

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041319\
 Data File : VX008948.D
 Acq On : 13 Apr 2019 21:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 14 04:17:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	252881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113109	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
35) Dibromofluoromethane	5.50	113	85623	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
50) Toluene-d8	8.71	98	331106	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.13	95	118395	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	97549	56.388	ug/l	99
3) Chloromethane	1.32	50	116449	55.097	ug/l	100
4) Vinyl Chloride	1.41	62	116051	49.624	ug/l	99
5) Bromomethane	1.64	94	62148	53.798	ug/l	99
6) Chloroethane	1.71	64	68348	53.741	ug/l	98
7) Trichlorofluoromethane	1.92	101	134946	52.201	ug/l	98
8) Diethyl Ether	2.19	74	62622	51.081	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82800	49.748	ug/l	97
10) Methyl Iodide	2.51	142	94031	61.069	ug/l	100
11) Tert butyl alcohol	3.06	59	136438	265.862	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87363	50.281	ug/l	97
13) Acrolein	2.29	56	77841	305.898	ug/l	98
14) Allyl chloride	2.73	41	197208	49.580	ug/l	99
15) Acrylonitrile	3.14	53	344249	253.212	ug/l	100
16) Acetone	2.45	43	296539	234.870	ug/l	98
17) Carbon Disulfide	2.57	76	248413	49.503	ug/l	100
18) Methyl Acetate	2.78	43	155482	50.776	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	330720	53.299	ug/l	99
20) Methylene Chloride	2.85	84	101347	47.955	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	91873	48.885	ug/l	94
22) Diisopropyl ether	3.85	45	391388	51.053	ug/l	90
23) Vinyl Acetate	3.82	43	1762648	264.296	ug/l	99
24) 1,1-Dichloroethane	3.70	63	193377	50.947	ug/l	100
25) 2-Butanone	4.68	43	510447	255.796	ug/l	100
26) 2,2-Dichloropropane	4.58	77	116954	43.748	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	109003	50.447	ug/l	96
28) Bromochloromethane	5.02	49	89977	57.183	ug/l	98
29) Tetrahydrofuran	5.13	42	341618	257.927	ug/l	100
30) Chloroform	5.21	83	175398	51.737	ug/l	98
31) Cyclohexane	5.58	56	184789	48.790	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	144026	52.572	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134541	48.672	ug/l	99
37) Ethyl Acetate	4.84	43	193605	52.472	ug/l	99
38) Carbon Tetrachloride	5.79	117	120123	52.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160746	47.074	ug/l	99
40) Benzene	6.14	78	417004	50.638	ug/l	100
41) Methacrylonitrile	5.04	41	109450	51.606	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148770	50.392	ug/l	100
43) Isopropyl Acetate	6.45	43	307103	53.133	ug/l	100
44) Trichloroethene	7.21	130	98133	51.165	ug/l	97
45) 1,2-Dichloropropane	7.51	63	117435	49.962	ug/l	99
46) Dibromomethane	7.66	93	67654	49.628	ug/l	98
47) Bromodichloromethane	7.90	83	133800	52.055	ug/l	100
48) Methyl methacrylate	7.77	41	152804	52.263	ug/l	99
49) 1,4-Dioxane	7.74	88	53994	985.825	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	974908	262.020	ug/l	100
52) Toluene	8.79	92	246226	50.716	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153138	53.187	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	168712	51.281	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	101388	52.025	ug/l	98
56) Ethyl methacrylate	9.18	69	186178	52.801	ug/l	100
57) 1,3-Dichloropropane	9.37	76	180058	51.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	456546	253.572	ug/l	99
59) 2-Hexanone	9.49	43	734554	254.034	ug/l	100
60) Dibromochloromethane	9.58	129	100352	54.646	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104596	51.556	ug/l	99
64) Tetrachloroethene	9.34	164	90891	55.207	ug/l	97
65) Chlorobenzene	10.14	112	251814	51.122	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93331	54.009	ug/l	100
67) Ethyl Benzene	10.25	91	464806	50.605	ug/l	97
68) m/p-Xylenes	10.36	106	335288	101.526	ug/l	99
69) o-Xylene	10.70	106	164308	51.339	ug/l	98
70) Styrene	10.71	104	286815	51.989	ug/l	99
71) Bromoform	10.85	173	73659	55.811	ug/l #	98
73) Isopropylbenzene	11.02	105	436737	51.475	ug/l	100
74) N-amyl acetate	10.90	43	255770	51.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	155856	48.301	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	186989	66.486	ug/l	81
77) Bromobenzene	11.26	156	106385	52.158	ug/l	96
78) n-propylbenzene	11.36	91	495187	50.125	ug/l	99
79) 2-Chlorotoluene	11.42	91	297217	49.716	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	363285	51.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53615	52.549	ug/l	98
82) 4-Chlorotoluene	11.51	91	339402	49.046	ug/l	99
83) tert-Butylbenzene	11.77	119	343378	50.114	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	368303	51.072	ug/l	100
85) sec-Butylbenzene	11.94	105	413854	50.849	ug/l	99
86) p-Isopropyltoluene	12.06	119	375813	51.446	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183209	50.174	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	180979	48.946	ug/l	99
89) n-Butylbenzene	12.38	91	339508	49.558	ug/l	99
90) Hexachloroethane	12.60	117	63987	52.812	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	181998	50.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35175	49.554	ug/l	96

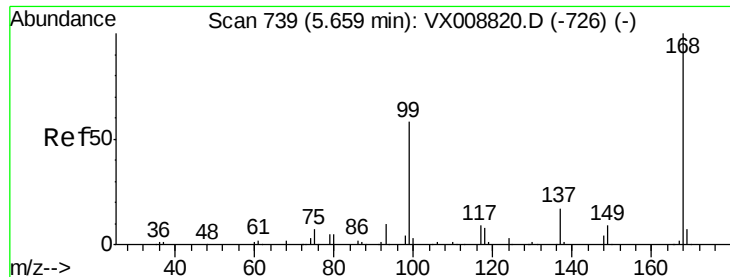
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128438	50.952	ug/l	98
94) Hexachlorobutadiene	13.78	225	62772	51.924	ug/l	100
95) Naphthalene	13.83	128	434006	51.515	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130187	51.691	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. 0.01 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

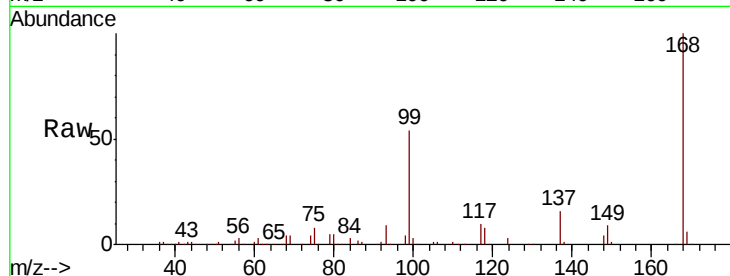
ClientSampleId :

Tot Ion:168 Resp: 150290

Ion Ratio Lower Upper

168 100

99 53.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

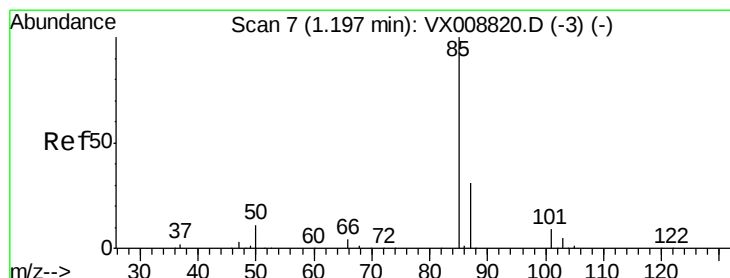
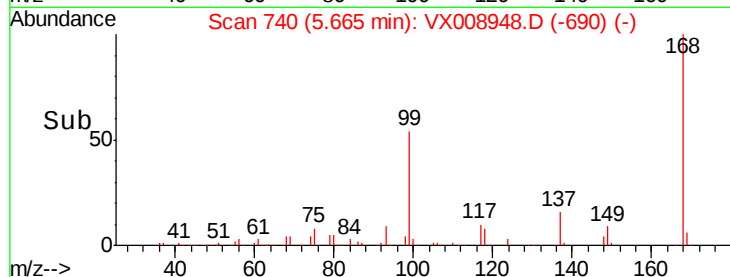
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 56.388 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008948.D

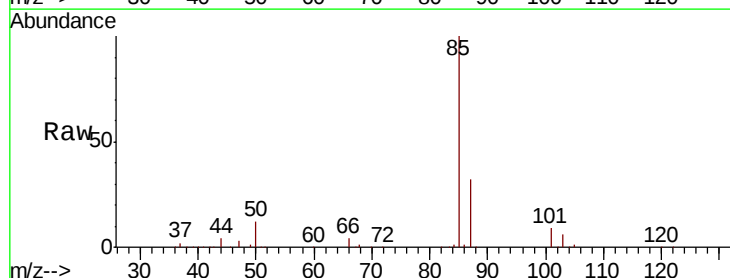
Acq: 13 Apr 2019 21:36

Tgt Ion: 85 Resp: 97549

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

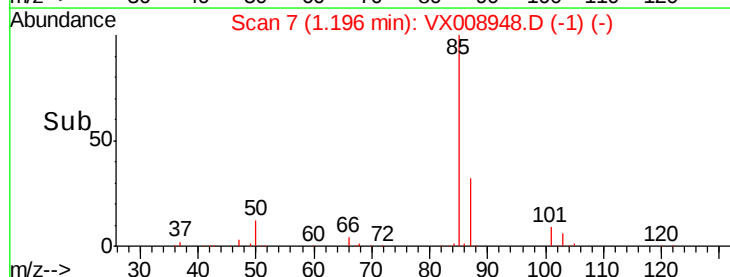
40000

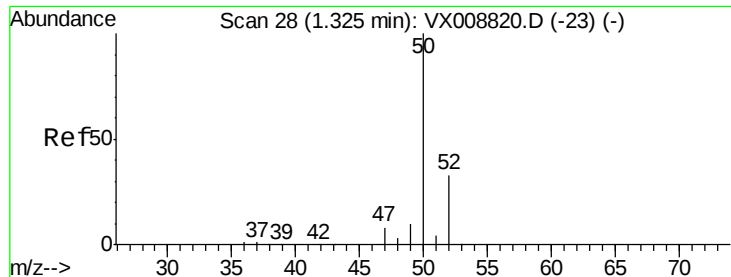
20000

0

1.15 1.20 1.25 1.30

Time-->

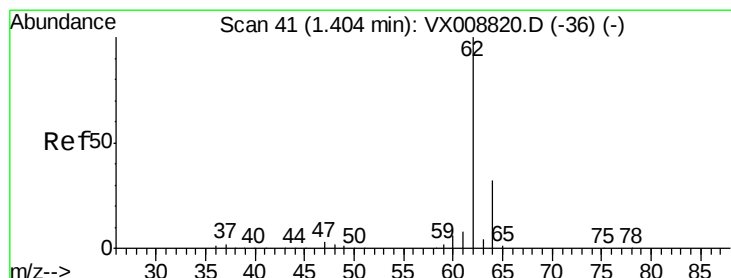
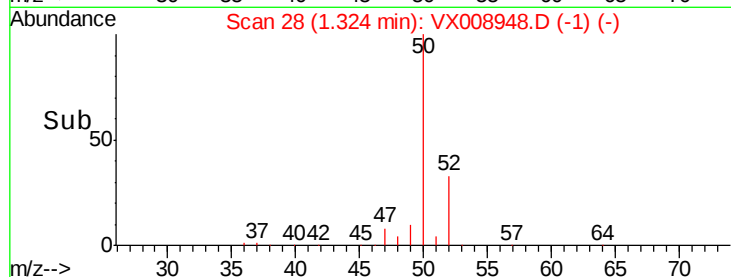
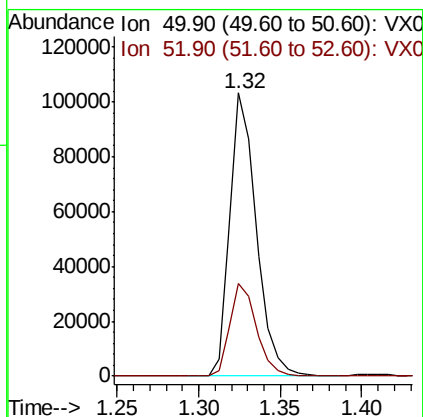
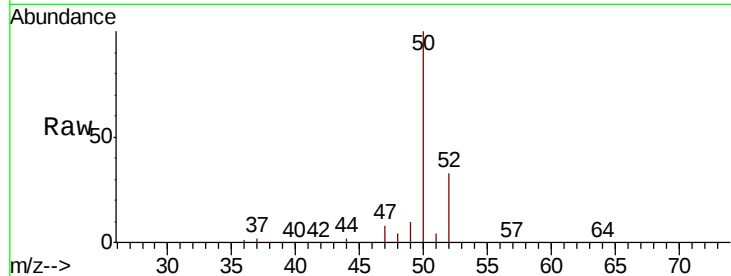




#3
Chloromethane
Concen: 55.097 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

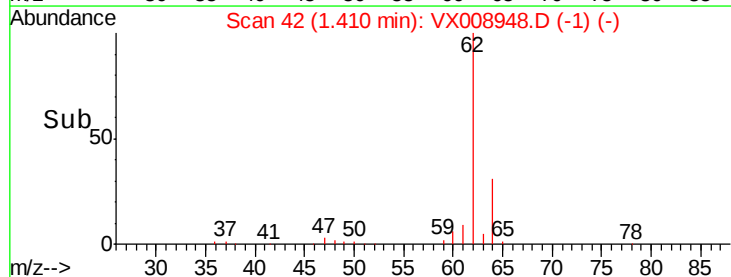
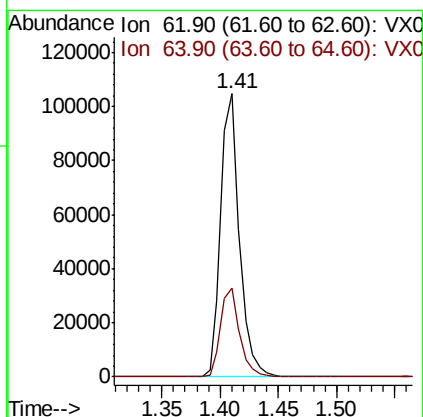
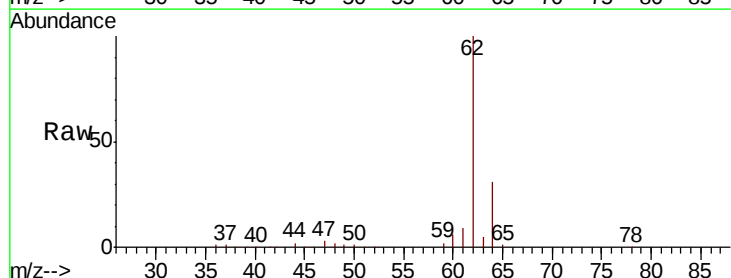
Instrument :
MSVOA_X
ClientSampleId :

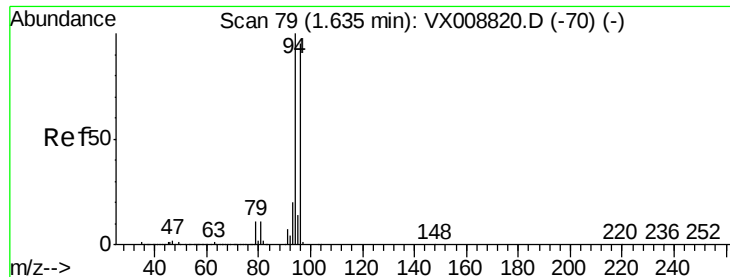
Tot Ion: 50 Resp: 116449
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.8



