

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009088.D
 Acq On : 22 Apr 2019 11:42
 Operator : JC/SP
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Quant Time: Apr 23 02:31:39 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	207151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139169	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	104179	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.71	98	417954	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.13	95	147930	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51918	21.760	ug/l	99
3) Chloromethane	1.32	50	63976	21.841	ug/l	99
4) Vinyl Chloride	1.41	62	58804	20.626	ug/l	98
5) Bromomethane	1.64	94	30351	19.540	ug/l	97
6) Chloroethane	1.72	64	36953	22.042	ug/l	97
7) Trichlorofluoromethane	1.93	101	67325	20.226	ug/l	97
8) Diethyl Ether	2.19	74	31063	20.405	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42428	19.935	ug/l	100
10) Methyl Iodide	2.51	142	37671	19.174	ug/l	100
11) Tert butyl alcohol	3.04	59	67352	103.936	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44245	19.917	ug/l	99
13) Acrolein	2.29	56	44249	79.029	ug/l	98
14) Allyl chloride	2.73	41	100289	20.693	ug/l	98
15) Acrylonitrile	3.14	53	170820	103.843	ug/l	100
16) Acetone	2.45	43	161452	106.646	ug/l	99
17) Carbon Disulfide	2.57	76	131428	20.882	ug/l	100
18) Methyl Acetate	2.77	43	75276	19.923	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	161318	20.380	ug/l	99
20) Methylene Chloride	2.85	84	52039	20.100	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	47161	19.904	ug/l	96
22) Diisopropyl ether	3.85	45	198298	21.056	ug/l	98
23) Vinyl Acetate	3.81	43	883999	106.783	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96727	20.460	ug/l	100
25) 2-Butanone	4.67	43	256588	106.033	ug/l	98
26) 2,2-Dichloropropane	4.59	77	69452	19.599	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	54070	20.099	ug/l	99
28) Bromochloromethane	5.01	49	40248	19.313	ug/l	100
29) Tetrahydrofuran	5.13	42	168768	104.199	ug/l	100
30) Chloroform	5.21	83	87700	20.731	ug/l	99
31) Cyclohexane	5.58	56	95106	20.454	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	71006	20.251	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67684	19.427	ug/l	99
37) Ethyl Acetate	4.83	43	94983	21.187	ug/l	99
38) Carbon Tetrachloride	5.79	117	59398	20.110	ug/l	99

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Quant Time: Apr 23 02:31:39 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)
39) Methylcyclohexane	7.46	83	84768	19.984	ug/l	99
40) Benzene	6.14	78	208596	20.295	ug/l	100
41) Methacrylonitrile	5.04	41	52122	20.258	ug/l	97
42) 1,2-Dichloroethane	6.19	62	73686	20.239	ug/l	100
43) Isopropyl Acetate	6.45	43	147402	20.403	ug/l	99
44) Trichloroethene	7.21	130	49390	19.612	ug/l	98
45) 1,2-Dichloropropane	7.51	63	58996	20.690	ug/l	98
46) Dibromomethane	7.66	93	33779	20.356	ug/l	97
47) Bromodichloromethane	7.90	83	66087	20.305	ug/l	99
48) Methyl methacrylate	7.77	41	73979	20.724	ug/l	100
49) 1,4-Dioxane	7.74	88	27832	416.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	482969	104.935	ug/l	100
52) Toluene	8.79	92	127174	20.646	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76011	20.293	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84674	20.188	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50750	20.788	ug/l	98
56) Ethyl methacrylate	9.18	69	90978	20.783	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90196	20.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	225474	95.650	ug/l	100
59) 2-Hexanone	9.49	43	374007	105.399	ug/l	100
60) Dibromochloromethane	9.58	129	48045	20.534	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51449	20.419	ug/l	99
64) Tetrachloroethene	9.34	164	45773	20.229	ug/l	95
65) Chlorobenzene	10.13	112	128396	20.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45482	20.536	ug/l	99
67) Ethyl Benzene	10.25	91	234869	20.436	ug/l	99
68) m/p-Xylenes	10.36	106	169961	40.692	ug/l	98
69) o-Xylene	10.69	106	82764	20.365	ug/l	98
70) Styrene	10.71	104	142733	20.267	ug/l	99
71) Bromoform	10.85	173	35648	20.203	ug/l #	99
73) Isopropylbenzene	11.02	105	218761	20.659	ug/l	99
74) N-amyl acetate	10.90	43	127929	21.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81714	21.120	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	93810	27.501	ug/l	82
77) Bromobenzene	11.26	156	54607	20.439	ug/l	99
78) n-propylbenzene	11.36	91	251391	20.684	ug/l	100
79) 2-Chlorotoluene	11.42	91	152973	20.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	185688	20.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25971	19.546	ug/l	94
82) 4-Chlorotoluene	11.51	91	173279	20.372	ug/l	99
83) tert-Butylbenzene	11.77	119	175943	20.623	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	188706	20.863	ug/l	99
85) sec-Butylbenzene	11.94	105	211701	20.806	ug/l	99
86) p-Isopropyltoluene	12.06	119	192311	20.558	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	94433	20.195	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94010	19.833	ug/l	99
89) n-Butylbenzene	12.38	91	174790	20.063	ug/l	99
90) Hexachloroethane	12.60	117	31908	20.678	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93165	20.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17126	19.441	ug/l	100

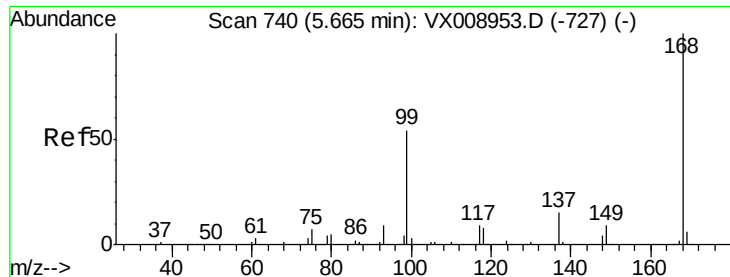
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042219\
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65516	19.656	ug/l	99
94) Hexachlorobutadiene	13.78	225	33428	20.108	ug/l	100
95) Naphthalene	13.83	128	212397	19.889	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65289	19.852	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: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

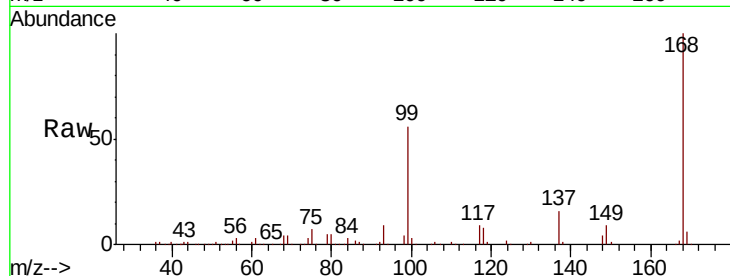
VX0422WBS01

Tot Ion:168 Resp: 207151

Ion Ratio Lower Upper

168 100

99 55.5 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

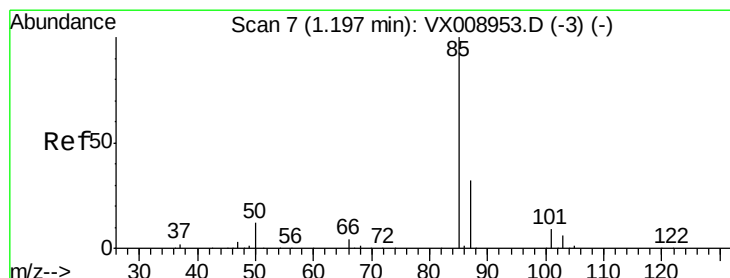
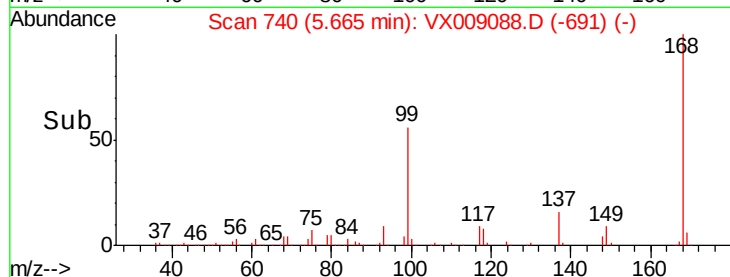
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.760 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009088.D

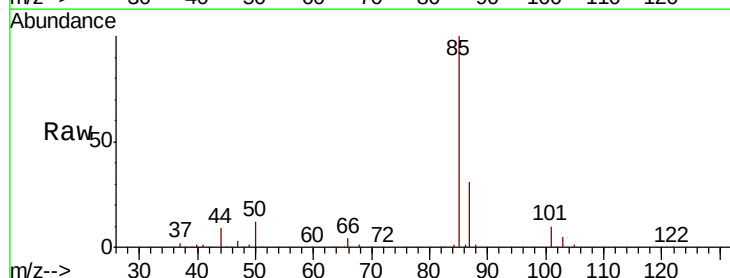
Acq: 22 Apr 2019 11:42

Tgt Ion: 85 Resp: 51918

Ion Ratio Lower Upper

85 100

87 31.4 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

30000

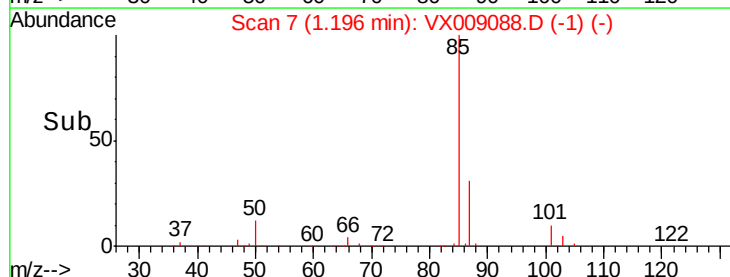
20000

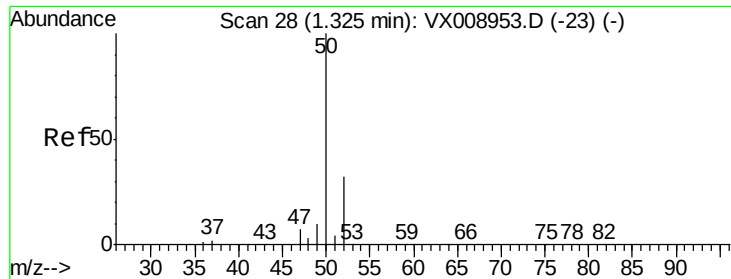
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.841 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

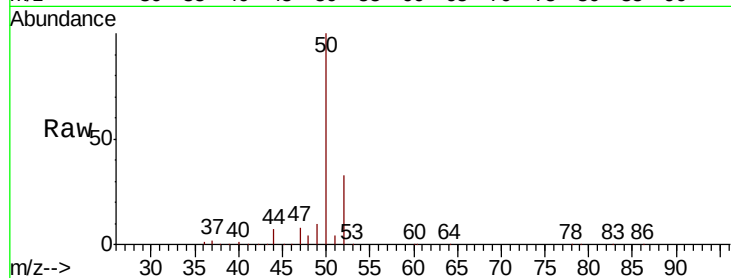
VX0422WBS01

Tot Ion: 50 Resp: 63976

Ion Ratio Lower Upper

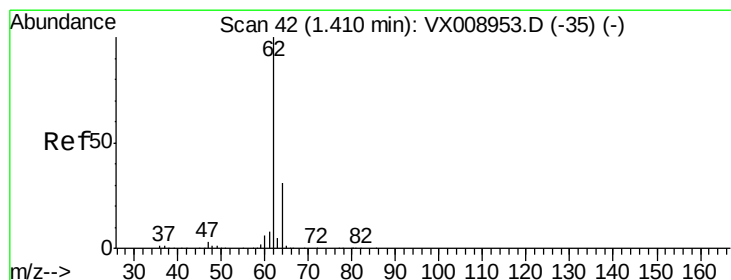
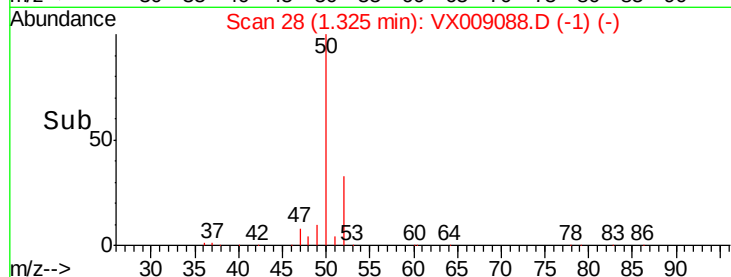
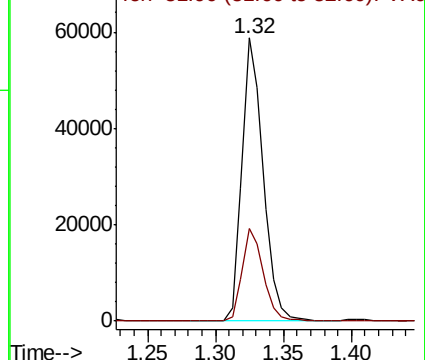
50 100

52 32.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.626 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009088.D

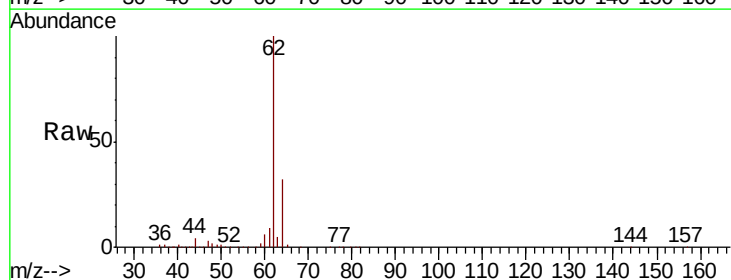
Acq: 22 Apr 2019 11:42

Tgt Ion: 62 Resp: 58804

Ion Ratio Lower Upper

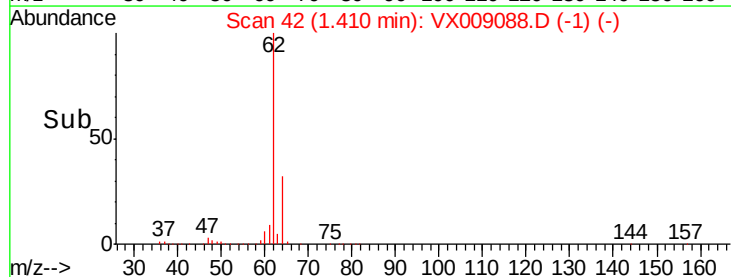
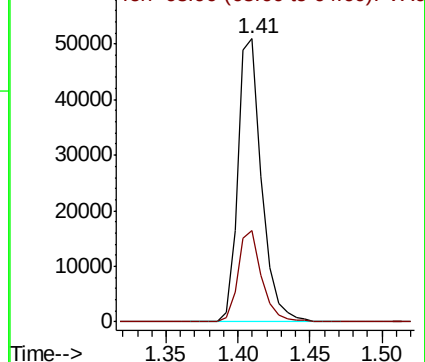
62 100

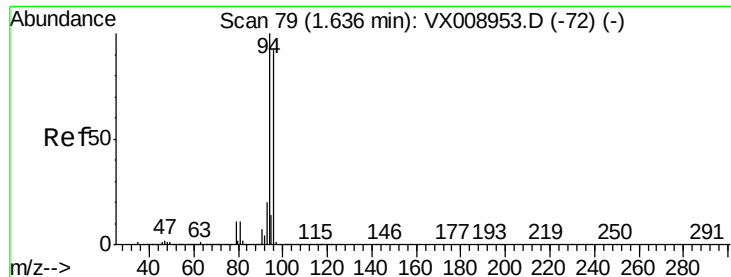
64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.540 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

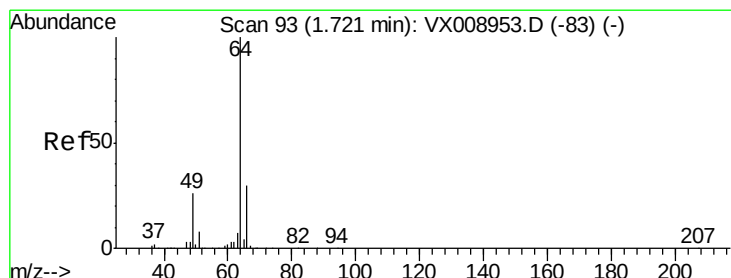
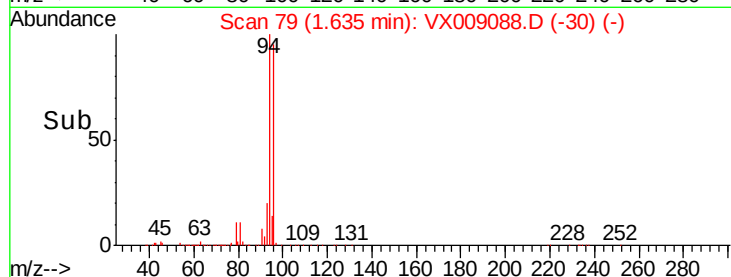
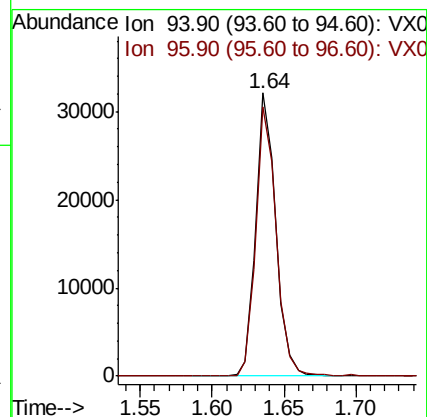
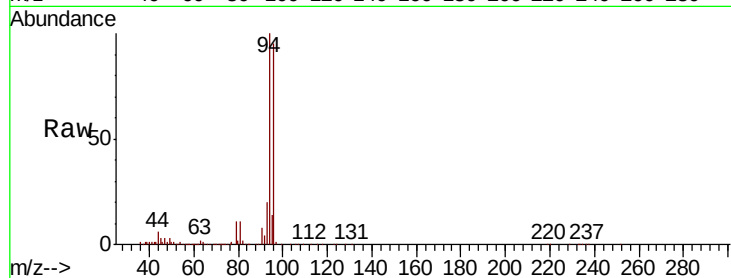
VX0422WBS01

Tot Ion: 94 Resp: 30351

Ion Ratio Lower Upper

94 100

96 94.9 73.9 110.9



#6

Chloroethane

Concen: 22.042 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009088.D

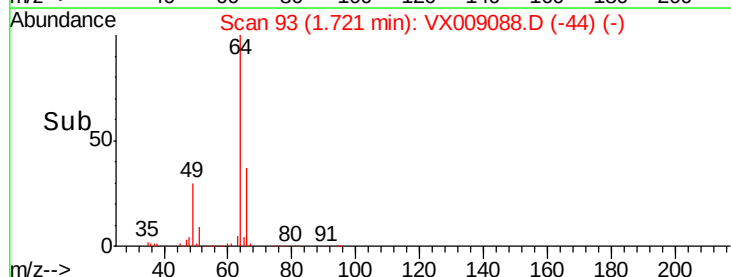
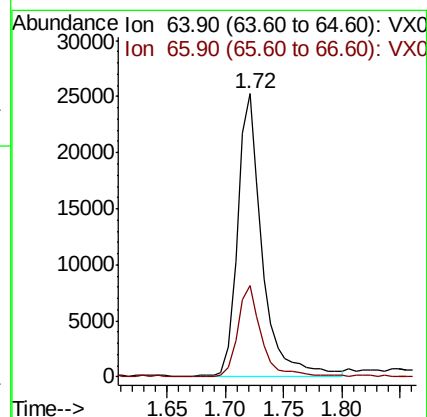
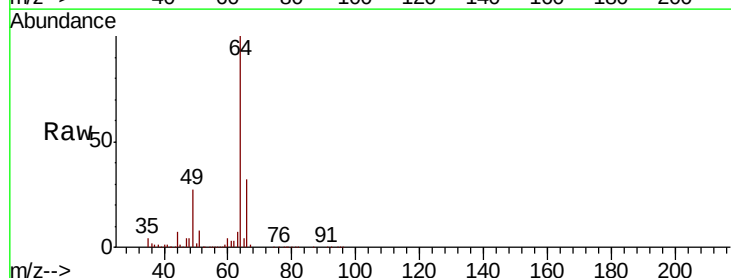
Acq: 22 Apr 2019 11:42

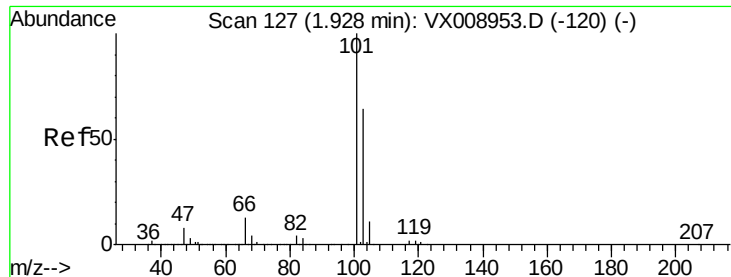
Tgt Ion: 64 Resp: 36953

Ion Ratio Lower Upper

64 100

66 32.0 24.2 36.2



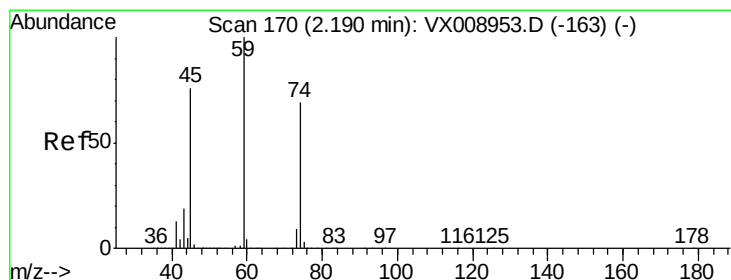
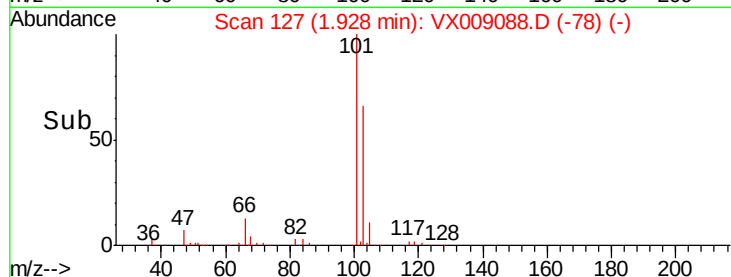
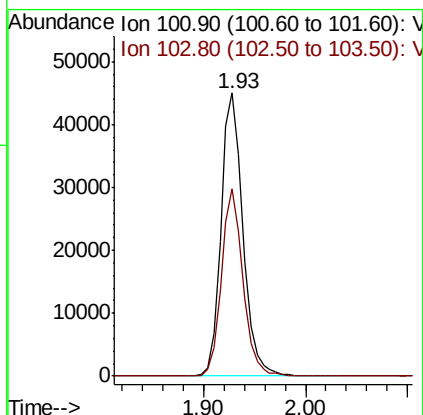
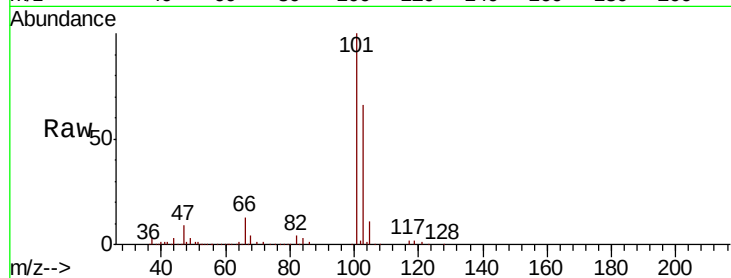


#7

Trichlorofluoromethane
 Concen: 20.226 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

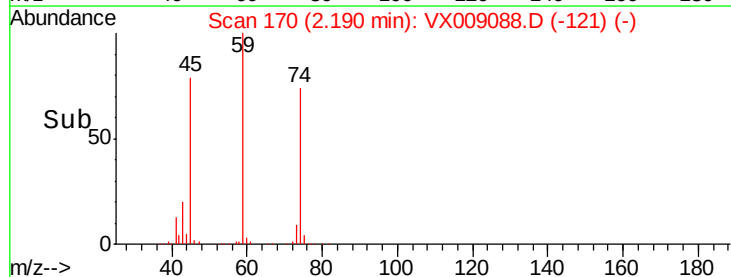
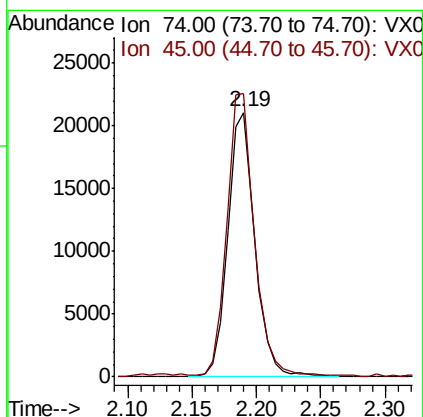
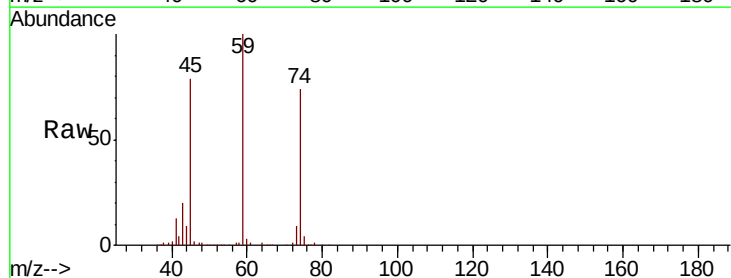
Tot Ion:101 Resp: 67325
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.0 76.6

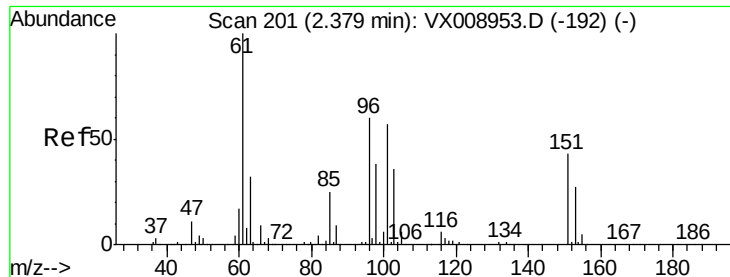


#8

Diethyl Ether
 Concen: 20.405 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 74 Resp: 31063
 Ion Ratio Lower Upper
 74 100
 45 107.5 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.935 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

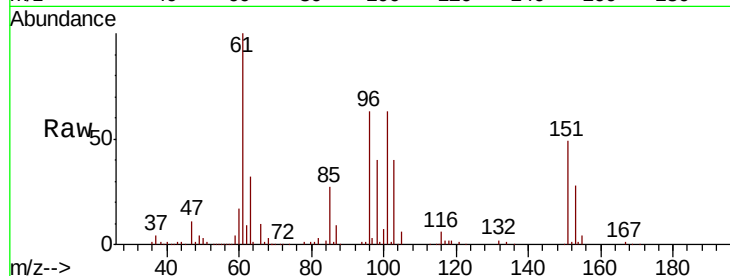
Tot Ion:101 Resp: 42428

Ion Ratio Lower Upper

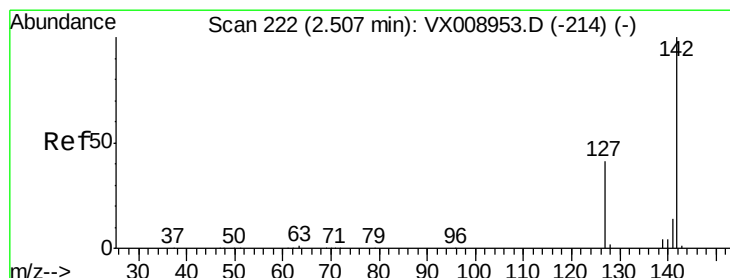
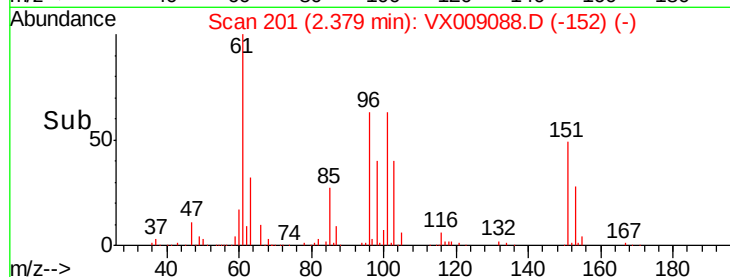
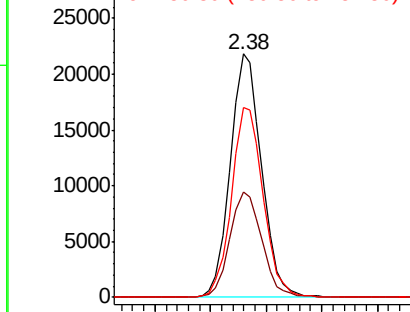
101 100

85 44.3 35.7 53.5

151 78.5 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: 19.174 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

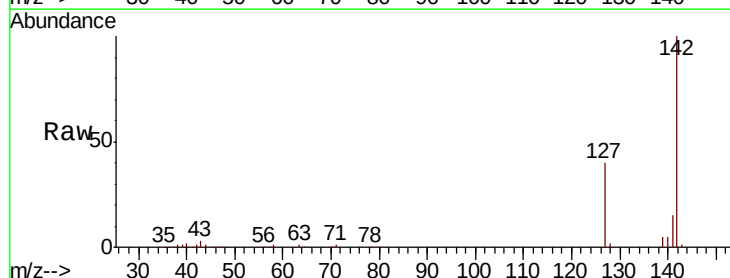
Tgt Ion:142 Resp: 37671

Ion Ratio Lower Upper

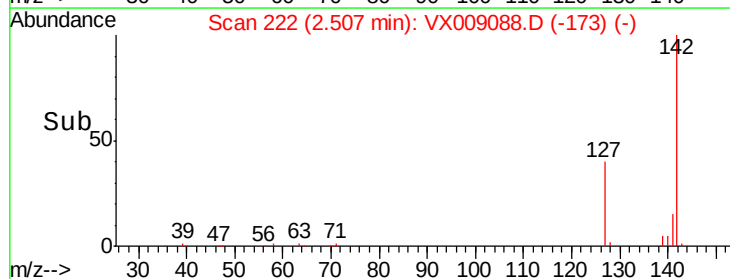
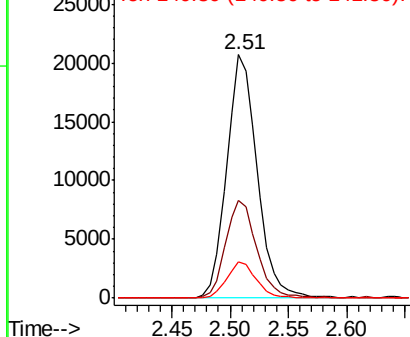
142 100

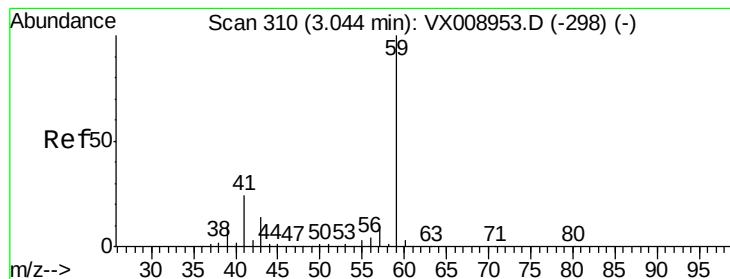
127 40.8 32.8 49.2

141 14.7 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: 103.936 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

