

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009035.D
 Acq On : 18 Apr 2019 11:50
 Operator : JC/SP
 Sample : VX0418WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

Quant Time: Apr 19 01:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	151023	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
35) Dibromofluoromethane	5.50	113	109724	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	436338	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	151372	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	50485	20.541	ug/l	100
3) Chloromethane	1.32	50	60246	19.966	ug/l	97
4) Vinyl Chloride	1.41	62	57416	19.550	ug/l	100
5) Bromomethane	1.64	94	33986	20.906	ug/l	95
6) Chloroethane	1.72	64	34463	19.956	ug/l	97
7) Trichlorofluoromethane	1.93	101	67631	19.724	ug/l	97
8) Diethyl Ether	2.19	74	30623	19.528	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42924	19.579	ug/l	99
10) Methyl Iodide	2.51	142	44094	21.186	ug/l	99
11) Tert butyl alcohol	3.05	59	68782	103.041	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44109	19.276	ug/l	98
13) Acrolein	2.29	56	43107	74.739	ug/l	97
14) Allyl chloride	2.73	41	102259	20.483	ug/l	99
15) Acrylonitrile	3.14	53	176813	104.346	ug/l	99
16) Acetone	2.45	43	165320	106.010	ug/l	99
17) Carbon Disulfide	2.57	76	124671	19.328	ug/l	100
18) Methyl Acetate	2.78	43	79881	20.524	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	164161	20.134	ug/l	100
20) Methylene Chloride	2.86	84	52259	19.596	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	46386	19.005	ug/l	94
22) Diisopropyl ether	3.86	45	202300	20.853	ug/l	89
23) Vinyl Acetate	3.81	43	899669	105.500	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97302	19.981	ug/l	99
25) 2-Butanone	4.67	43	267353	107.254	ug/l	99
26) 2,2-Dichloropropane	4.59	77	69356	19.000	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54976	19.839	ug/l	100
28) Bromochloromethane	5.01	49	44651	20.954	ug/l	98
29) Tetrahydrofuran	5.13	42	174280	104.458	ug/l	99
30) Chloroform	5.21	83	88438	20.294	ug/l	97
31) Cyclohexane	5.58	56	95324	19.902	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	72206	19.992	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67167	18.632	ug/l	99
37) Ethyl Acetate	4.84	43	100162	21.592	ug/l	99
38) Carbon Tetrachloride	5.79	117	59454	19.454	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82438	18.782	ug/l	96
40) Benzene	6.14	78	210423	19.786	ug/l	99
41) Methacrylonitrile	5.04	41	55643	20.900	ug/l	99
42) 1,2-Dichloroethane	6.19	62	75775	20.114	ug/l	99
43) Isopropyl Acetate	6.45	43	151283	20.237	ug/l	100
44) Trichloroethene	7.21	130	48453	18.594	ug/l	97
45) 1,2-Dichloropropane	7.51	63	59041	20.011	ug/l	98
46) Dibromomethane	7.66	93	34174	19.903	ug/l	98
47) Bromodichloromethane	7.90	83	65619	19.484	ug/l	100
48) Methyl methacrylate	7.77	41	76116	20.607	ug/l	99
49) 1,4-Dioxane	7.74	88	27266	394.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	503703	105.766	ug/l	99
52) Toluene	8.78	92	125505	19.691	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74945	19.336	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84480	19.466	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	51475	20.377	ug/l	97
56) Ethyl methacrylate	9.18	69	91888	20.287	ug/l	100
57) 1,3-Dichloropropane	9.37	76	90992	20.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	245636	100.706	ug/l	99
59) 2-Hexanone	9.49	43	383564	104.464	ug/l	100
60) Dibromochloromethane	9.58	129	47626	19.672	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51470	19.742	ug/l	99
64) Tetrachloroethene	9.34	164	44559	19.166	ug/l	98
65) Chlorobenzene	10.14	112	126198	19.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45811	20.132	ug/l	99
67) Ethyl Benzene	10.25	91	230824	19.548	ug/l	99
68) m/p-Xylenes	10.36	106	164915	38.429	ug/l	99
69) o-Xylene	10.70	106	80806	19.352	ug/l	99
70) Styrene	10.71	104	140686	19.443	ug/l	99
71) Bromoform	10.85	173	34714	19.148	ug/l	# 100
73) Isopropylbenzene	11.02	105	217001	20.643	ug/l	100
74) N-amyl acetate	10.90	43	126483	20.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80674	21.004	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	94439	27.887	ug/l	80
77) Bromobenzene	11.26	156	52689	19.865	ug/l	99
78) n-propylbenzene	11.36	91	245784	20.371	ug/l	99
79) 2-Chlorotoluene	11.42	91	149200	20.520	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182848	20.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25562	19.379	ug/l	92
82) 4-Chlorotoluene	11.51	91	168458	19.950	ug/l	100
83) tert-Butylbenzene	11.77	119	170819	20.169	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	184881	20.589	ug/l	99
85) sec-Butylbenzene	11.94	105	206353	20.429	ug/l	100
86) p-Isopropyltoluene	12.06	119	186228	20.053	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89896	19.365	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90238	19.176	ug/l	99
89) n-Butylbenzene	12.38	91	170448	19.708	ug/l	99
90) Hexachloroethane	12.60	117	30292	19.774	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	90678	19.782	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17378	19.871	ug/l	98

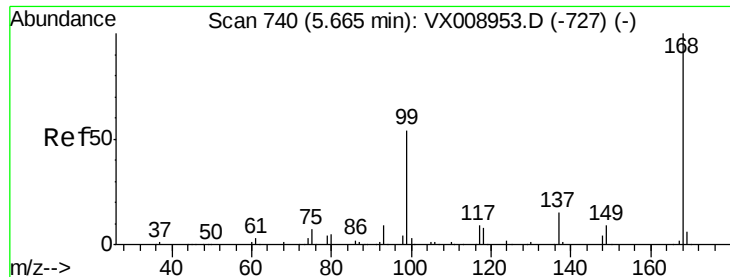
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041819\
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Quant Time: Apr 19 01:35:13 2019
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61316	18.530	ug/l	99
94) Hexachlorobutadiene	13.78	225	32378	19.619	ug/l	99
95) Naphthalene	13.83	128	206030	19.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62242	19.064	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

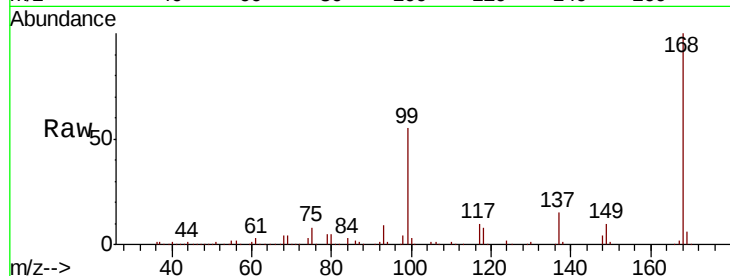
VX0418WBS01

Tot Ion:168 Resp: 213386

Ion Ratio Lower Upper

168 100

99 54.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

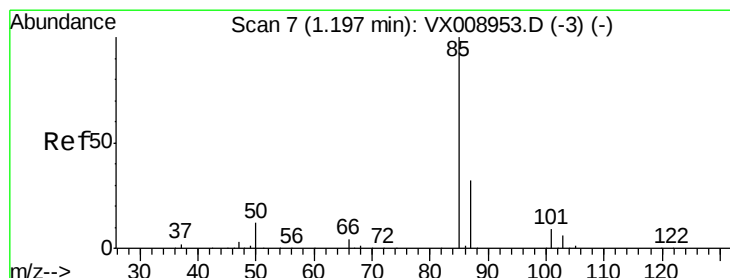
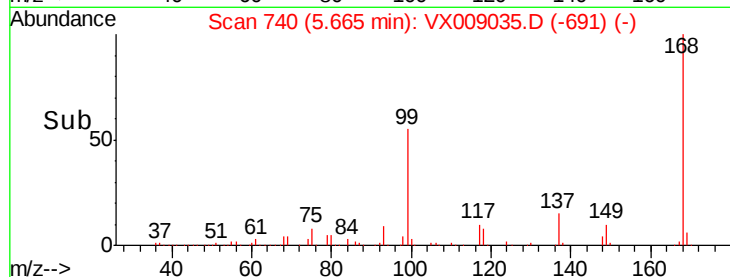
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.541 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009035.D

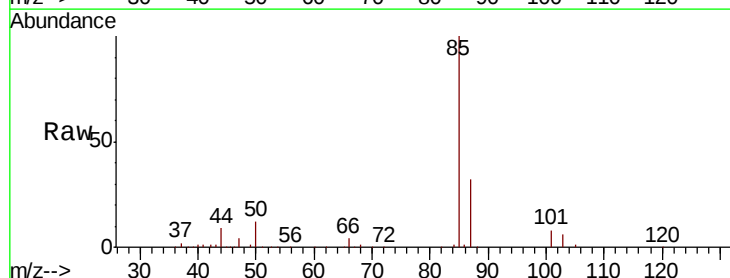
Acq: 18 Apr 2019 11:50

Tgt Ion: 85 Resp: 50485

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

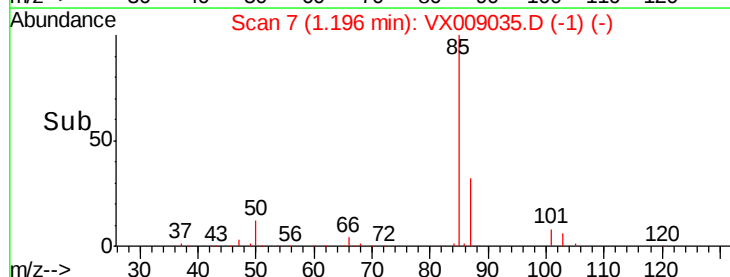
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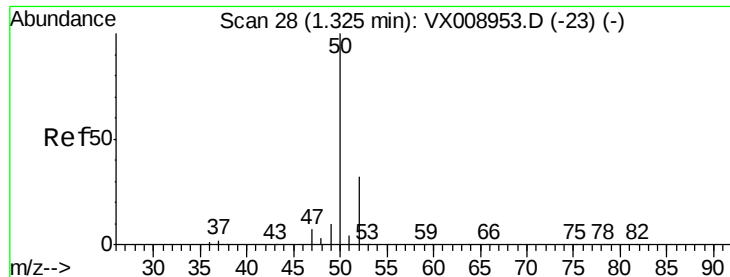
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.966 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

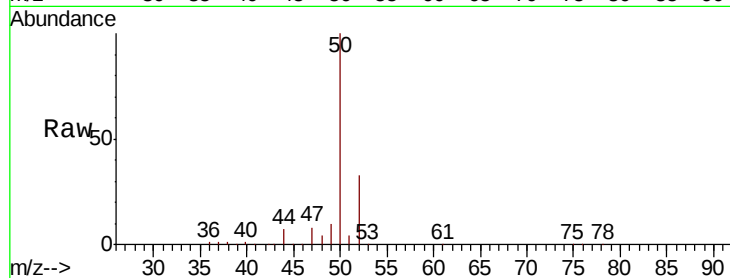
VX0418WBS01

Tot Ion: 50 Resp: 60246

Ion Ratio Lower Upper

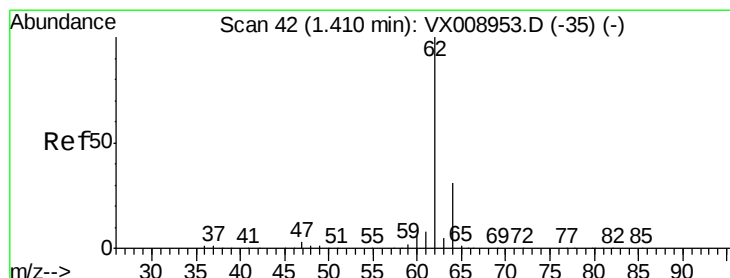
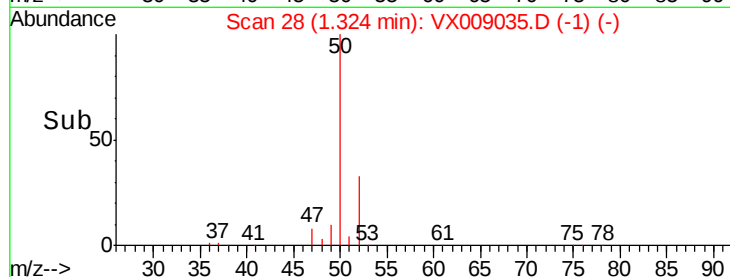
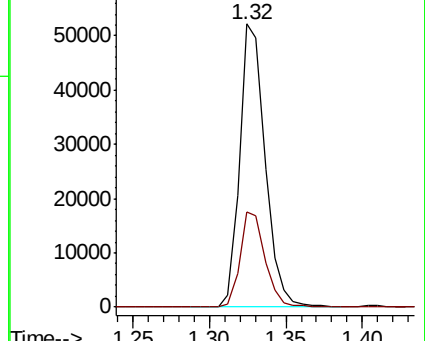
50 100

52 33.4 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: 19.550 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009035.D

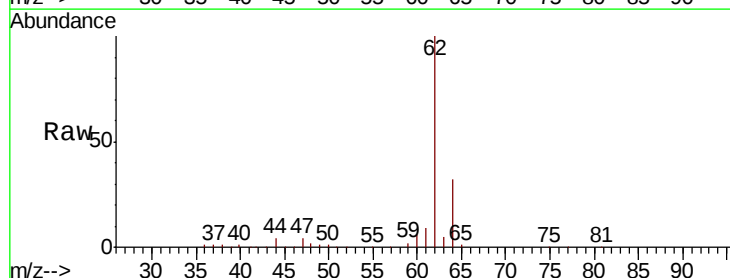
Acq: 18 Apr 2019 11:50

Tgt Ion: 62 Resp: 57416

Ion Ratio Lower Upper

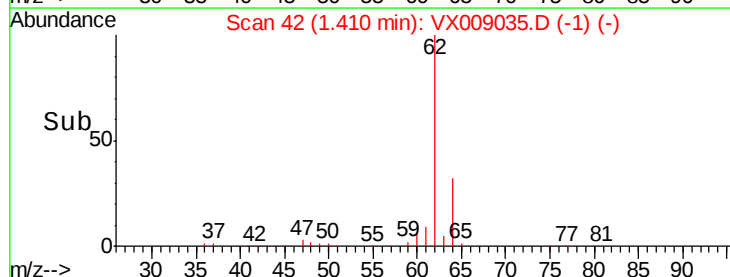
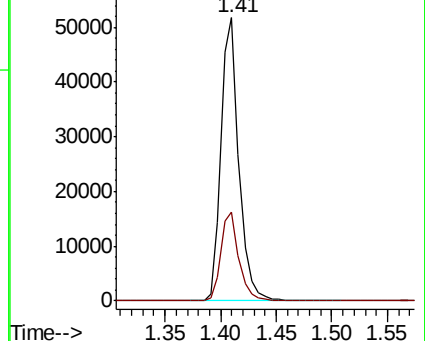
62 100

64 31.4 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: 20.906 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

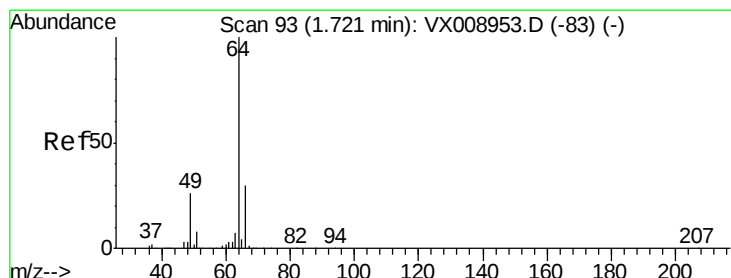
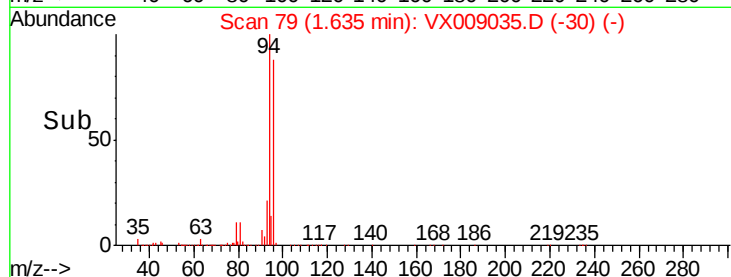
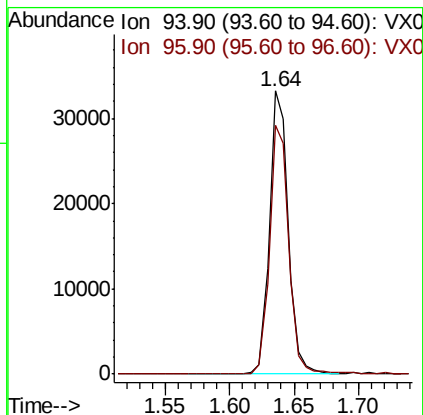
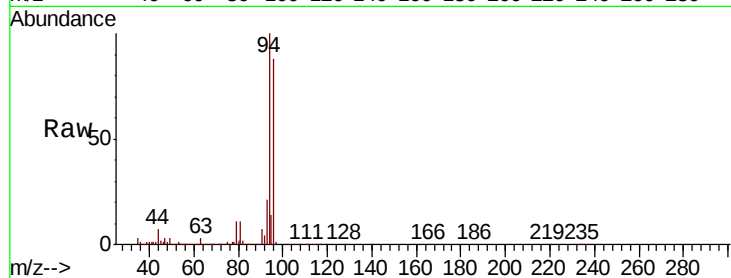
VX0418WBS01

Tot Ion: 94 Resp: 33986

Ion Ratio Lower Upper

94 100

96 87.5 73.9 110.9



#6

Chloroethane

Concen: 19.956 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009035.D

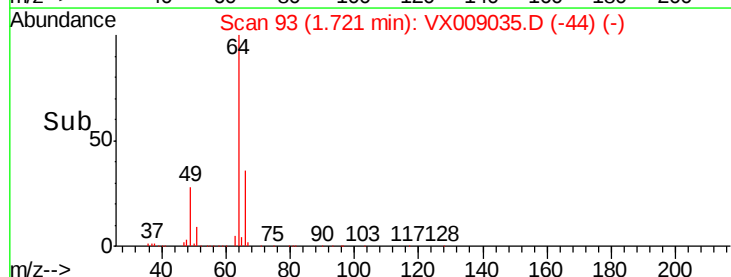
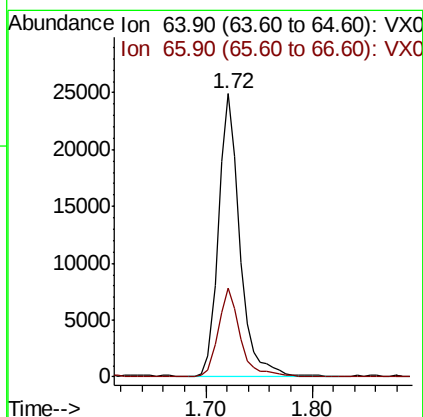
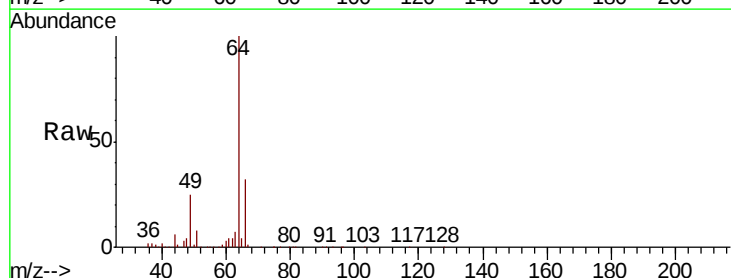
Acq: 18 Apr 2019 11:50

Tgt Ion: 64 Resp: 34463

Ion Ratio Lower Upper

64 100

66 31.6 24.2 36.2



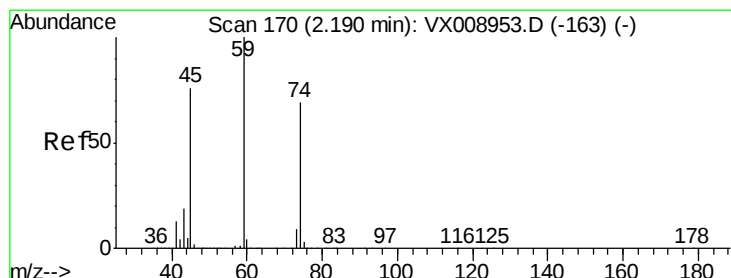
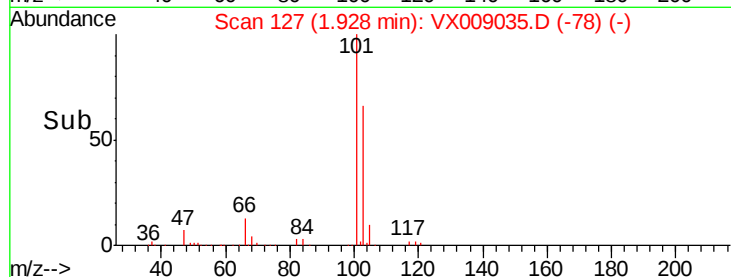
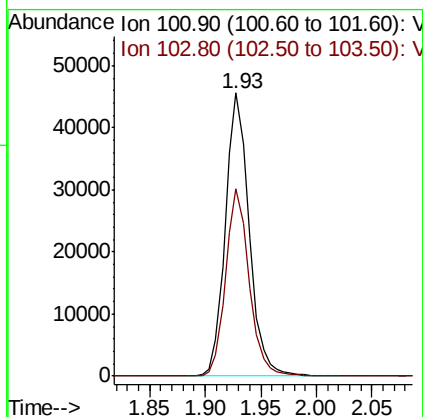
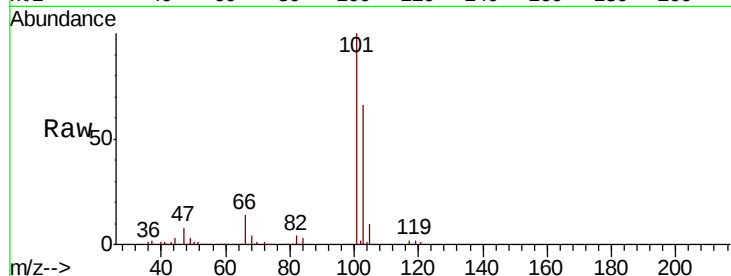


#7

Trichlorofluoromethane
 Concen: 19.724 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Instrument :
 MSVOA_X
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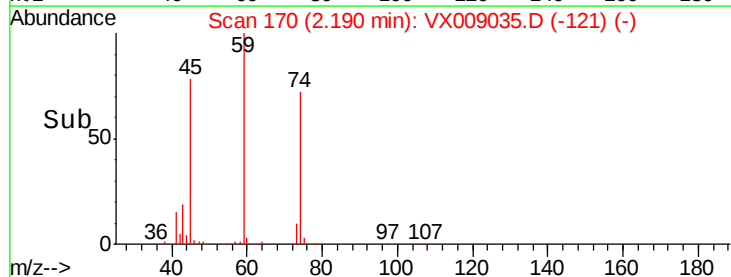
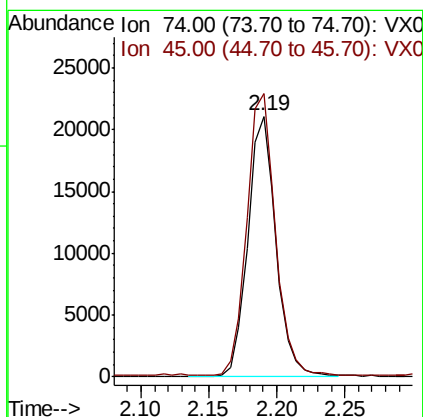
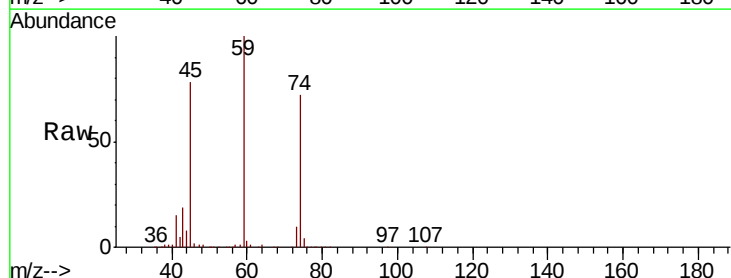
Tot Ion:101 Resp: 67631
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.0 76.6



#8

Diethyl Ether
 Concen: 19.528 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Tgt Ion: 74 Resp: 30623
 Ion Ratio Lower Upper
 74 100
 45 109.5 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.579 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

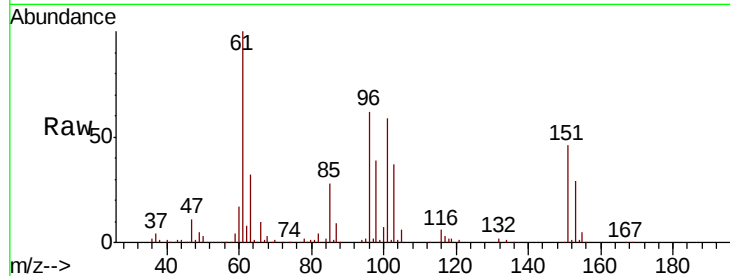
Tot Ion:101 Resp: 42924

Ion Ratio Lower Upper

101 100

85 45.3 35.7 53.5

151 77.1 62.7 94.1

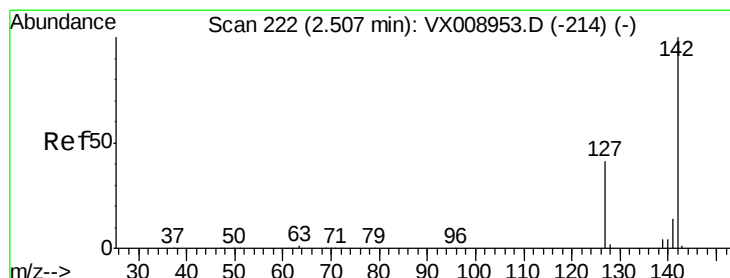
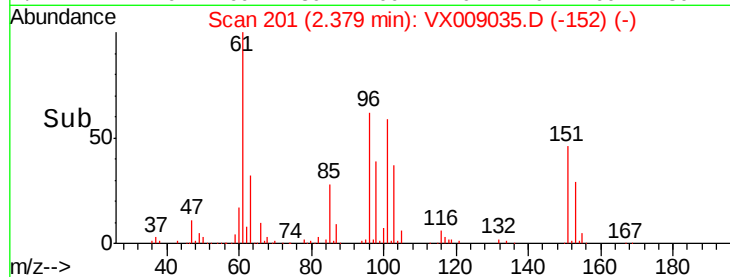
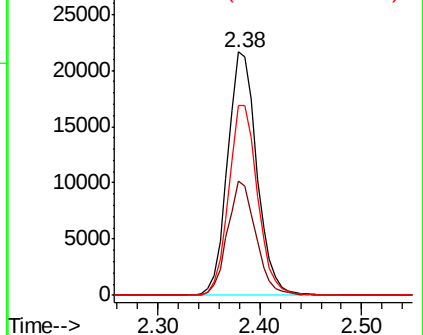


Abundance

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: 21.186 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

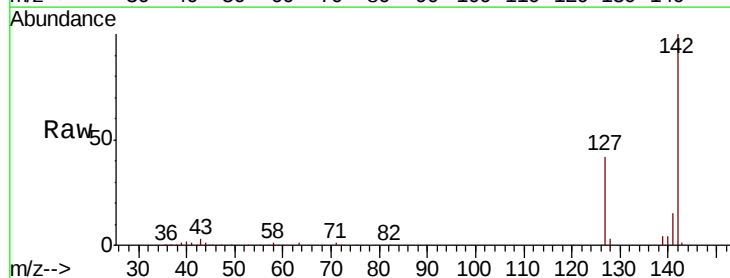
Tgt Ion:142 Resp: 44094

Ion Ratio Lower Upper

142 100

127 41.4 32.8 49.2

141 14.6 11.4 17.2

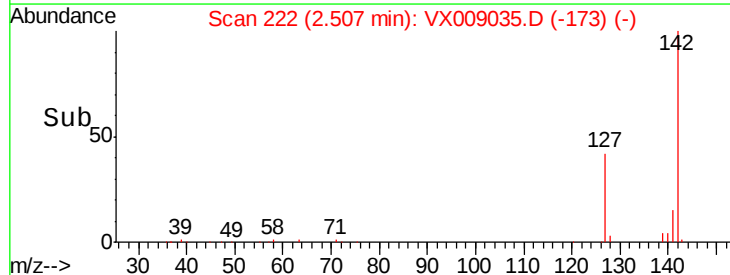
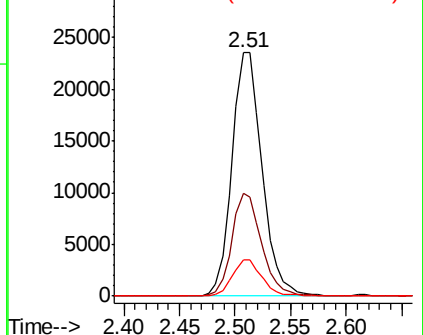


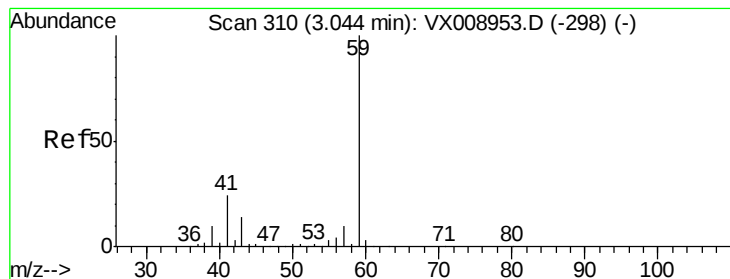
Abundance

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



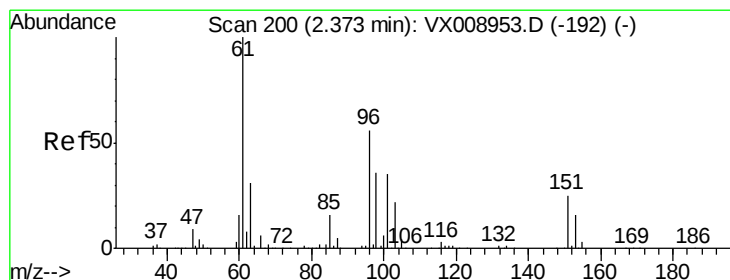
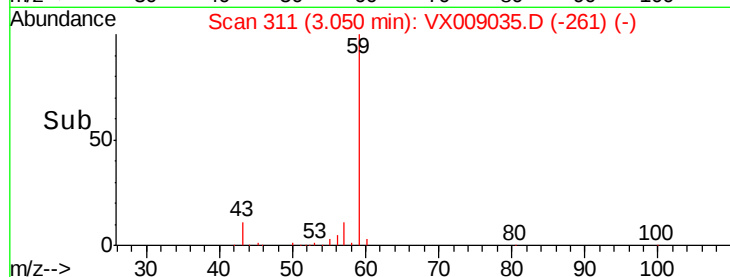
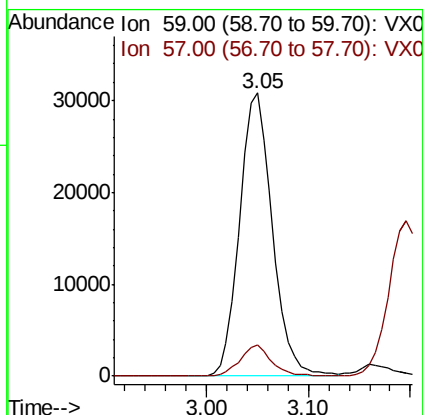
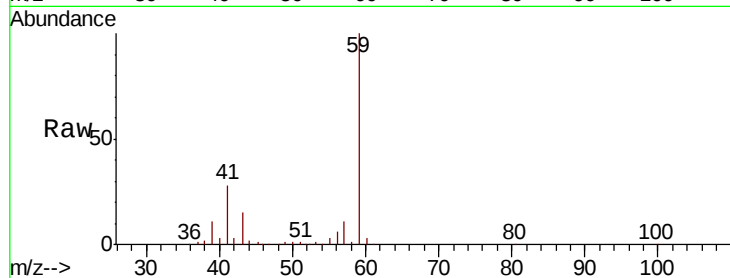