#4
Vinyl Chloride
Concen: 49.624 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 62 Resp: 116051
Ion Ratio Lower Upper
62 100
64 31.3 24.7 37.1





#5

Bromomethane

Concen: 53.798 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

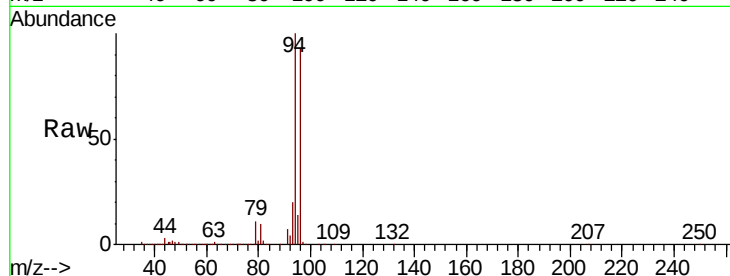
ClientSampleId :

Tot Ion: 94 Resp: 62148

Ion Ratio Lower Upper

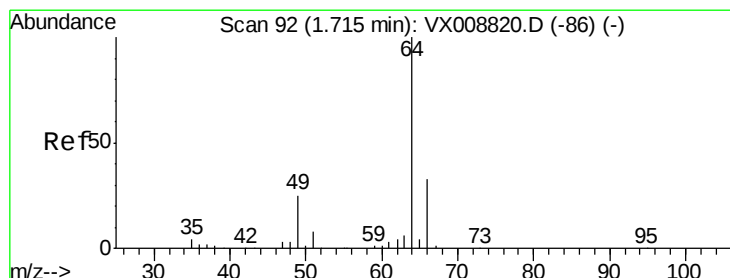
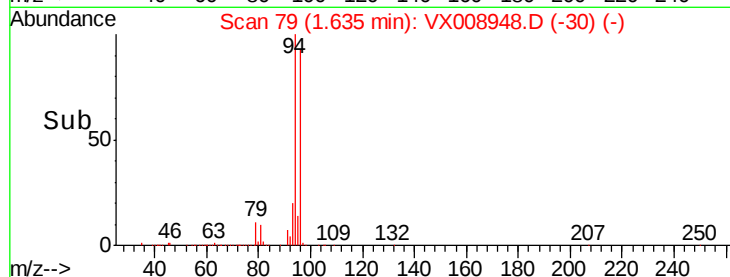
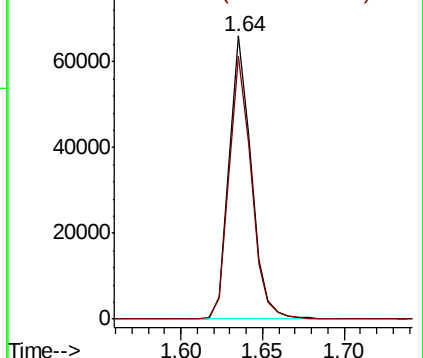
94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.741 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008948.D

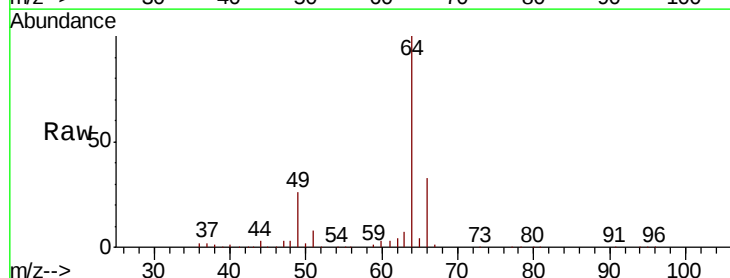
Acq: 13 Apr 2019 21:36

Tgt Ion: 64 Resp: 68348

Ion Ratio Lower Upper

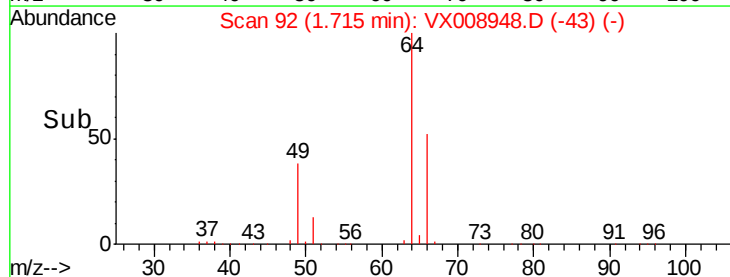
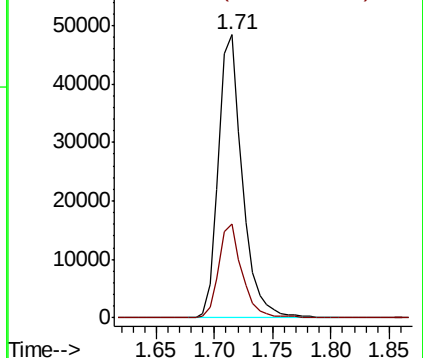
64 100

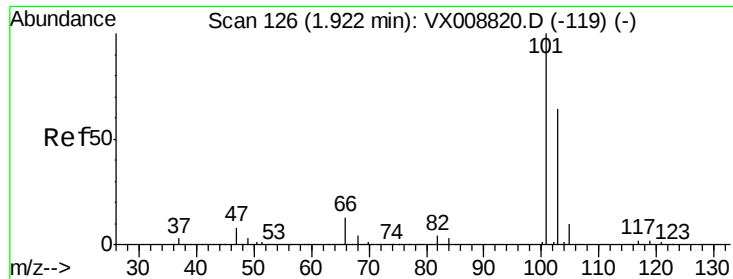
66 32.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



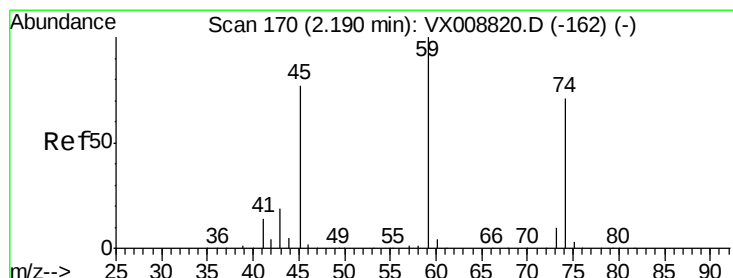
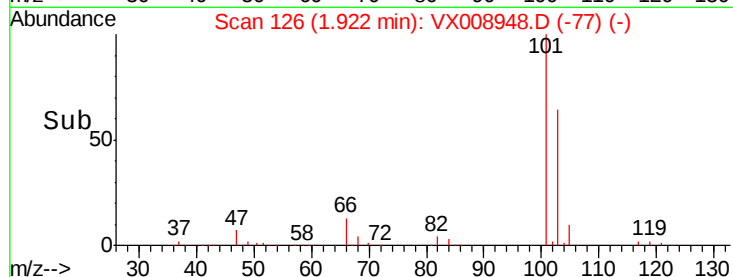
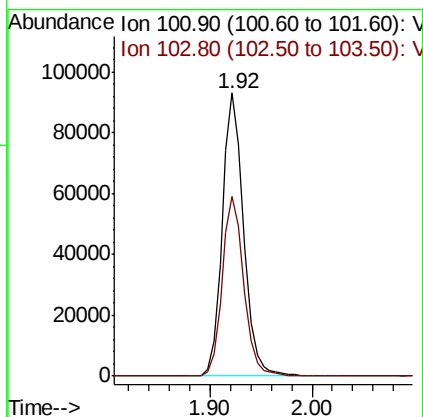
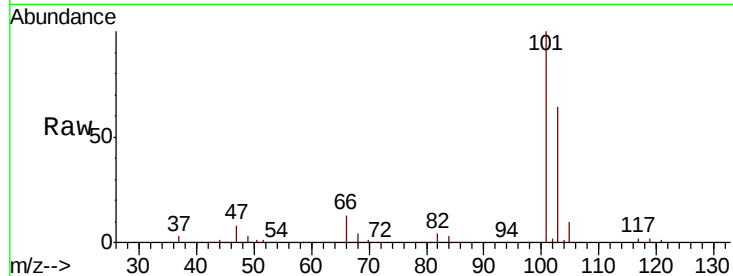


#7

Trichlorofluoromethane
 Concen: 52.201 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Instrument :
 MSVOA_X
 ClientSampled :

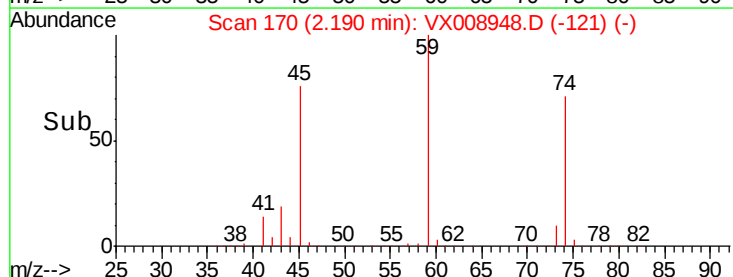
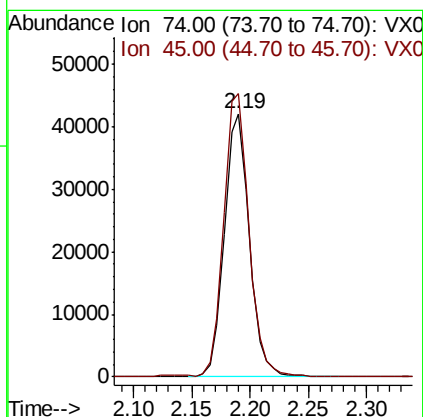
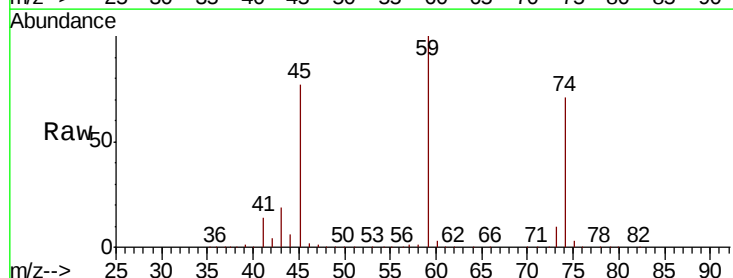
Tot Ion:101 Resp: 134946
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.3 78.5

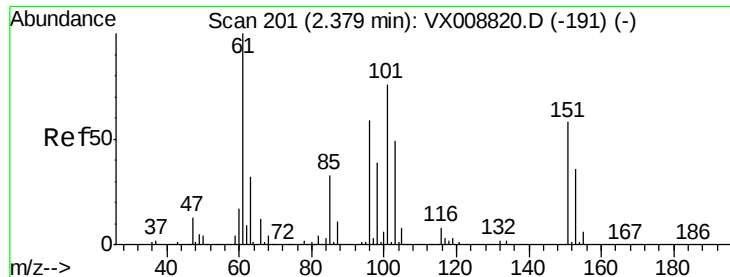


#8

Diethyl Ether
 Concen: 51.081 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion: 74 Resp: 62622
 Ion Ratio Lower Upper
 74 100
 45 107.2 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.748 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

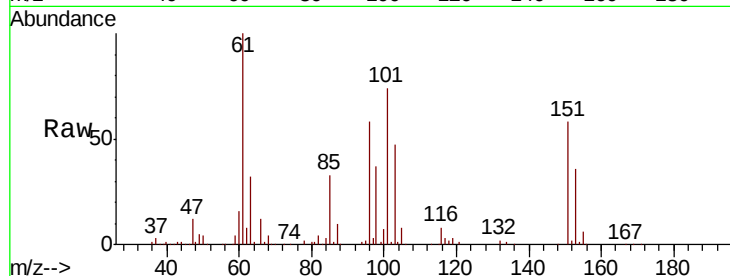
Tot Ion:101 Resp: 82800

Ion Ratio Lower Upper

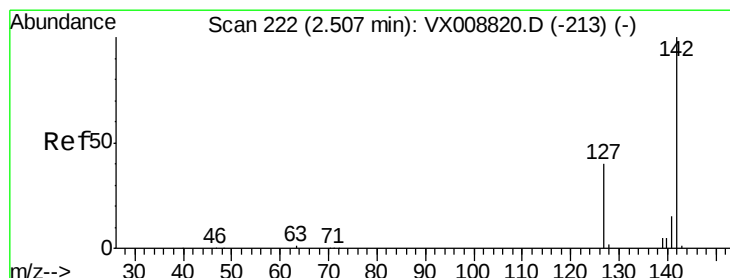
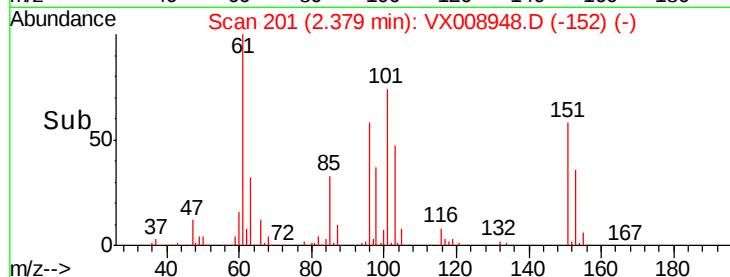
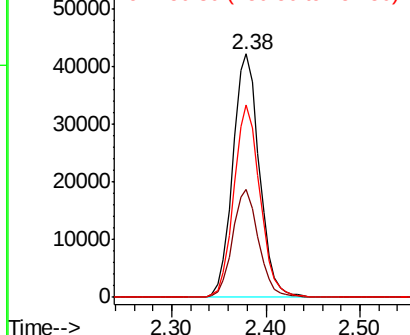
101 100

85 43.6 36.0 54.0

151 77.8 59.9 89.9



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: 61.069 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

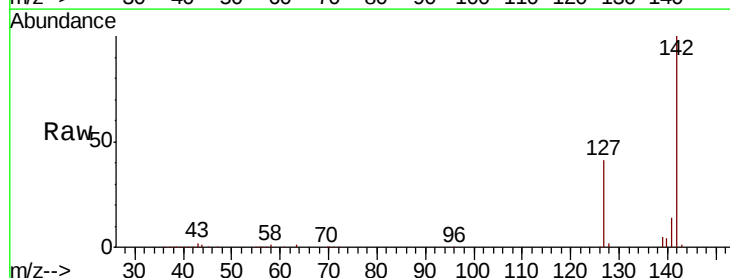
Tgt Ion:142 Resp: 94031

Ion Ratio Lower Upper

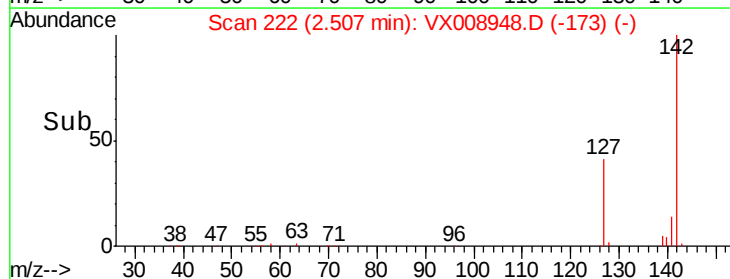
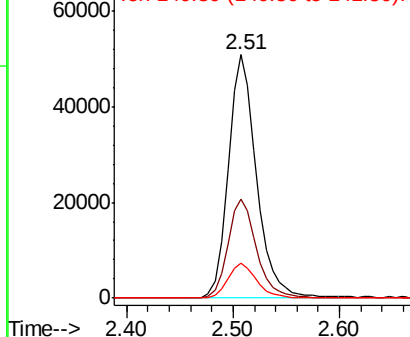
142 100