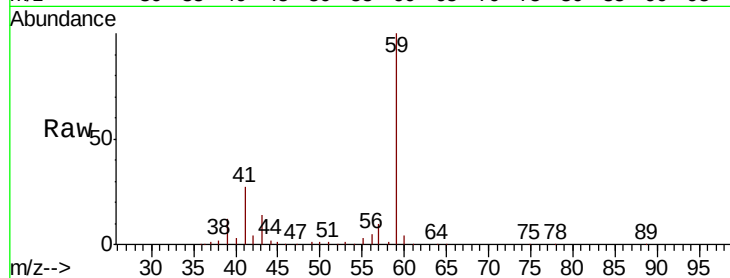
VX0422WBS01

Tot Ion: 59 Resp: 67352

Ion Ratio Lower Upper

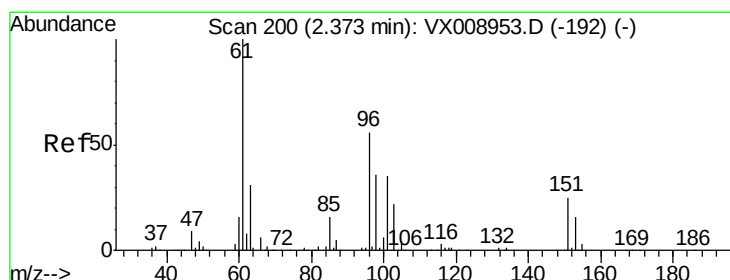
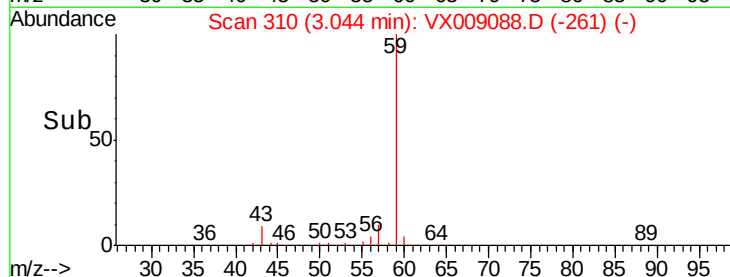
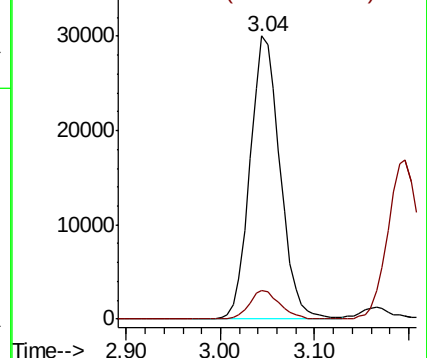
59 100

57 10.3 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.917 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

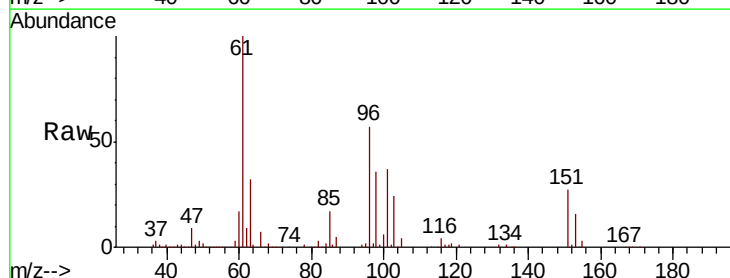
Tgt Ion: 96 Resp: 44245

Ion Ratio Lower Upper

96 100

61 175.2 142.2 213.2

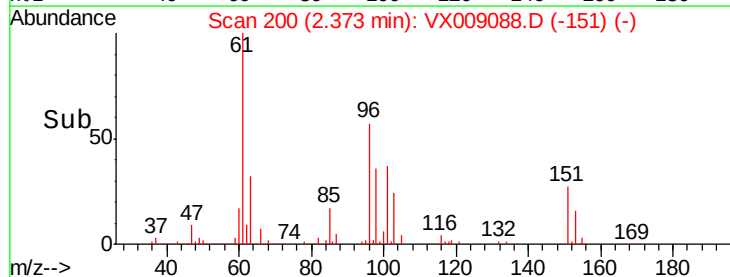
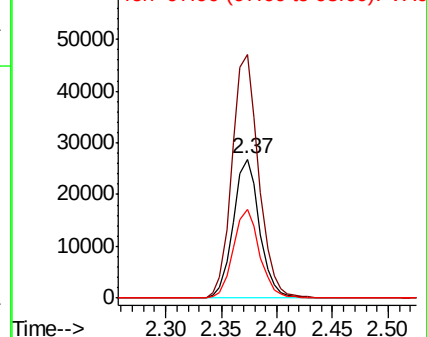
98 63.8 50.9 76.3

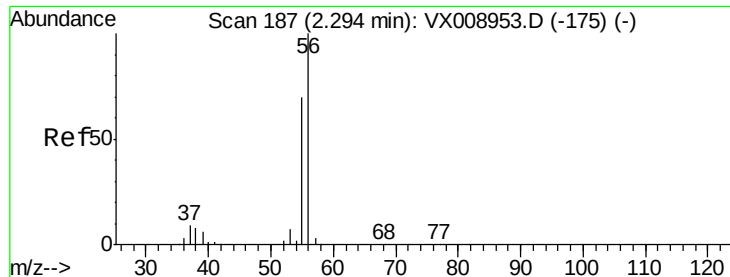


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 79.029 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

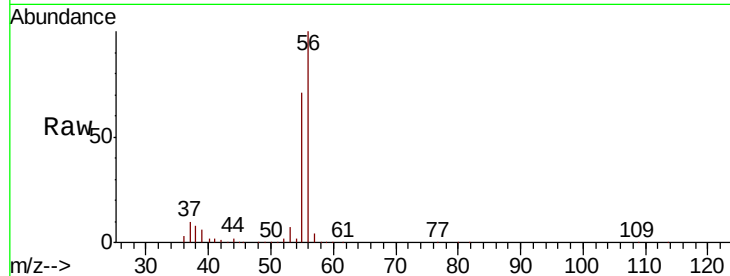
VX0422WBS01

Tot Ion: 56 Resp: 44249

Ion Ratio Lower Upper

56 100

55 72.3 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

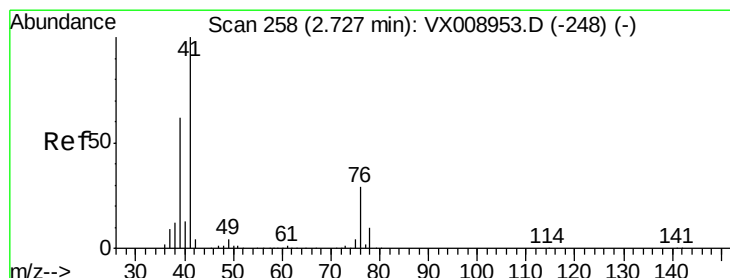
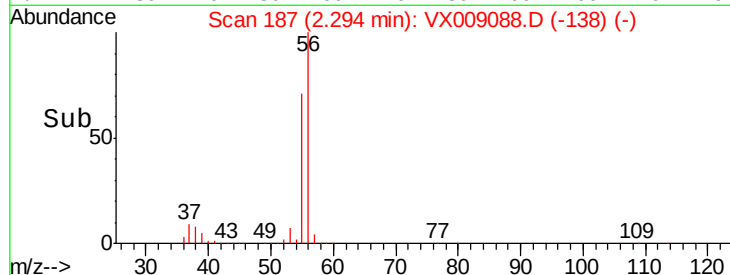
30000

20000

10000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.693 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

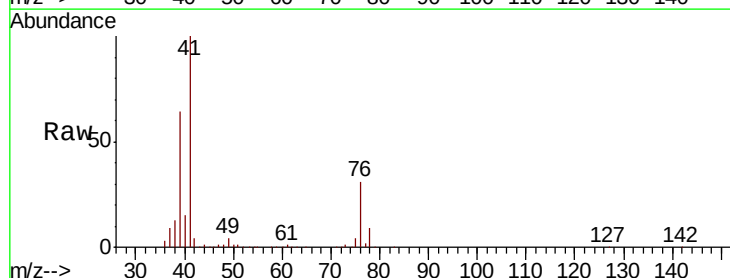
Tgt Ion: 41 Resp: 100289

Ion Ratio Lower Upper

41 100

39 60.3 46.7 70.1

76 28.1 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

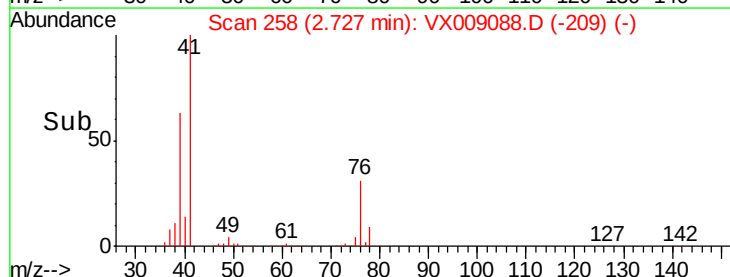
60000

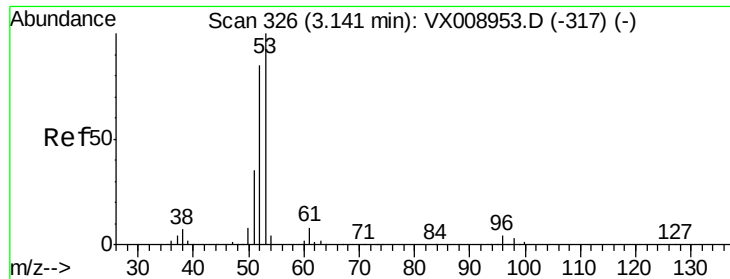
40000

20000

0

Time--> 2.60 2.70 2.80

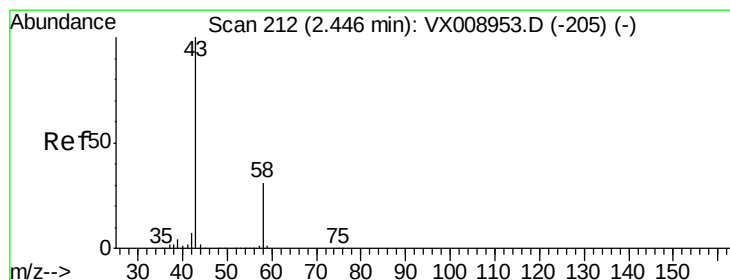
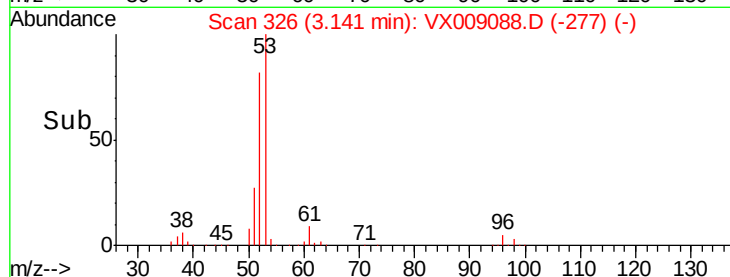
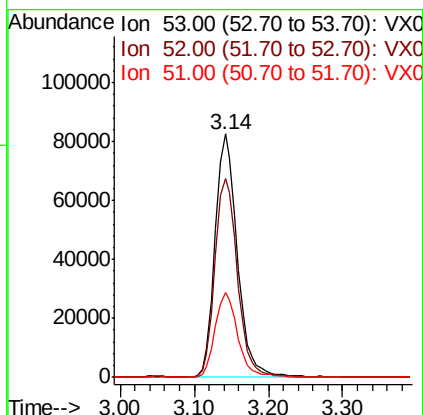
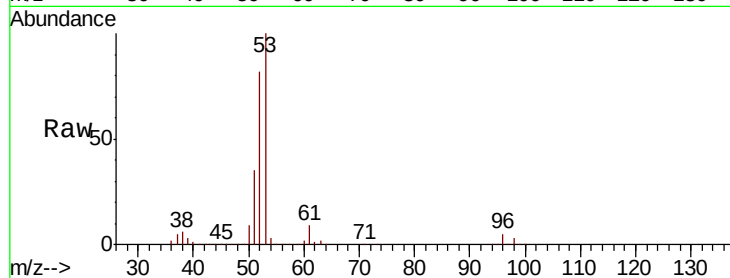




#15
 Acrylonitrile
 Concen: 103.843 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

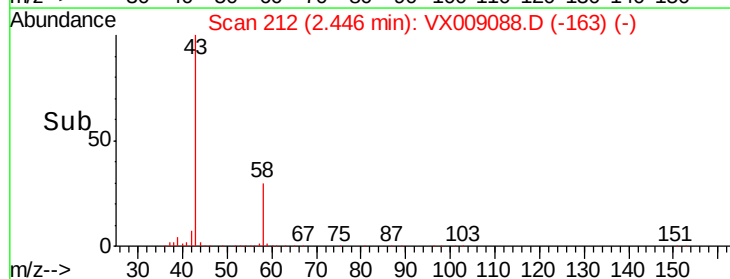
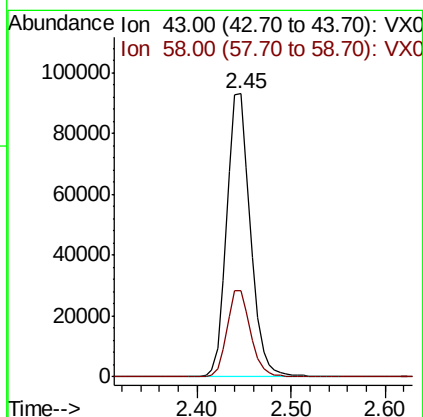
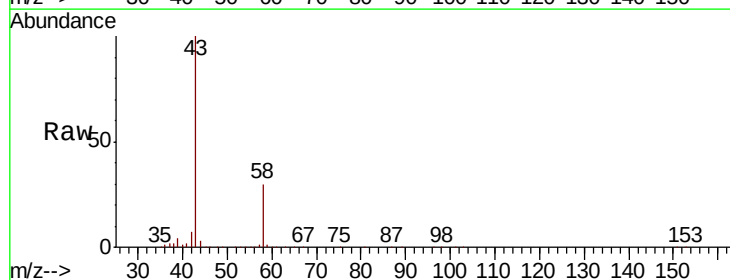
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

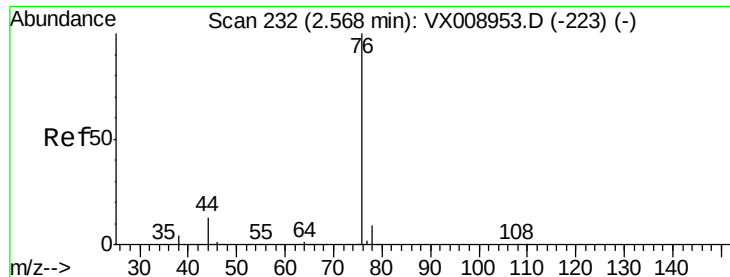
Tot Ion: 53 Resp: 170820
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.6 100.0
 51 35.4 28.3 42.5



#16
 Acetone
 Concen: 106.646 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 43 Resp: 161452
 Ion Ratio Lower Upper
 43 100
 58 30.3 24.8 37.2





#17

Carbon Disulfide

Concen: 20.882 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

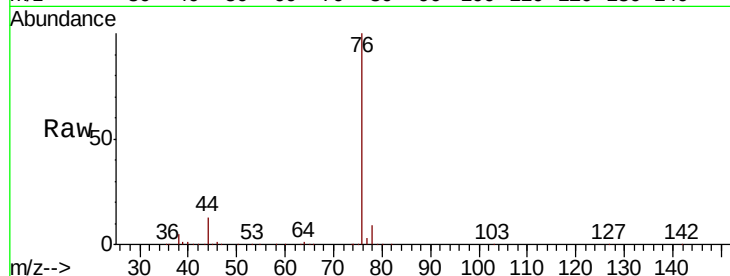
VX0422WBS01

Tot Ion: 76 Resp: 131428

Ion Ratio Lower Upper

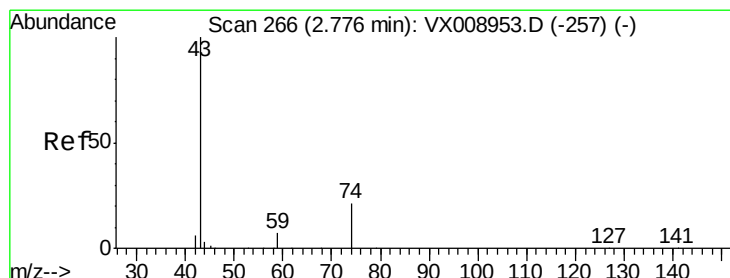
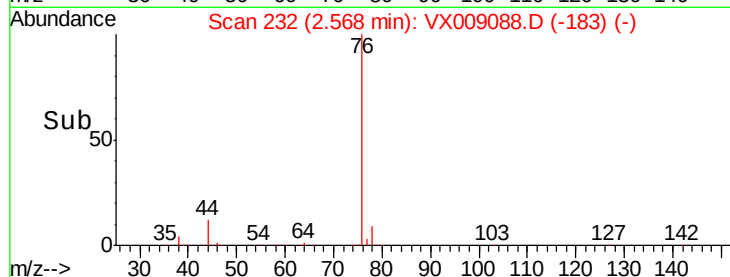
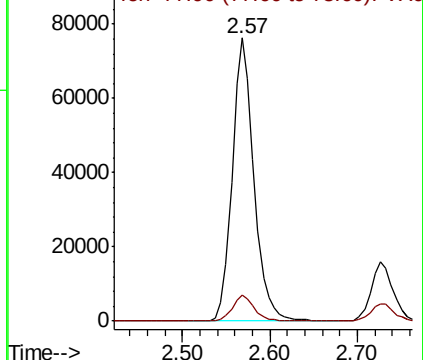
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.923 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009088.D

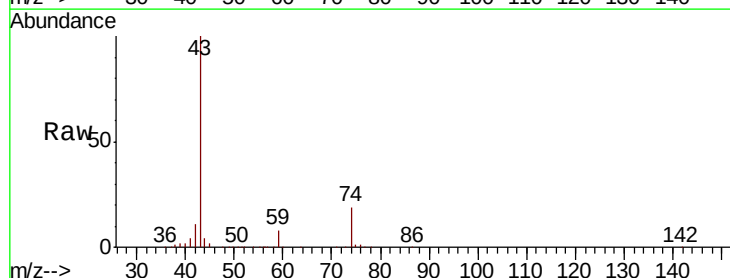
Acq: 22 Apr 2019 11:42

Tgt Ion: 43 Resp: 75276

Ion Ratio Lower Upper

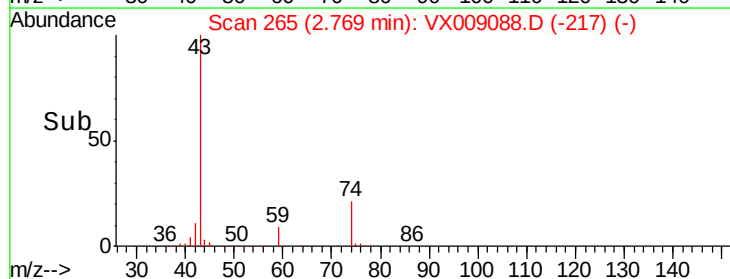
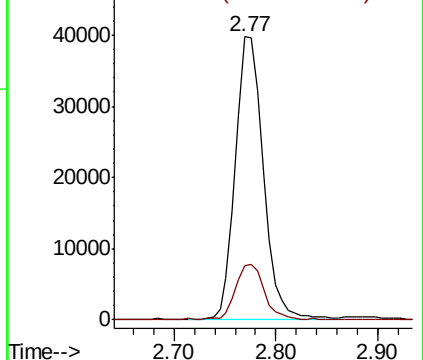
43 100

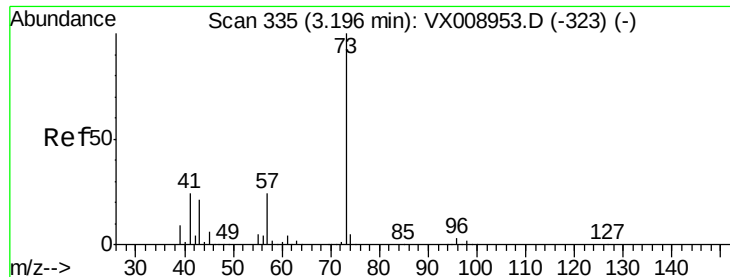
74 20.8 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

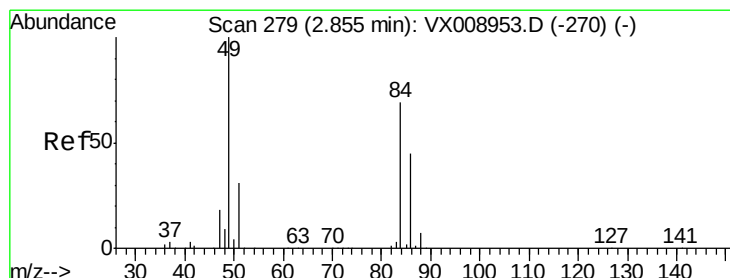
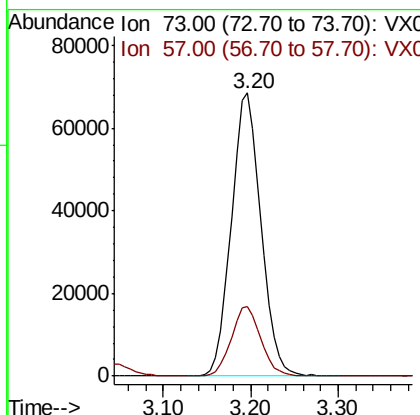
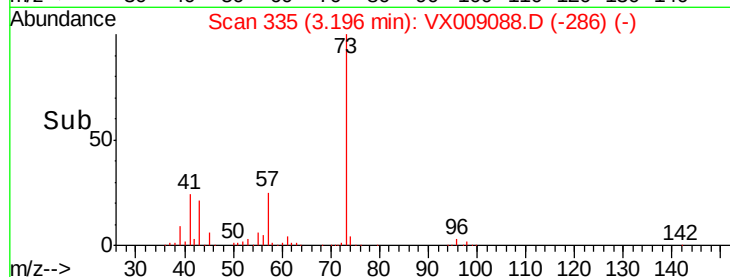
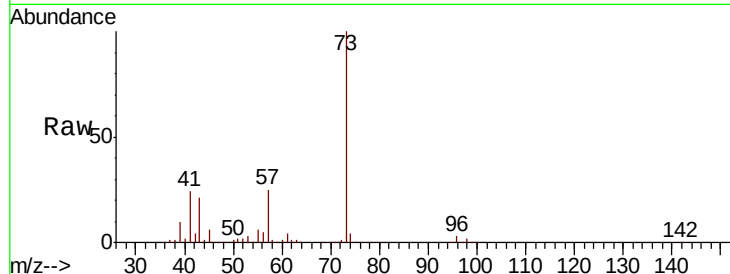




#19
Methyl tert-butyl Ether
Concen: 20.380 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

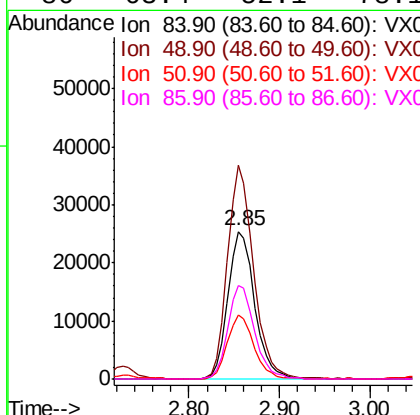
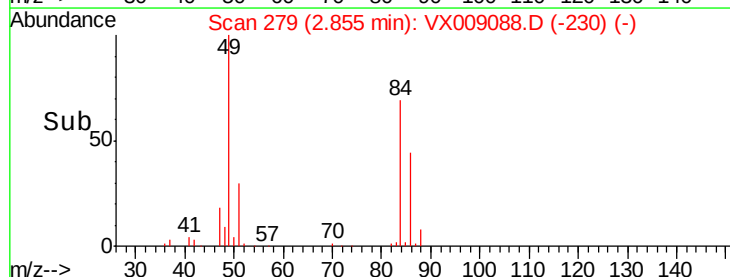
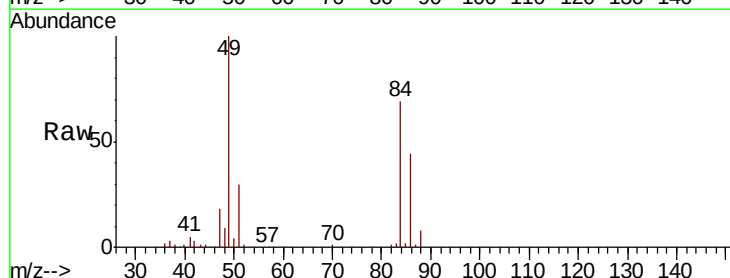
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

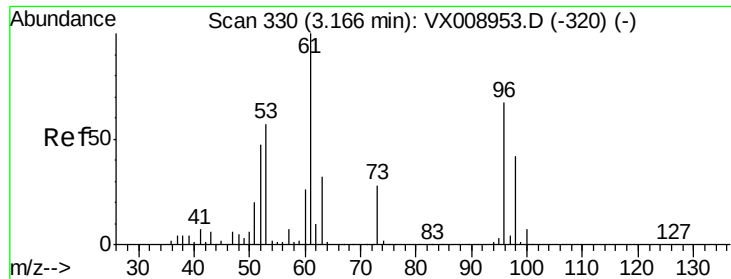
Tot Ion: 73 Resp: 161318
Ion Ratio Lower Upper
73 100
57 24.6 19.2 28.8



#20
Methylene Chloride
Concen: 20.100 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 84 Resp: 52039
Ion Ratio Lower Upper
84 100
49 144.9 115.4 173.0
51 43.2 35.8 53.6
86 63.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.904 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

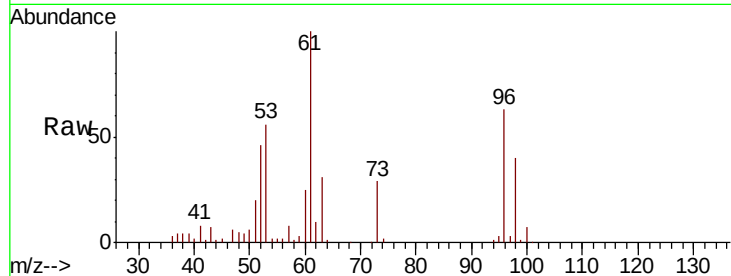
Tot Ion: 96 Resp: 47161

Ion Ratio Lower Upper

96 100

61 158.4 120.3 180.5

98 62.9 50.2 75.2

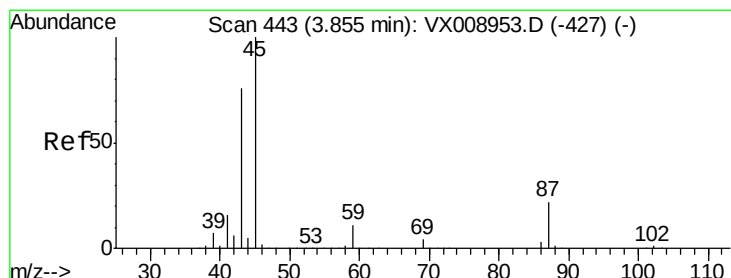
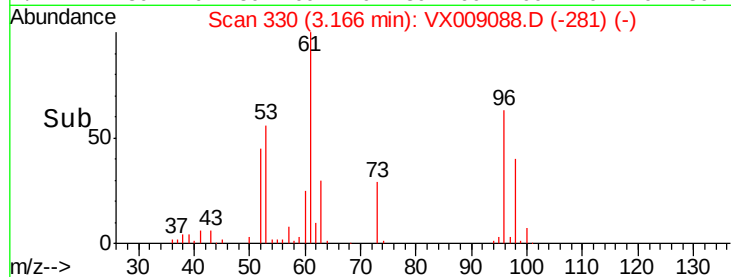
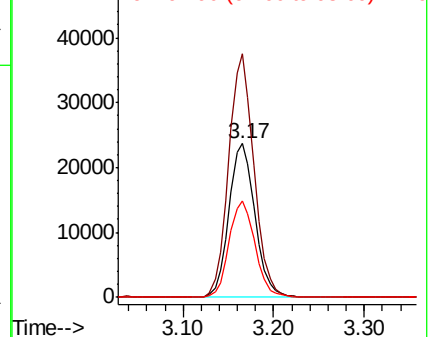


Abundance

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: 21.056 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion: 45 Resp: 198298

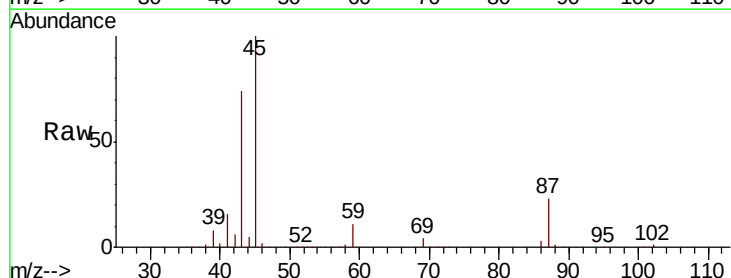
Ion Ratio Lower Upper

45 100

43 74.0 60.6 91.0

87 22.9 17.8 26.8

59 10.7 8.7 13.1



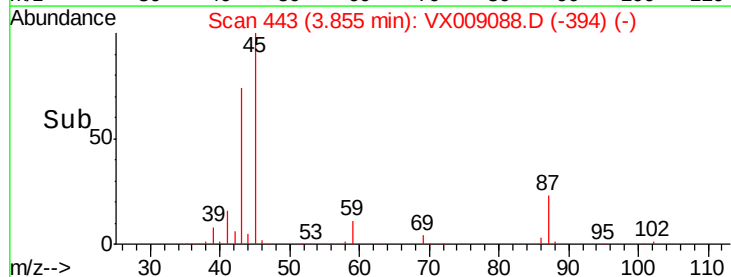
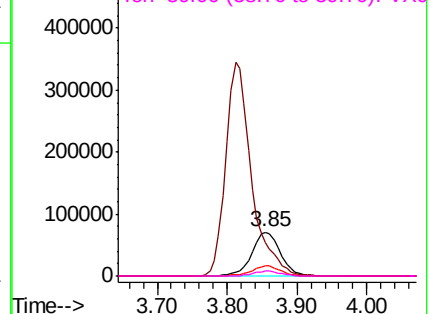
Abundance

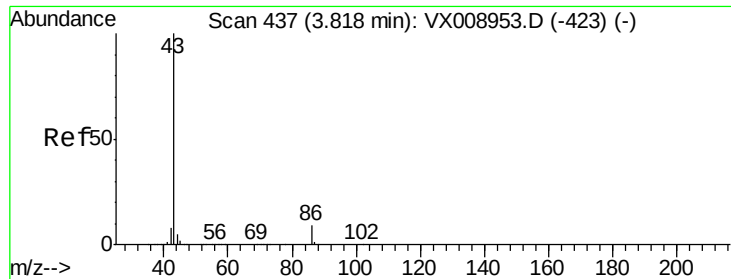
Ion 45.00 (44.70 to 45.70): VX0

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: 106.783 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

