

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008979.D
 Acq On : 16 Apr 2019 11:59
 Operator : JC/SP
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Quant Time: Apr 17 04:15:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	346786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148472	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.50	113	109000	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.71	98	453758	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	160783	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54646	22.025	ug/l	100
3) Chloromethane	1.32	50	66632	21.875	ug/l	98
4) Vinyl Chloride	1.41	62	61553	20.762	ug/l	97
5) Bromomethane	1.64	94	34570	21.036	ug/l	99
6) Chloroethane	1.72	64	37219	21.350	ug/l	96
7) Trichlorofluoromethane	1.93	101	69354	20.037	ug/l	98
8) Diethyl Ether	2.18	74	32320	20.417	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43929	19.849	ug/l	100
10) Methyl Iodide	2.51	142	45043	21.386	ug/l	100
11) Tert butyl alcohol	3.04	59	71813	106.572	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45803	19.828	ug/l	99
13) Acrolein	2.29	56	52920	90.892	ug/l	100
14) Allyl chloride	2.73	41	104273	20.690	ug/l	99
15) Acrylonitrile	3.14	53	179274	104.805	ug/l	100
16) Acetone	2.44	43	157336	99.944	ug/l	99
17) Carbon Disulfide	2.57	76	133668	20.451	ug/l	99
18) Methyl Acetate	2.77	43	77982	19.848	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	169017	20.535	ug/l	100
20) Methylene Chloride	2.85	84	53879	20.013	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	48736	19.780	ug/l	99
22) Diisopropyl ether	3.85	45	206034	21.039	ug/l	96
23) Vinyl Acetate	3.81	43	912189	105.964	ug/l	98
24) 1,1-Dichloroethane	3.70	63	99085	20.156	ug/l	99
25) 2-Butanone	4.67	43	262437	104.293	ug/l	98
26) 2,2-Dichloropropane	4.58	77	72869	19.775	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56359	20.147	ug/l	100
28) Bromochloromethane	5.01	49	44319	20.569	ug/l	100
29) Tetrahydrofuran	5.13	42	174569	103.649	ug/l	99
30) Chloroform	5.21	83	89698	20.390	ug/l	98
31) Cyclohexane	5.58	56	98868	20.448	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	74663	20.478	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69932	19.499	ug/l	100
37) Ethyl Acetate	4.84	43	95322	20.655	ug/l	98
38) Carbon Tetrachloride	5.79	117	61561	20.247	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008979.D
 Acq On : 16 Apr 2019 11:59
 Operator : JC/SP
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Quant Time: Apr 17 04:15:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88197	20.197	ug/l	99
40) Benzene	6.14	78	215085	20.328	ug/l	99
41) Methacrylonitrile	5.04	41	55470	20.942	ug/l	97
42) 1,2-Dichloroethane	6.19	62	77122	20.577	ug/l	99
43) Isopropyl Acetate	6.44	43	153673	20.663	ug/l	99
44) Trichloroethene	7.21	130	51130	19.723	ug/l	96
45) 1,2-Dichloropropane	7.51	63	61233	20.861	ug/l	97
46) Dibromomethane	7.66	93	34729	20.330	ug/l	98
47) Bromodichloromethane	7.90	83	66856	19.954	ug/l	98
48) Methyl methacrylate	7.77	41	77396	21.061	ug/l	99
49) 1,4-Dioxane	7.74	88	29336	426.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	509588	107.553	ug/l	100
52) Toluene	8.78	92	131117	20.677	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	78469	20.350	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	86796	20.103	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	52155	20.753	ug/l	98
56) Ethyl methacrylate	9.18	69	95430	21.177	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93164	20.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	244239	100.648	ug/l	99
59) 2-Hexanone	9.49	43	395316	108.219	ug/l	99
60) Dibromochloromethane	9.58	129	49382	20.502	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53498	20.625	ug/l	99
64) Tetrachloroethene	9.34	164	48038	20.467	ug/l	98
65) Chlorobenzene	10.13	112	133495	20.471	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	47106	20.505	ug/l	98
67) Ethyl Benzene	10.25	91	245930	20.630	ug/l	99
68) m/p-Xylenes	10.36	106	178453	41.191	ug/l	99
69) o-Xylene	10.69	106	87268	20.702	ug/l	99
70) Styrene	10.71	104	151396	20.725	ug/l	99
71) Bromoform	10.85	173	36210	19.784	ug/l #	96
73) Isopropylbenzene	11.02	105	233290	21.051	ug/l	100
74) N-amyl acetate	10.90	43	134891	21.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83845	20.706	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	98799	27.674	ug/l	81
77) Bromobenzene	11.26	156	57275	20.484	ug/l	99
78) n-propylbenzene	11.36	91	265584	20.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	160288	20.912	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	195139	20.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27556	19.816	ug/l	93
82) 4-Chlorotoluene	11.51	91	183152	20.574	ug/l	100
83) tert-Butylbenzene	11.77	119	183389	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	196096	20.715	ug/l	99
85) sec-Butylbenzene	11.94	105	221261	20.778	ug/l	100
86) p-Isopropyltoluene	12.06	119	202291	20.662	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	98420	20.111	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	98403	19.836	ug/l	99
89) n-Butylbenzene	12.38	91	184170	20.199	ug/l	100
90) Hexachloroethane	12.60	117	31851	19.723	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	97928	20.264	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18083	19.614	ug/l	99

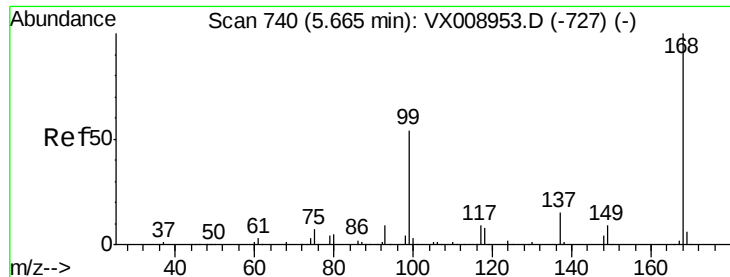
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
Data File : VX008979.D
Acq On : 16 Apr 2019 11:59
Operator : JC/SP
Sample : VX0416WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Quant Time: Apr 17 04:15:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68654	19.680	ug/l	99
94) Hexachlorobutadiene	13.78	225	35187	20.224	ug/l	99
95) Naphthalene	13.83	128	221863	19.851	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67623	19.647	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

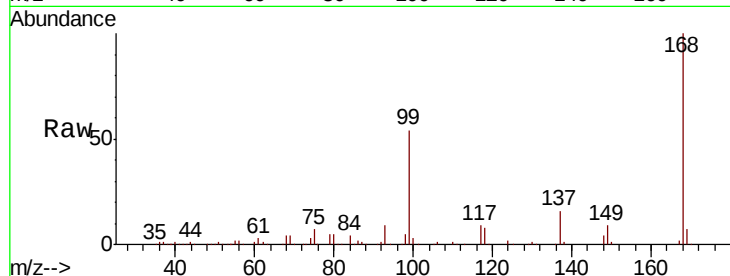
VX0416WBS01

Tot Ion:168 Resp: 215408

Ion Ratio Lower Upper

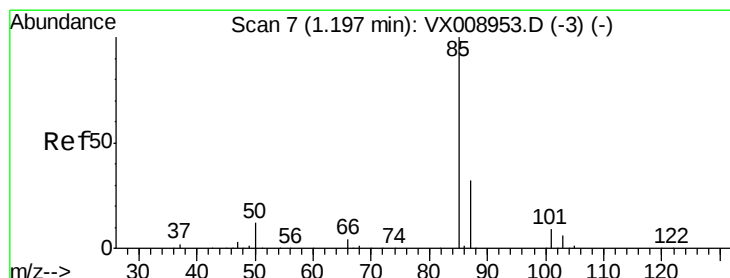
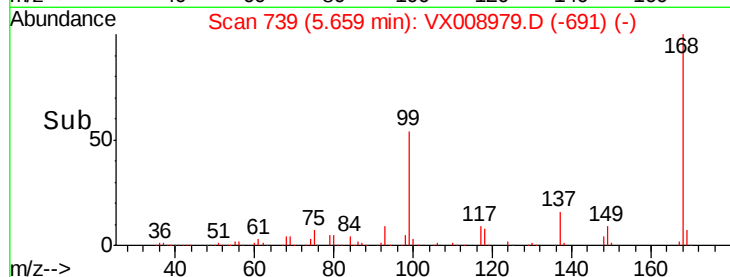
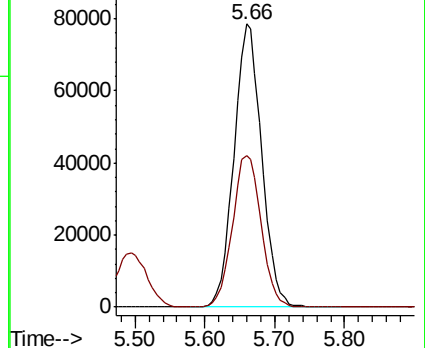
168 100

99 53.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.025 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008979.D

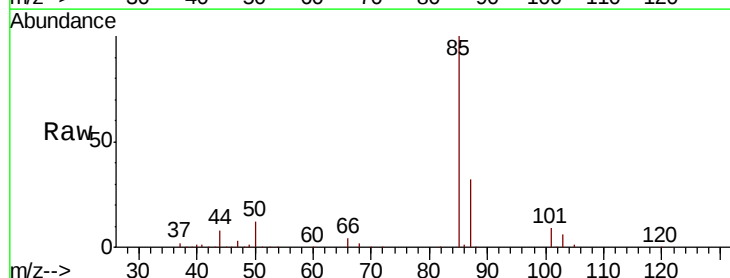
Acq: 16 Apr 2019 11:59

Tgt Ion: 85 Resp: 54646

Ion Ratio Lower Upper

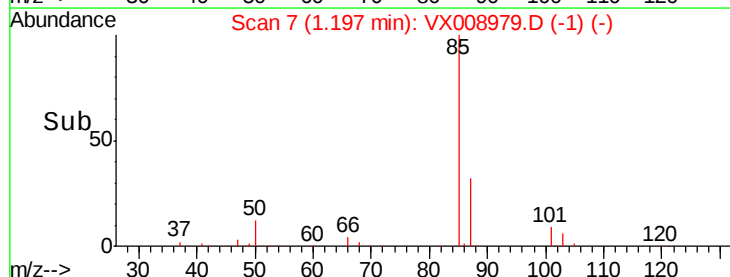
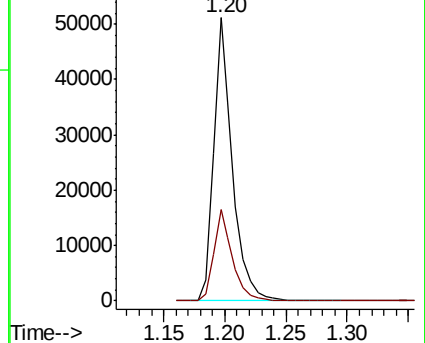
85 100

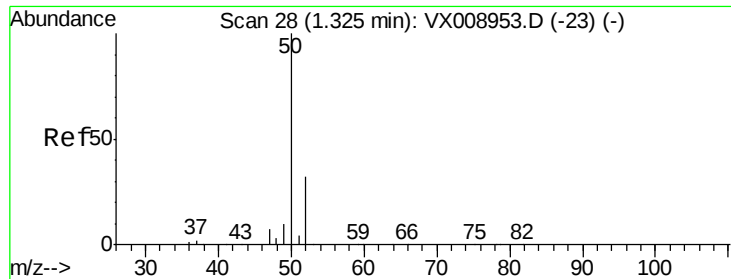
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.875 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

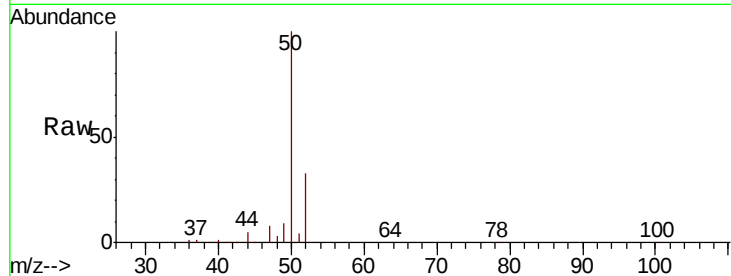
VX0416WBS01

Tot Ion: 50 Resp: 66632

Ion Ratio Lower Upper

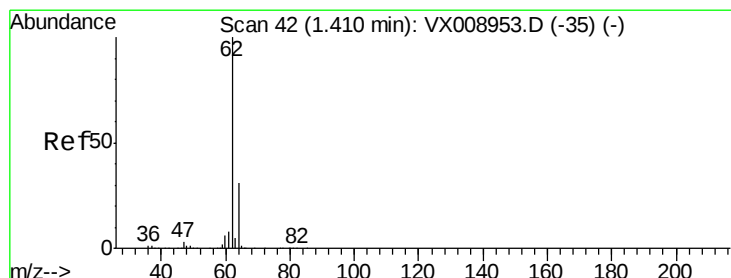
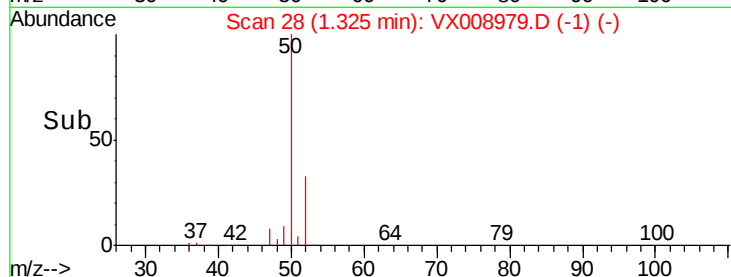
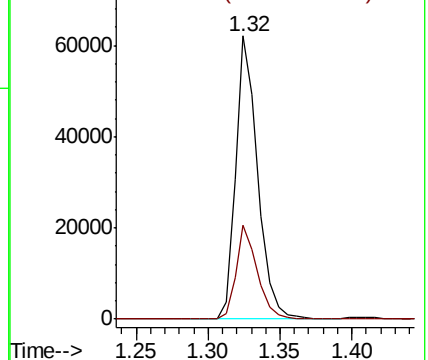
50 100

52 33.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.762 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008979.D

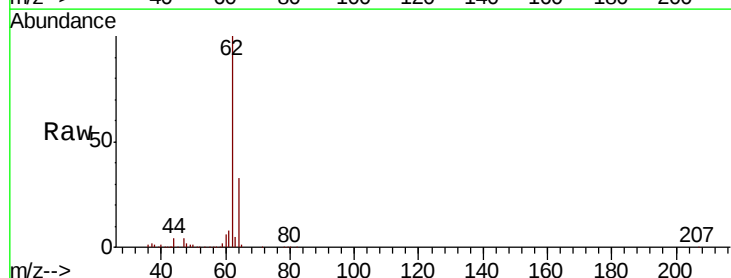
Acq: 16 Apr 2019 11:59

Tgt Ion: 62 Resp: 61553

Ion Ratio Lower Upper

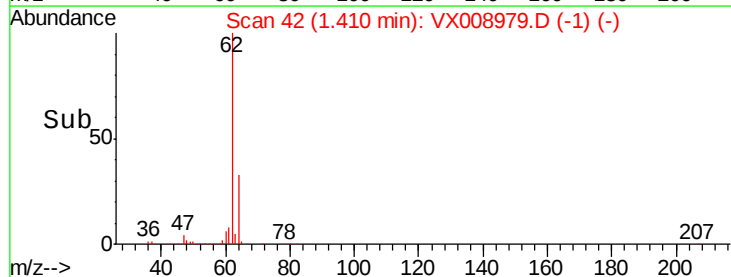
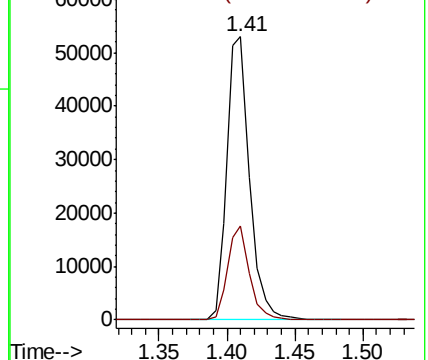
62 100

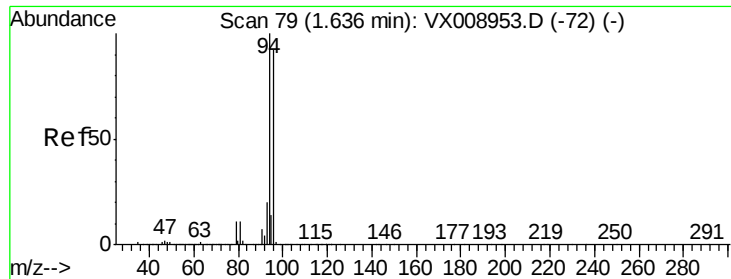
64 32.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.036 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

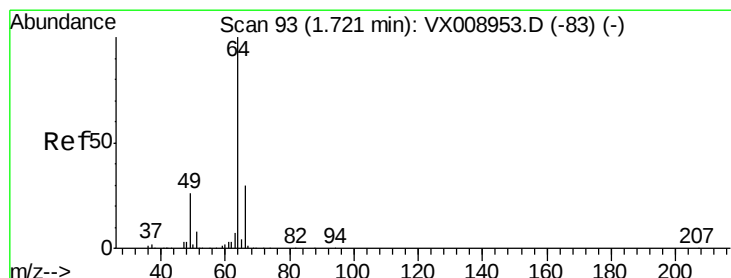
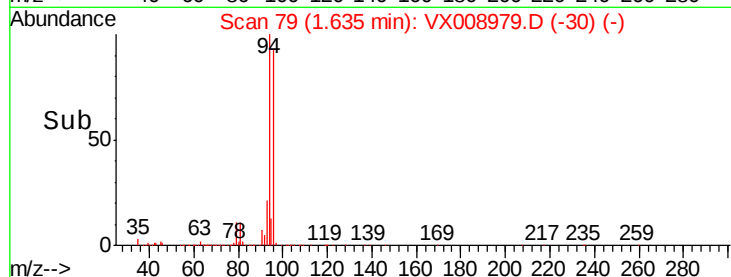
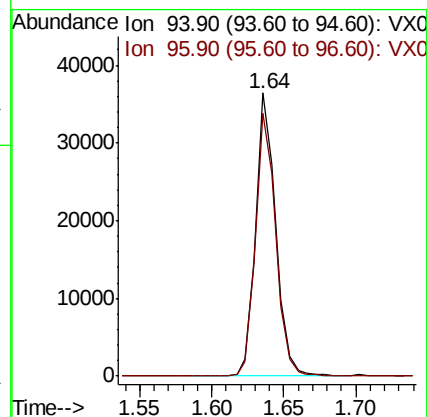
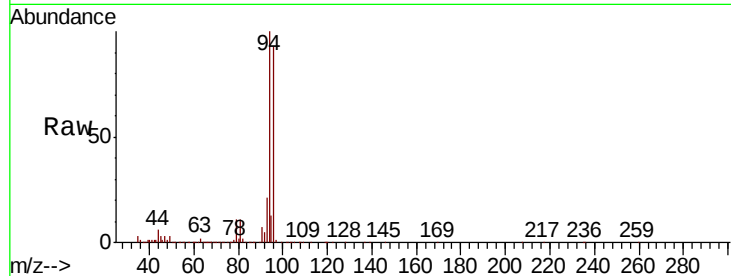
VX0416WBS01

Tot Ion: 94 Resp: 34570

Ion Ratio Lower Upper

94 100

96 93.0 73.9 110.9



#6

Chloroethane

Concen: 21.350 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008979.D

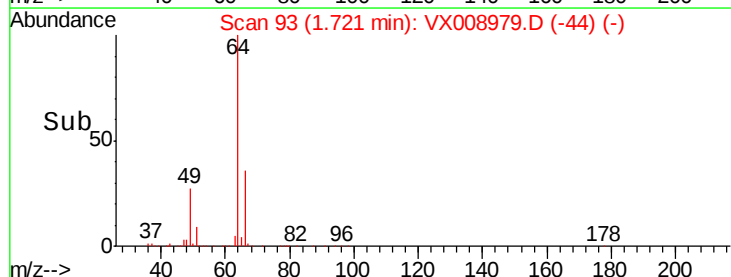
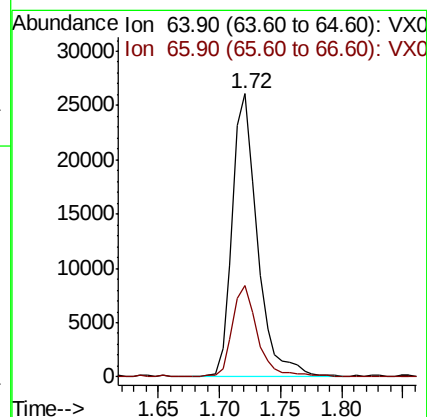
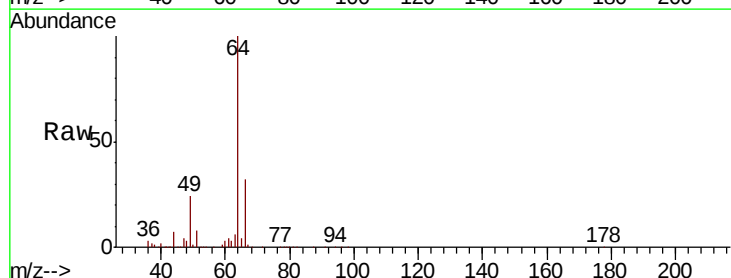
Acq: 16 Apr 2019 11:59

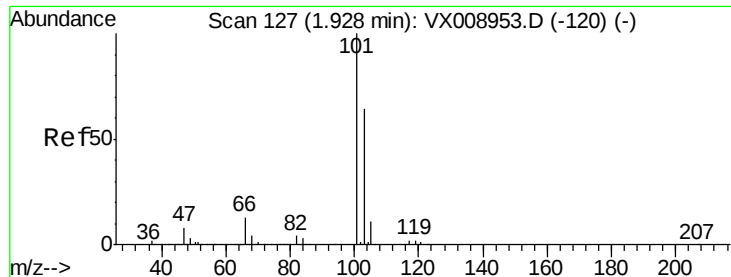
Tgt Ion: 64 Resp: 37219

Ion Ratio Lower Upper

64 100

66 32.1 24.2 36.2



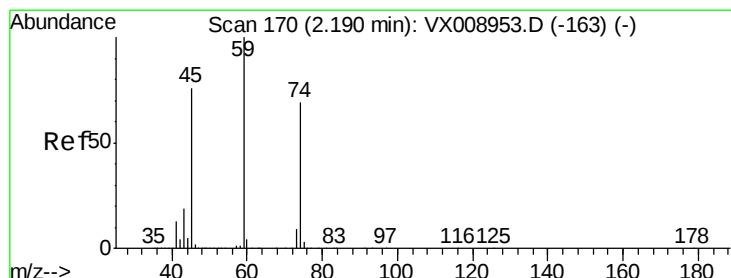
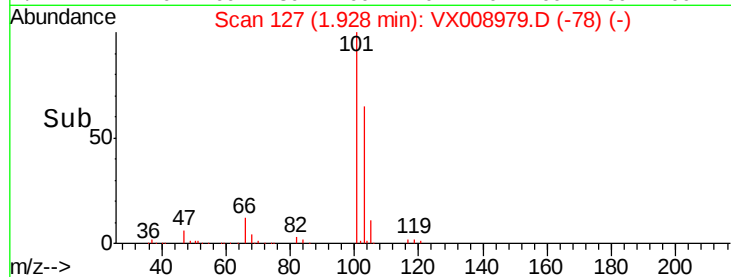
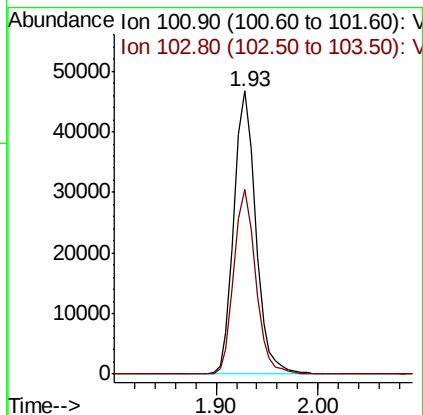
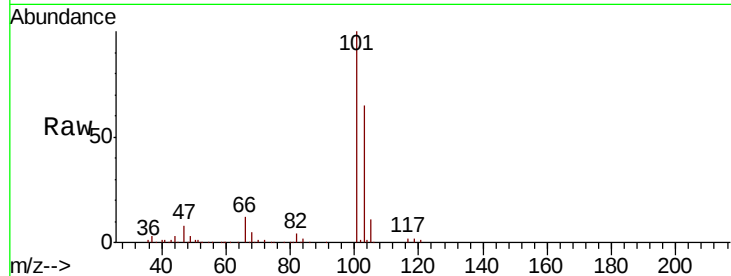


#7

Trichlorofluoromethane
 Concen: 20.037 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

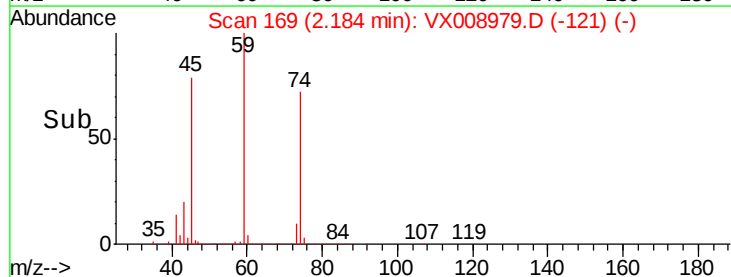
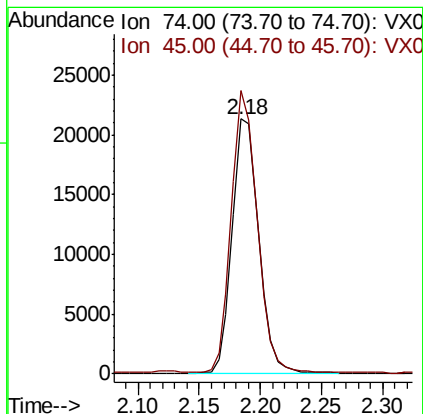
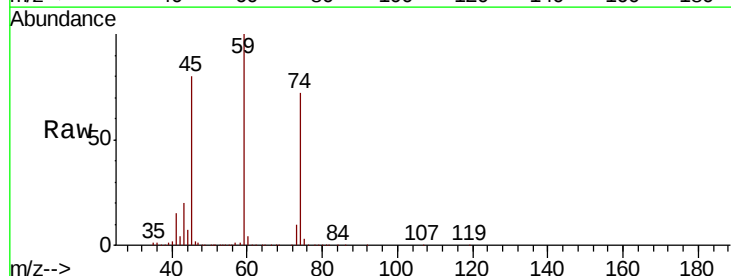
Tot Ion:101 Resp: 69354
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.6

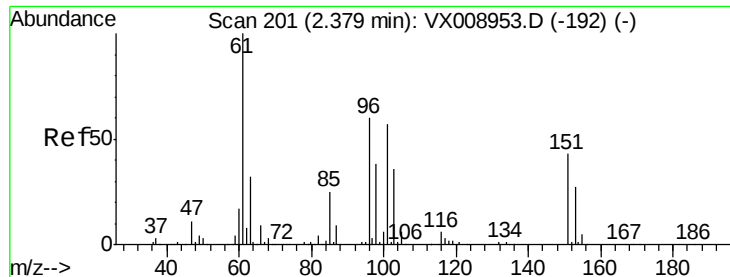


#8

Diethyl Ether
 Concen: 20.417 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 74 Resp: 32320
 Ion Ratio Lower Upper
 74 100
 45 107.2 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.849 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

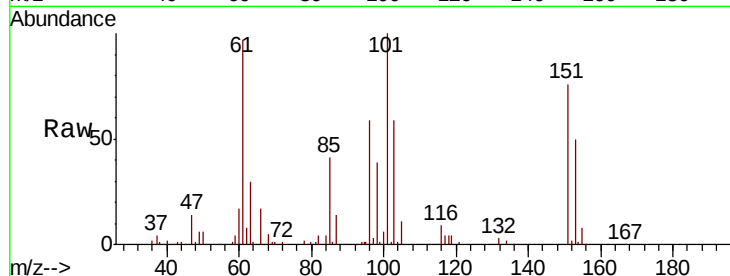
Tot Ion:101 Resp: 43929

Ion Ratio Lower Upper

101 100

85 44.7 35.7 53.5

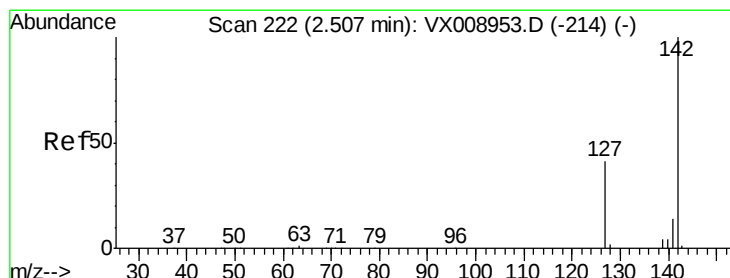
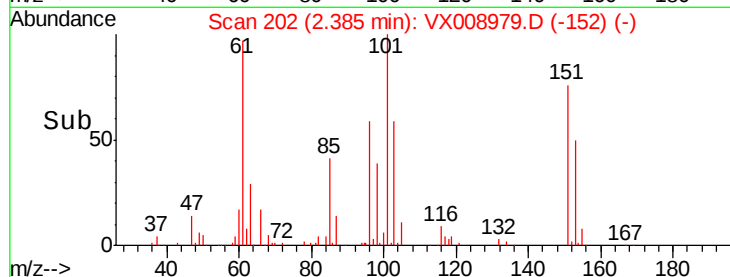
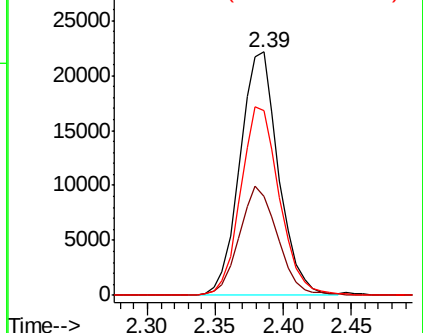
151 78.0 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.386 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

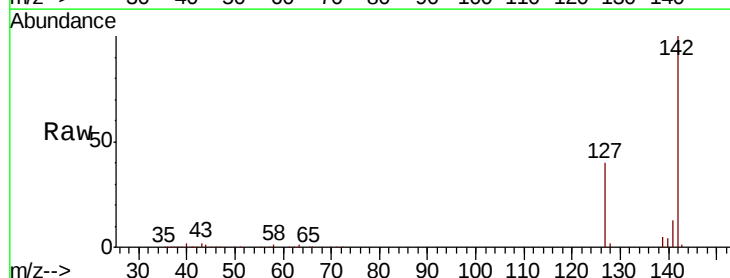
Tgt Ion:142 Resp: 45043

Ion Ratio Lower Upper

142 100

127 40.9 32.8 49.2

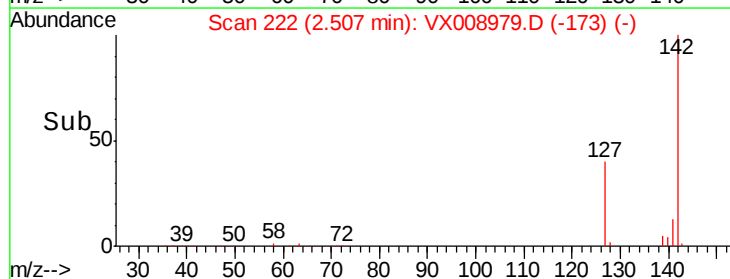
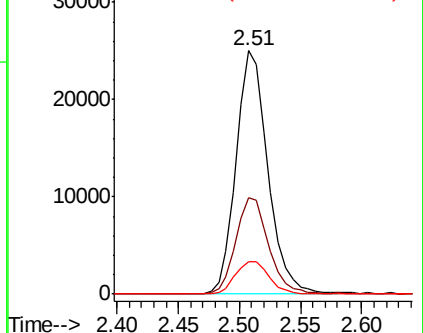
141 14.3 11.4 17.2