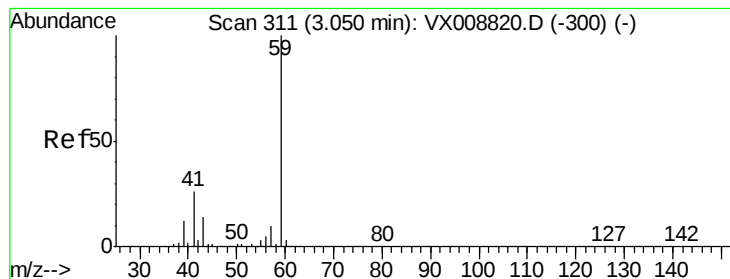
127 41.5 33.0 49.6

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



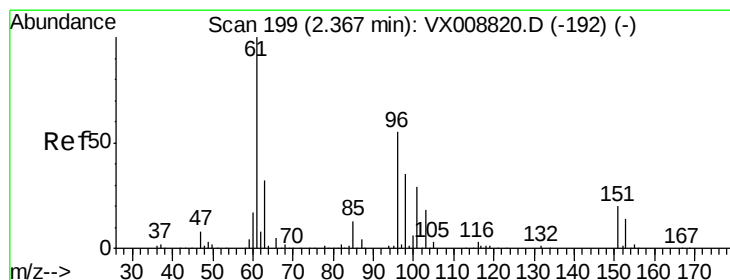
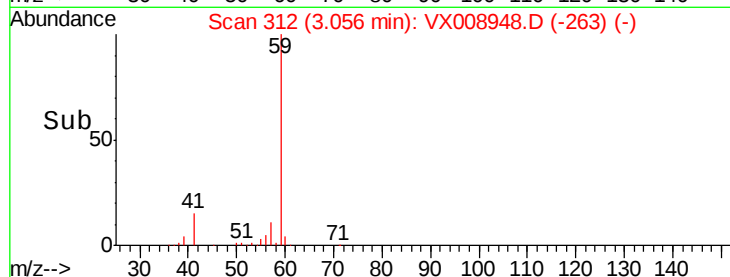
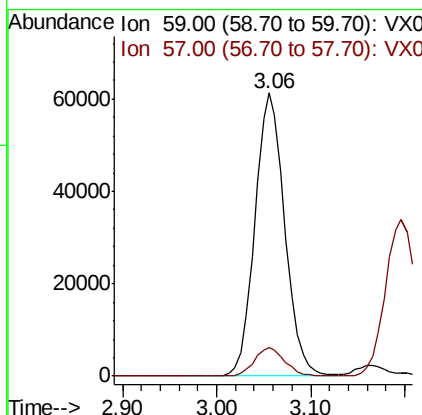
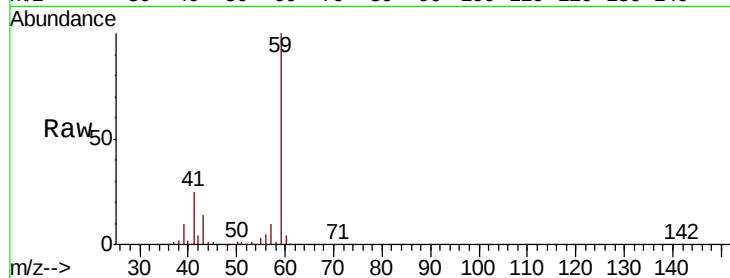


#11

Tert butyl alcohol
 Concen: 265.862 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Instrument :
 MSVOA_X
 ClientSampleId :

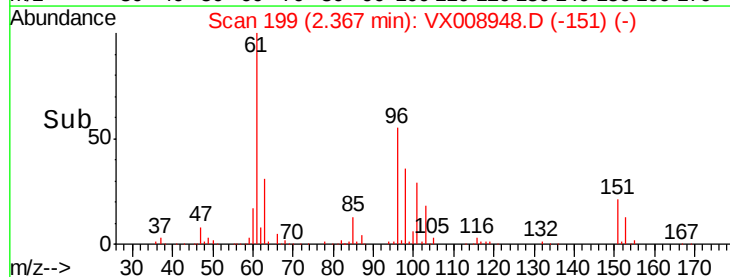
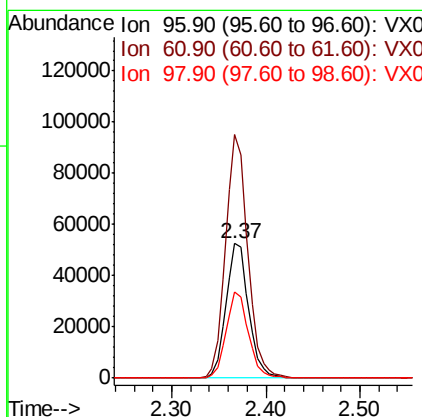
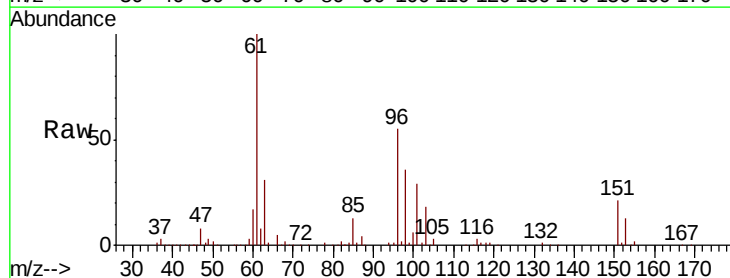
Tot Ion: 59 Resp: 136438
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

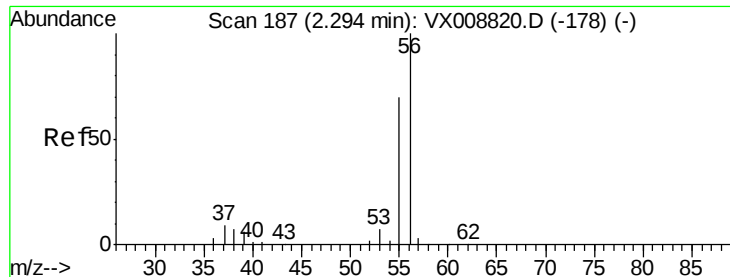


#12

1,1-Dichloroethene
 Concen: 50.281 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion: 96 Resp: 87363
 Ion Ratio Lower Upper
 96 100
 61 180.7 140.9 211.3
 98 64.4 52.1 78.1





#13

Acrolein

Concen: 305.898 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

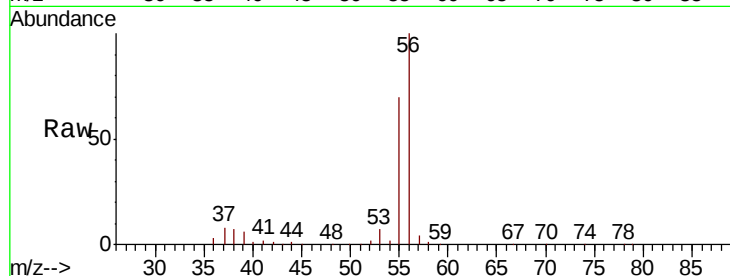
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 77841

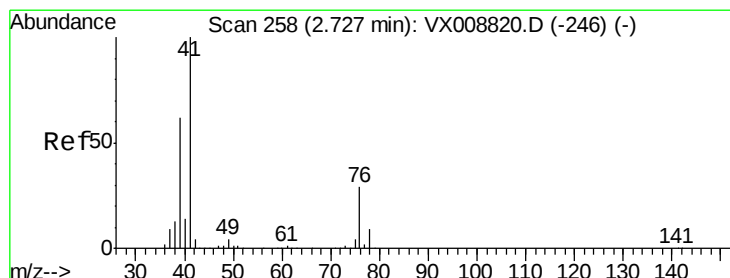
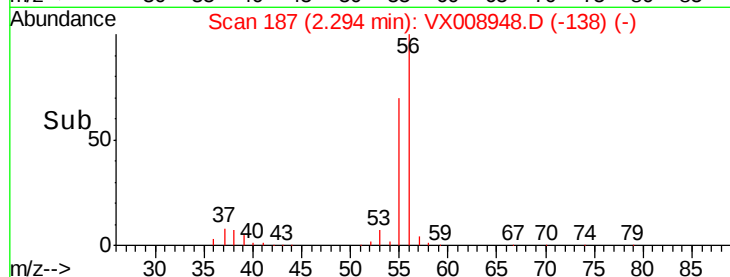
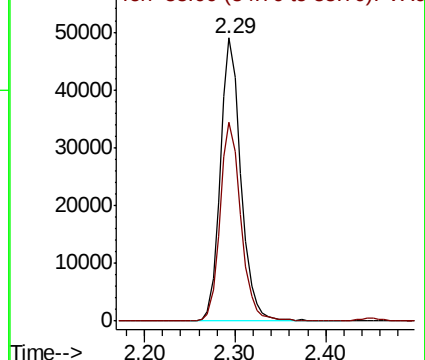
Ion Ratio Lower Upper

56 100

55 71.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.580 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

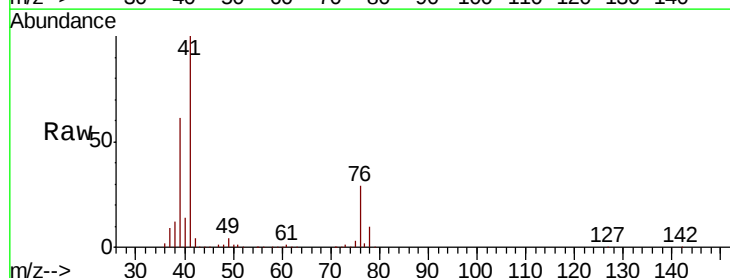
Tgt Ion: 41 Resp: 197208

Ion Ratio Lower Upper

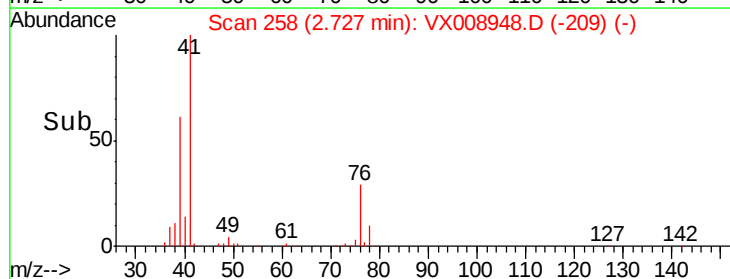
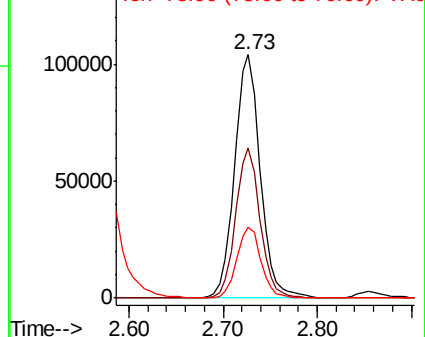
41 100

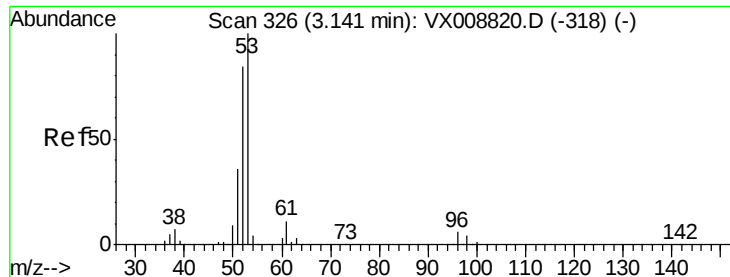
39 58.6 48.0 72.0

76 27.6 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





#15

Acrylonitrile

Concen: 253.212 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

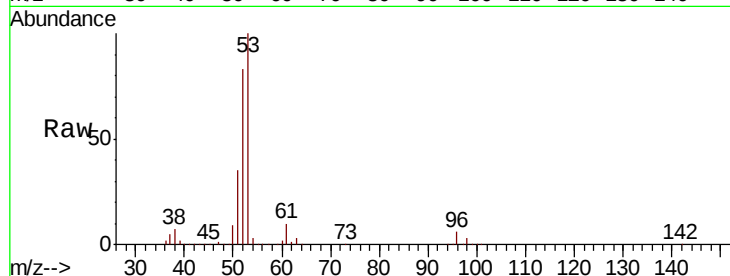
Tot Ion: 53 Resp: 344249

Ion Ratio Lower Upper

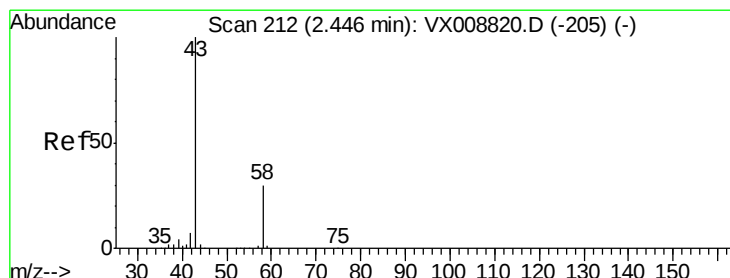
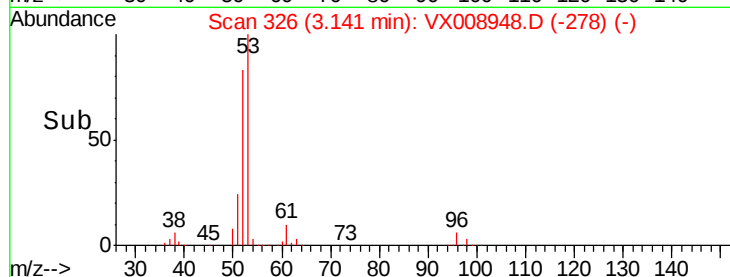
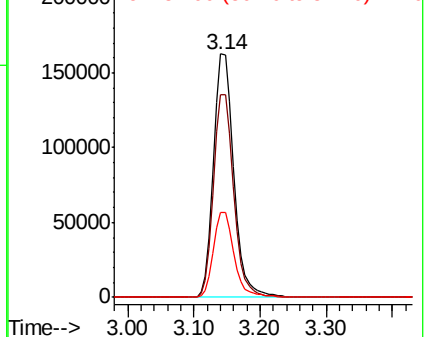
53 100

52 83.2 66.5 99.7

51 35.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.870 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008948.D