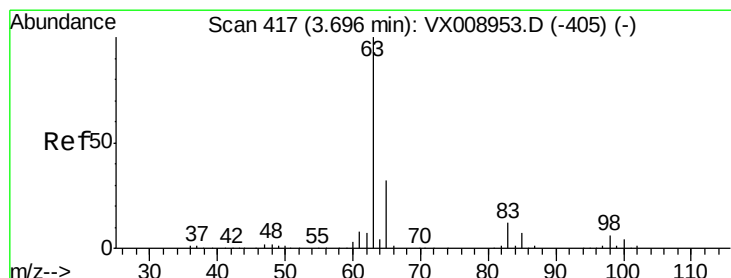
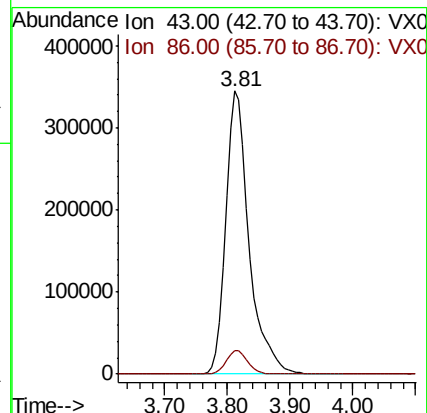
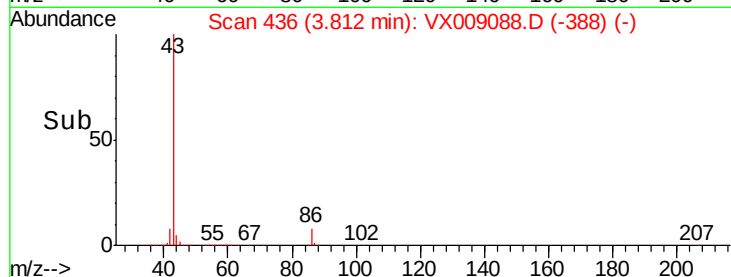
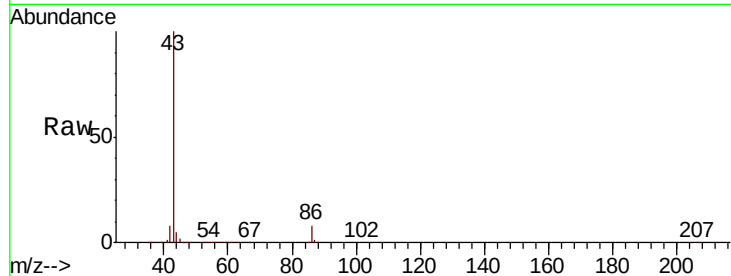
VX0422WBS01

Tot Ion: 43 Resp: 883999

Ion Ratio Lower Upper

43 100

86 8.3 7.1 10.7



#24

1,1-Dichloroethane

Concen: 20.460 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

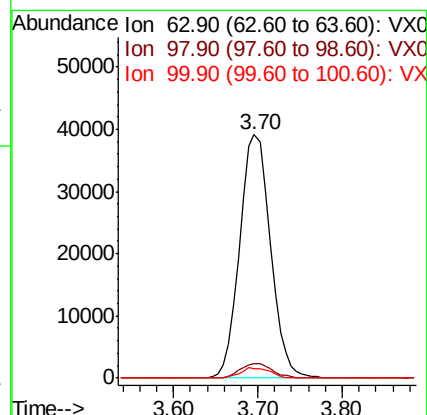
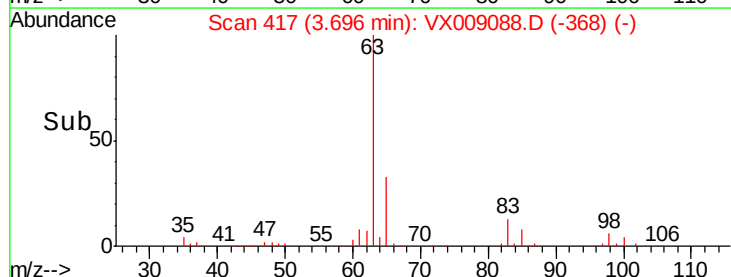
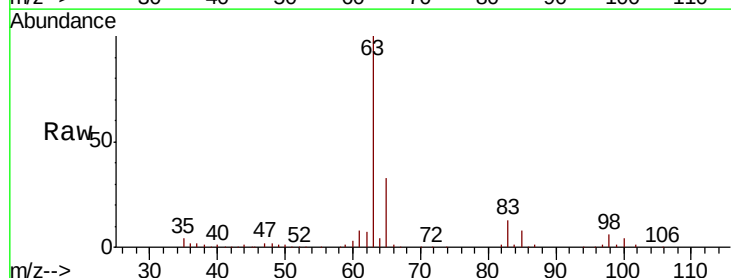
Tgt Ion: 63 Resp: 96727

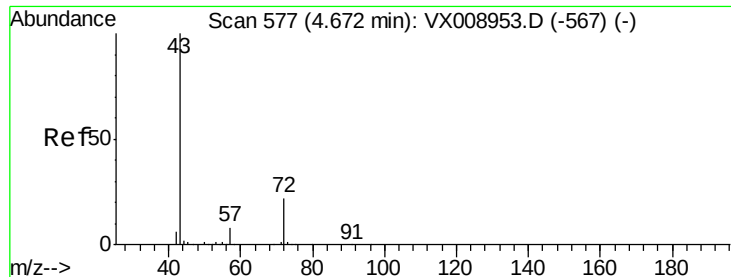
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 106.033 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

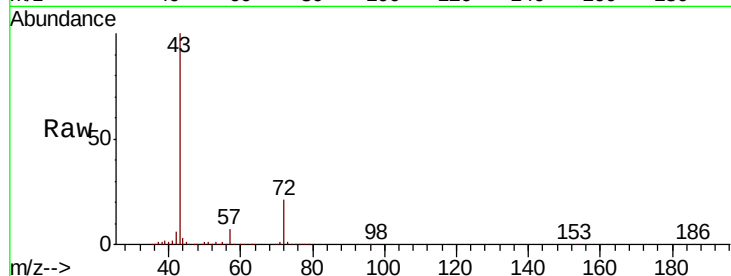
VX0422WBS01

Tot Ion: 43 Resp: 256588

Ion Ratio Lower Upper

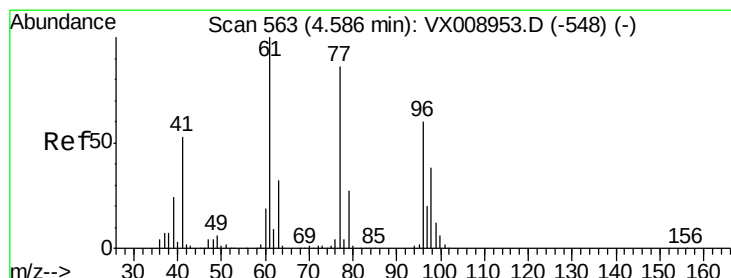
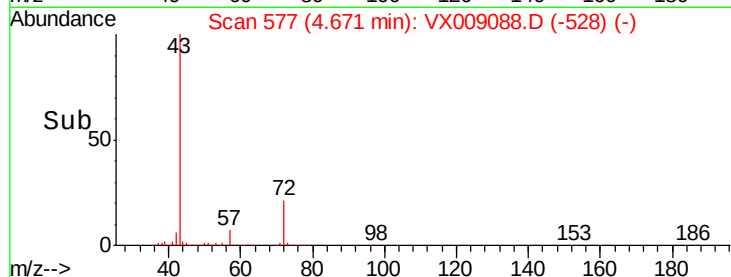
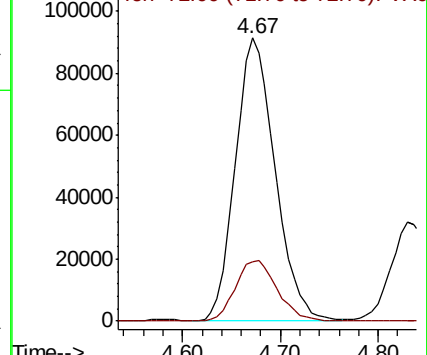
43 100

72 20.9 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: 19.599 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009088.D

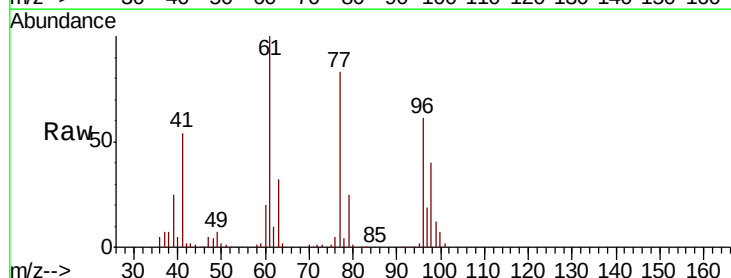
Acq: 22 Apr 2019 11:42

Tgt Ion: 77 Resp: 69452

Ion Ratio Lower Upper

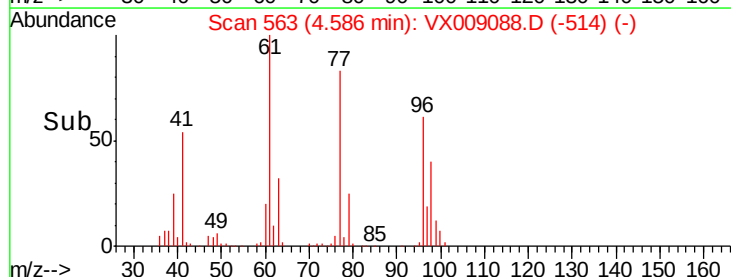
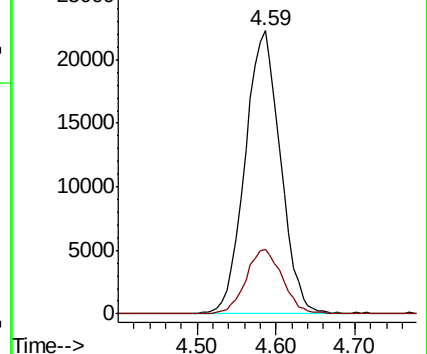
77 100

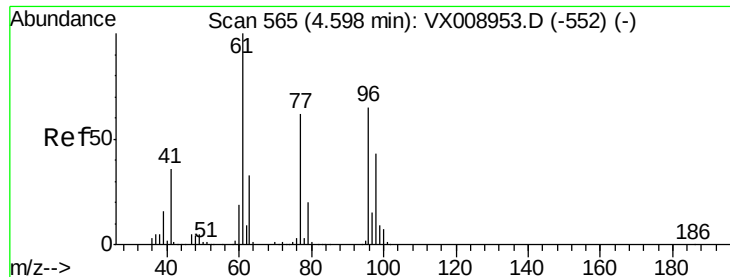
97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



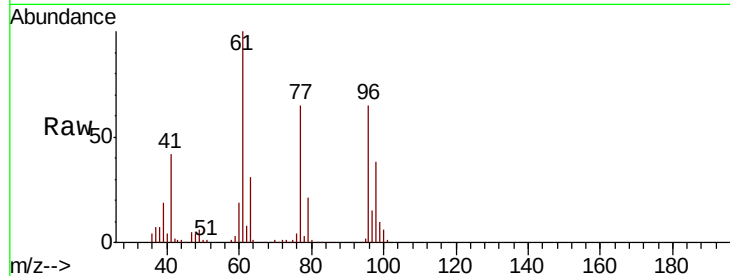


#27

cis-1,2-Dichloroethene
Concen: 20.099 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	96	Resp	54070
Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	322.0
98	64.2	0.0	128.4

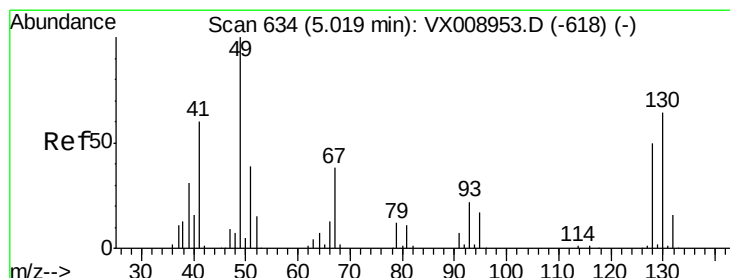
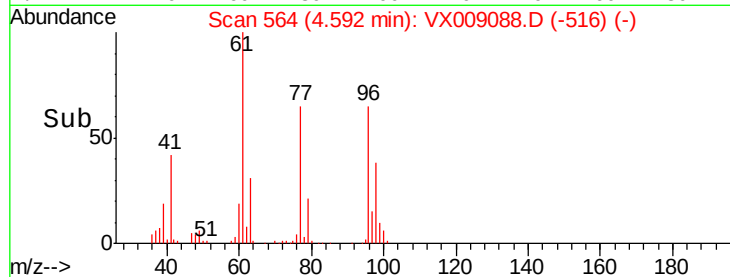
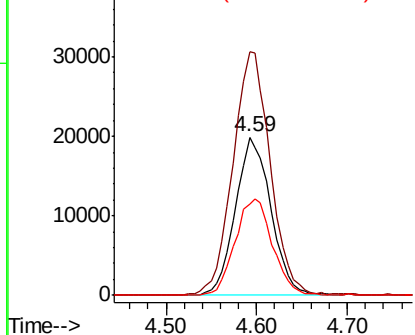


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

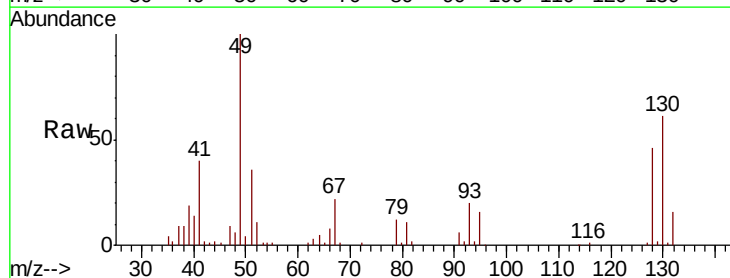
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.313 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	49	Resp	40248
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	63.4	50.4	75.6

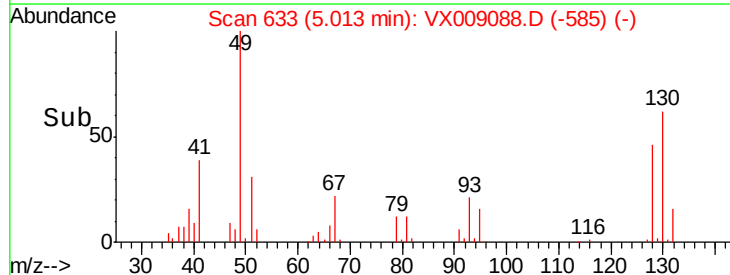
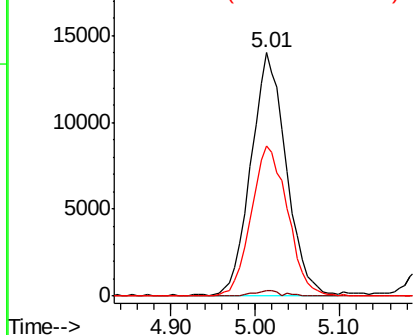


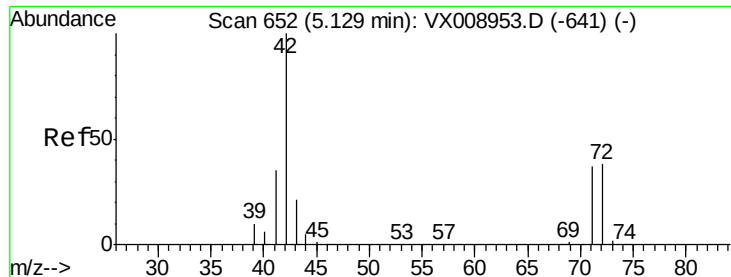
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

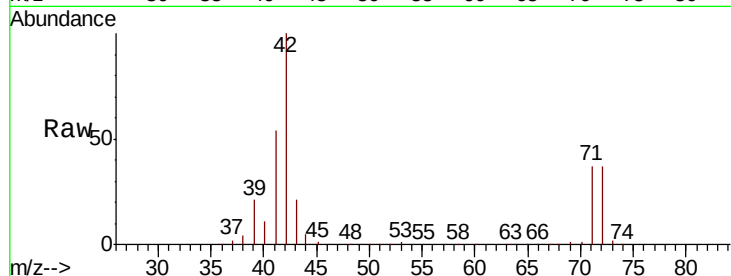




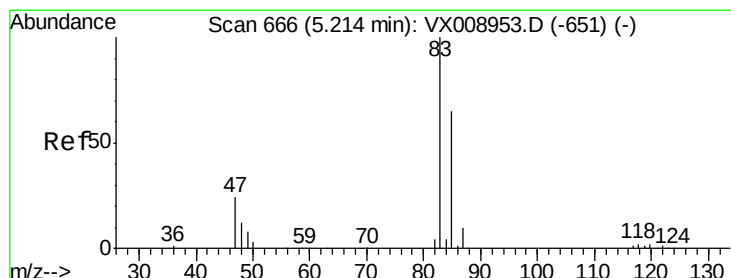
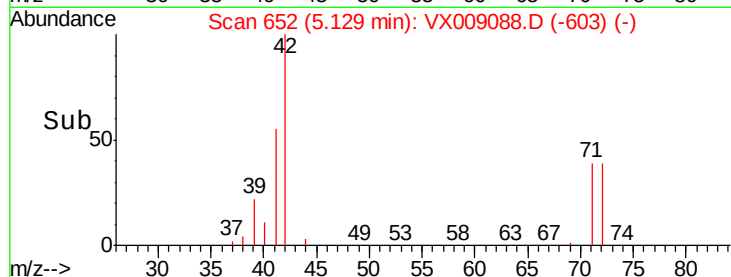
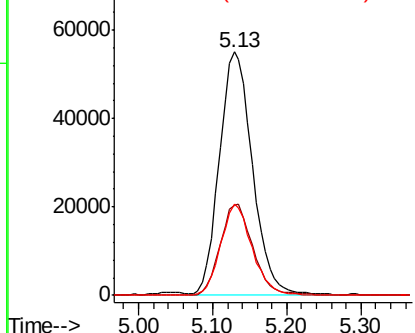
#29
Tetrahydrofuran
Concen: 104.199 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion: 42 Resp: 168768
Ion Ratio Lower Upper
42 100
72 37.6 30.6 45.8
71 36.0 28.8 43.2

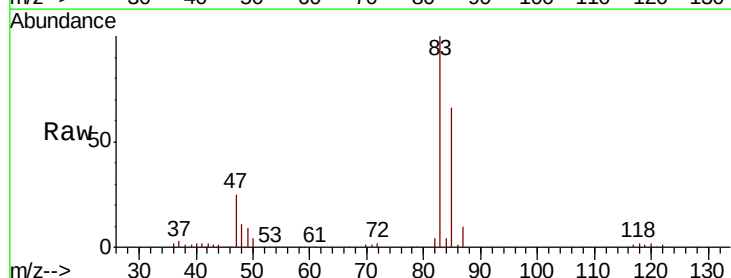


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

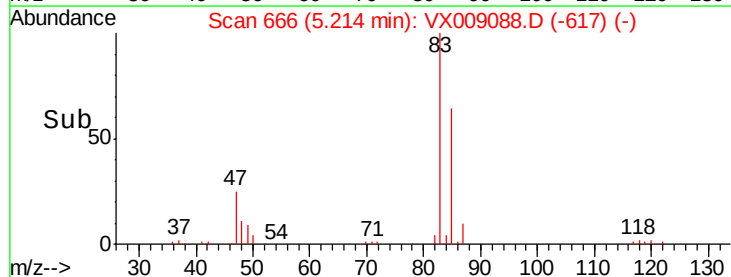
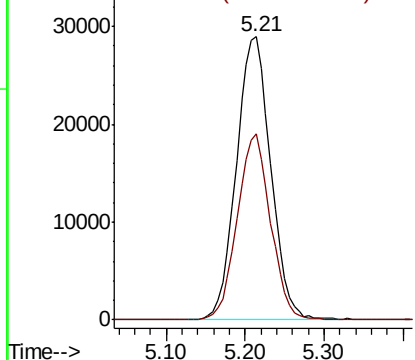


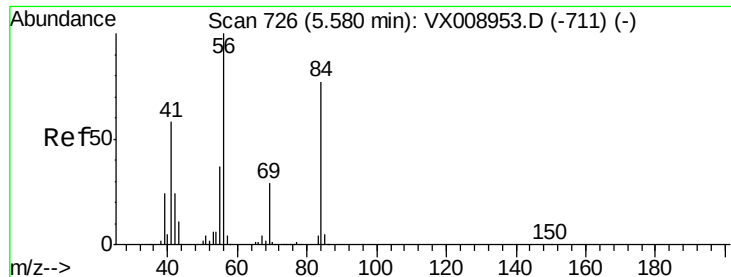
#30
Chloroform
Concen: 20.731 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 83 Resp: 87700
Ion Ratio Lower Upper
83 100
85 65.7 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: 20.454 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0422WBS01

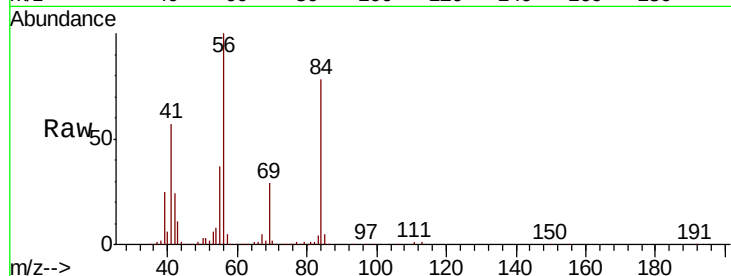
Tot Ion: 56 Resp: 95106

Ion Ratio Lower Upper

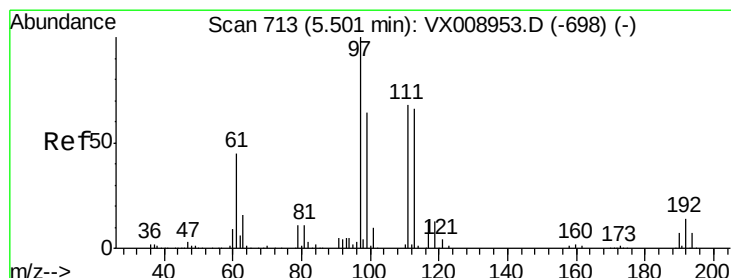
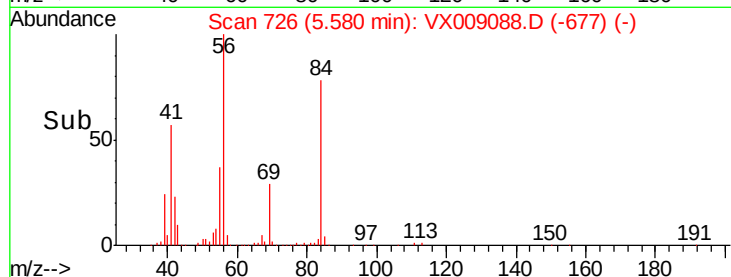
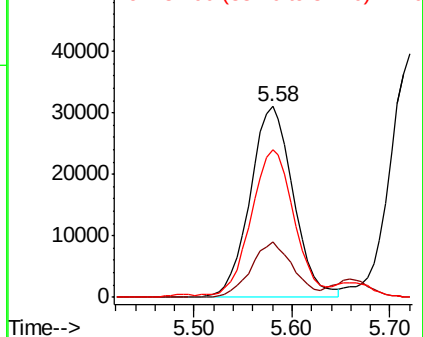
56 100

69 28.7 23.3 34.9

84 76.2 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 20.251 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

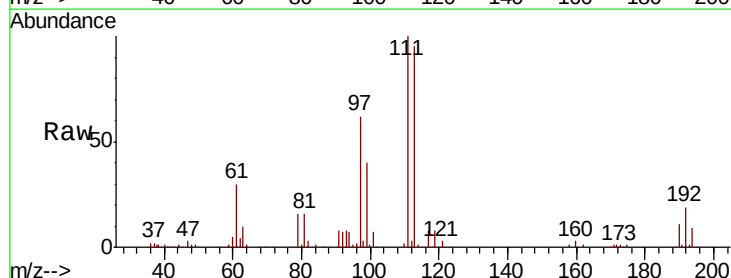
Tgt Ion: 97 Resp: 71006

Ion Ratio Lower Upper

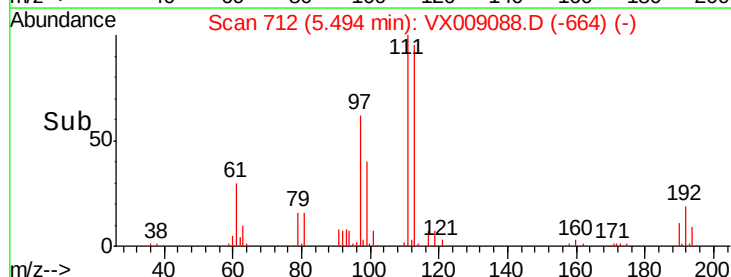
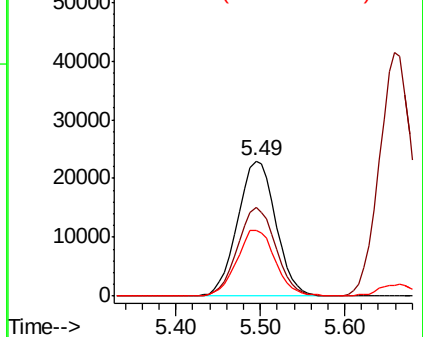
97 100

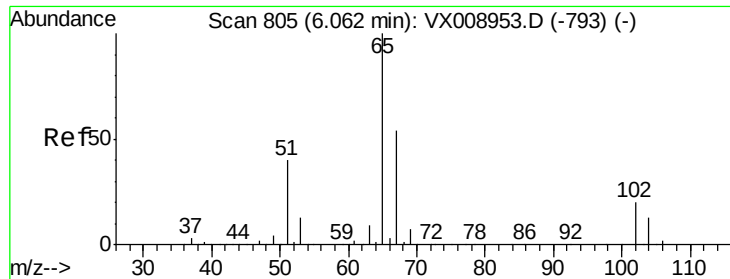
99 65.1 51.6 77.4

61 49.1 37.9 56.9



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

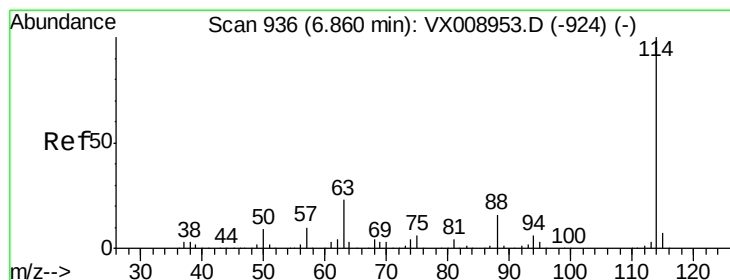
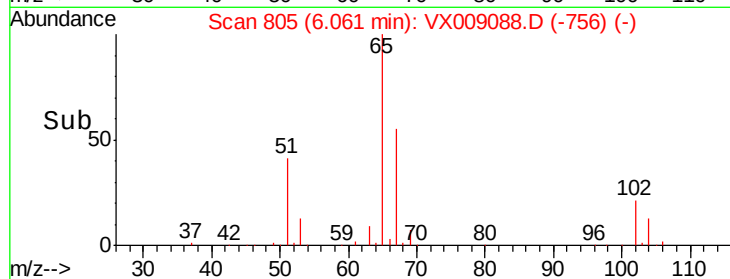
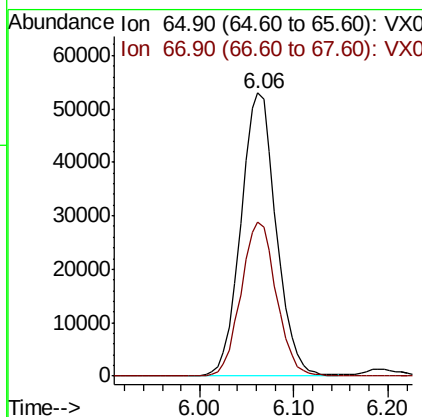
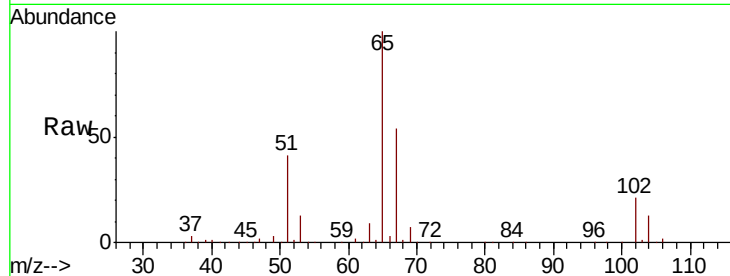




#33
 1,2-Dichloroethane-d4
 Concen: 47.671 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

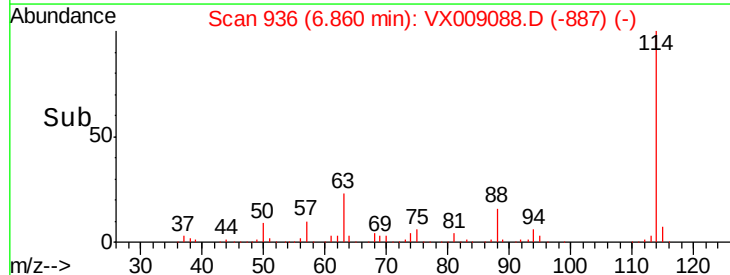
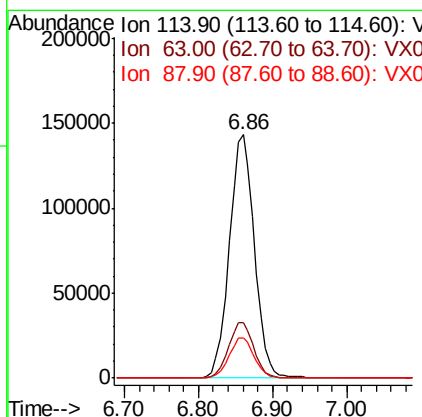
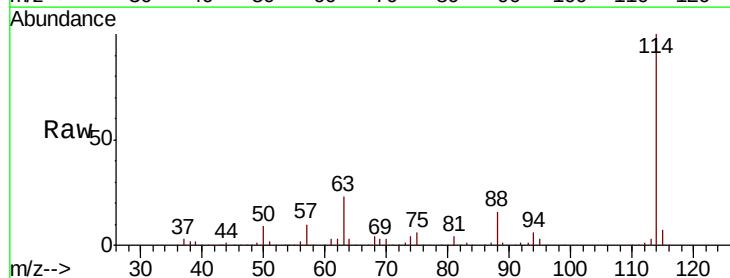
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

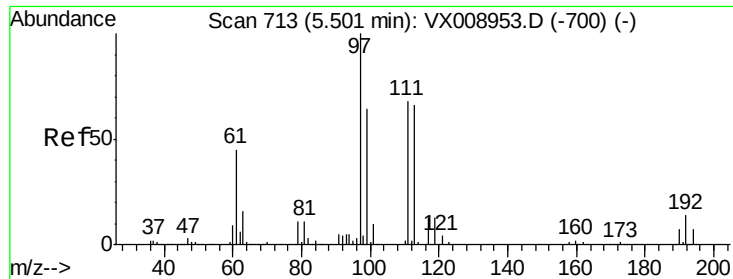
Tot Ion: 65 Resp: 139169
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 114 Resp: 336871
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 16.4 0.0 32.6

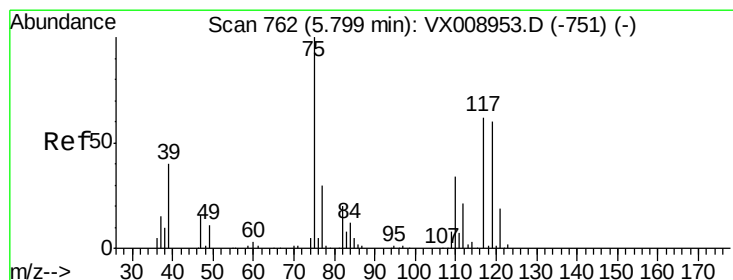
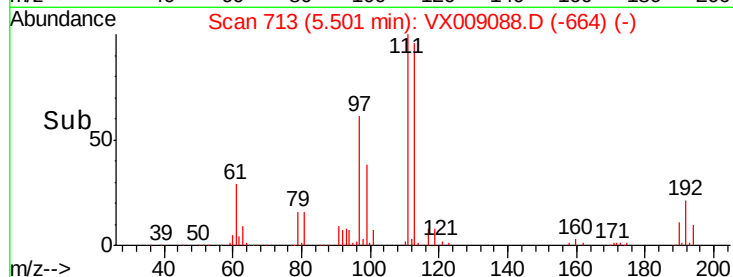
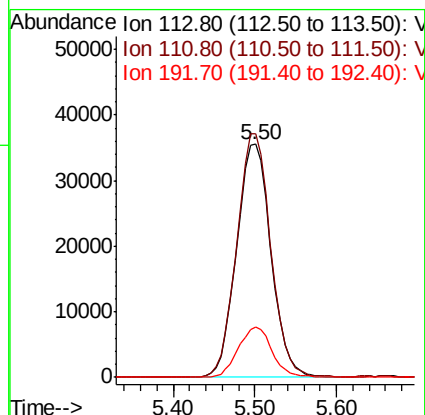
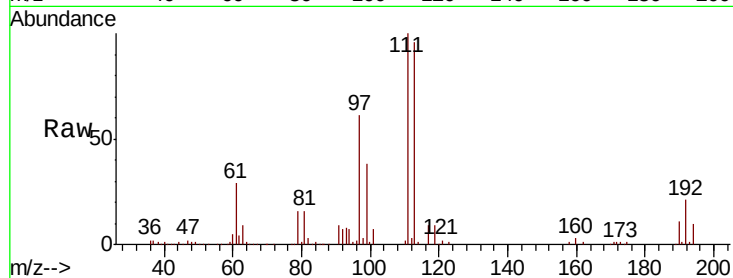