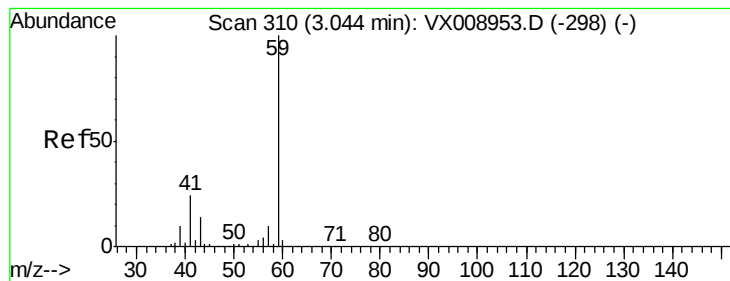


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 106.572 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

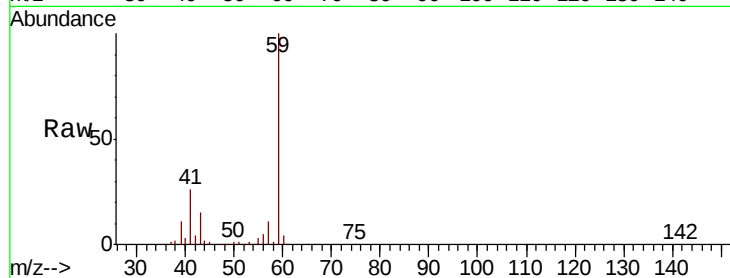
VX0416WBS01

Tot Ion: 59 Resp: 71813

Ion Ratio Lower Upper

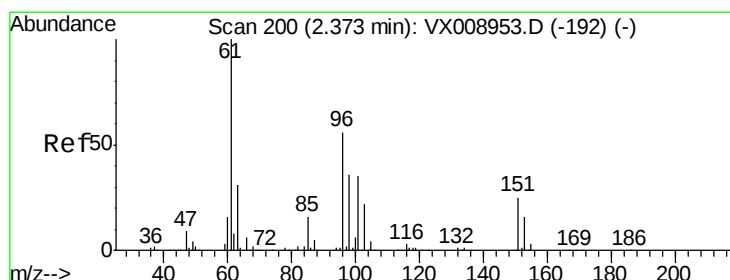
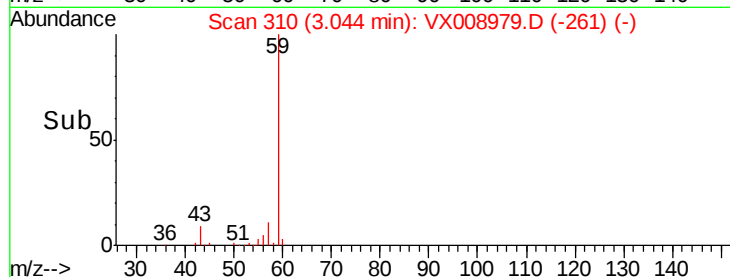
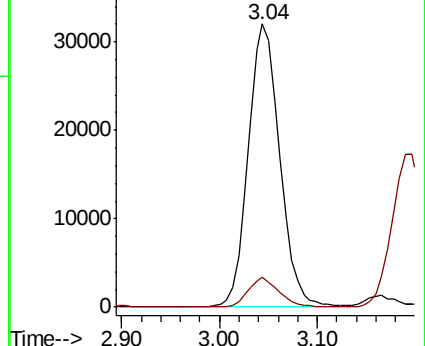
59 100

57 10.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.828 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

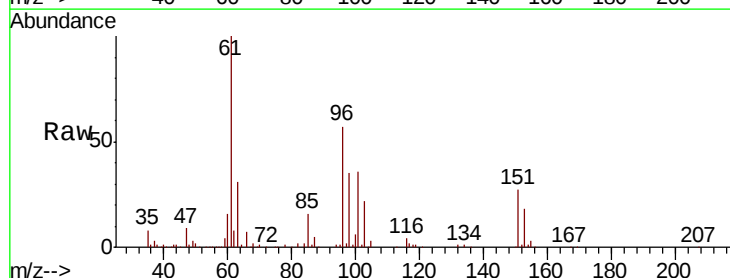
Tgt Ion: 96 Resp: 45803

Ion Ratio Lower Upper

96 100

61 176.9 142.2 213.2

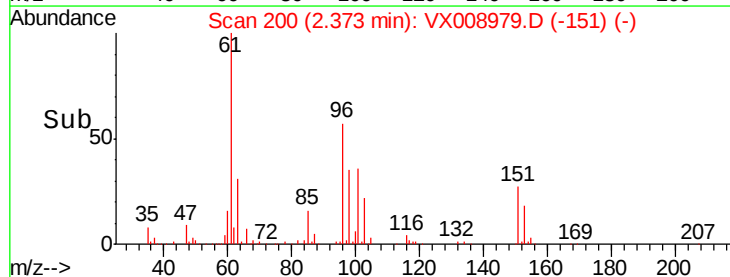
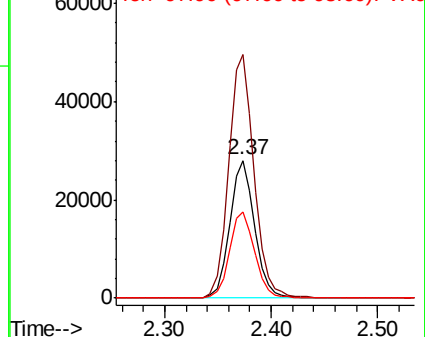
98 62.4 50.9 76.3

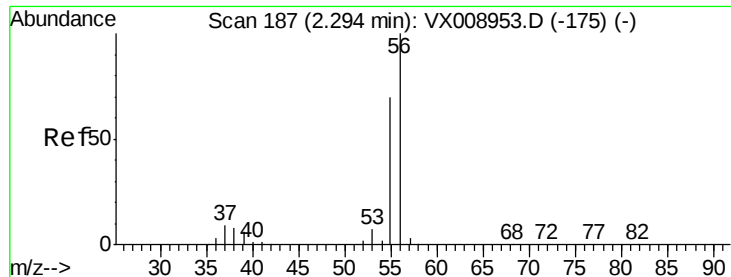


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 90.892 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

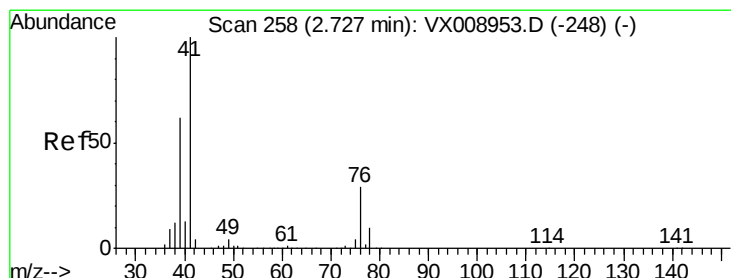
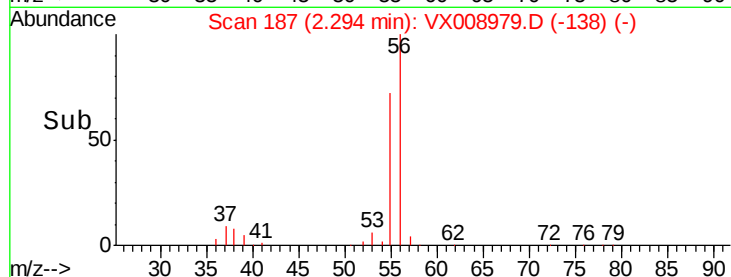
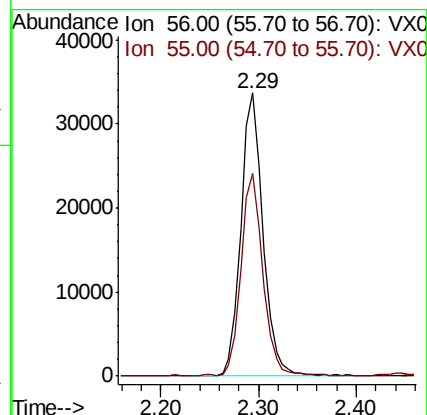
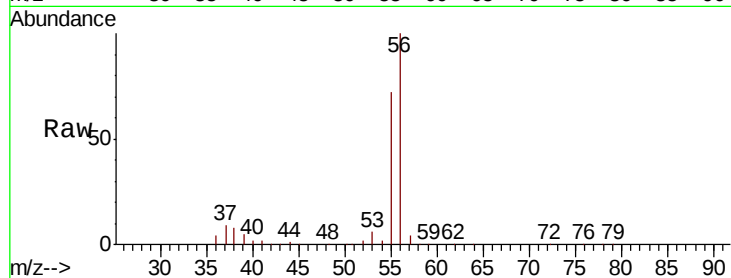
VX0416WBS01

Tot Ion: 56 Resp: 52920

Ion Ratio Lower Upper

56 100

55 70.6 56.6 84.8



#14

Allyl chloride

Concen: 20.690 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

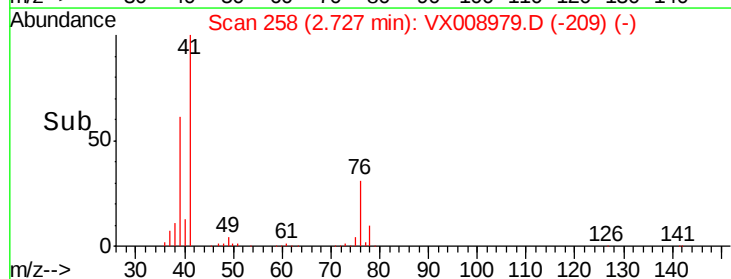
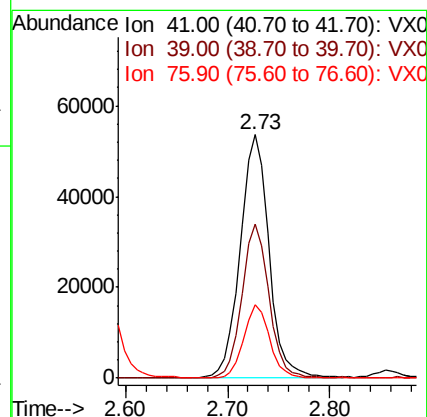
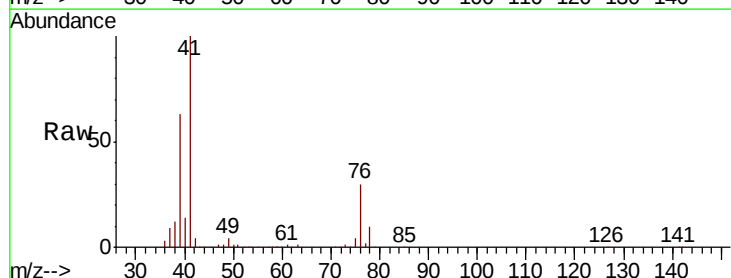
Tgt Ion: 41 Resp: 104273

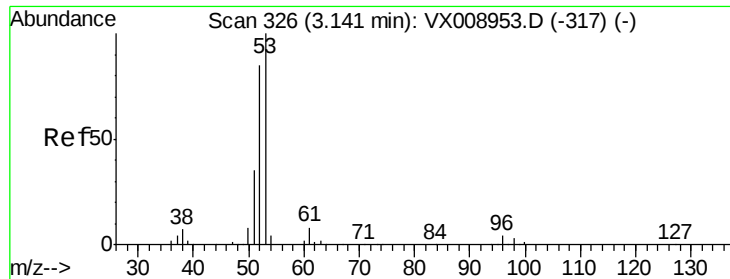
Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

76 26.8 22.0 33.0





#15

Acrylonitrile

Concen: 104.805 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

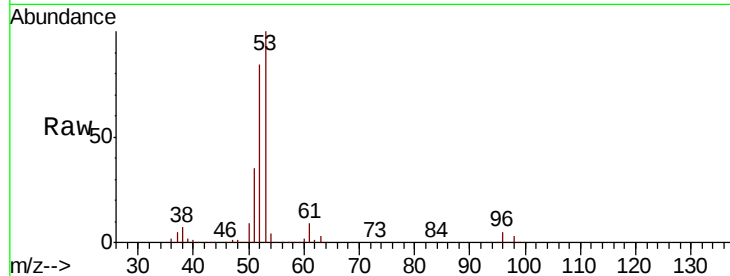
Tot Ion: 53 Resp: 179274

Ion Ratio Lower Upper

53 100

52 82.9 66.6 100.0

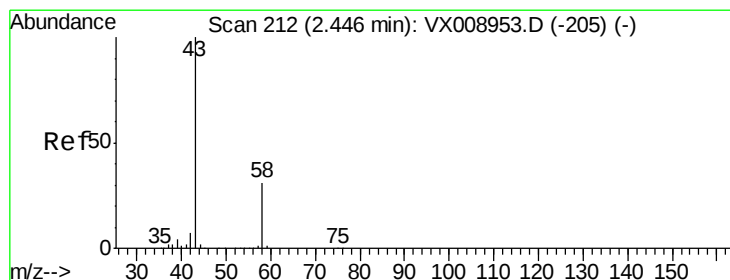
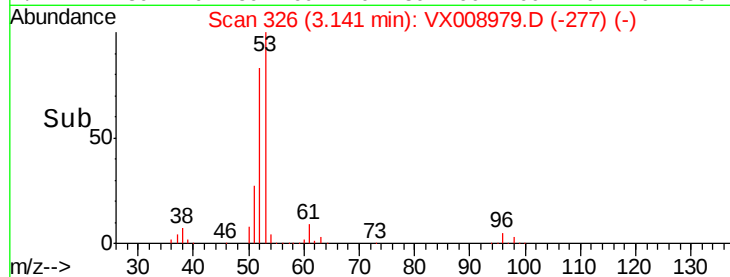
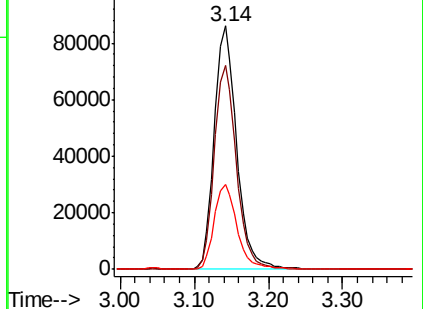
51 35.4 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.944 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008979.D

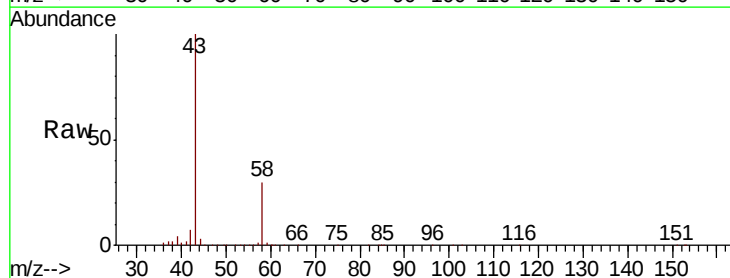
Acq: 16 Apr 2019 11:59

Tgt Ion: 43 Resp: 157336

Ion Ratio Lower Upper

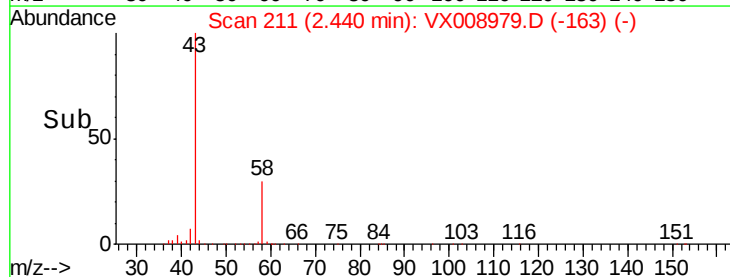
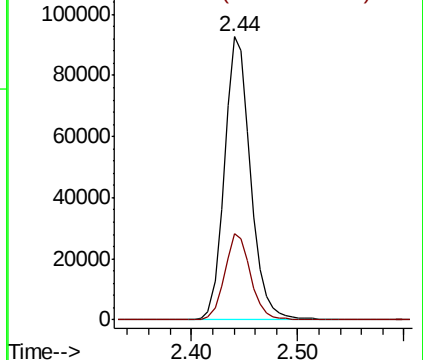
43 100

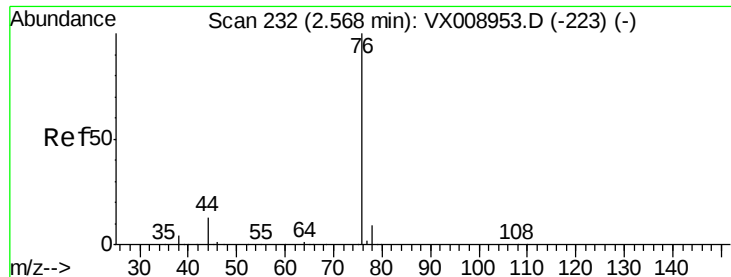
58 30.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

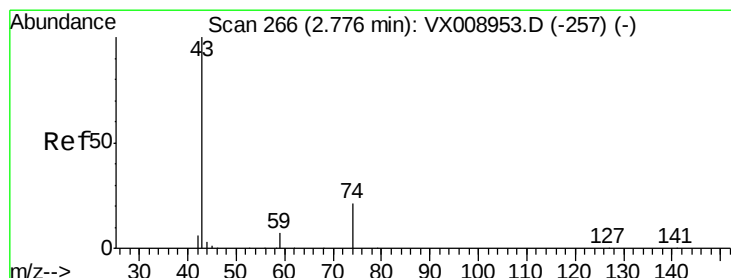
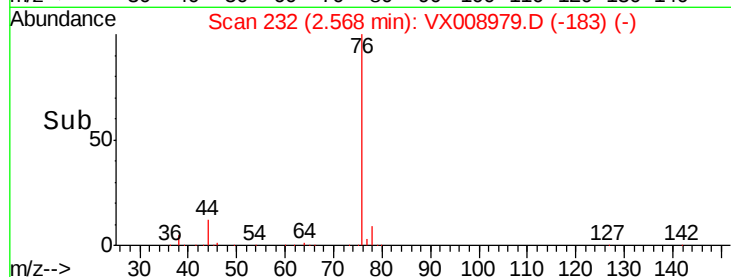
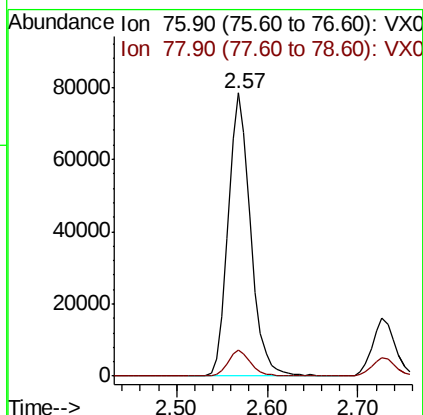
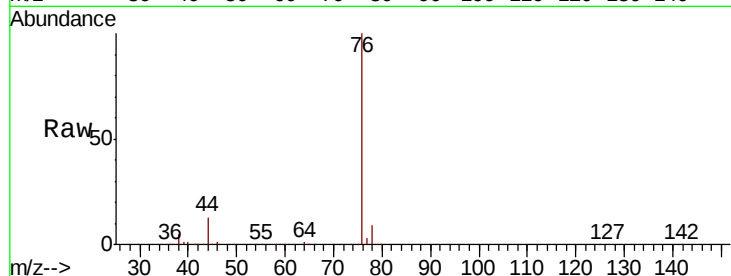




#17
Carbon Disulfide
Concen: 20.451 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

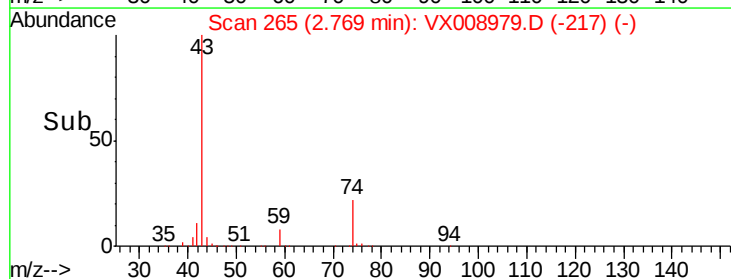
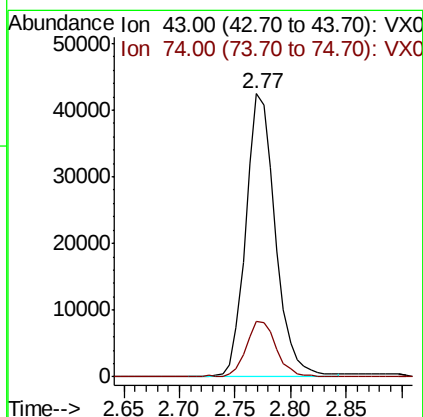
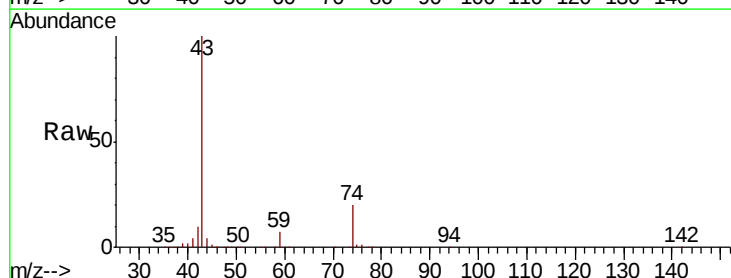
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

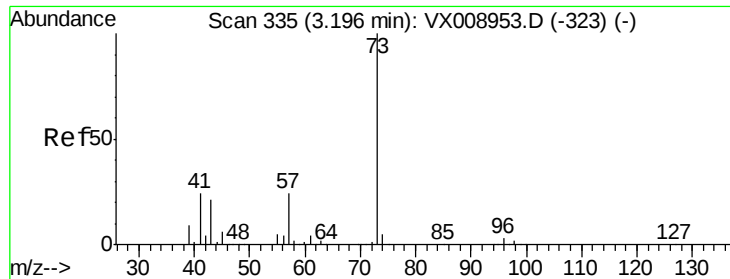
Tot Ion: 76 Resp: 133668
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 19.848 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 43 Resp: 77982
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0

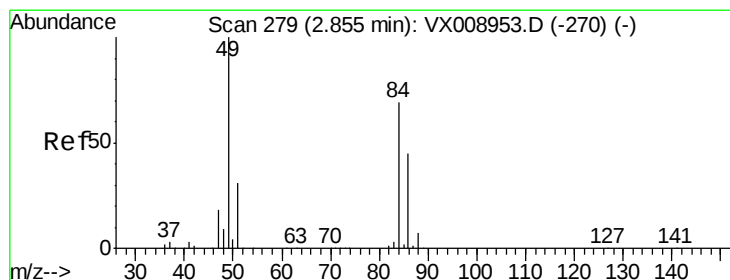
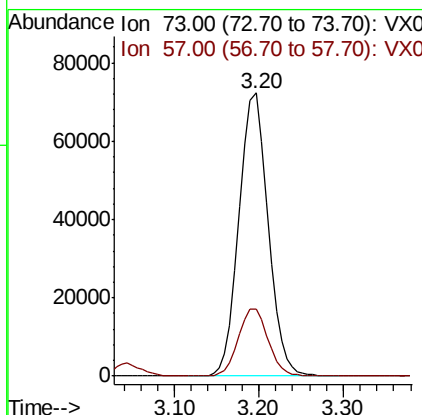
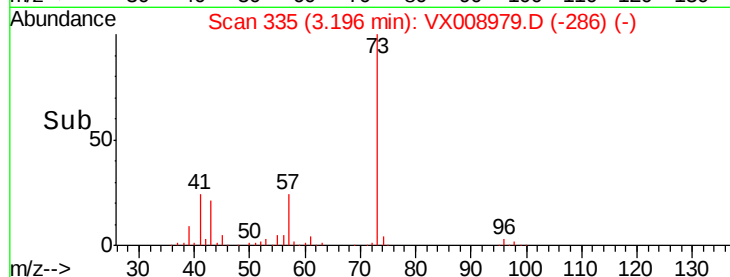
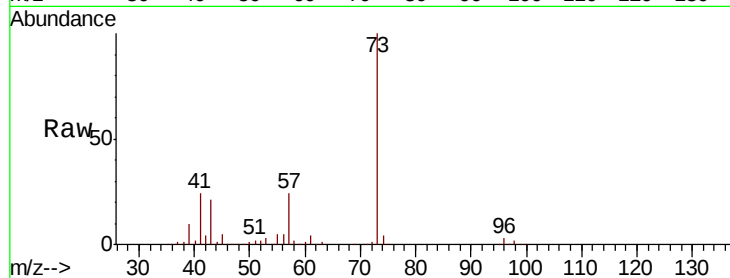




#19
Methvl tert-butvl Ether
Concen: 20.535 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

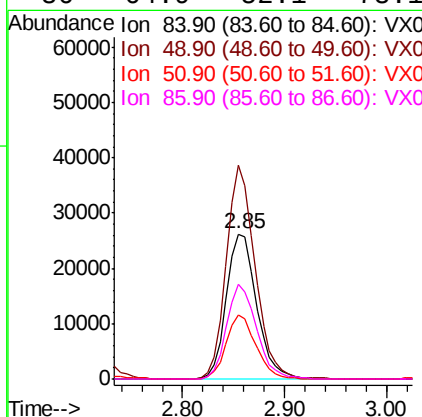
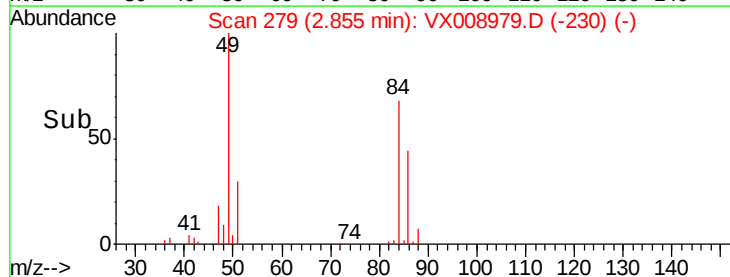
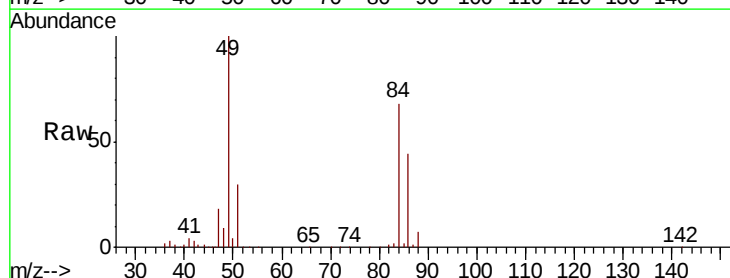
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

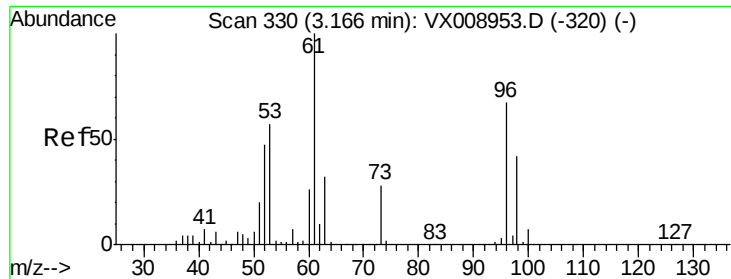
Tot Ion: 73 Resp: 169017
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8



#20
Methylene Chloride
Concen: 20.013 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 84 Resp: 53879
Ion Ratio Lower Upper
84 100
49 147.0 115.4 173.0
51 44.2 35.8 53.6
86 64.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.780 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

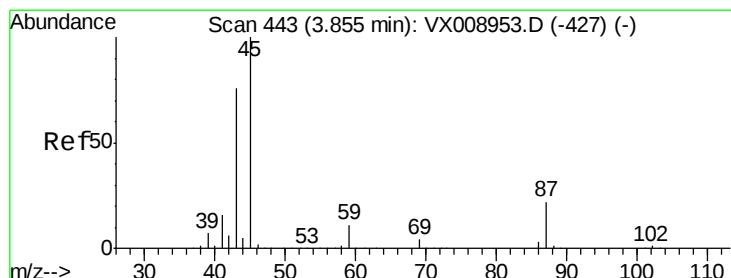
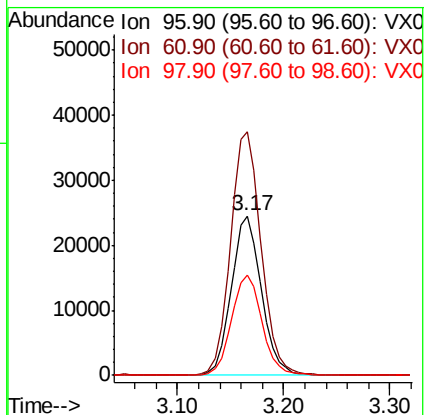
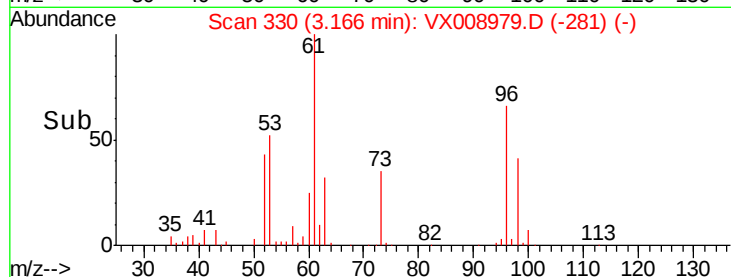
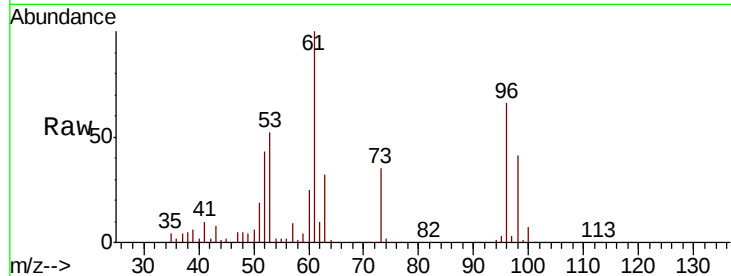
Tot Ion: 96 Resp: 48736

Ion Ratio Lower Upper

96 100

61 152.4 120.3 180.5

98 62.7 50.2 75.2



#22

Diisopropyl ether

Concen: 21.039 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion: 45 Resp: 206034

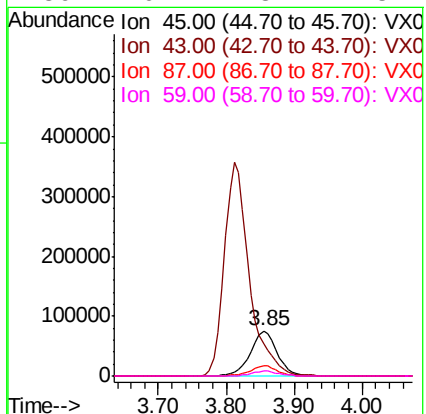
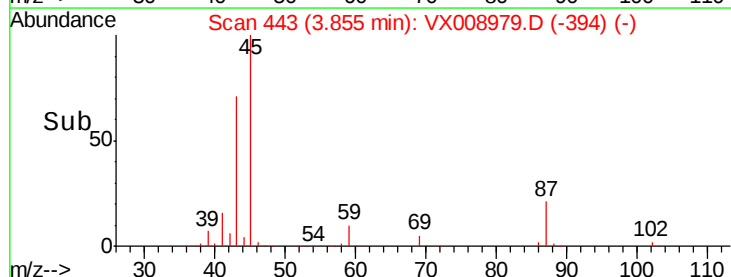
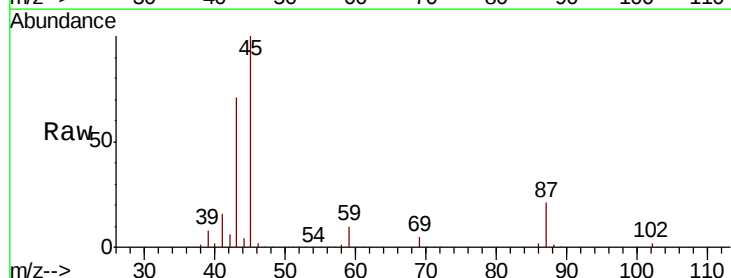
Ion Ratio Lower Upper