#11

Tert butyl alcohol
 Concen: 103.041 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

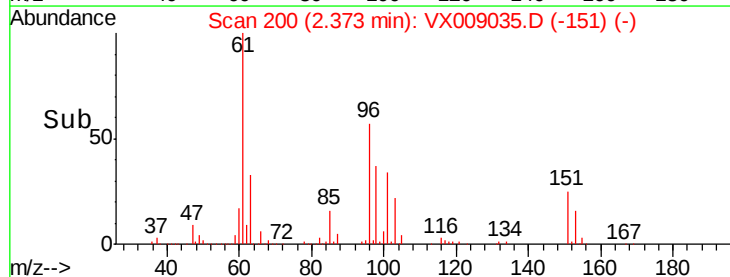
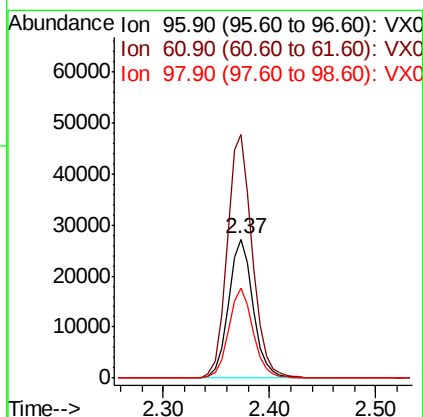
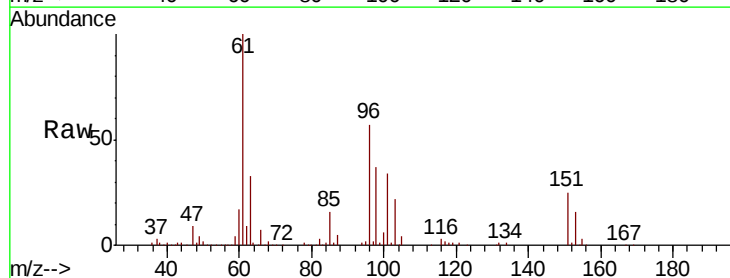
Tot Ion: 59 Resp: 68782
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

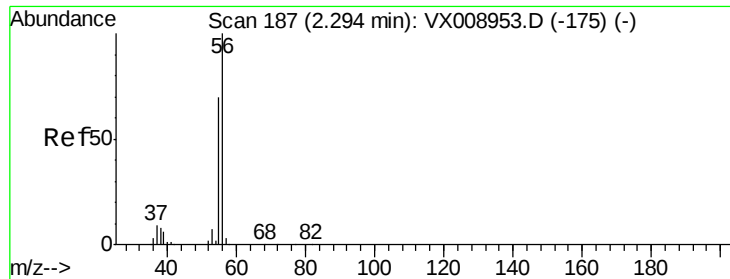


#12

1,1-Dichloroethene
 Concen: 19.276 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Tgt Ion: 96 Resp: 44109
 Ion Ratio Lower Upper
 96 100
 61 174.9 142.2 213.2
 98 64.3 50.9 76.3





#13

Acrolein

Concen: 74.739 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

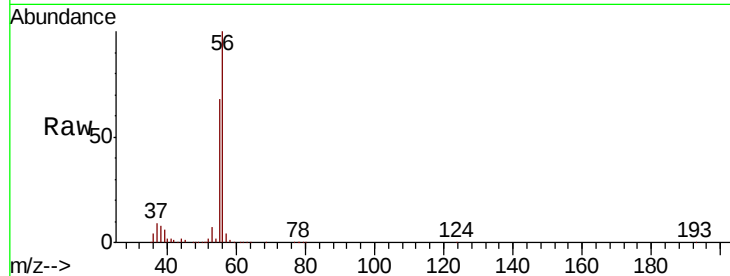
VX0418WBS01

Tot Ion: 56 Resp: 43107

Ion Ratio Lower Upper

56 100

55 68.5 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

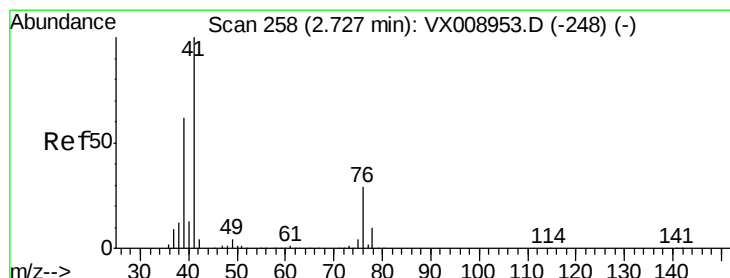
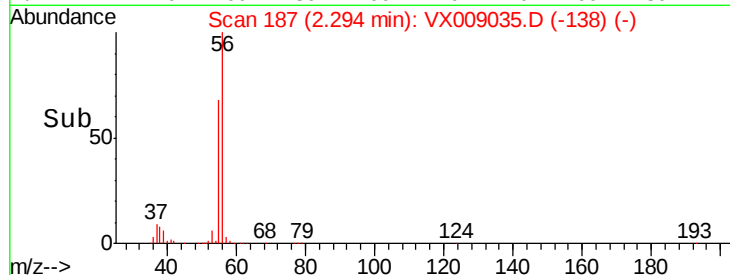
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.483 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

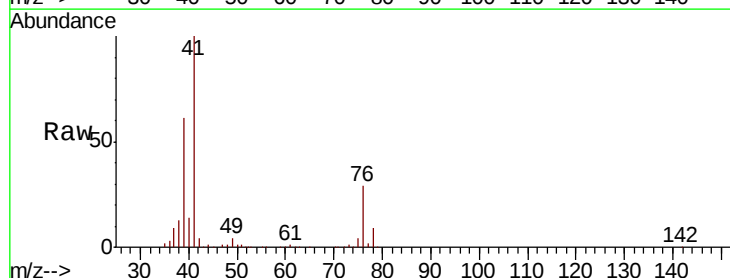
Tgt Ion: 41 Resp: 102259

Ion Ratio Lower Upper

41 100

39 59.6 46.7 70.1

76 27.5 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

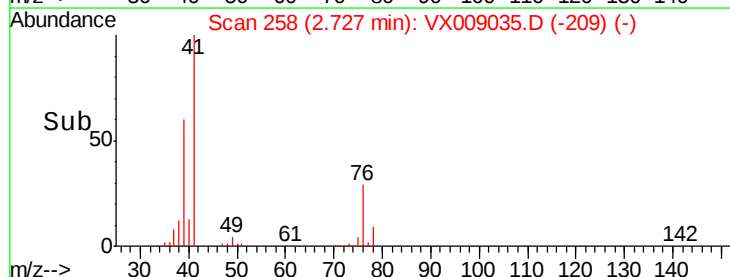
40000

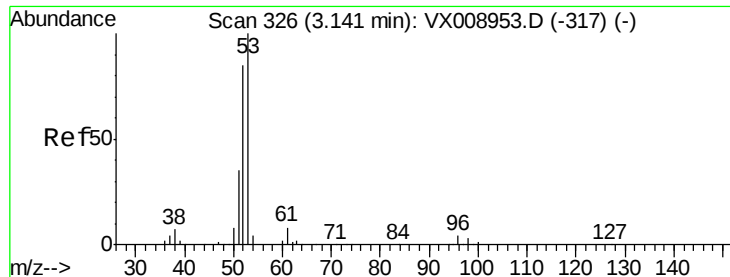
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 104.346 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0418WBS01

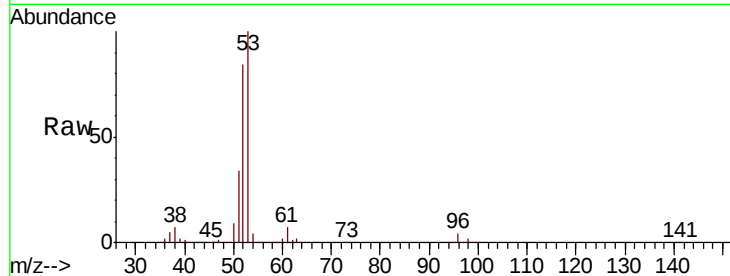
Tot Ion: 53 Resp: 176813

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

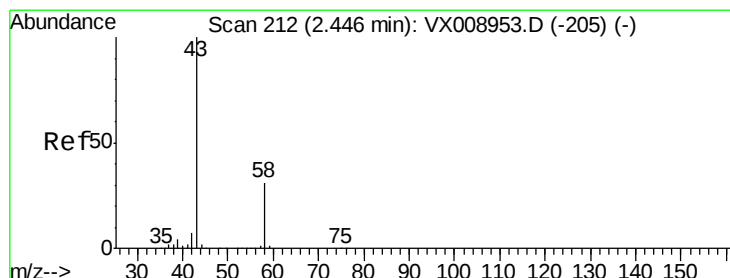
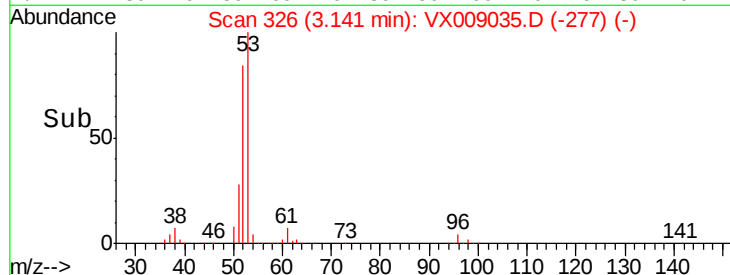
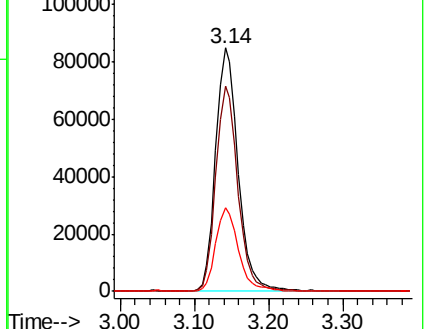
51 34.8 28.3 42.5



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: 106.010 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009035.D

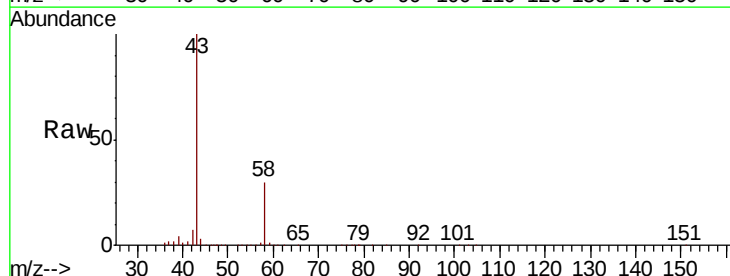
Acq: 18 Apr 2019 11:50

Tgt Ion: 43 Resp: 165320

Ion Ratio Lower Upper

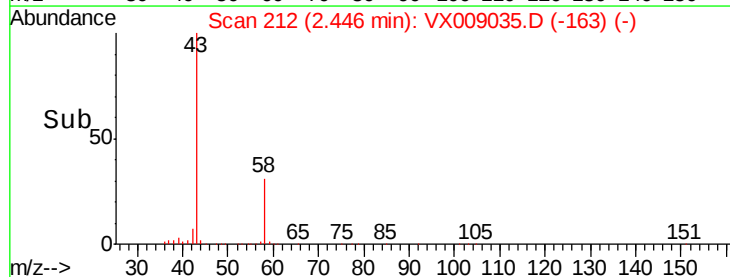
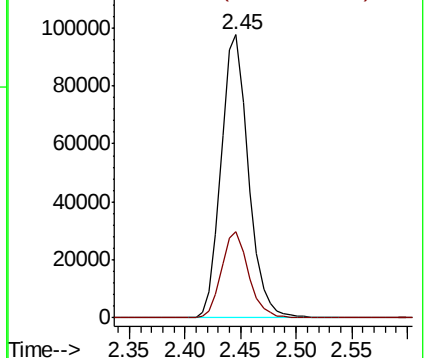
43 100

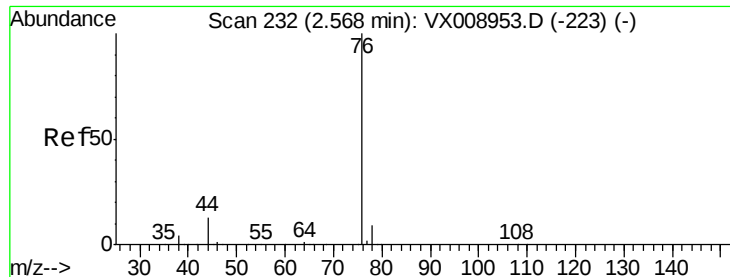
58 30.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

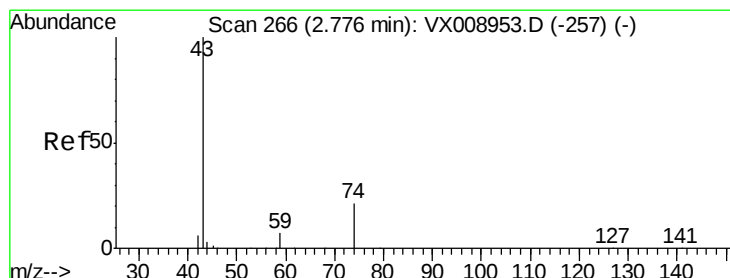
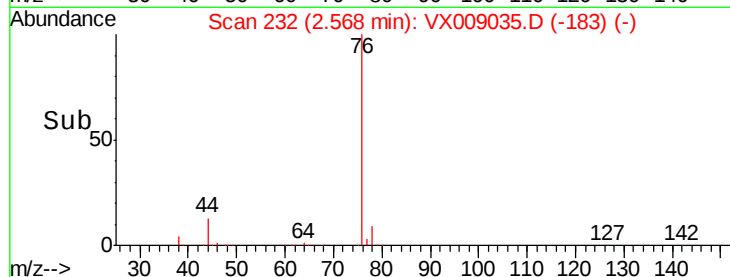
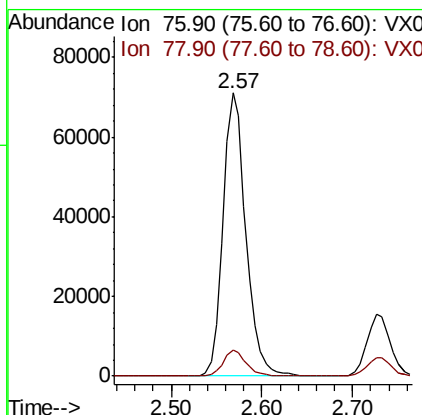
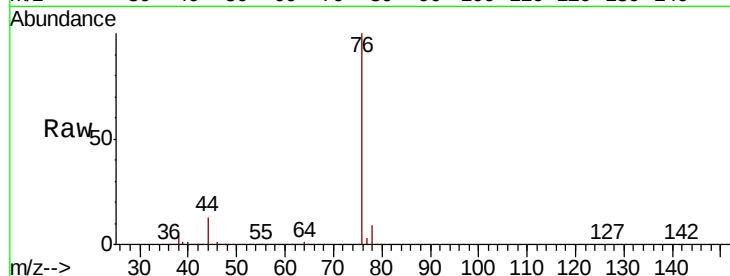




#17
Carbon Disulfide
Concen: 19.328 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

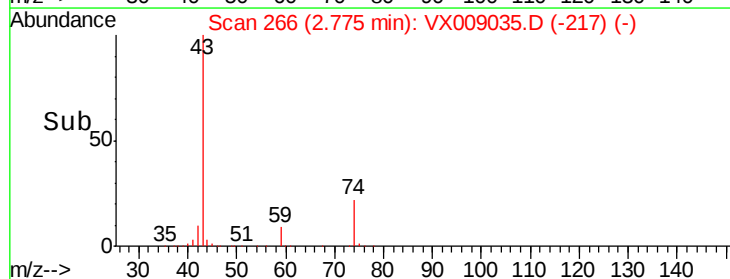
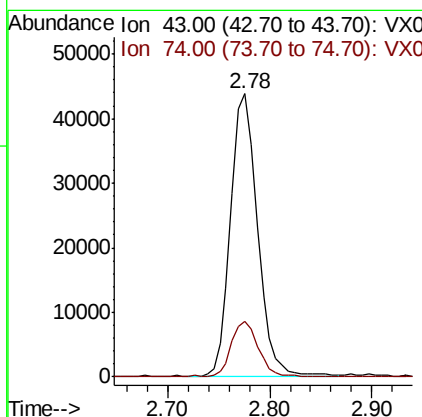
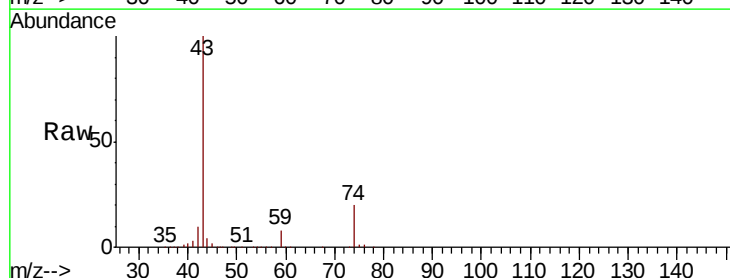
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

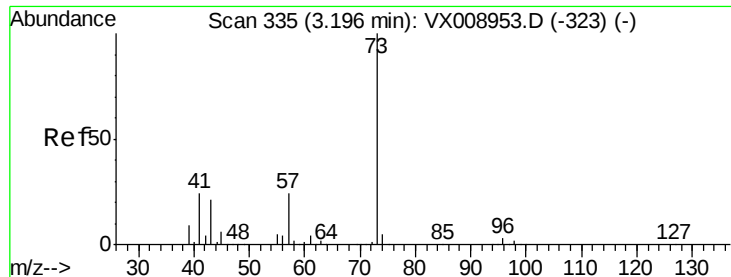
Tot Ion: 76 Resp: 124671
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 20.524 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 43 Resp: 79881
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0

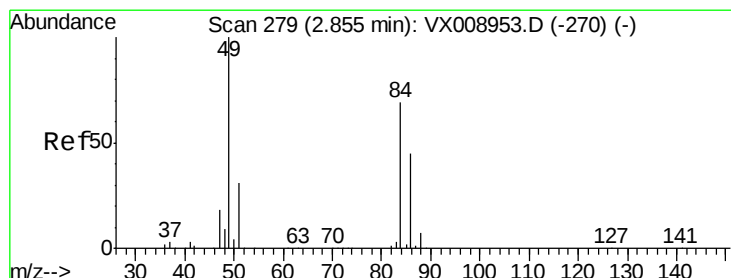
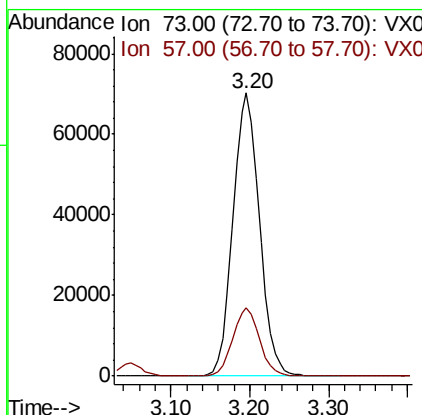
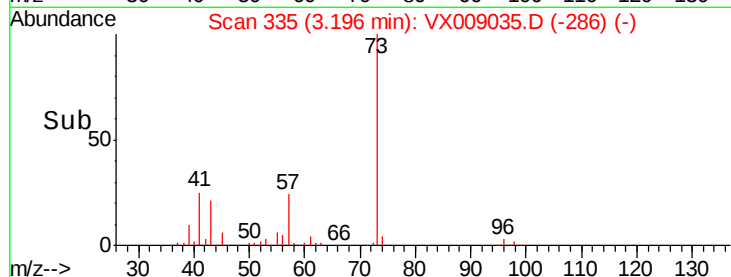
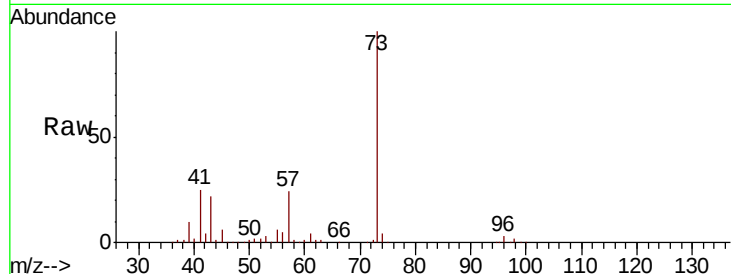




#19
Methvl tert-butvl Ether
Concen: 20.134 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

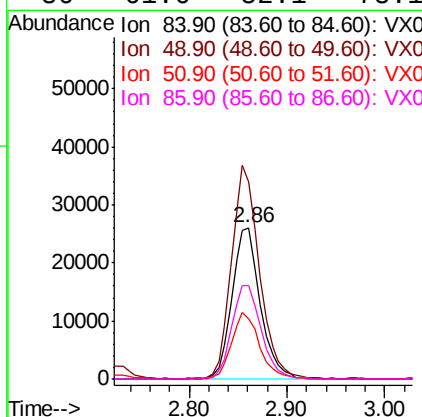
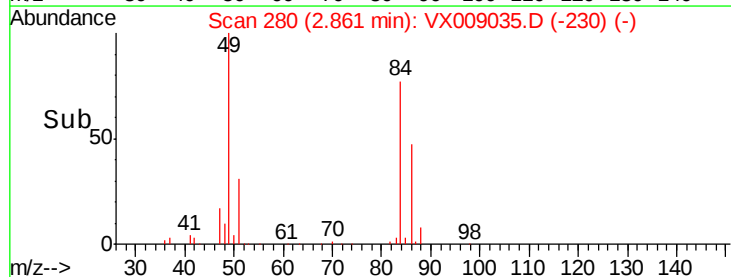
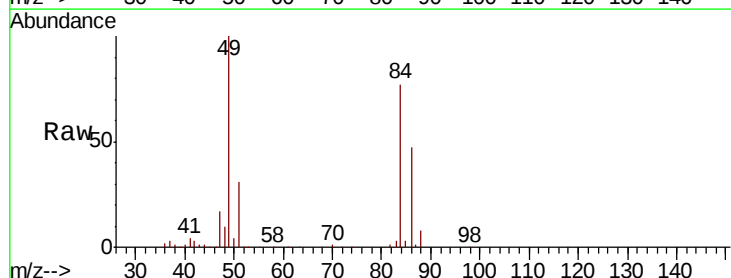
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

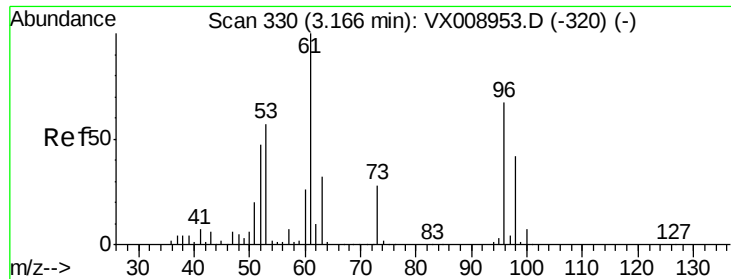
Tot Ion: 73 Resp: 164161
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8



#20
Methylene Chloride
Concen: 19.596 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 84 Resp: 52259
Ion Ratio Lower Upper
84 100
49 129.9 115.4 173.0
51 40.2 35.8 53.6
86 61.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.005 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

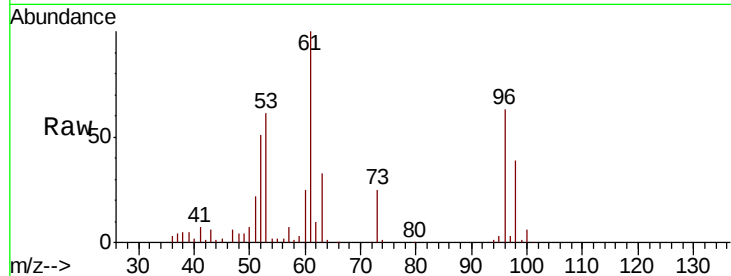
Tot Ion: 96 Resp: 46386

Ion Ratio Lower Upper

96 100

61 159.5 120.3 180.5

98 61.5 50.2 75.2

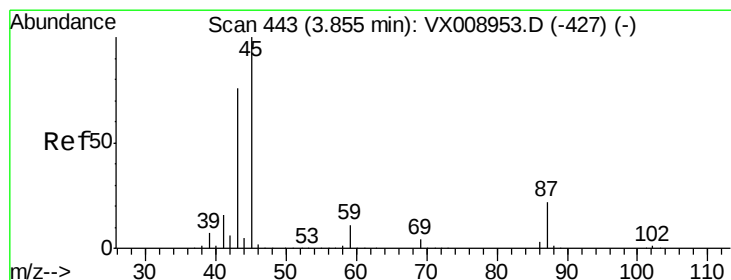
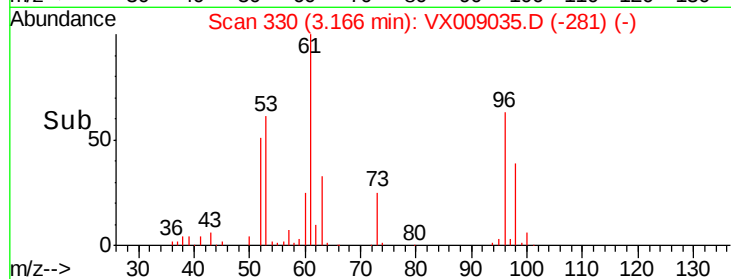
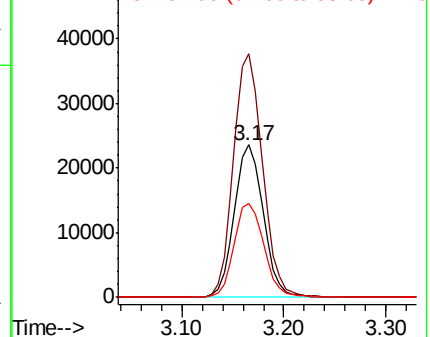


Abundance

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



#22

Diisopropyl ether

Concen: 20.853 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Tgt Ion: 45 Resp: 202300

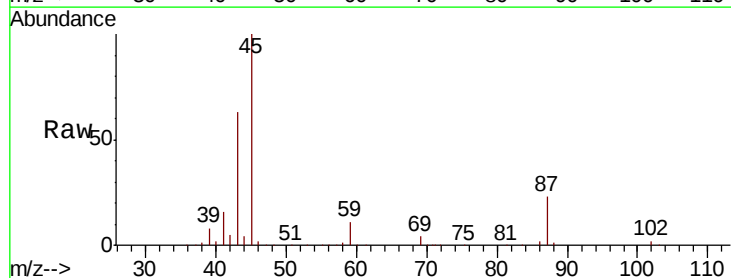
Ion Ratio Lower Upper

45 100

43 62.5 60.6 91.0

87 22.5 17.8 26.8

59 10.7 8.7 13.1



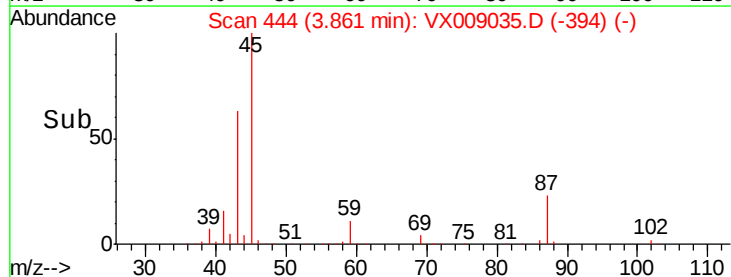
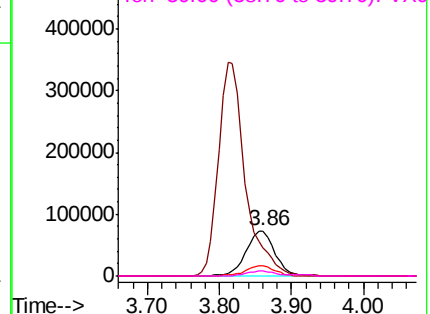
Abundance

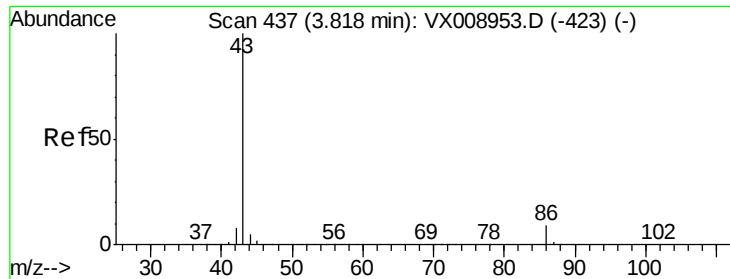
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.500 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

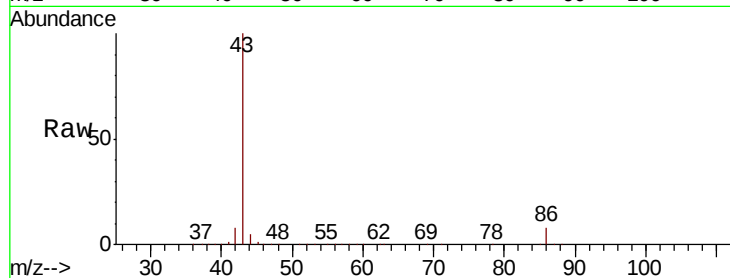
VX0418WBS01

Tot Ion: 43 Resp: 899669

Ion Ratio Lower Upper

43 100

86 8.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

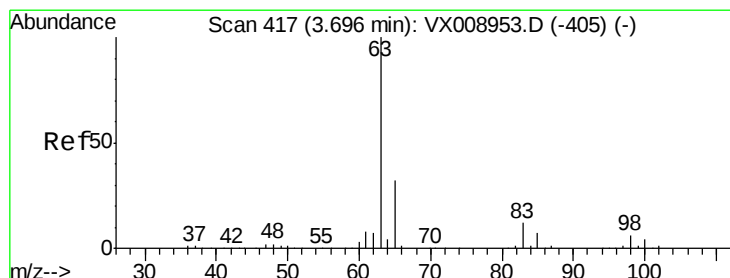
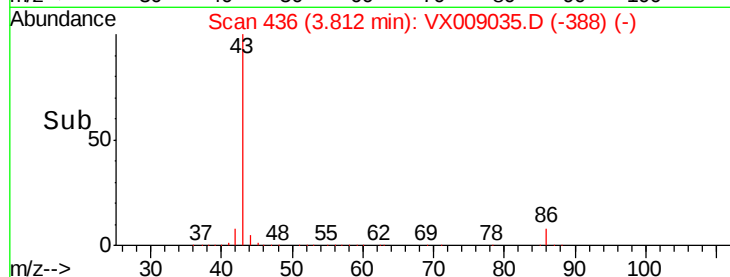
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.981 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