#35
 Dibromofluoromethane
 Concen: 48.187 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

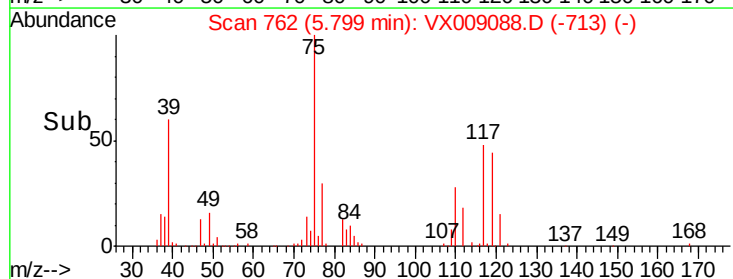
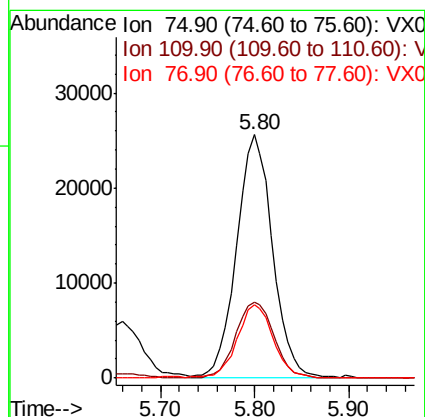
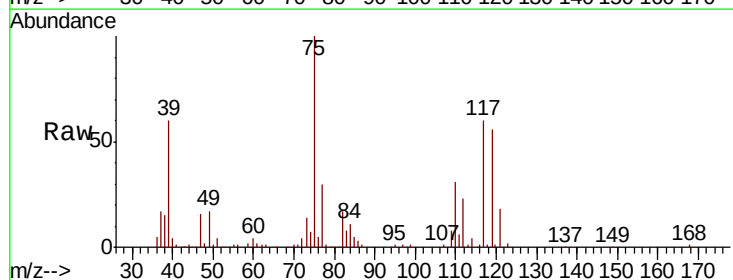
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

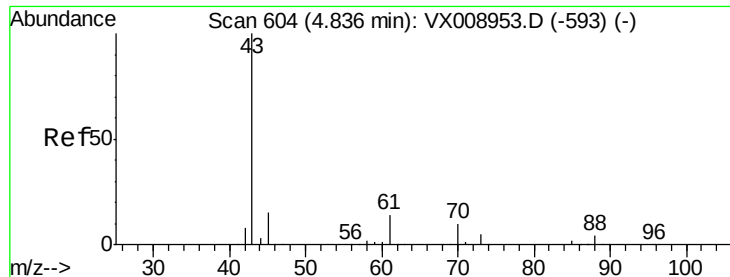
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	21.2	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 19.427 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	30.7	25.0	37.4

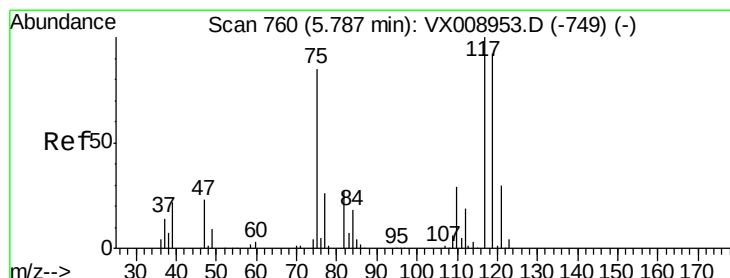
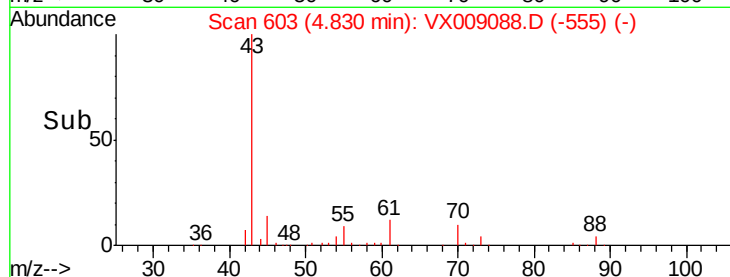
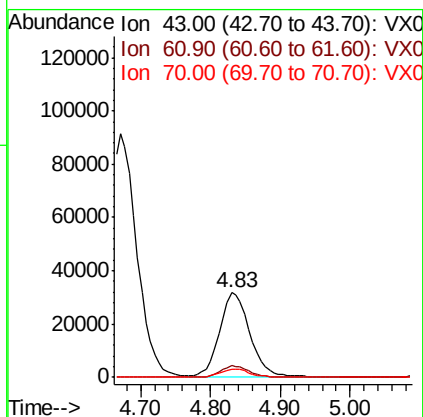
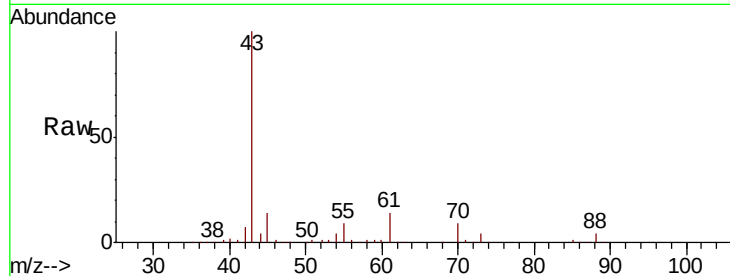




#37
Ethyl Acetate
Concen: 21.187 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

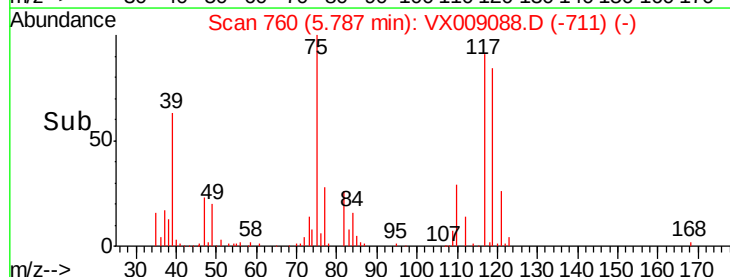
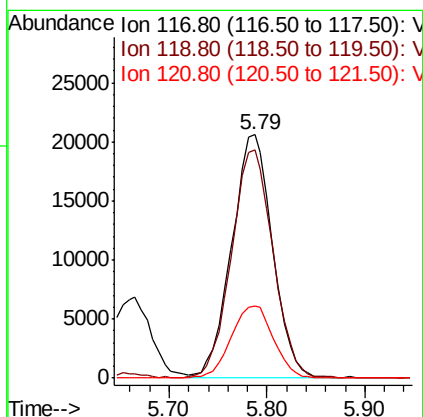
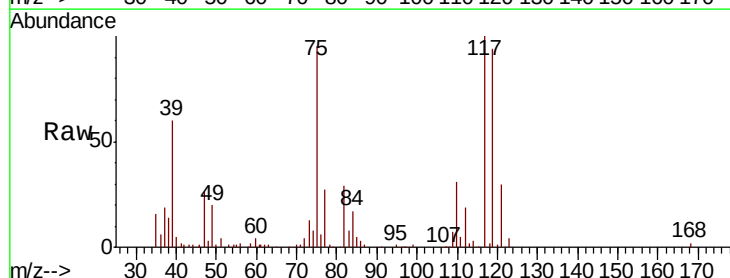
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

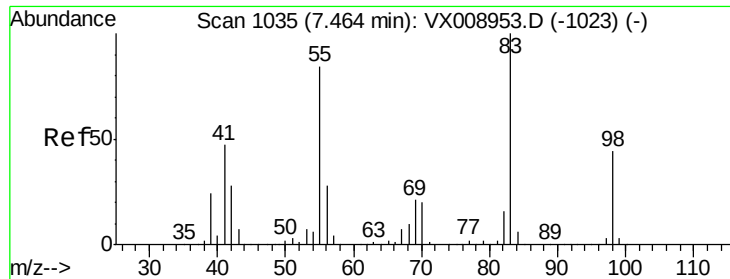
Tot Ion: 43 Resp: 94983
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.110 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 117 Resp: 59398
Ion Ratio Lower Upper
117 100
119 93.8 73.8 110.8
121 29.7 23.6 35.4

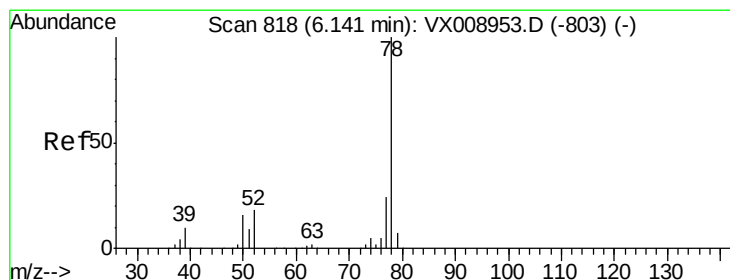
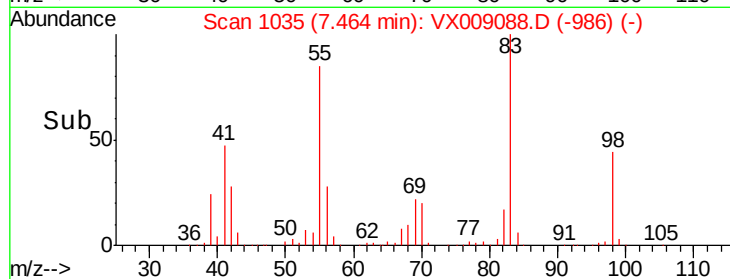
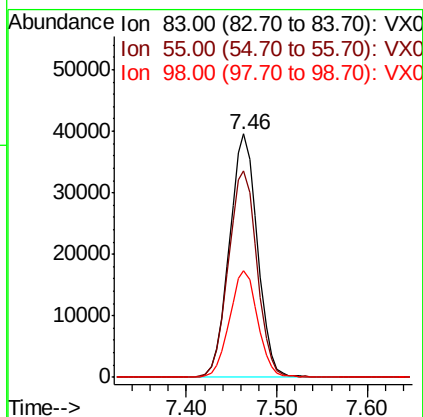
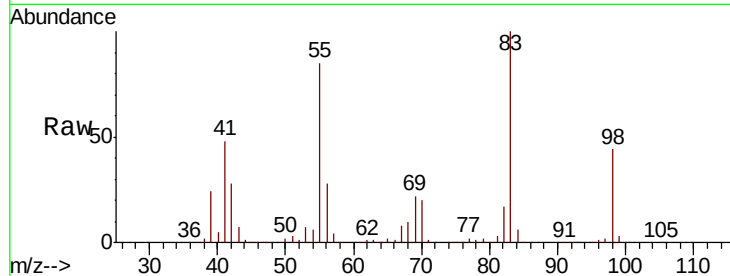




#39
Methylvlcyclohexane
Concen: 19.984 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

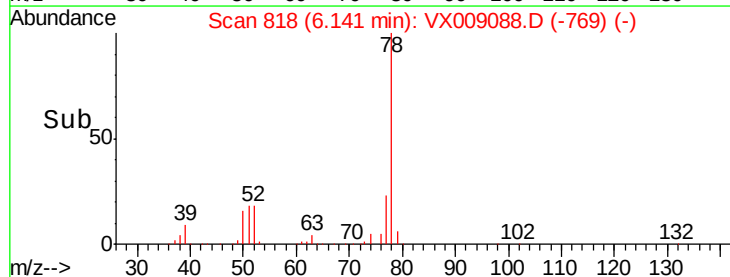
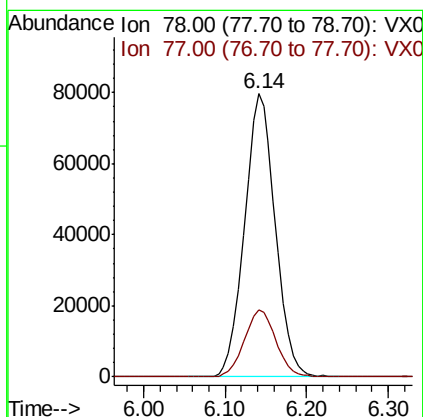
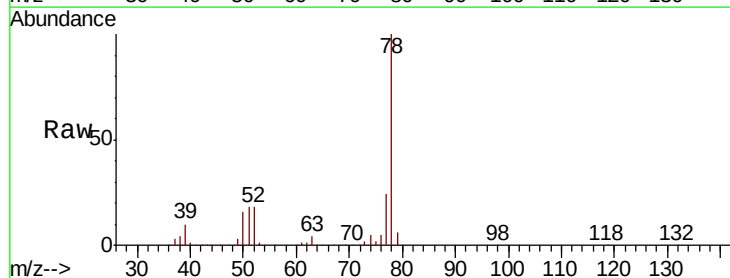
Instrument :
MSVOA_X
ClientSampled :
VX0422WBS01

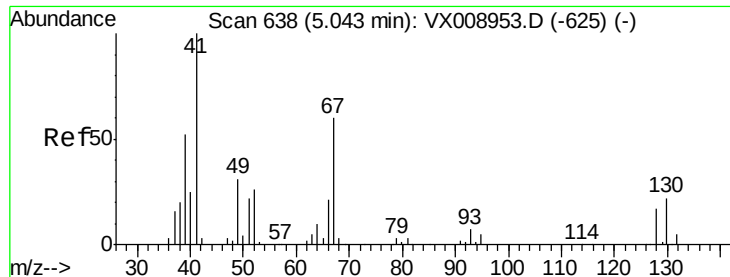
Tot Ion: 83 Resp: 84768
Ion Ratio Lower Upper
83 100
55 84.9 67.1 100.7
98 43.7 35.1 52.7



#40
Benzene
Concen: 20.295 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 78 Resp: 208596
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41

Methacrylonitrile

Concen: 20.258 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 41 Resp: 52122

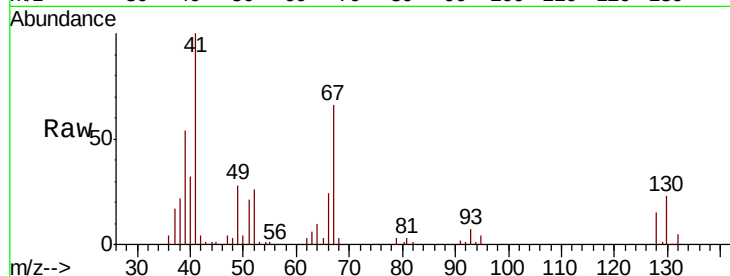
Ion Ratio Lower Upper

41 100

39 54.0 41.8 62.6

67 65.9 50.2 75.4

52 26.9 21.1 31.7

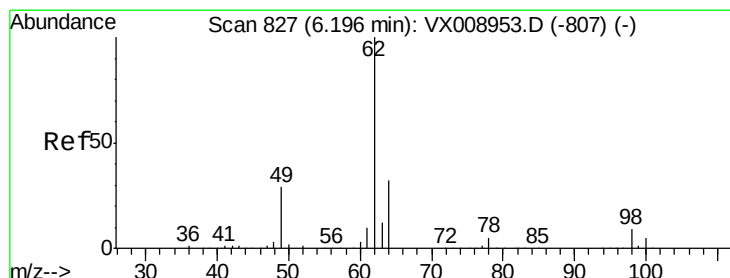
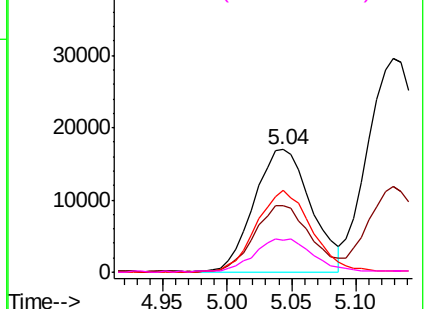
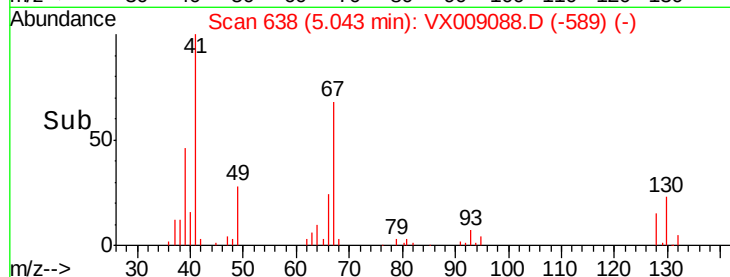


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.239 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009088.D

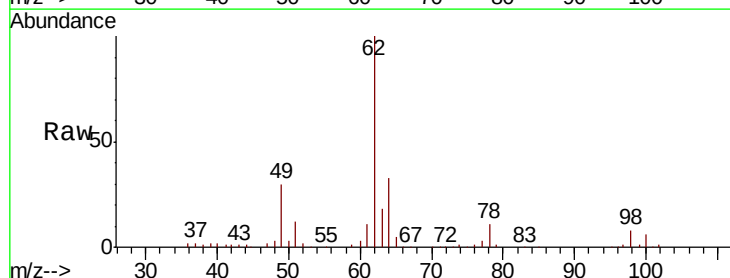
Acq: 22 Apr 2019 11:42

Tgt Ion: 62 Resp: 73686

Ion Ratio Lower Upper

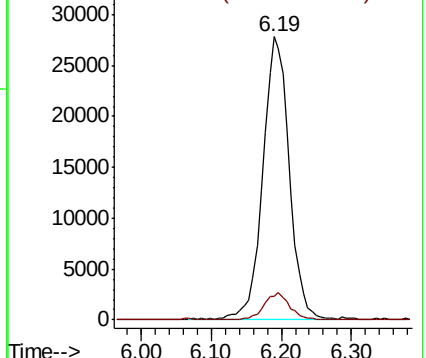
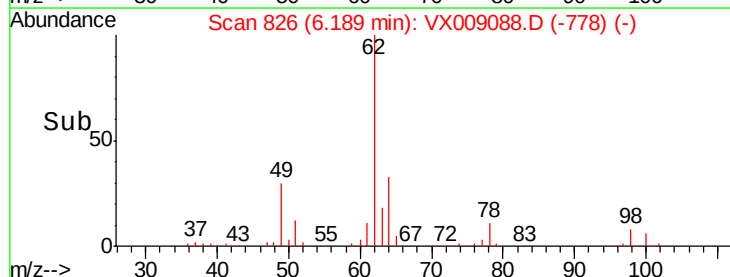
62 100

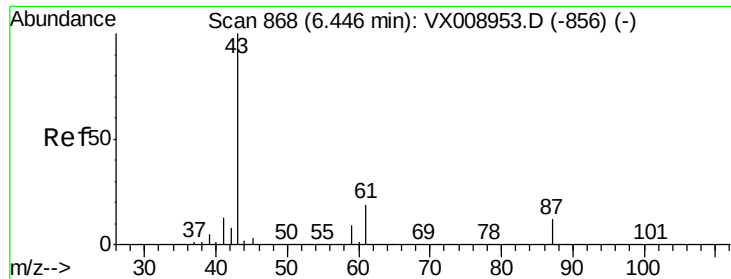
98 9.2 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



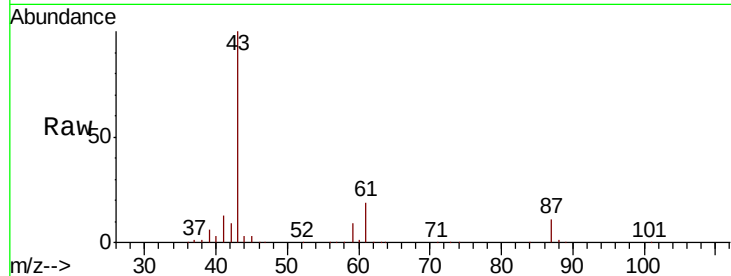


#43

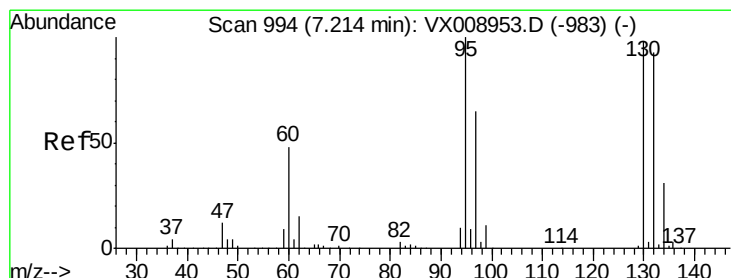
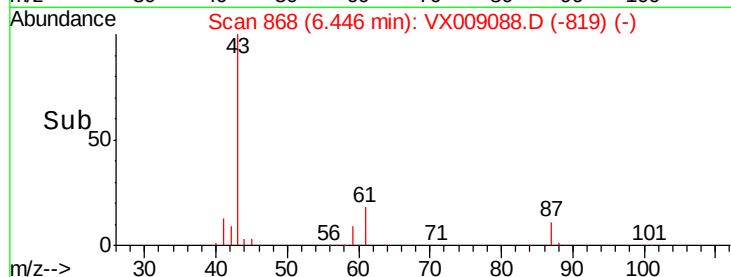
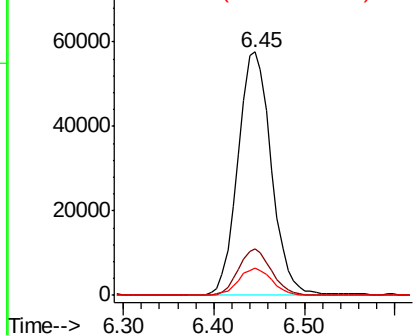
Isopropyl Acetate
 Concen: 20.403 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion: 43 Resp: 147402
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.4 23.0
 87 11.2 9.0 13.4



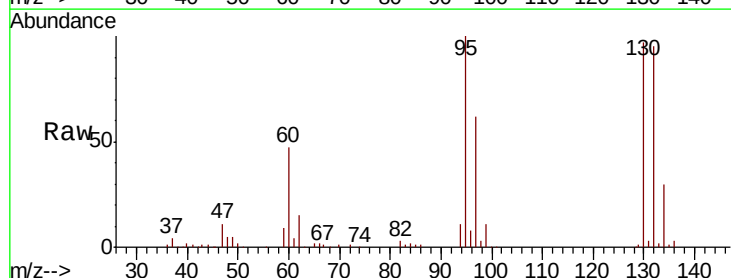
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



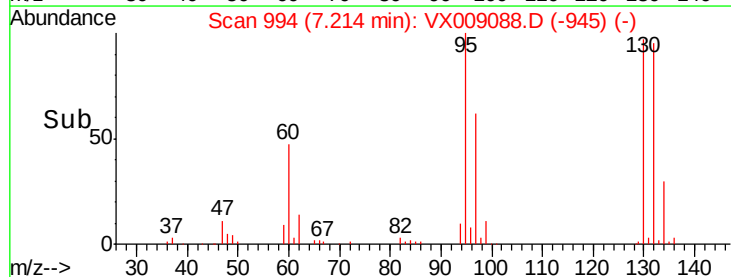
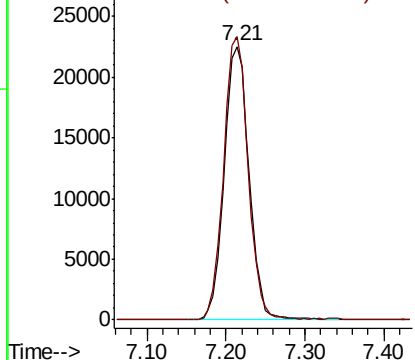
#44

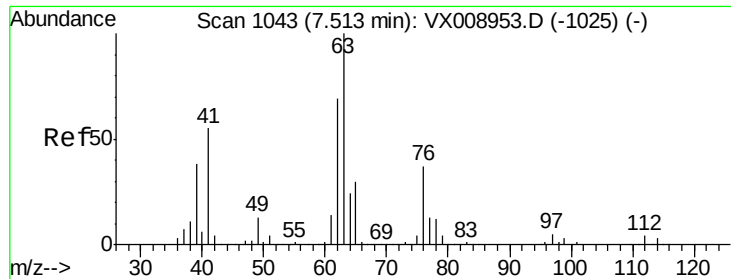
Trichloroethene
 Concen: 19.612 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion:130 Resp: 49390
 Ion Ratio Lower Upper
 130 100
 95 103.6 0.0 203.2



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

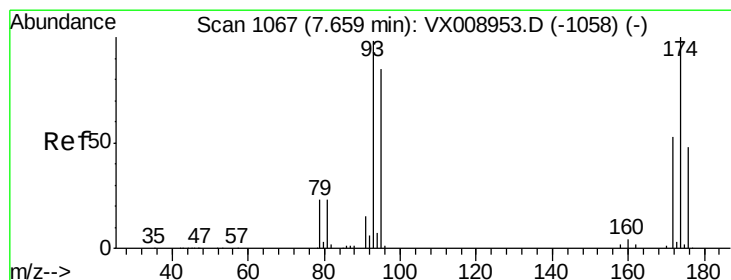
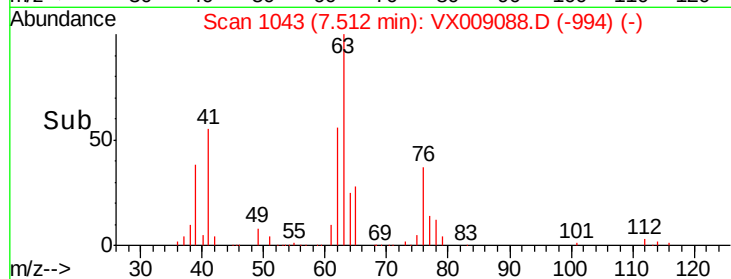
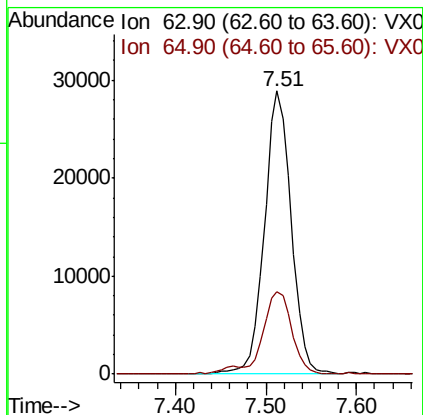
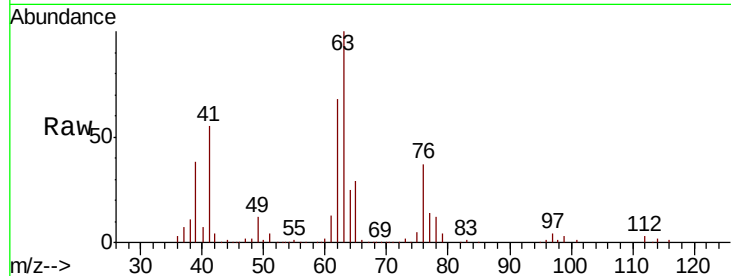




#45
 1,2-Dichloropropane
 Concen: 20.690 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

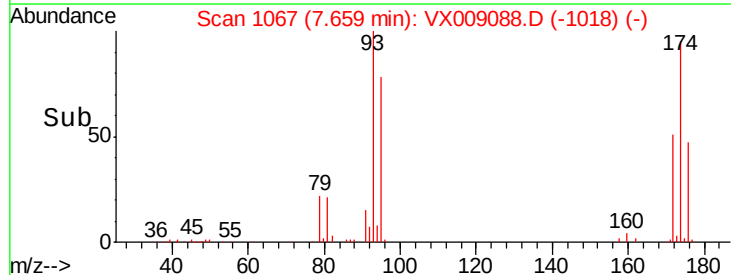
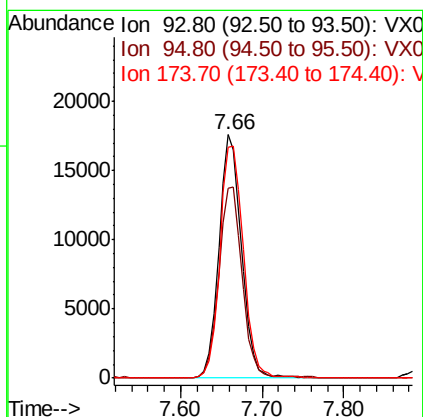
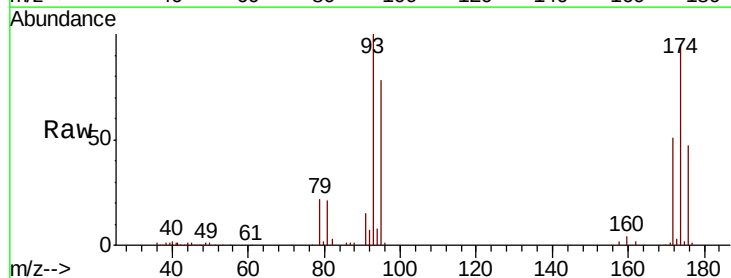
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

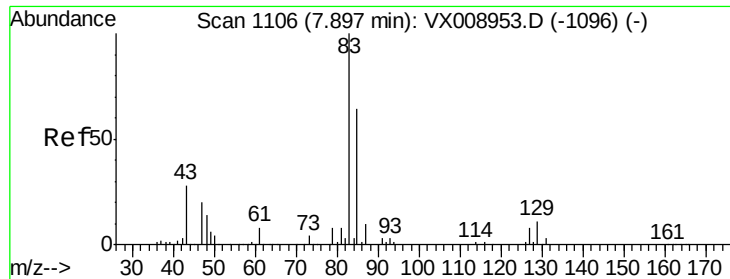
Tot Ion: 63 Resp: 58996
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.1 36.1



#46
 Dibromomethane
 Concen: 20.356 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 93 Resp: 33779
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.0 100.4
 174 99.3 81.6 122.4





#47

Bromodichloromethane

Concen: 20.305 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

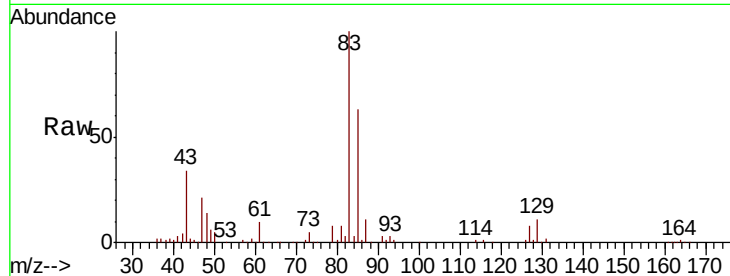
Tot Ion: 83 Resp: 66087

Ion Ratio Lower Upper

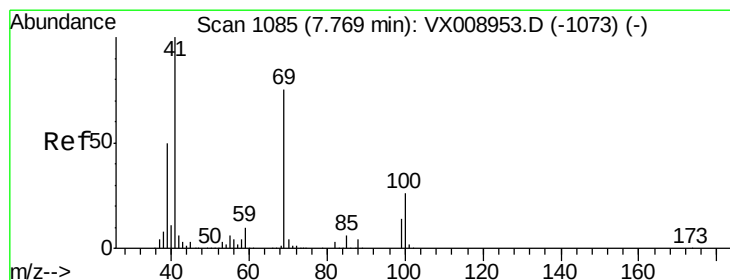
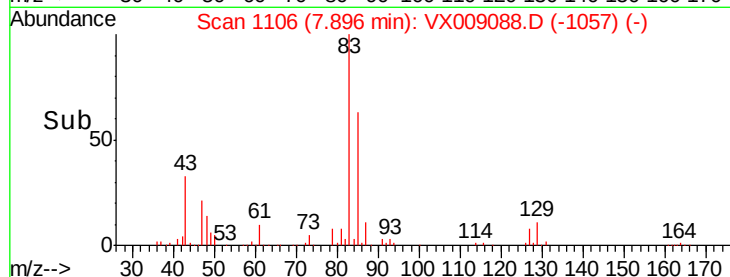
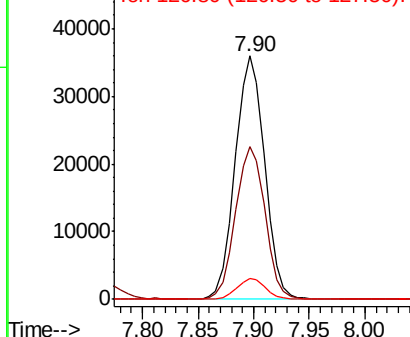
83 100