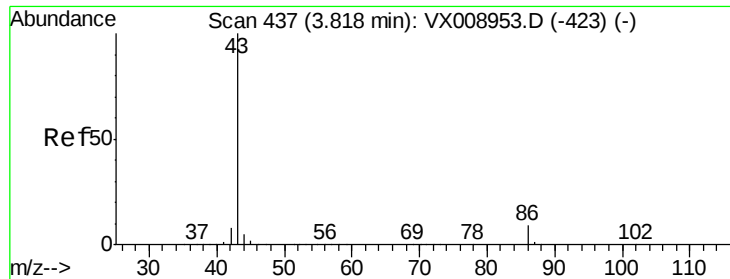
45 100

43 71.1 60.6 91.0

87 21.5 17.8 26.8

59 10.4 8.7 13.1





#23

Vinyl Acetate

Concen: 105.964 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

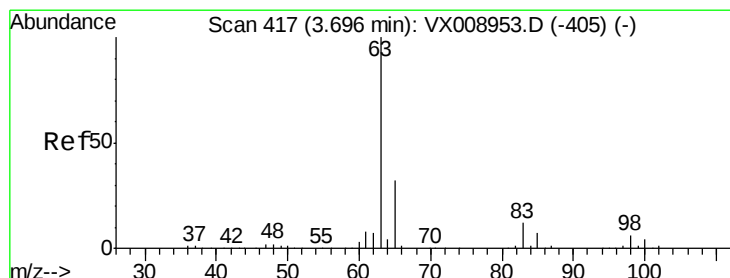
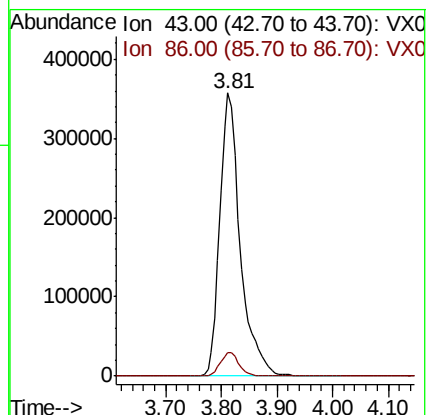
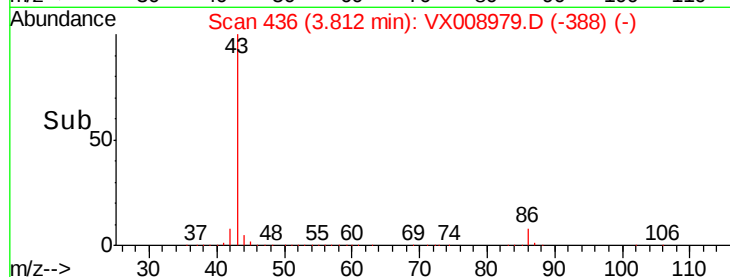
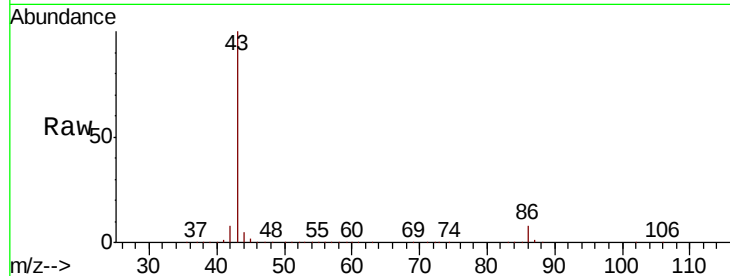
VX0416WBS01

Tot Ion: 43 Resp: 912189

Ion Ratio Lower Upper

43 100

86 8.3 7.1 10.7



#24

1,1-Dichloroethane

Concen: 20.156 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

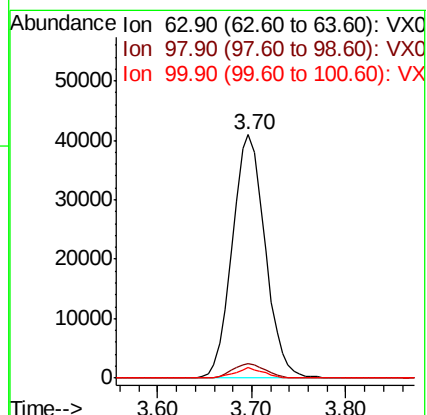
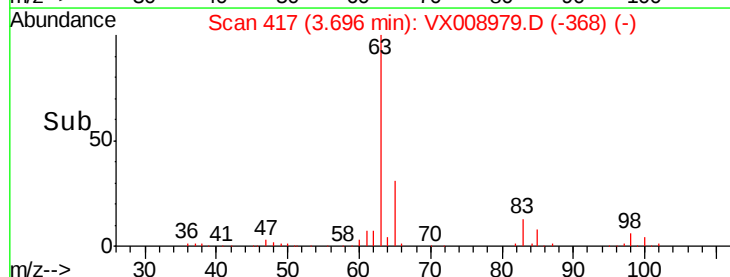
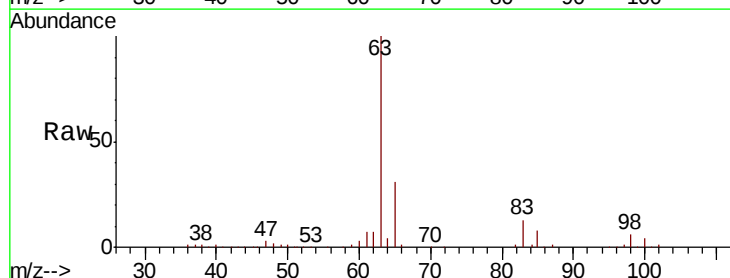
Tgt Ion: 63 Resp: 99085

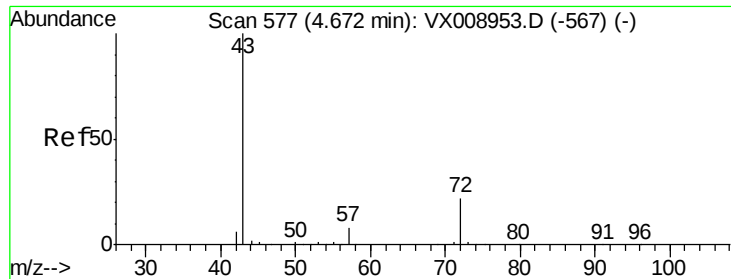
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 4.4 1.9 5.7





#25

2-Butanone

Concen: 104.293 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

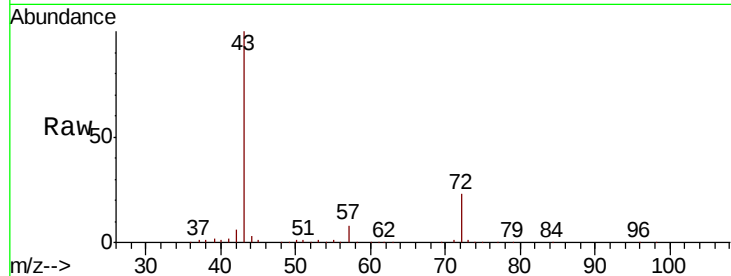
VX0416WBS01

Tot Ion: 43 Resp: 262437

Ion Ratio Lower Upper

43 100

72 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

100000

80000

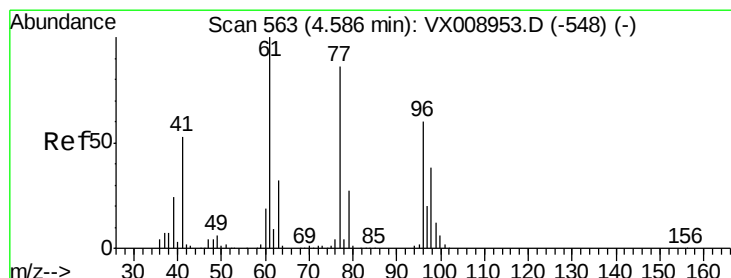
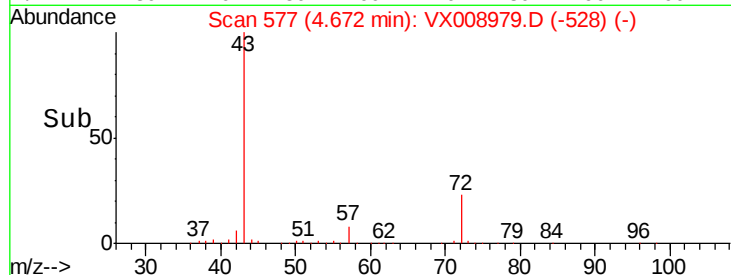
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.775 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008979.D

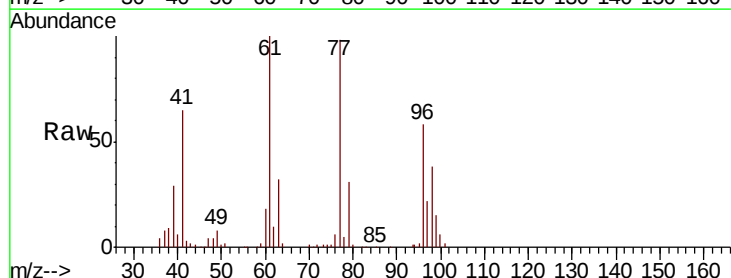
Acq: 16 Apr 2019 11:59

Tgt Ion: 77 Resp: 72869

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

25000

20000

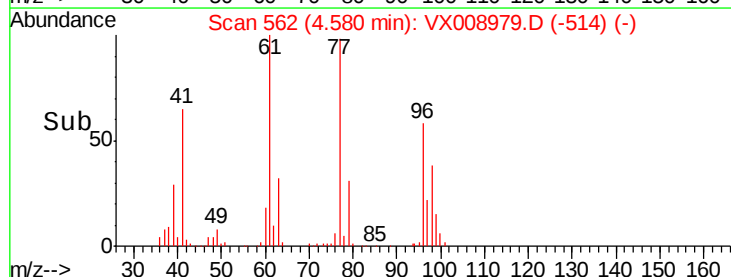
15000

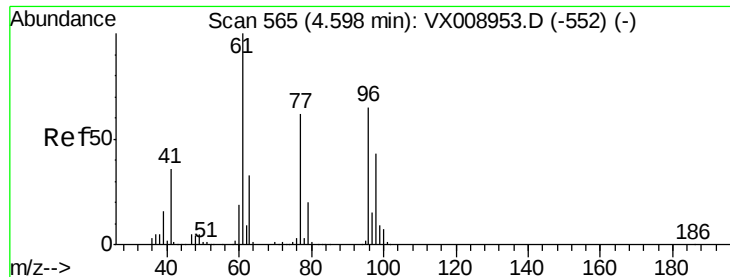
10000

5000

0

Time-->



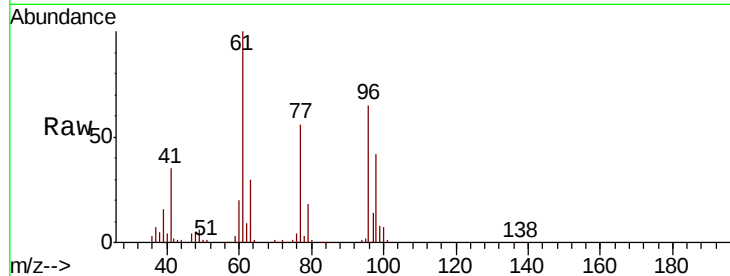


#27

cis-1,2-Dichloroethene
Concen: 20.147 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.9	0.0	322.0
98	64.0	0.0	128.4

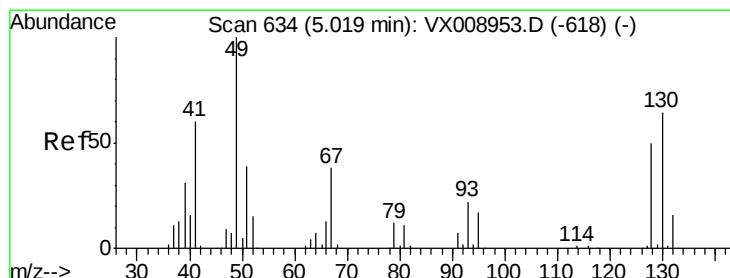
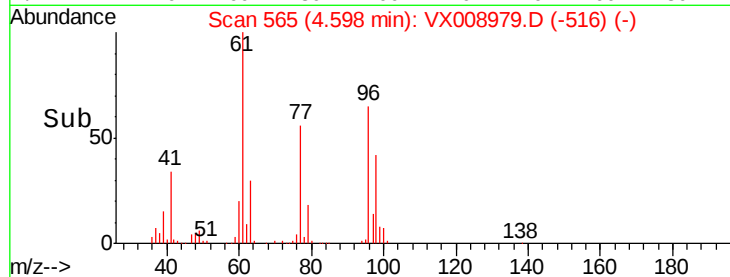
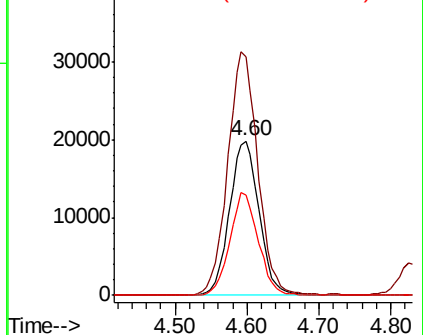


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

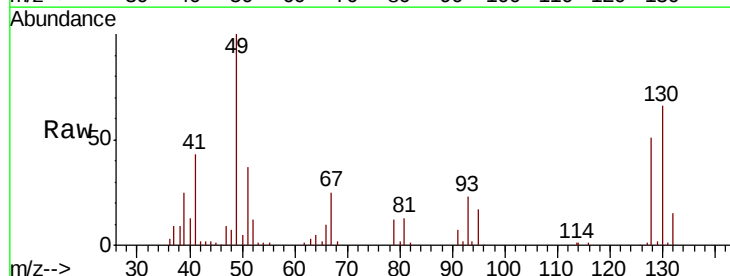
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 20.569 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	62.9	50.4	75.6

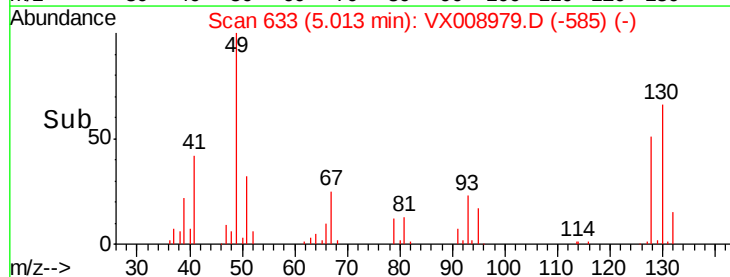
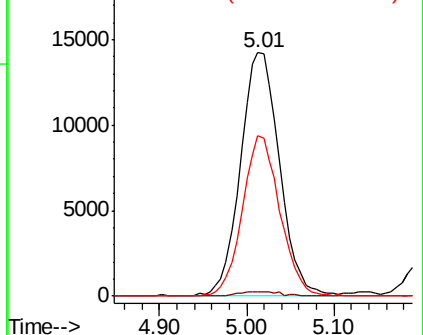


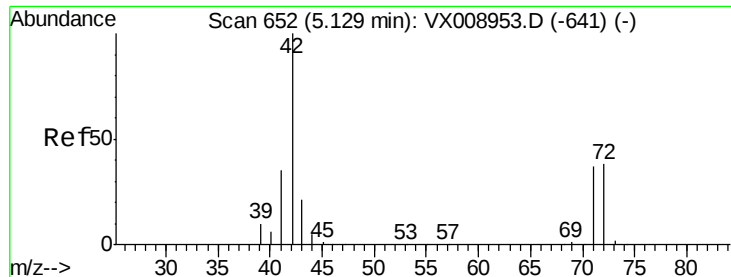
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

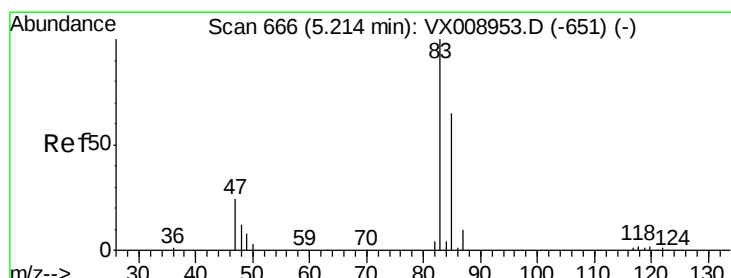
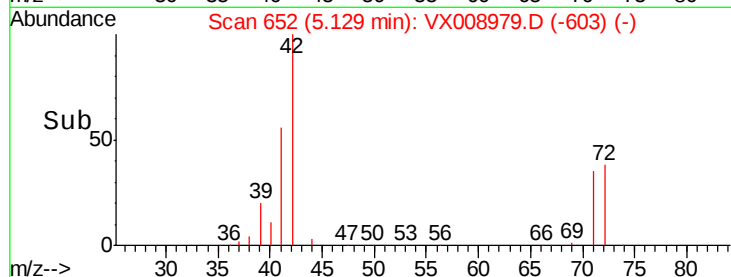
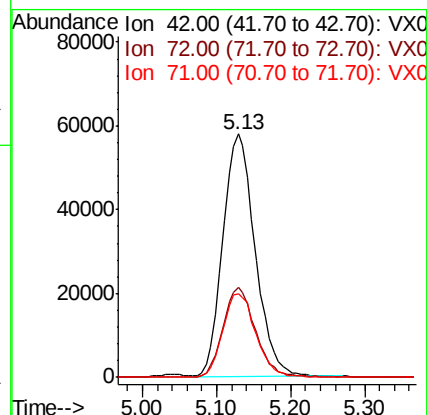
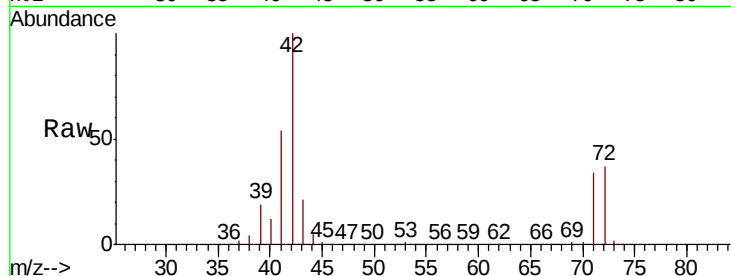




#29
Tetrahydrofuran
Concen: 103.649 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

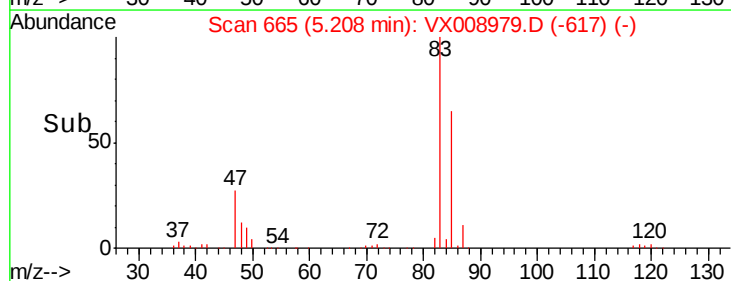
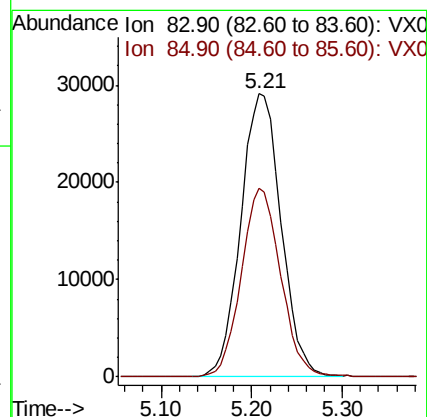
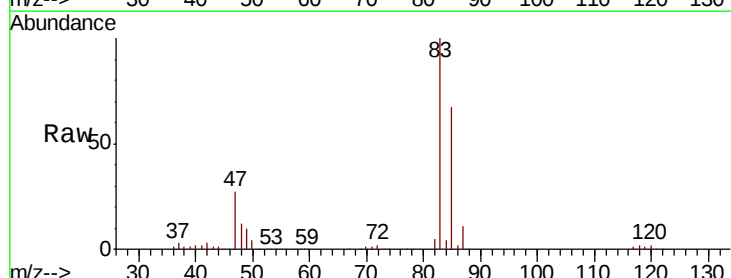
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

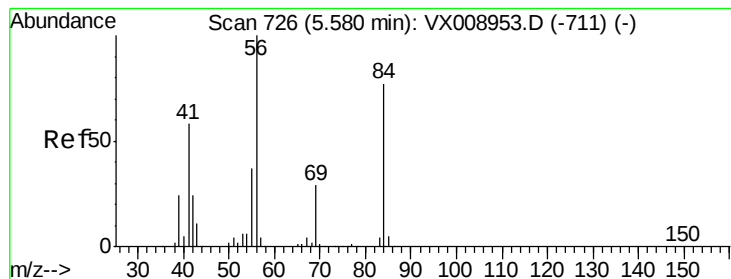
Tot Ion: 42 Resp: 174569
Ion Ratio Lower Upper
42 100
72 37.6 30.6 45.8
71 35.5 28.8 43.2



#30
Chloroform
Concen: 20.390 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 83 Resp: 89698
Ion Ratio Lower Upper
83 100
85 66.9 51.9 77.9





#31

Cyclohexane

Concen: 20.448 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

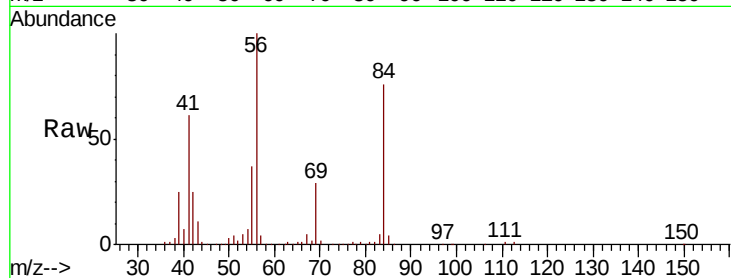
Tot Ion: 56 Resp: 98868

Ion Ratio Lower Upper

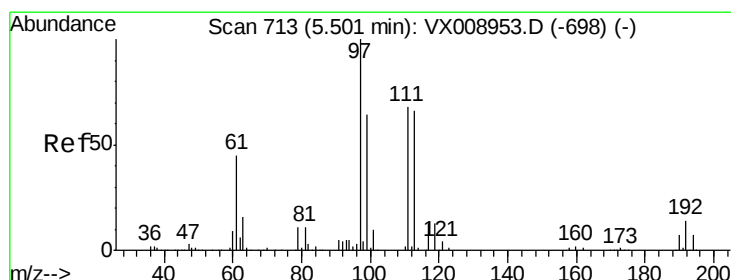
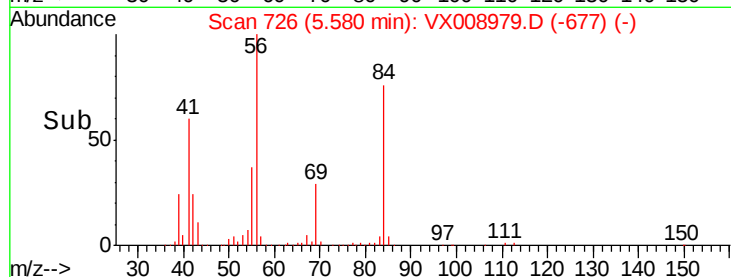
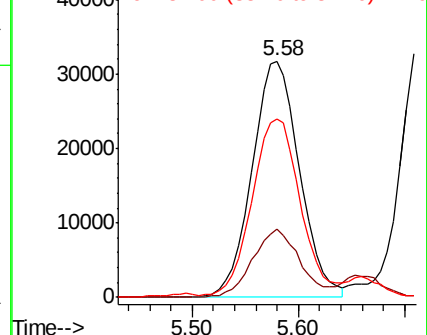
56 100

69 28.7 23.3 34.9

84 74.4 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.478 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

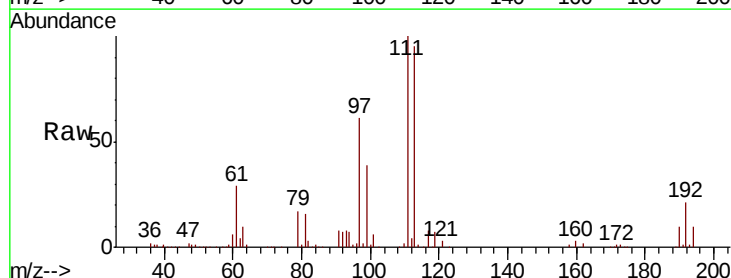
Tgt Ion: 97 Resp: 74663

Ion Ratio Lower Upper

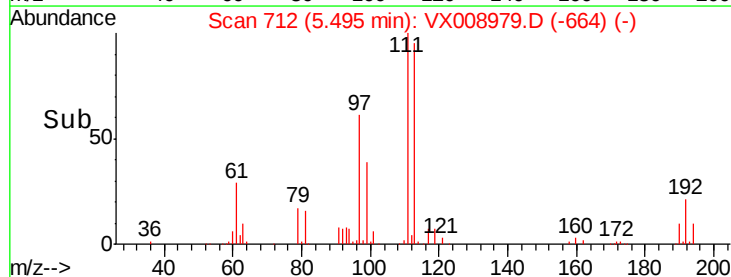
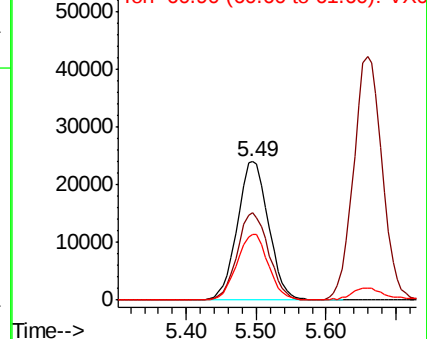
97 100

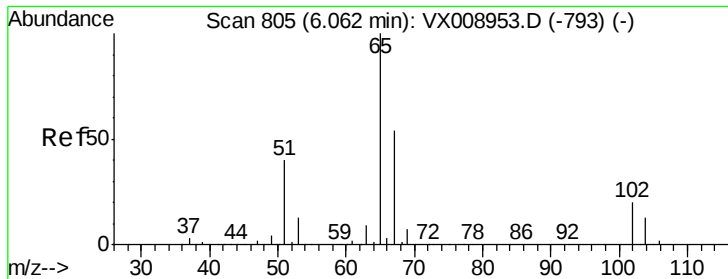
99 63.3 51.6 77.4

61 47.9 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.908 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

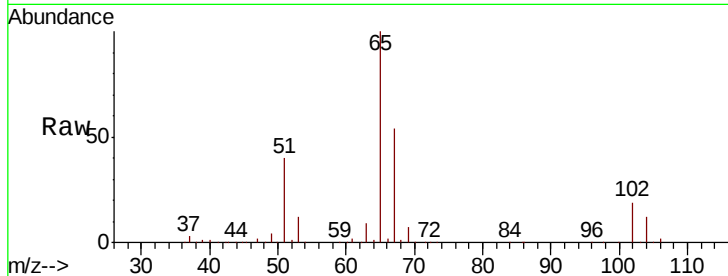
VX0416WBS01

Tot Ion: 65 Resp: 148472

Ion Ratio Lower Upper

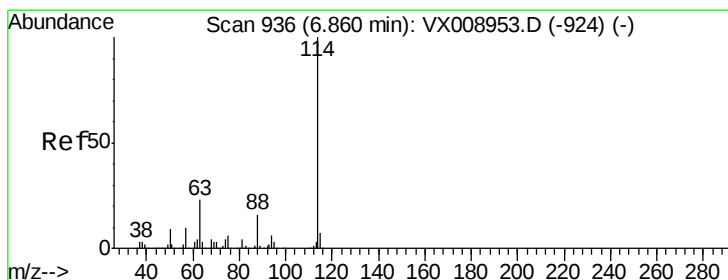
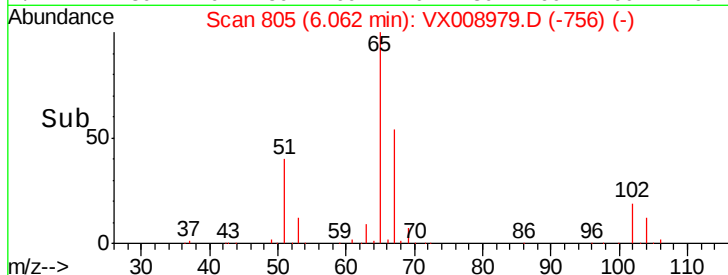
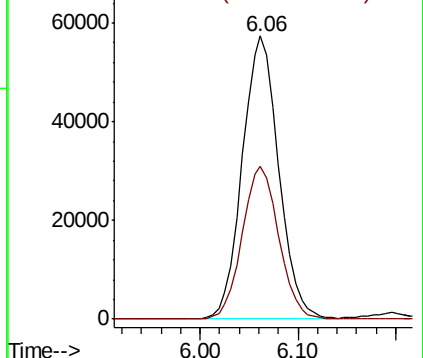
65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

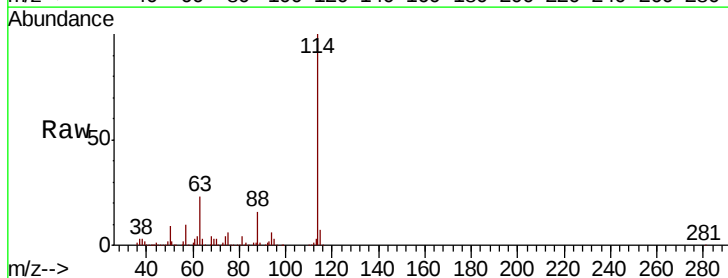
Tgt Ion: 114 Resp: 346786

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

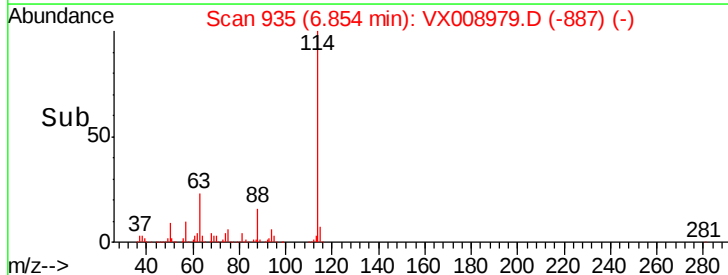
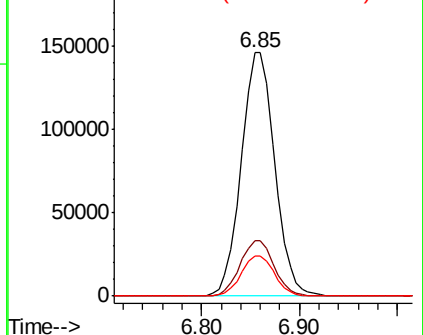
88 16.3 0.0 32.6

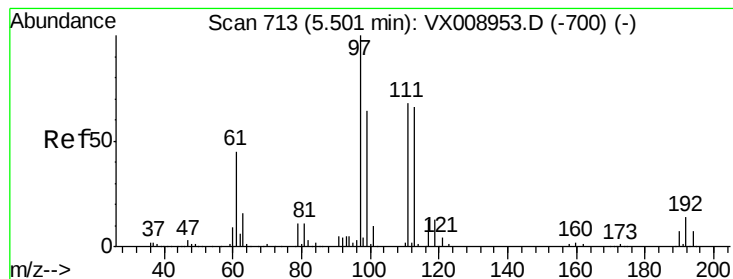


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.976 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