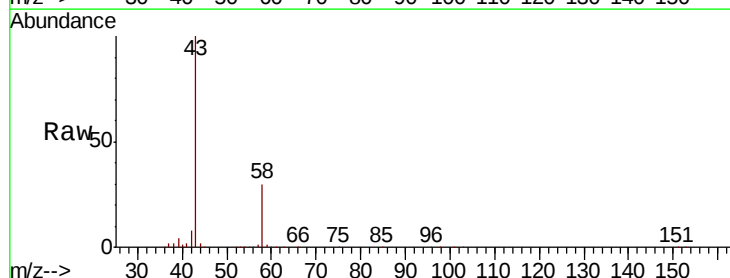
Acq: 13 Apr 2019 21:36

Tgt Ion: 43 Resp: 296539

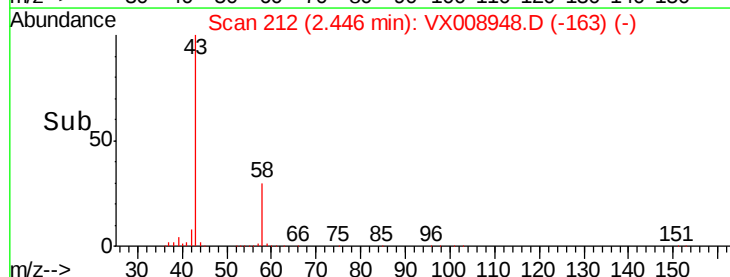
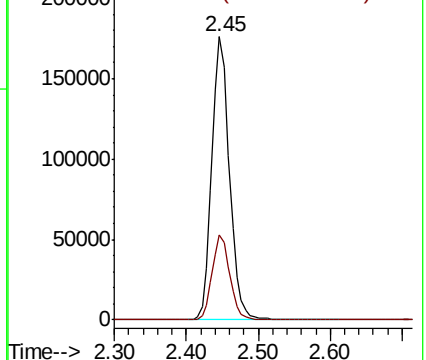
Ion Ratio Lower Upper

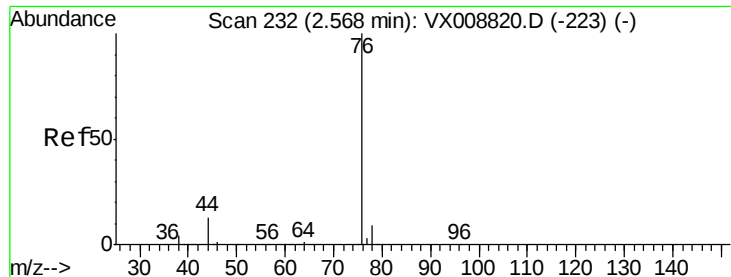
43 100

58 29.9 24.8 37.2



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

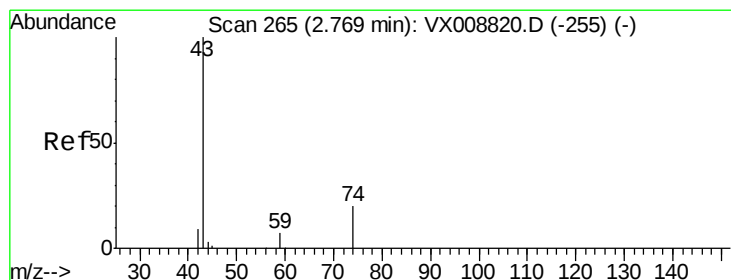
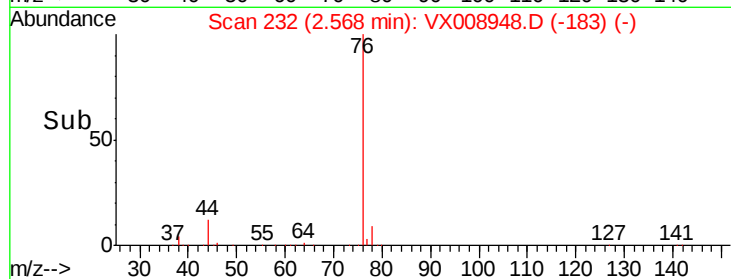
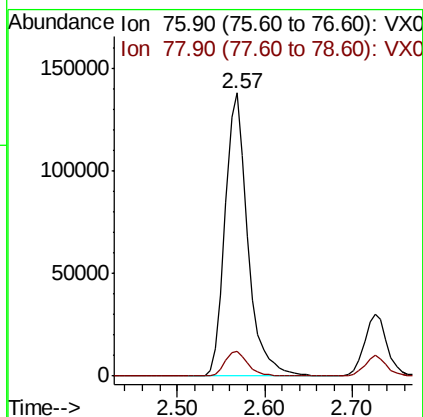
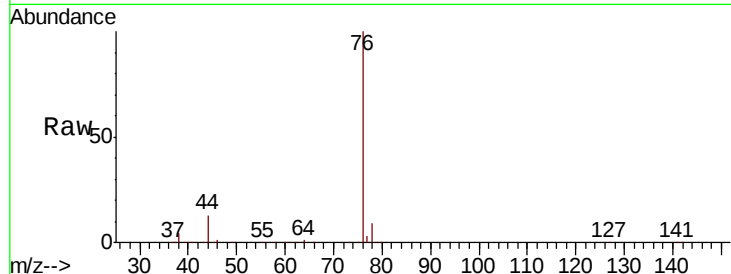




#17
Carbon Disulfide
Concen: 49.503 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

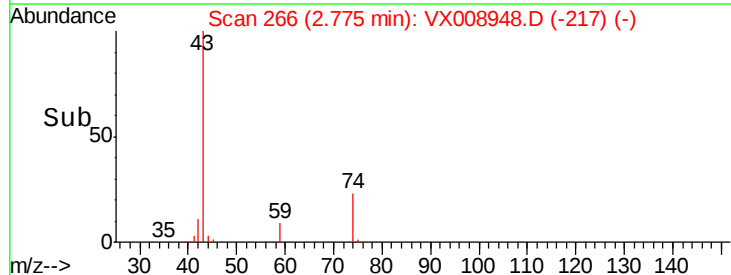
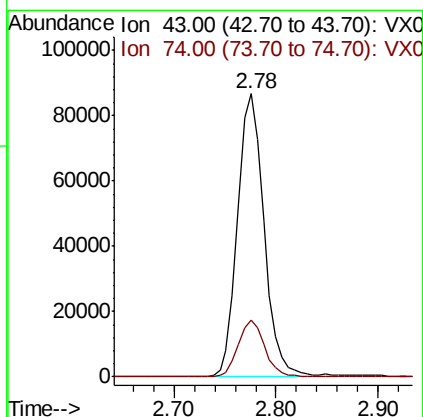
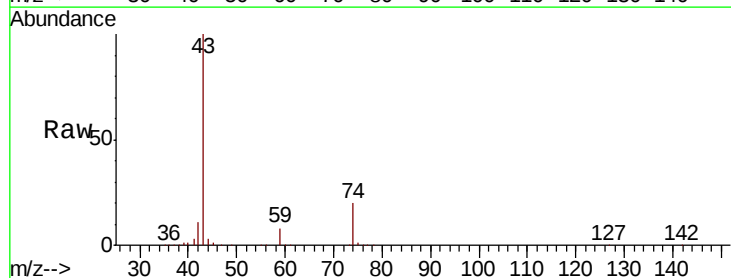
Instrument :
MSVOA_X
ClientSampled :

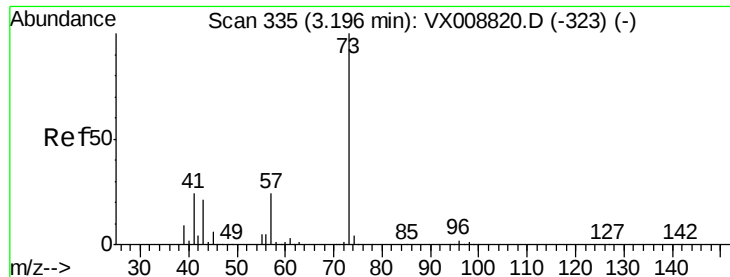
Tot Ion: 76 Resp: 248413
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 50.776 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 43 Resp: 155482
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7

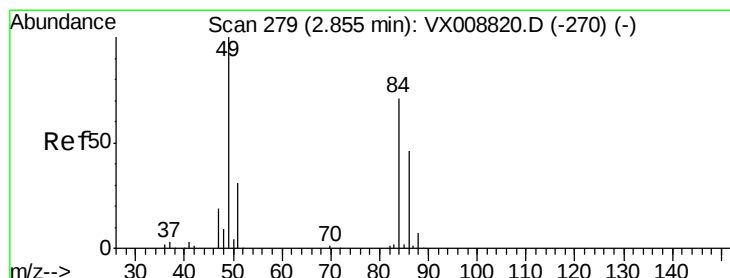
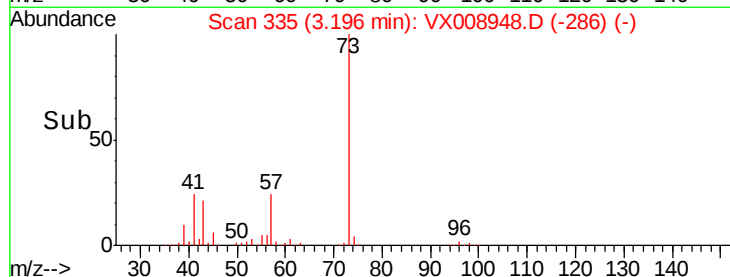
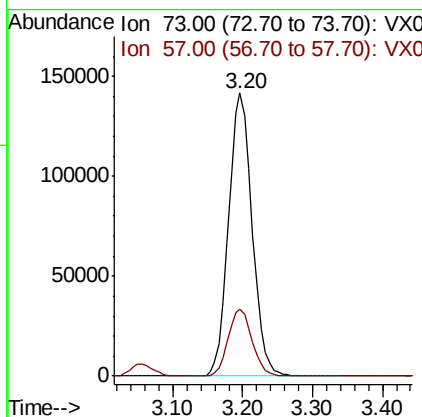
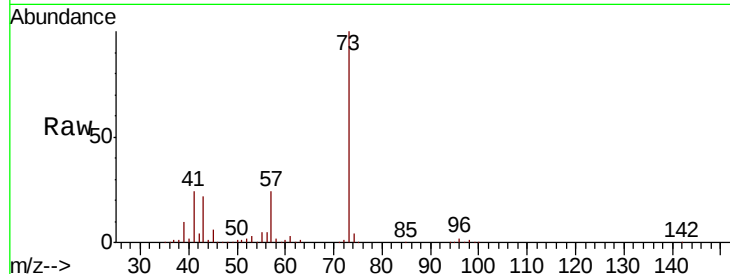




#19
Methvl tert-butvl Ether
Concen: 53.299 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

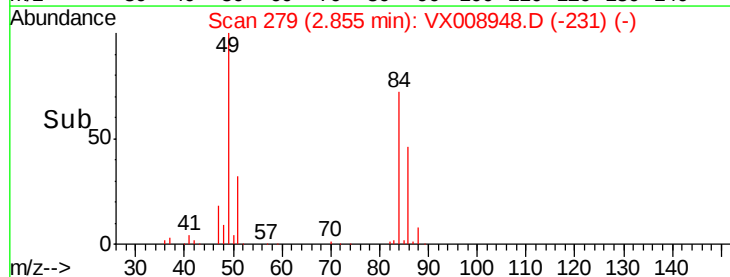
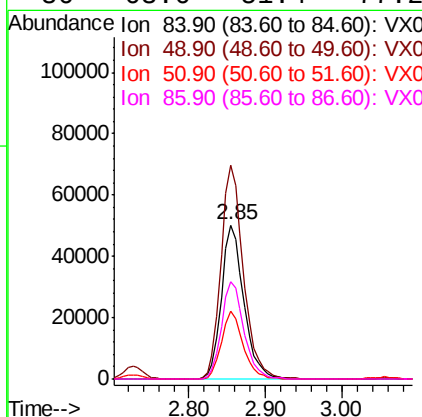
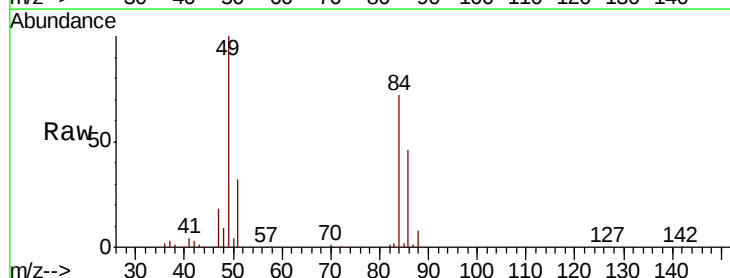
Instrument :
MSVOA_X
ClientSampleId :

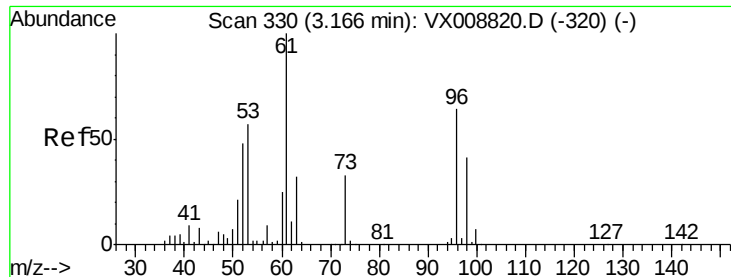
Tot Ion: 73 Resp: 330720
Ion Ratio Lower Upper
73 100
57 23.8 19.5 29.3



#20
Methylene Chloride
Concen: 47.955 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 84 Resp: 101347
Ion Ratio Lower Upper
84 100
49 138.8 109.7 164.5
51 44.0 33.6 50.4
86 63.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.885 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :
MSVOA_X
ClientSampled :

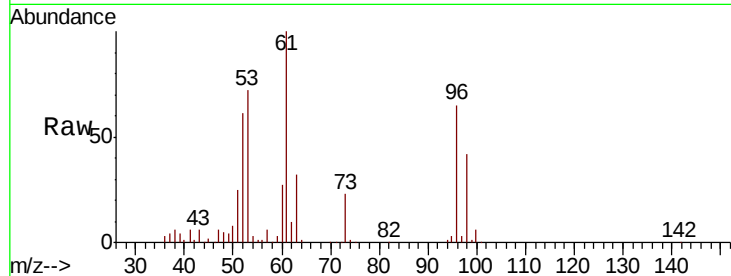
Tot Ion: 96 Resp: 91873

Ion Ratio Lower Upper

96 100

61 154.2 132.1 198.1

98 65.0 52.2 78.2

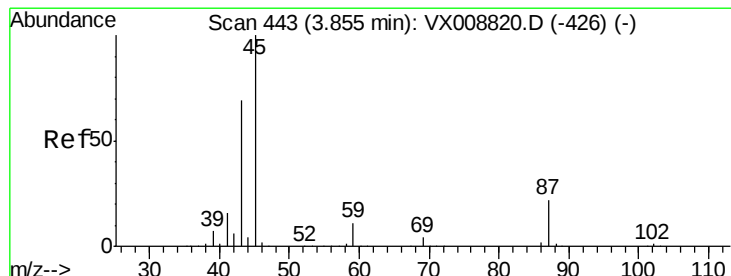
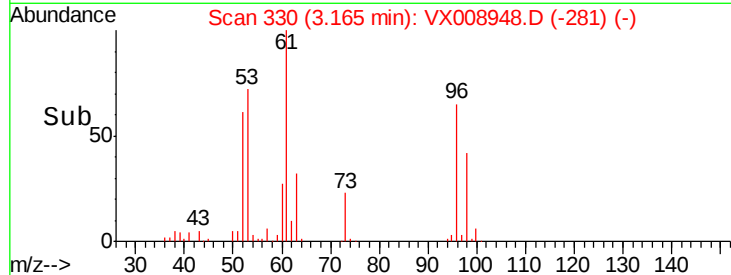
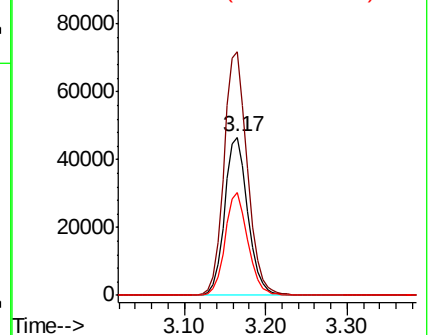