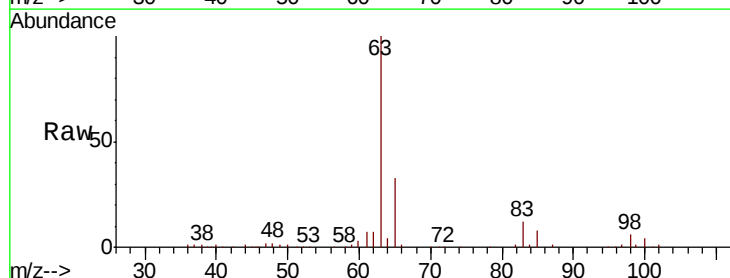
Tgt Ion: 63 Resp: 97302

Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.3

100 4.1 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

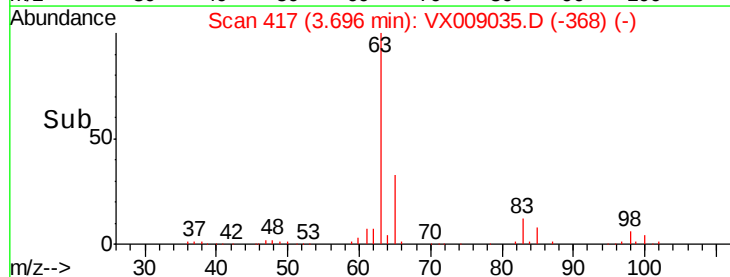
30000

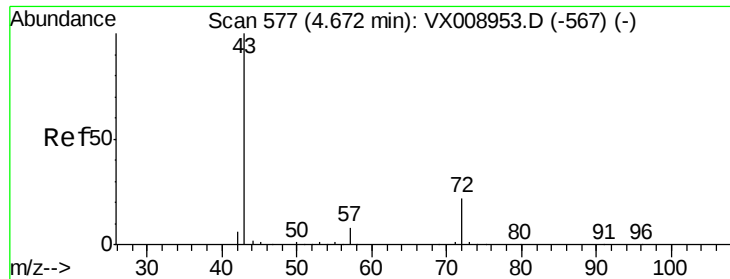
20000

10000

0

Time-->





#25

2-Butanone

Concen: 107.254 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

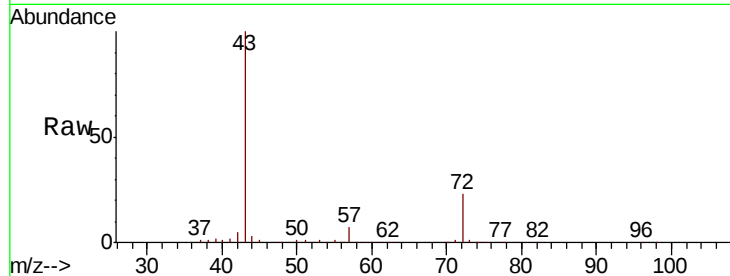
VX0418WBS01

Tot Ion: 43 Resp: 267353

Ion Ratio Lower Upper

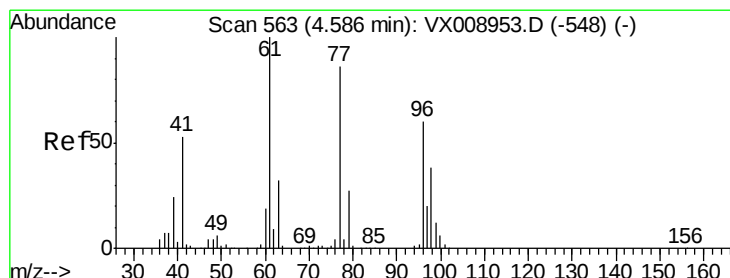
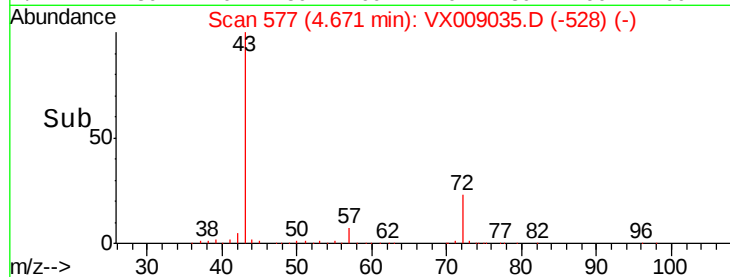
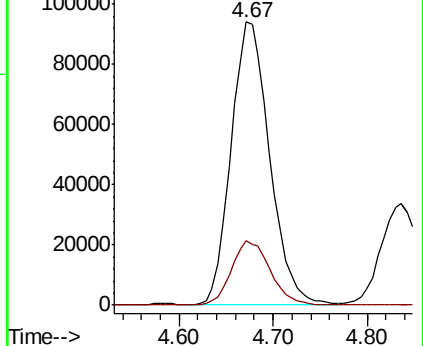
43 100

72 22.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.000 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009035.D

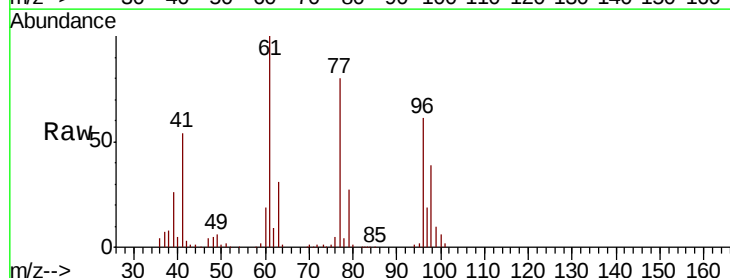
Acq: 18 Apr 2019 11:50

Tgt Ion: 77 Resp: 69356

Ion Ratio Lower Upper

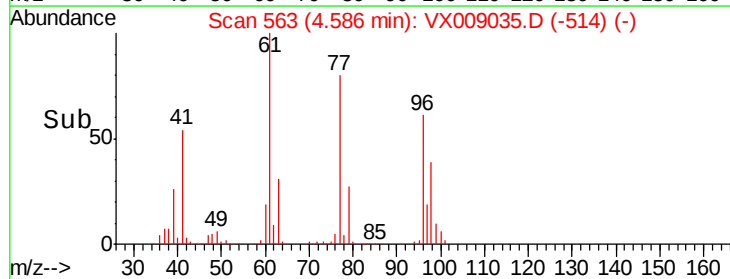
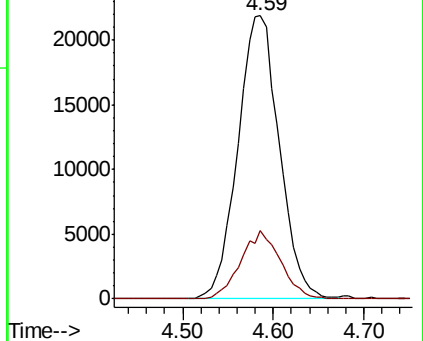
77 100

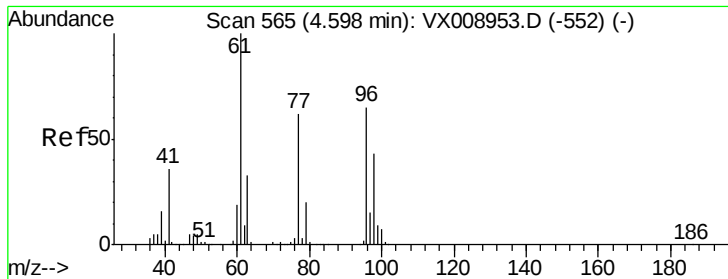
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



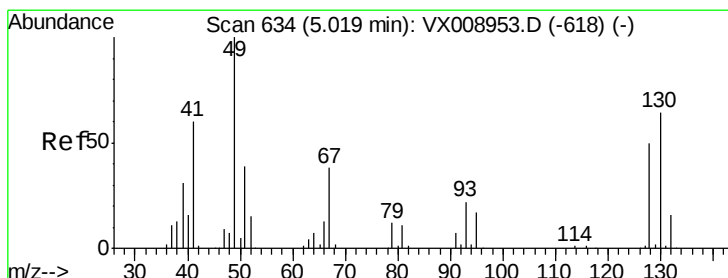
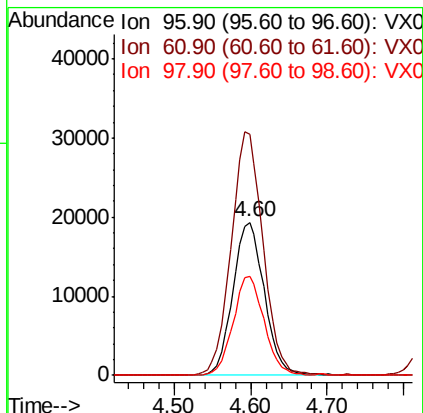
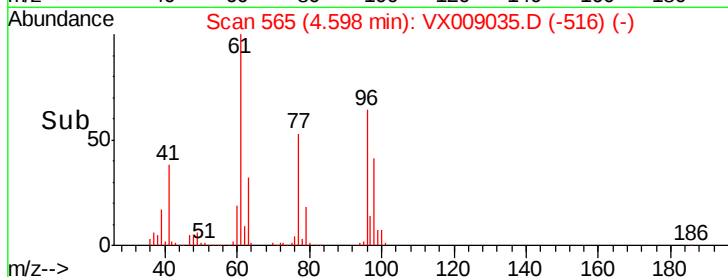
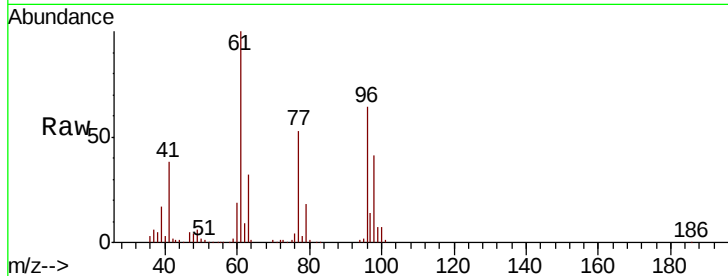


#27

cis-1,2-Dichloroethene
Concen: 19.839 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

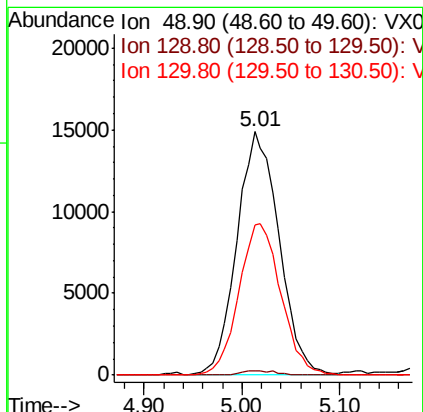
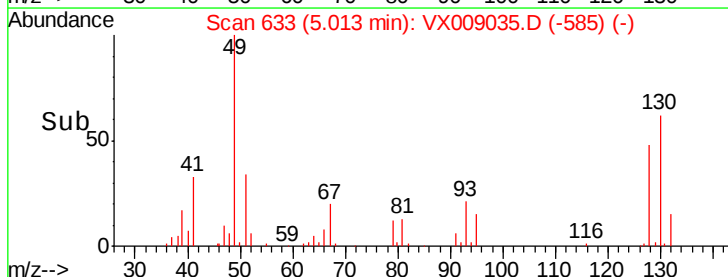
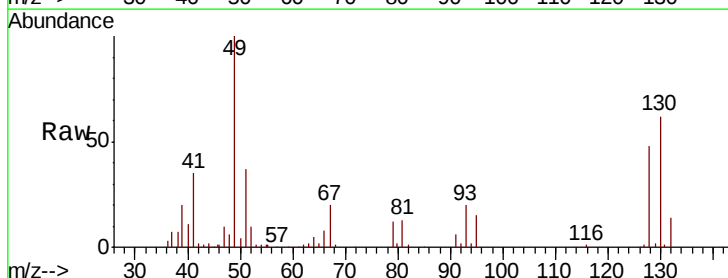
Tot Ion: 96 Resp: 54976
Ion Ratio Lower Upper
96 100
61 161.2 0.0 322.0
98 63.9 0.0 128.4

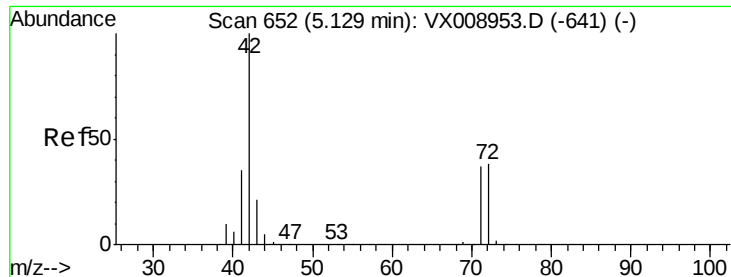


#28

Bromochloromethane
Concen: 20.954 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 49 Resp: 44651
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.6
130 61.7 50.4 75.6





#29

Tetrahydrofuran

Concen: 104.458 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

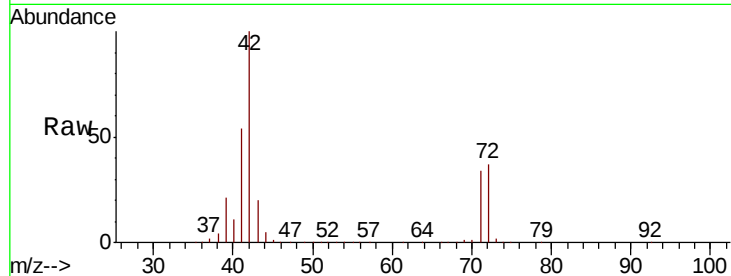
Tot Ion: 42 Resp: 174280

Ion Ratio Lower Upper

42 100

72 37.5 30.6 45.8

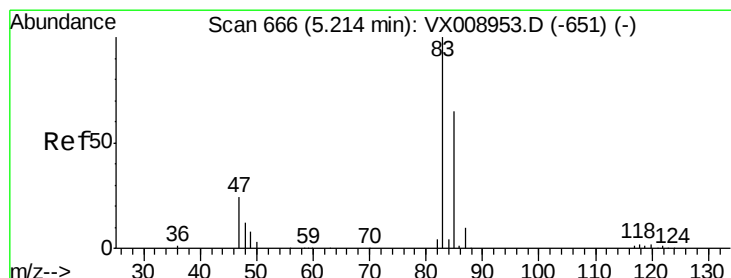
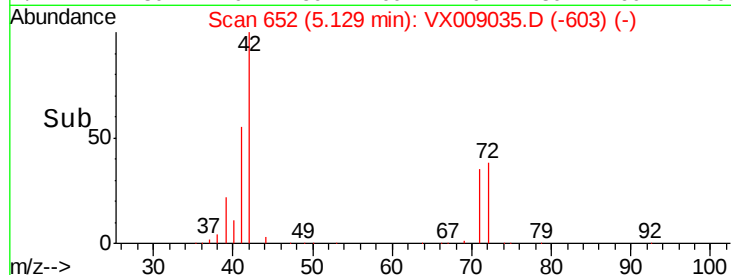
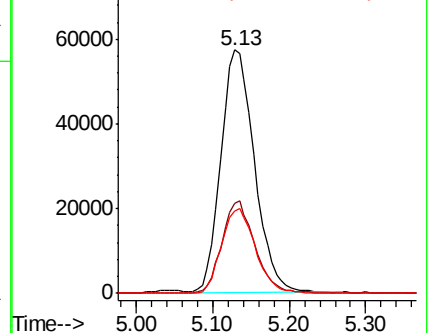
71 35.4 28.8 43.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.294 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009035.D

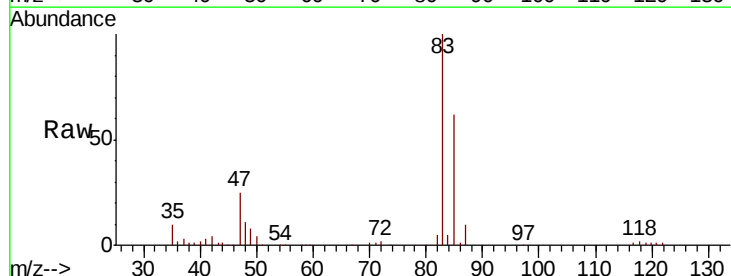
Acq: 18 Apr 2019 11:50

Tgt Ion: 83 Resp: 88438

Ion Ratio Lower Upper

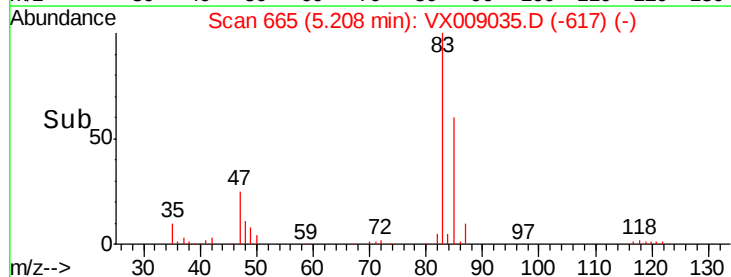
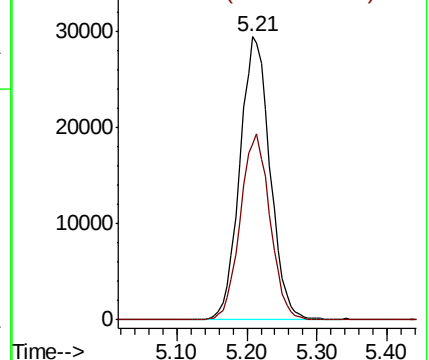
83 100

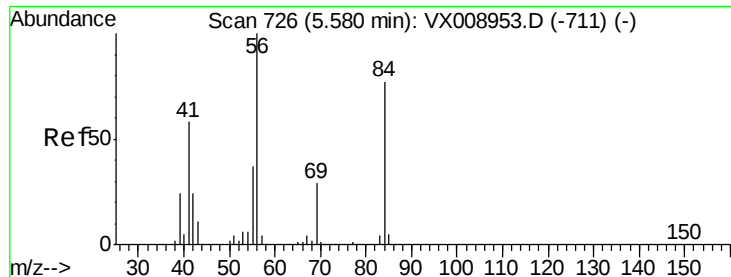
85 62.2 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.902 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

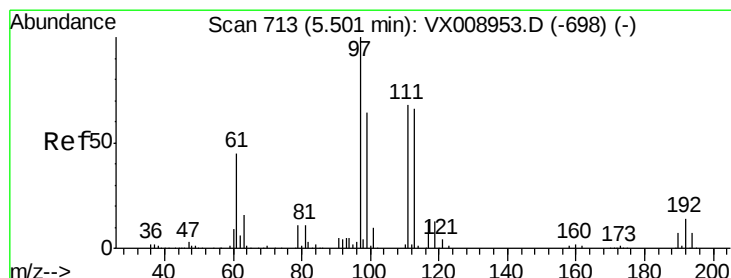
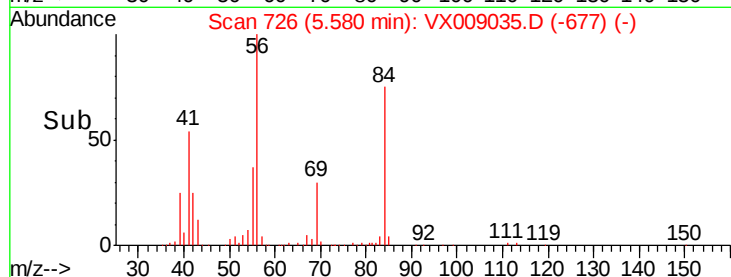
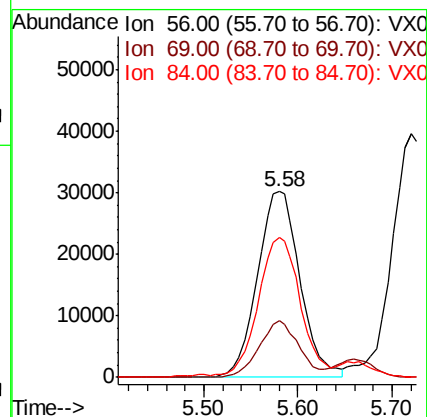
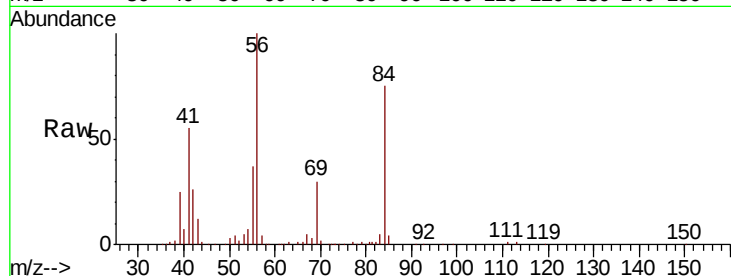
Tot Ion: 56 Resp: 95324

Ion Ratio Lower Upper

56 100

69 30.2 23.3 34.9

84 74.5 61.7 92.5



#32

1,1,1-Trichloroethane

Concen: 19.992 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

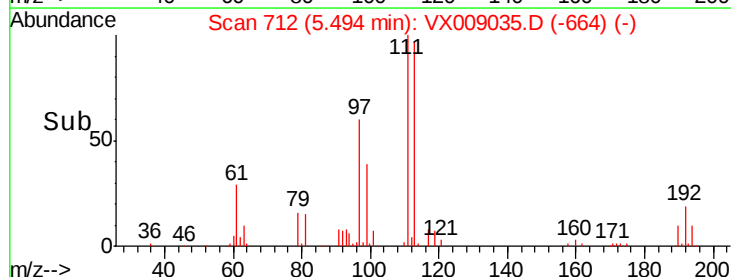
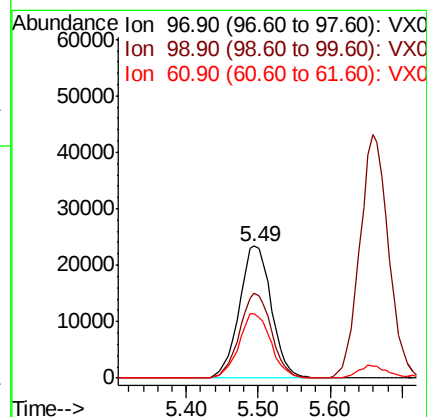
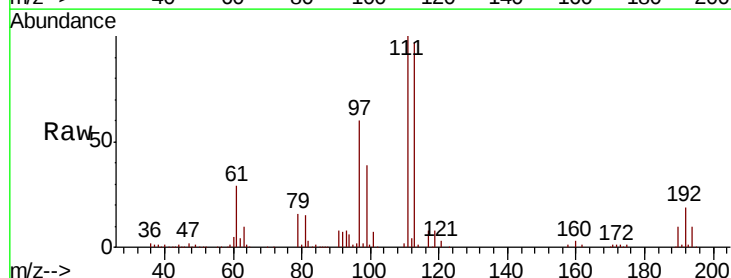
Tgt Ion: 97 Resp: 72206

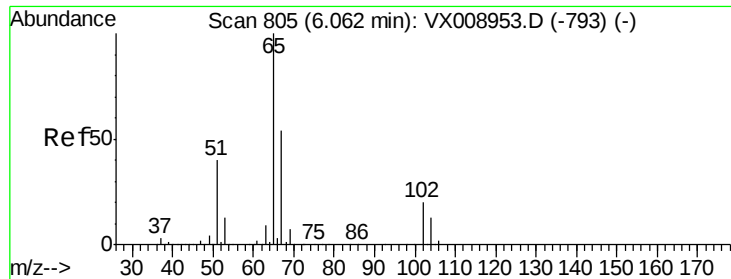
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 49.0 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 50.220 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

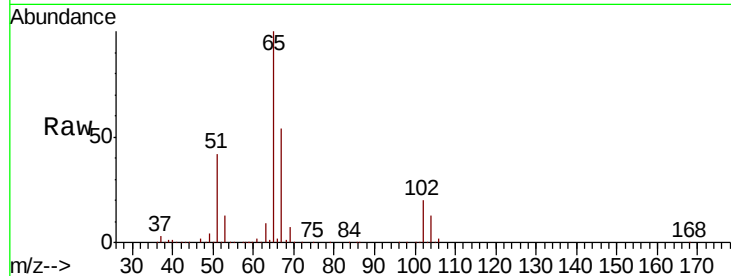
VX0418WBS01

Tot Ion: 65 Resp: 151023

Ion Ratio Lower Upper

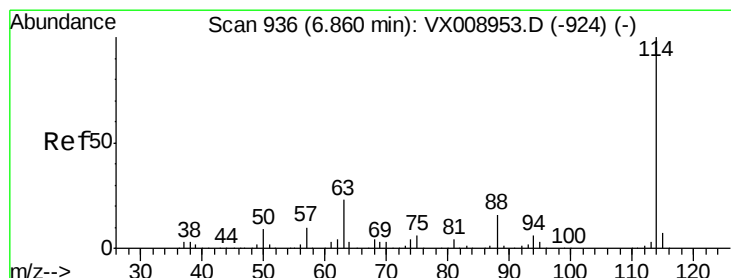
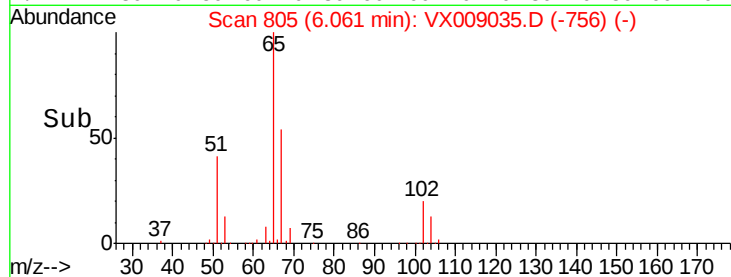
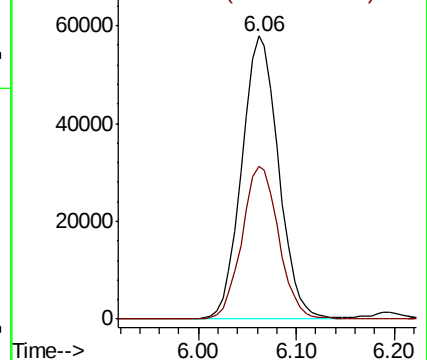
65 100

67 53.9 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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

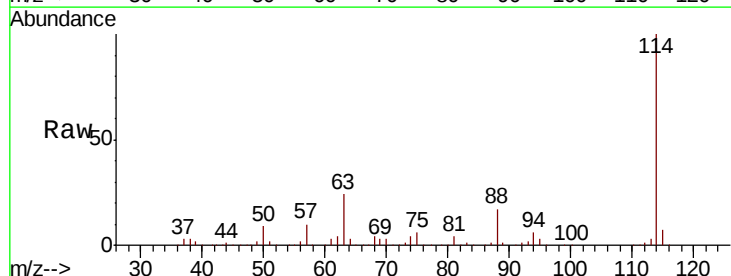
Tgt Ion:114 Resp: 348572

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.0

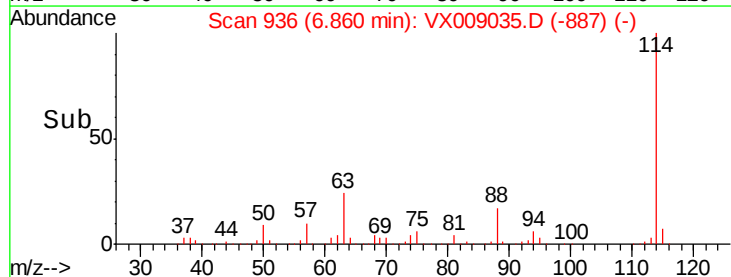
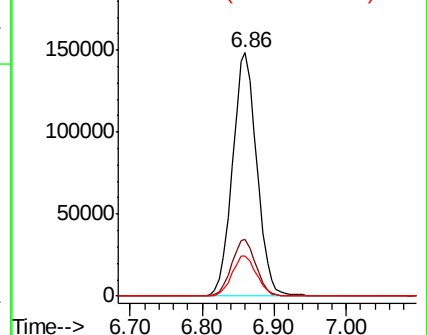
88 16.5 0.0 32.6

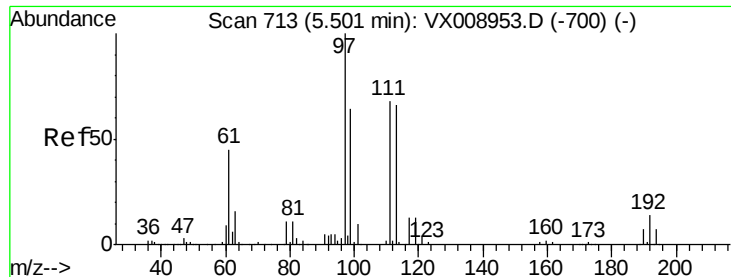


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.048 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

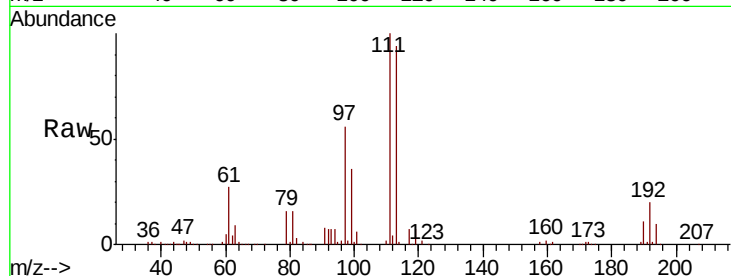
Tot Ion:113 Resp: 109724

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

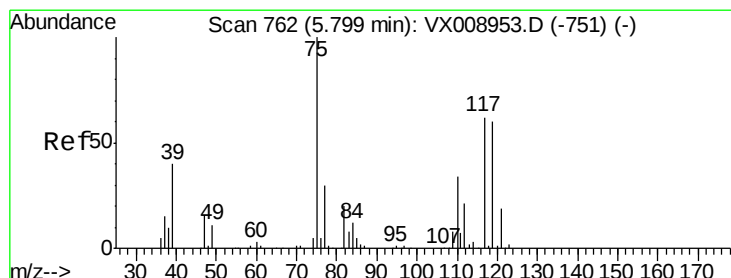
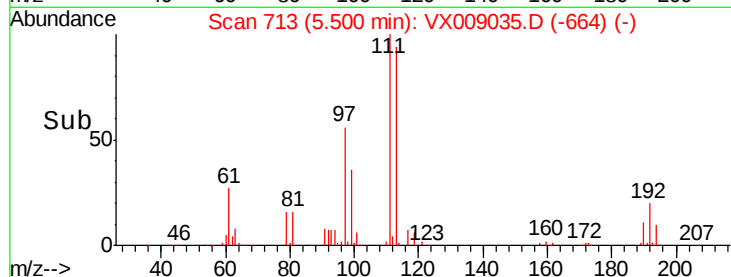
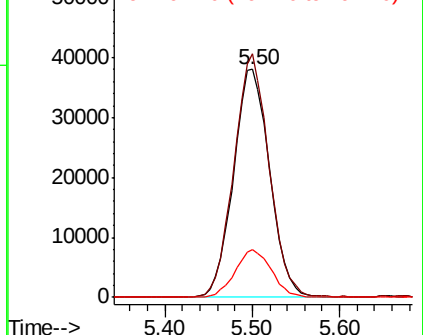
192 20.8 17.4 26.0



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: 18.632 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