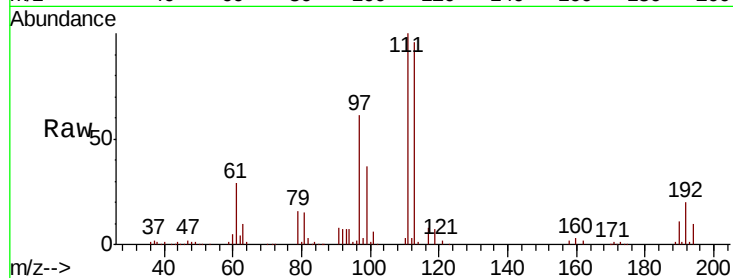
Tot Ion:113 Resp: 109000

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

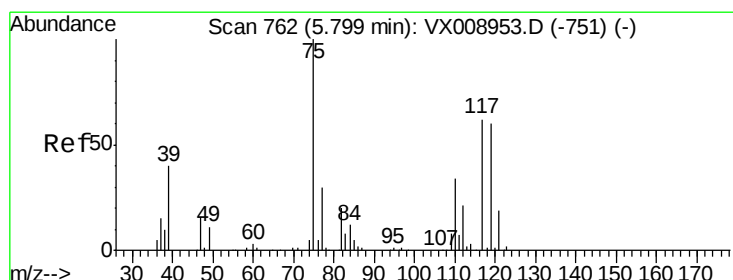
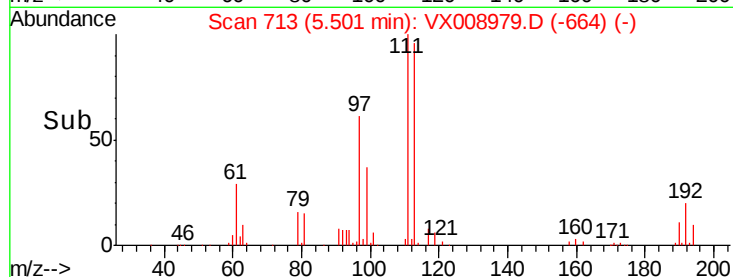
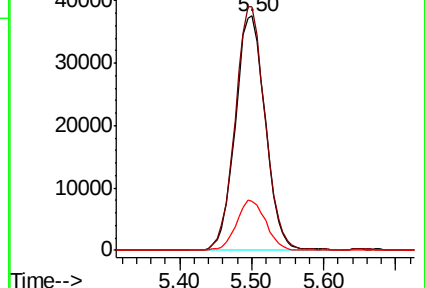
192 20.9 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.499 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

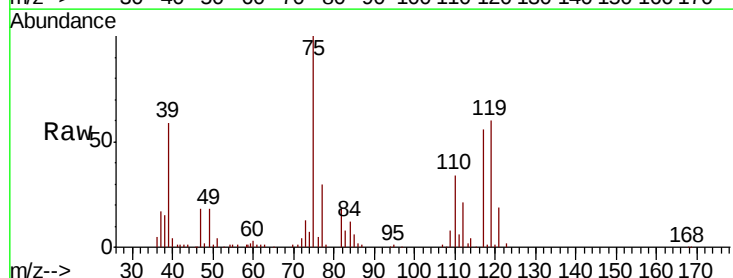
Tgt Ion: 75 Resp: 69932

Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.7

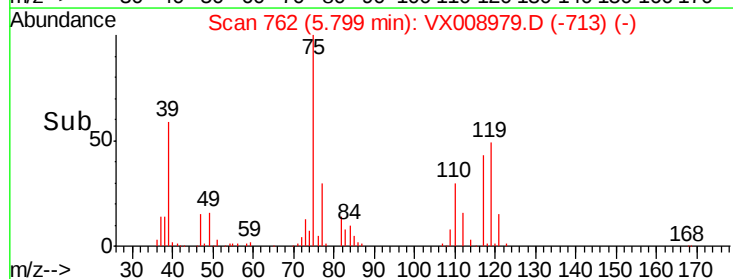
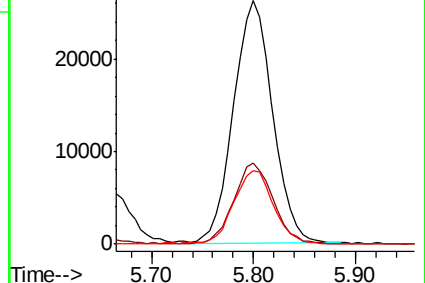
77 30.9 25.0 37.4

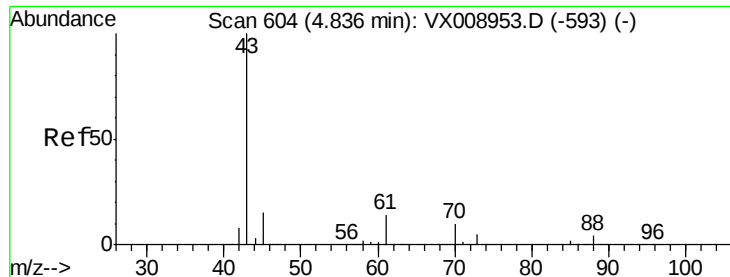


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

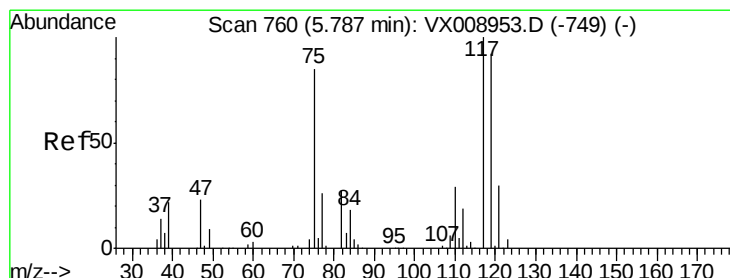
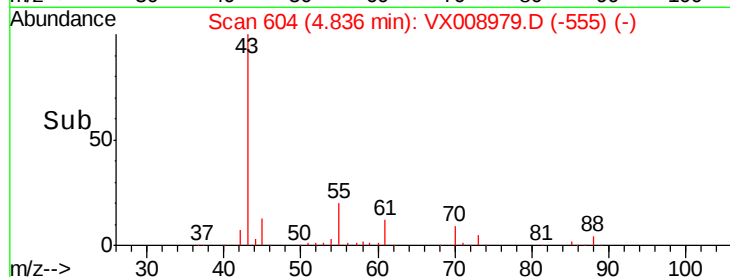
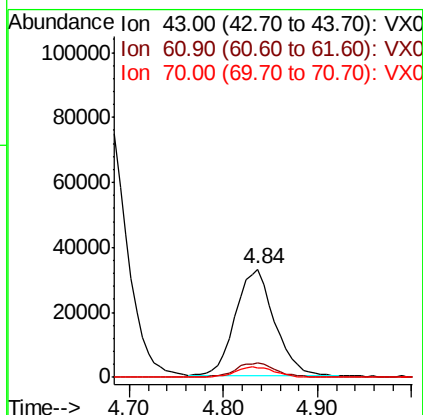
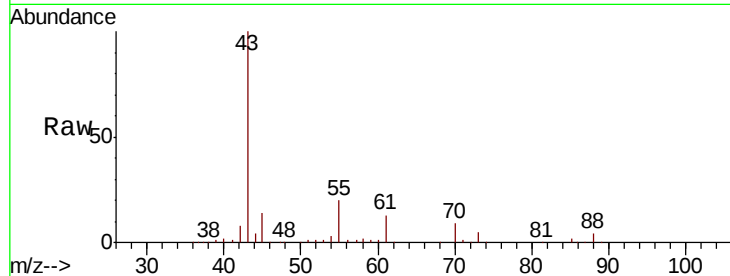




#37
Ethyl Acetate
Concen: 20.655 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

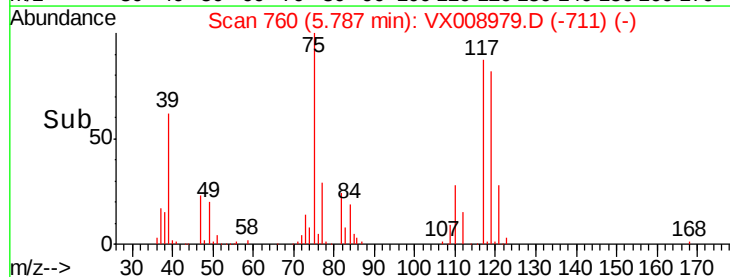
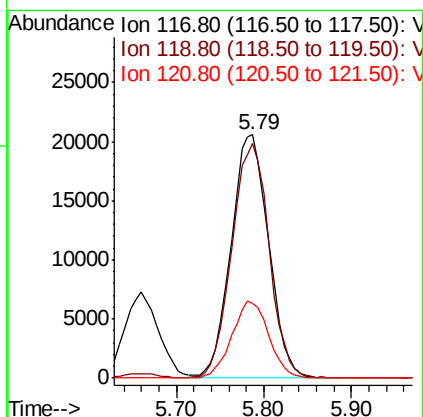
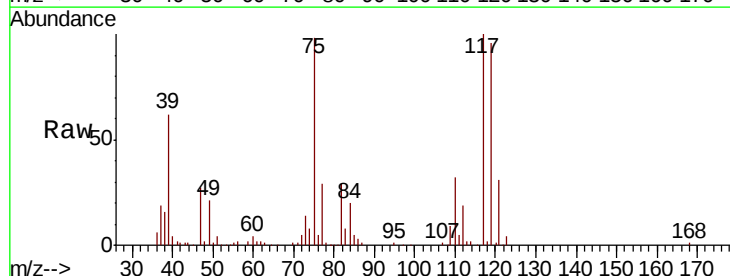
Instrument :
MSVOA_X
ClientSampled :
VX0416WBS01

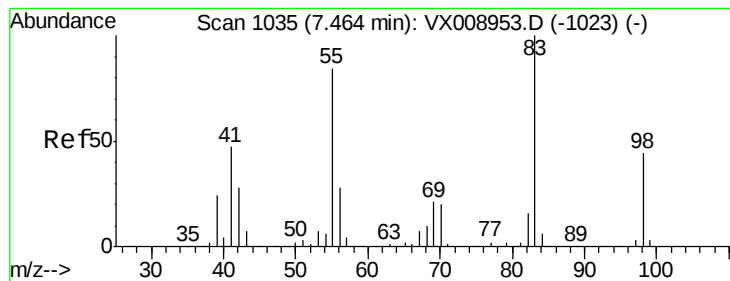
Tot Ion: 43 Resp: 95322
Ion Ratio Lower Upper
43 100
61 14.3 10.6 15.8
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.247 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 117 Resp: 61561
Ion Ratio Lower Upper
117 100
119 96.3 73.8 110.8
121 30.9 23.6 35.4





#39

Methvlcvclohexane

Concen: 20.197 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

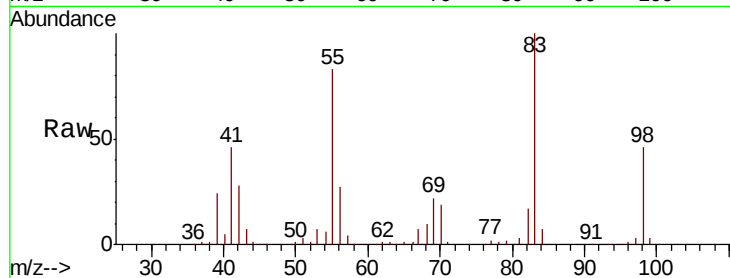
Tot Ion: 83 Resp: 88197

Ion Ratio Lower Upper

83 100

55 83.5 67.1 100.7

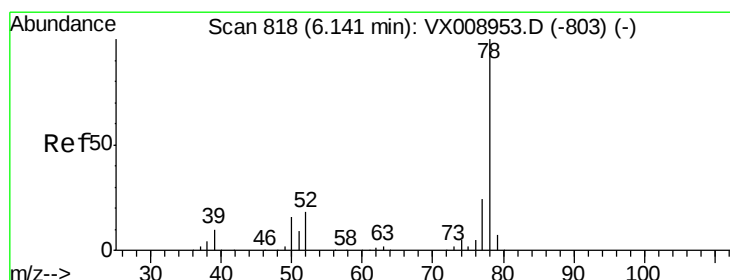
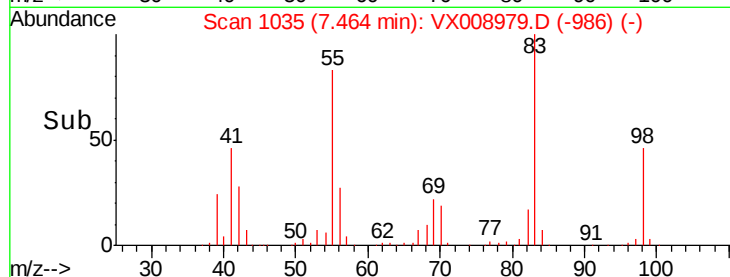
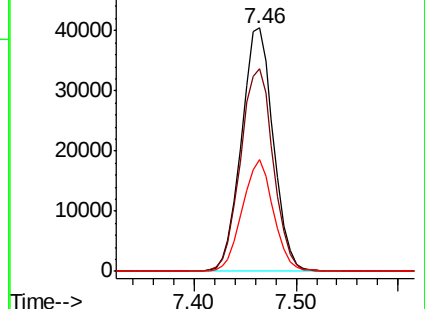
98 45.8 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.328 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008979.D

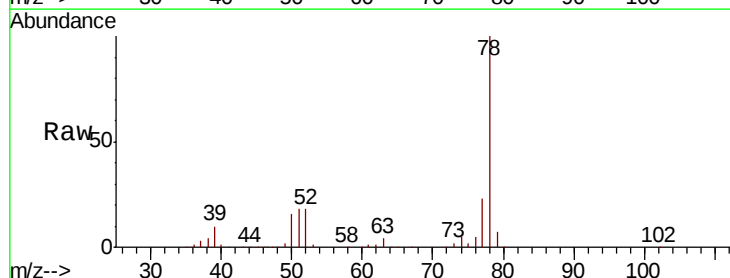
Acq: 16 Apr 2019 11:59

Tgt Ion: 78 Resp: 215085

Ion Ratio Lower Upper

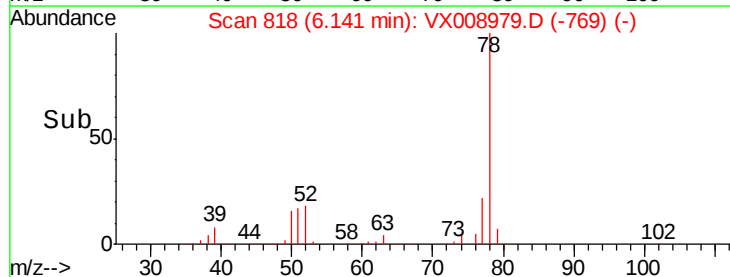
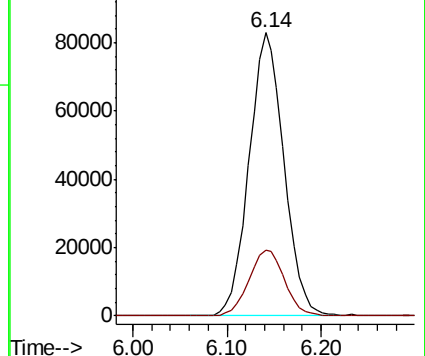
78 100

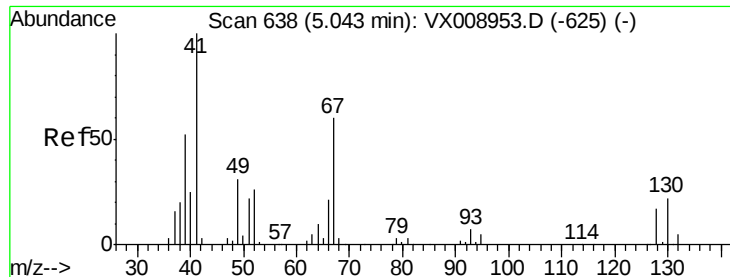
77 23.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

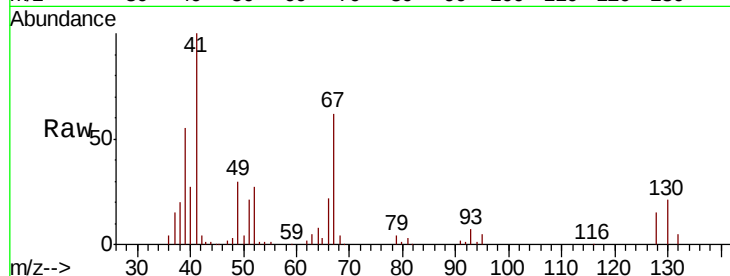




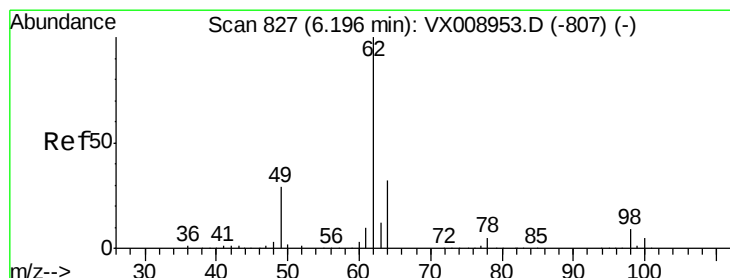
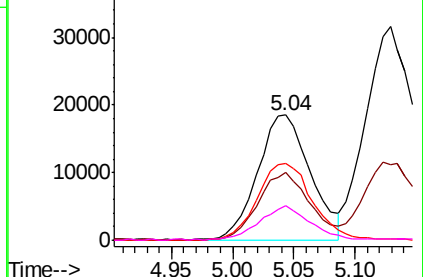
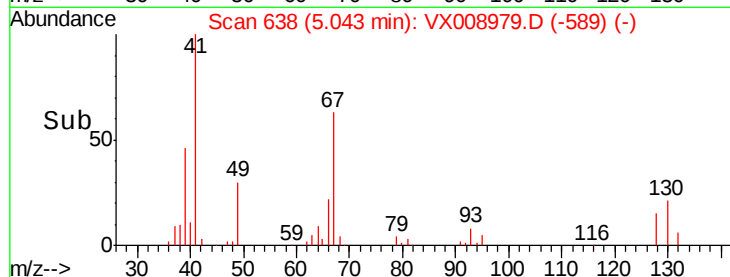
#41
Methacrylonitrile
Concen: 20.942 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 41 Resp: 55470
Ion Ratio Lower Upper
41 100
39 54.0 41.8 62.6
67 64.7 50.2 75.4
52 25.1 21.1 31.7

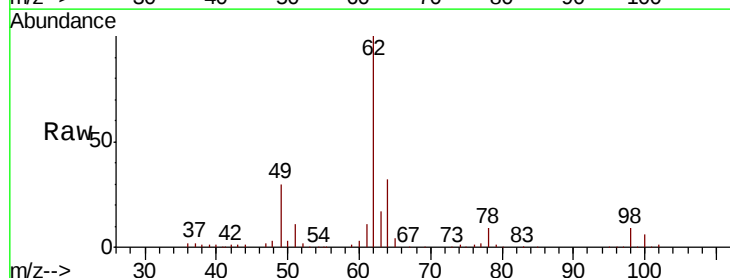


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

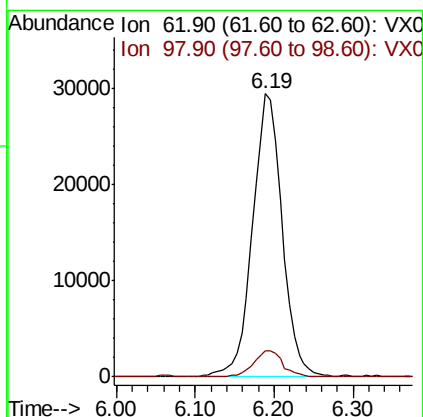
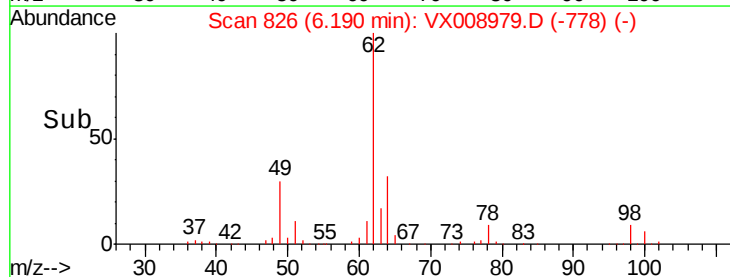


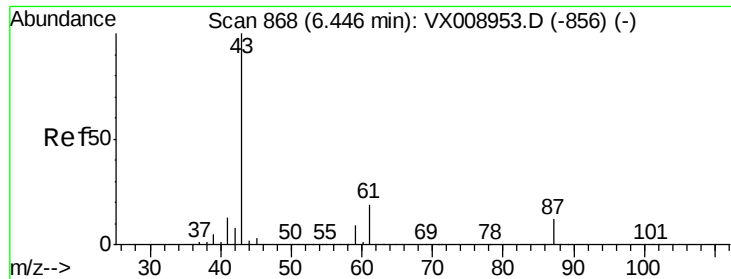
#42
1,2-Dichloroethane
Concen: 20.577 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 62 Resp: 77122
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



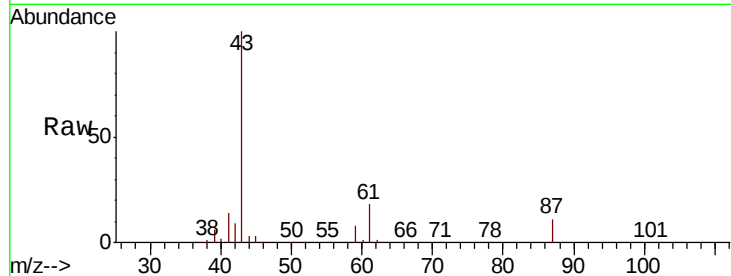


#43

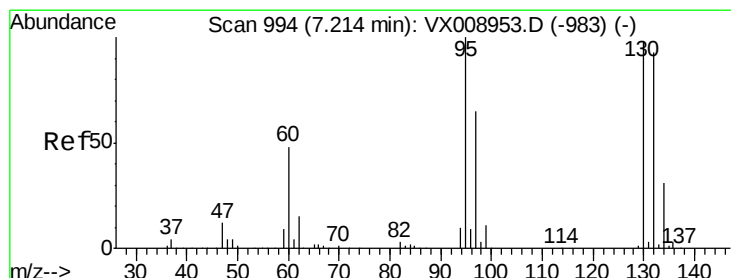
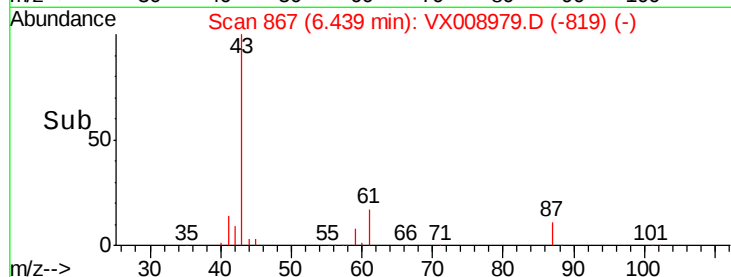
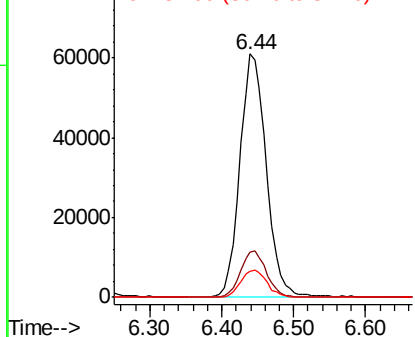
Isopropyl Acetate
 Concen: 20.663 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion: 43 Resp: 153673
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.4 23.0
 87 11.5 9.0 13.4



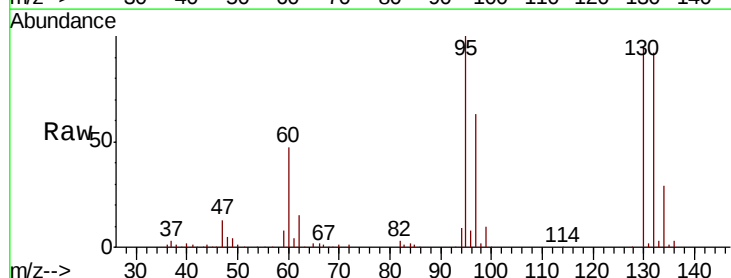
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



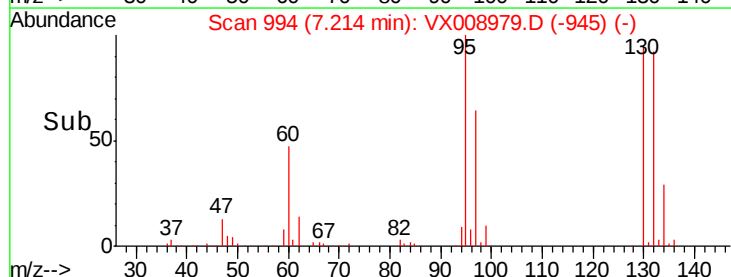
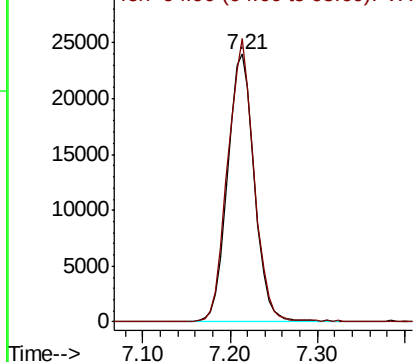
#44

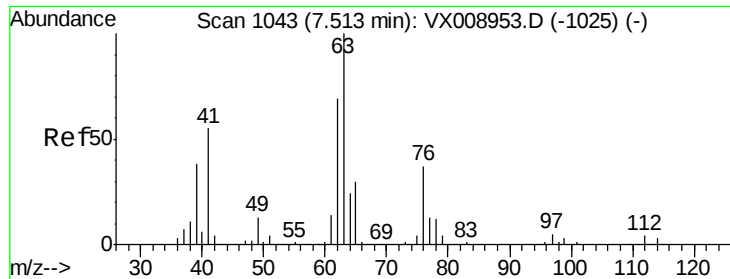
Trichloroethene
 Concen: 19.723 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion:130 Resp: 51130
 Ion Ratio Lower Upper
 130 100
 95 105.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

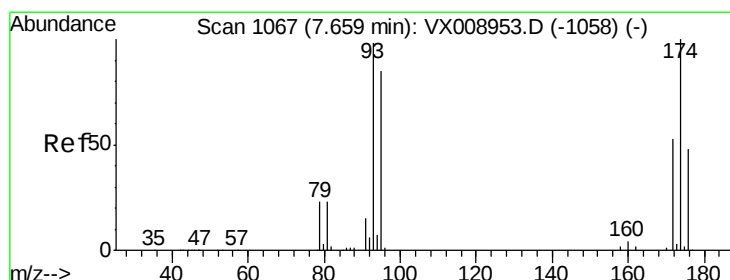
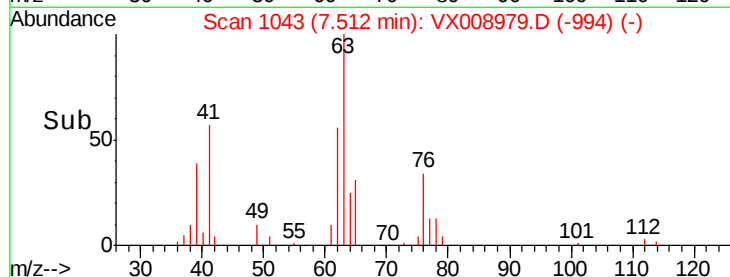
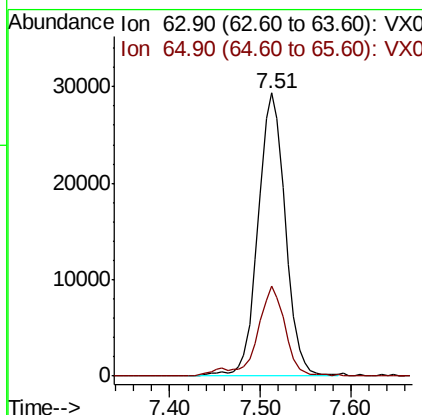
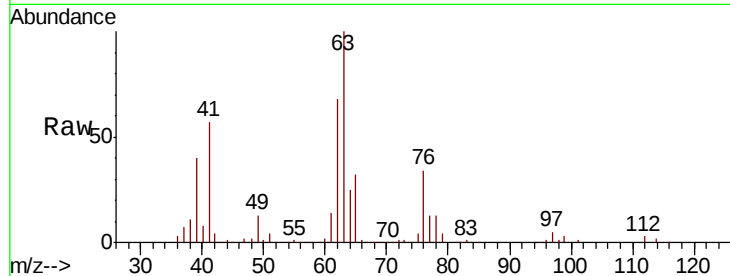




#45
 1,2-Dichloropropane
 Concen: 20.861 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

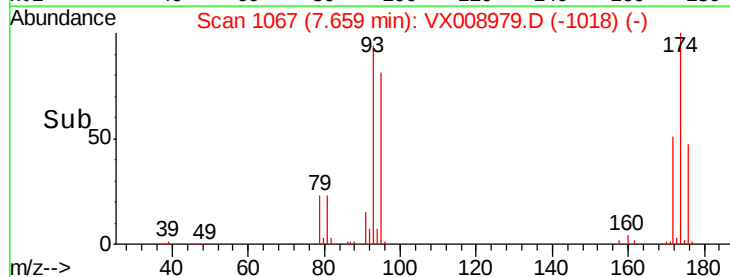
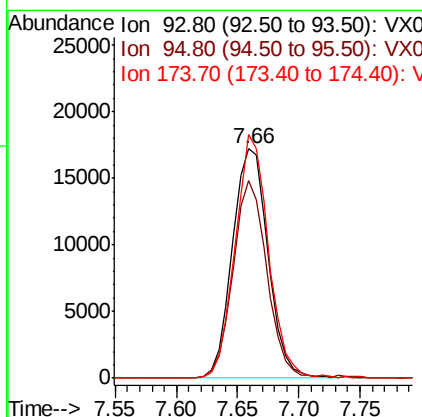
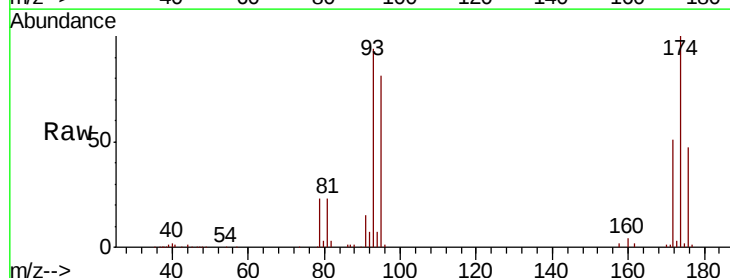
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

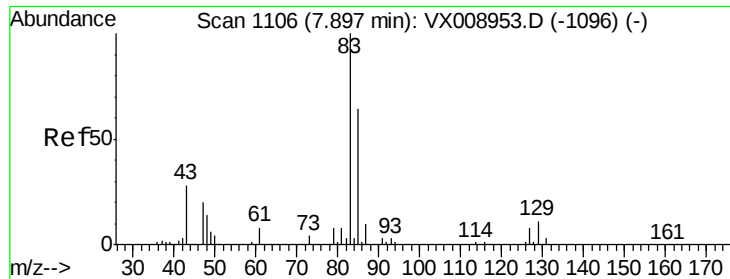
Tot Ion: 63 Resp: 61233
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.1 36.1



#46
 Dibromomethane
 Concen: 20.330 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 93 Resp: 34729
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.0 100.4
 174 99.6 81.6 122.4