85 62.6 50.8 76.2

127 8.5 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: 20.724 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

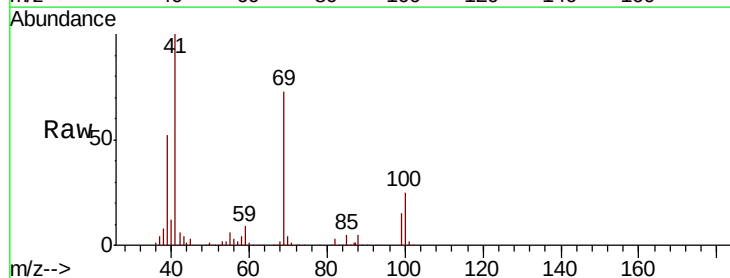
Tgt Ion: 41 Resp: 73979

Ion Ratio Lower Upper

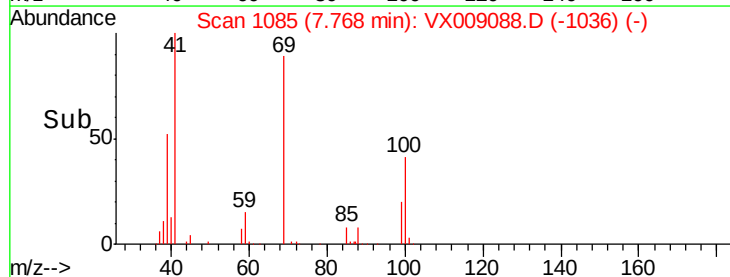
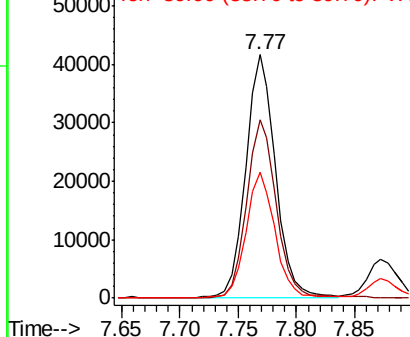
41 100

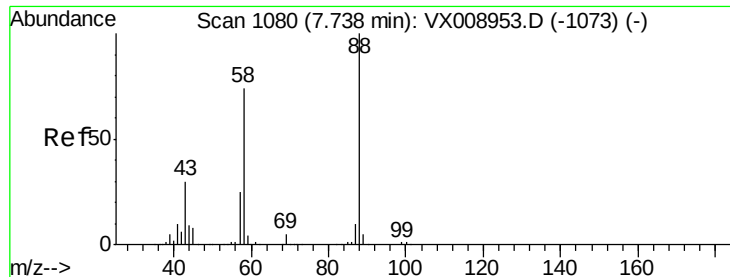
69 74.1 59.4 89.2

39 50.2 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

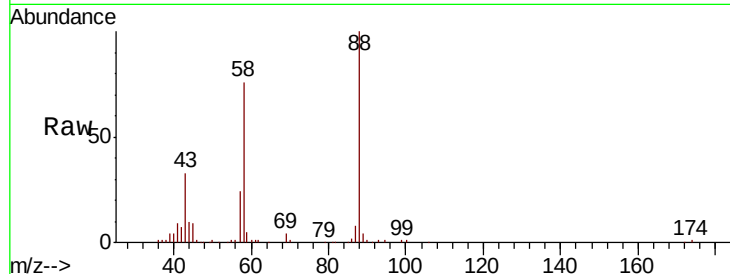




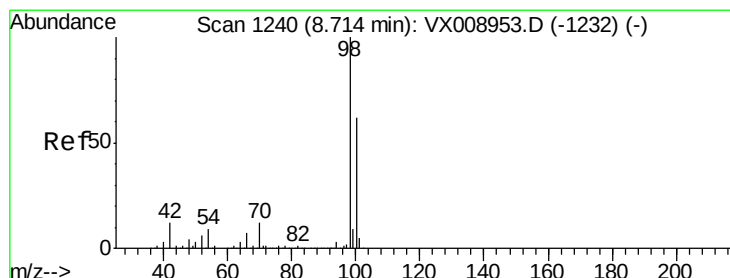
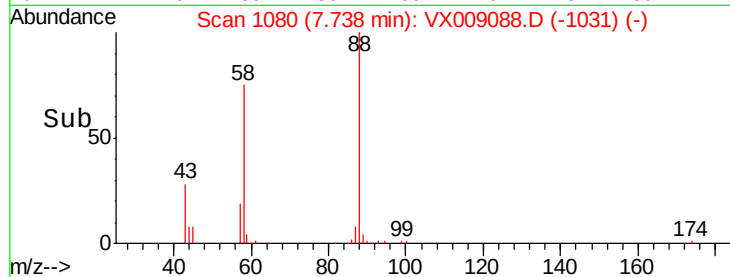
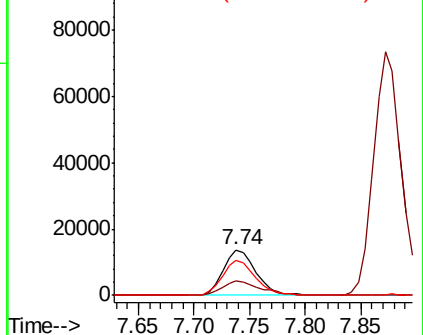
#49
1,4-Dioxane
Concen: 416.562 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion: 88 Resp: 27832
Ion Ratio Lower Upper
88 100
43 36.4 29.3 43.9
58 79.6 62.6 93.8

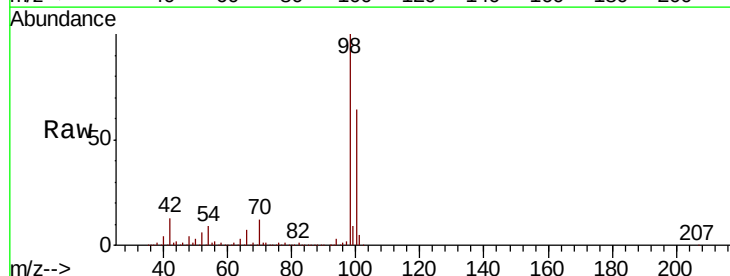


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

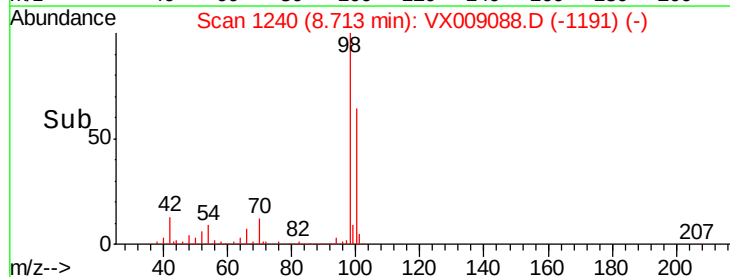
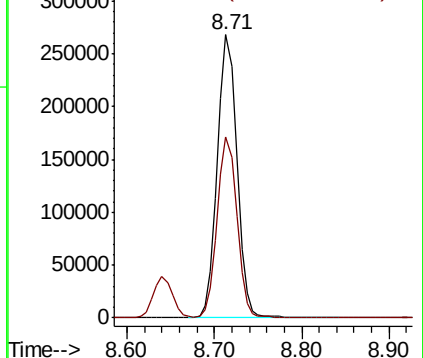


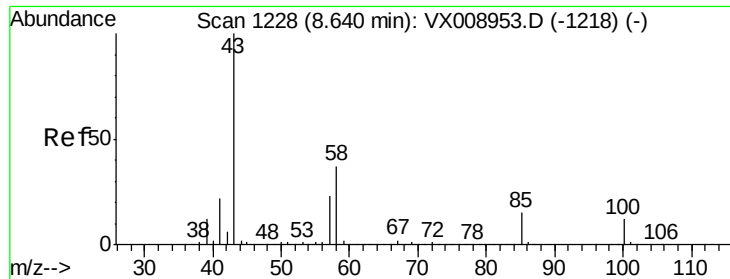
#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 98 Resp: 417954
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2



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

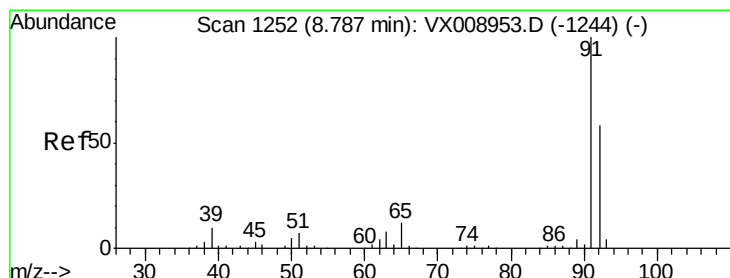
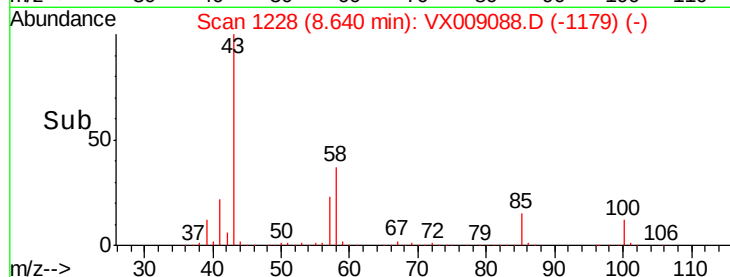
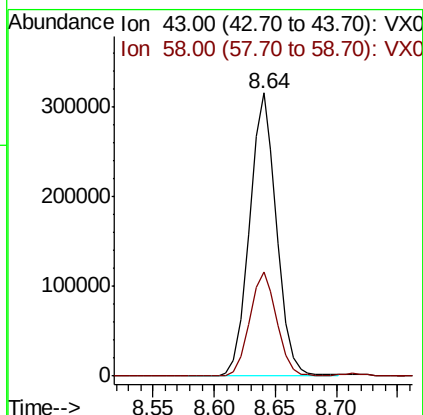
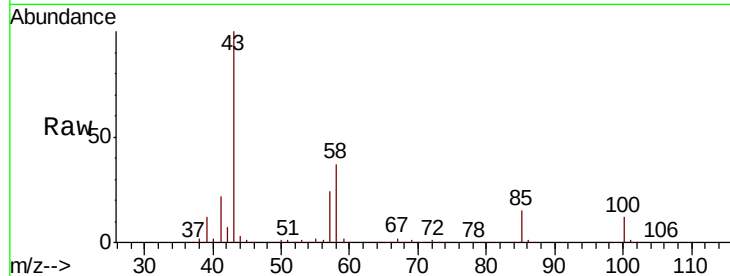




#51
4-Methyl-2-Pentanone
Concen: 104.935 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

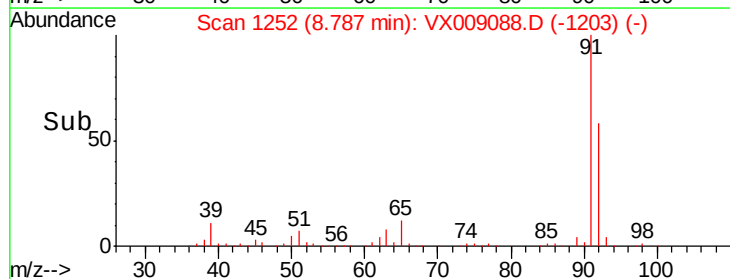
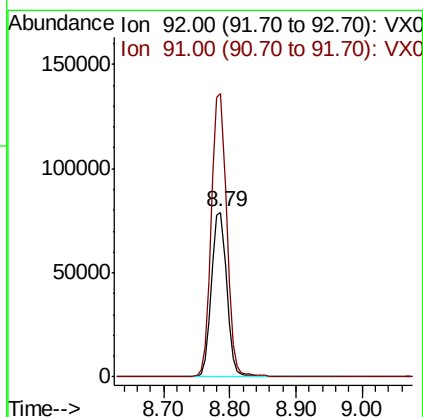
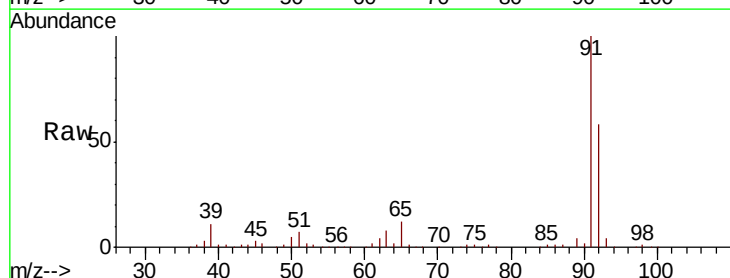
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

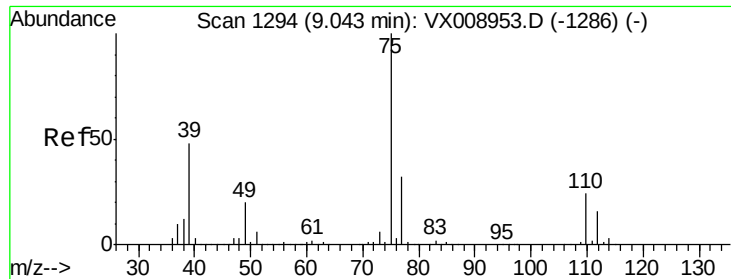
Tot Ion: 43 Resp: 482969
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6



#52
Toluene
Concen: 20.646 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 92 Resp: 127174
Ion Ratio Lower Upper
92 100
91 172.8 138.5 207.7

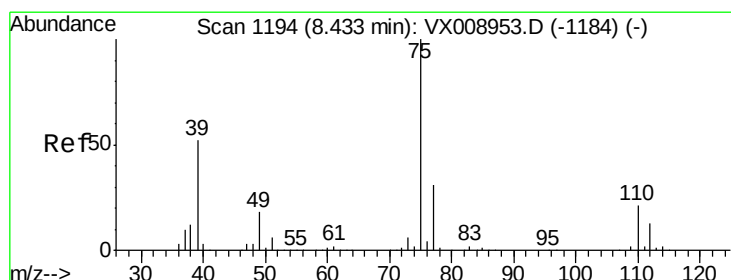
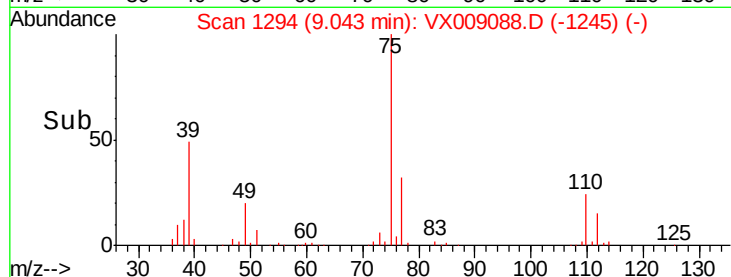
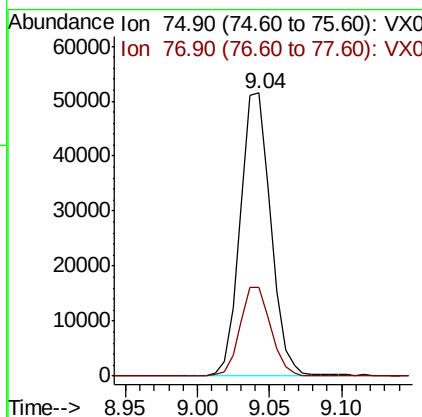
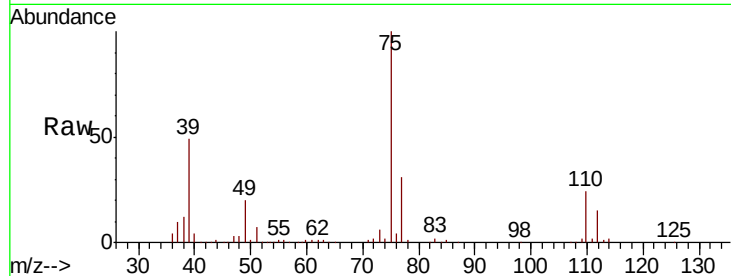




#53
t-1,3-Dichloropropene
Concen: 20.293 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

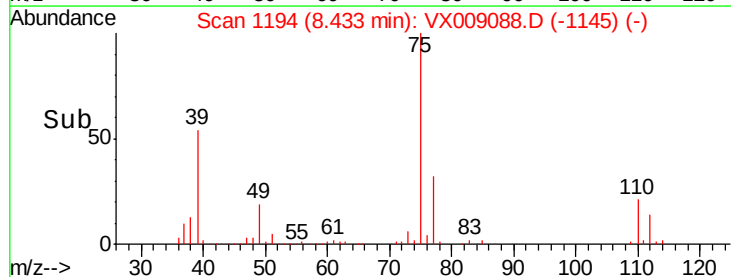
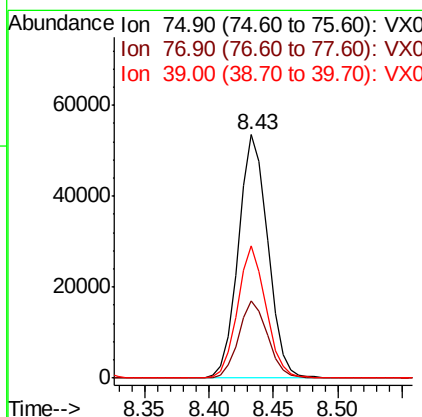
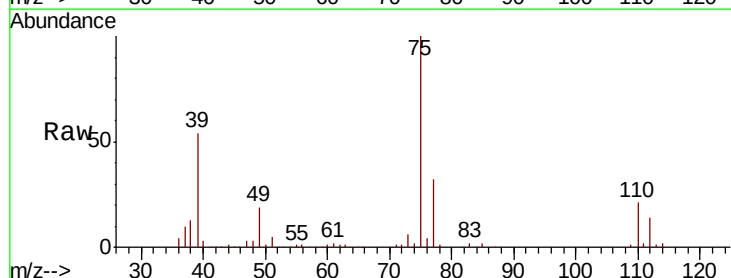
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

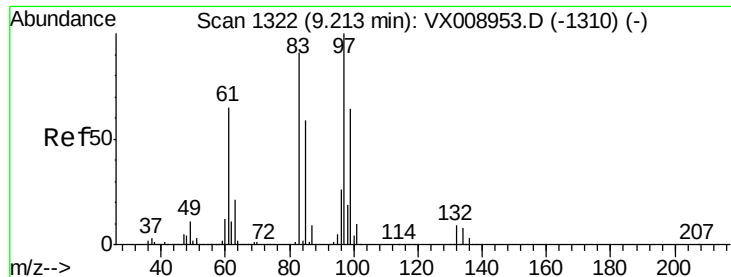
Tot Ion: 75 Resp: 76011
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.188 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 75 Resp: 84674
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 54.2 41.8 62.6

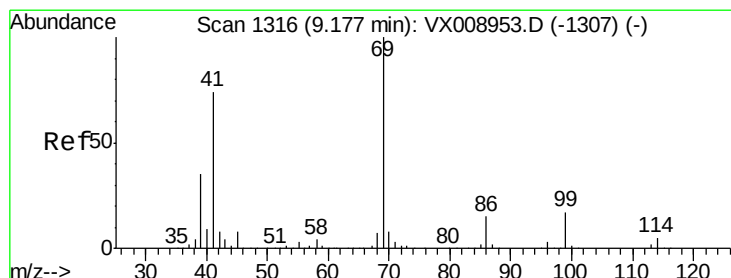
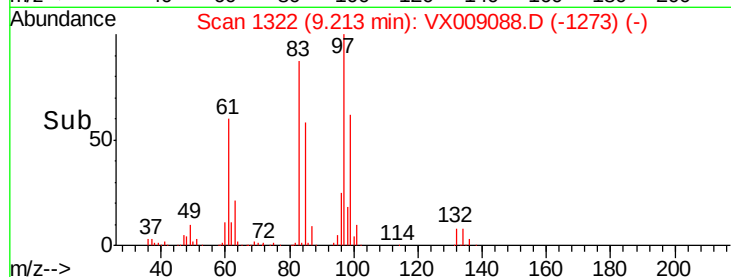
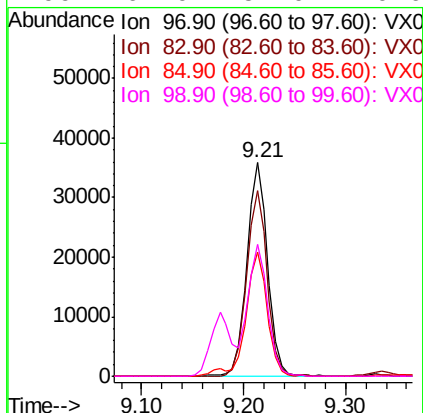
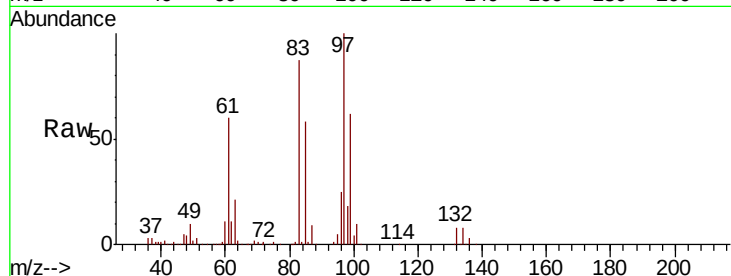




#55
 1,1,2-Trichloroethane
 Concen: 20.788 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

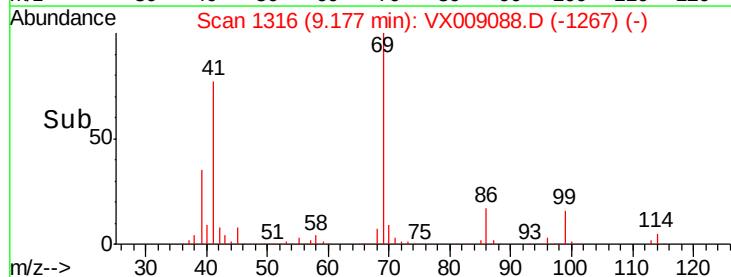
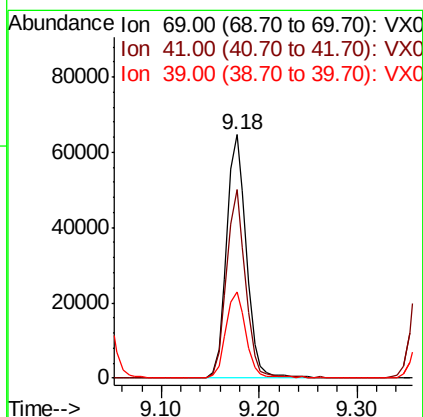
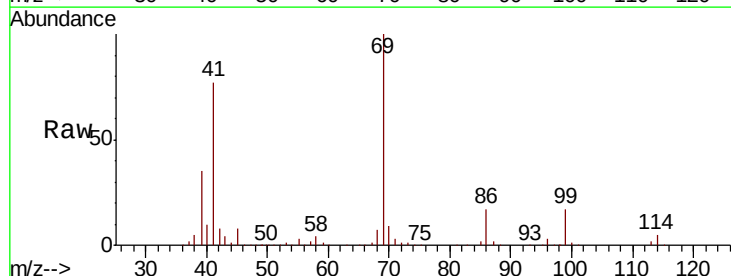
Instrument :
 MSVOA_X
 ClientSampled :
 VX0422WBS01

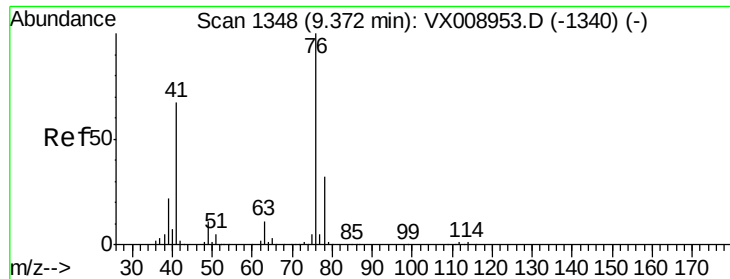
Tot Ion	97	Resp	50750
Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.6	108.8
85	58.4	46.9	70.3
99	62.0	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 20.783 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	69	Resp	90978
Ion	Ratio	Lower	Upper
69	100		
41	74.0	60.2	90.2
39	35.8	27.9	41.9





#57

1,3-Dichloropropane

Concen: 20.750 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

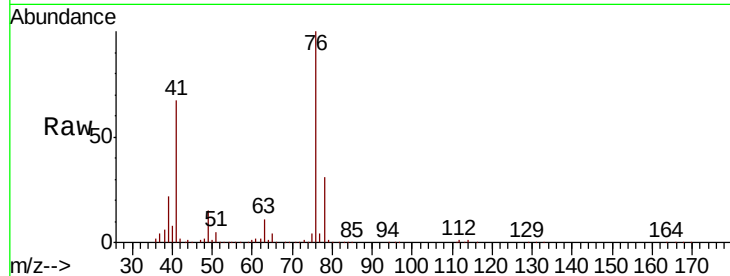
VX0422WBS01

Tot Ion: 76 Resp: 90196

Ion Ratio Lower Upper

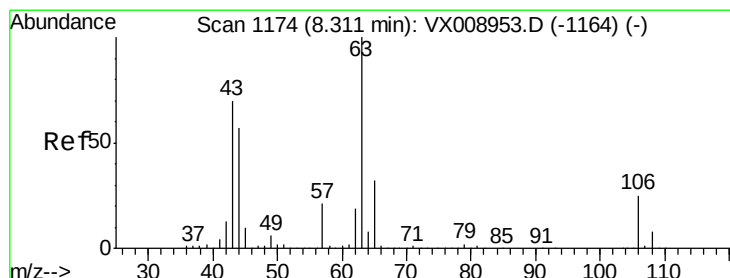
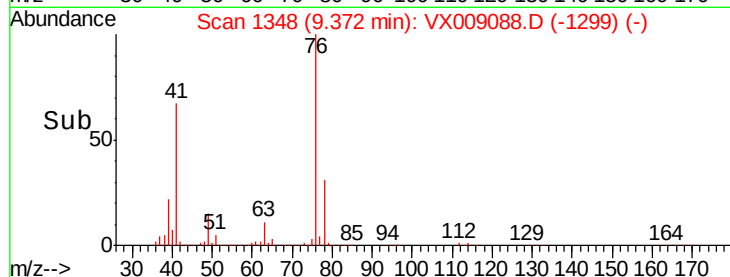
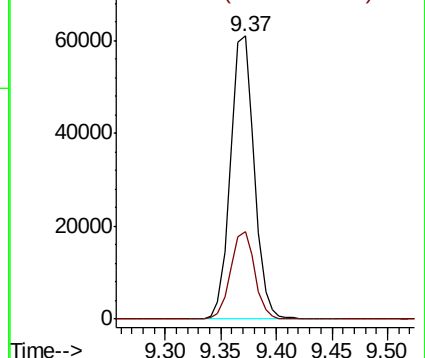
76 100

78 31.3 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: 95.650 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009088.D

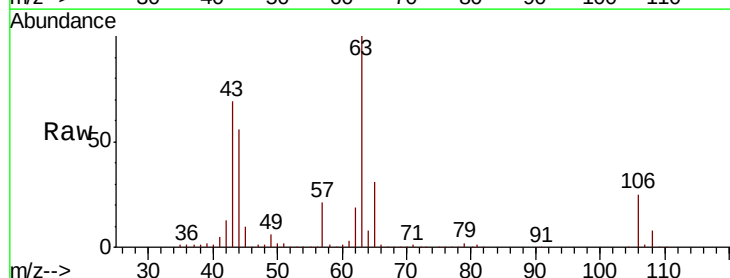
Acq: 22 Apr 2019 11:42

Tgt Ion: 63 Resp: 225474

Ion Ratio Lower Upper

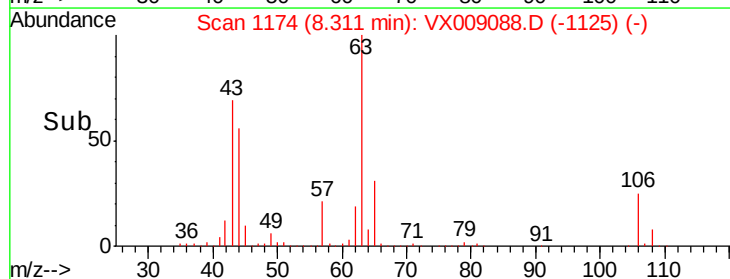
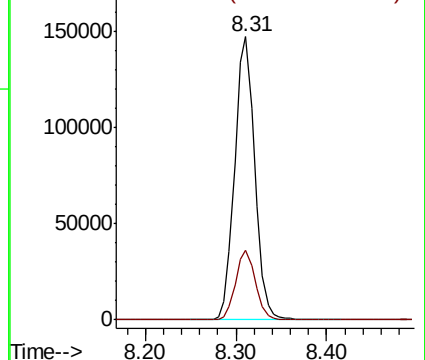
63 100

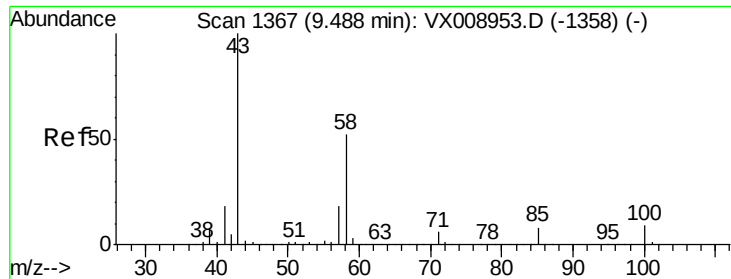
106 24.5 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

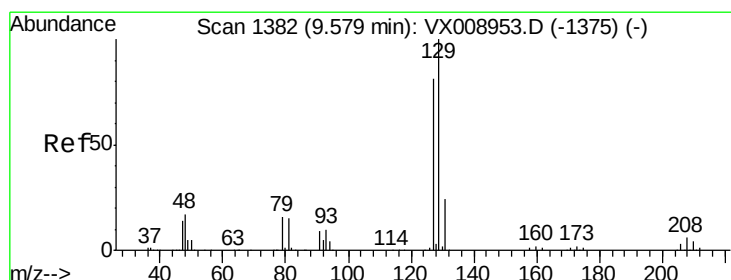
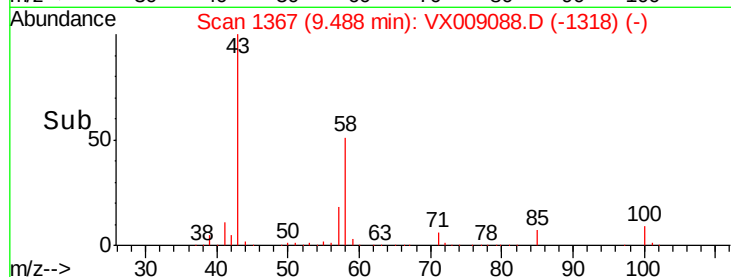
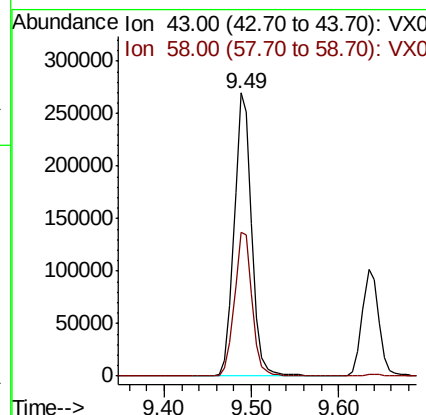
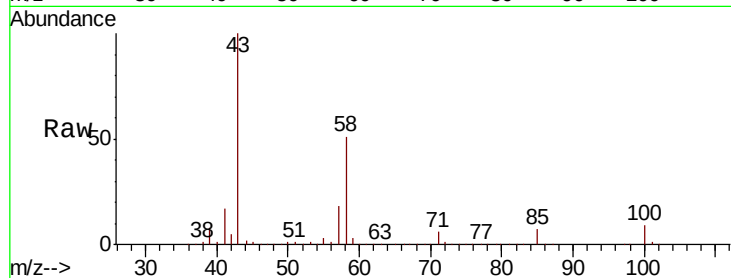