Abundance

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: 51.053 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Tgt Ion: 45 Resp: 391388

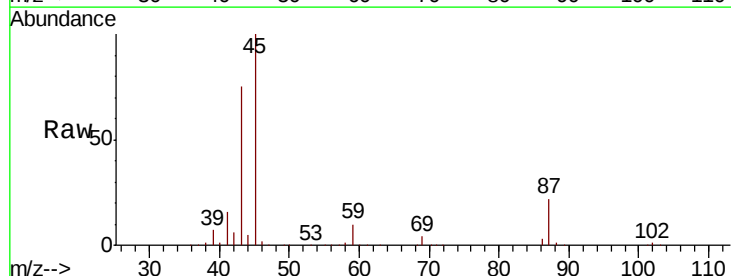
Ion Ratio Lower Upper

45 100

43 75.0 51.3 76.9

87 22.2 18.1 27.1

59 10.3 8.6 13.0



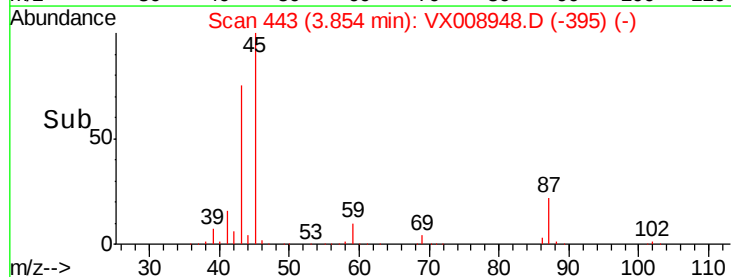
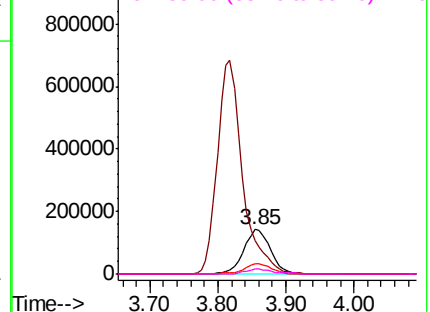
Abundance

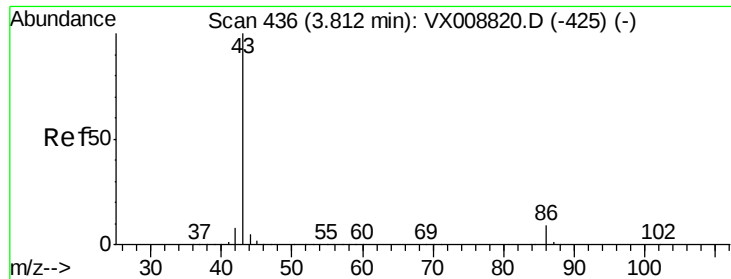
Ion 45.00 (44.70 to 45.70): VX0

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: 264.296 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

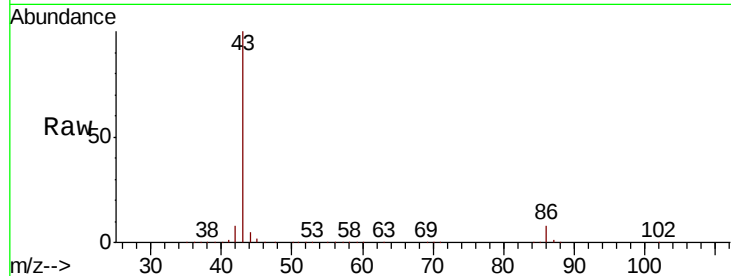
ClientSampleId :

Tot Ion: 43 Resp: 1762648

Ion Ratio Lower Upper

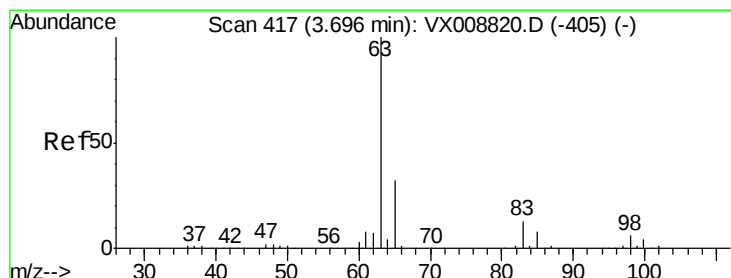
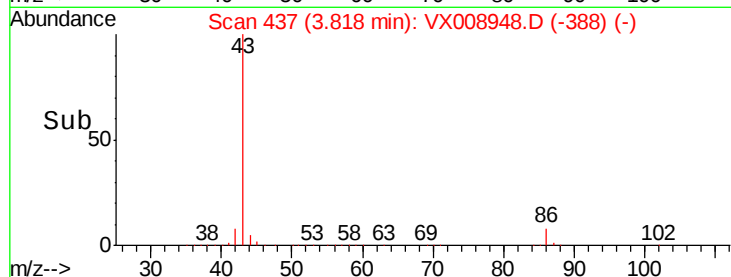
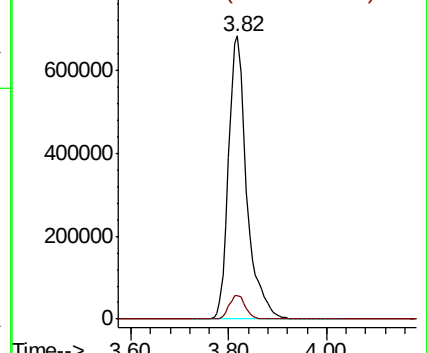
43 100

86 8.4 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX008820.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX008820.D (-425) (-)



#24

1,1-Dichloroethane

Concen: 50.947 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

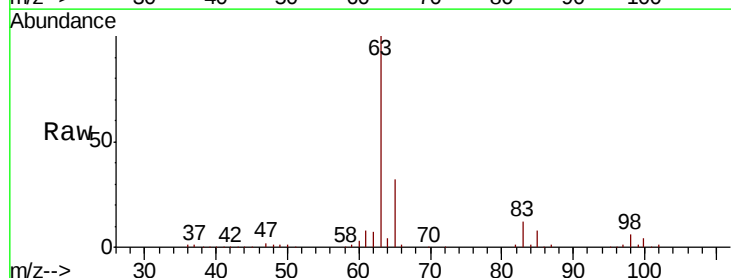
Tgt Ion: 63 Resp: 193377

Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.4

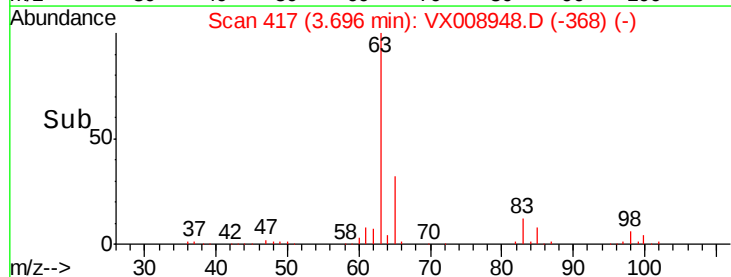
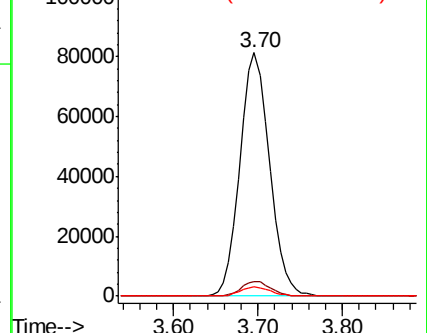
100 3.7 1.8 5.5

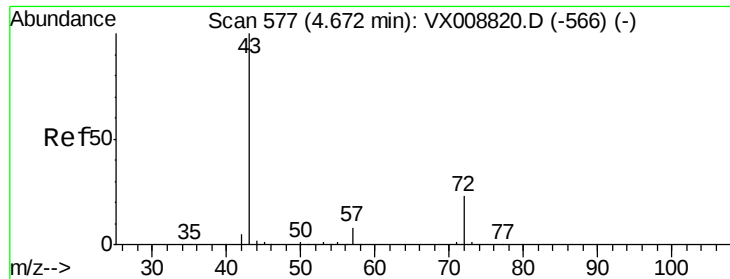


Abundance Ion 62.90 (62.60 to 63.60): VX008820.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX008820.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX008820.D (-405) (-)





#25

2-Butanone

Concen: 255.796 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

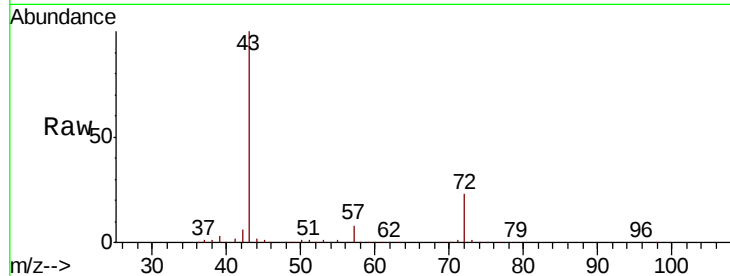
ClientSampled :

Tot Ion: 43 Resp: 510447

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

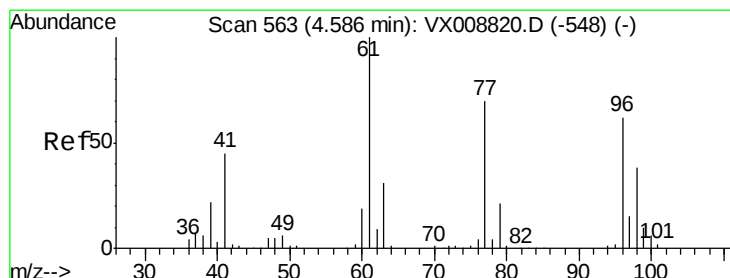
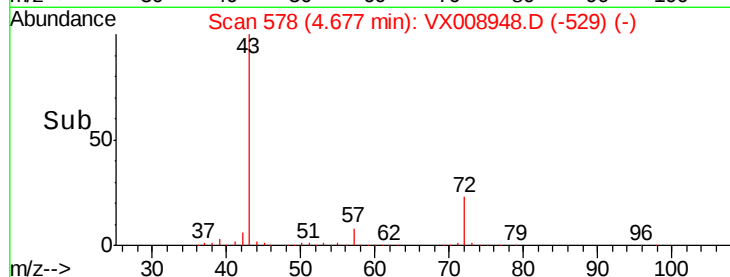
50000

0

4.68

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.748 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008948.D

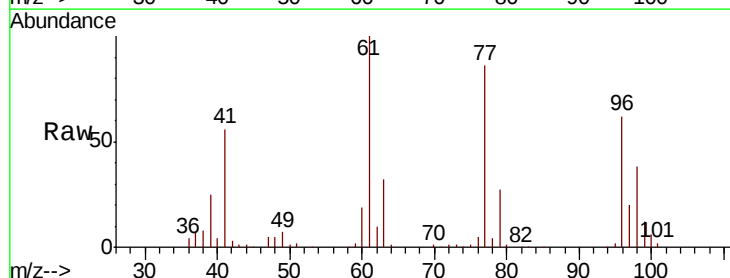
Acq: 13 Apr 2019 21:36

Tgt Ion: 77 Resp: 116954

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

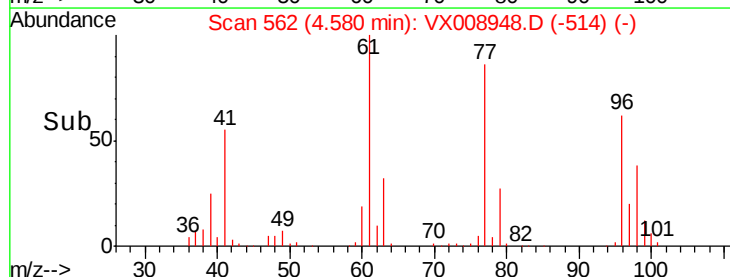
10000

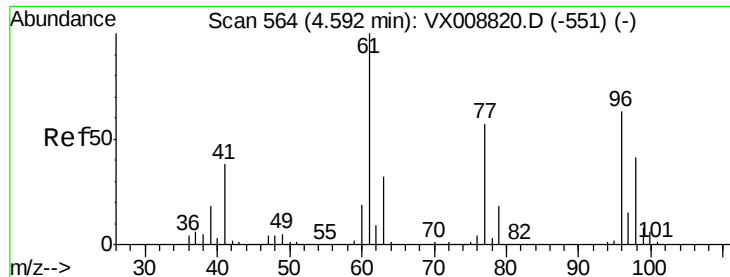
0

4.58

4.40 4.50 4.60 4.70

Time-->



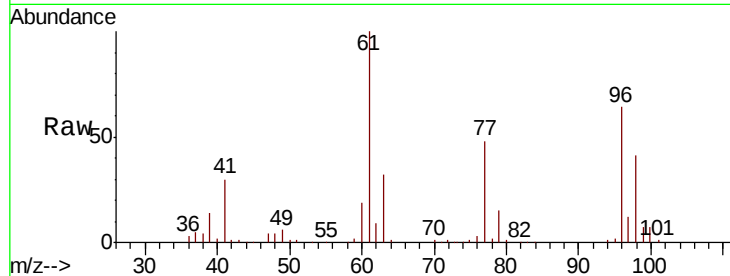


#27

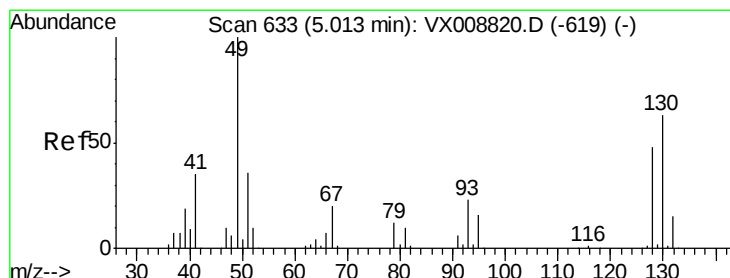
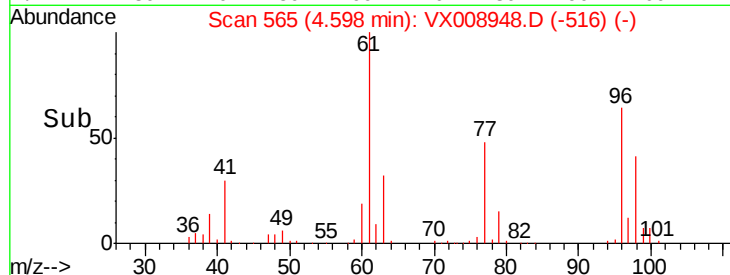
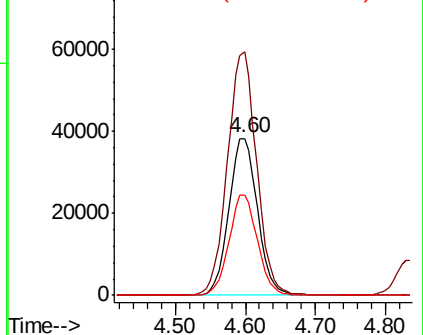
cis-1,2-Dichloroethene
Concen: 50.447 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	109003
Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	327.6
98	63.4	0.0	128.6