#47

Bromodichloromethane

Concen: 19.954 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

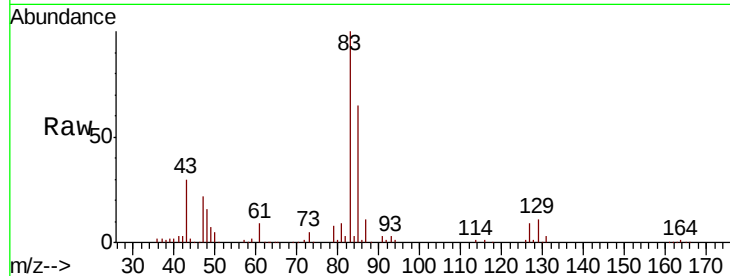
Tot Ion: 83 Resp: 66856

Ion Ratio Lower Upper

83 100

85 64.8 50.8 76.2

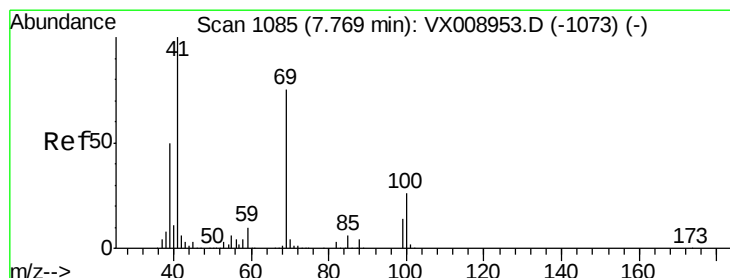
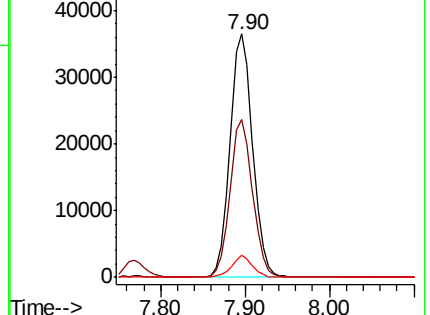
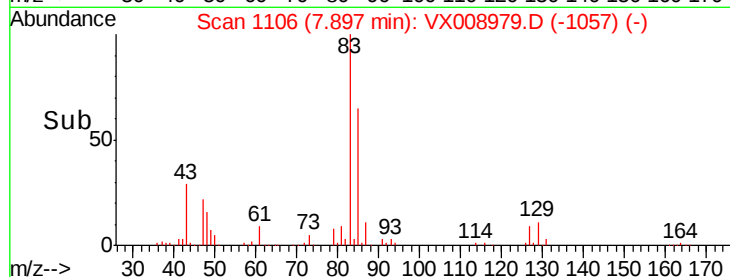
127 9.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.061 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

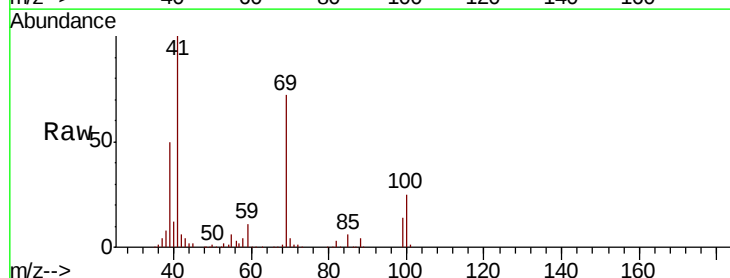
Tgt Ion: 41 Resp: 77396

Ion Ratio Lower Upper

41 100

69 74.6 59.4 89.2

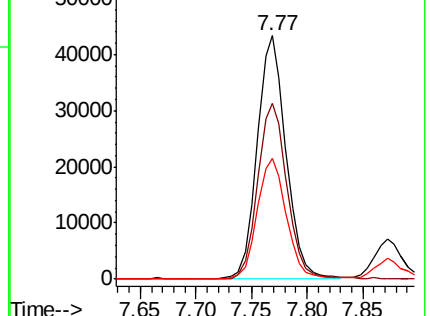
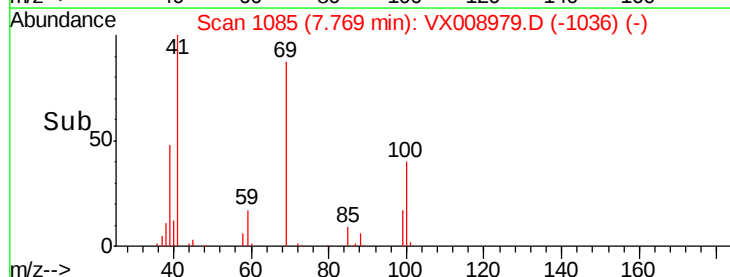
39 51.4 39.8 59.6

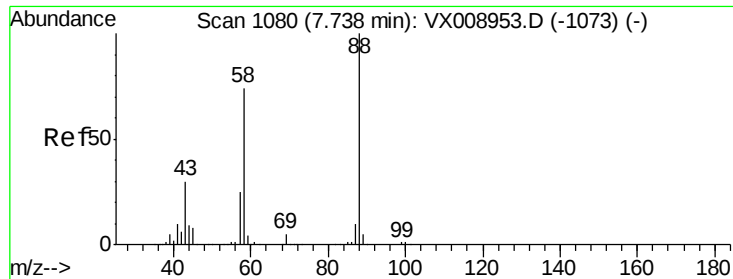


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

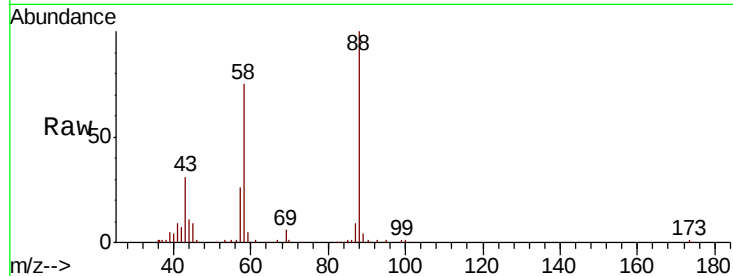




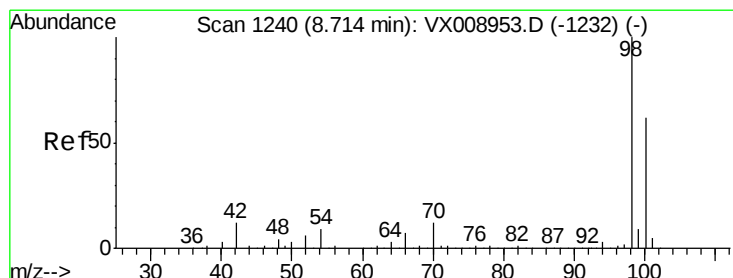
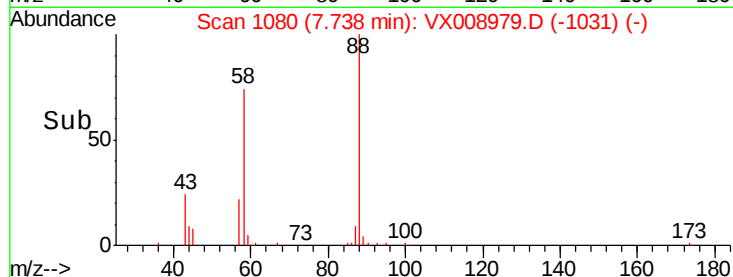
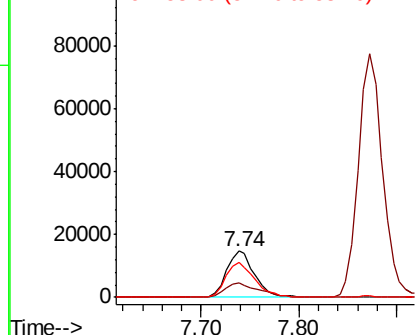
#49
1,4-Dioxane
Concen: 426.518 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 88 Resp: 29336
Ion Ratio Lower Upper
88 100
43 35.2 29.3 43.9
58 78.5 62.6 93.8

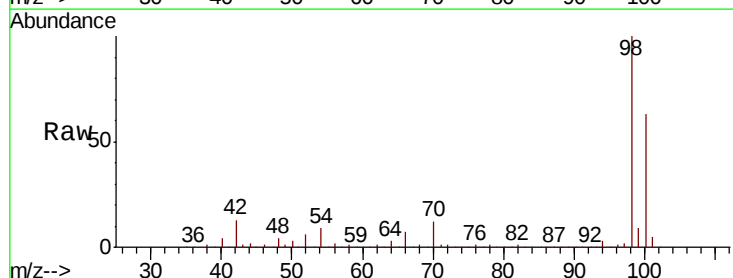


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

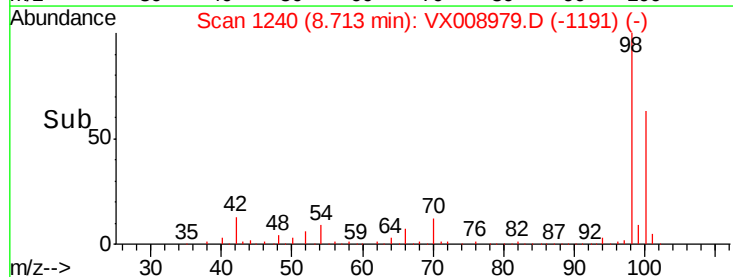
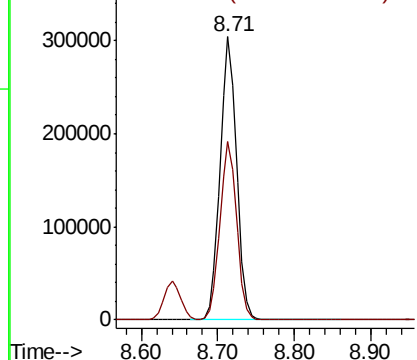


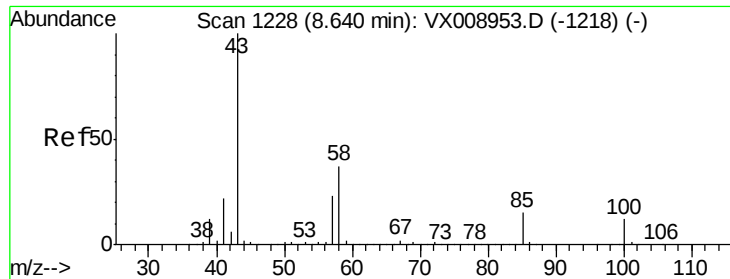
#50
Toluene-d8
Concen: 51.123 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 98 Resp: 453758
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 107.553 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

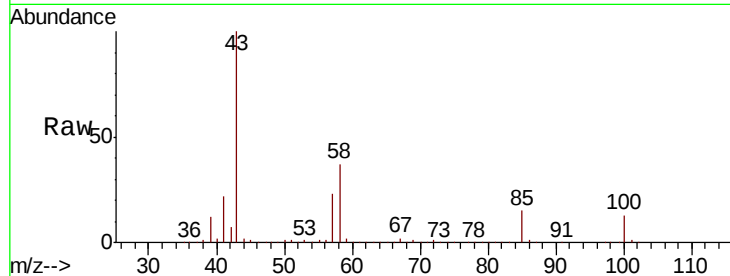
VX0416WBS01

Tot Ion: 43 Resp: 509588

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

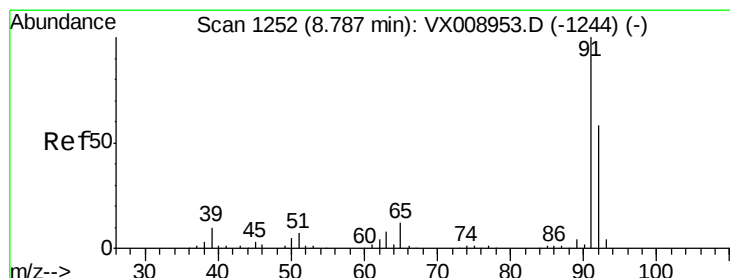
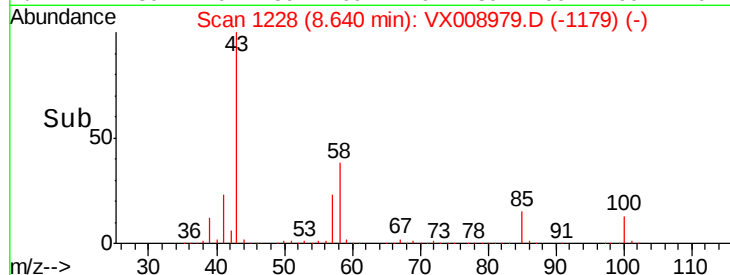
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.677 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008979.D

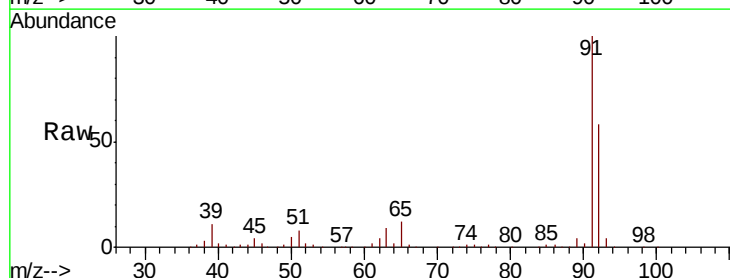
Acq: 16 Apr 2019 11:59

Tgt Ion: 92 Resp: 131117

Ion Ratio Lower Upper

92 100

91 172.5 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

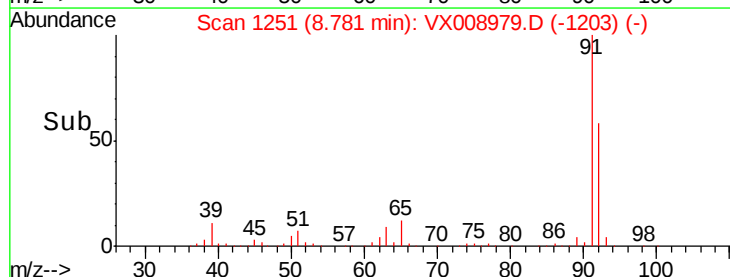
150000

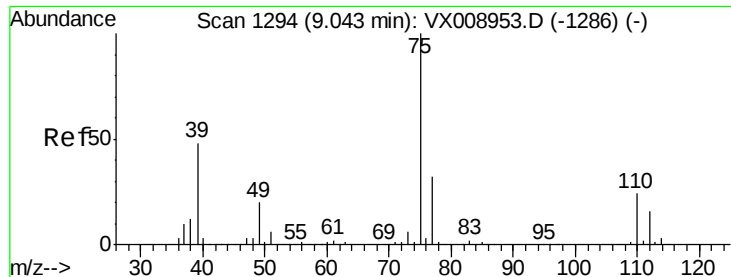
100000

50000

0

Time-->

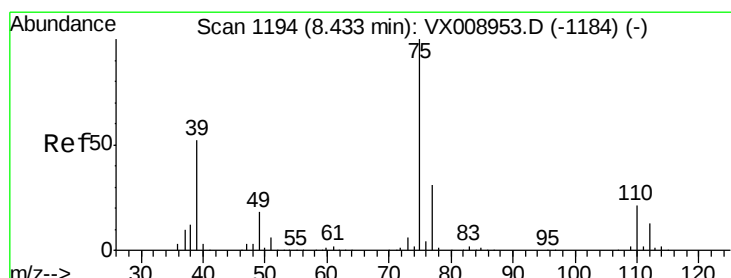
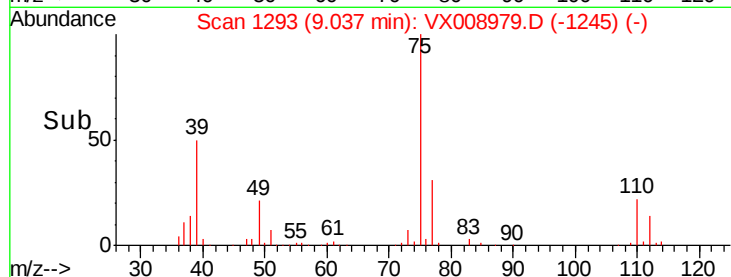
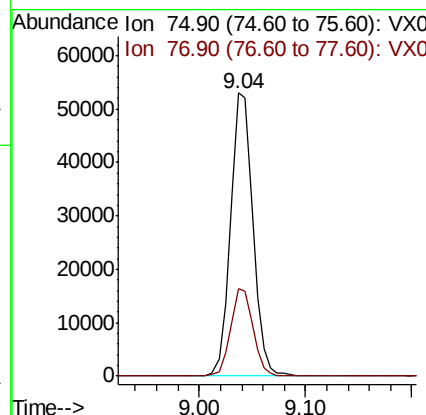
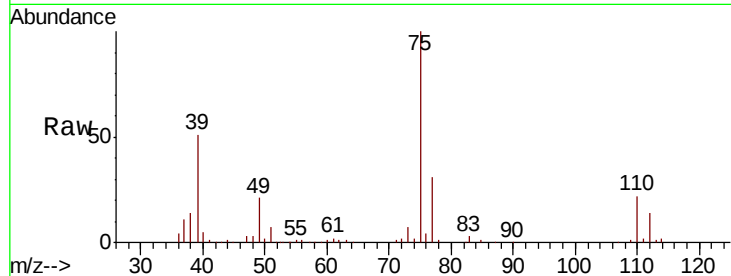




#53
 t-1,3-Dichloropropene
 Concen: 20.350 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

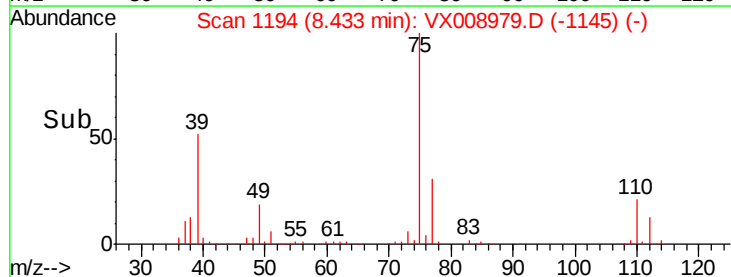
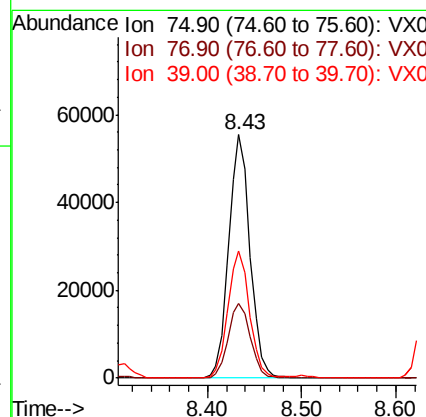
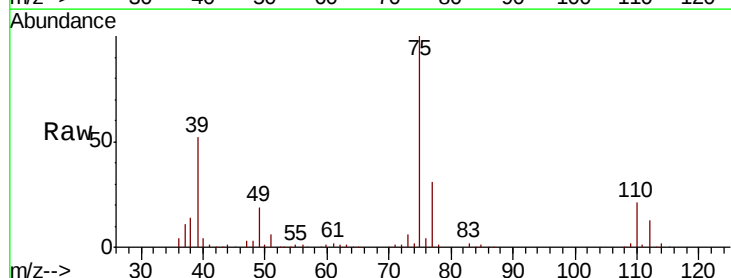
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

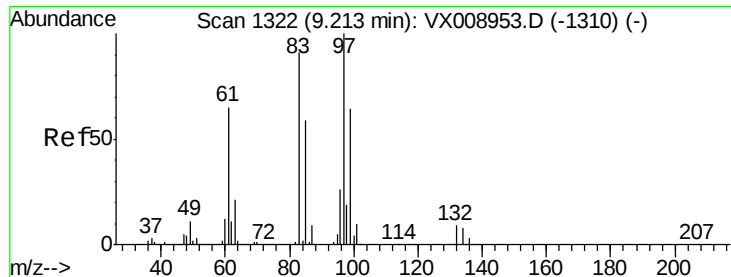
Tot Ion: 75 Resp: 78469
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.103 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 75 Resp: 86796
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2
 39 52.1 41.8 62.6



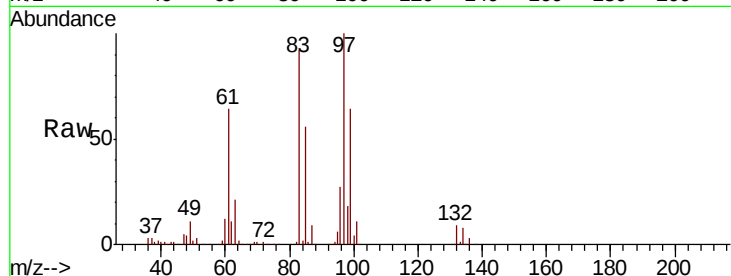


#55
 1,1,2-Trichloroethane
 Concen: 20.753 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

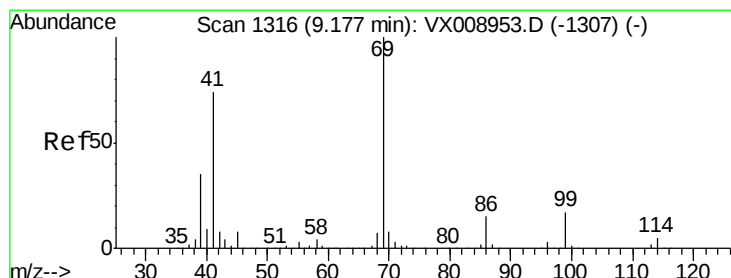
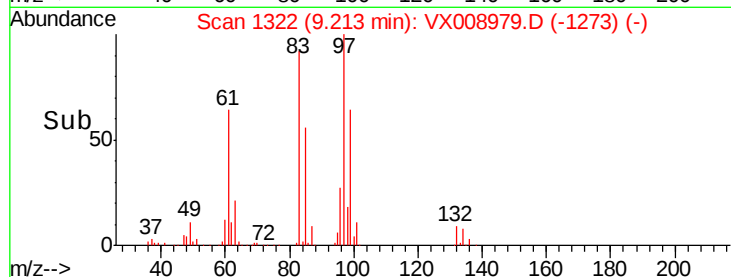
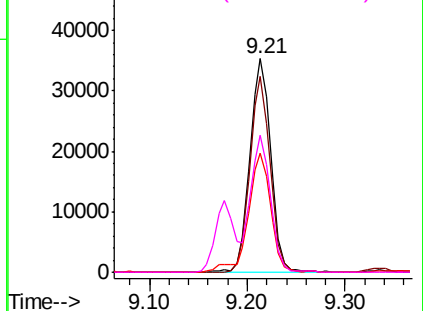
Instrument :
 MSVOA_X
 ClientSampled :
 VX0416WBS01

Tot Ion: 97 Resp: 52155

Ion	Ratio	Lower	Upper
97	100		
83	91.7	72.6	108.8
85	55.7	46.9	70.3
99	64.0	51.0	76.6



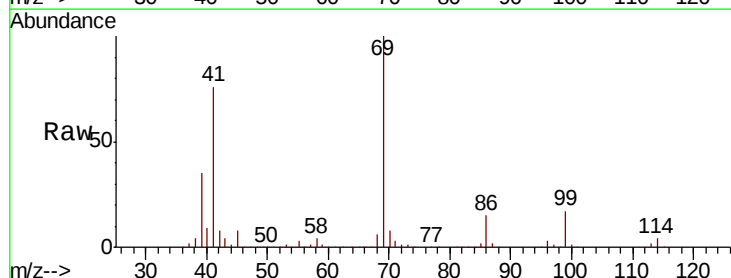
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



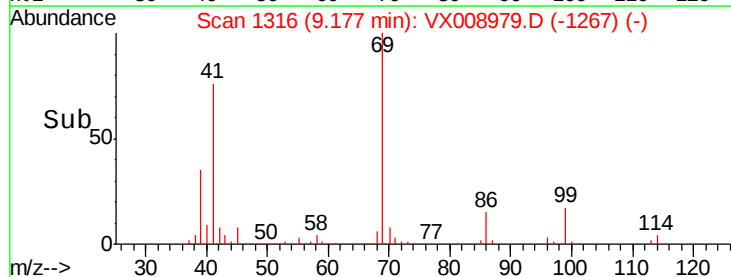
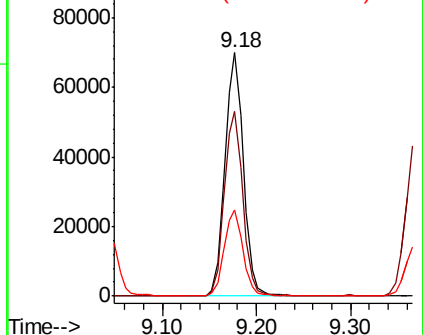
#56
 Ethyl methacrylate
 Concen: 21.177 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

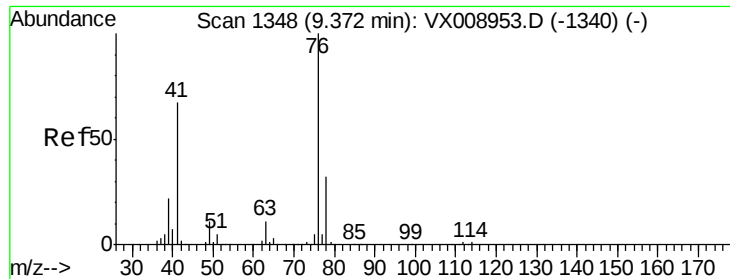
Tgt Ion: 69 Resp: 95430

Ion	Ratio	Lower	Upper
69	100		
41	75.7	60.2	90.2
39	35.4	27.9	41.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.820 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

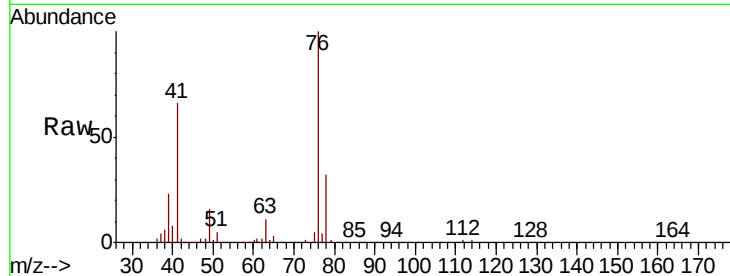
VX0416WBS01

Tot Ion: 76 Resp: 93164

Ion Ratio Lower Upper

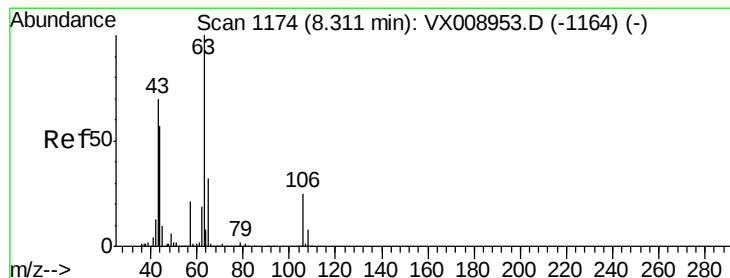
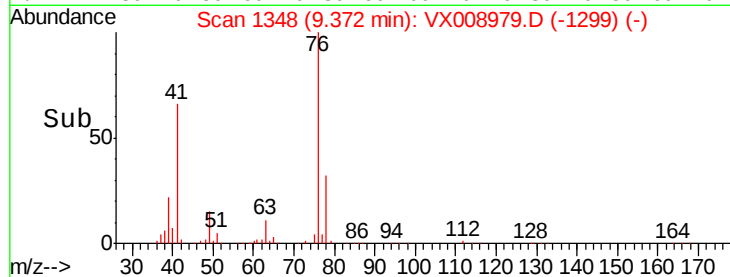
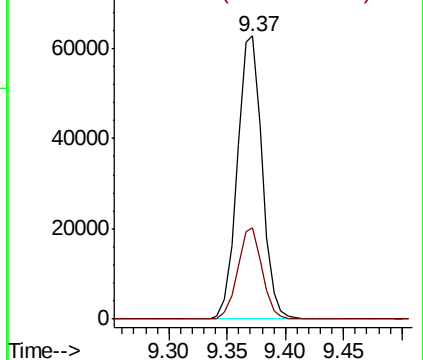
76 100

78 31.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.648 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008979.D

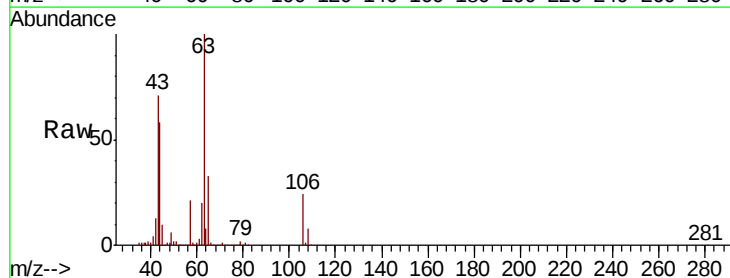
Acq: 16 Apr 2019 11:59

Tgt Ion: 63 Resp: 244239

Ion Ratio Lower Upper

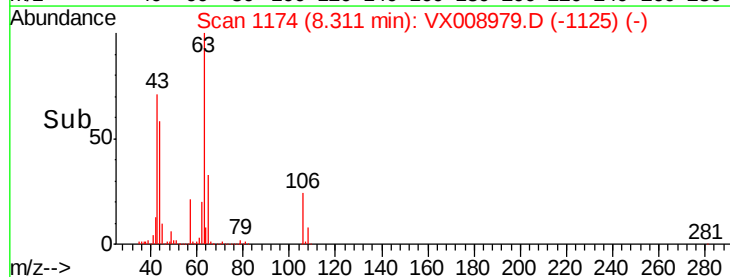
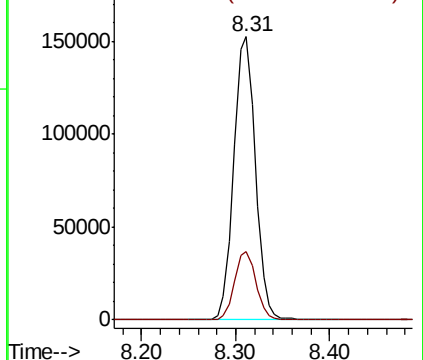
63 100

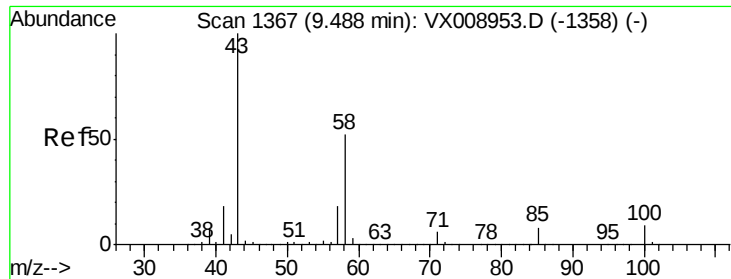
106 24.1 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

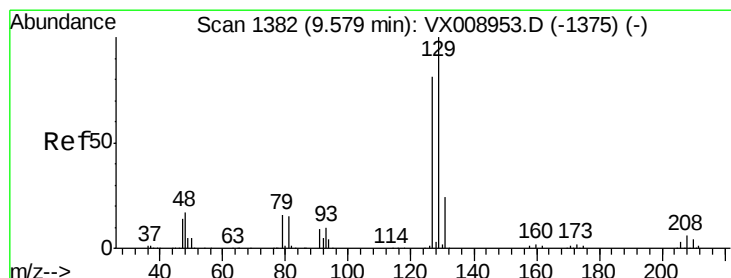
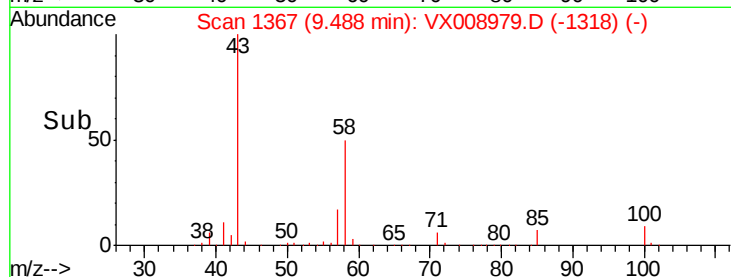
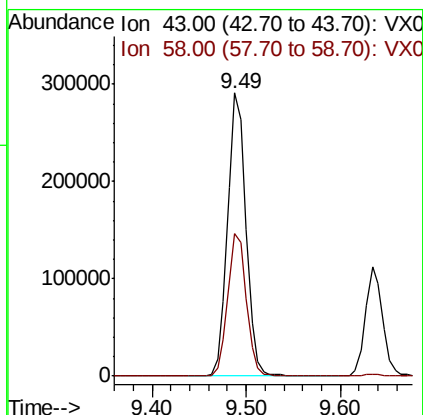
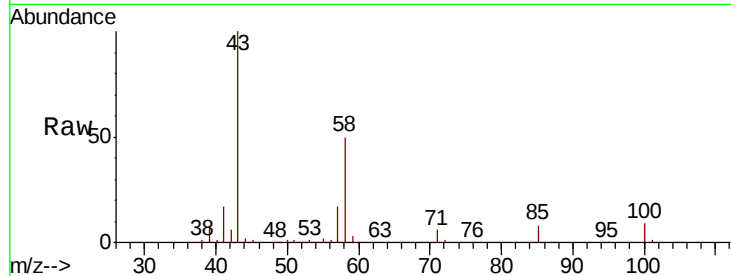