#59
2-Hexanone
Concen: 105.399 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

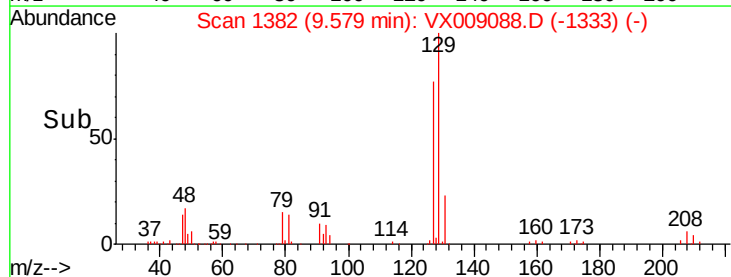
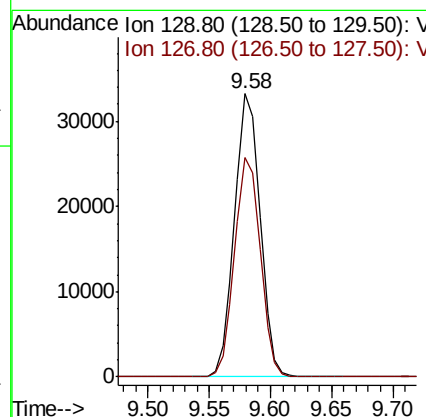
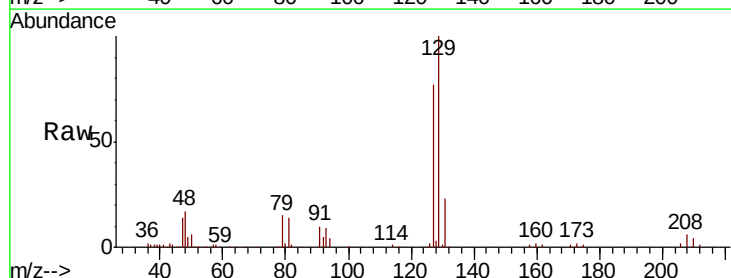
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

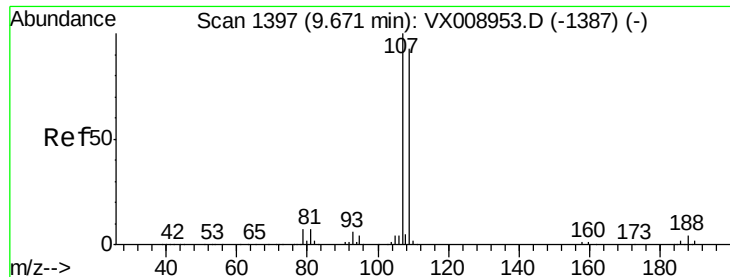
Tot Ion: 43 Resp: 374007
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 20.534 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 129 Resp: 48045
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

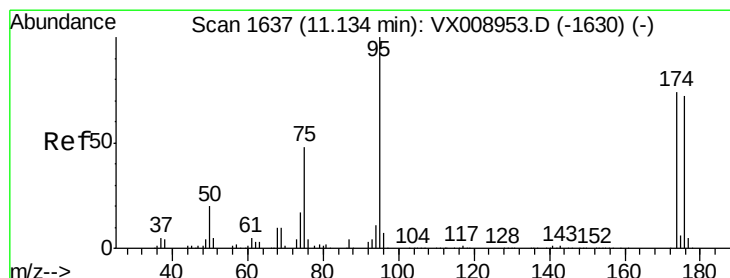
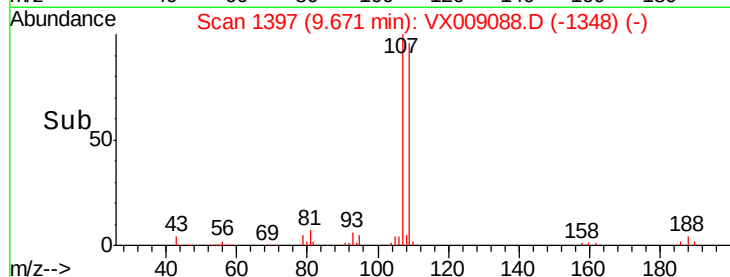
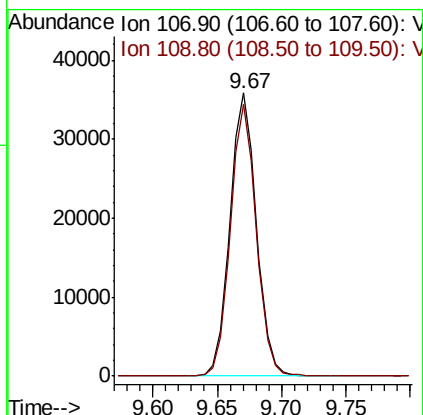
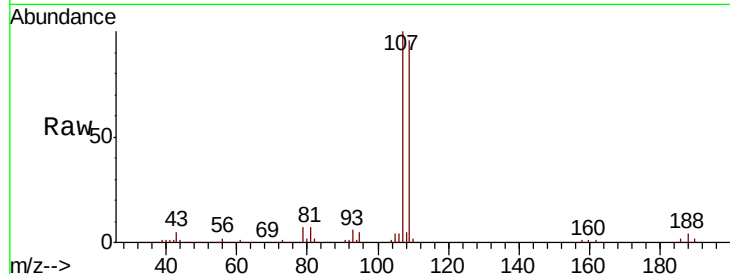




#61
 1,2-Dibromoethane
 Concen: 20.419 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

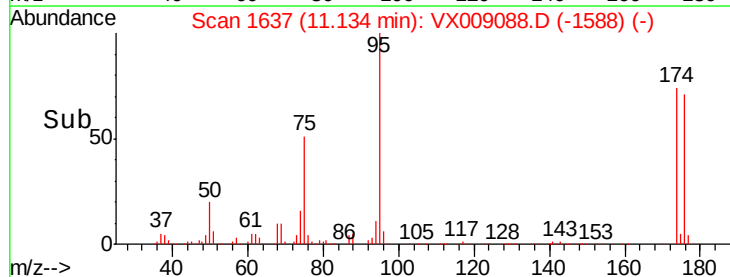
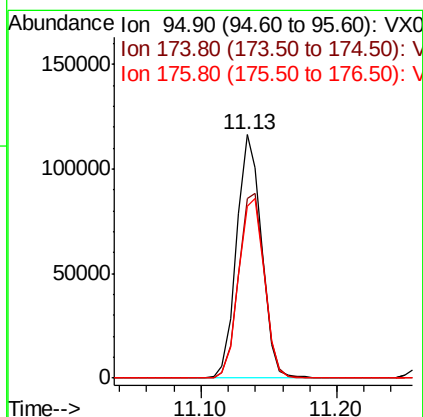
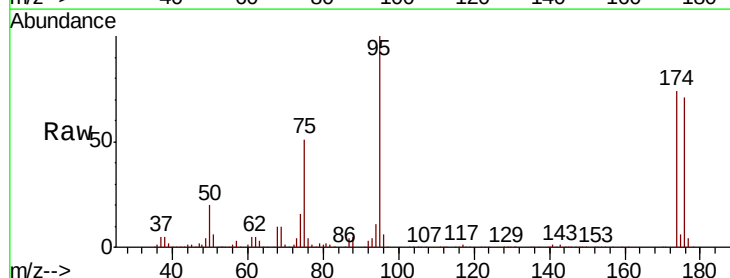
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

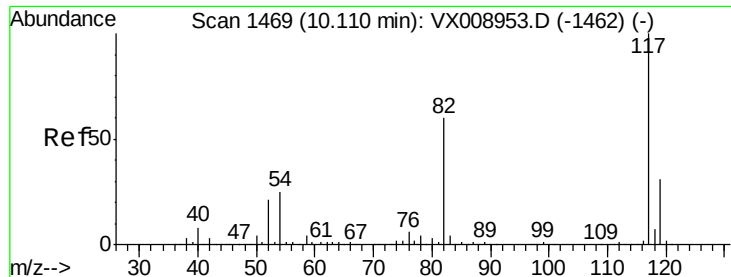
Tot Ion:107 Resp: 51449
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 48.604 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 95 Resp: 147930
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 159.6
 176 76.8 0.0 154.8

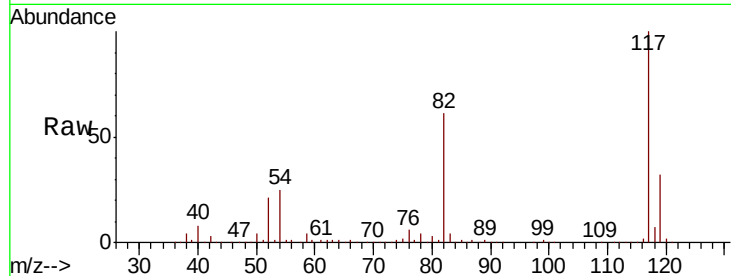




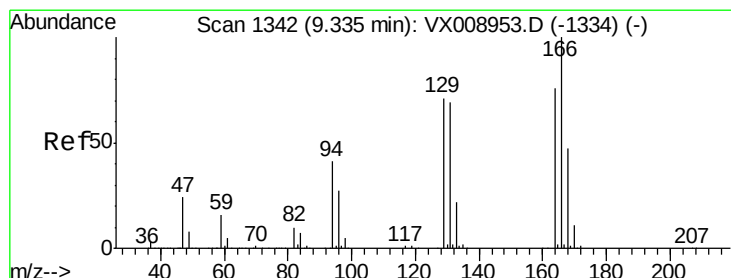
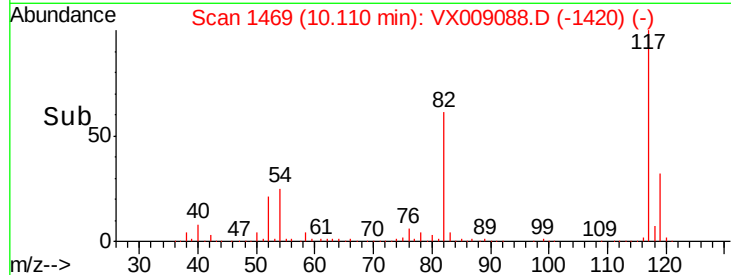
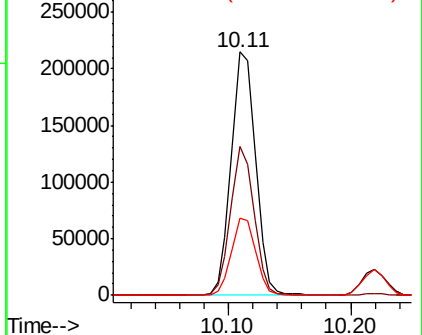
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion:117 Resp: 297856
Ion Ratio Lower Upper
117 100
82 61.0 48.2 72.4
119 31.9 25.0 37.6

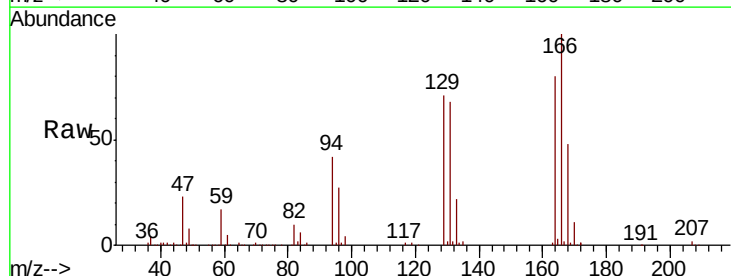


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

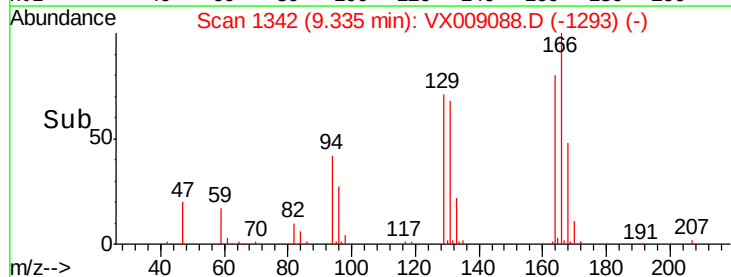
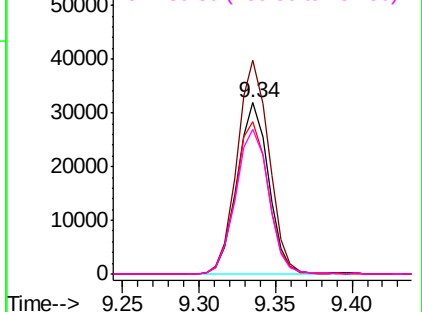


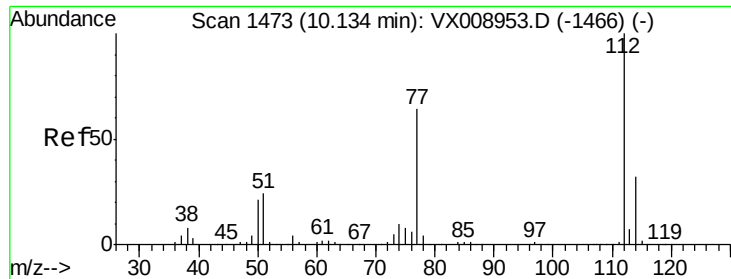
#64
Tetrachloroethene
Concen: 20.229 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion:164 Resp: 45773
Ion Ratio Lower Upper
164 100
166 125.0 105.0 157.4
129 89.3 74.2 111.4
131 84.4 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

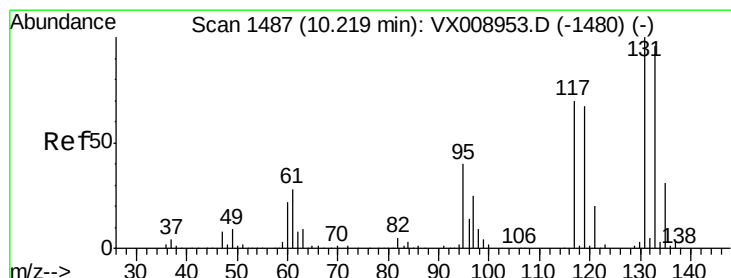
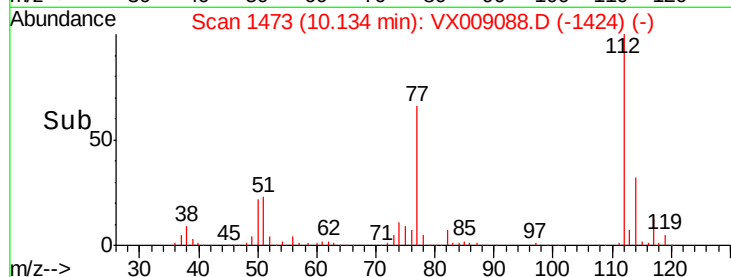
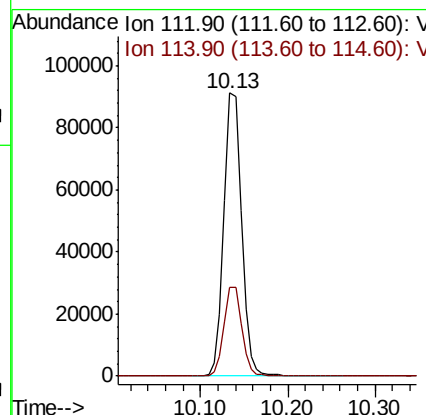
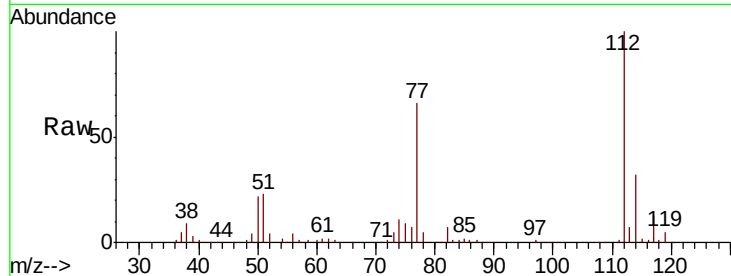




#65
Chlorobenzene
Concen: 20.423 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

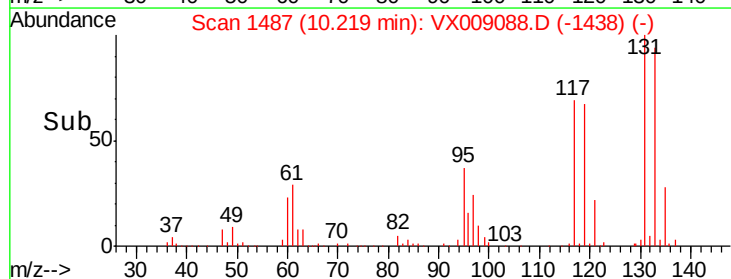
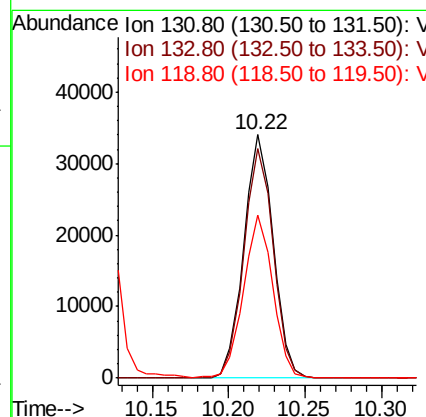
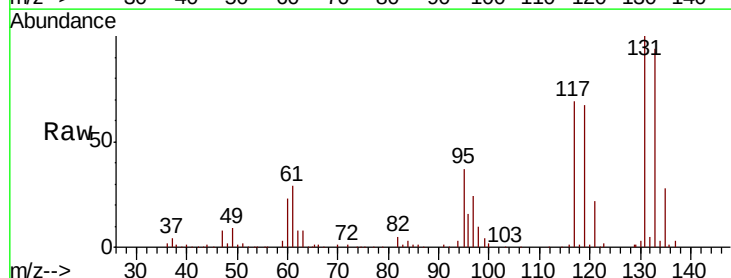
Instrument :
MSVOA_X
ClientSampled :
VX0422WBS01

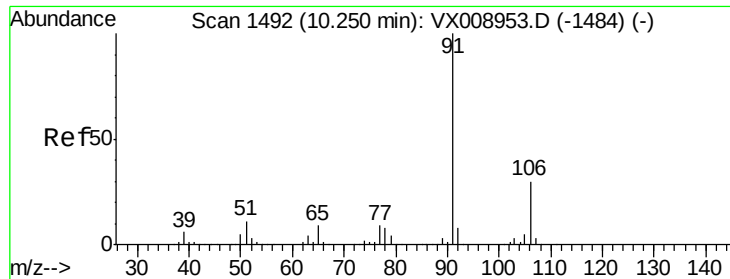
Tot Ion:112 Resp: 128396
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.536 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion:131 Resp: 45482
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 67.2 33.7 101.1

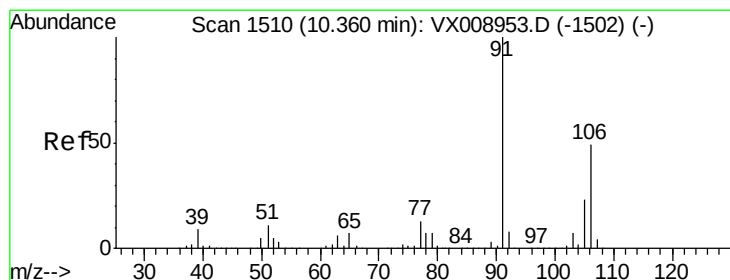
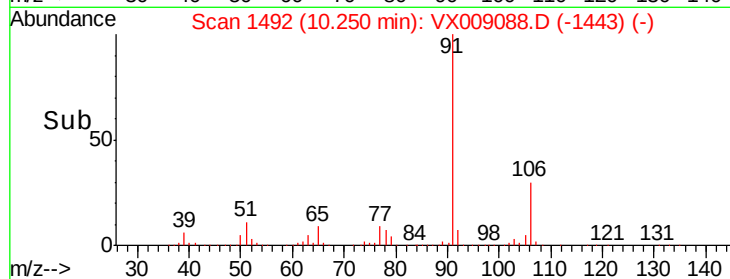
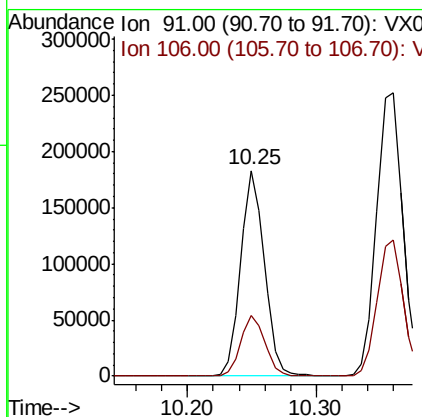
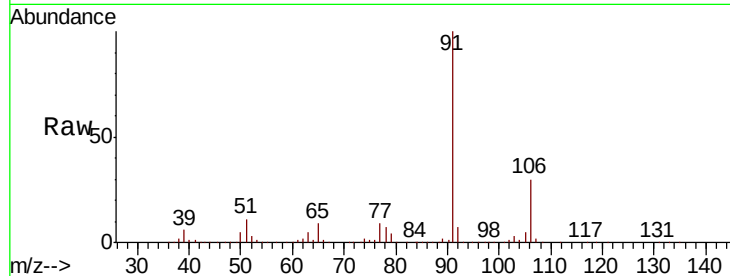




#67
Ethyl Benzene
Concen: 20.436 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

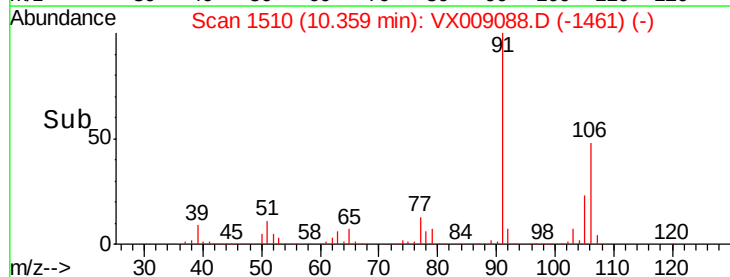
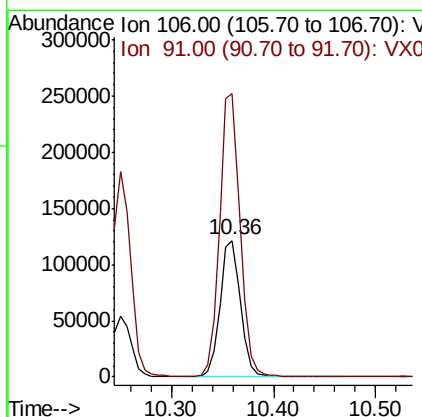
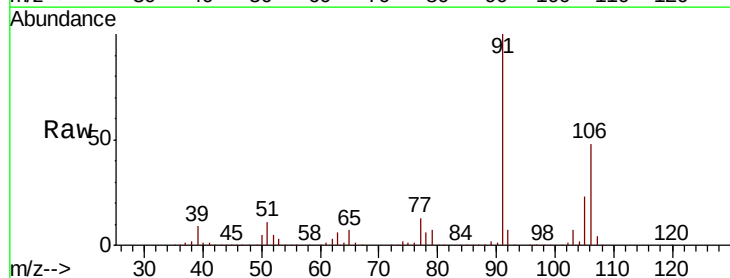
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

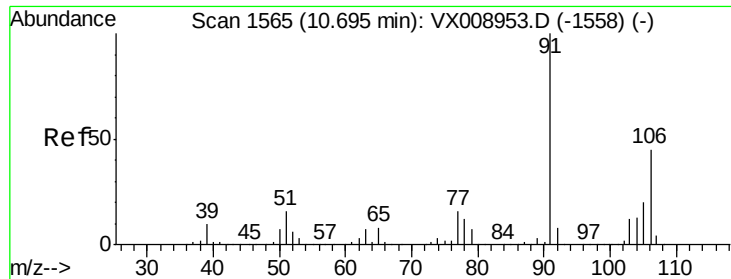
Tot Ion: 91 Resp: 234869
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 40.692 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 106 Resp: 169961
Ion Ratio Lower Upper
106 100
91 209.4 165.4 248.2

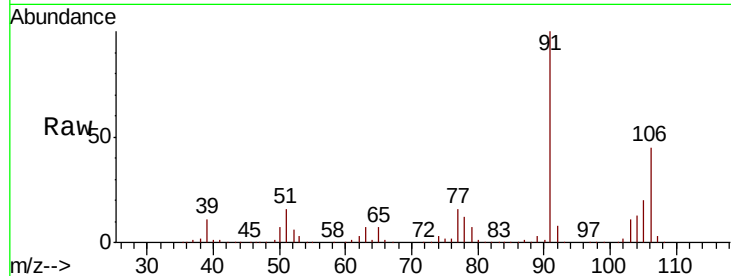




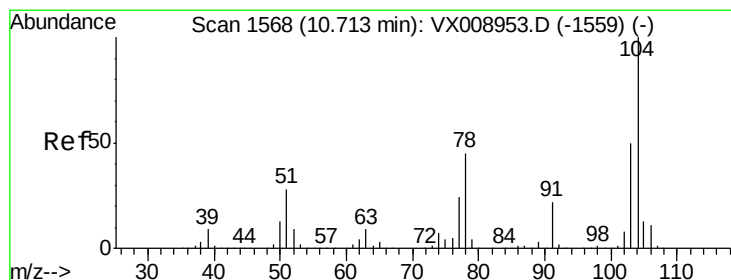
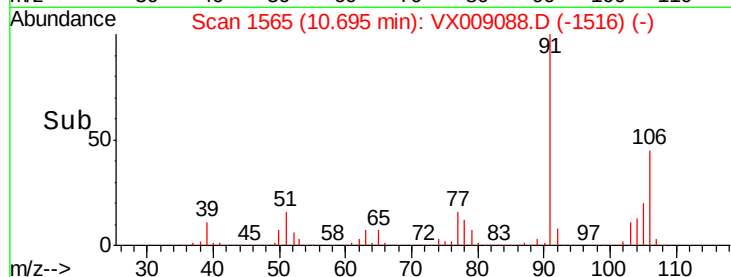
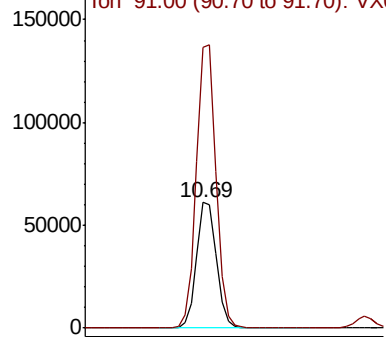
#69
o-Xylene
Concen: 20.365 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampled :
VX0422WBS01

Tot Ion:106 Resp: 82764
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.7

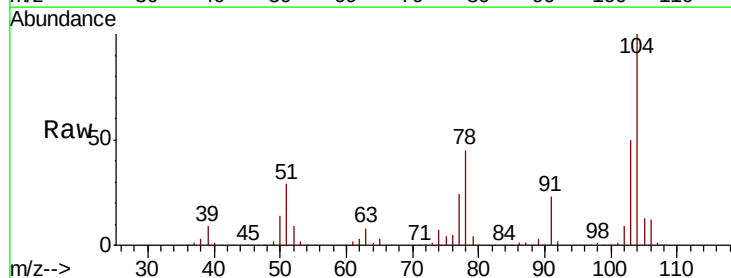


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

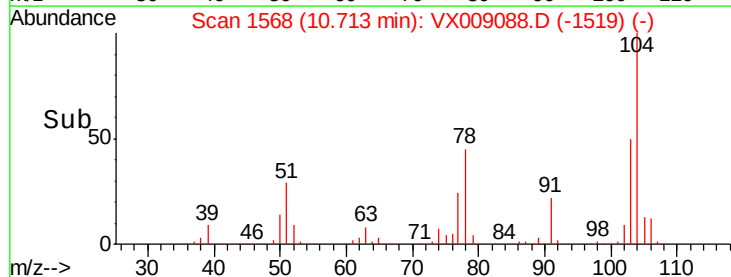
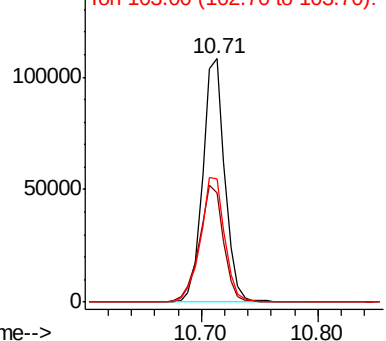


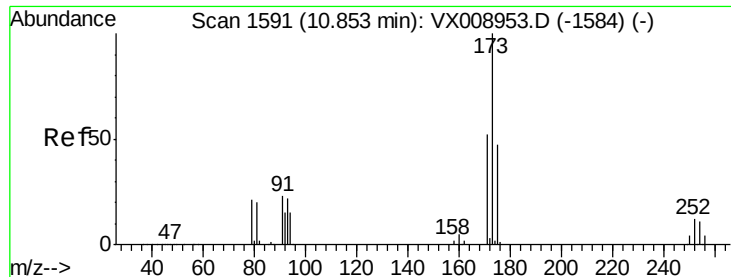
#70
Styrene
Concen: 20.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion:104 Resp: 142733
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.8 43.9 65.9



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





#71

Bromoform

Concen: 20.203 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

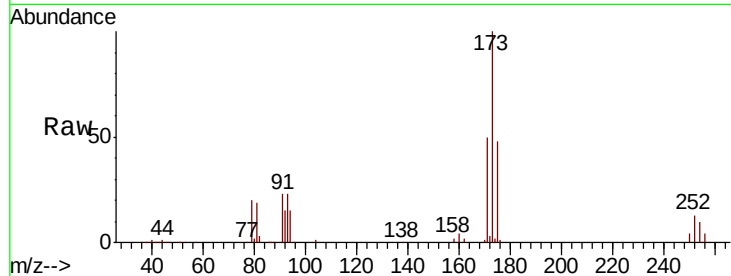
Tot Ion:173 Resp: 35648

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

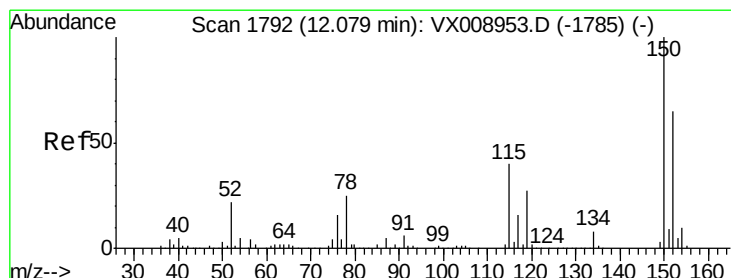
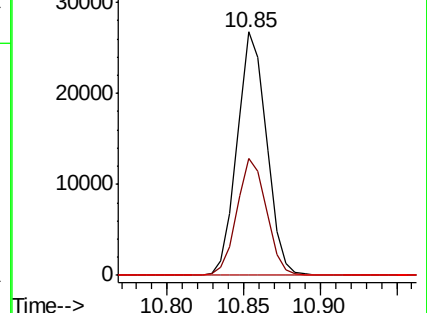
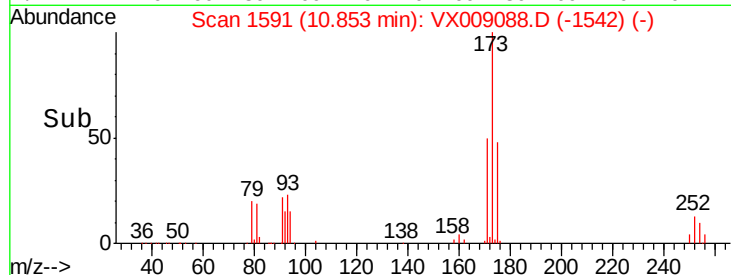
254 0.1 0.2 0.4#