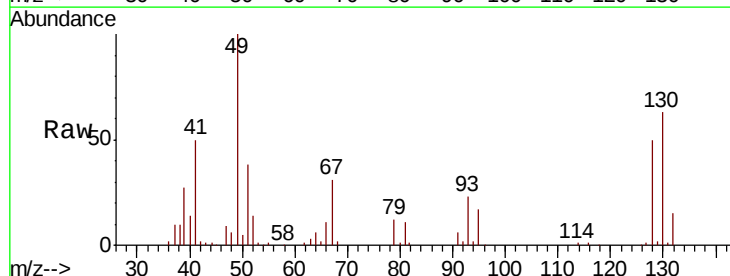
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



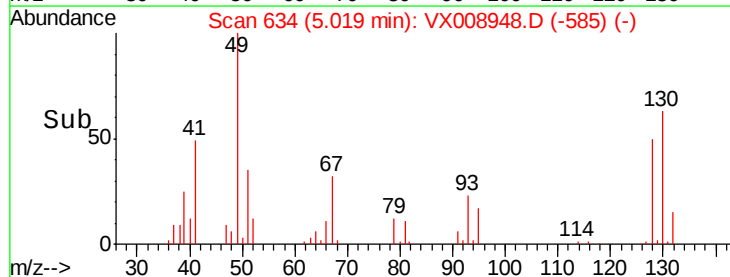
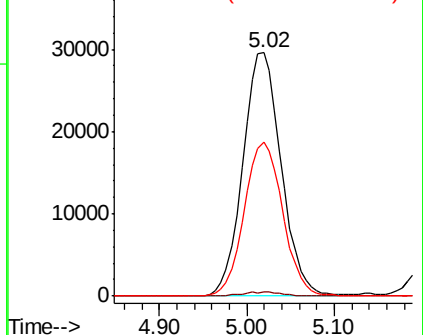
#28

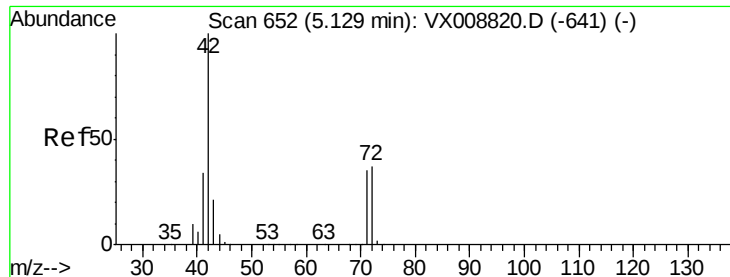
Bromochloromethane
Concen: 57.183 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion	49	Resp	89977
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.6
130	63.5	49.3	73.9



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: 257.927 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampled :

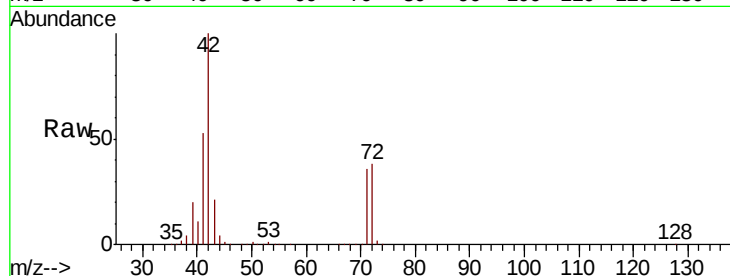
Tot Ion: 42 Resp: 341618

Ion Ratio Lower Upper

42 100

72 38.0 30.5 45.7

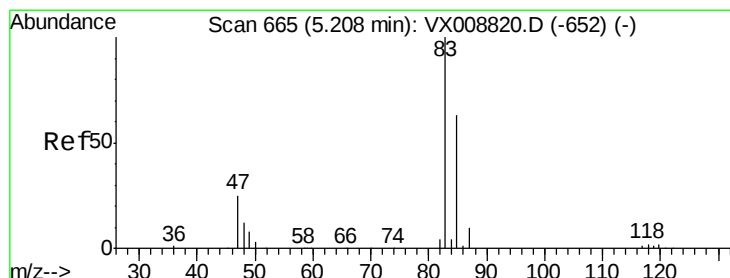
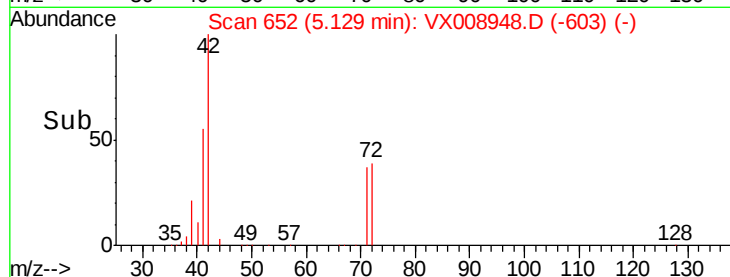
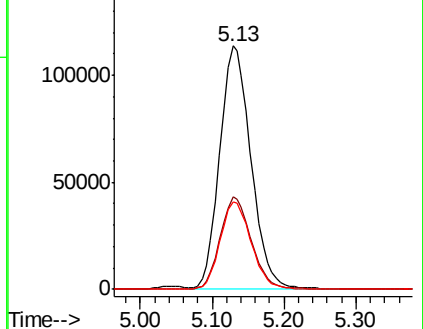
71 36.0 28.6 43.0



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: 51.737 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008948.D

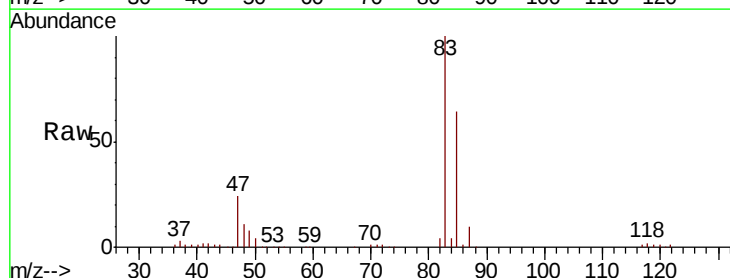
Acq: 13 Apr 2019 21:36

Tgt Ion: 83 Resp: 175398

Ion Ratio Lower Upper

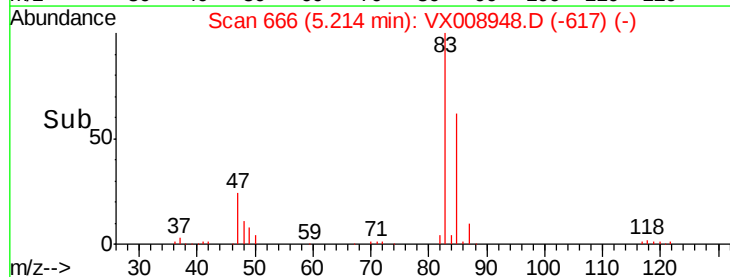
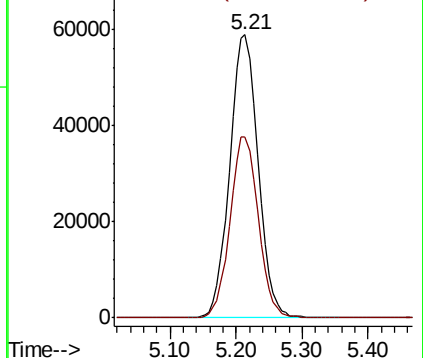
83 100

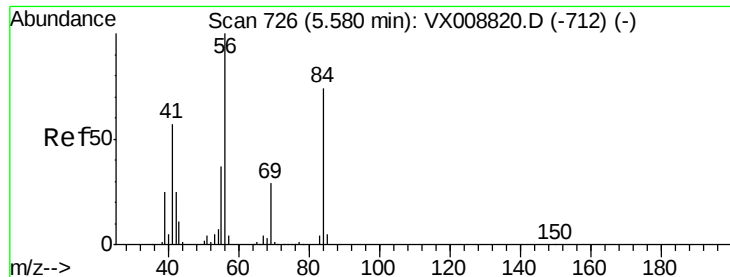
85 63.9 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

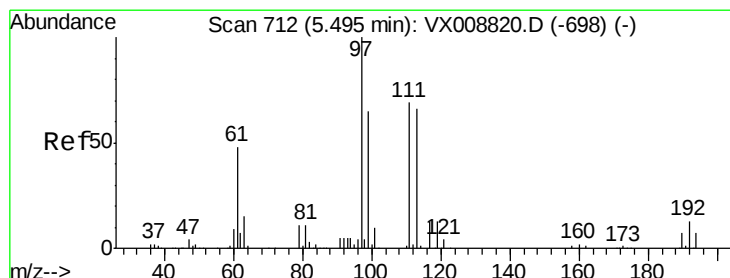
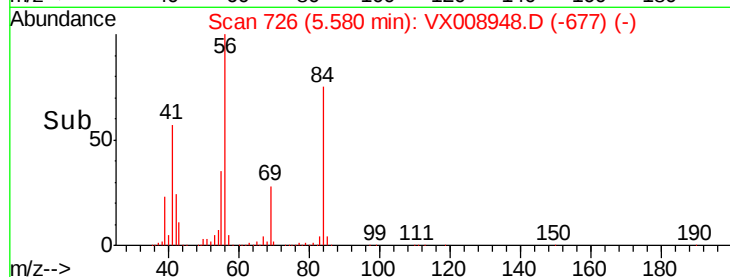
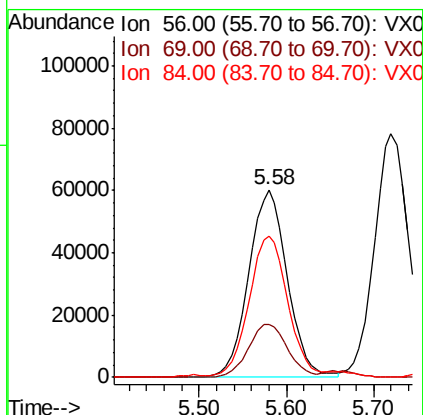
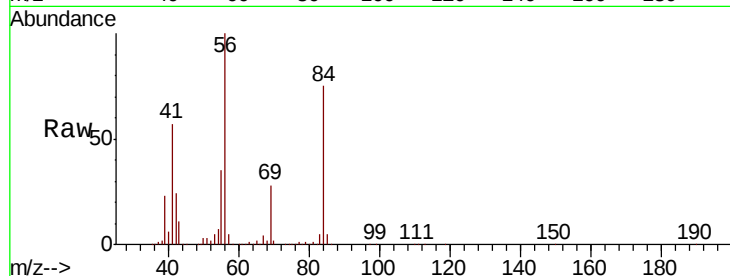




#31
Cyclohexane
Concen: 48.790 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

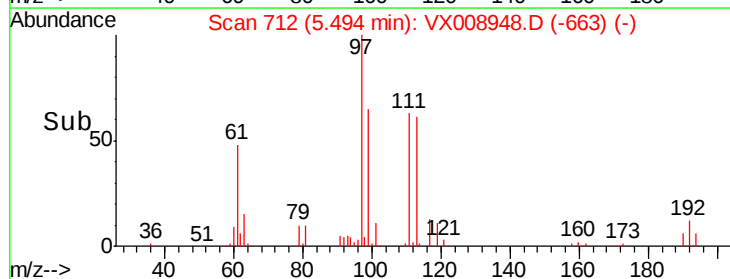
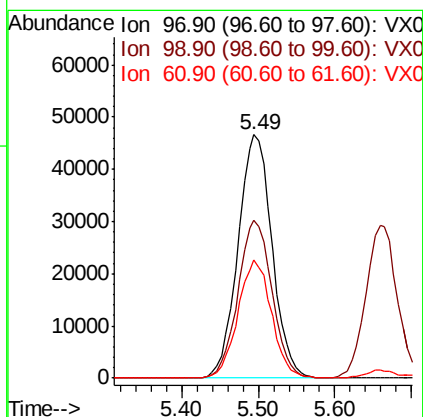
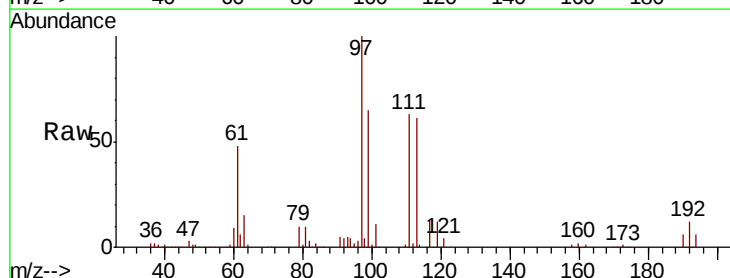
Instrument :
MSVOA_X
ClientSampleId :

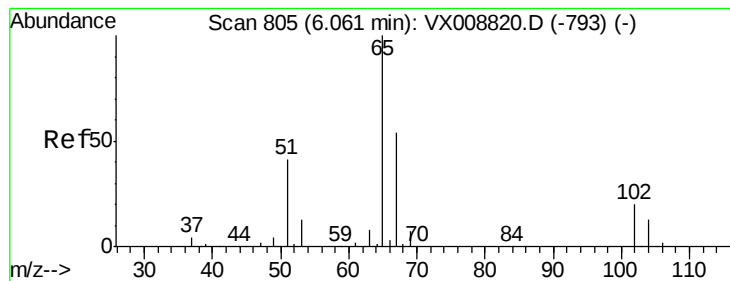
Tot Ion: 56 Resp: 184789
Ion Ratio Lower Upper
56 100
69 27.9 22.6 33.8
84 73.9 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 52.572 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 97 Resp: 144026
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 48.0 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 51.599 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

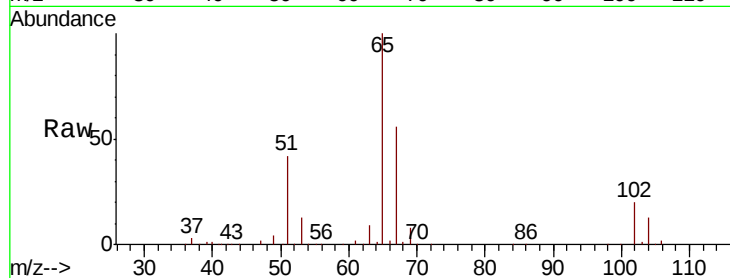
ClientSampleId :

Tot Ion: 65 Resp: 113109

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

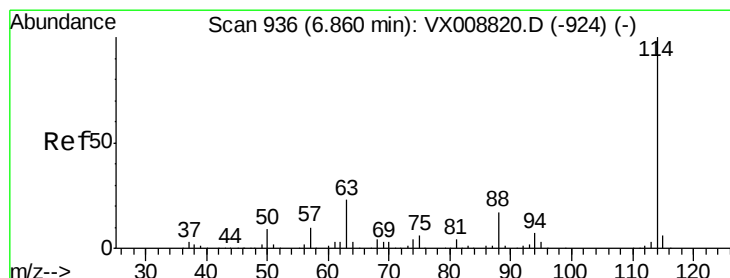
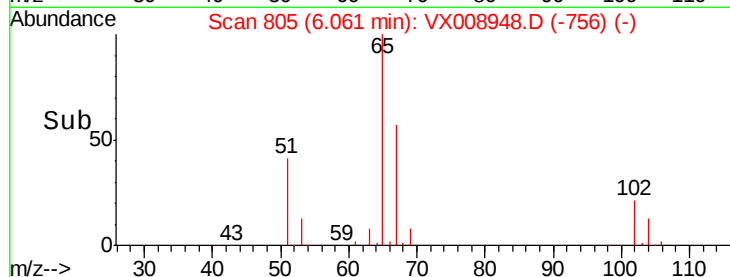
20000