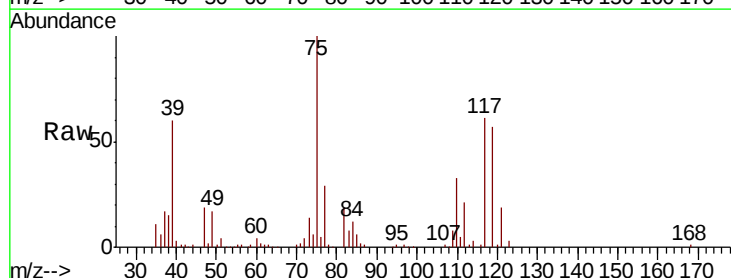
Tgt Ion: 75 Resp: 67167

Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.7

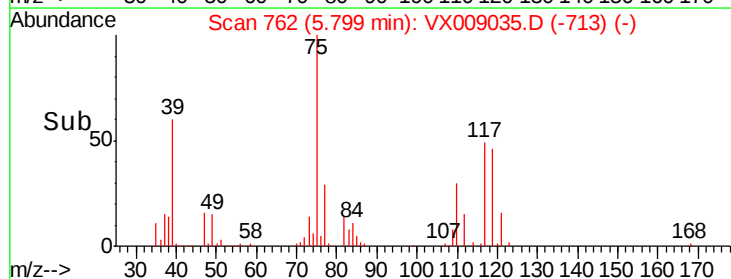
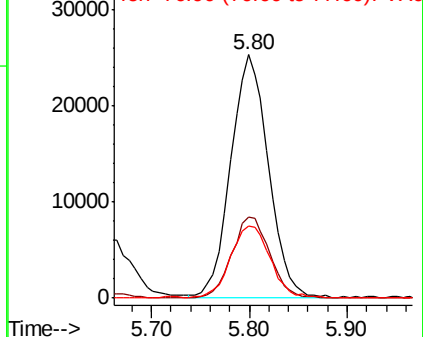
77 31.8 25.0 37.4

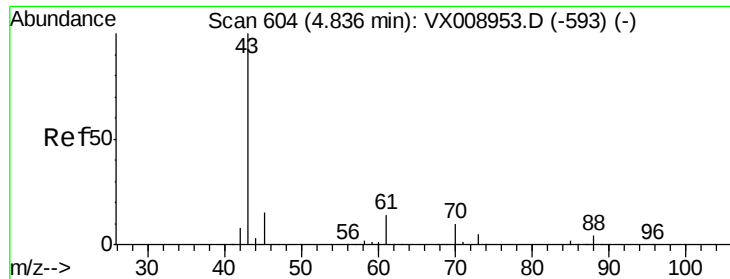


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

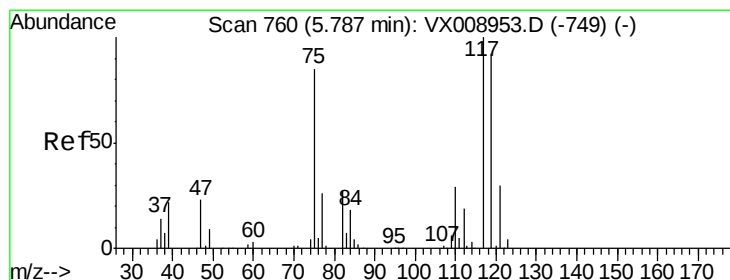
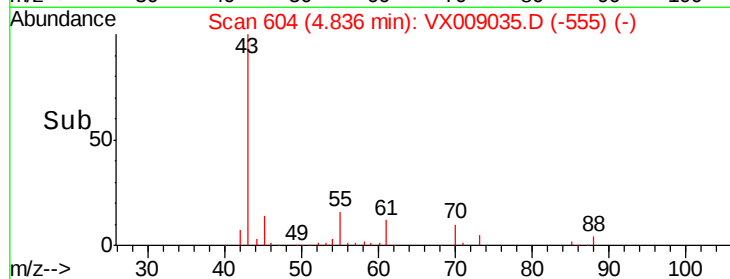
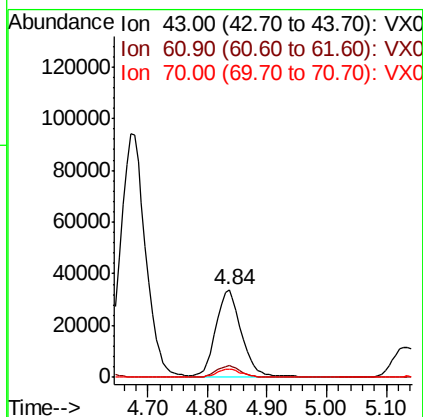
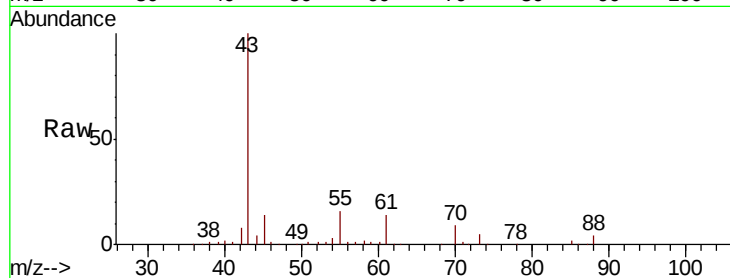




#37
Ethyl Acetate
Concen: 21.592 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

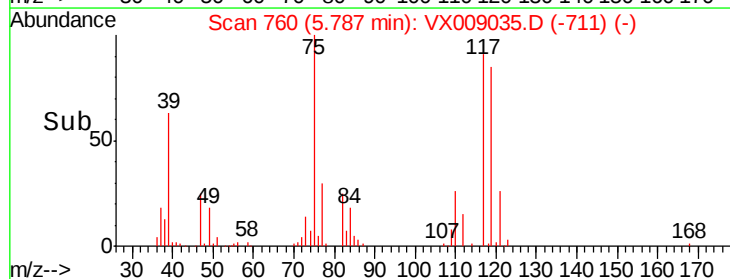
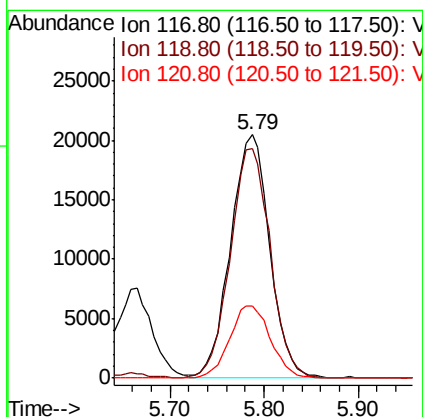
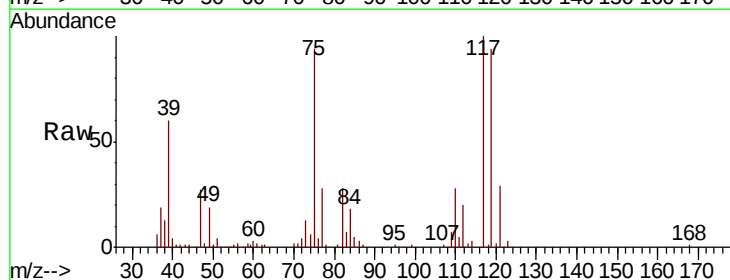
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

Tot Ion: 43 Resp: 100162
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.454 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 117 Resp: 59454
Ion Ratio Lower Upper
117 100
119 94.4 73.8 110.8
121 29.4 23.6 35.4

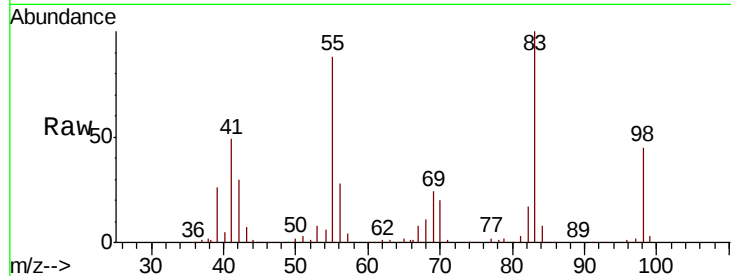




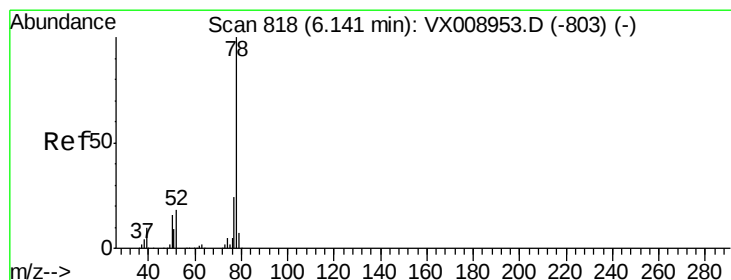
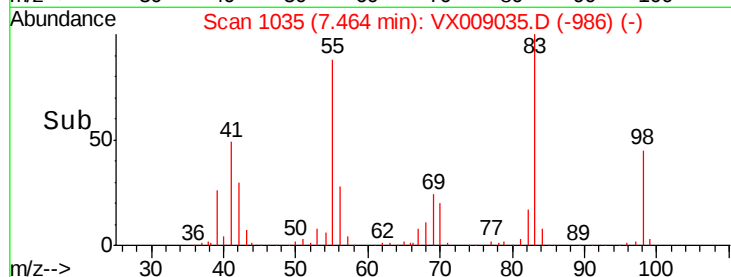
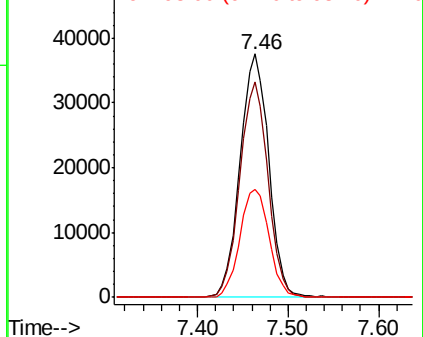
#39
Methvlcvclohexane
Concen: 18.782 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

Tot Ion: 83 Resp: 82438
Ion Ratio Lower Upper
83 100
55 88.4 67.1 100.7
98 44.5 35.1 52.7

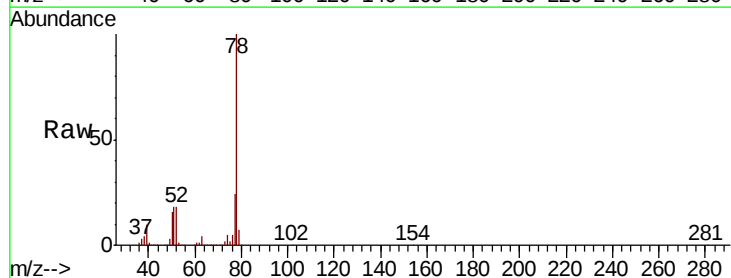


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

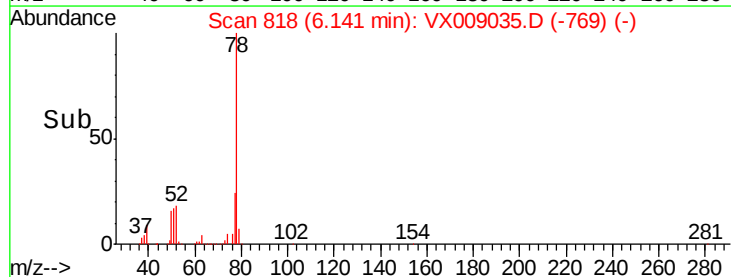
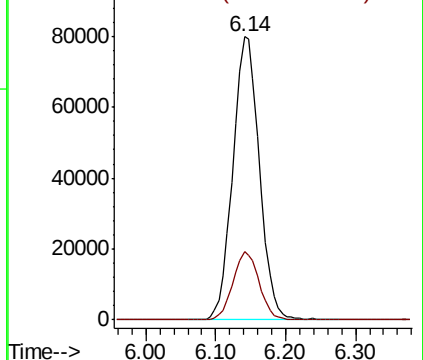


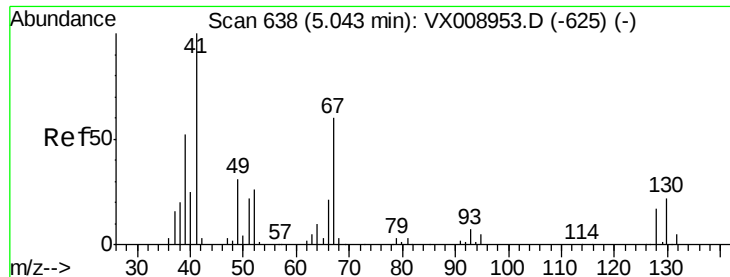
#40
Benzene
Concen: 19.786 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 78 Resp: 210423
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

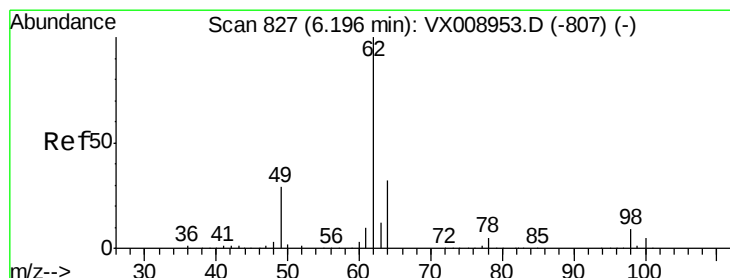
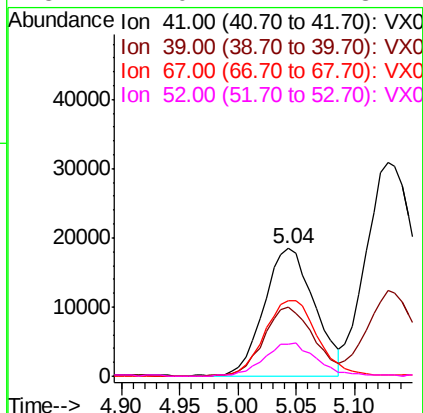
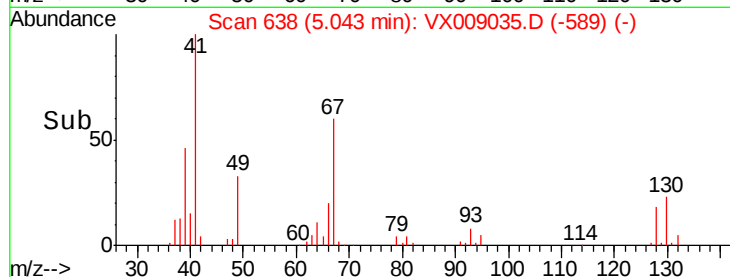
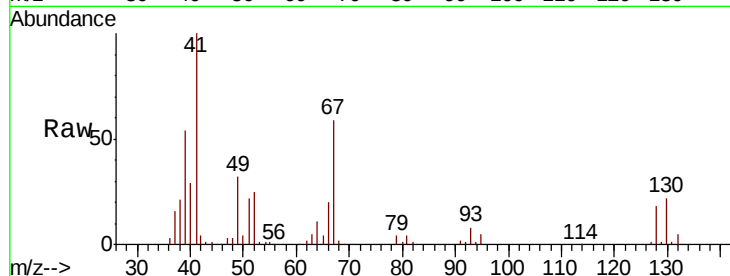




#41
Methacrylonitrile
Concen: 20.900 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

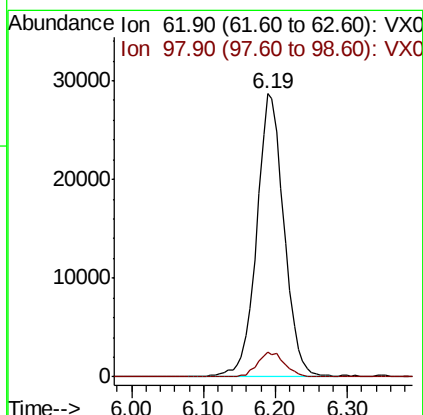
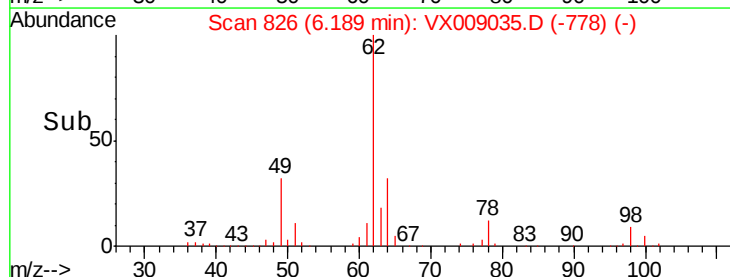
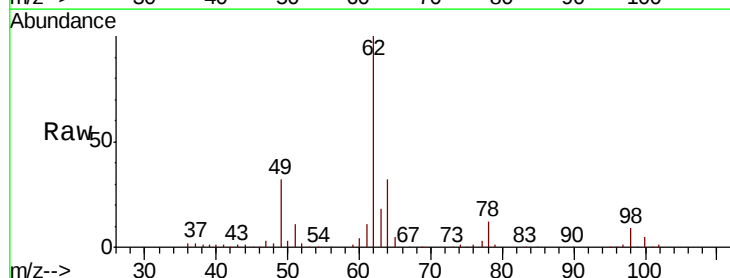
Instrument :
MSVOA_X
ClientSampled :
VX0418WBS01

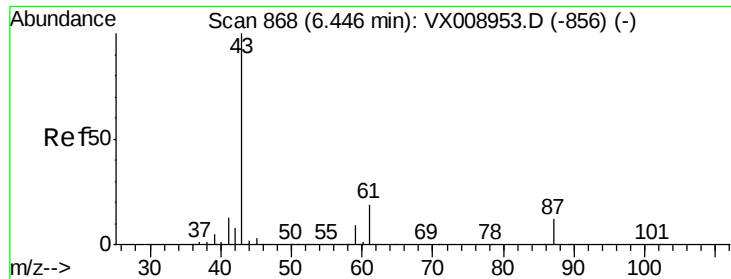
Tot Ion:	41	Resp:	55643
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.8	62.6
67	62.5	50.2	75.4
52	27.0	21.1	31.7



#42
1,2-Dichloroethane
Concen: 20.114 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion:	62	Resp:	75775
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4



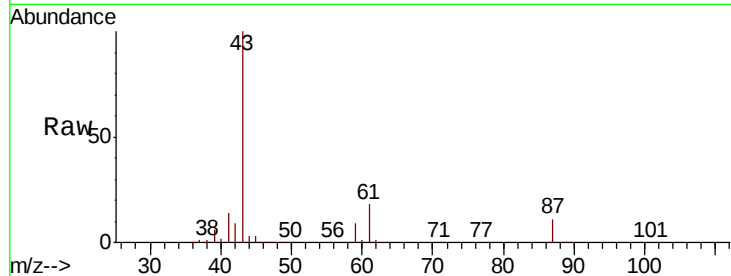


#43

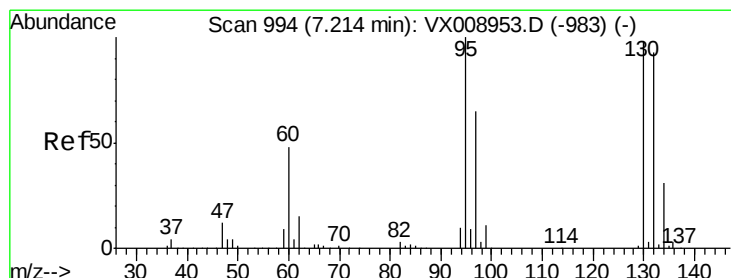
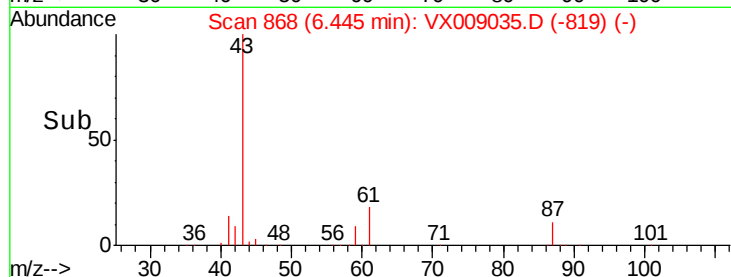
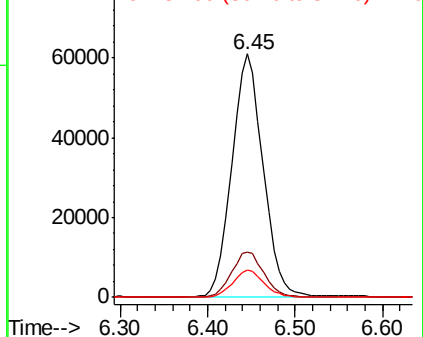
Isopropyl Acetate
 Concen: 20.237 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

Tot Ion: 43 Resp: 151283
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.4 23.0
 87 11.2 9.0 13.4



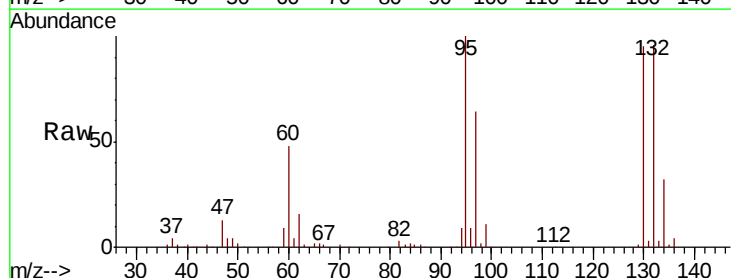
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



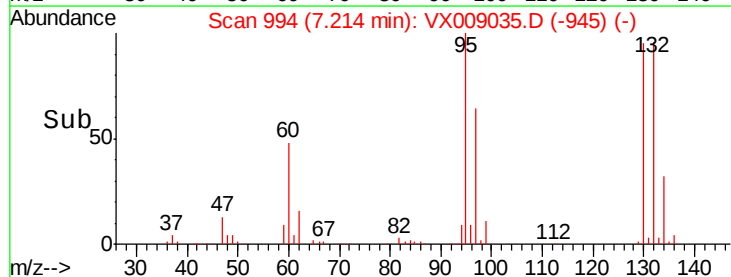
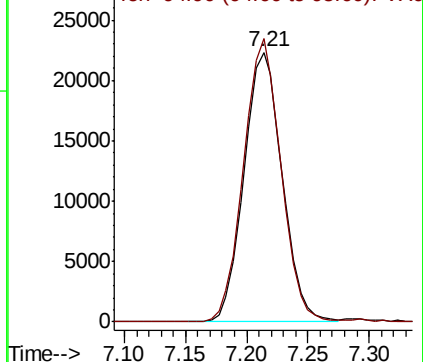
#44

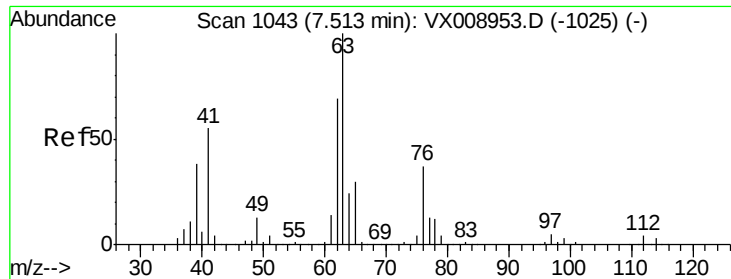
Trichloroethene
 Concen: 18.594 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Tgt Ion:130 Resp: 48453
 Ion Ratio Lower Upper
 130 100
 95 105.1 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: 20.011 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

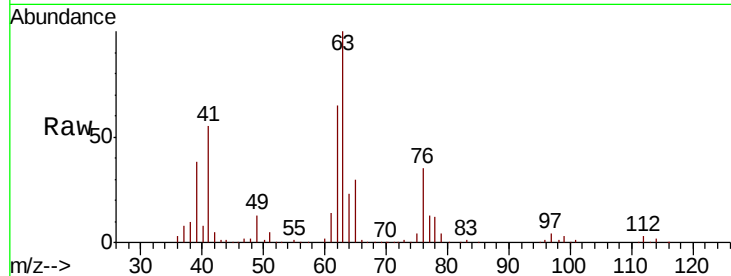
VX0418WBS01

Tot Ion: 63 Resp: 59041

Ion Ratio Lower Upper

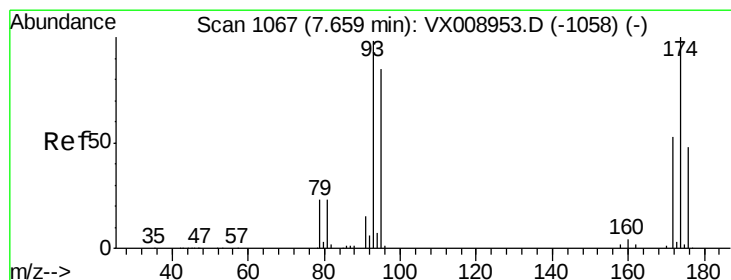
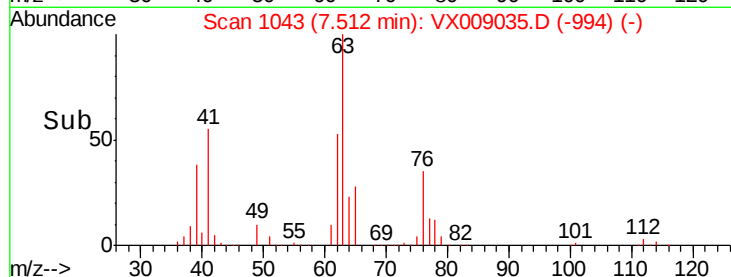
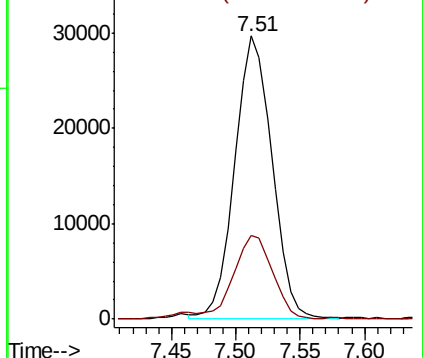
63 100

65 29.2 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.903 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

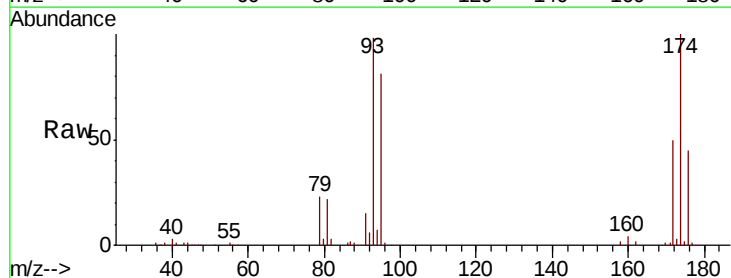
Tgt Ion: 93 Resp: 34174

Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.4

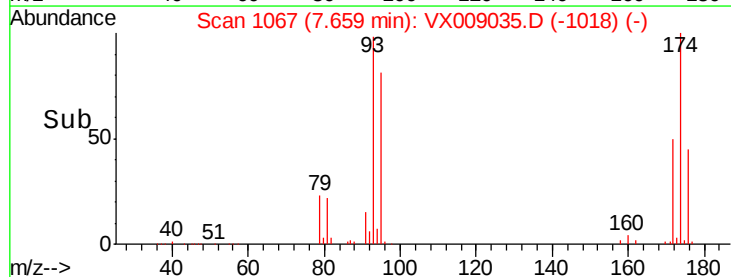
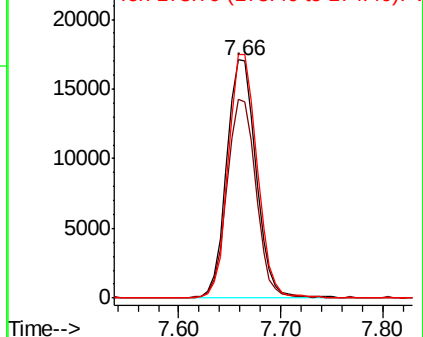
174 99.9 81.6 122.4

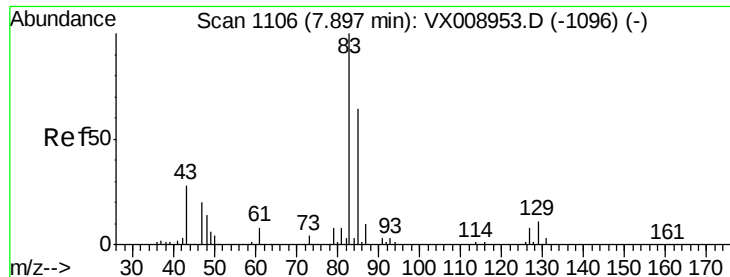


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.484 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

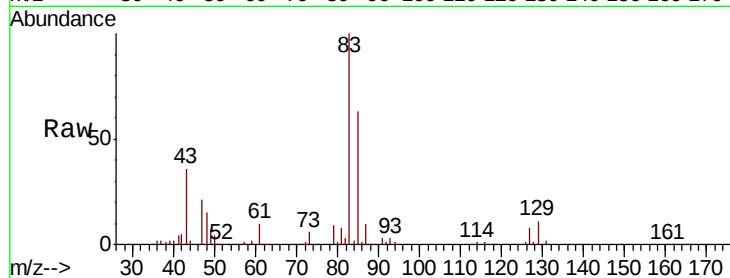
Tot Ion: 83 Resp: 65619

Ion Ratio Lower Upper

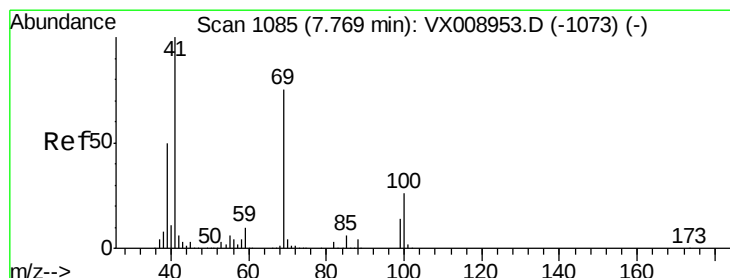
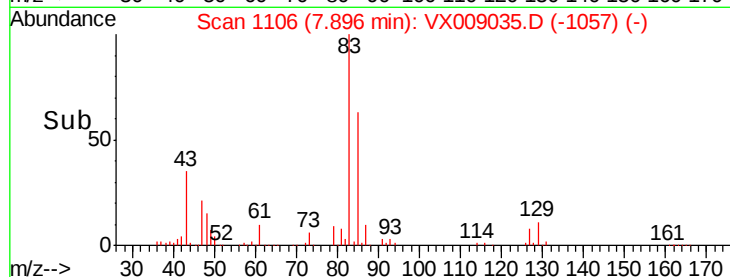
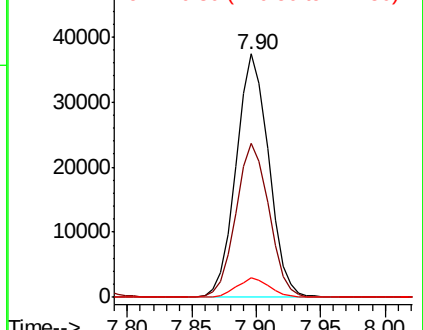
83 100

85 63.2 50.8 76.2

127 8.3 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: 20.607 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