#59
2-Hexanone
Concen: 108.219 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

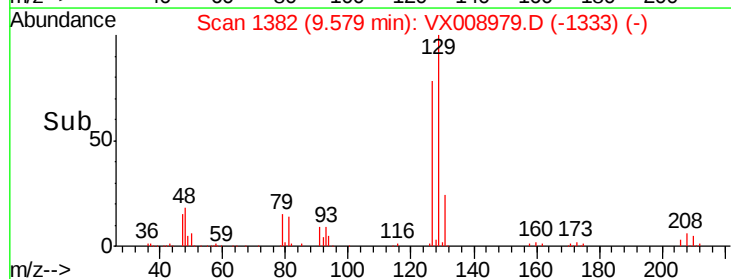
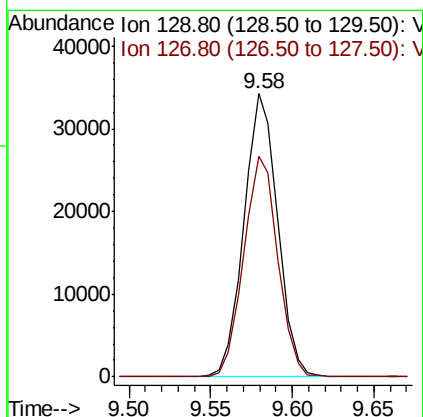
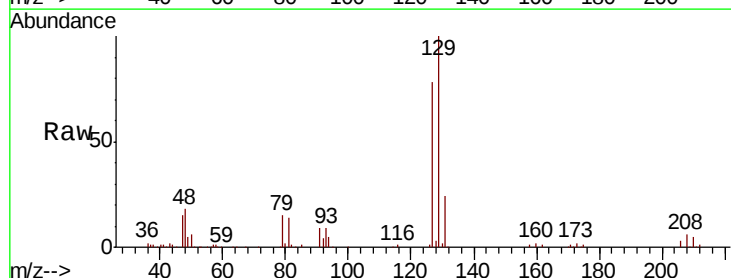
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

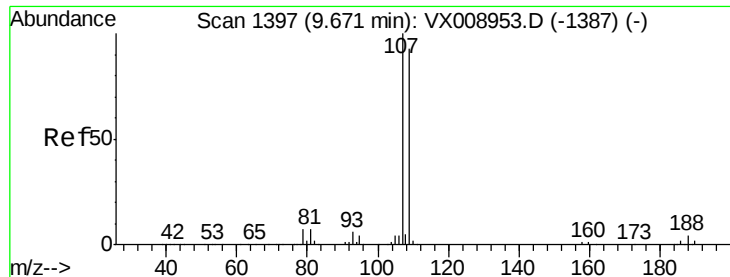
Tot Ion: 43 Resp: 395316
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 20.502 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 129 Resp: 49382
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.625 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

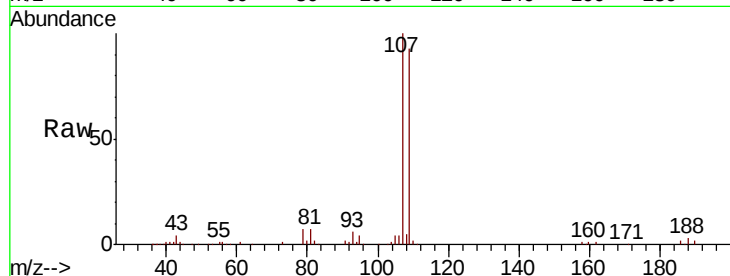
VX0416WBS01

Tot Ion:107 Resp: 53498

Ion Ratio Lower Upper

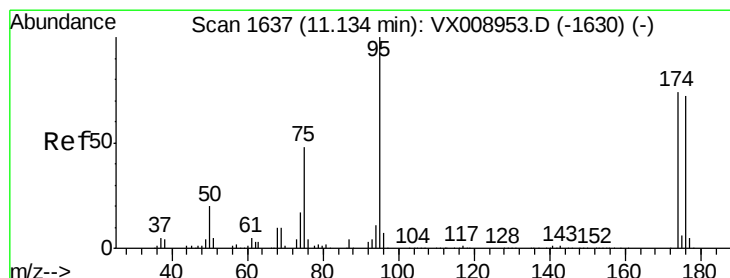
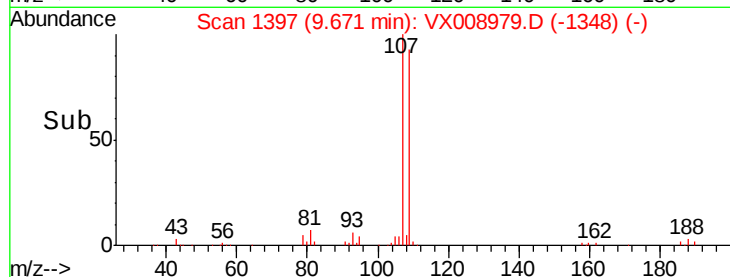
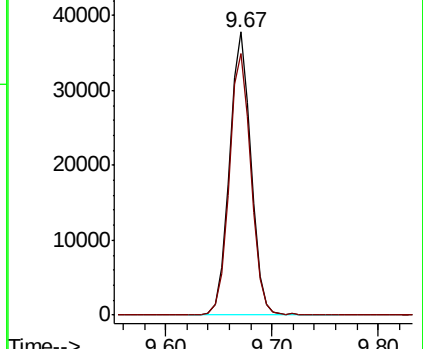
107 100

109 93.5 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.317 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

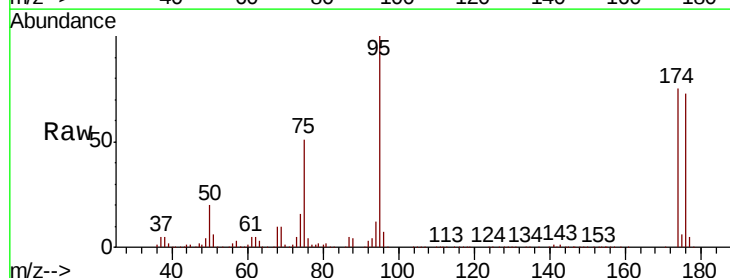
Tgt Ion: 95 Resp: 160783

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.6

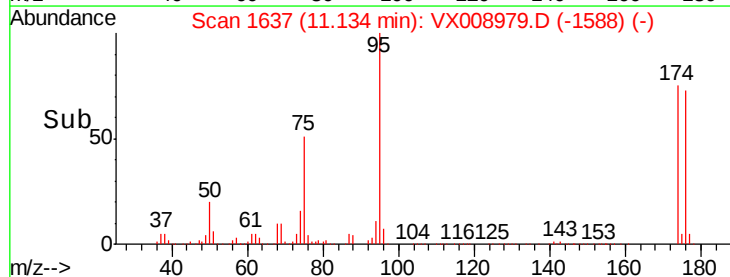
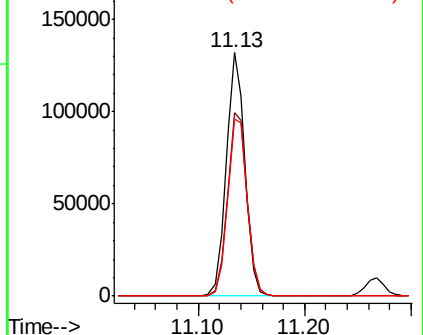
176 77.3 0.0 154.8

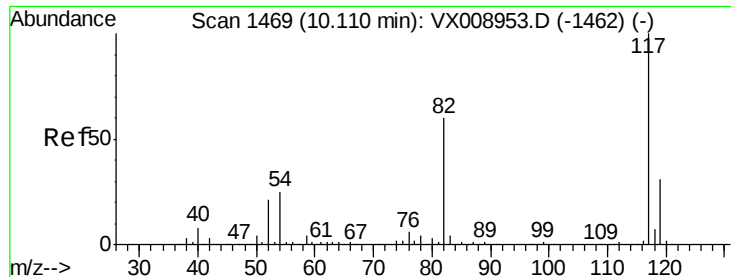


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

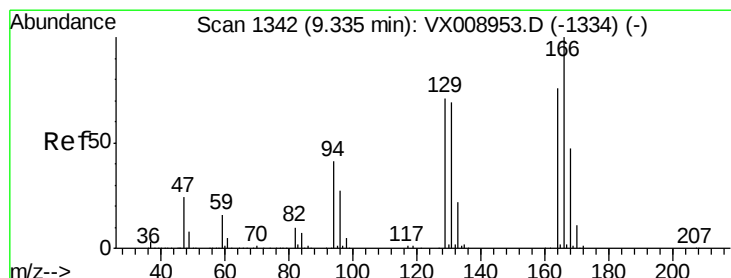
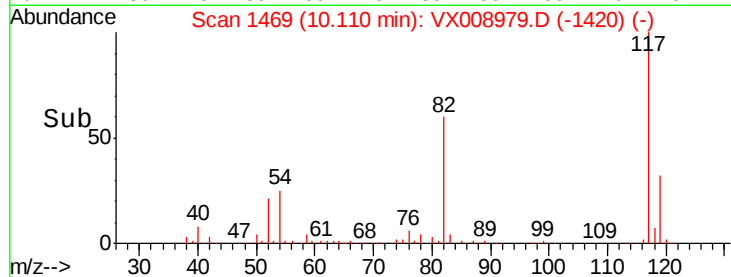
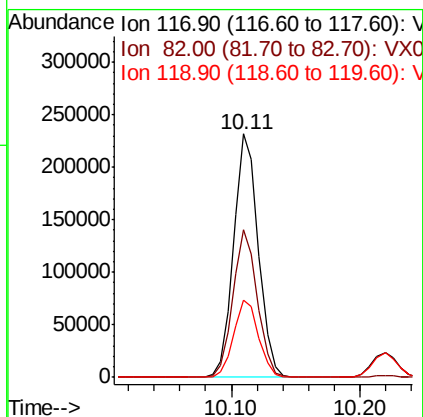
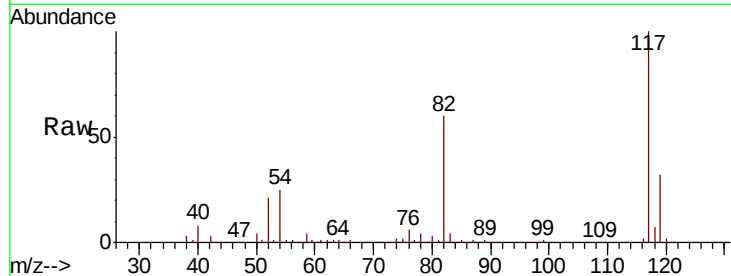




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

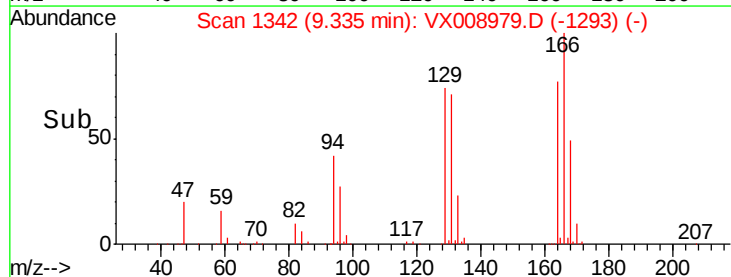
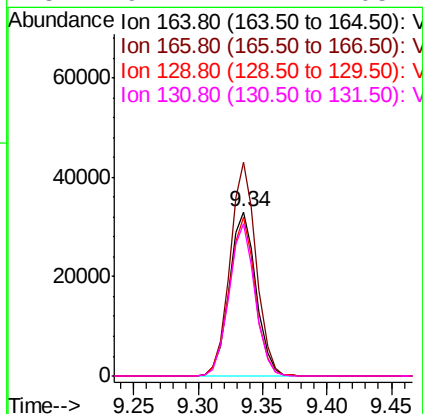
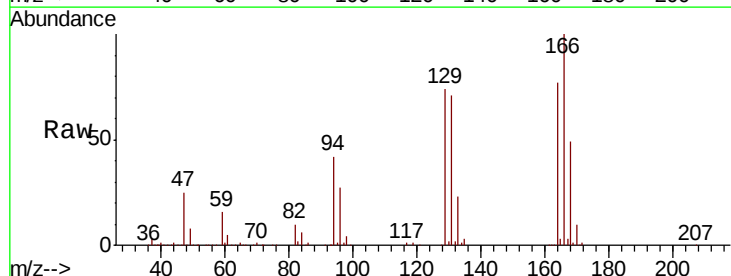
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

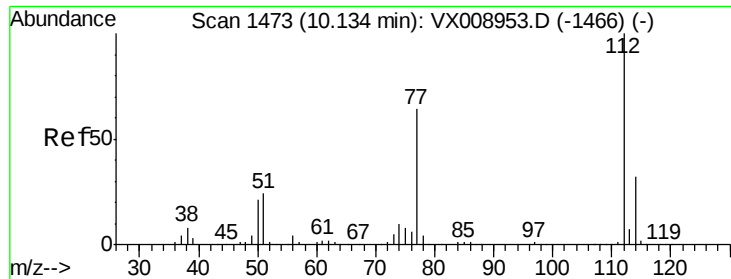
Tot Ion:117 Resp: 308951
Ion Ratio Lower Upper
117 100
82 60.5 48.2 72.4
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 20.467 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion:164 Resp: 48038
Ion Ratio Lower Upper
164 100
166 129.9 105.0 157.4
129 96.6 74.2 111.4
131 92.4 72.2 108.2

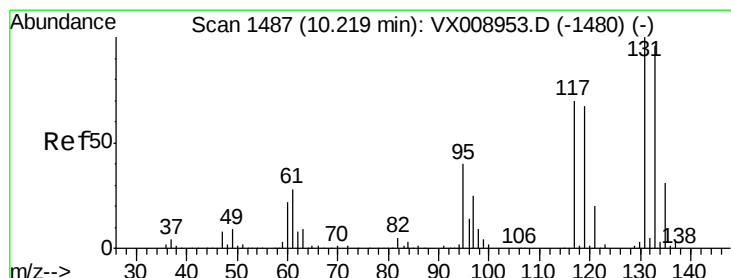
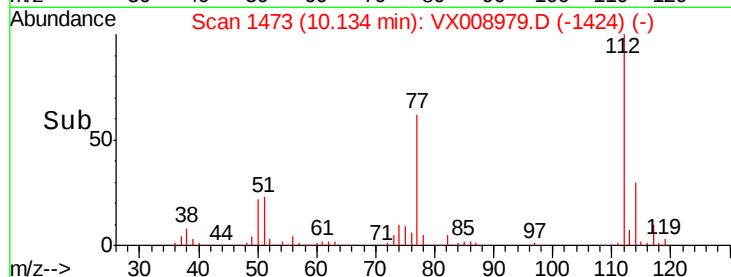
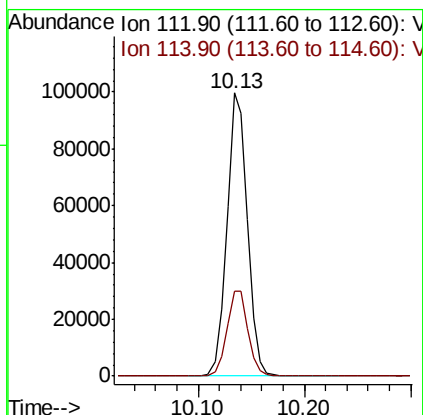
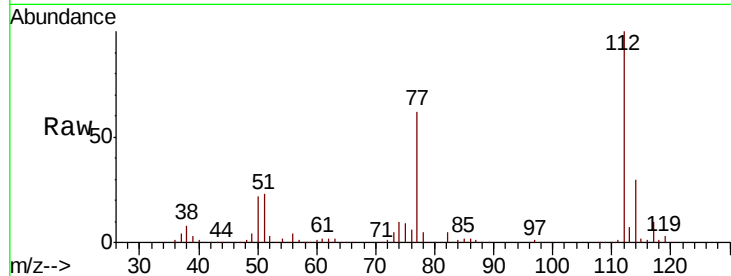




#65
Chlorobenzene
Concen: 20.471 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

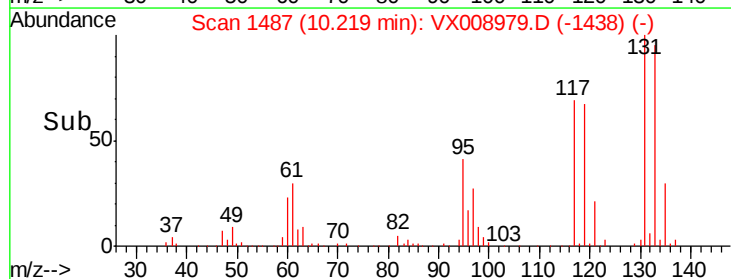
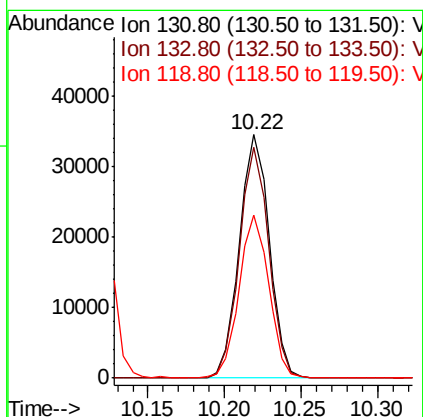
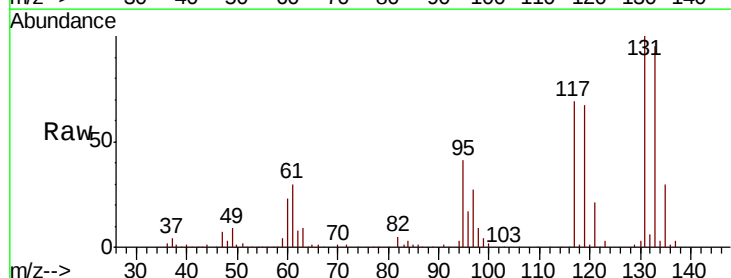
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

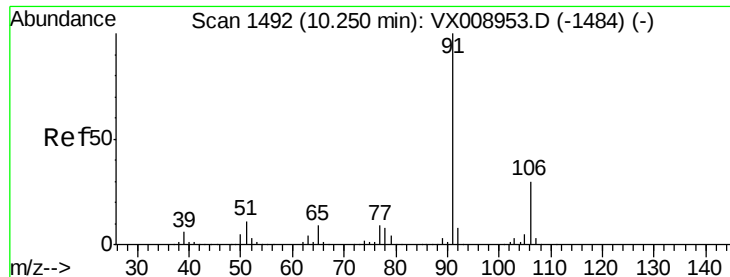
Tot Ion:112 Resp: 133495
Ion Ratio Lower Upper
112 100
114 29.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.505 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion:131 Resp: 47106
Ion Ratio Lower Upper
131 100
133 93.0 48.0 144.2
119 66.6 33.7 101.1





#67

Ethyl Benzene

Concen: 20.630 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

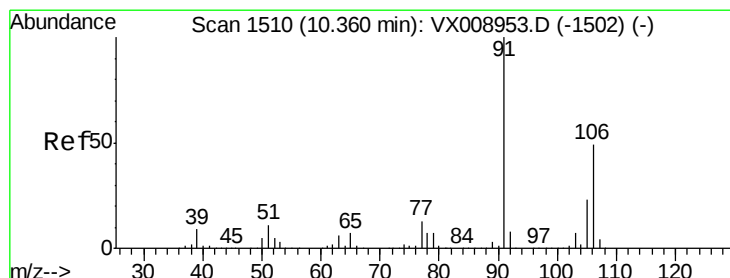
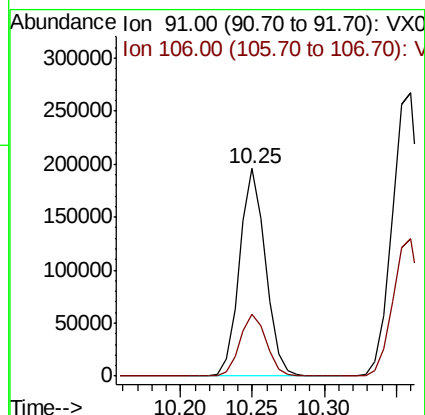
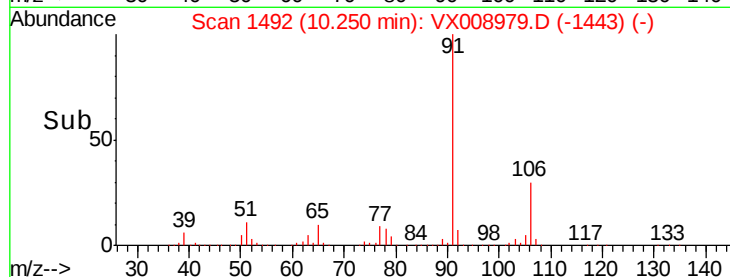
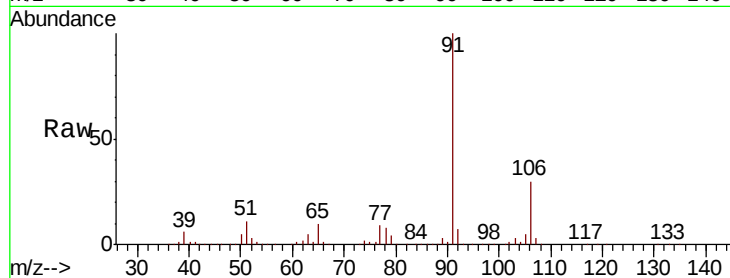
VX0416WBS01

Tot Ion: 91 Resp: 245930

Ion Ratio Lower Upper

91 100

106 30.0 24.3 36.5



#68

m/p-Xylenes

Concen: 41.191 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008979.D

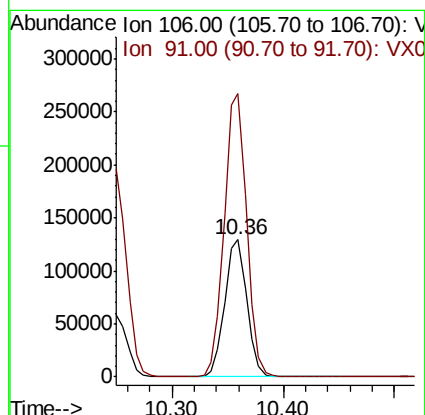
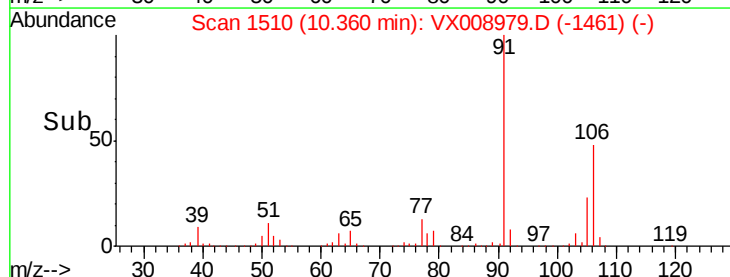
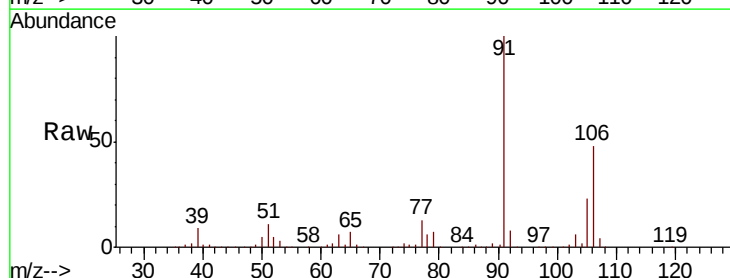
Acq: 16 Apr 2019 11:59

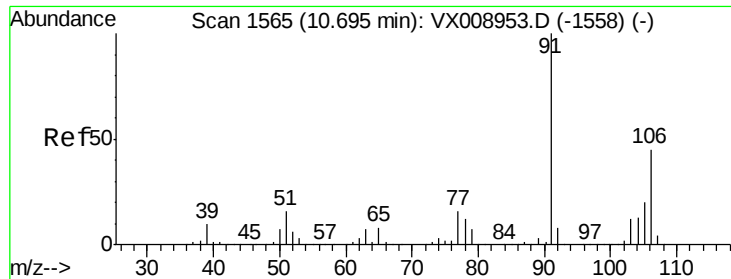
Tgt Ion: 106 Resp: 178453

Ion Ratio Lower Upper

106 100

91 208.1 165.4 248.2

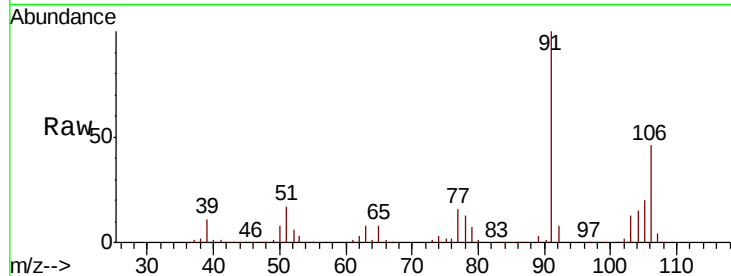




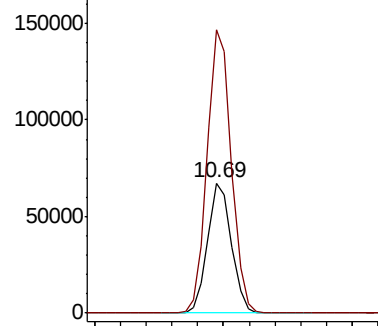
#69
o-Xylene
Concen: 20.702 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

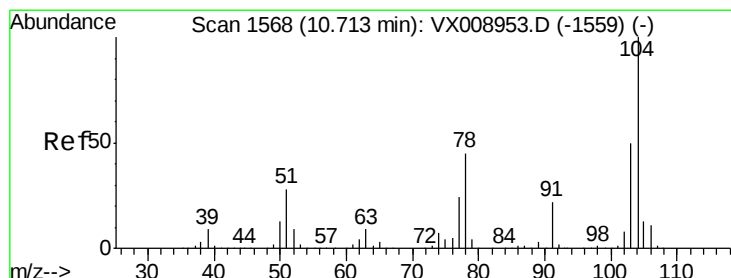
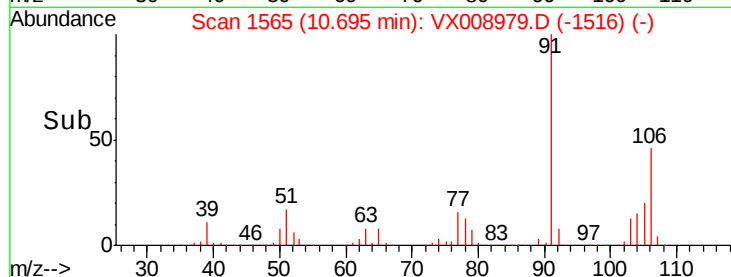
Tot Ion:106 Resp: 87268
Ion Ratio Lower Upper
106 100
91 219.7 108.9 326.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

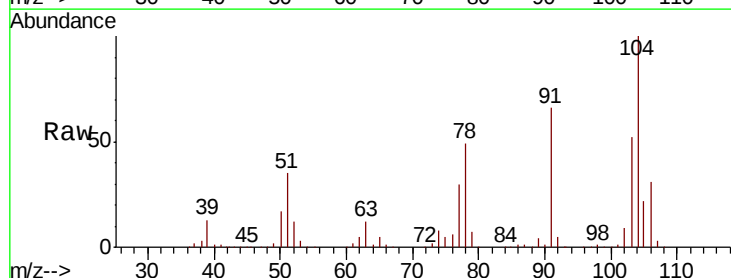


Time--> 10.60 10.70 10.80

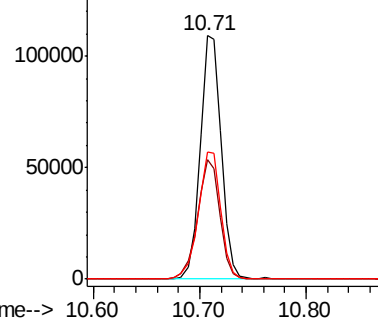


#70
Styrene
Concen: 20.725 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

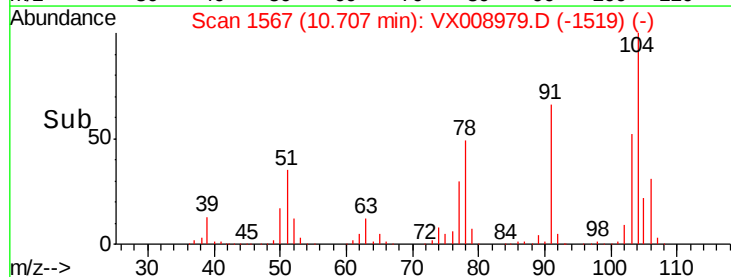
Tgt Ion:104 Resp: 151396
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 55.8 43.9 65.9

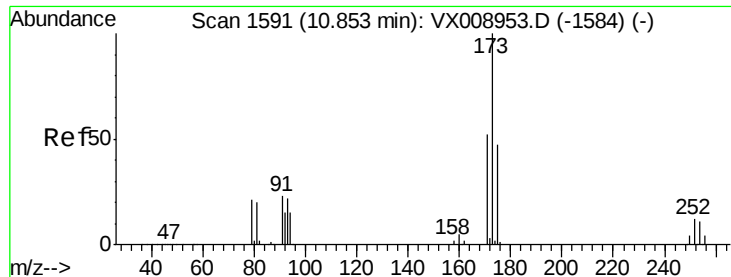


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 19.784 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

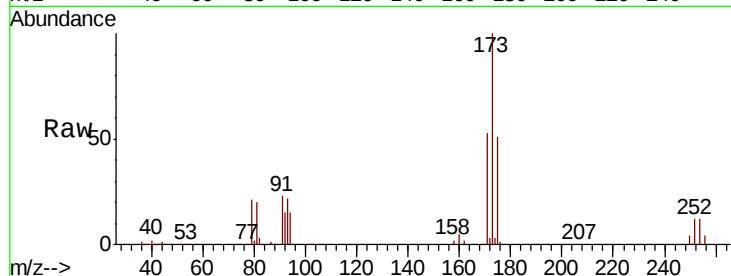
Tot Ion:173 Resp: 36210

Ion Ratio Lower Upper

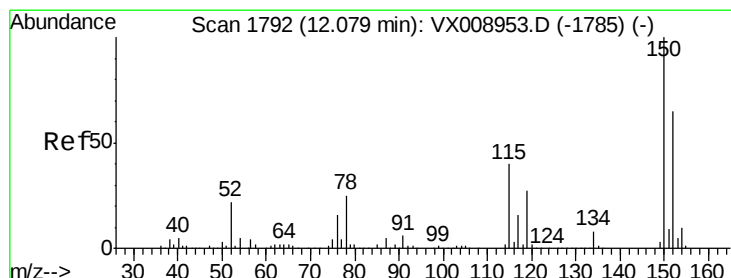
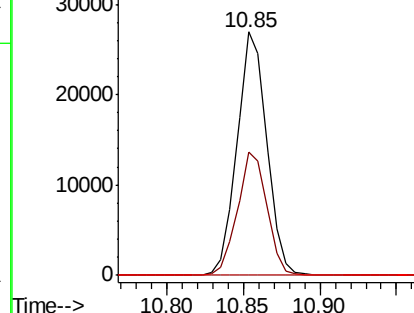
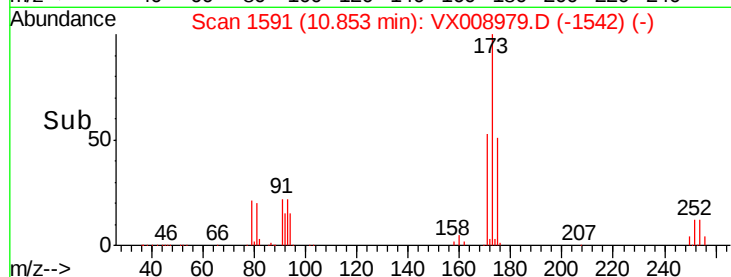
173 100