10000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

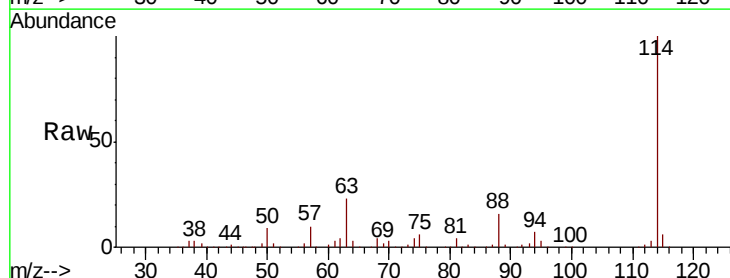
Tgt Ion: 114 Resp: 252881

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

88 15.7 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

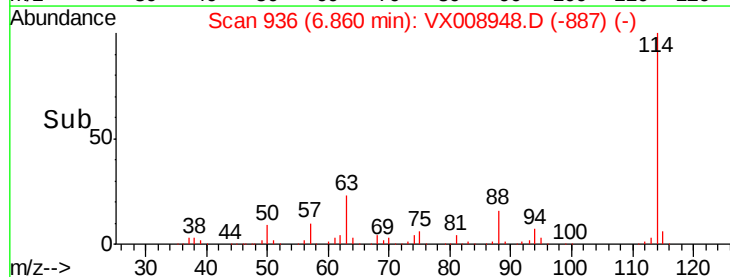
100000

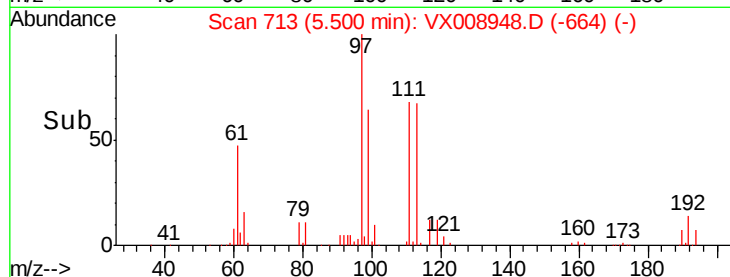
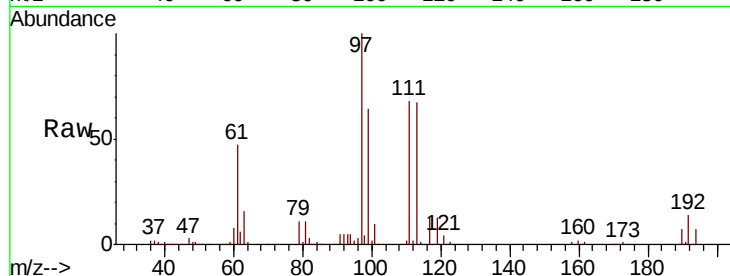
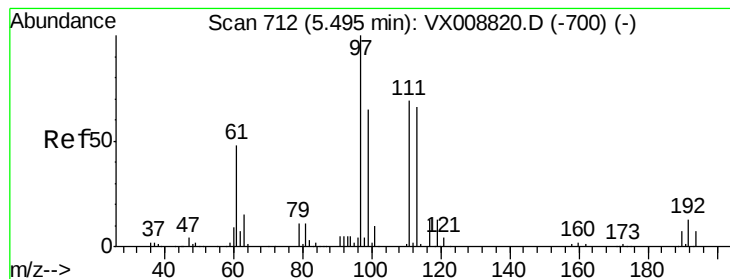
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.957 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

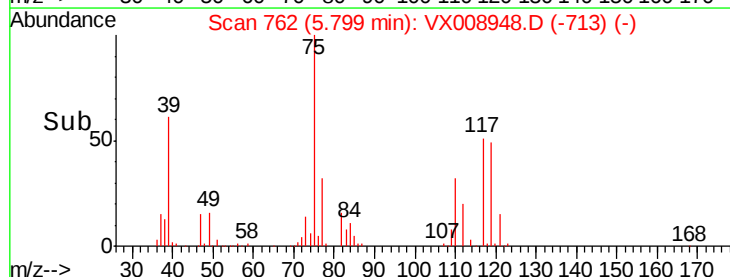
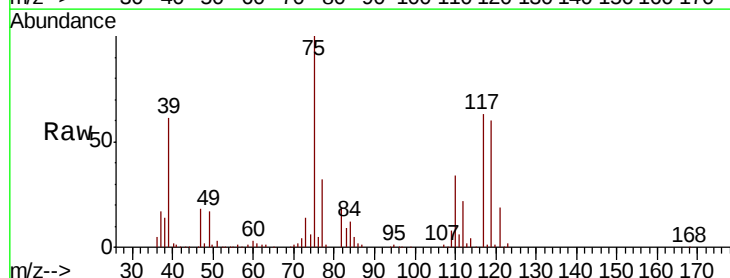
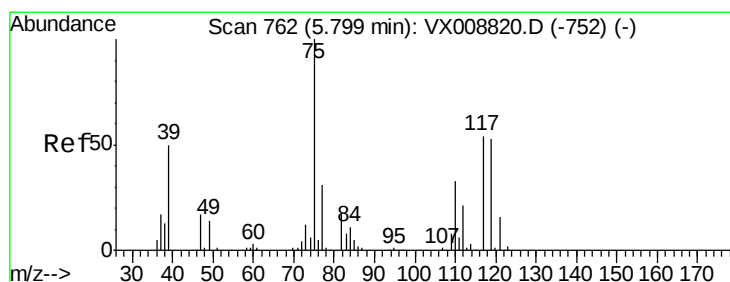
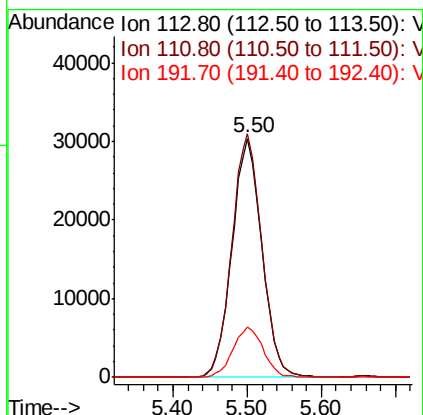
Tot Ion:113 Resp: 85623

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 21.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 48.672 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

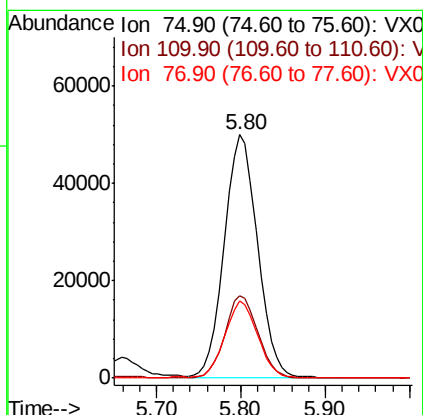
Tgt Ion: 75 Resp: 134541

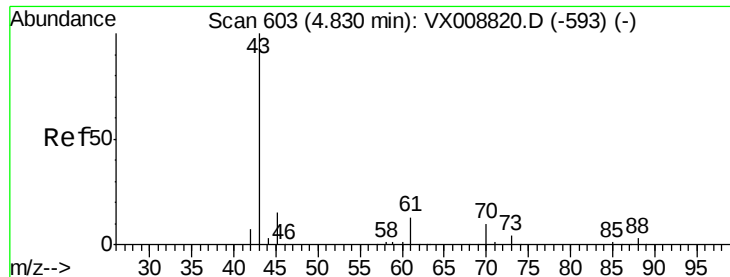
Ion Ratio Lower Upper

75 100

110 33.8 16.4 49.2

77 31.3 24.7 37.1

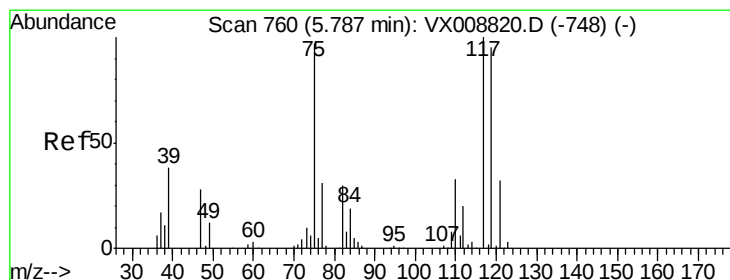
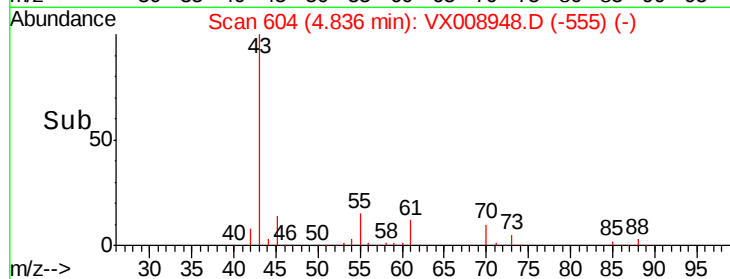
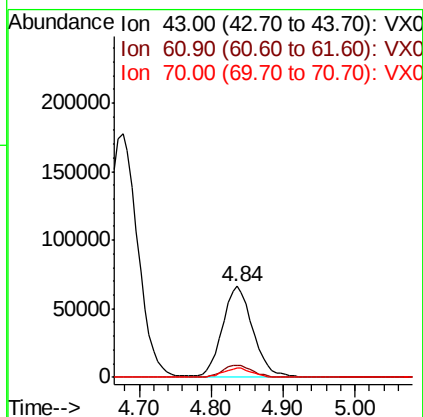
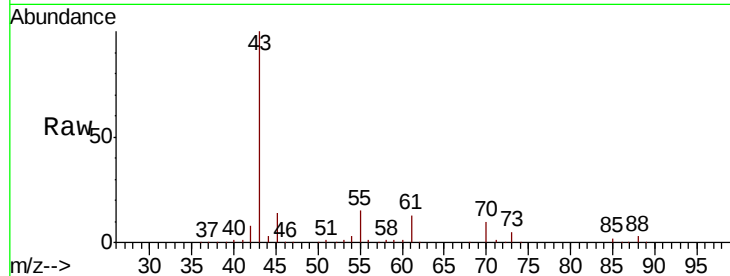




#37
Ethyl Acetate
Concen: 52.472 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

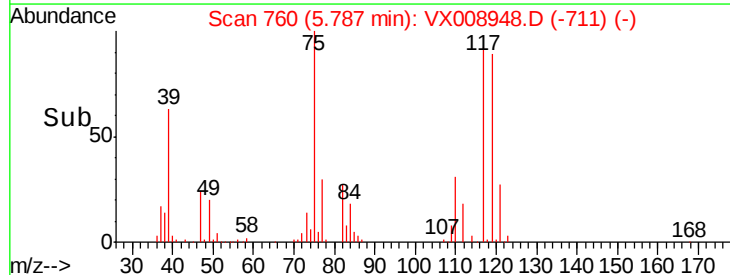
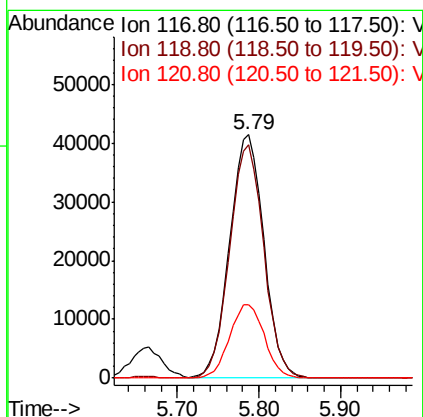
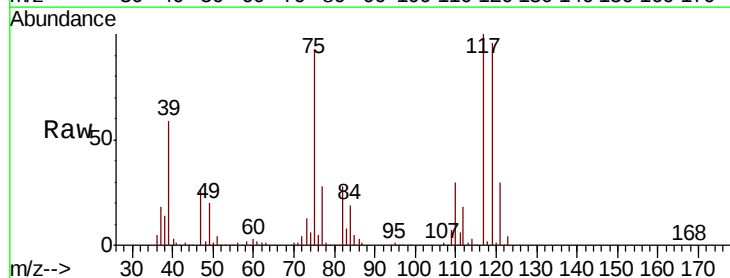
Instrument :
MSVOA_X
ClientSampleID :

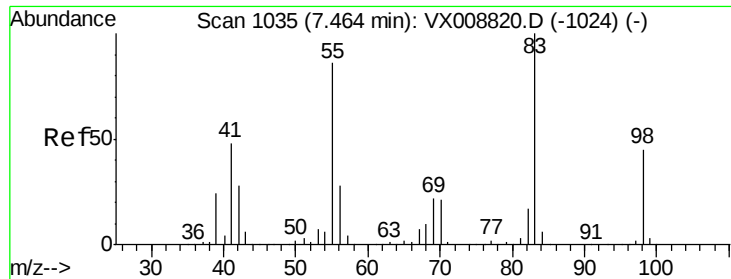
Tot Ion: 43 Resp: 193605
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 52.505 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 117 Resp: 120123
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.6
121 30.3 24.3 36.5

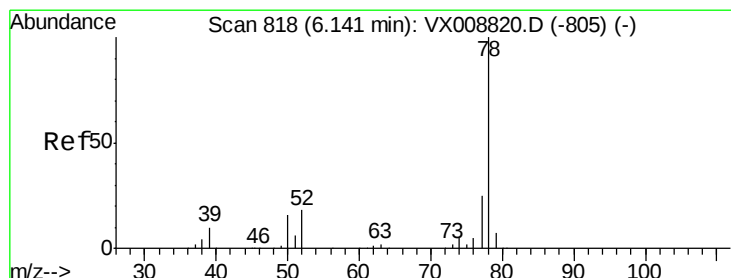
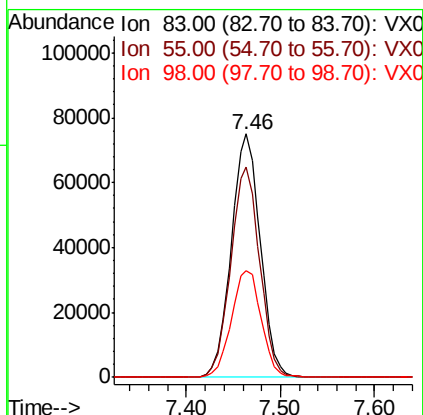
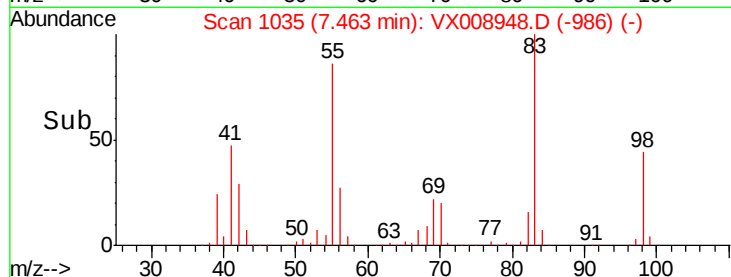
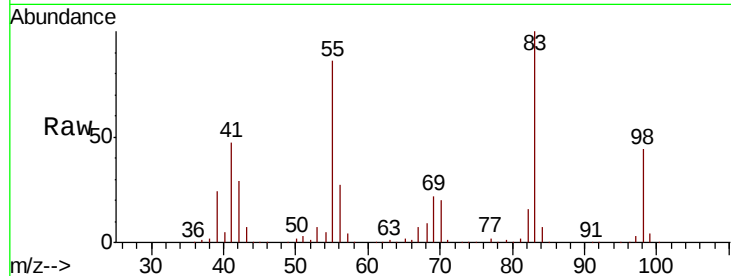