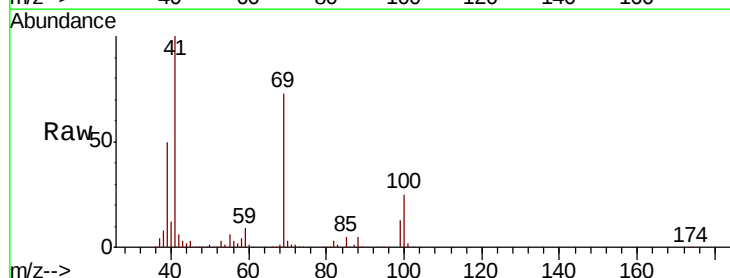
Tgt Ion: 41 Resp: 76116

Ion Ratio Lower Upper

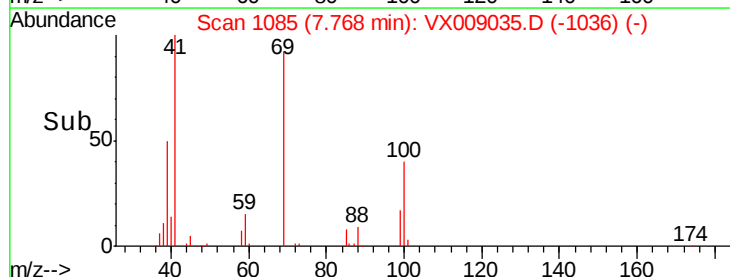
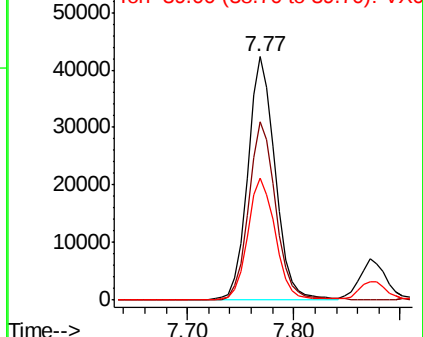
41 100

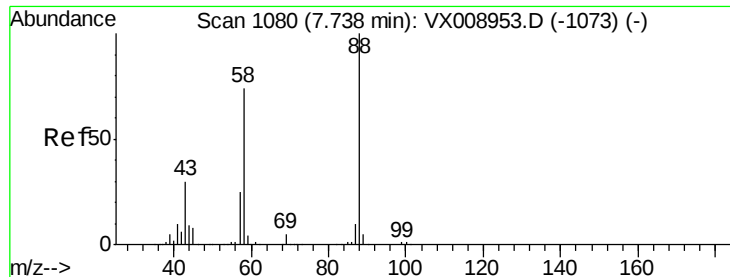
69 73.0 59.4 89.2

39 50.5 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

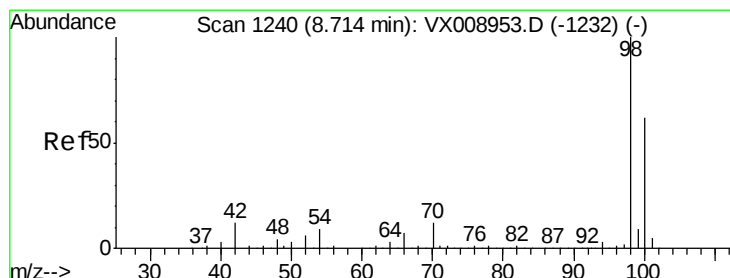
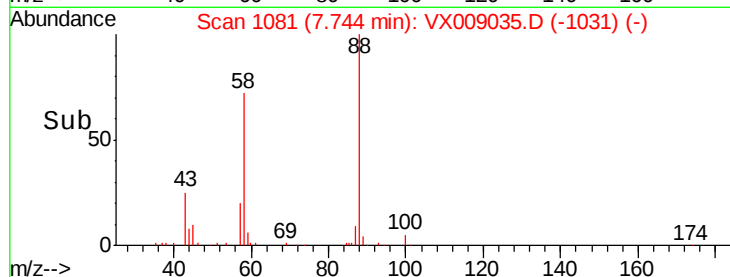
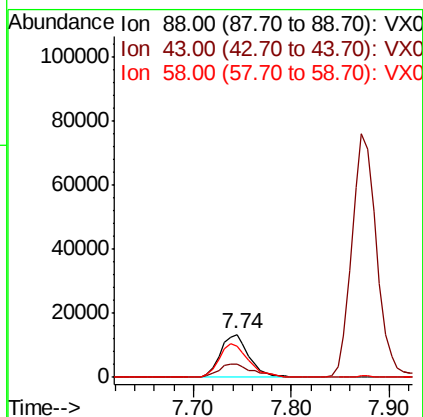
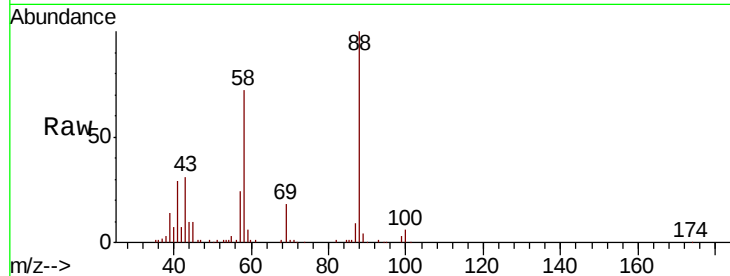




#49
1,4-Dioxane
Concen: 394.391 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

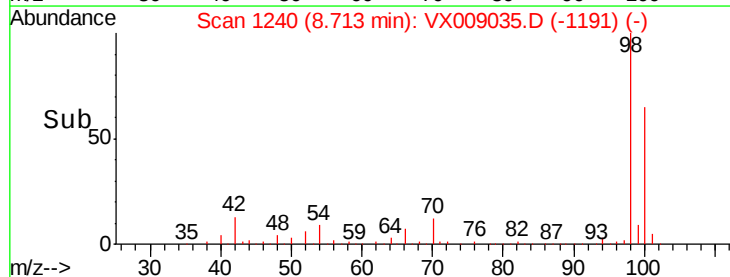
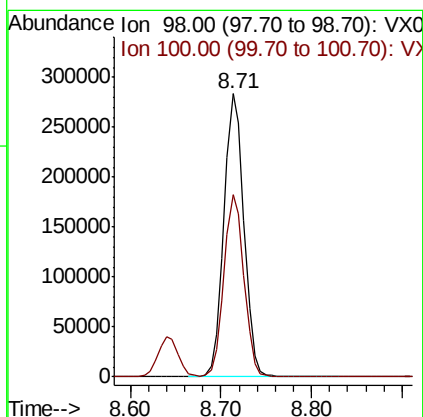
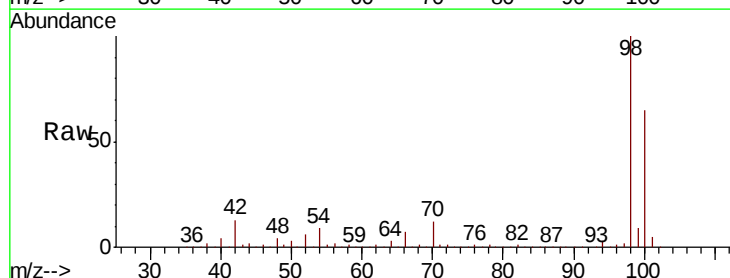
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

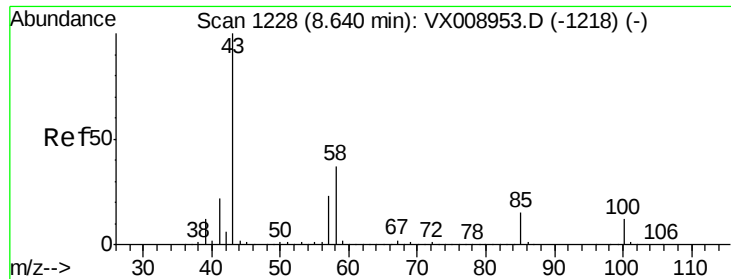
Tot Ion: 88 Resp: 27266
Ion Ratio Lower Upper
88 100
43 36.6 29.3 43.9
58 81.3 62.6 93.8



#50
Toluene-d8
Concen: 48.909 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 98 Resp: 436338
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2

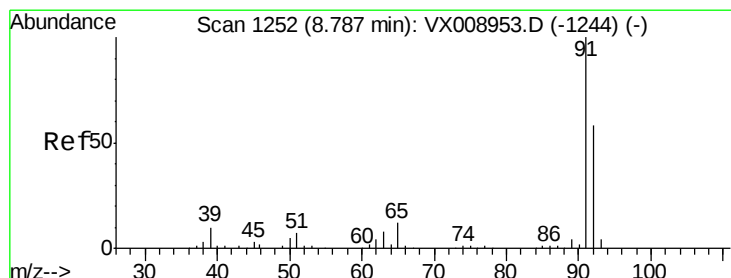
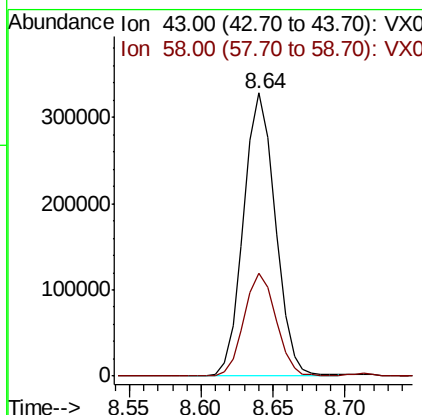
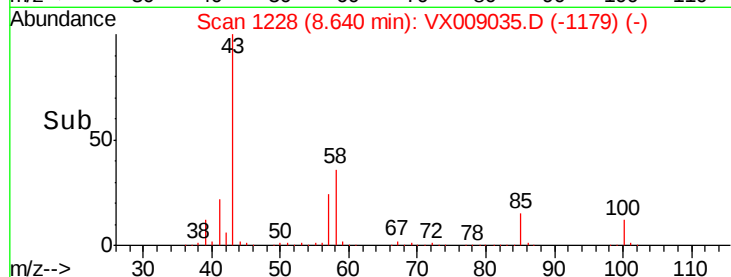
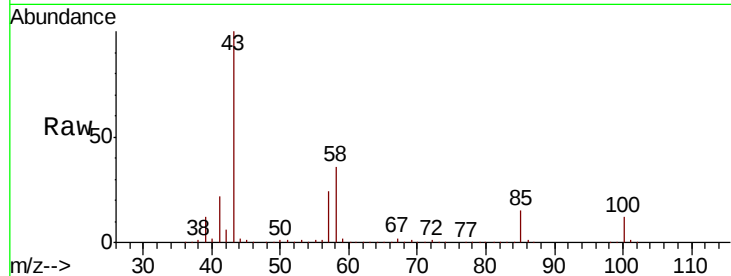




#51
4-Methyl-2-Pentanone
Concen: 105.766 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

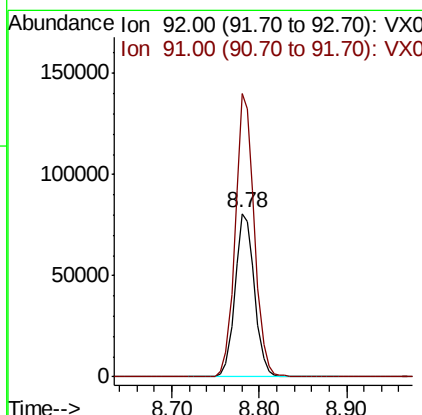
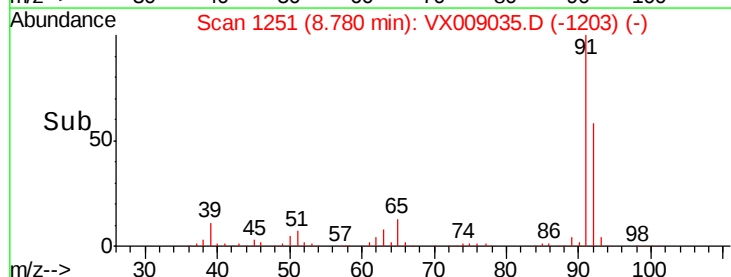
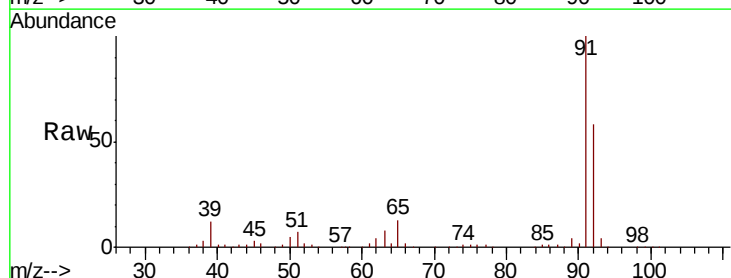
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

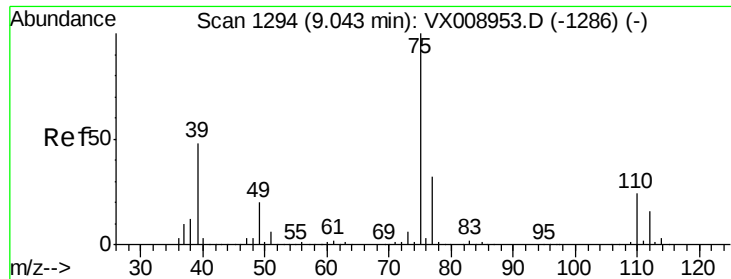
Tot Ion: 43 Resp: 503703
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6



#52
Toluene
Concen: 19.691 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 92 Resp: 125505
Ion Ratio Lower Upper
92 100
91 170.2 138.5 207.7

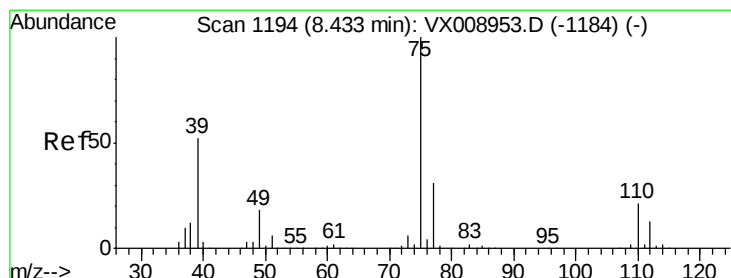
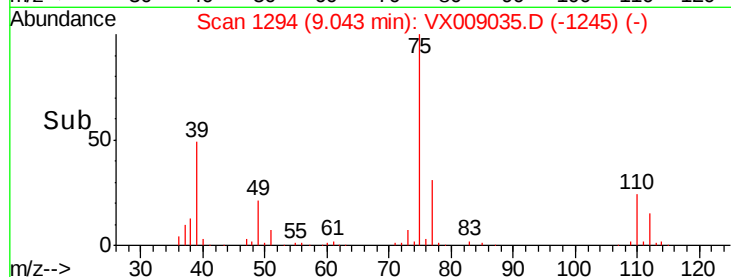
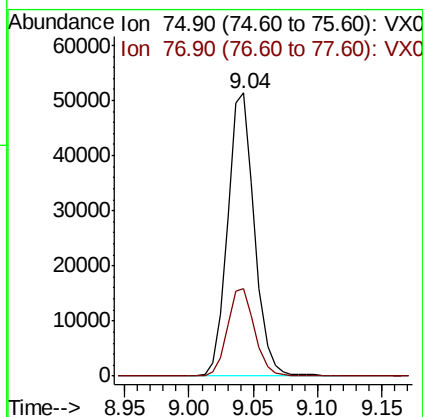
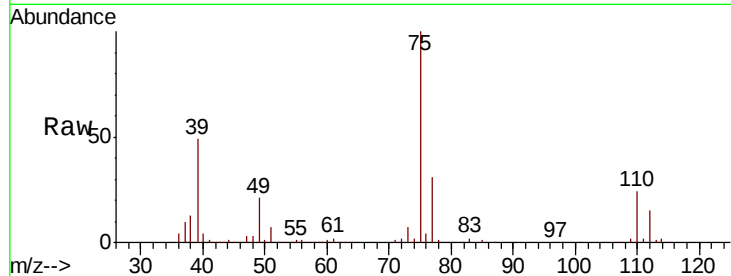




#53
t-1,3-Dichloropropene
Concen: 19.336 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

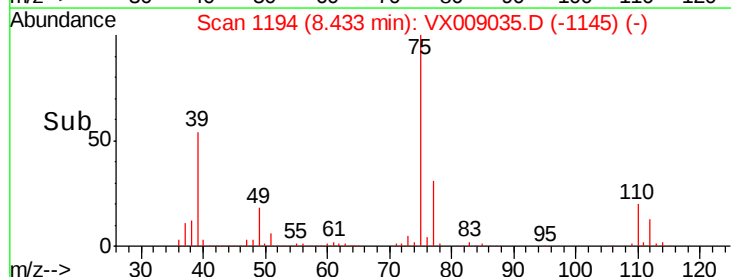
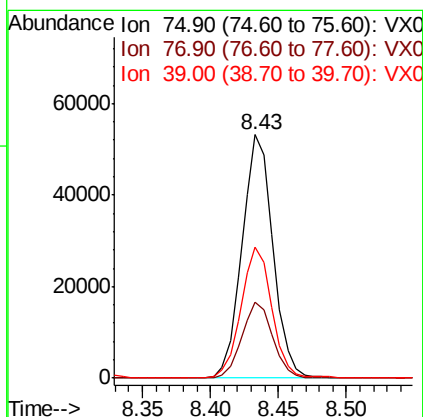
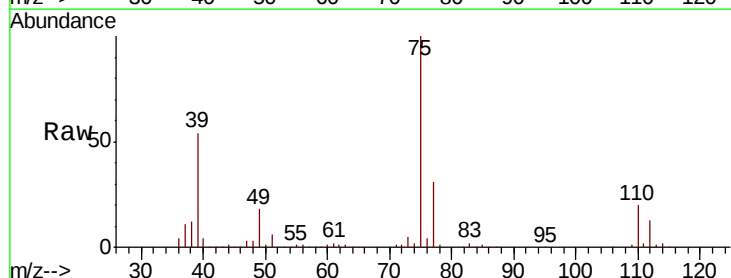
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

Tot Ion: 75 Resp: 74945
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.466 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 75 Resp: 84480
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 53.6 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 20.377 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

Tot Ion: 97 Resp: 51475

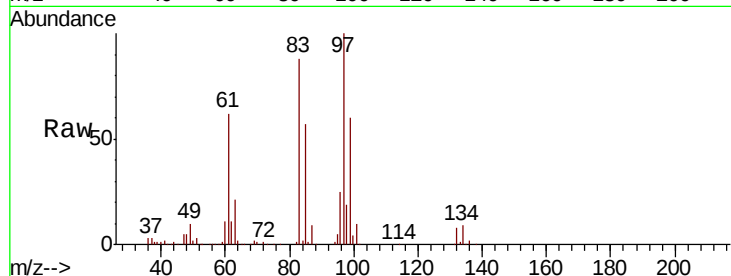
Ion Ratio Lower Upper

97 100

83 88.0 72.6 108.8

85 56.8 46.9 70.3

99 60.3 51.0 76.6

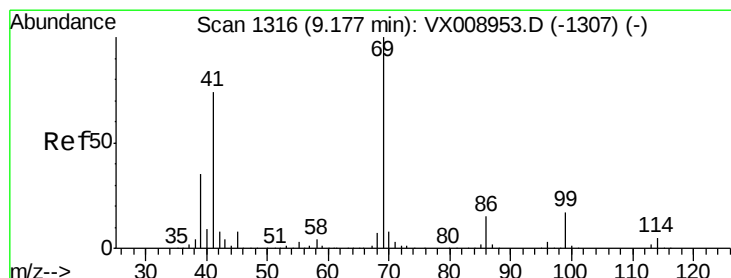
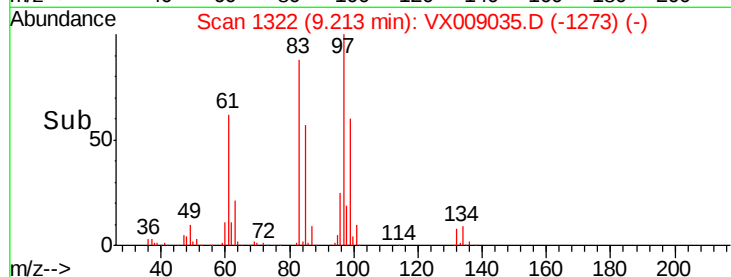
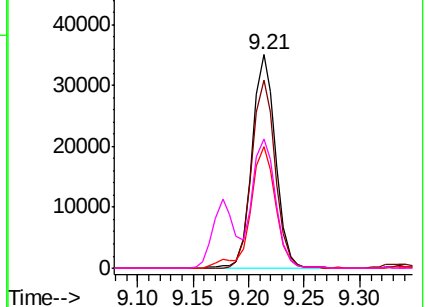


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.287 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

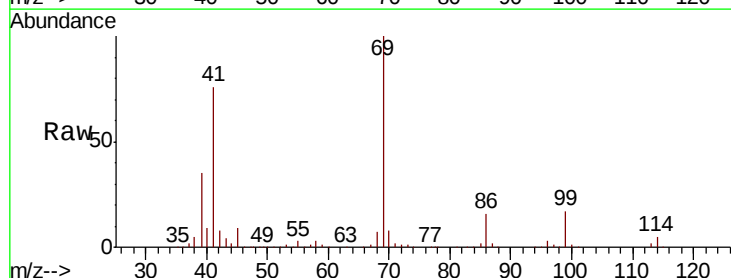
Tgt Ion: 69 Resp: 91888

Ion Ratio Lower Upper

69 100

41 75.6 60.2 90.2

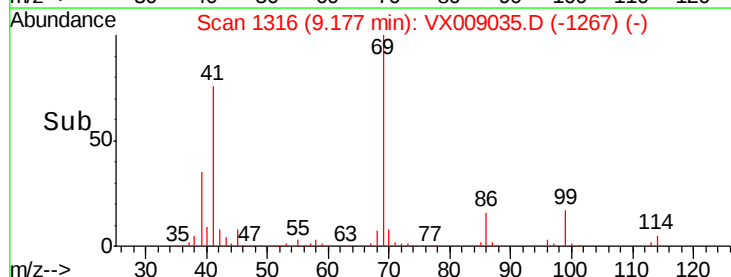
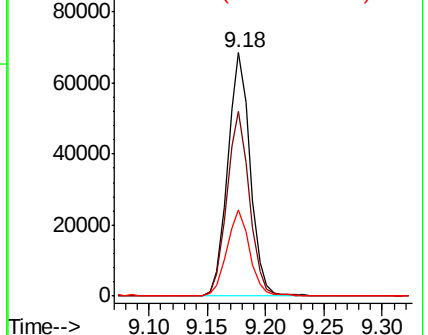
39 35.2 27.9 41.9

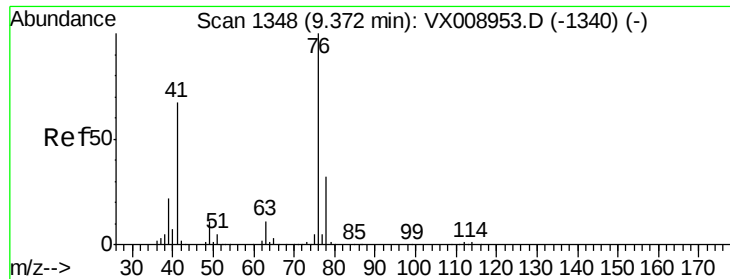


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.231 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

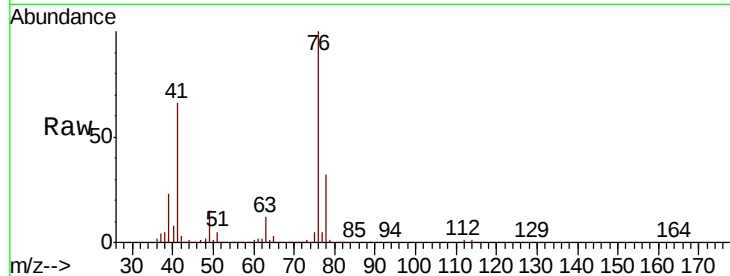
VX0418WBS01

Tot Ion: 76 Resp: 90992

Ion Ratio Lower Upper

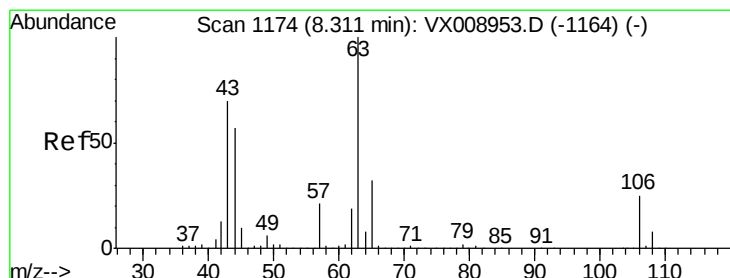
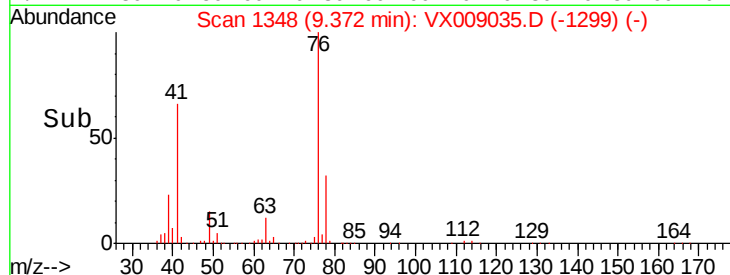
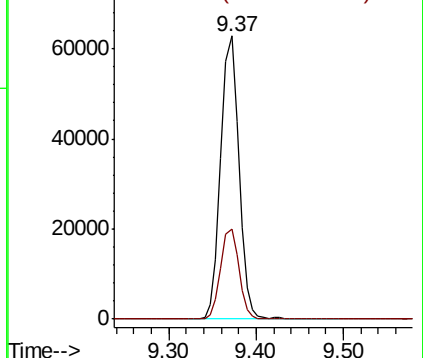
76 100

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: 100.706 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009035.D

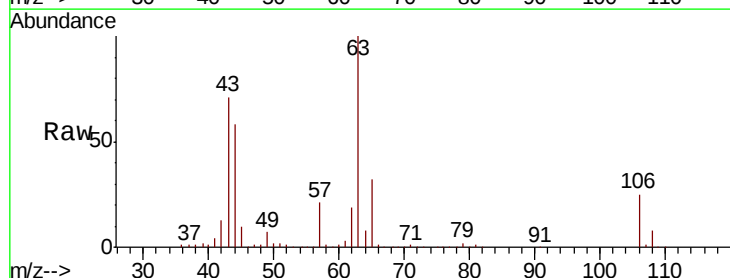
Acq: 18 Apr 2019 11:50

Tgt Ion: 63 Resp: 245636

Ion Ratio Lower Upper

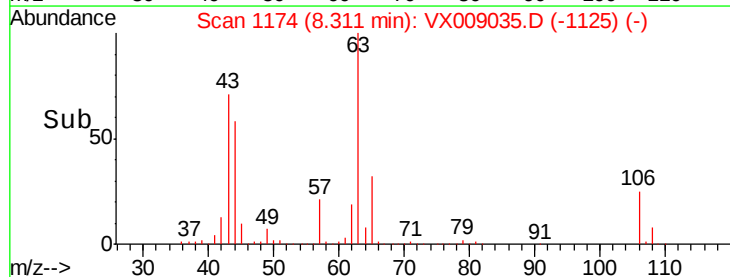
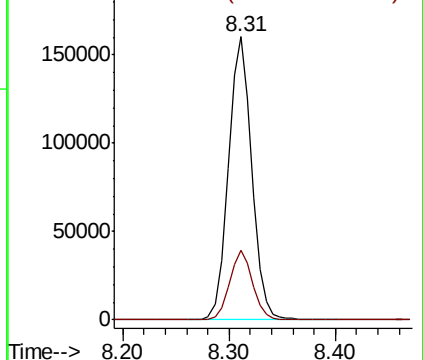
63 100

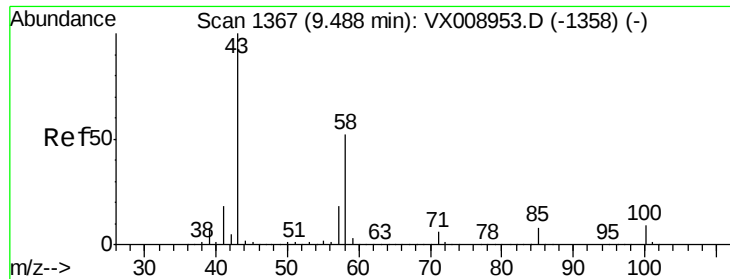
106 24.2 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

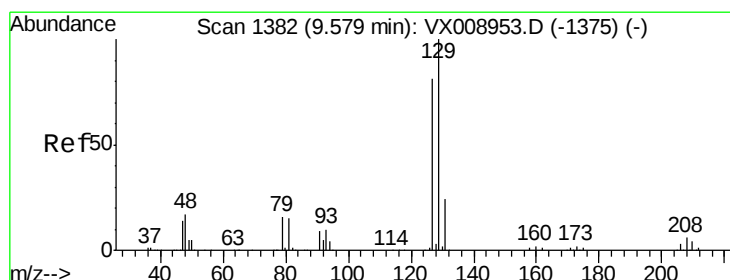
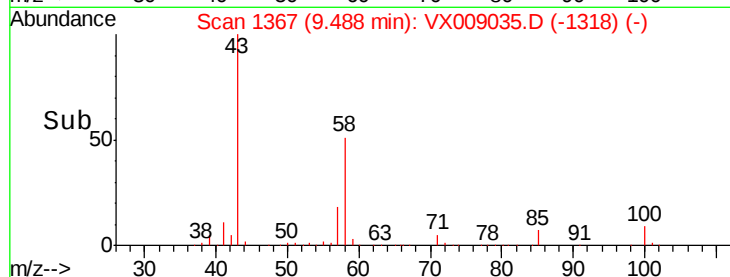
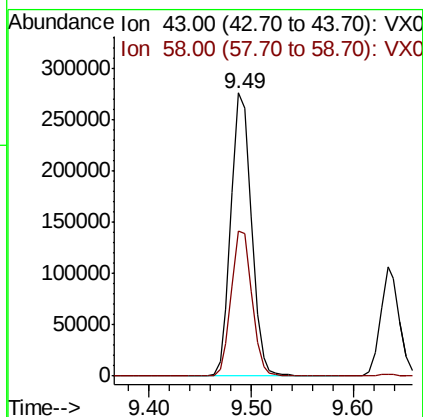
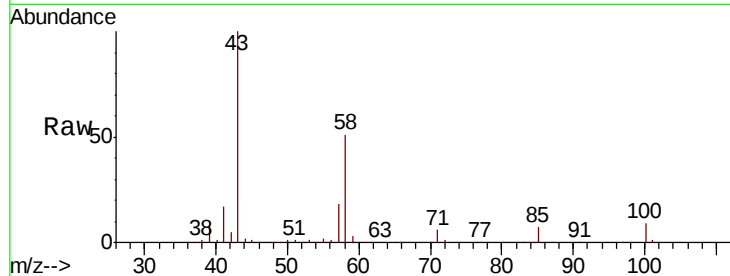




#59
2-Hexanone
Concen: 104.464 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