175 50.4 23.9 71.8

254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

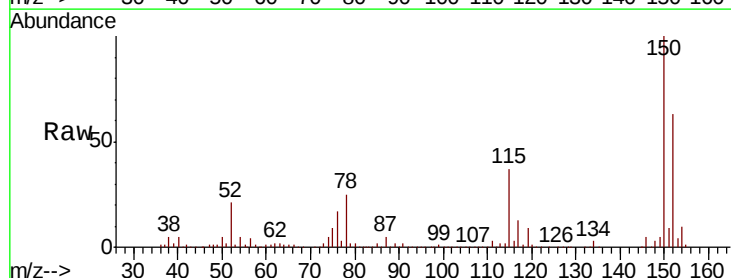
Tgt Ion:152 Resp: 146206

Ion Ratio Lower Upper

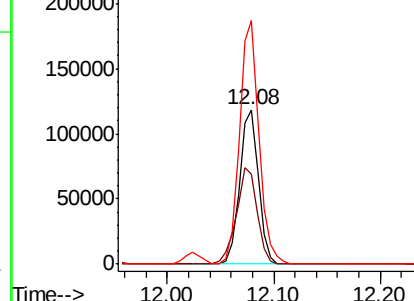
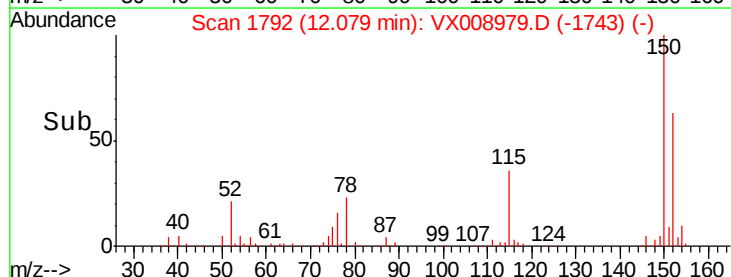
152 100

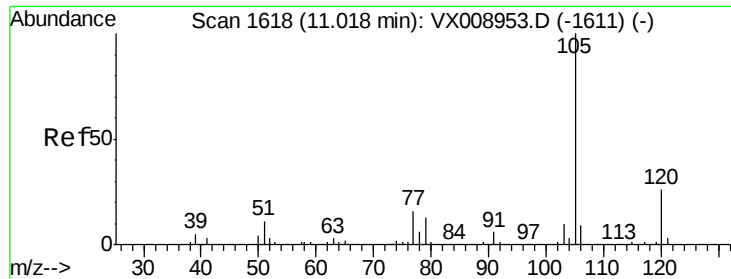
115 69.4 41.4 124.2

150 163.4 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.051 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

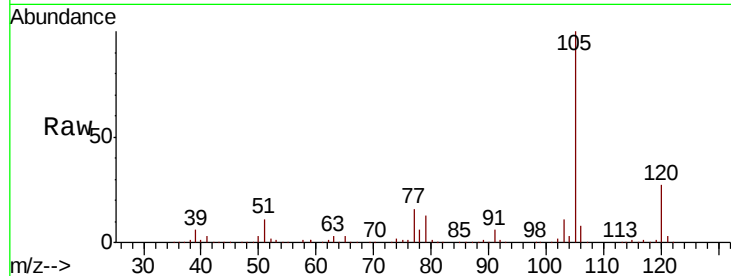
VX0416WBS01

Tot Ion:105 Resp: 233290

Ion Ratio Lower Upper

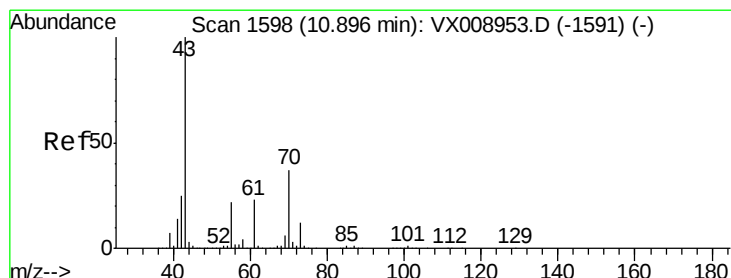
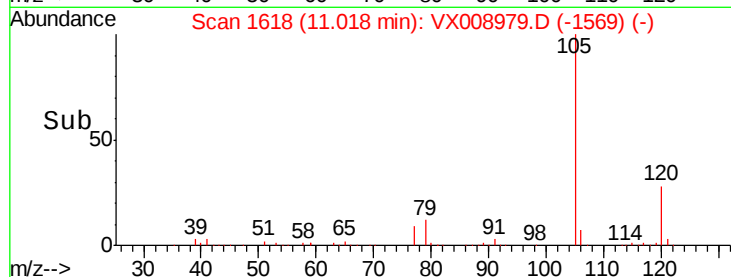
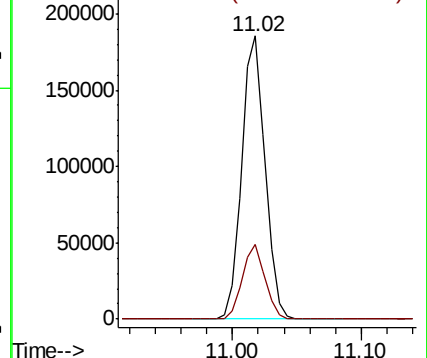
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.199 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion: 43 Resp: 134891

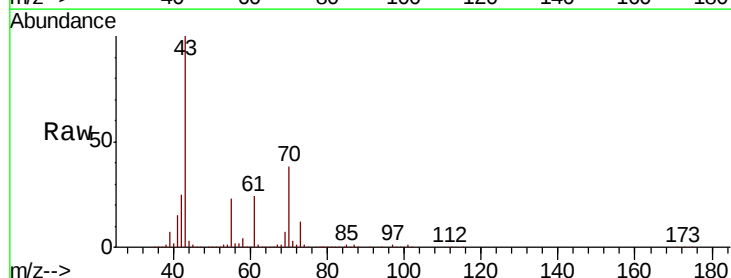
Ion Ratio Lower Upper

43 100

70 37.5 29.9 44.9

55 23.1 17.8 26.8

61 23.1 18.3 27.5

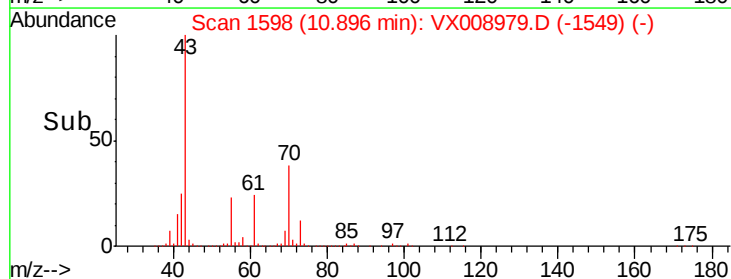
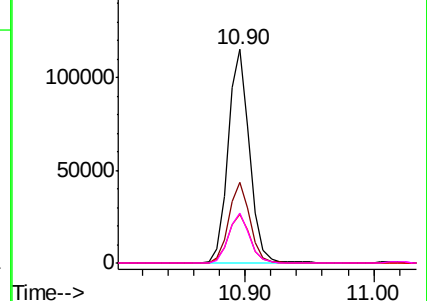


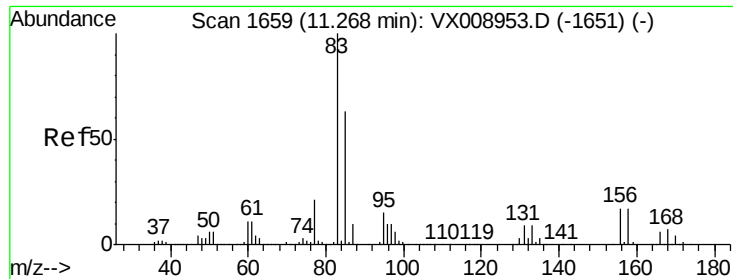
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

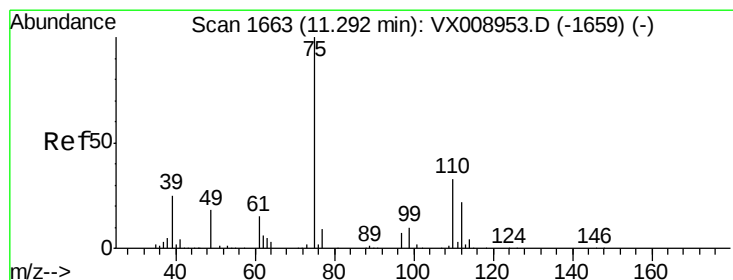
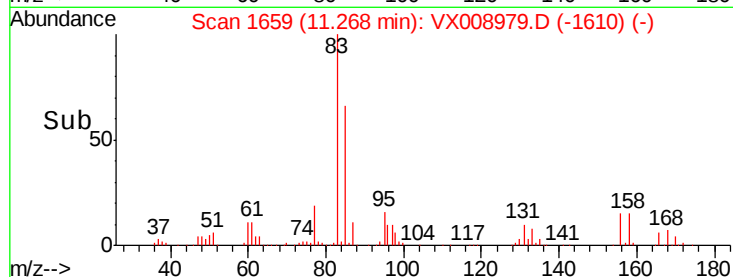
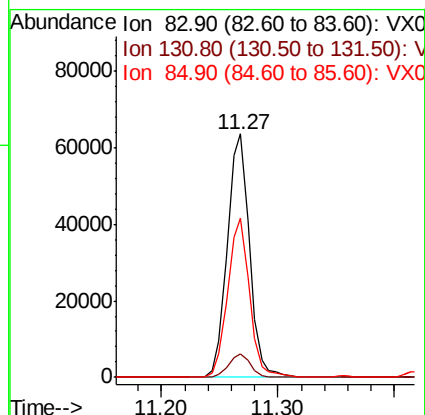
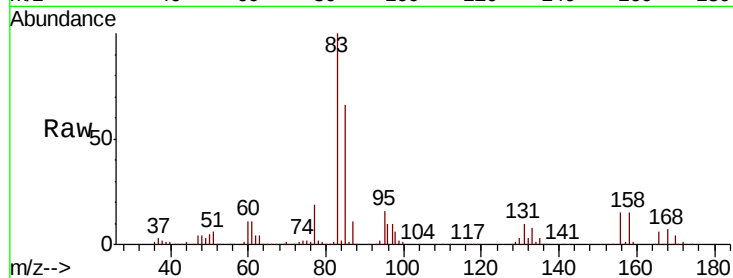




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.706 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

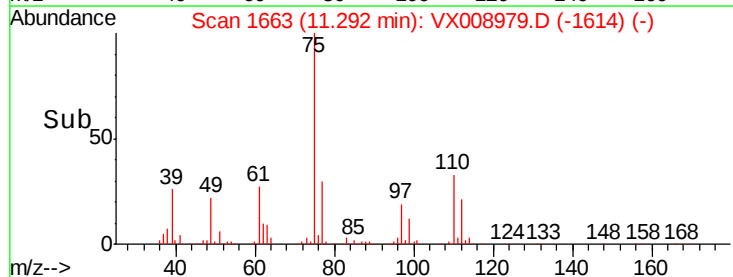
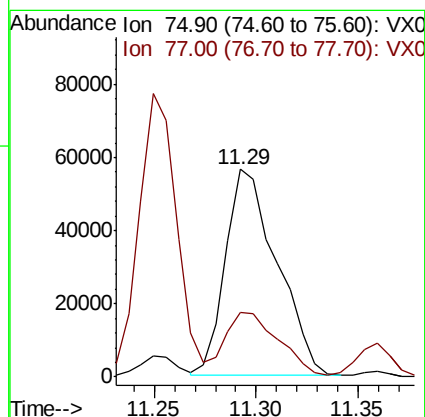
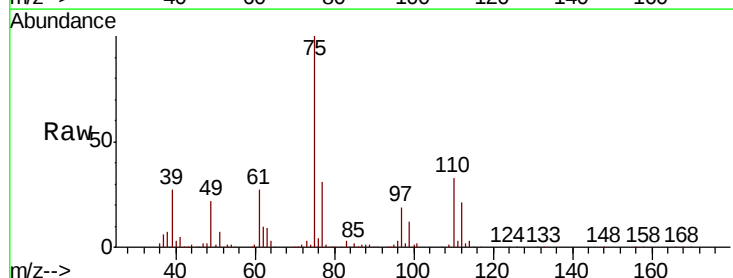
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

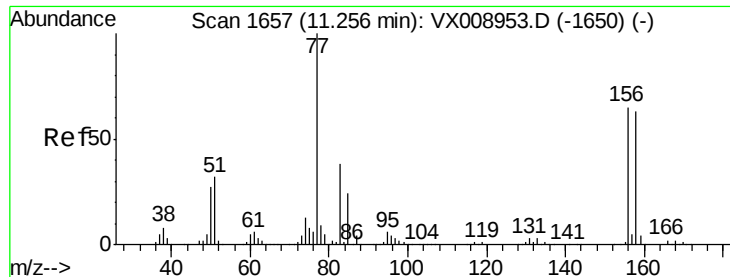
Tot Ion: 83 Resp: 83845
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.7 14.0
 85 64.4 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 27.674 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 75 Resp: 98799
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.7 68.0





#77

Bromobenzene

Concen: 20.484 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

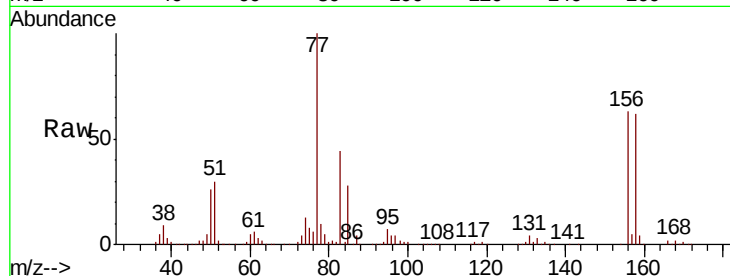
Tot Ion:156 Resp: 57275

Ion Ratio Lower Upper

156 100

77 172.7 85.4 256.1

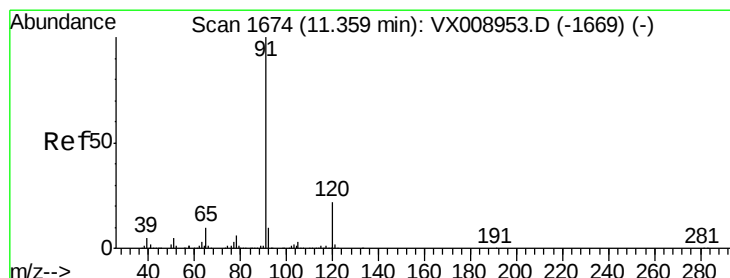
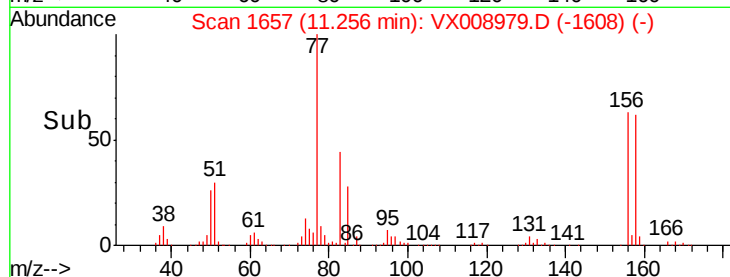
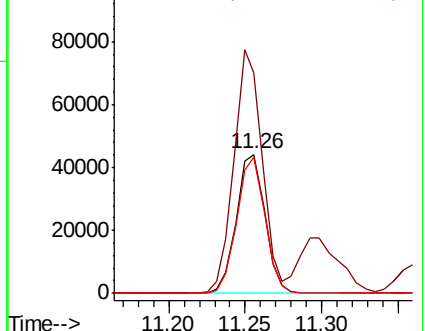
158 96.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.879 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008979.D

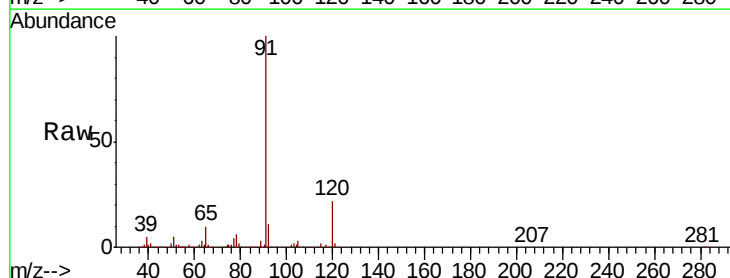
Acq: 16 Apr 2019 11:59

Tgt Ion: 91 Resp: 265584

Ion Ratio Lower Upper

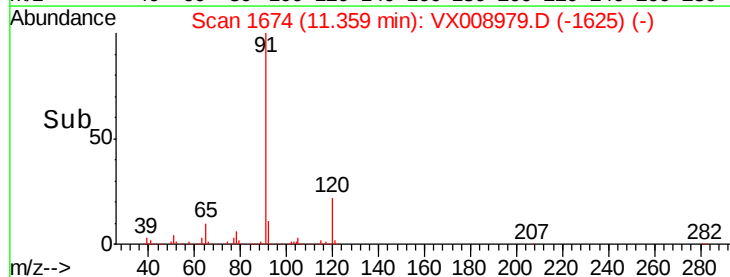
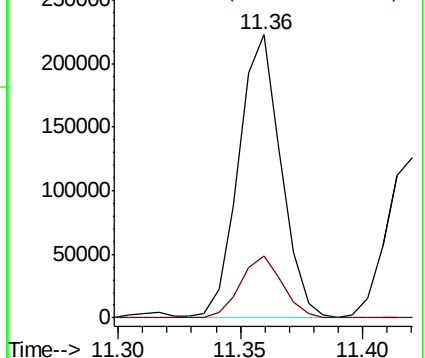
91 100

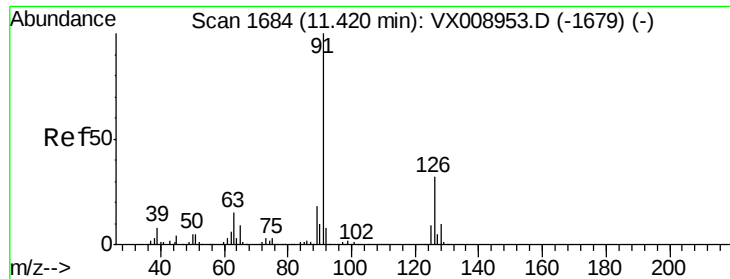
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

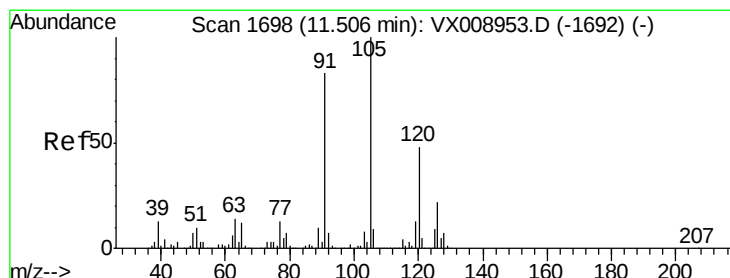
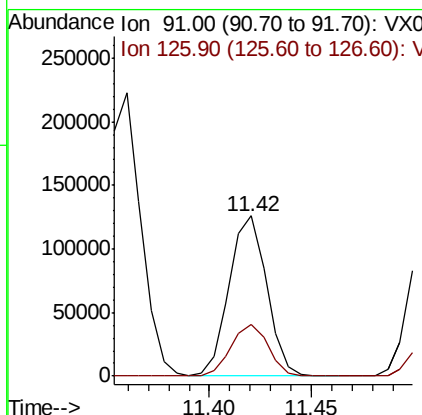
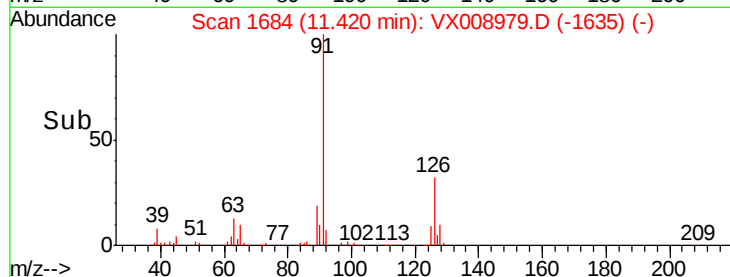
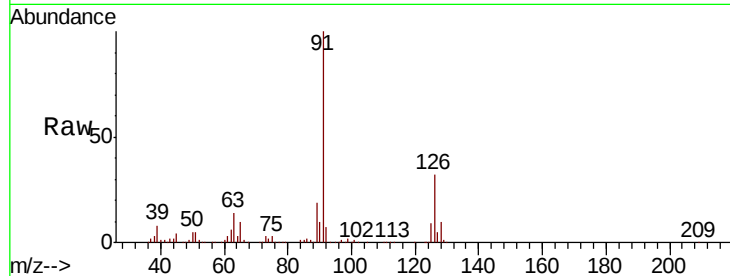




#79
 2-Chlorotoluene
 Concen: 20.912 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

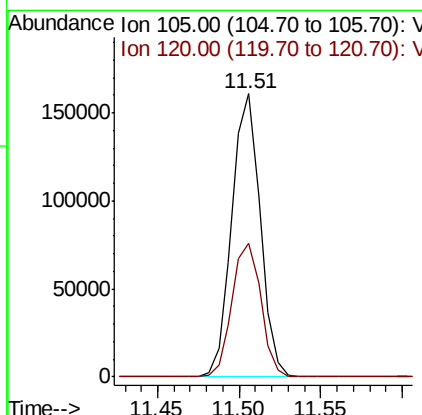
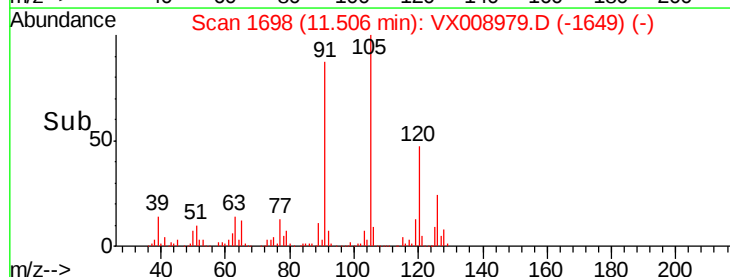
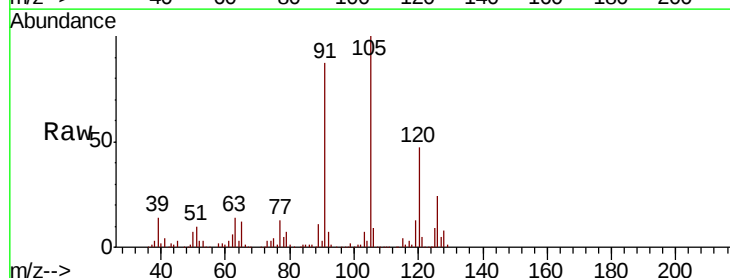
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

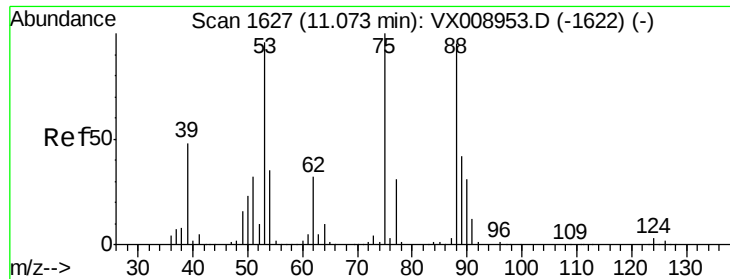
Tot Ion: 91 Resp: 160288
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.983 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 105 Resp: 195139
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.816 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0416WBS01

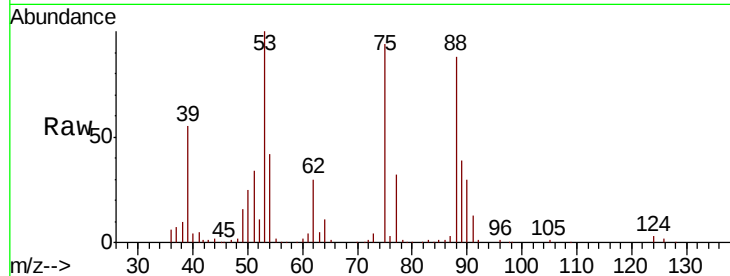
Tot Ion: 75 Resp: 27556

Ion Ratio Lower Upper

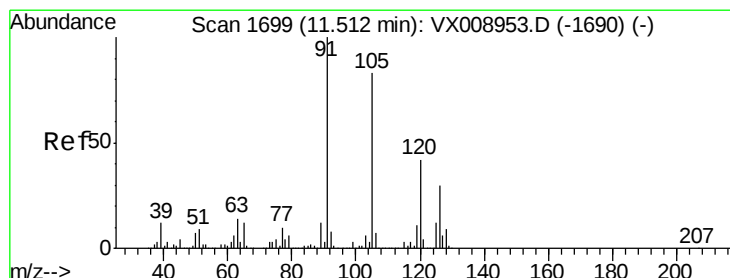
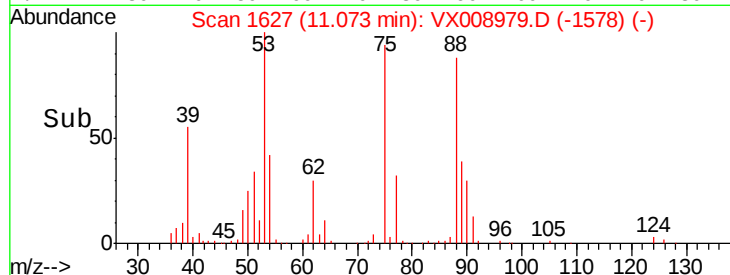
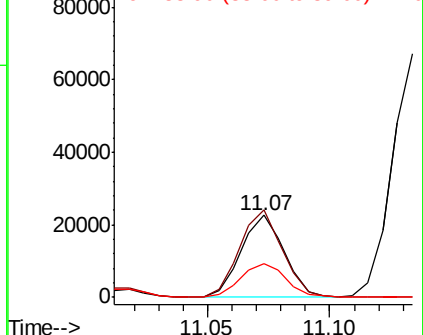
75 100

53 107.6 78.2 117.4

89 44.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.574 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008979.D

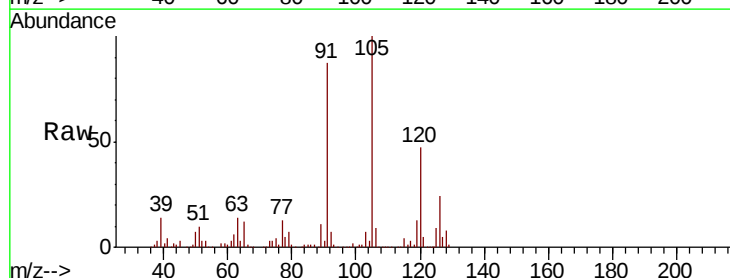
Acq: 16 Apr 2019 11:59

Tgt Ion: 91 Resp: 183152

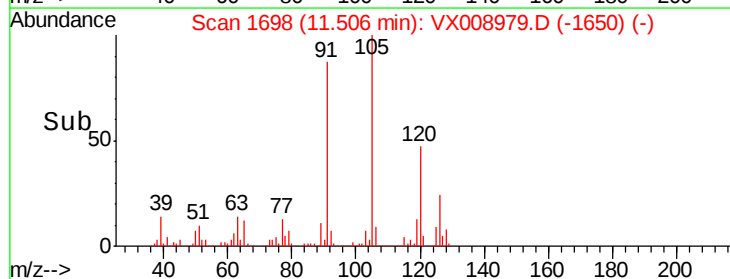
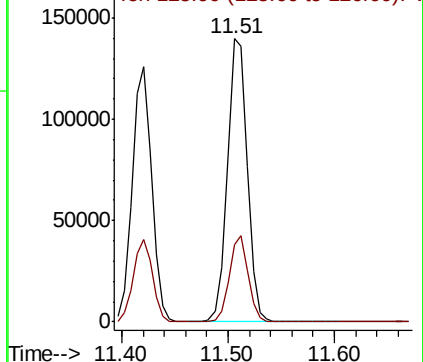
Ion Ratio Lower Upper

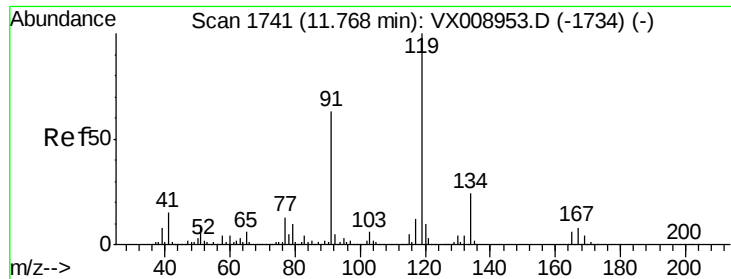
91 100

126 28.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

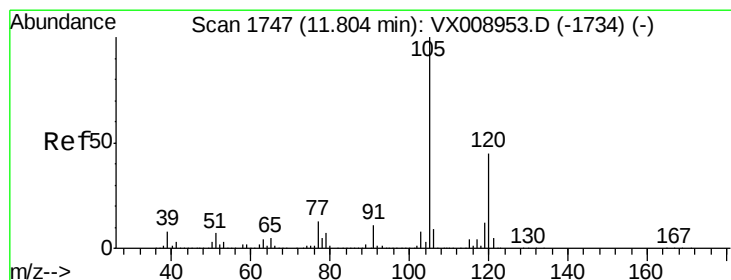
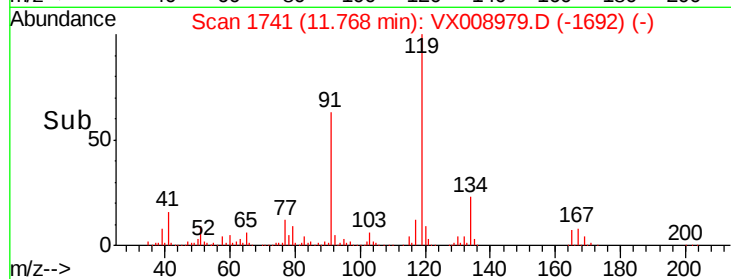
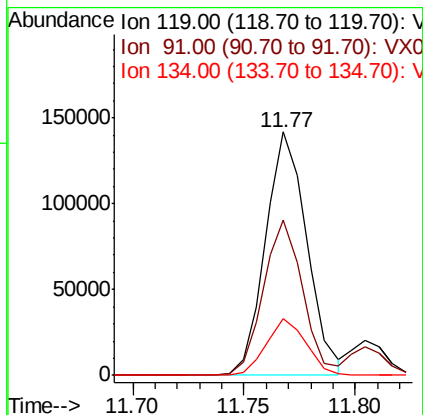
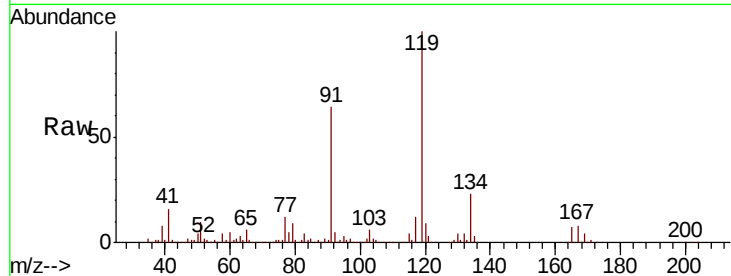