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: VX009088.D

Acq: 22 Apr 2019 11:42

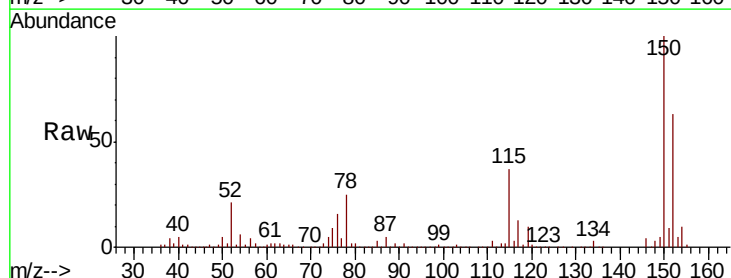
Tgt Ion:152 Resp: 139700

Ion Ratio Lower Upper

152 100

115 68.6 41.4 124.2

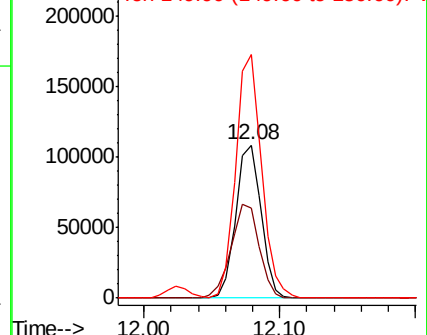
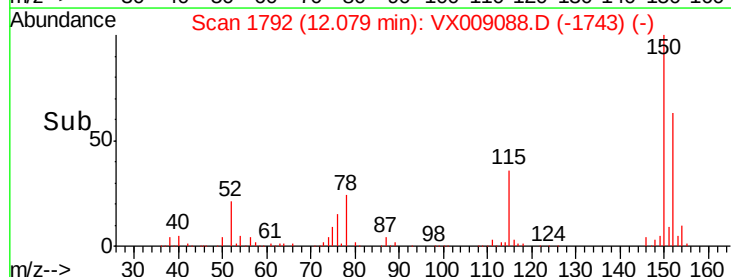
150 163.2 0.0 349.8

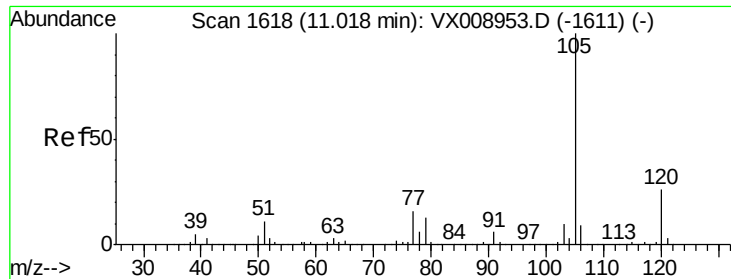


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.659 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

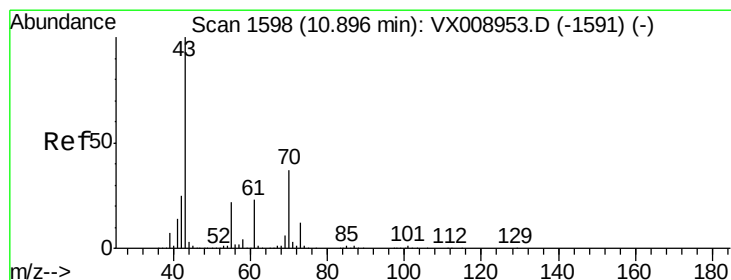
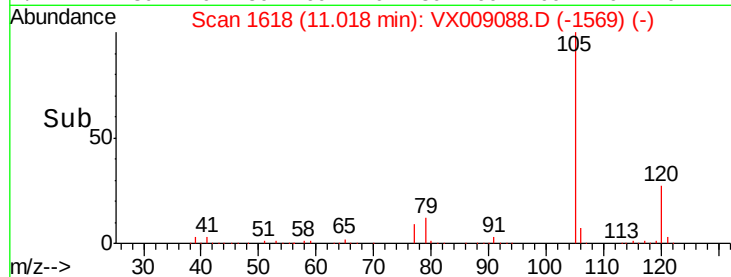
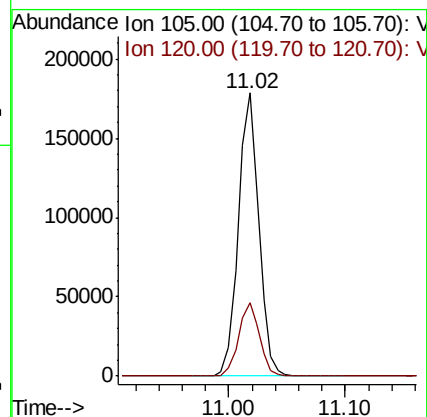
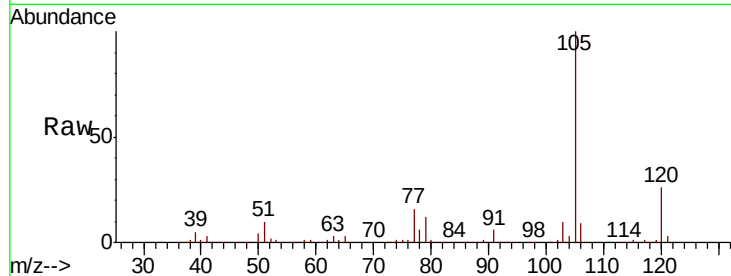
VX0422WBS01

Tot Ion:105 Resp: 218761

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7



#74

N-ethyl acetate

Concen: 21.041 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion: 43 Resp: 127929

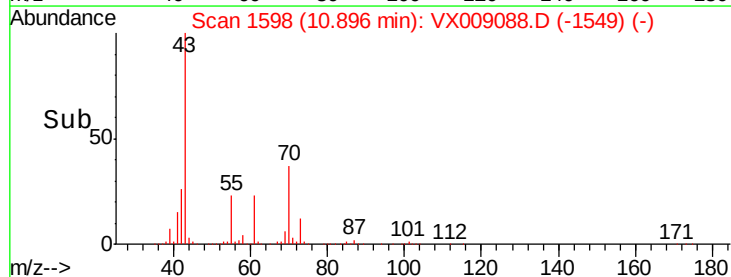
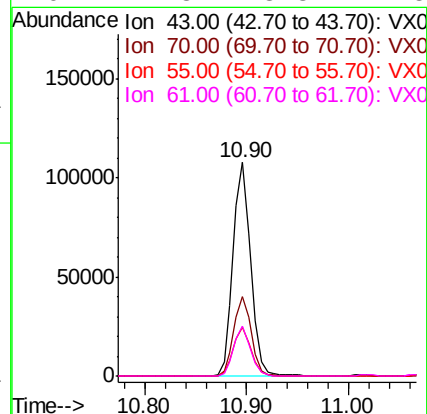
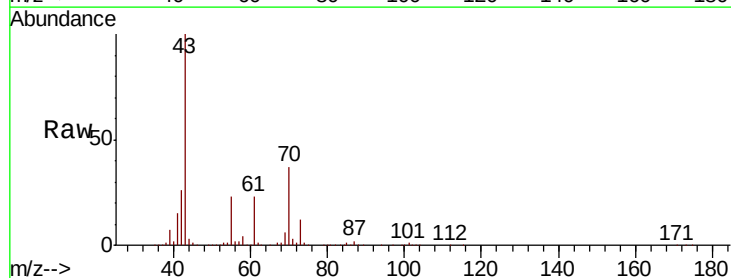
Ion Ratio Lower Upper

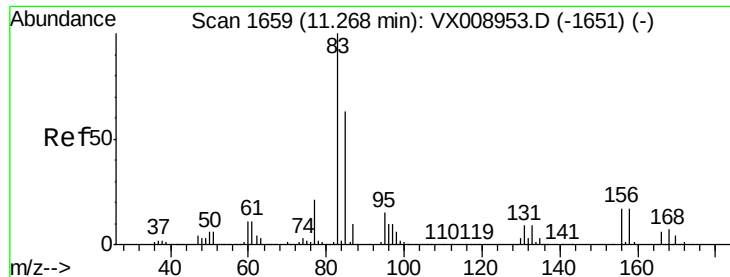
43 100

70 37.2 29.9 44.9

55 23.2 17.8 26.8

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.120 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

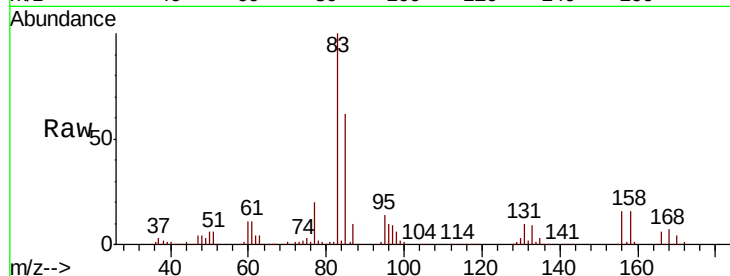
Tot Ion: 83 Resp: 81714

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.0

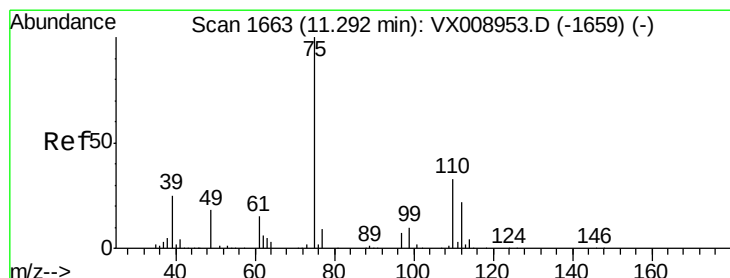
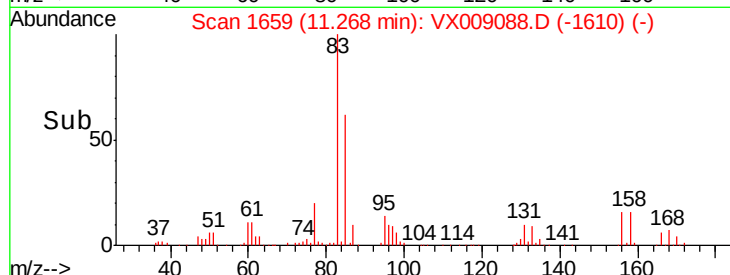
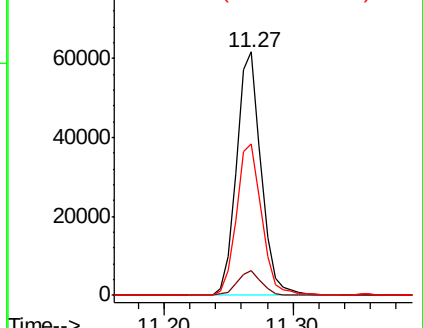
85 63.9 31.9 95.9



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: 27.501 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009088.D

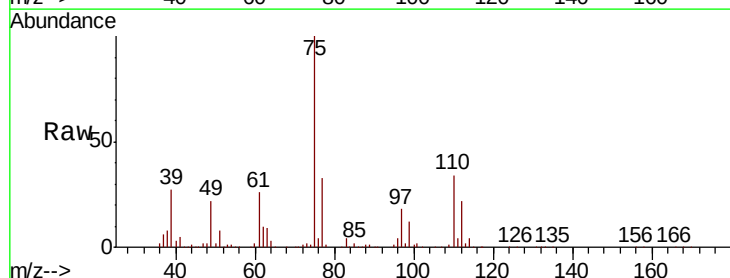
Acq: 22 Apr 2019 11:42

Tgt Ion: 75 Resp: 93810

Ion Ratio Lower Upper

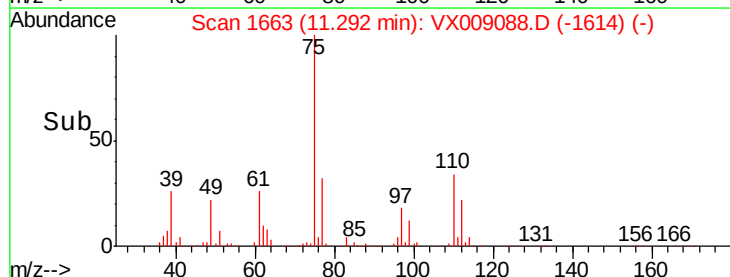
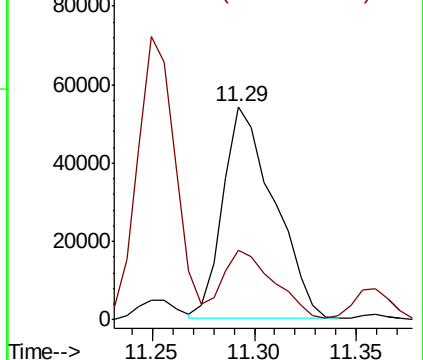
75 100

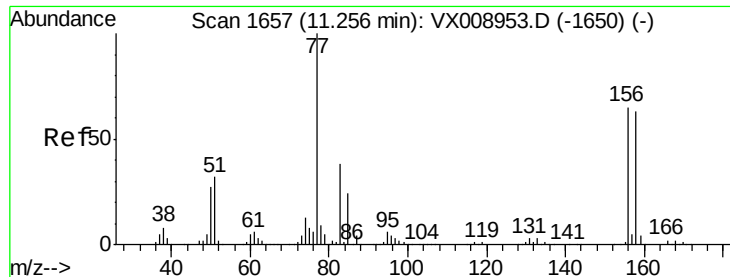
77 33.4 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.439 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0422WBS01

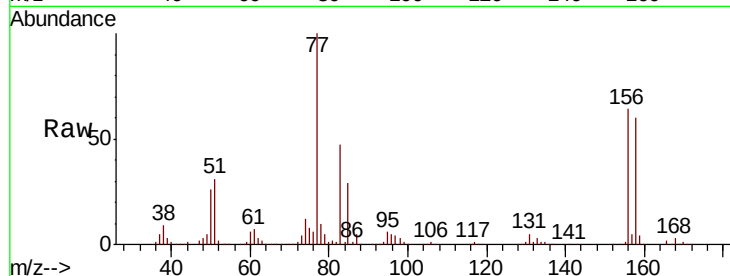
Tot Ion:156 Resp: 54607

Ion Ratio Lower Upper

156 100

77 170.6 85.4 256.1

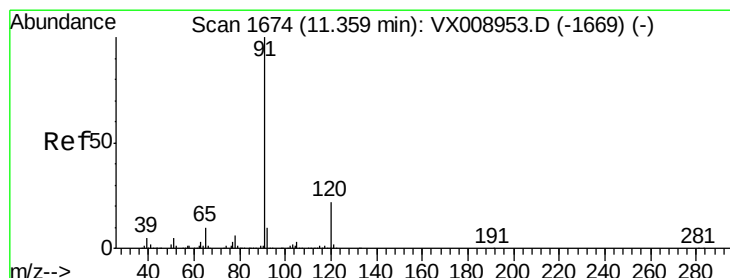
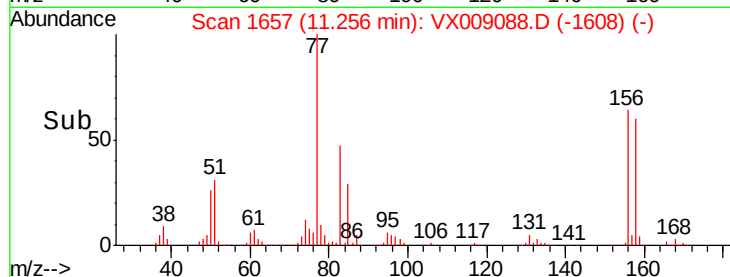
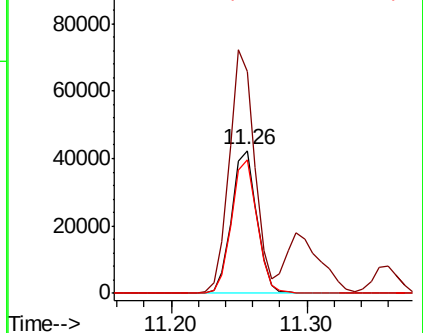
158 95.0 48.8 146.4



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: 20.684 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009088.D

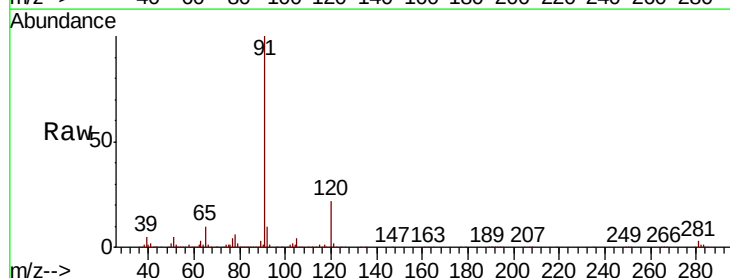
Acq: 22 Apr 2019 11:42

Tgt Ion: 91 Resp: 251391

Ion Ratio Lower Upper

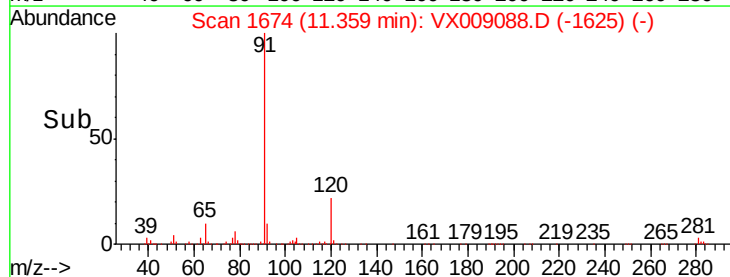
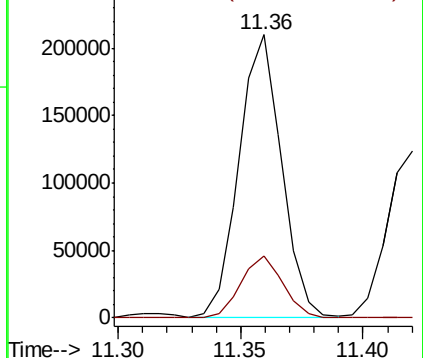
91 100

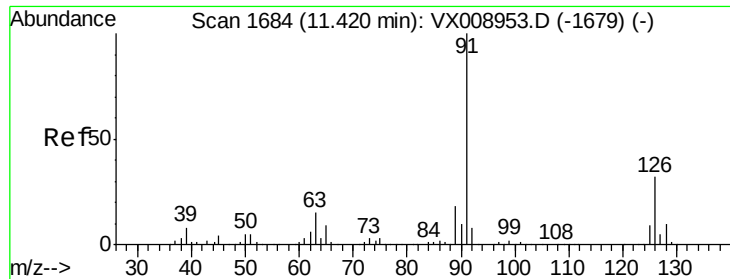
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

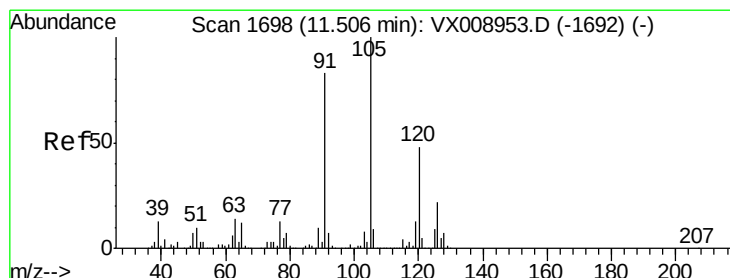
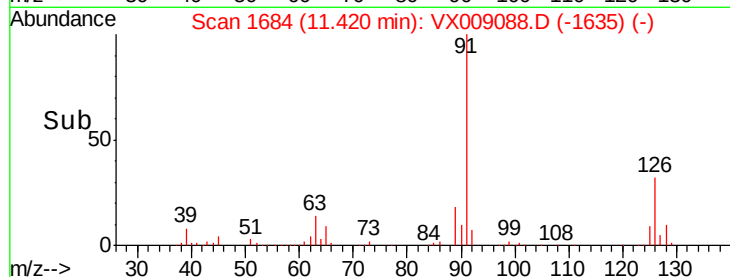
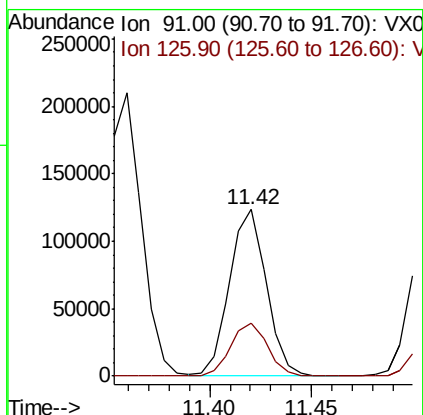
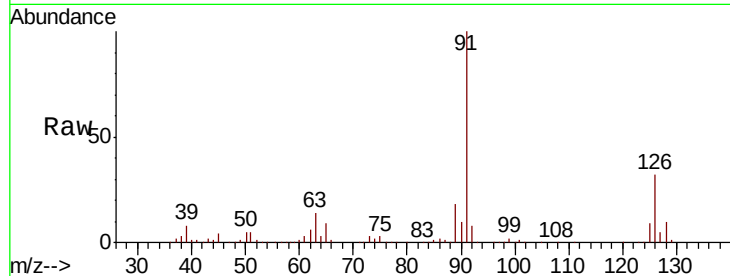




#79
 2-Chlorotoluene
 Concen: 20.887 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

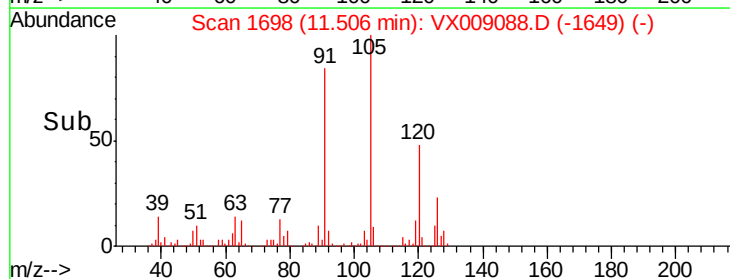
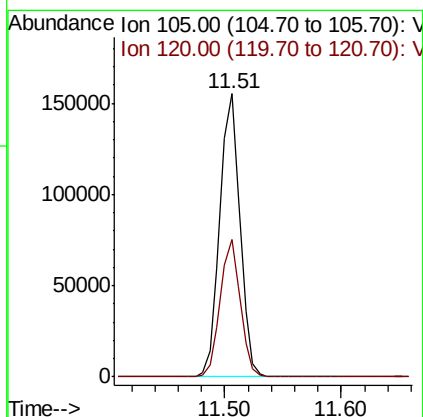
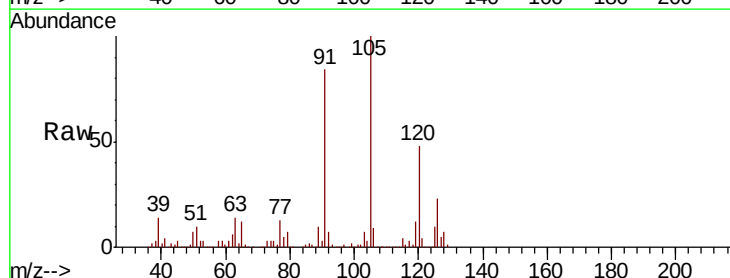
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

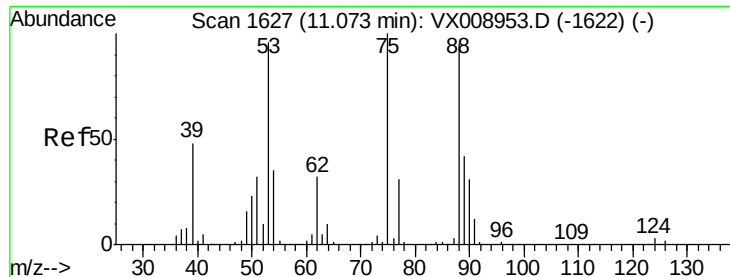
Tot Ion: 91 Resp: 152973
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.897 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion:105 Resp: 185688
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.546 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

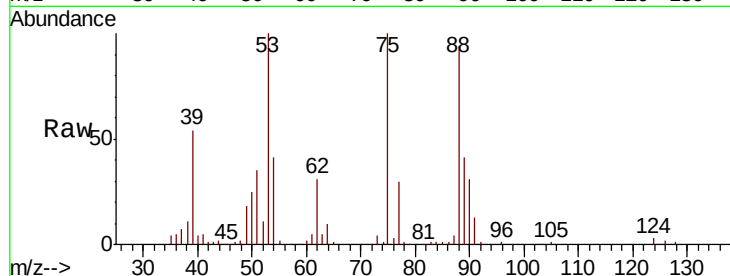
Tot Ion: 75 Resp: 25971

Ion Ratio Lower Upper

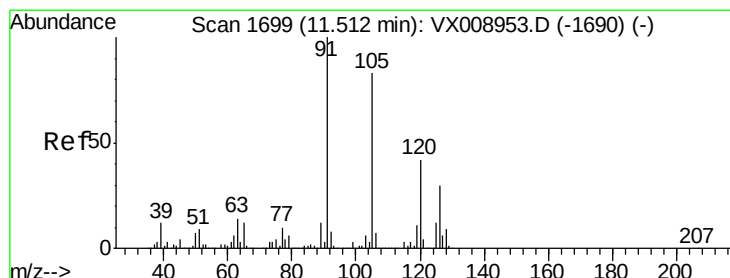
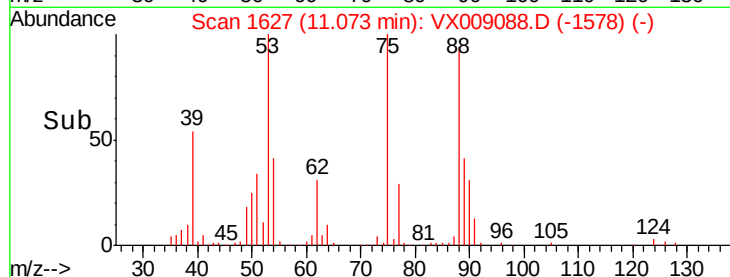
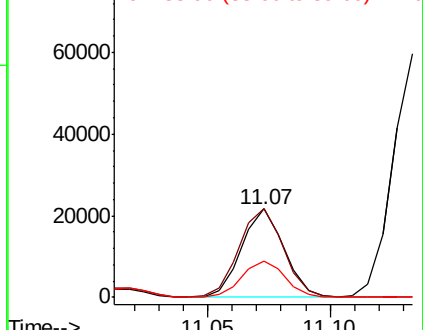
75 100

53 104.3 78.2 117.4

89 42.5 36.0 54.0



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



#82

4-Chlorotoluene

Concen: 20.372 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009088.D

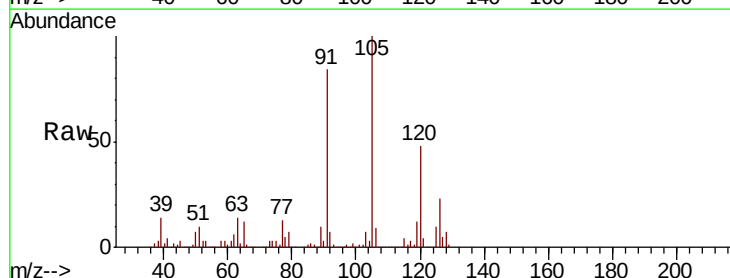
Acq: 22 Apr 2019 11:42

Tgt Ion: 91 Resp: 173279

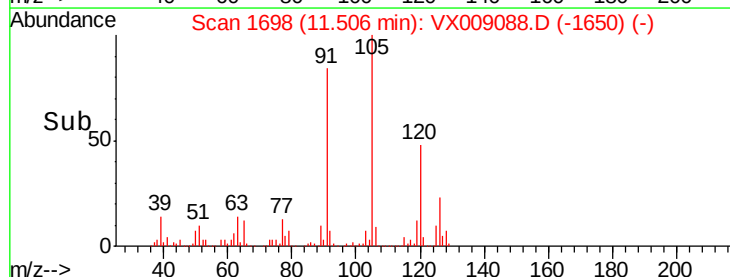
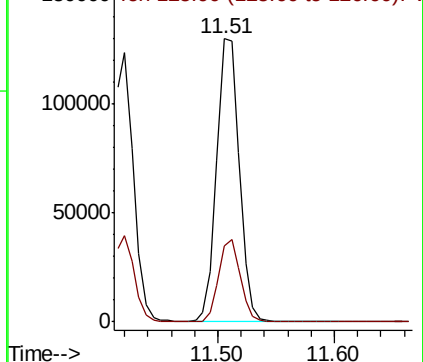
Ion Ratio Lower Upper

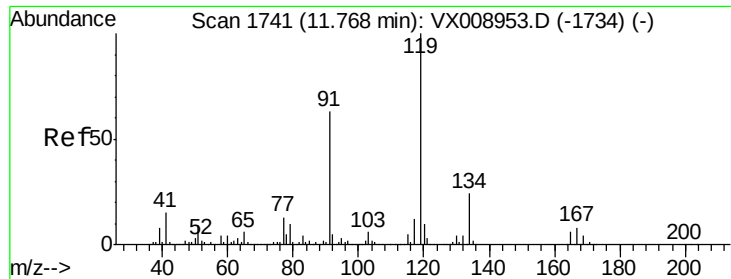
91 100

126 28.1 14.3 42.9



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

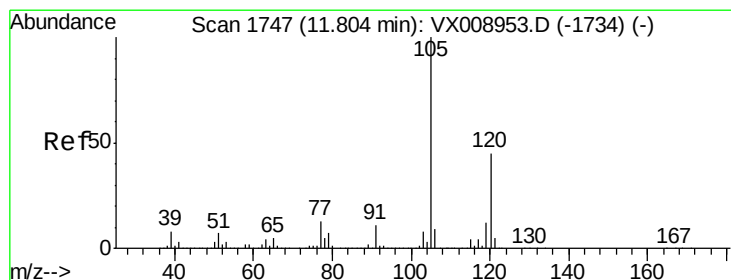
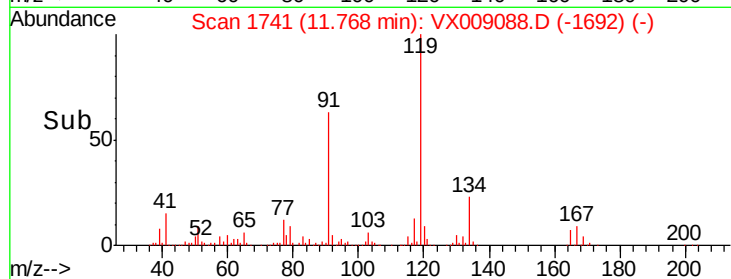
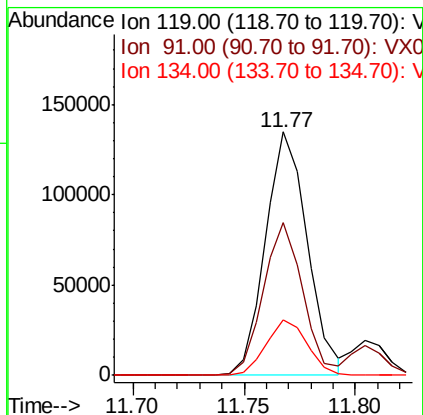
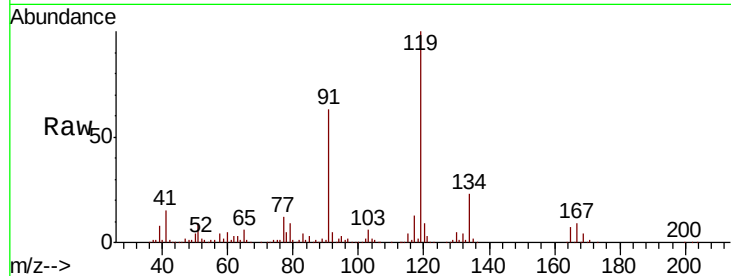