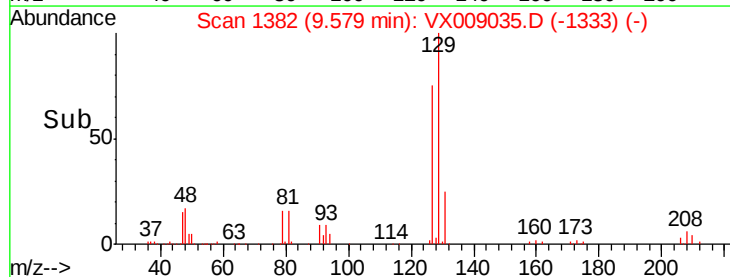
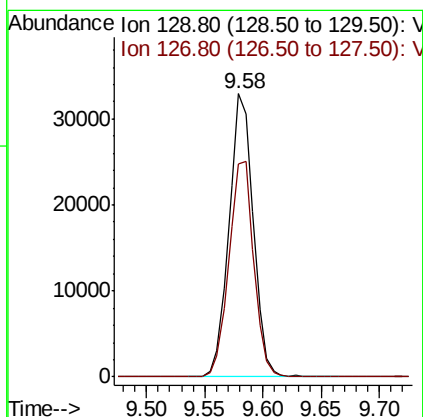
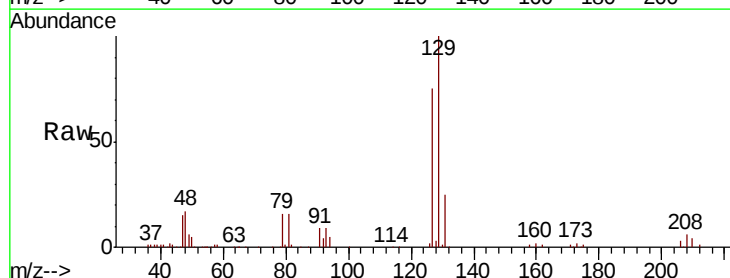
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

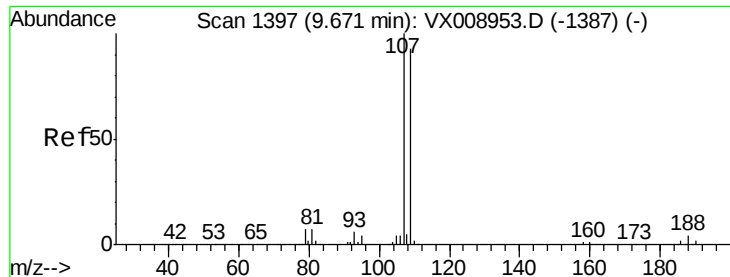
Tot Ion: 43 Resp: 383564
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 19.672 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 129 Resp: 47626
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.742 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

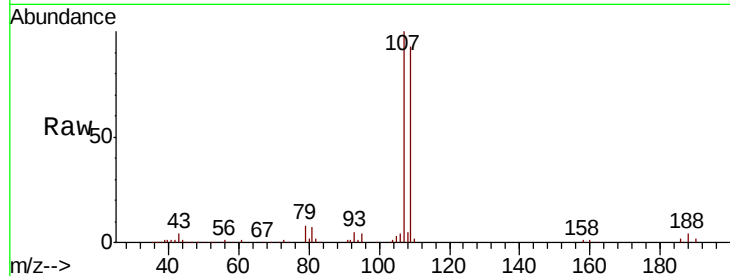
VX0418WBS01

Tot Ion:107 Resp: 51470

Ion Ratio Lower Upper

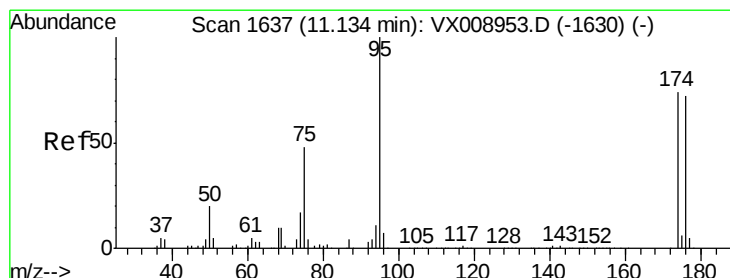
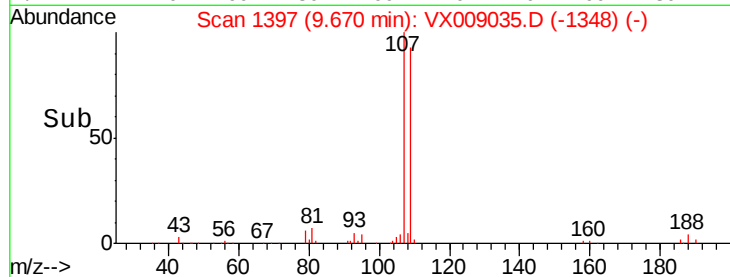
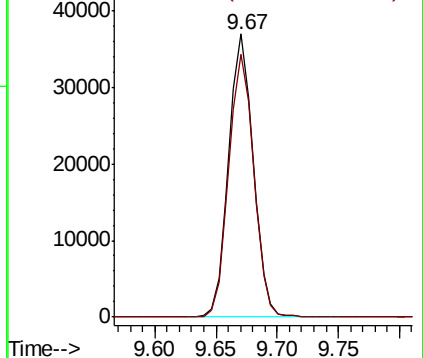
107 100

109 94.3 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: 48.065 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

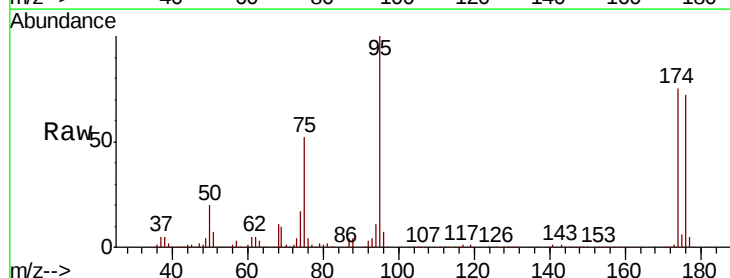
Tgt Ion: 95 Resp: 151372

Ion Ratio Lower Upper

95 100

174 78.4 0.0 159.6

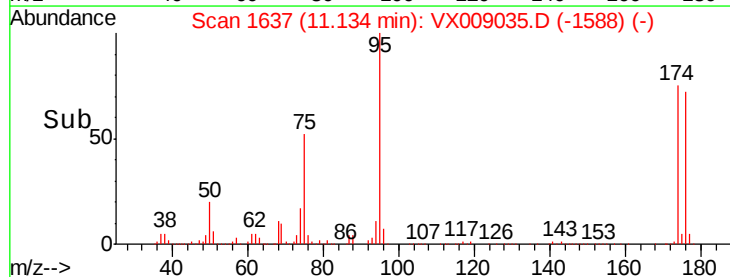
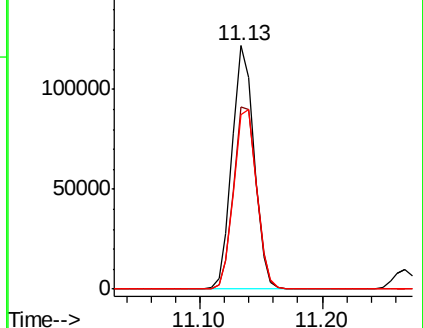
176 76.7 0.0 154.8

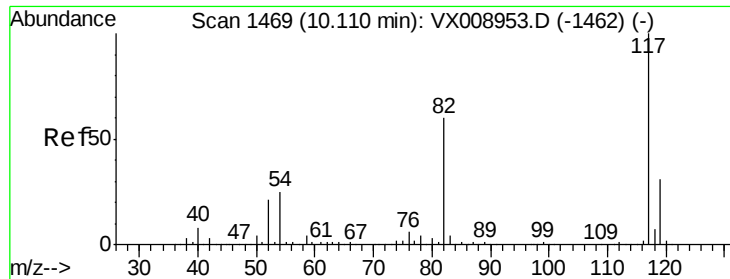


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

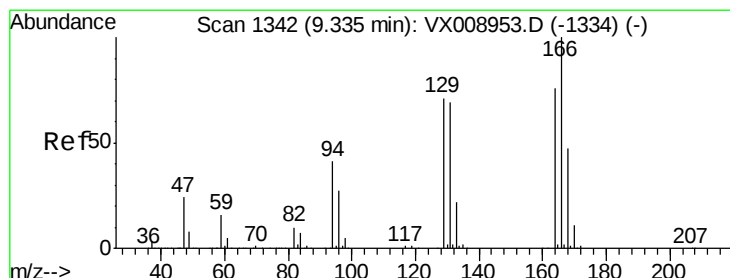
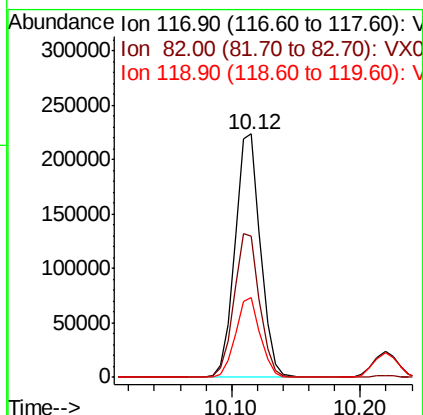
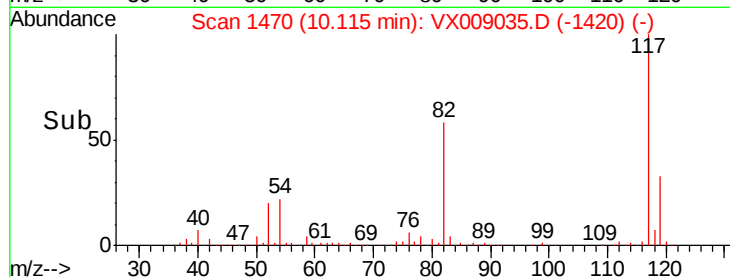
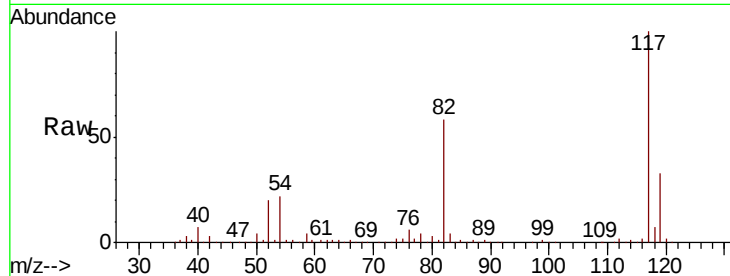




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

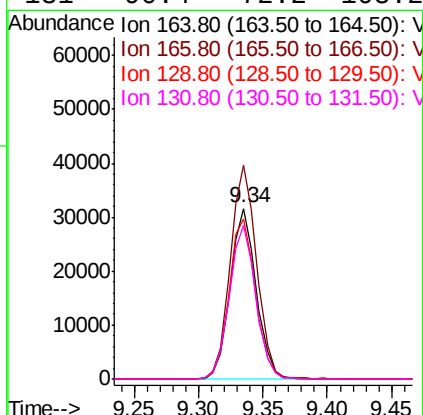
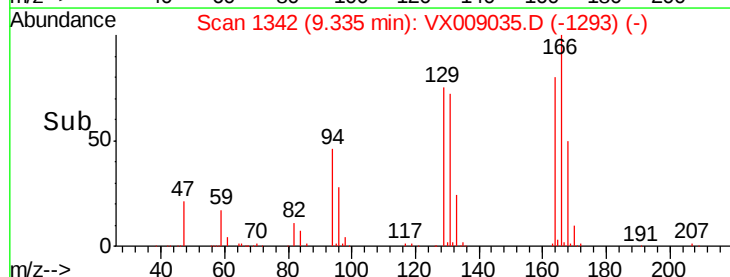
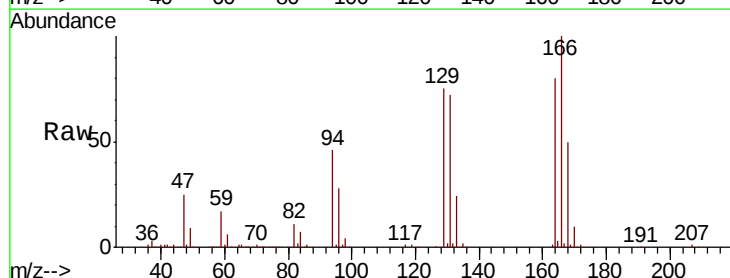
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

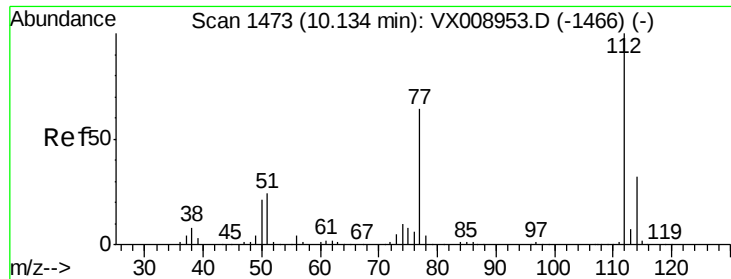
Tot Ion:117 Resp: 306029
Ion Ratio Lower Upper
117 100
82 58.0 48.2 72.4
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 19.166 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion:164 Resp: 44559
Ion Ratio Lower Upper
164 100
166 125.3 105.0 157.4
129 93.9 74.2 111.4
131 90.4 72.2 108.2





#65

Chlorobenzene

Concen: 19.537 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

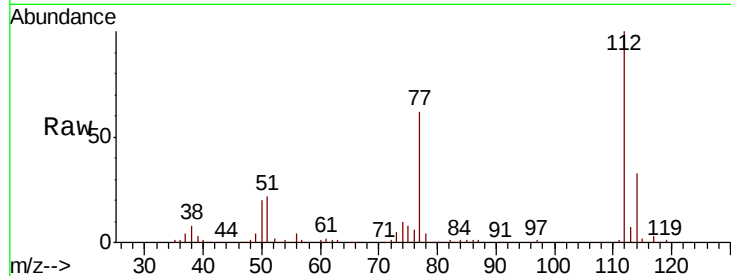
VX0418WBS01

Tot Ion:112 Resp: 126198

Ion Ratio Lower Upper

112 100

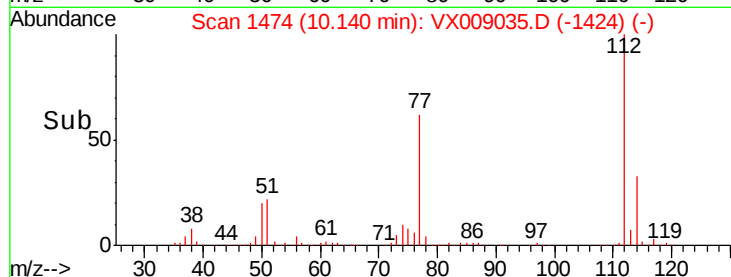
114 32.5 25.4 38.0



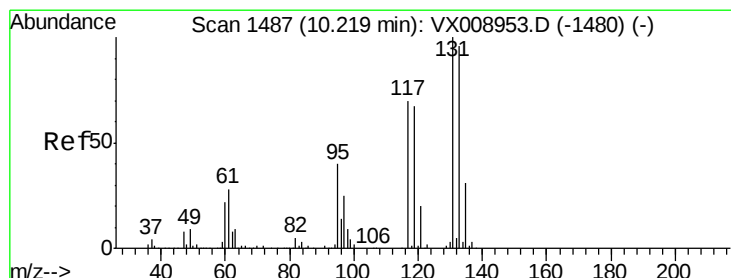
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.132 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

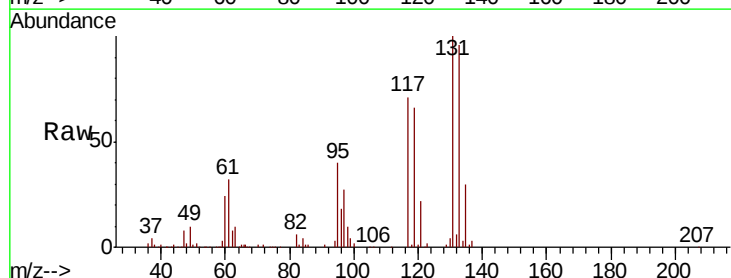
Tgt Ion:131 Resp: 45811

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 66.3 33.7 101.1

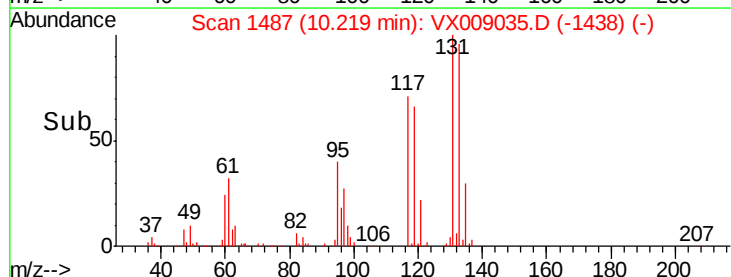


Abundance Ion 130.80 (130.50 to 131.50): V

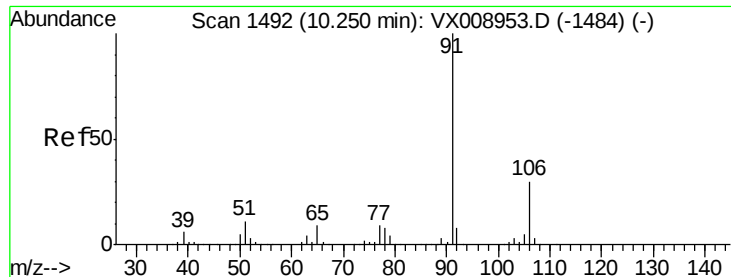
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22



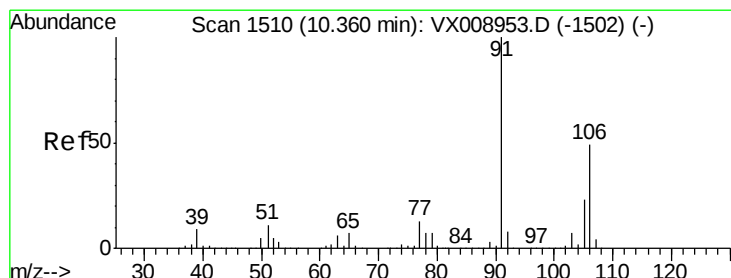
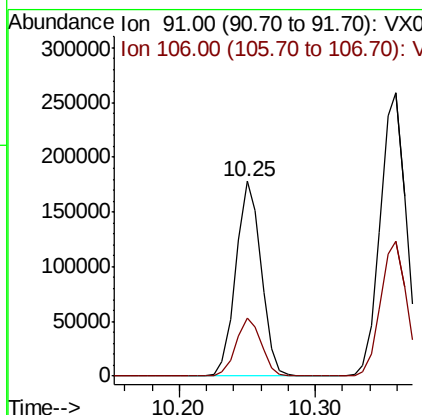
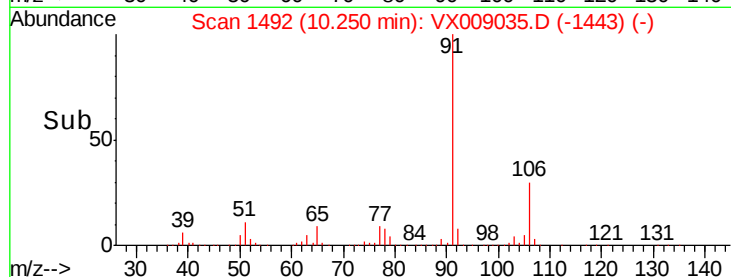
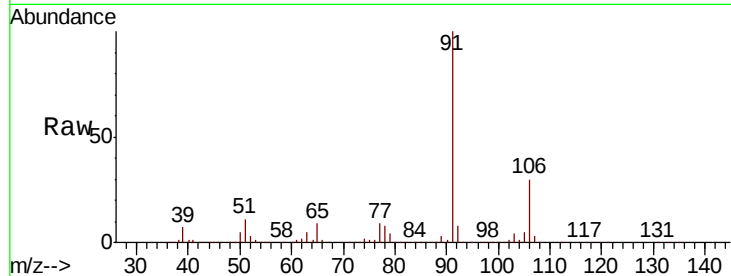
Time-->



#67
Ethyl Benzene
Concen: 19.548 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

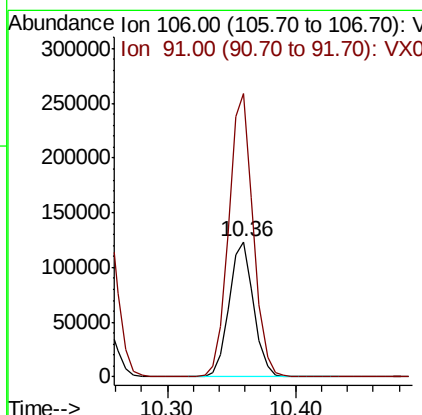
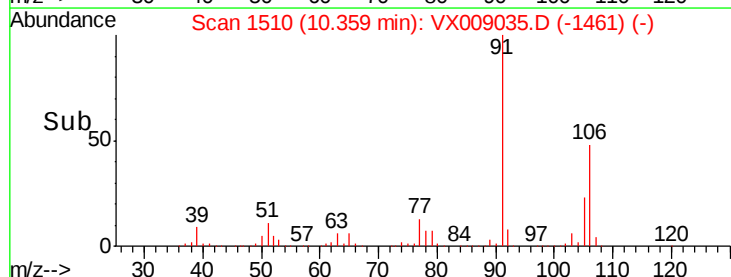
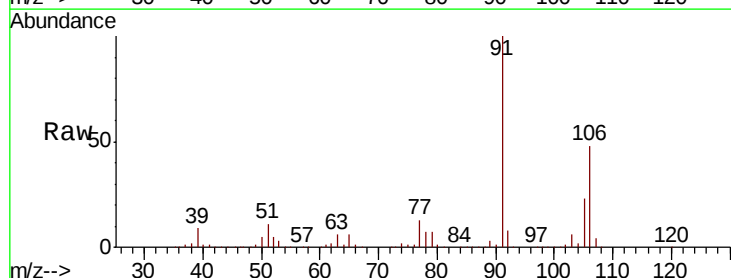
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

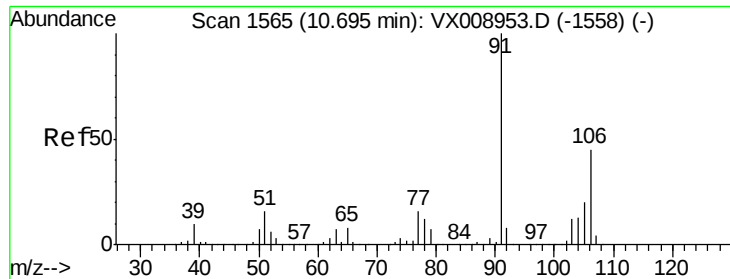
Tot Ion: 91 Resp: 230824
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 38.429 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 106 Resp: 164915
Ion Ratio Lower Upper
106 100
91 208.6 165.4 248.2

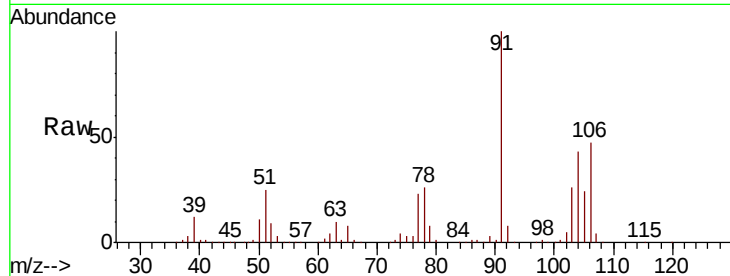




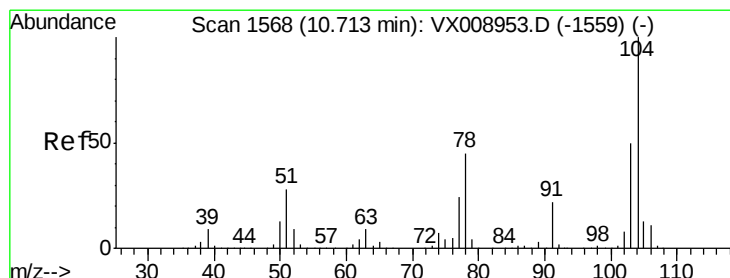
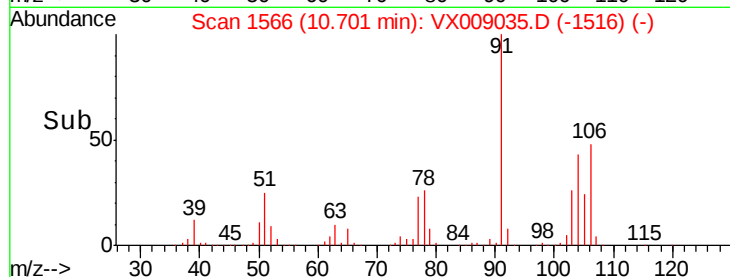
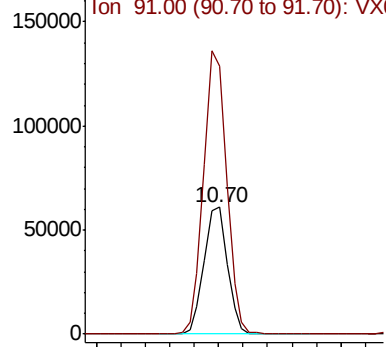
#69
o-Xylene
Concen: 19.352 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0418WBS01

Tot Ion:106 Resp: 80806
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.7

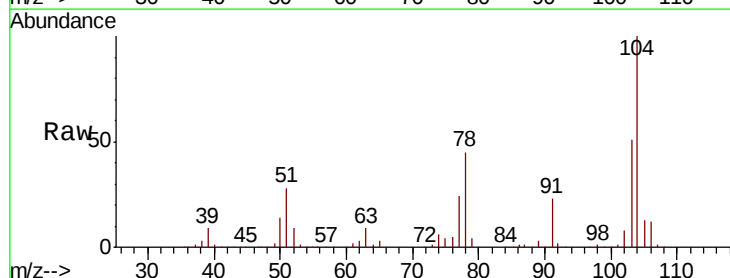


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

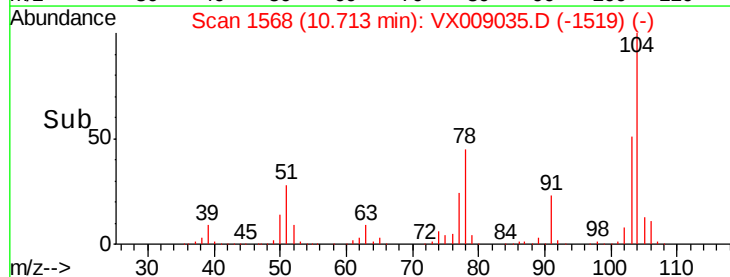
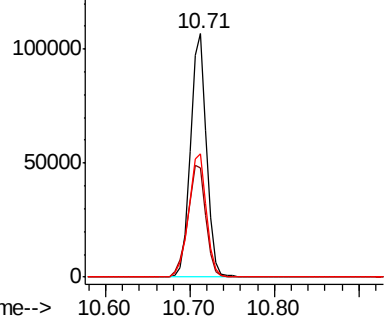


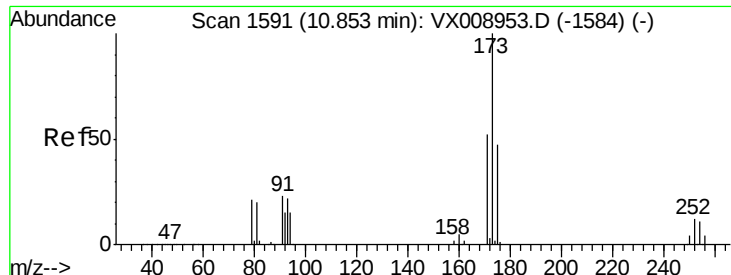
#70
Styrene
Concen: 19.443 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion:104 Resp: 140686
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.6 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





#71

Bromoform

Concen: 19.148 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

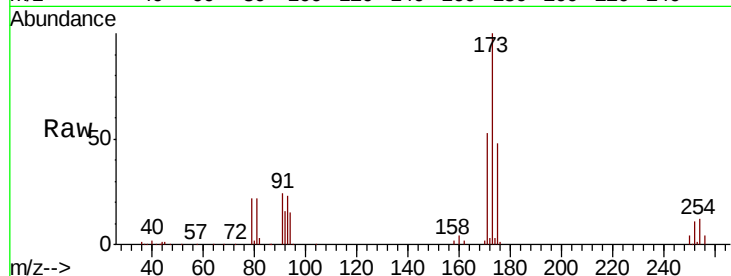
Tot Ion:173 Resp: 34714

Ion Ratio Lower Upper

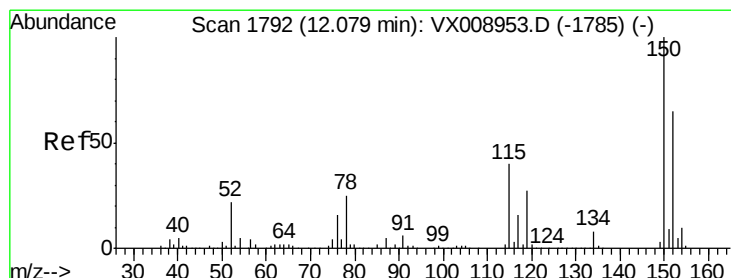
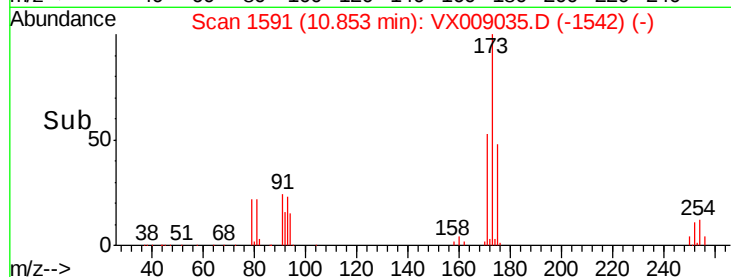
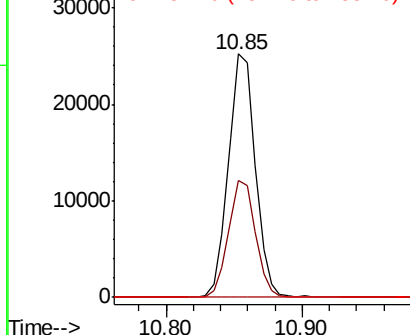
173 100

175 48.1 23.9 71.8

254 0.1 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: VX009035.D

Acq: 18 Apr 2019 11:50

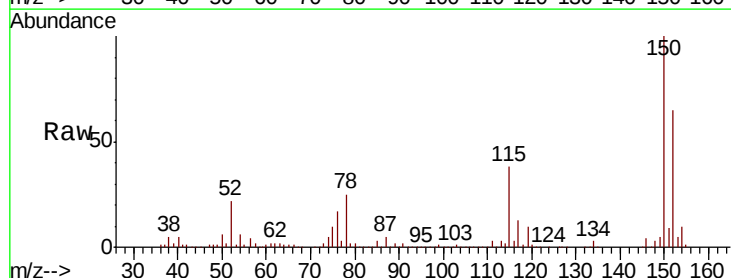
Tgt Ion:152 Resp: 138686

Ion Ratio Lower Upper

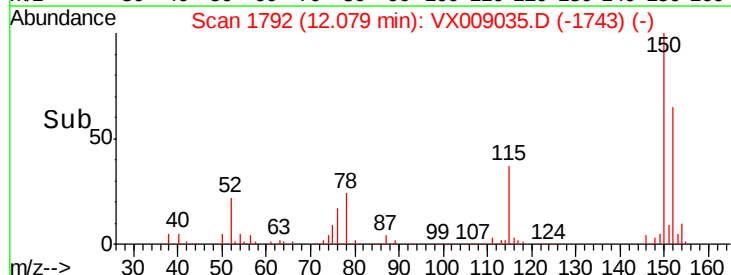
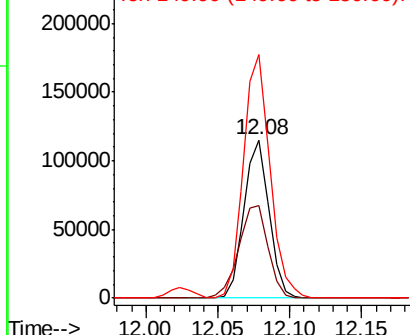
152 100