#83
tert-Butylbenzene
Concen: 20.540 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

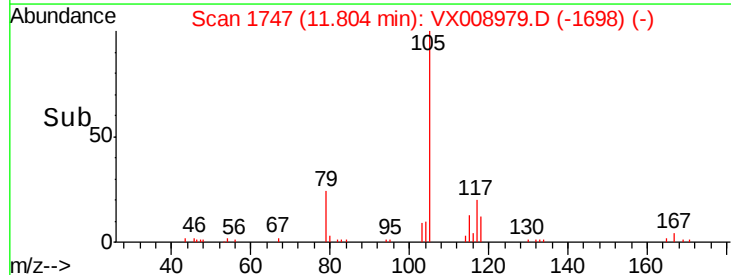
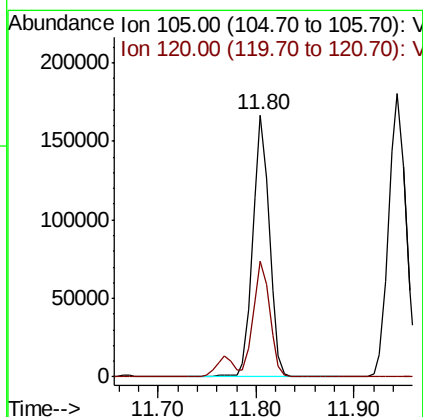
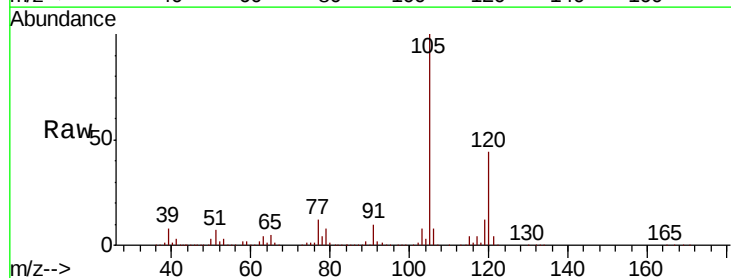
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

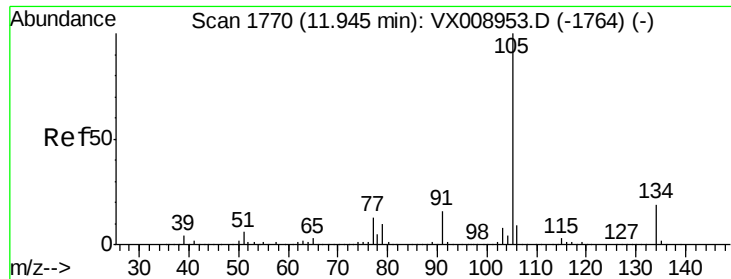
Tot Ion:119 Resp: 183389
Ion Ratio Lower Upper
119 100
91 61.1 29.7 89.1
134 22.5 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 20.715 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion:105 Resp: 196096
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 20.778 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

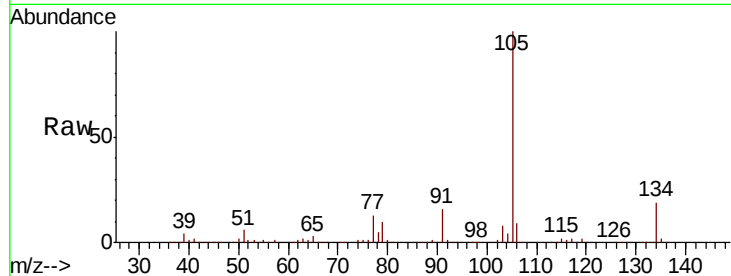
VX0416WBS01

Tot Ion:105 Resp: 221261

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

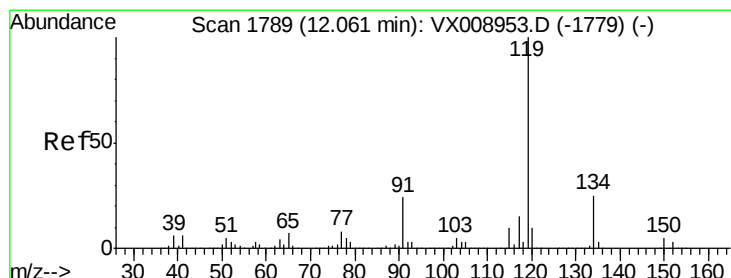
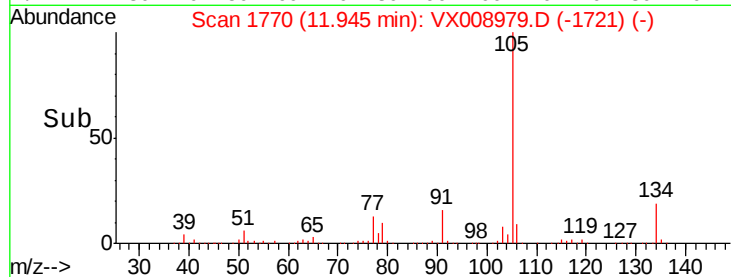
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.662 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

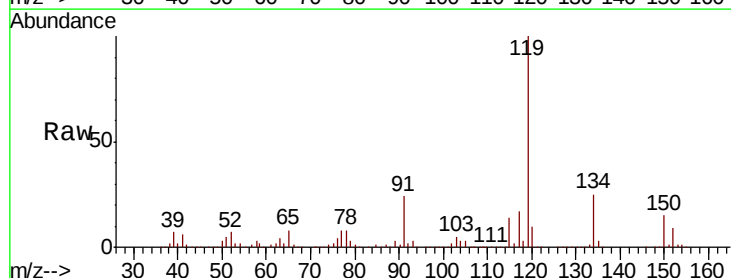
Tgt Ion:119 Resp: 202291

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.2 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

200000

150000

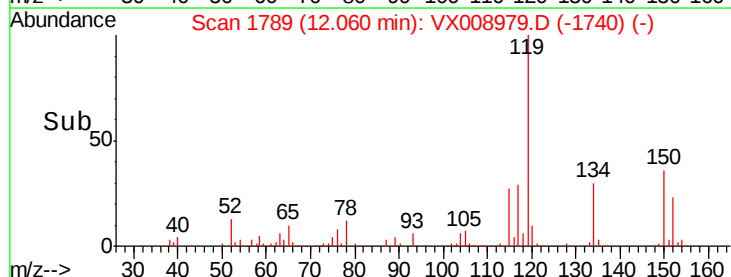
100000

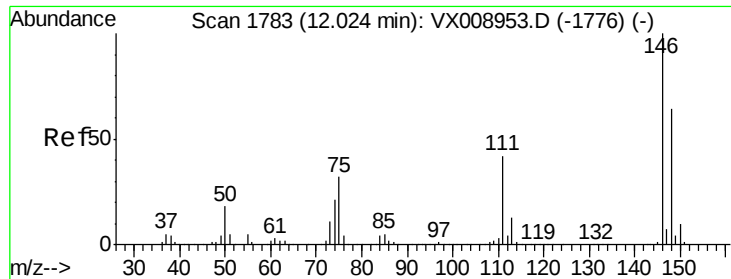
50000

0

Time-->

12.00 12.10

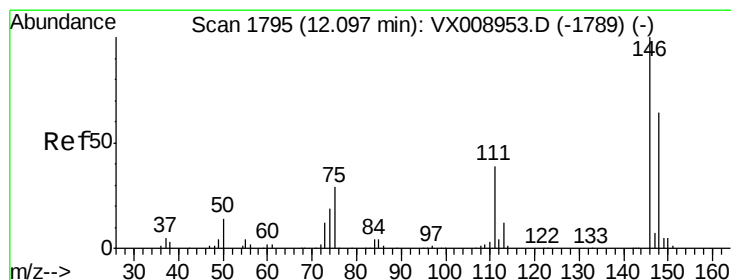
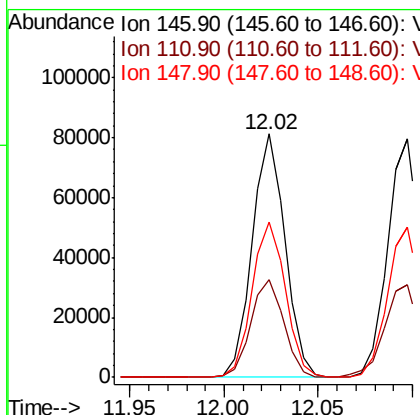
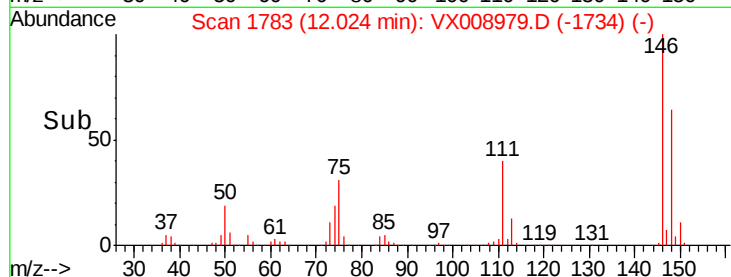
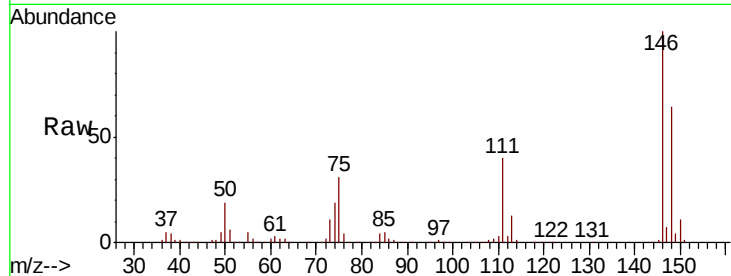




#87
 1,3-Dichlorobenzene
 Concen: 20.111 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

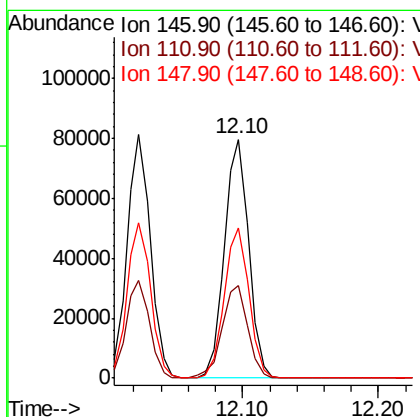
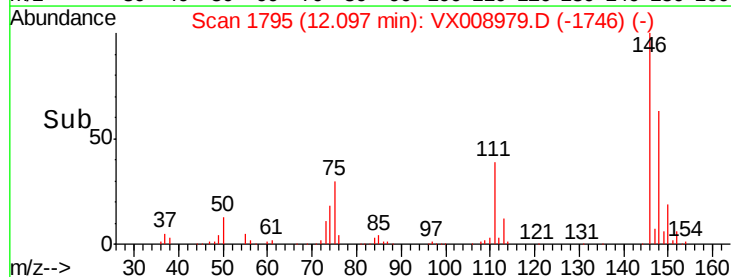
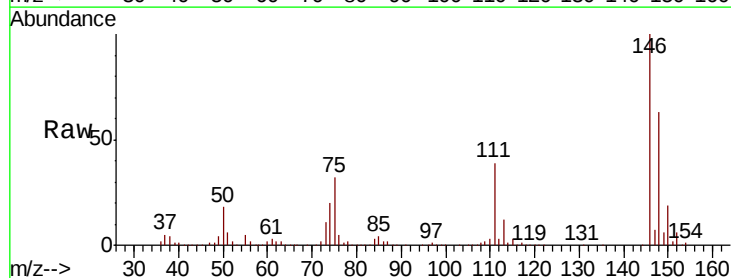
Instrument :
 MSVOA_X
 ClientSampled :
 VX0416WBS01

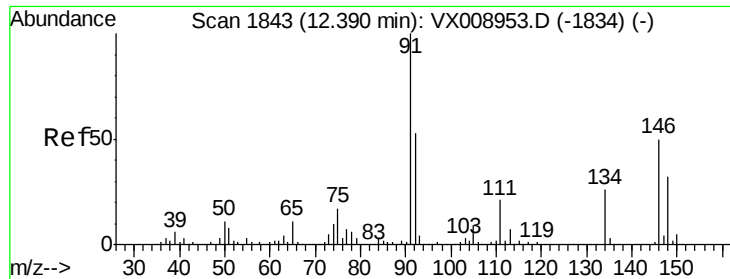
Tot Ion:146 Resp: 98420
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 64.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.836 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion:146 Resp: 98403
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.0 59.9
 148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 20.199 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

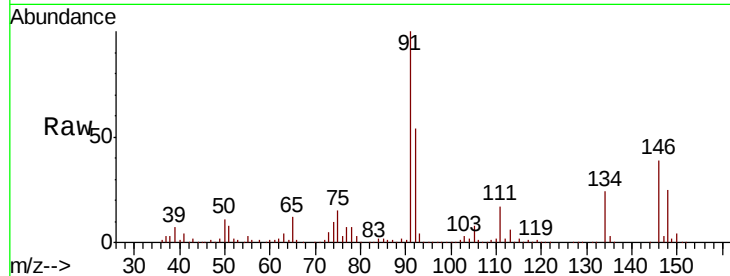
Tot Ion: 91 Resp: 184170

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.8

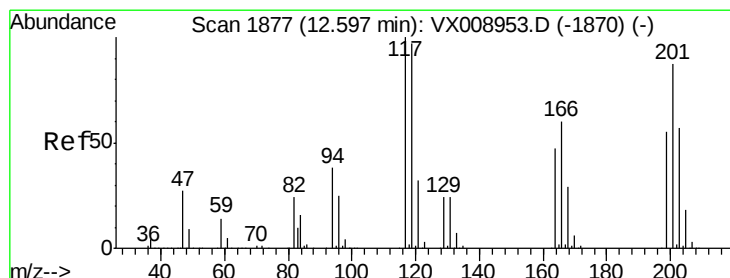
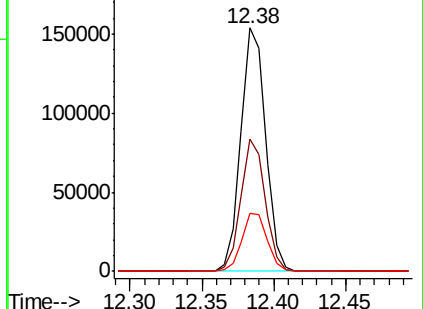
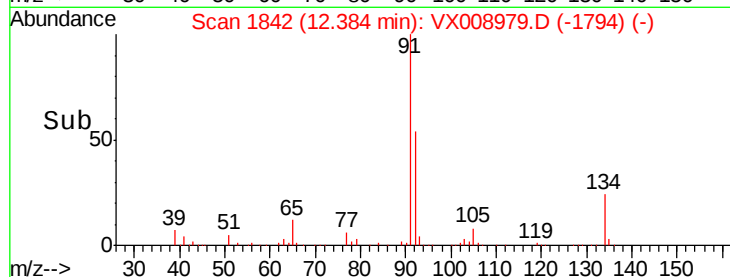
134 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.723 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008979.D

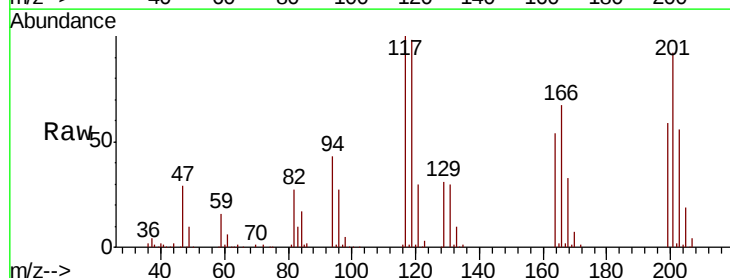
Acq: 16 Apr 2019 11:59

Tgt Ion: 117 Resp: 31851

Ion Ratio Lower Upper

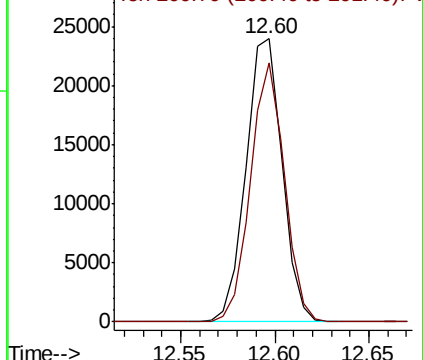
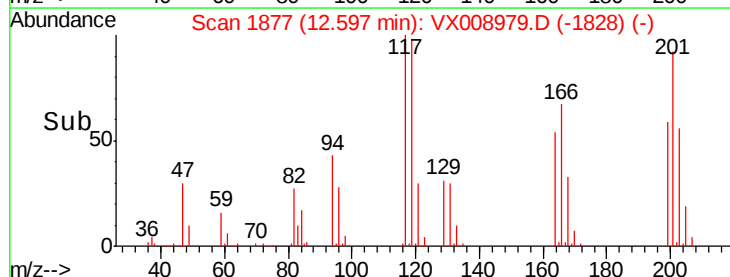
117 100

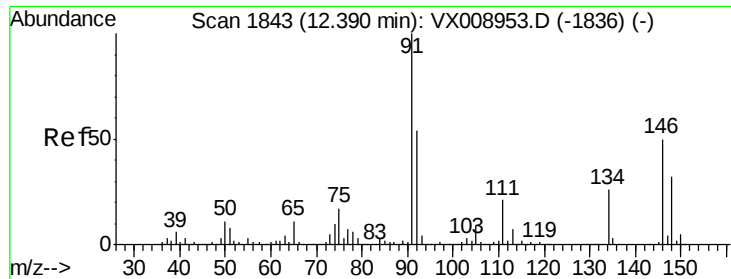
201 85.9 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

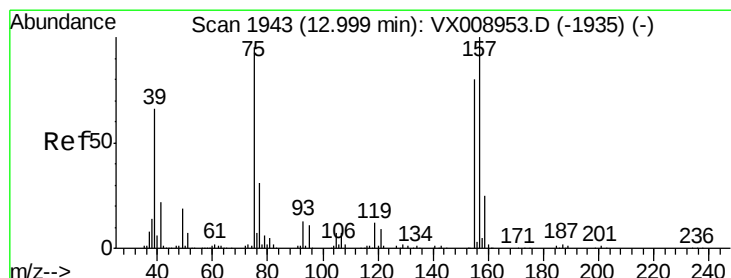
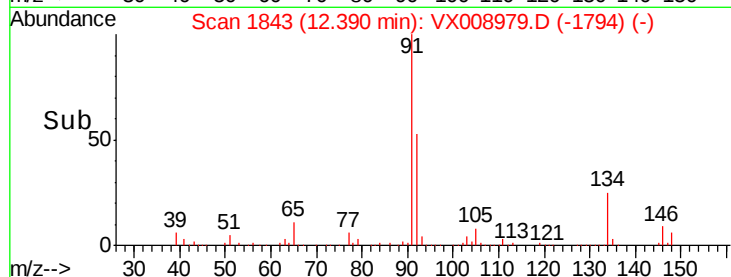
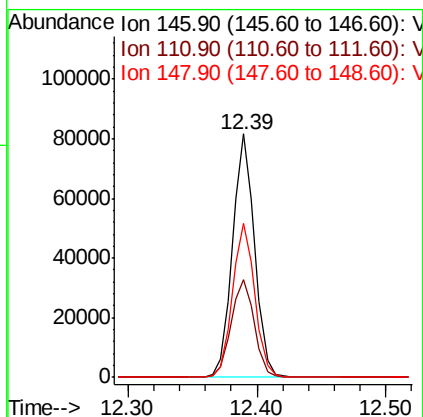
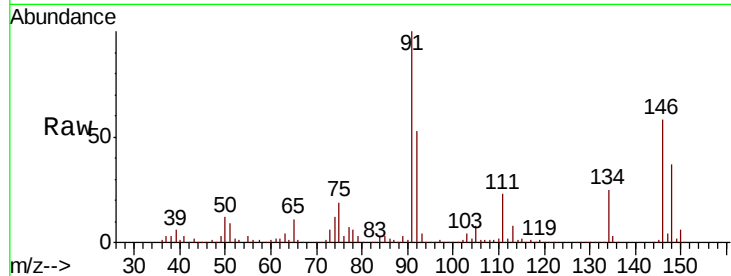




#91
 1,2-Dichlorobenzene
 Concen: 20.264 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

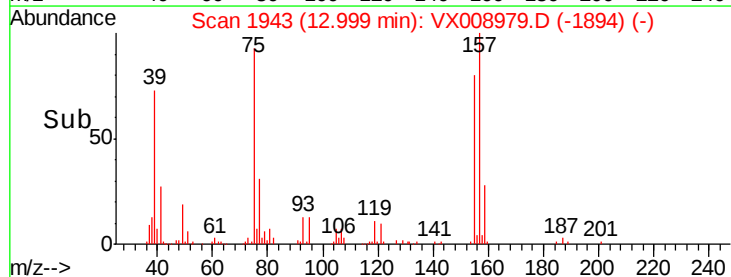
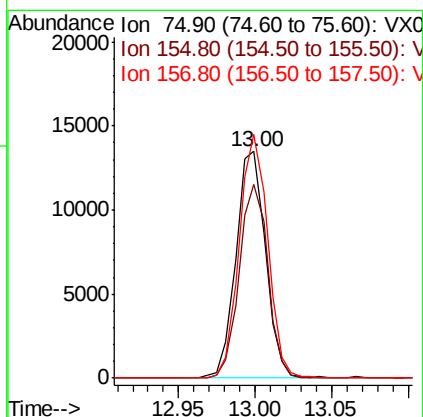
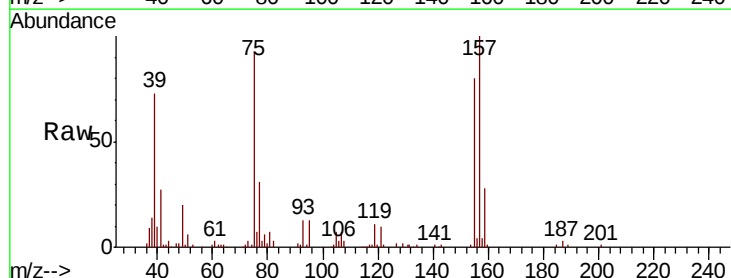
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

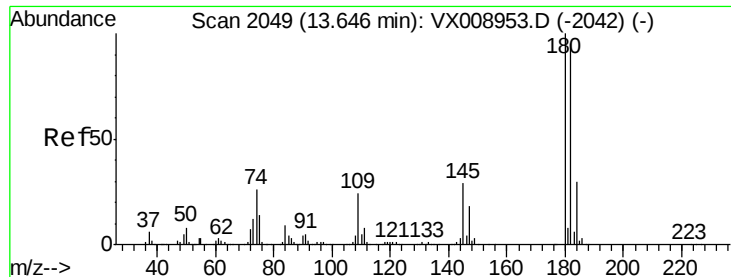
Tot Ion:146 Resp: 97928
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.6 61.9
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.614 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 75 Resp: 18083
 Ion Ratio Lower Upper
 75 100
 155 82.5 41.2 123.6
 157 103.5 52.5 157.6

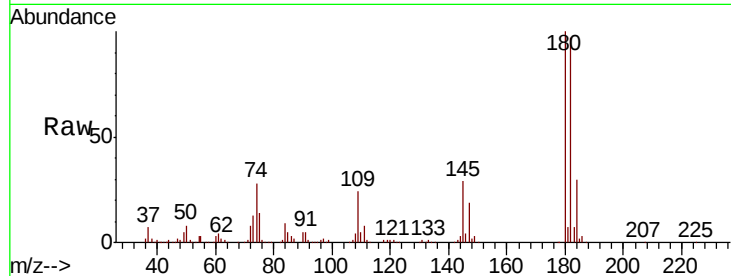




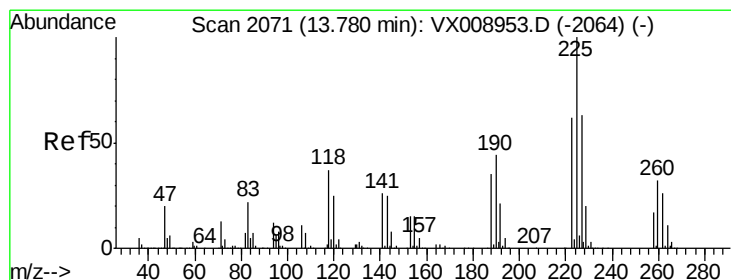
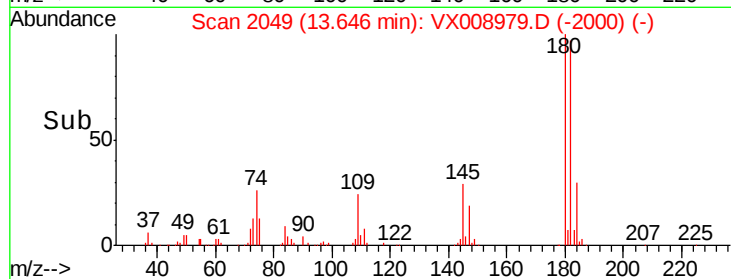
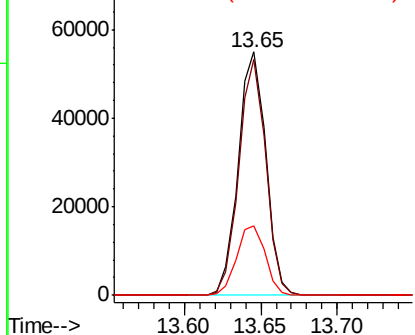
#93
 1,2,4-Trichlorobenzene
 Concen: 19.680 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion:180 Resp: 68654
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.9
 145 29.9 14.8 44.4

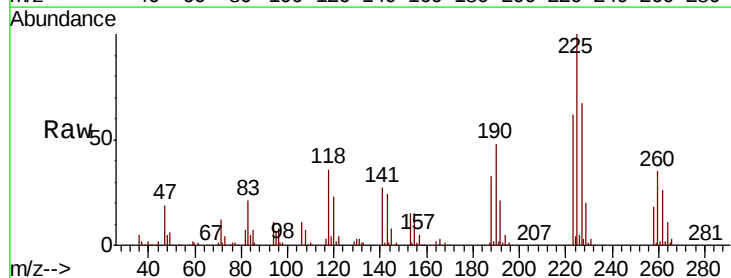


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

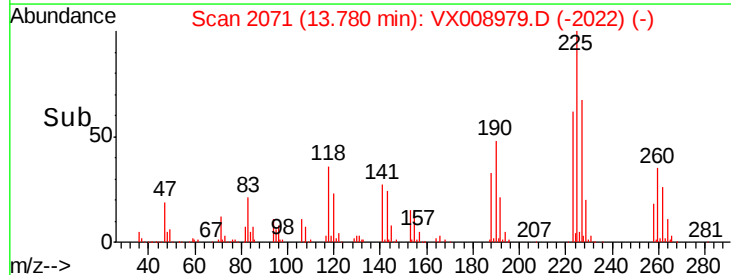
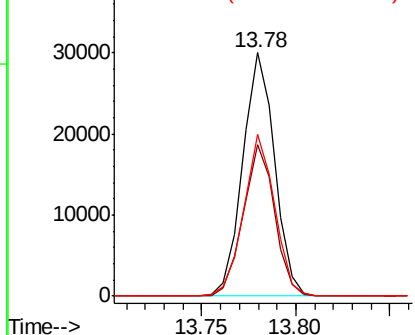


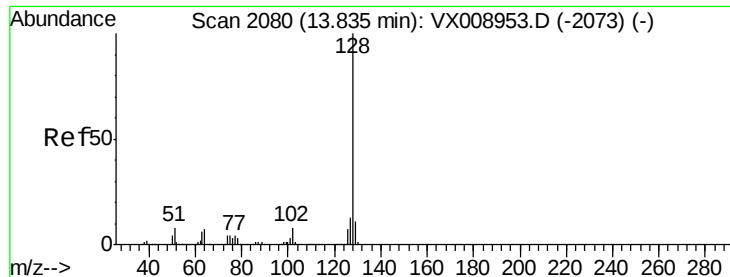
#94
 Hexachlorobutadiene
 Concen: 20.224 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion:225 Resp: 35187
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.1 93.2
 227 64.6 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.851 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

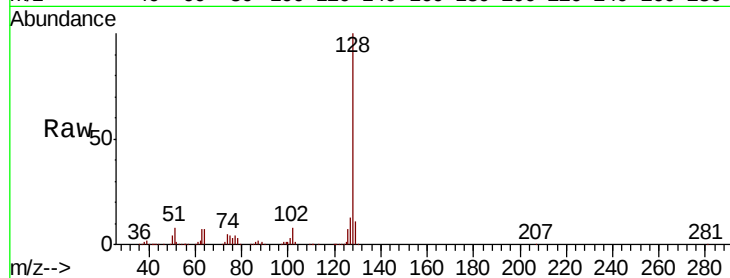
Tot Ion:128 Resp: 221863

Ion Ratio Lower Upper

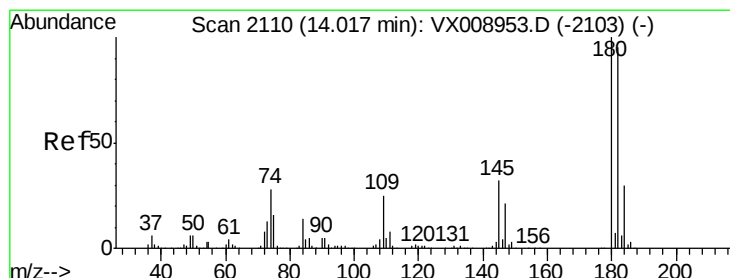
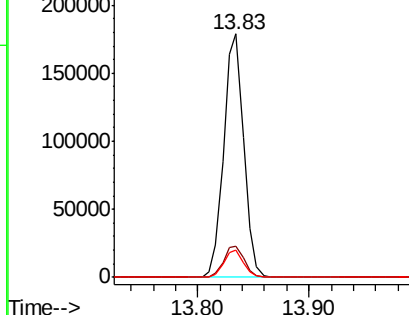
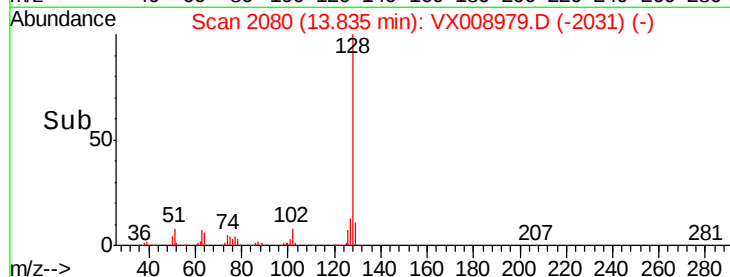
128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.647 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

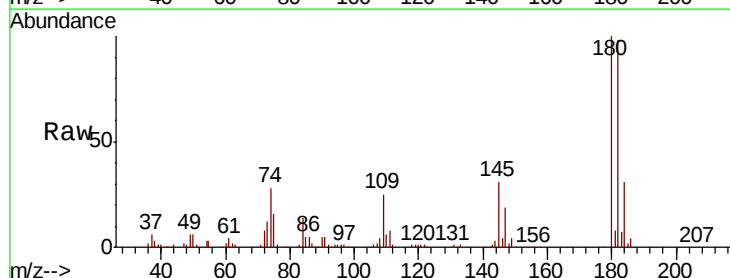
Tgt Ion:180 Resp: 67623

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.4

145 31.7 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