#83
 tert-Butylbenzene
 Concen: 20.623 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

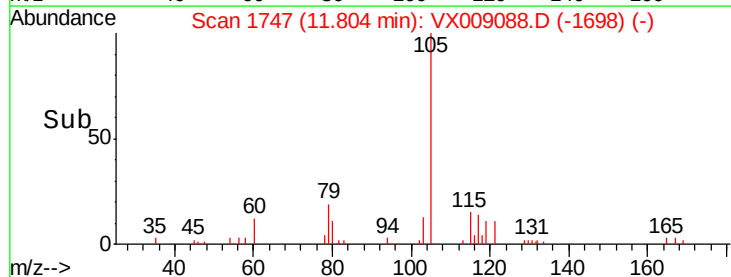
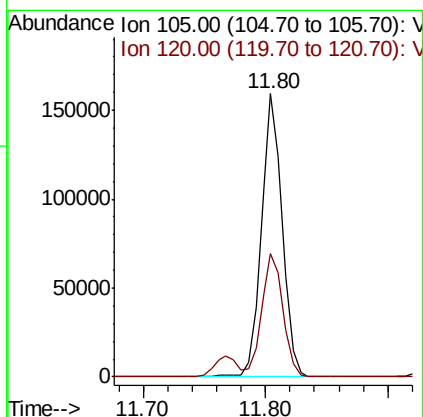
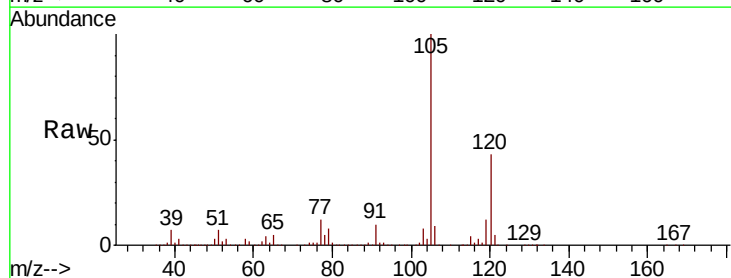
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

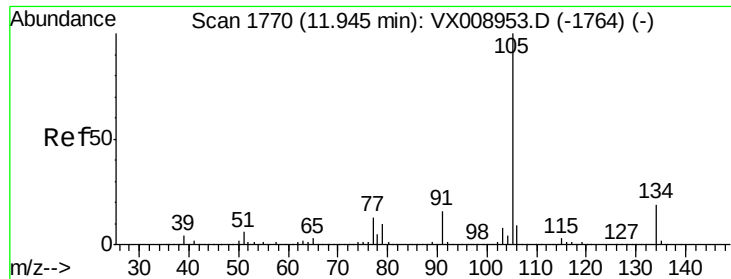
Tot Ion:119 Resp: 175943
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.7 89.1
 134 22.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.863 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion:105 Resp: 188706
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 20.806 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

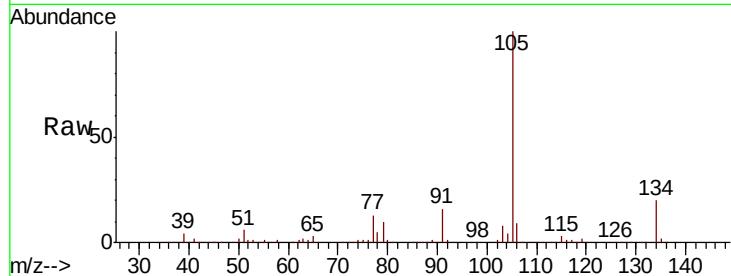
VX0422WBS01

Tot Ion:105 Resp: 211701

Ion Ratio Lower Upper

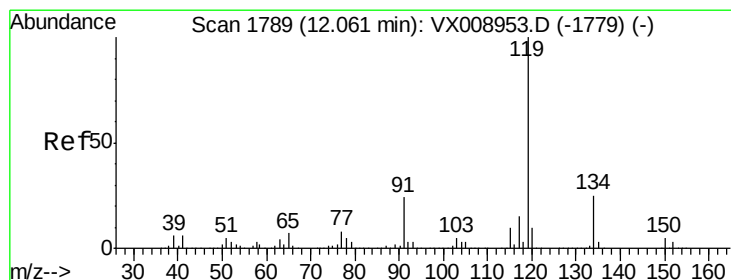
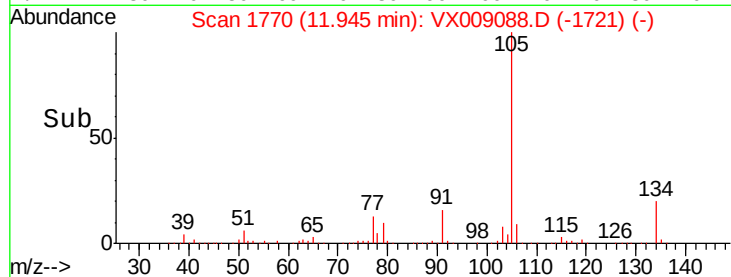
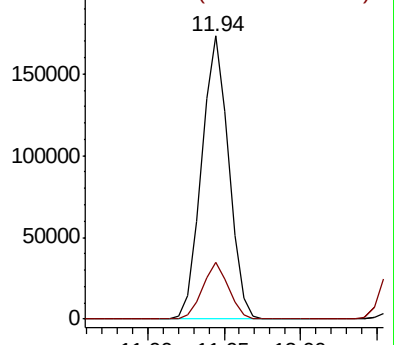
105 100

134 19.4 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.558 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

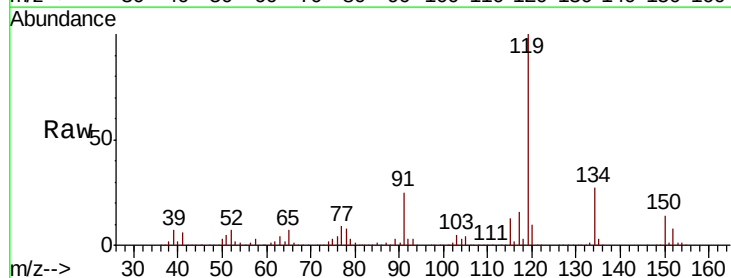
Tgt Ion:119 Resp: 192311

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

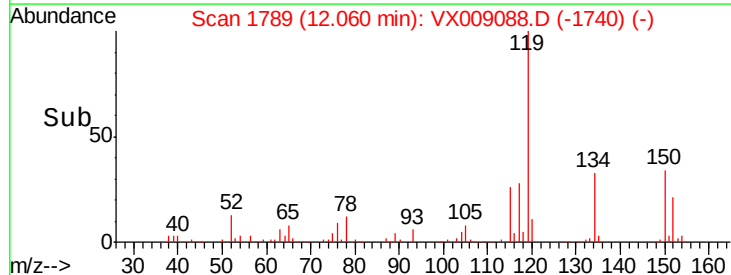
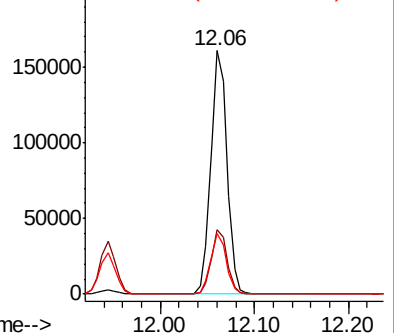
91 24.1 11.9 35.5

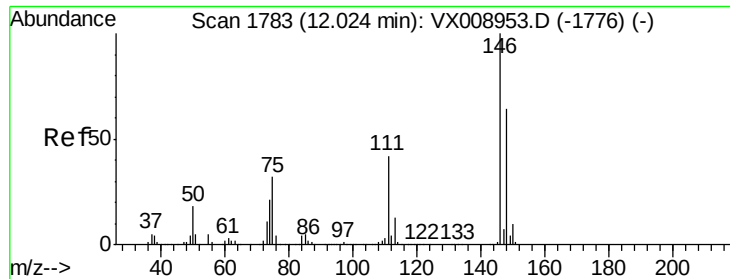


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

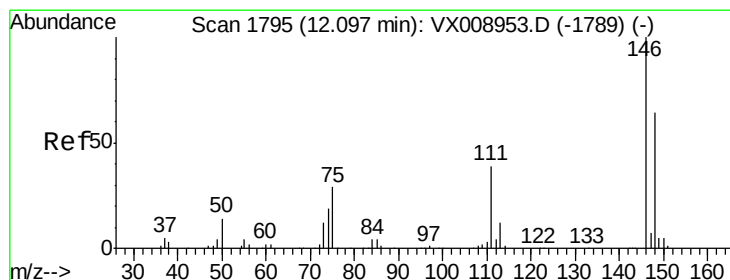
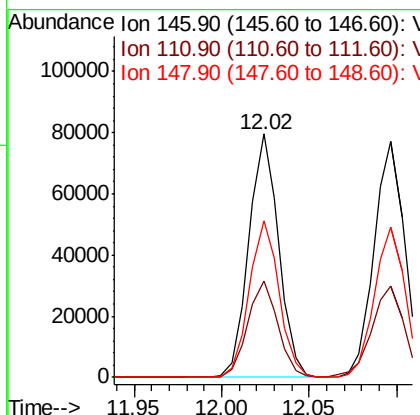
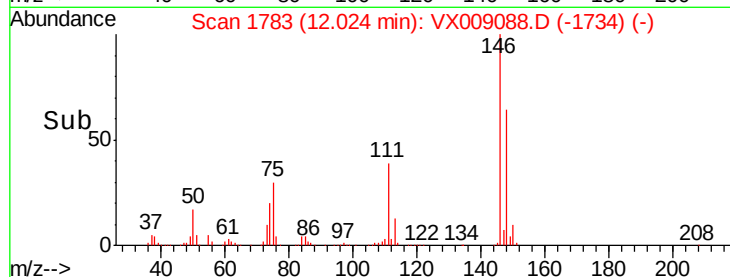
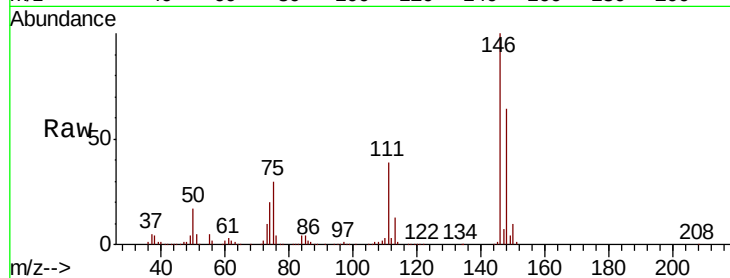




#87
 1,3-Dichlorobenzene
 Concen: 20.195 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

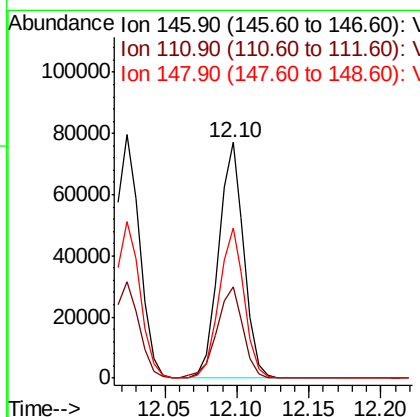
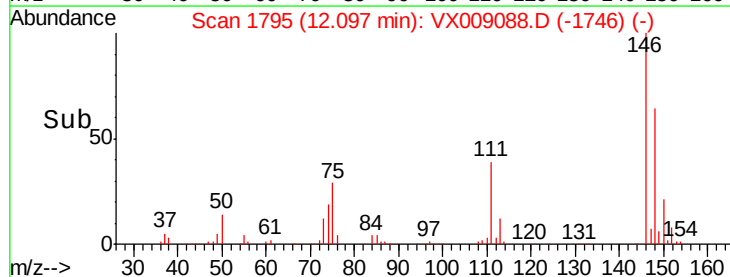
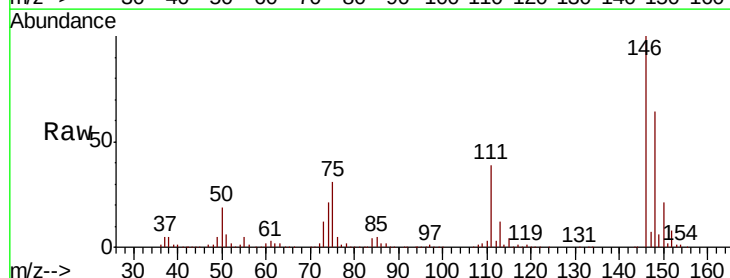
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

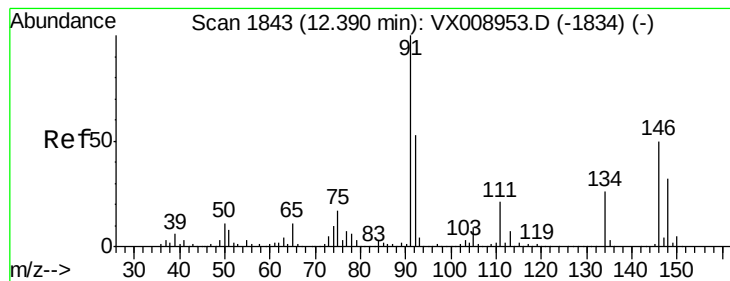
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.6
148	64.3	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.833 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	64.1	32.2	96.6





#89

n-Butylbenzene

Concen: 20.063 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

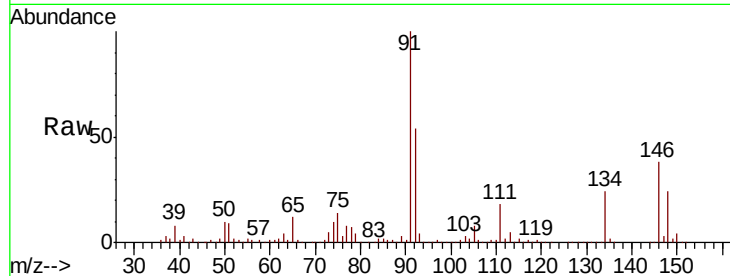
Tot Ion: 91 Resp: 174790

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.8

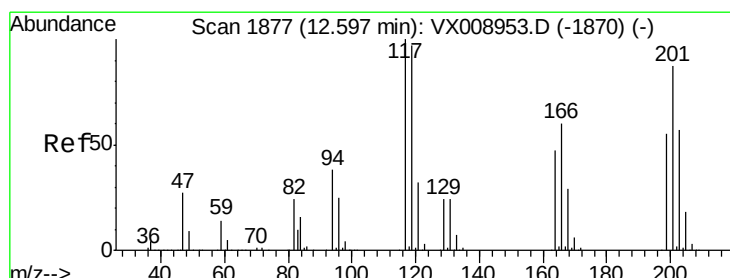
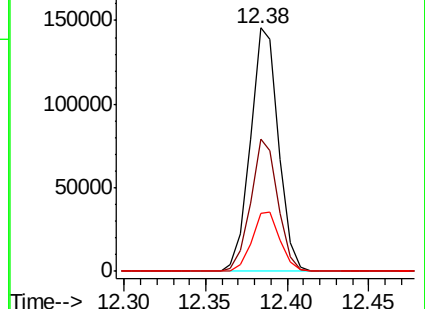
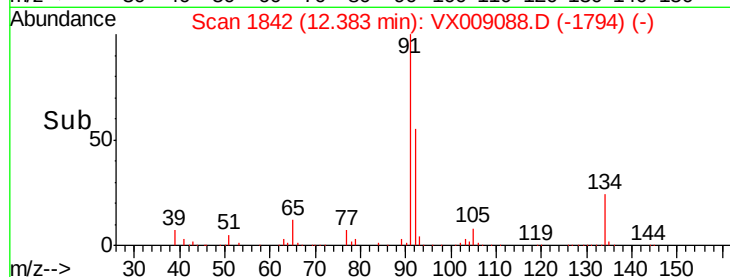
134 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.678 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009088.D

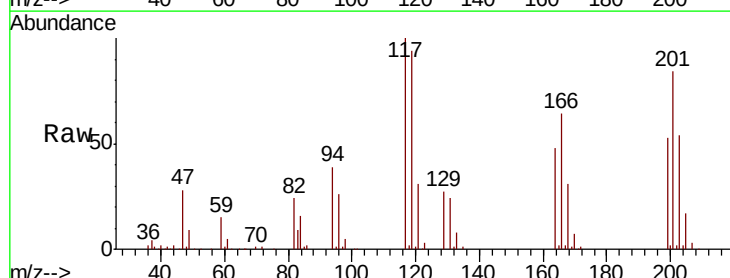
Acq: 22 Apr 2019 11:42

Tgt Ion: 117 Resp: 31908

Ion Ratio Lower Upper

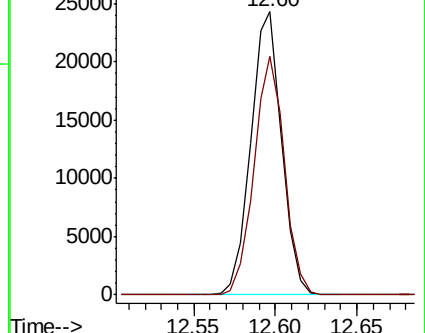
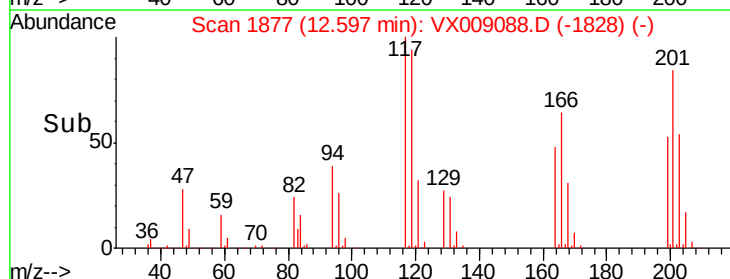
117 100

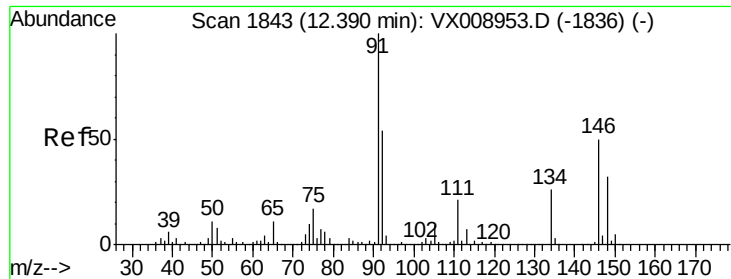
201 82.9 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

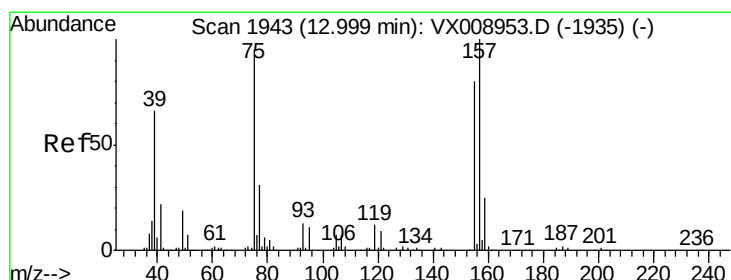
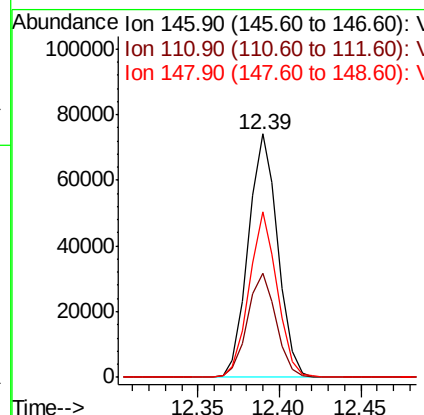
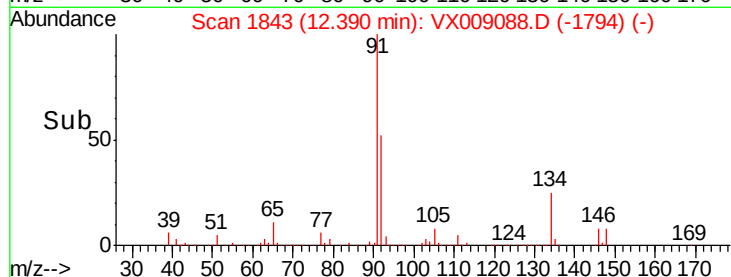
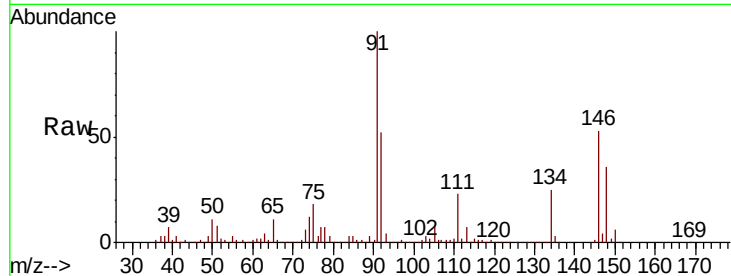




#91
 1,2-Dichlorobenzene
 Concen: 20.177 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

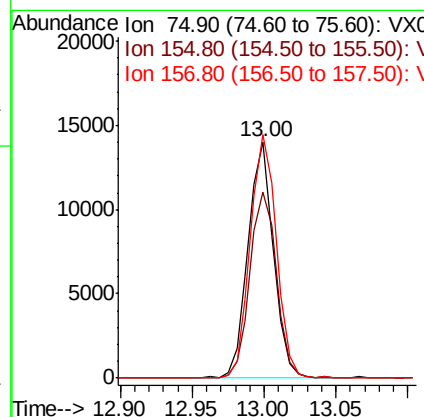
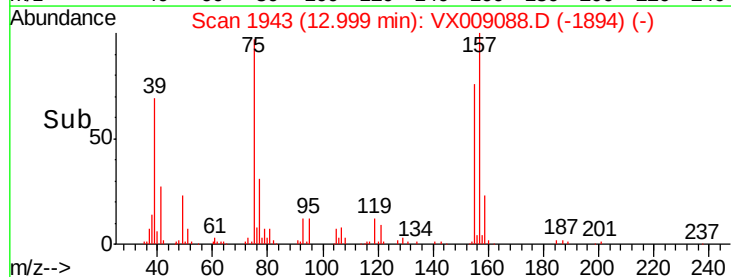
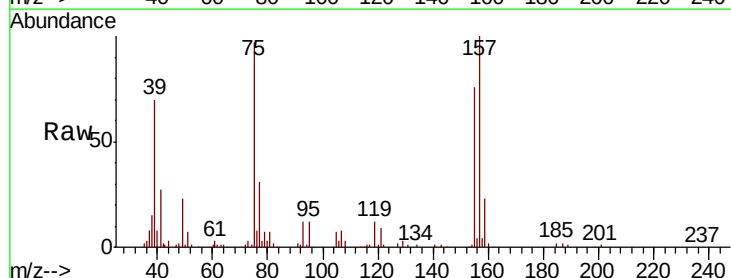
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

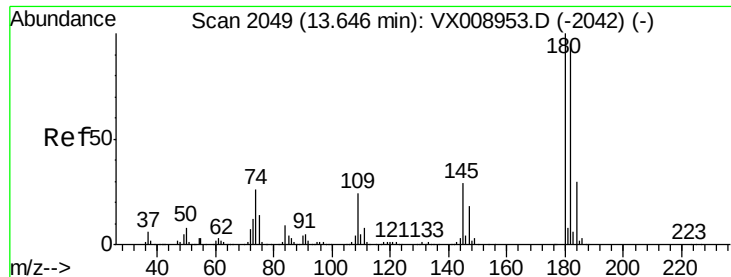
Tot Ion:146 Resp: 93165
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 64.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.441 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 75 Resp: 17126
 Ion Ratio Lower Upper
 75 100
 155 81.8 41.2 123.6
 157 105.2 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 19.656 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

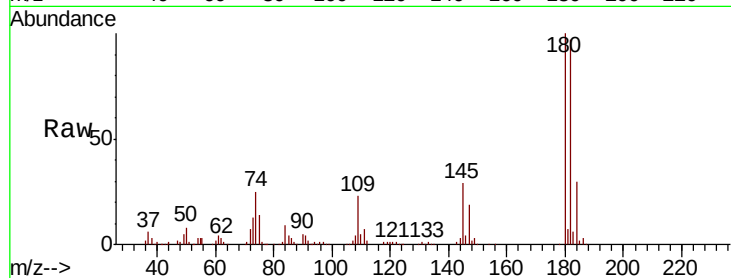
Tot Ion:180 Resp: 65516

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

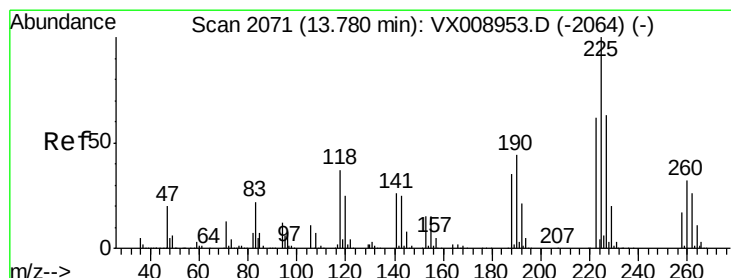
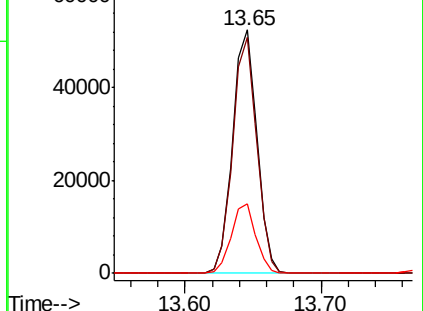
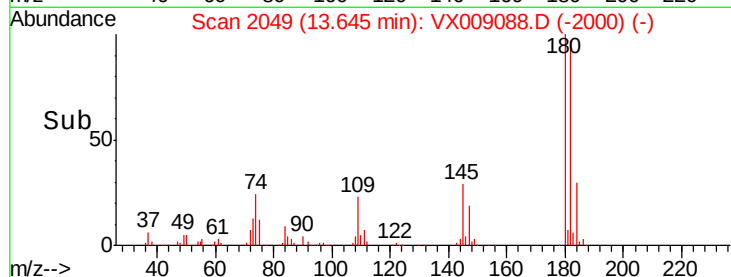
145 28.9 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.108 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

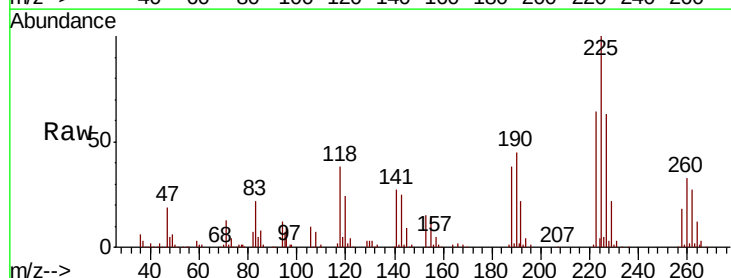
Tgt Ion:225 Resp: 33428

Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

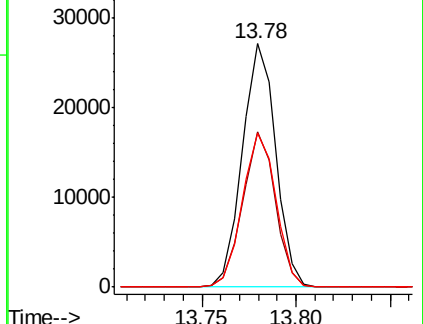
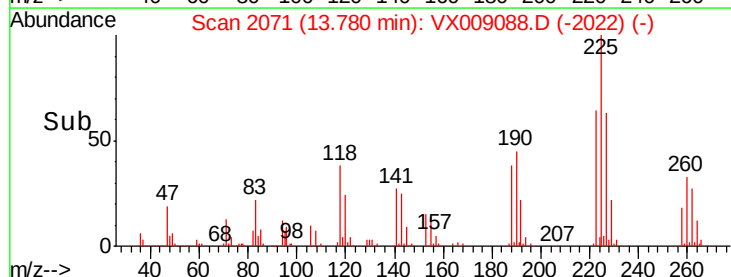
227 63.7 32.0 96.2

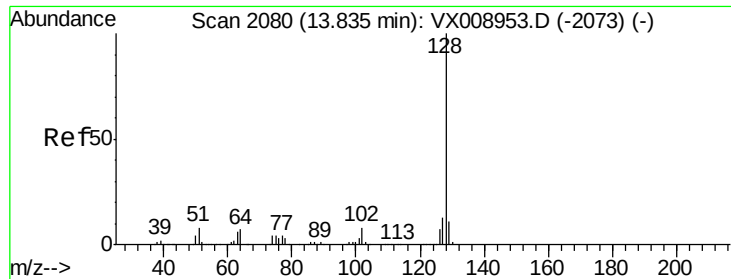


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

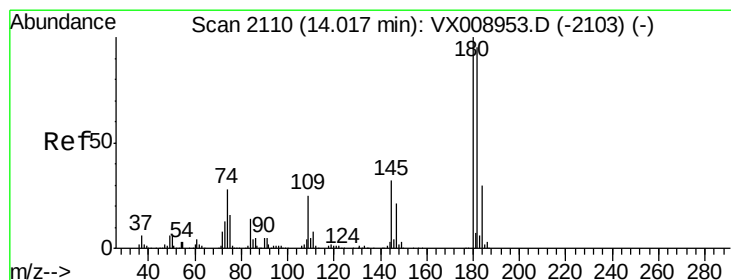
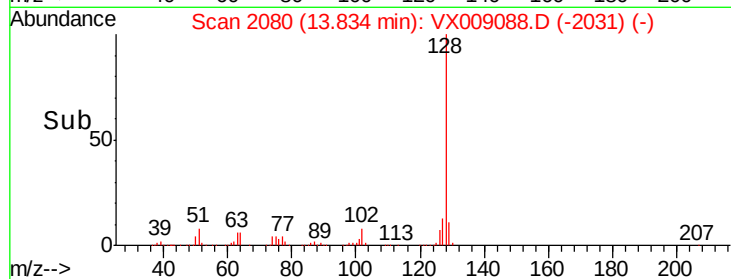
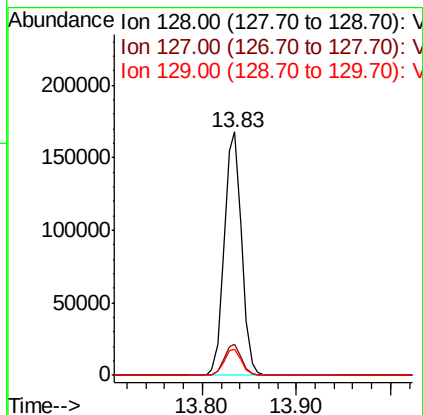
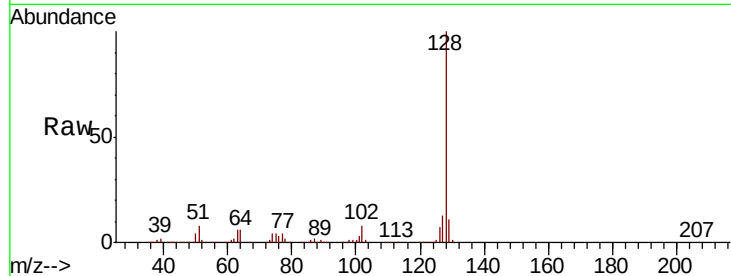




#95
Naphthalene
Concen: 19.889 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.852 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	31.3	15.8	47.3