115 69.3 41.4 124.2

150 163.2 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: 20.643 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

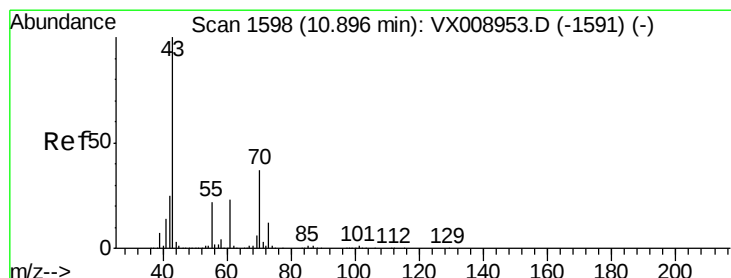
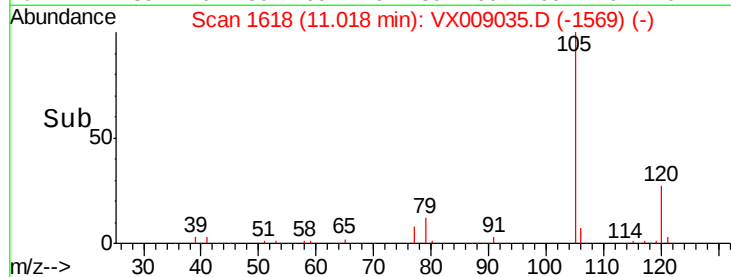
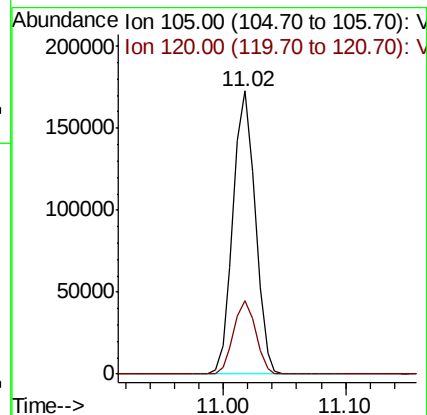
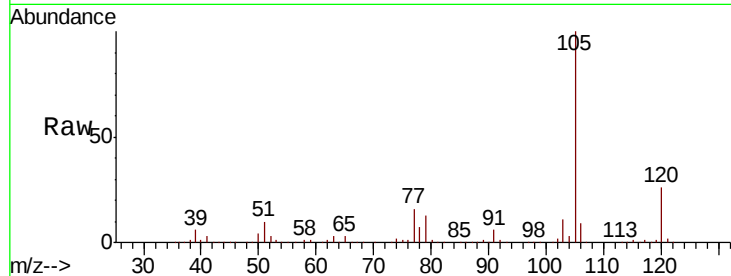
VX0418WBS01

Tot Ion:105 Resp: 217001

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 20.955 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Tgt Ion: 43 Resp: 126483

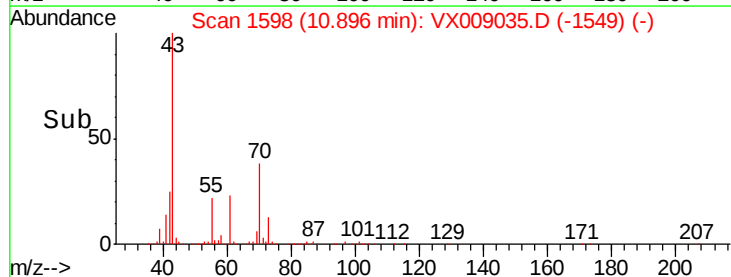
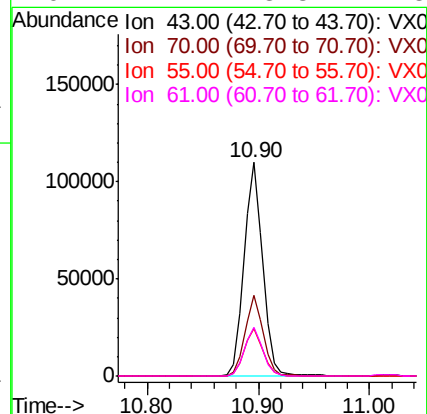
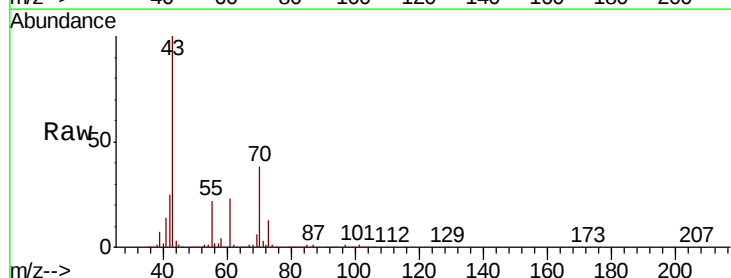
Ion Ratio Lower Upper

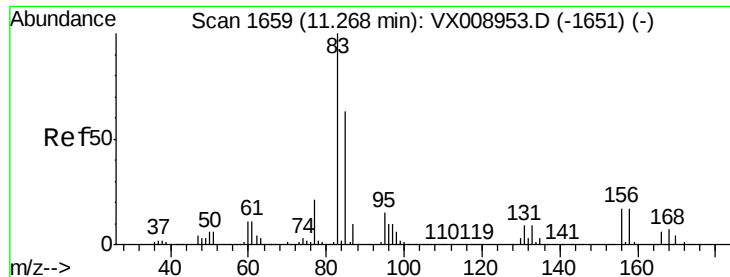
43 100

70 37.1 29.9 44.9

55 22.6 17.8 26.8

61 22.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.004 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

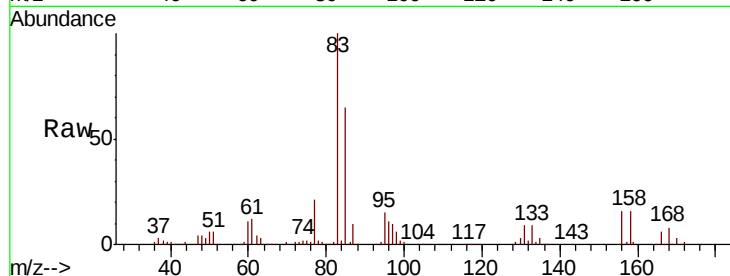
Tot Ion: 83 Resp: 80674

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

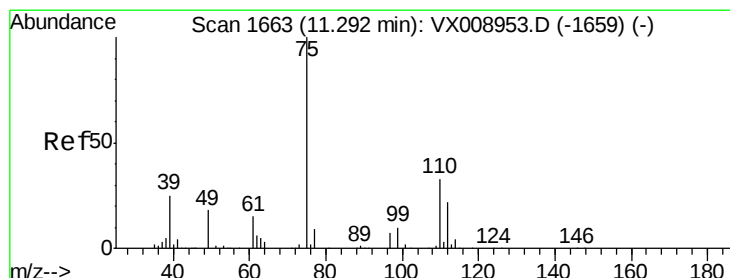
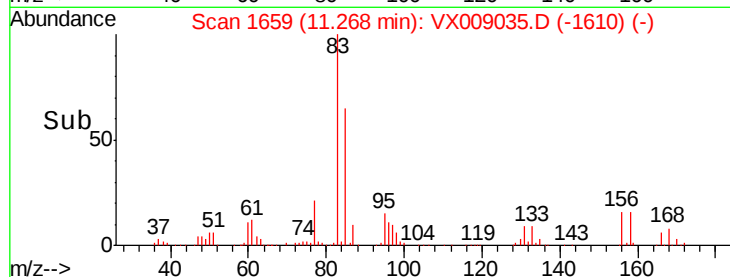
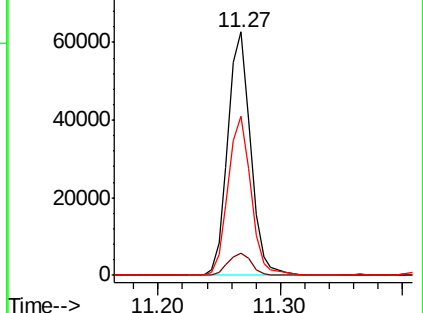
85 65.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.887 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009035.D

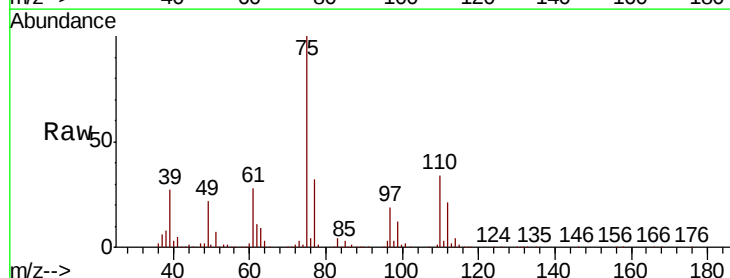
Acq: 18 Apr 2019 11:50

Tgt Ion: 75 Resp: 94439

Ion Ratio Lower Upper

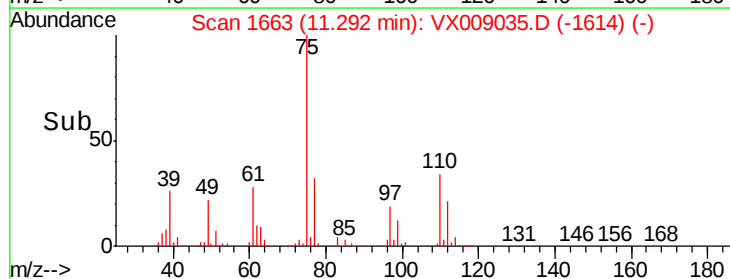
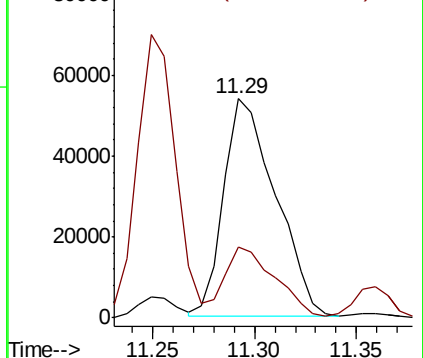
75 100

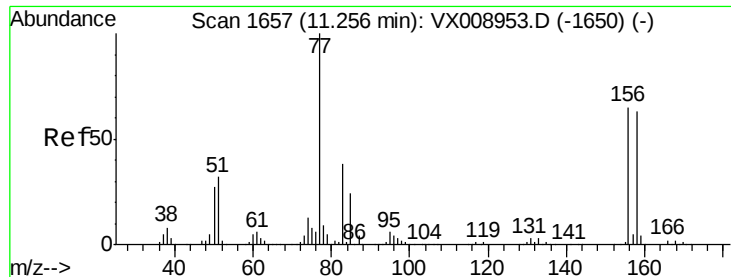
77 32.4 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.865 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

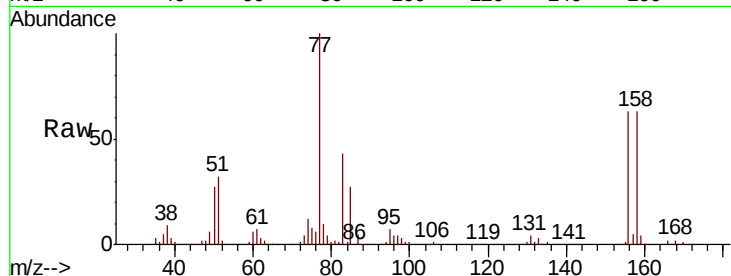
Tot Ion:156 Resp: 52689

Ion Ratio Lower Upper

156 100

77 172.8 85.4 256.1

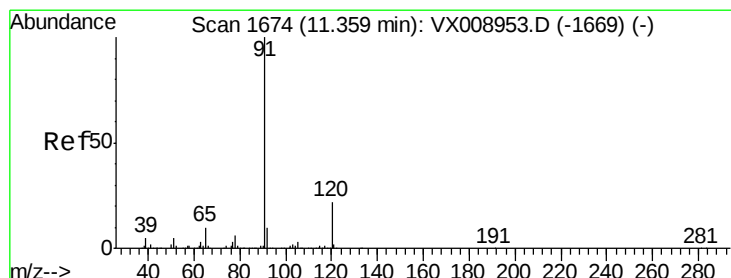
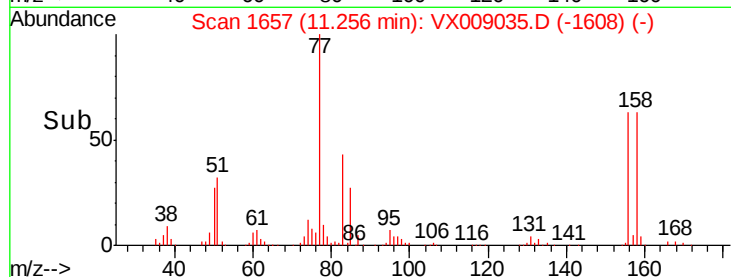
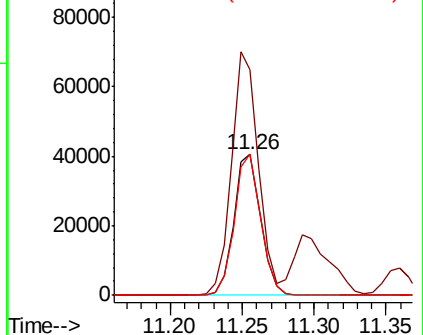
158 98.3 48.8 146.4



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: 20.371 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009035.D

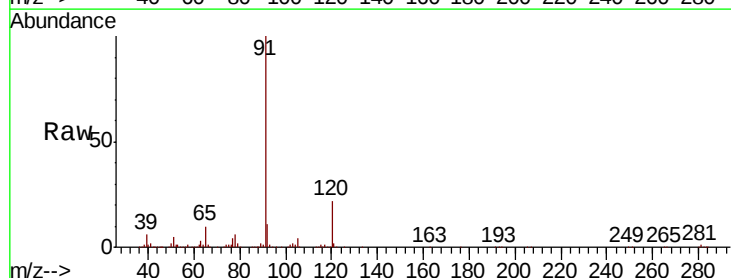
Acq: 18 Apr 2019 11:50

Tgt Ion: 91 Resp: 245784

Ion Ratio Lower Upper

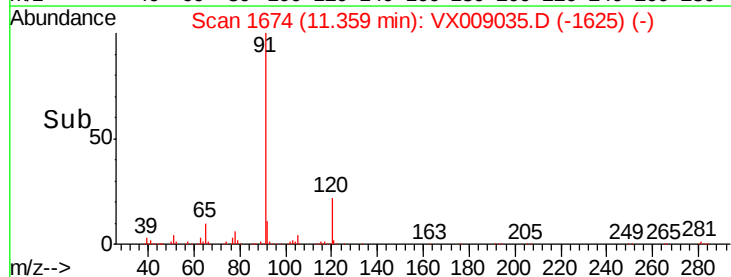
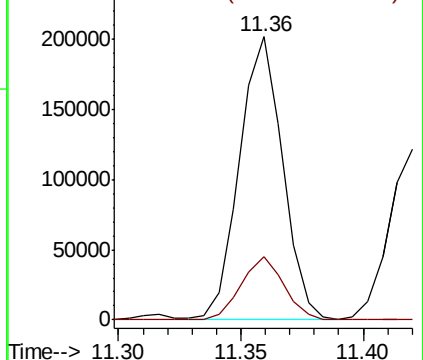
91 100

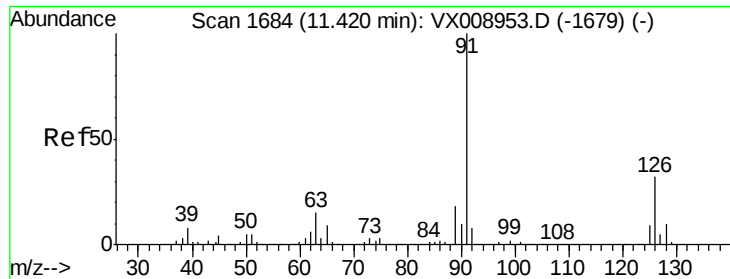
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

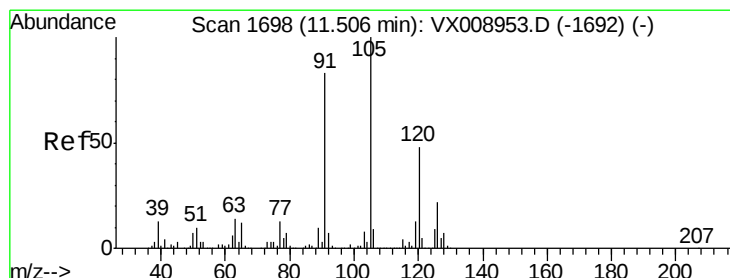
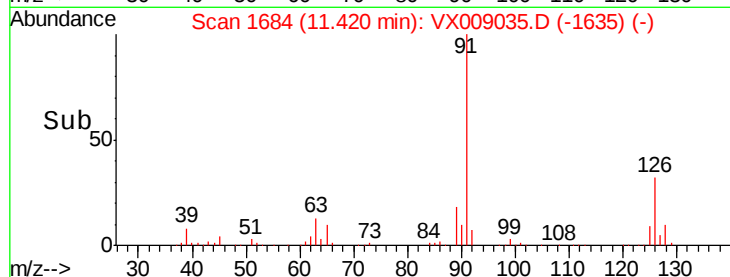
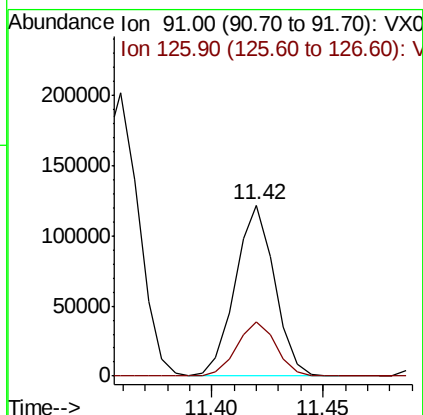
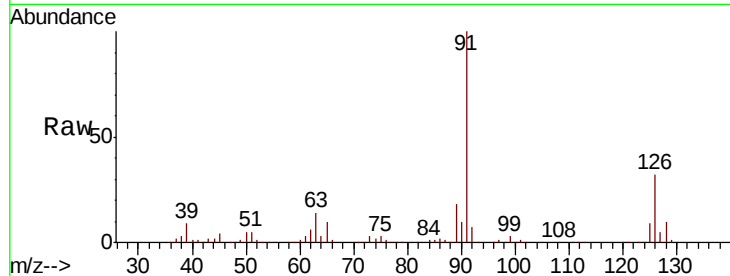




#79
2-Chlorotoluene
Concen: 20.520 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

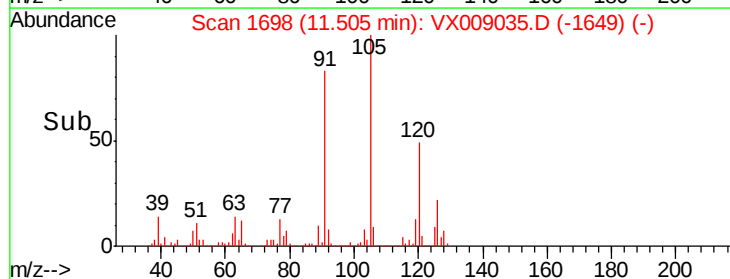
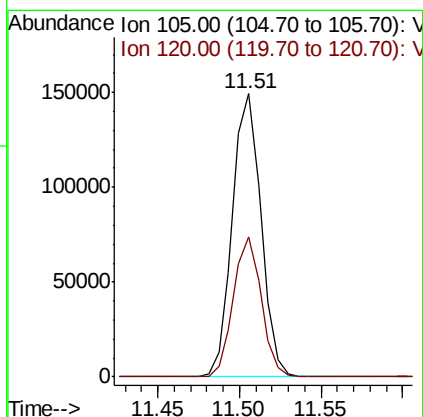
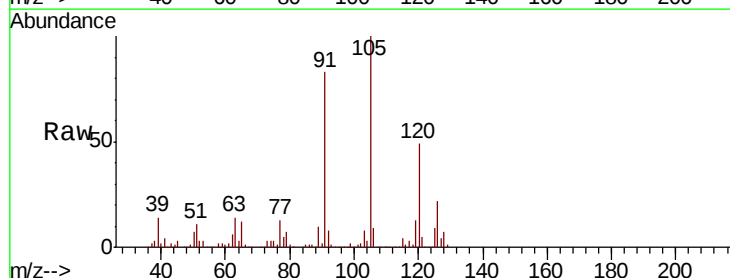
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

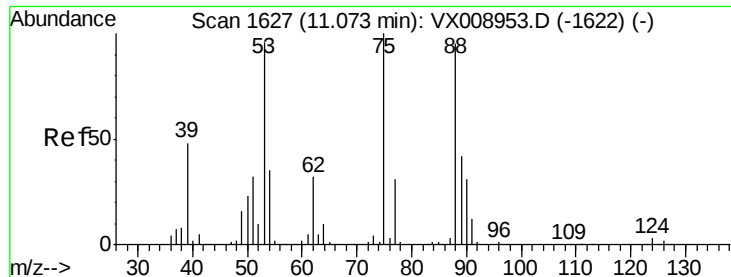
Tot Ion: 91 Resp: 149200
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 20.728 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion:105 Resp: 182848
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.379 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0418WBS01

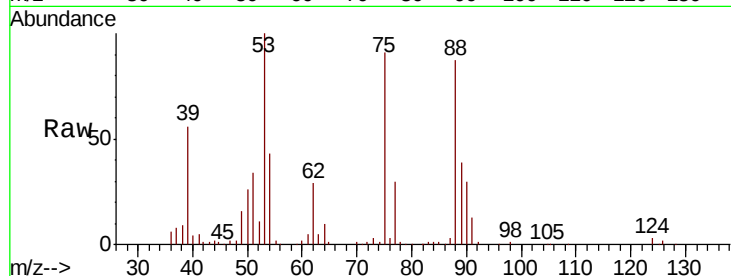
Tot Ion: 75 Resp: 25562

Ion Ratio Lower Upper

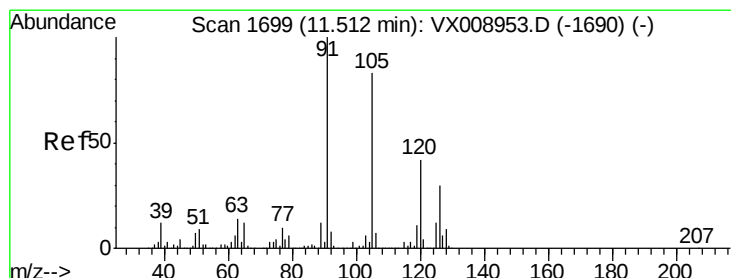
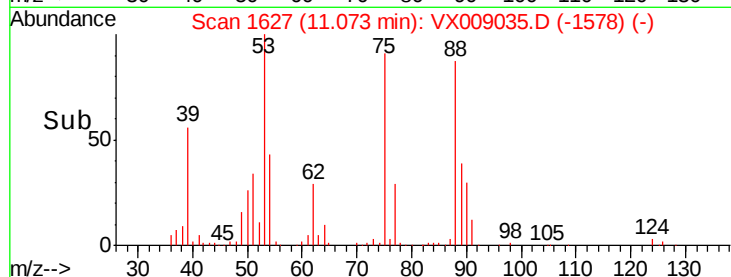
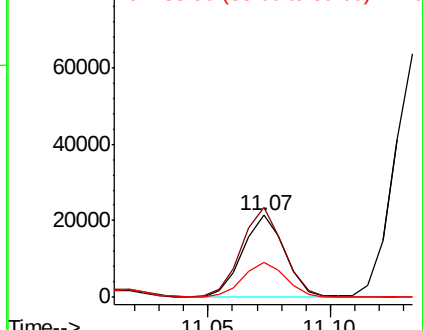
75 100

53 108.5 78.2 117.4

89 44.0 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: 19.950 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009035.D

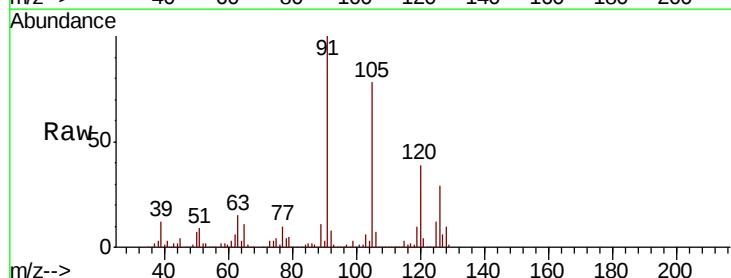
Acq: 18 Apr 2019 11:50

Tgt Ion: 91 Resp: 168458

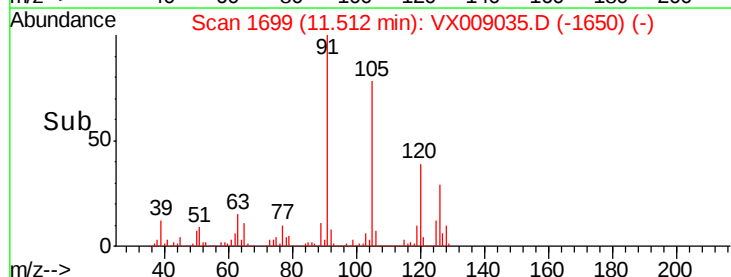
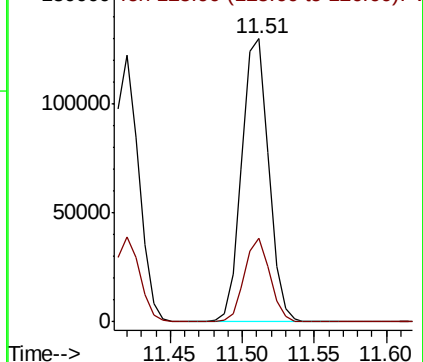
Ion Ratio Lower Upper

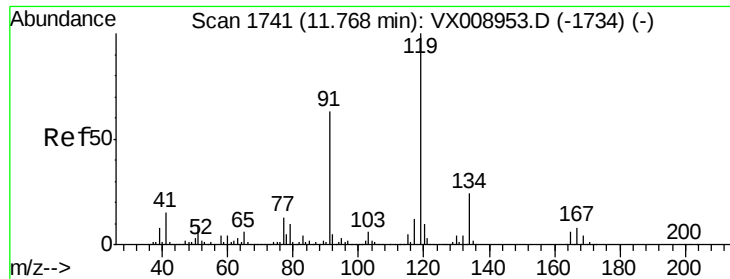
91 100

126 28.4 14.3 42.9



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

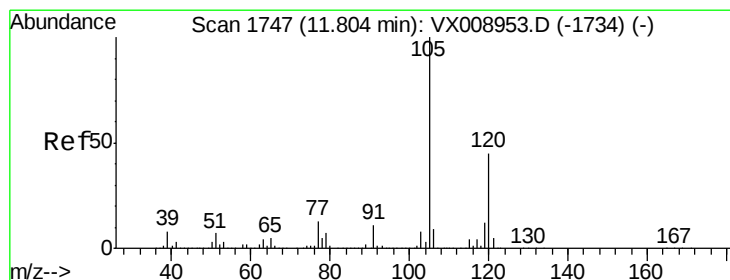
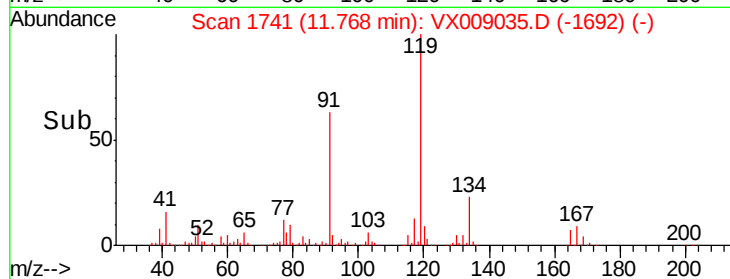
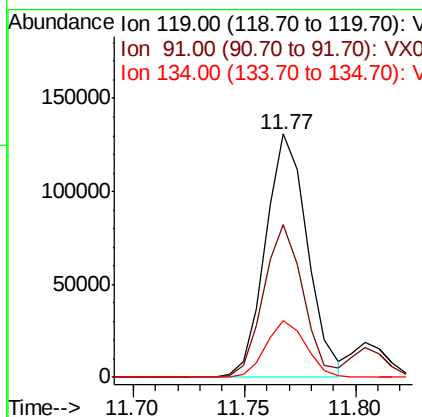
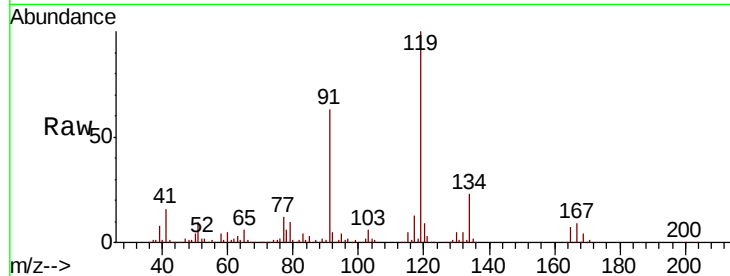




#83
tert-Butylbenzene
Concen: 20.169 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

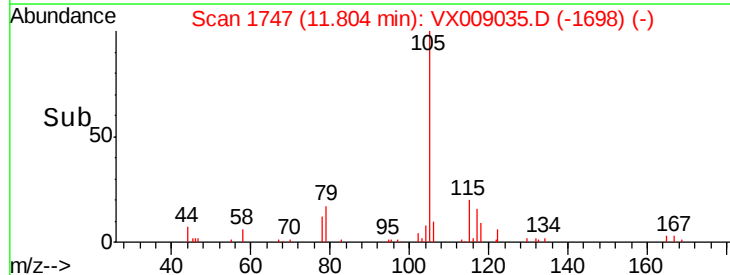
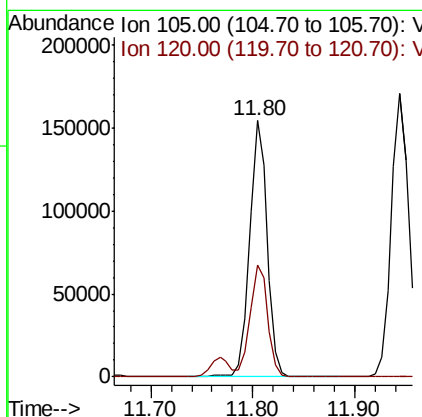
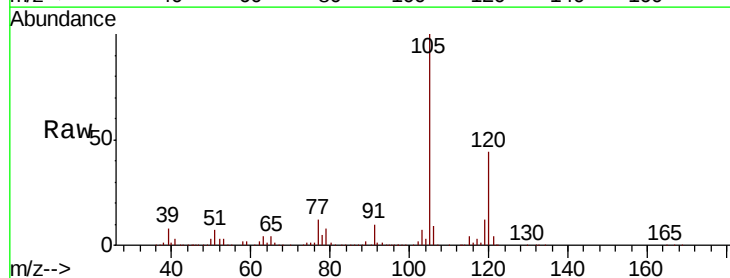
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBS01

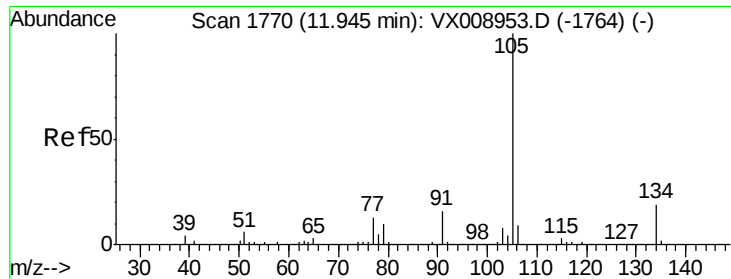
Tot Ion:119 Resp: 170819
Ion Ratio Lower Upper
119 100
91 60.0 29.7 89.1
134 22.4 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 20.589 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion:105 Resp: 184881
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





#85

sec-Butylbenzene

Concen: 20.429 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

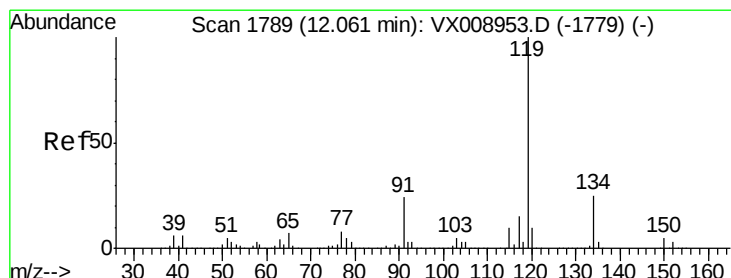
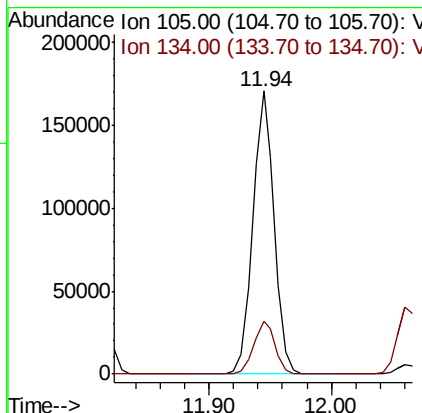
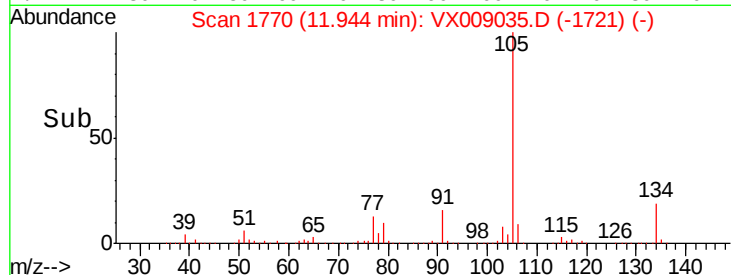
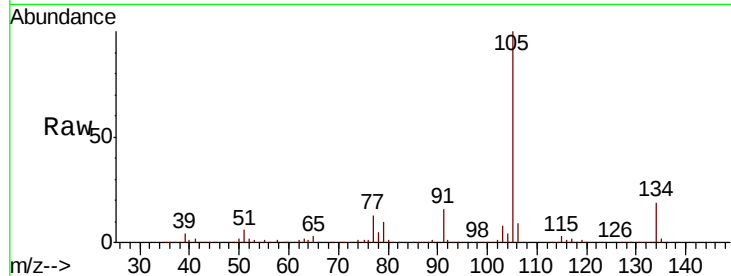
VX0418WBS01

Tot Ion:105 Resp: 206353

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.6



#86

p-Isopropyltoluene

Concen: 20.053 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

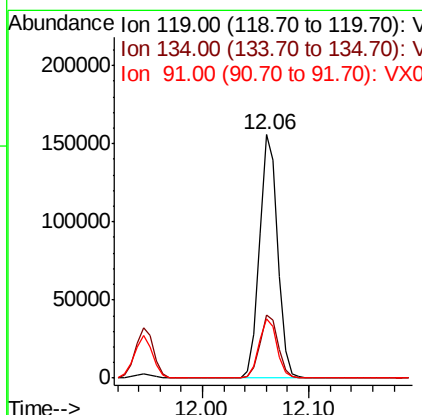
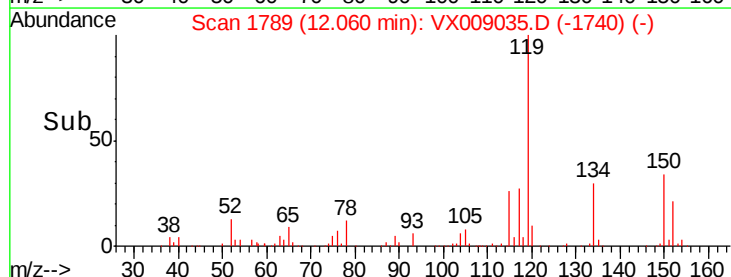
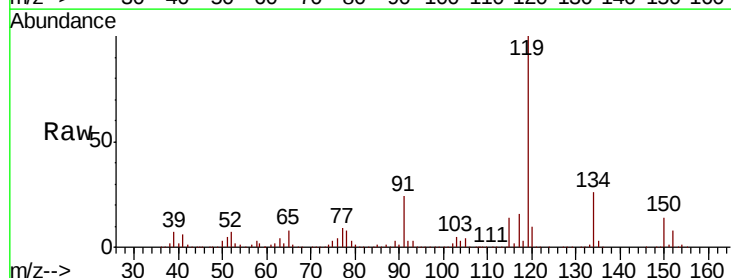
Tgt Ion:119 Resp: 186228

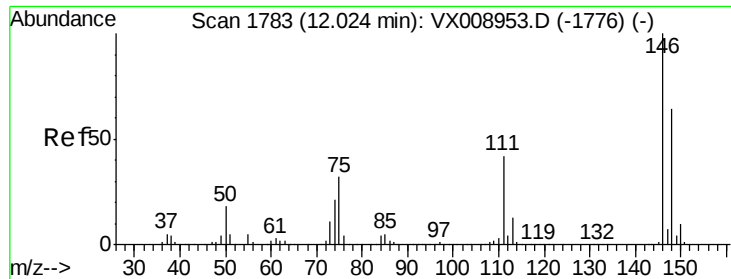
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 24.3 11.9 35.5

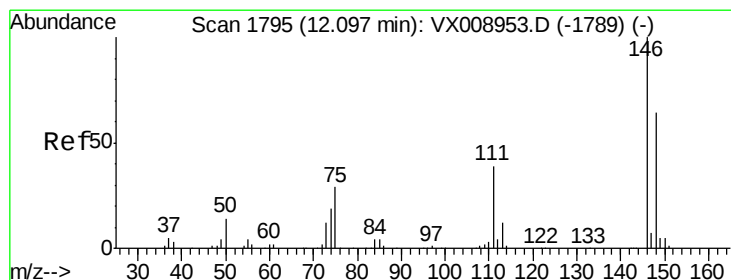
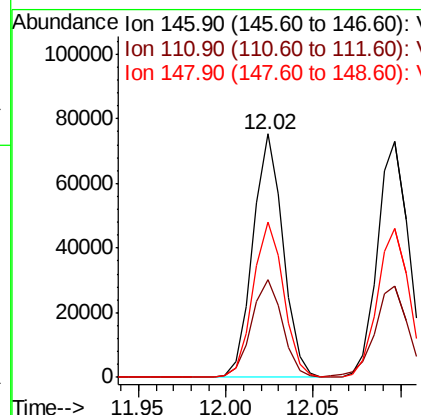
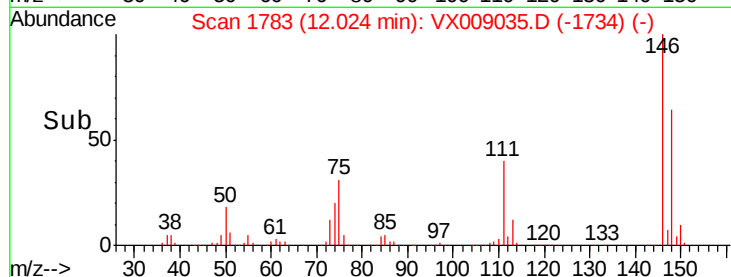
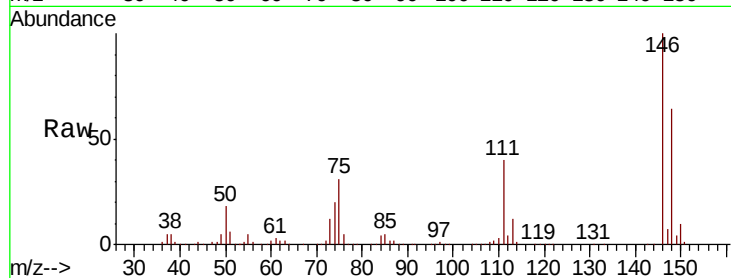




#87
 1,3-Dichlorobenzene
 Concen: 19.365 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

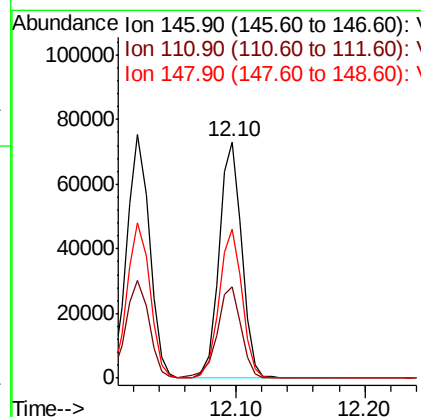
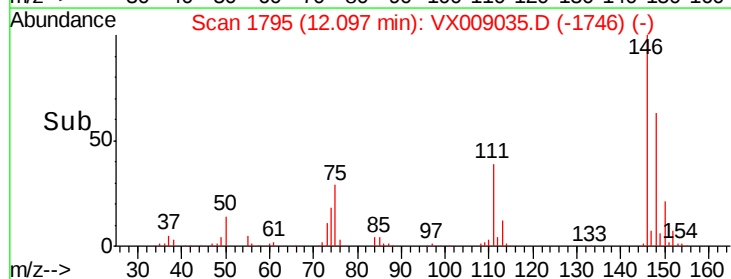
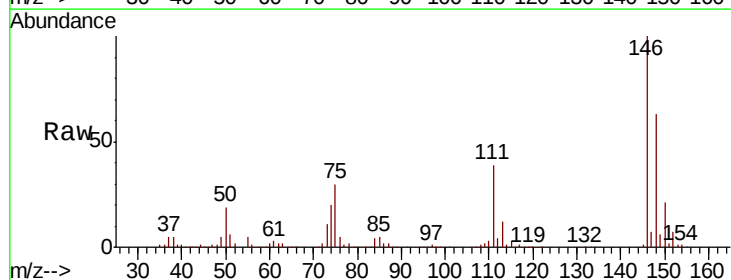
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

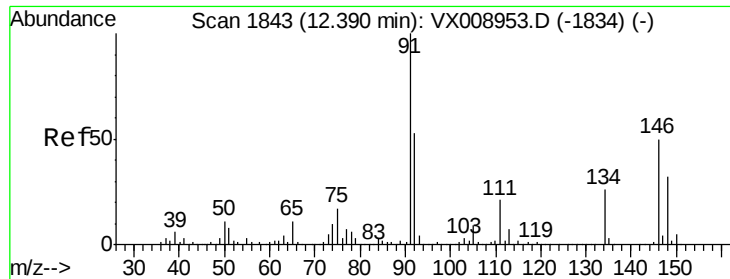
Tot Ion:146 Resp: 89896
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.6
 148 65.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.176 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Tgt Ion:146 Resp: 90238
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 64.1 32.2 96.6

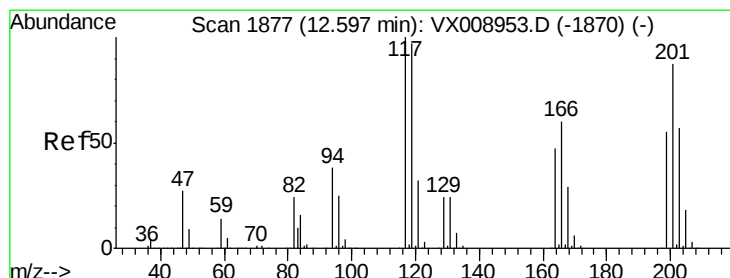
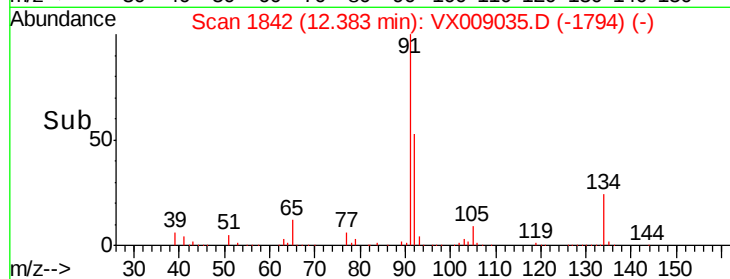
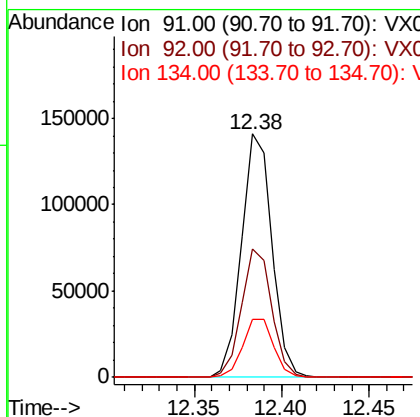
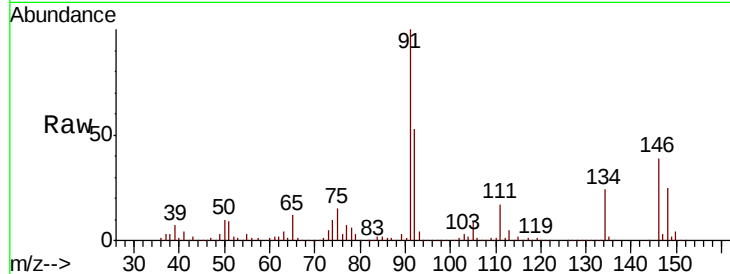




#89
n-Butylbenzene
Concen: 19.708 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

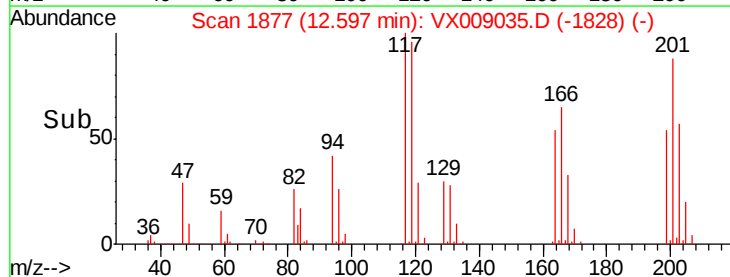
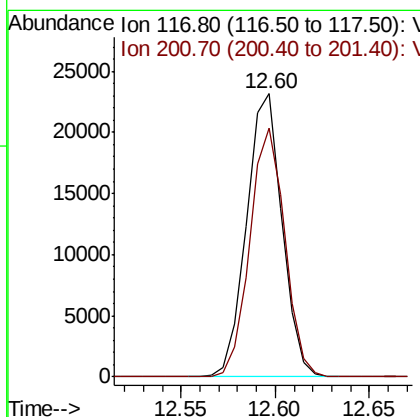
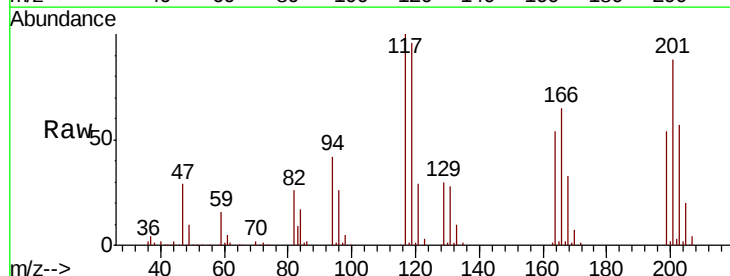
Instrument :
MSVOA_X
ClientSampled :
VX0418WBS01

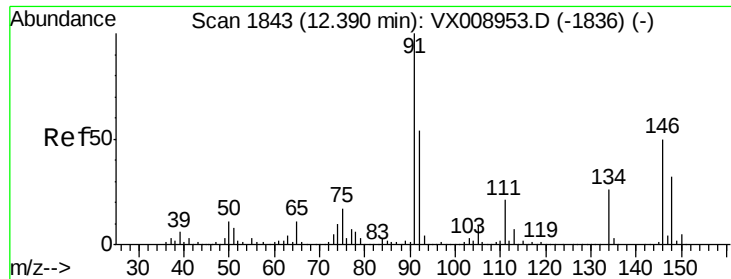
Tot Ion: 91 Resp: 170448
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 24.1 12.4 37.2



#90
Hexachloroethane
Concen: 19.774 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009035.D
Acq: 18 Apr 2019 11:50

Tgt Ion: 117 Resp: 30292
Ion Ratio Lower Upper
117 100
201 86.2 43.0 129.0

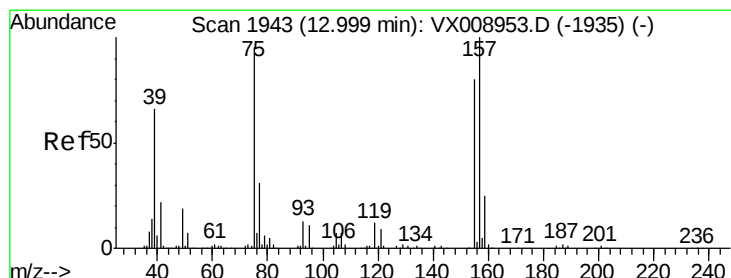
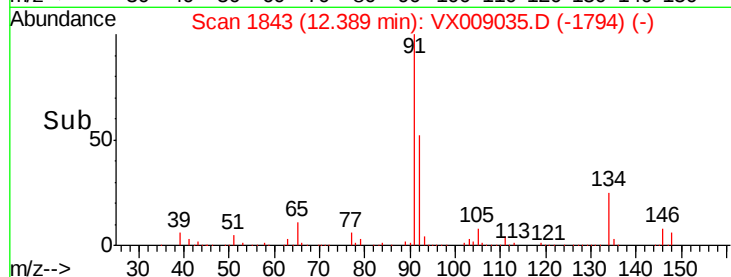
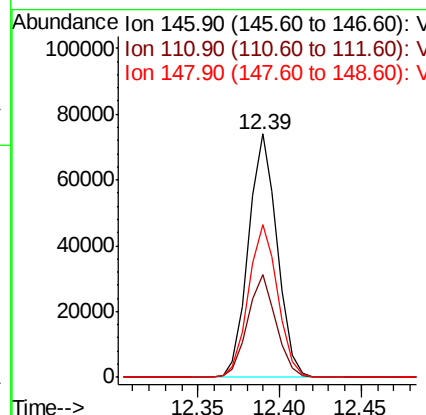
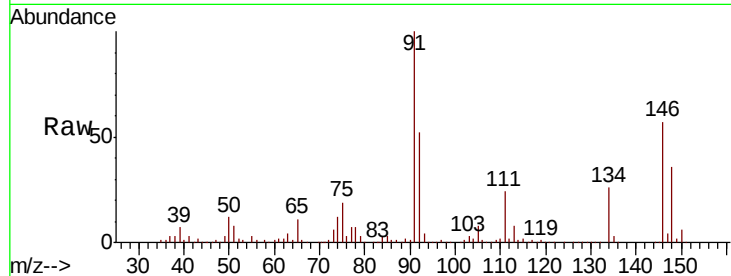




#91
 1,2-Dichlorobenzene
 Concen: 19.782 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

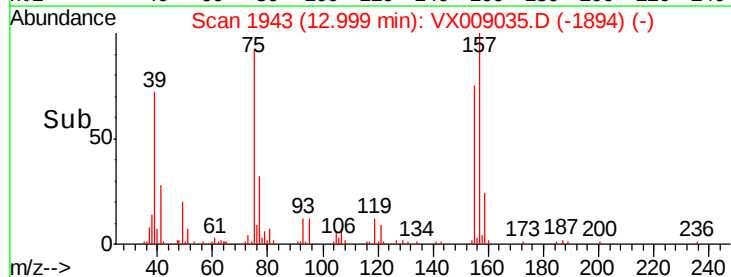
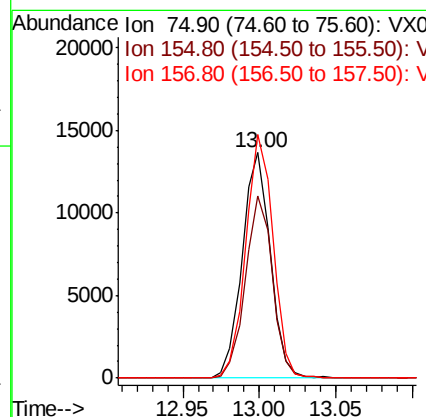
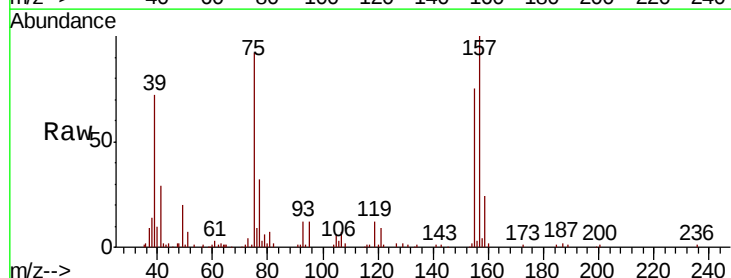
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

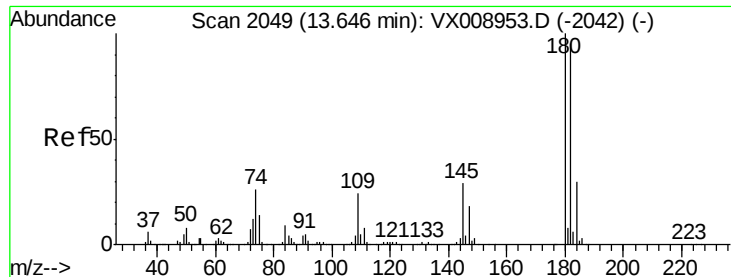
Tot Ion:146 Resp: 90678
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.871 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Tgt Ion: 75 Resp: 17378
 Ion Ratio Lower Upper
 75 100
 155 77.8 41.2 123.6
 157 105.0 52.5 157.6

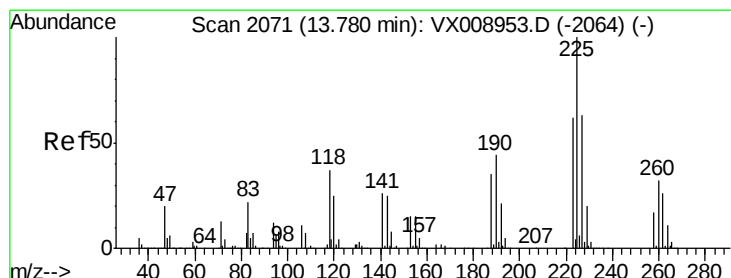
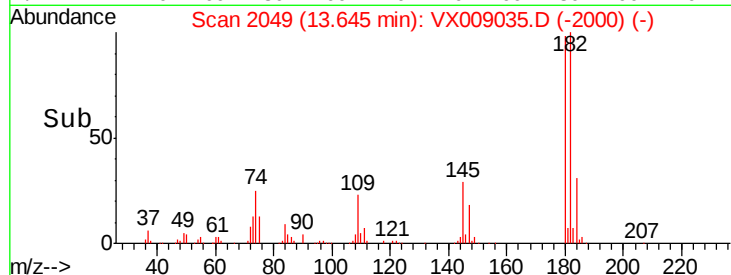
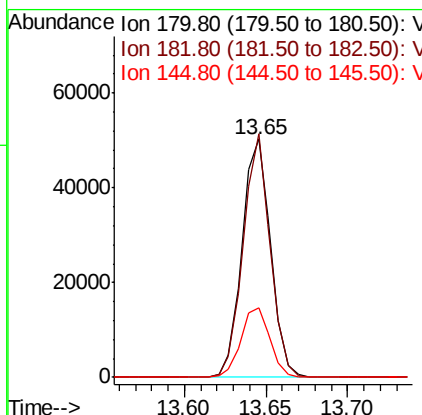
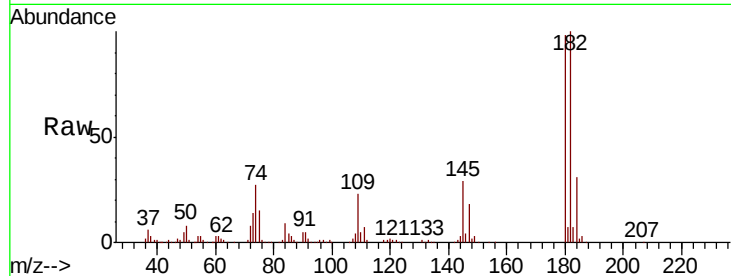




#93
 1,2,4-Trichlorobenzene
 Concen: 18.530 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

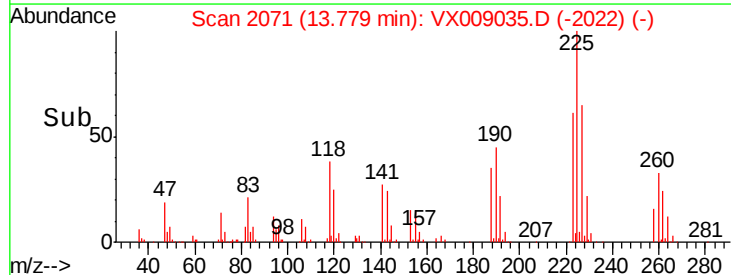
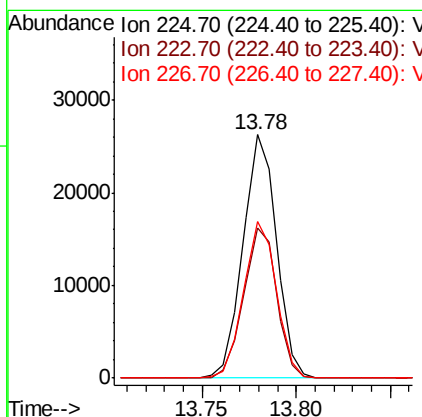
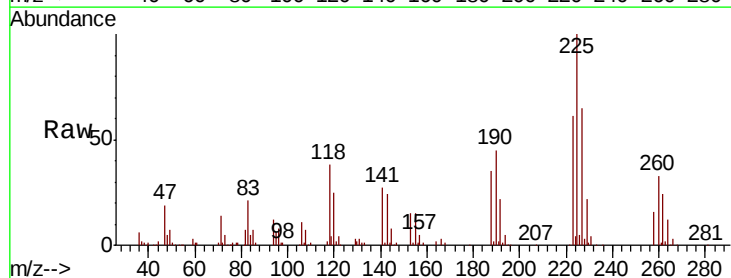
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

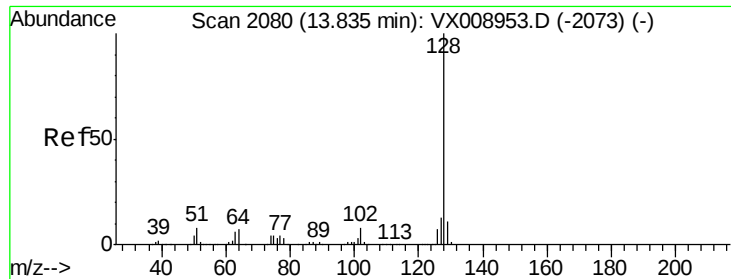
Tot Ion:180 Resp: 61316
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.6 142.9
 145 29.8 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 19.619 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009035.D
 Acq: 18 Apr 2019 11:50

Tgt Ion:225 Resp: 32378
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.1 93.2
 227 63.1 32.0 96.2





#95

Naphthalene

Concen: 19.434 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBS01

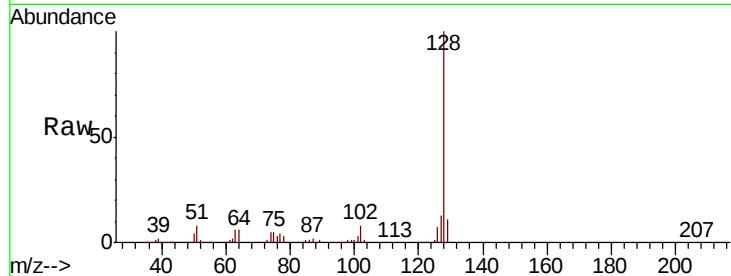
Tot Ion:128 Resp: 206030

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

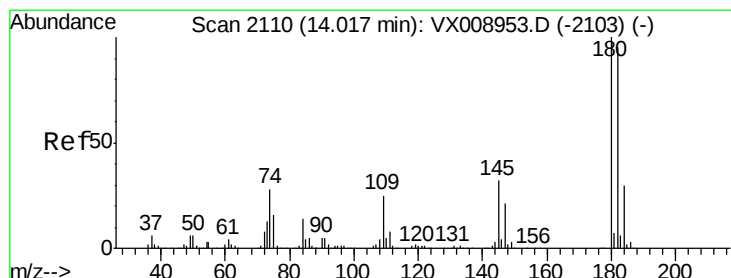
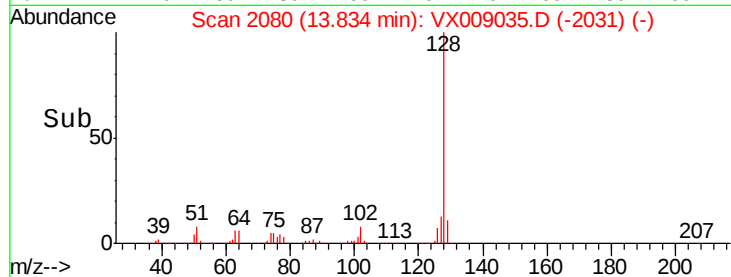
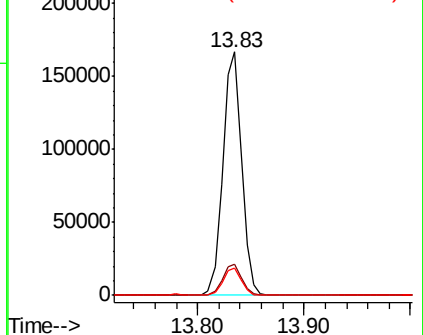
129 11.0 8.6 13.0



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: 19.064 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009035.D

Acq: 18 Apr 2019 11:50

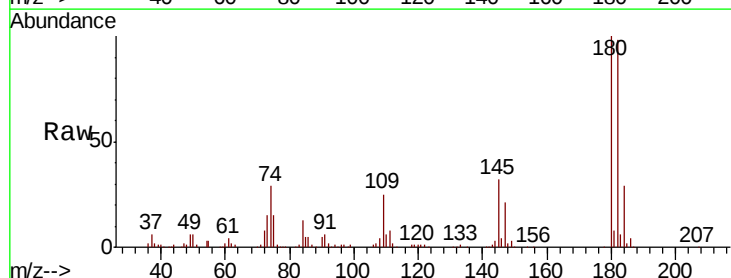
Tgt Ion:180 Resp: 62242

Ion Ratio Lower Upper

180 100

182 96.6 47.8 143.4

145 31.0 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