#39
Methvlcvclohexane
Concen: 47.074 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

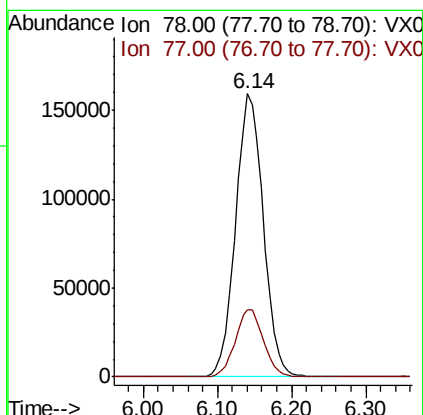
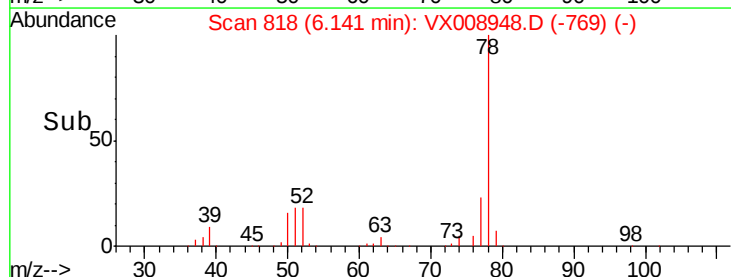
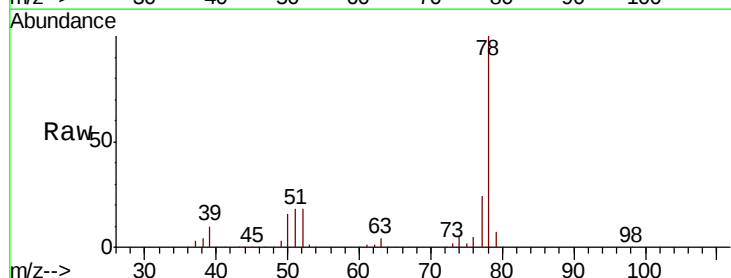
Instrument :
MSVOA_X
ClientSampleId :

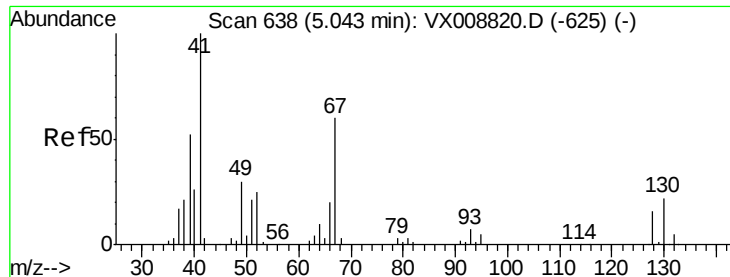
Tot Ion: 83 Resp: 160746
Ion Ratio Lower Upper
83 100
55 86.3 69.0 103.6
98 44.0 34.4 51.6



#40
Benzene
Concen: 50.638 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 78 Resp: 417004
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#41

Methacrylonitrile

Concen: 51.606 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 109450

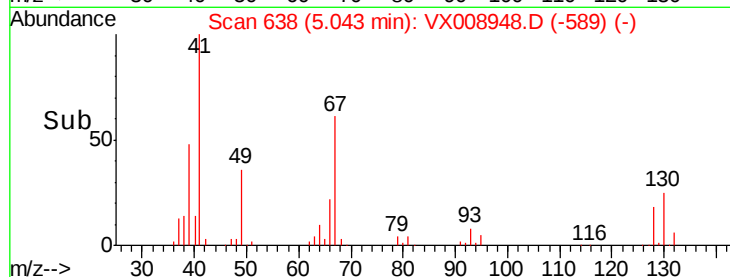
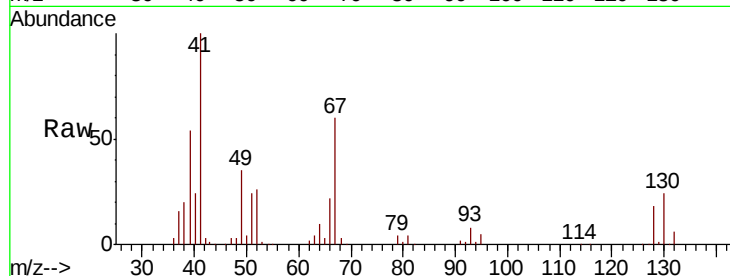
Ion Ratio Lower Upper

41 100

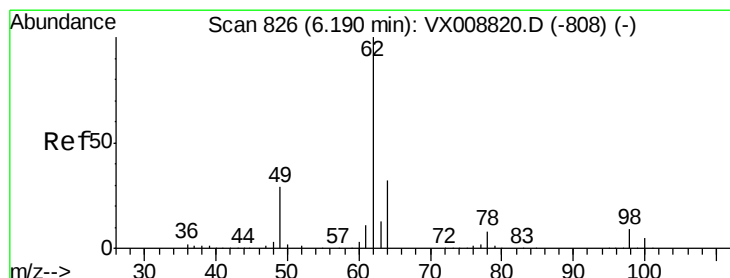
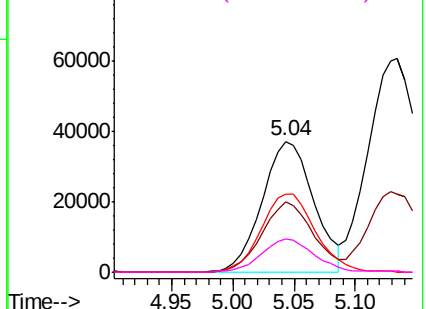
39 53.4 42.1 63.1

67 63.0 51.0 76.6

52 26.8 21.4 32.0



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: 50.392 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008948.D

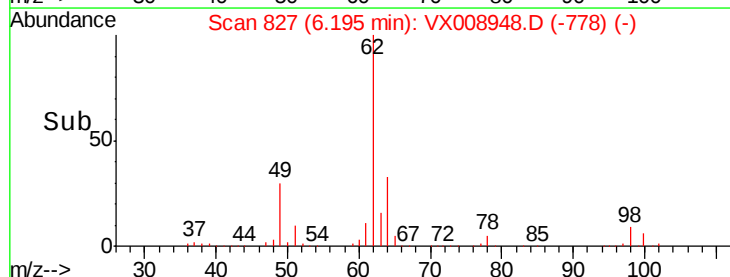
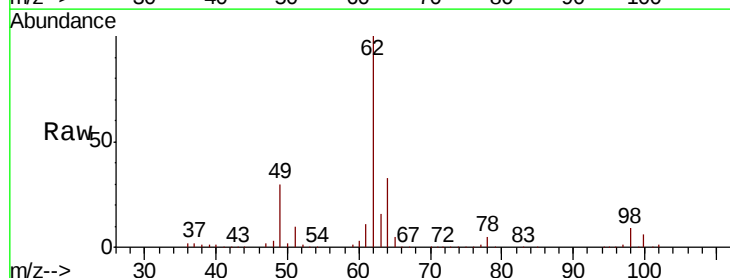
Acq: 13 Apr 2019 21:36

Tgt Ion: 62 Resp: 148770

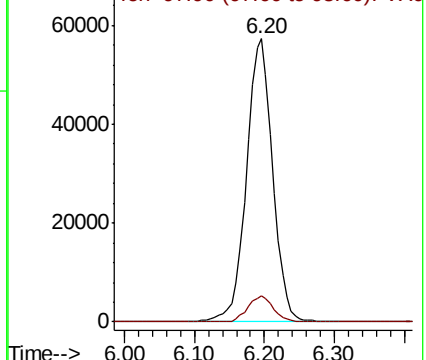
Ion Ratio Lower Upper

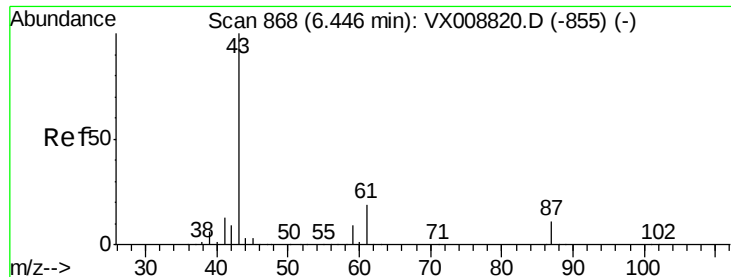
62 100

98 8.9 0.0 18.0



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





#43

Isopropyl Acetate

Concen: 53.133 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :

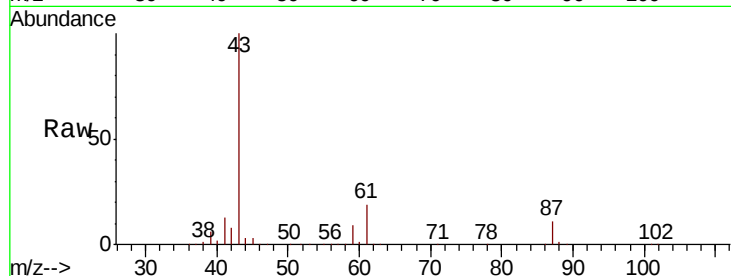
Tot Ion: 43 Resp: 307103

Ion Ratio Lower Upper

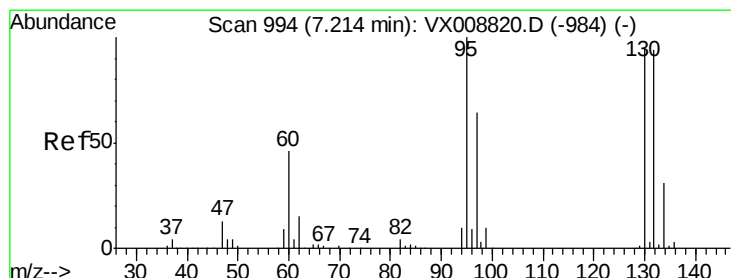
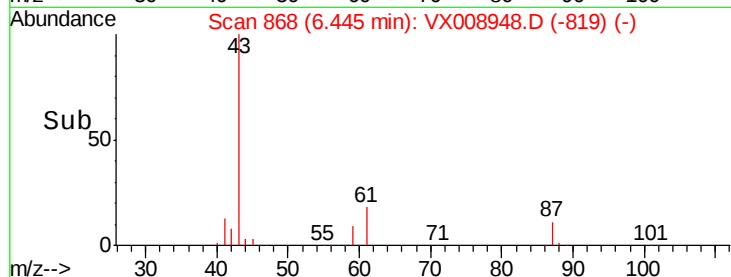
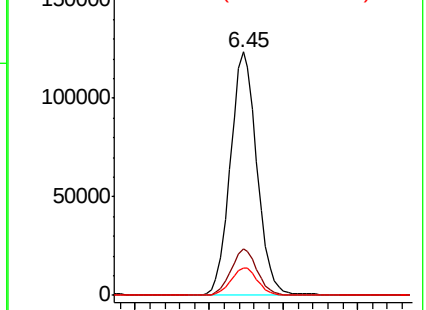
43 100

61 19.0 15.3 22.9

87 11.3 9.0 13.6



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: 51.165 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008948.D

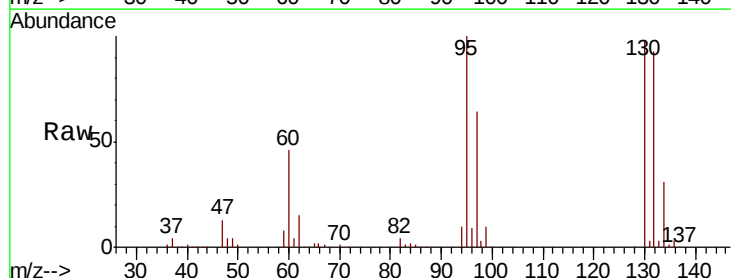
Acq: 13 Apr 2019 21:36

Tgt Ion:130 Resp: 98133

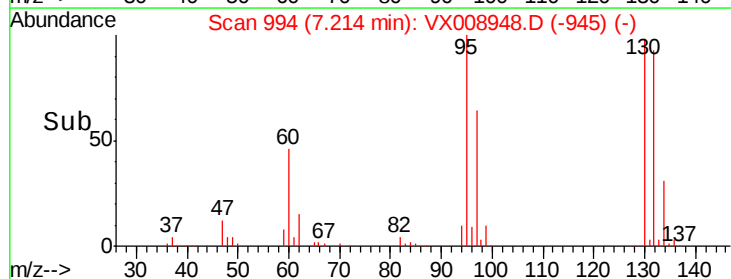
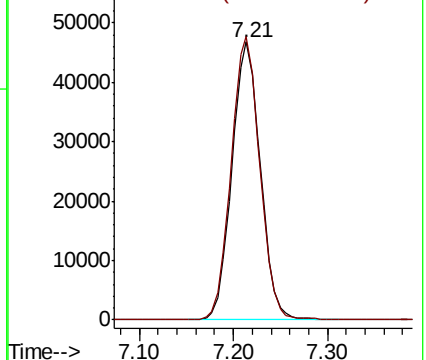
Ion Ratio Lower Upper

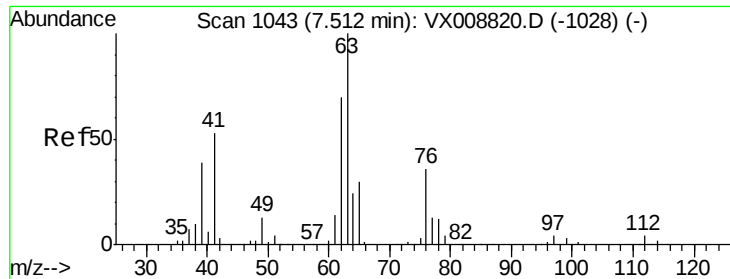
130 100

95 101.8 0.0 209.8



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





#45

1,2-Dichloropropane

Concen: 49.962 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

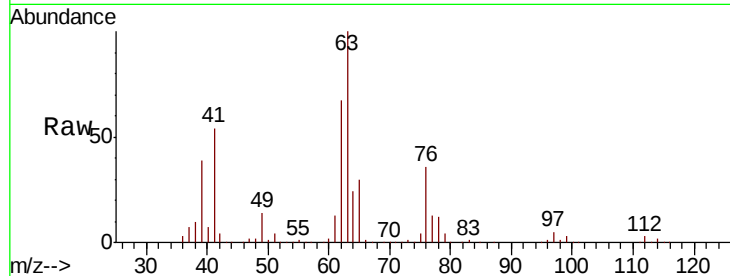
ClientSampleId :

Tot Ion: 63 Resp: 117435

Ion Ratio Lower Upper

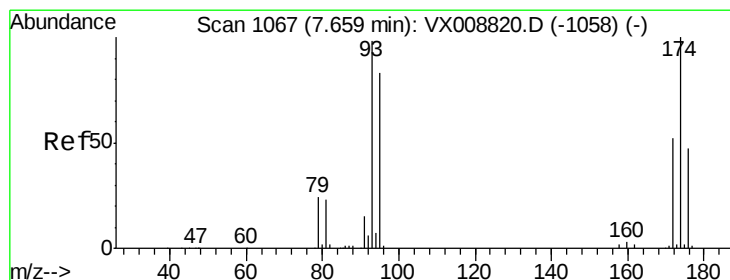
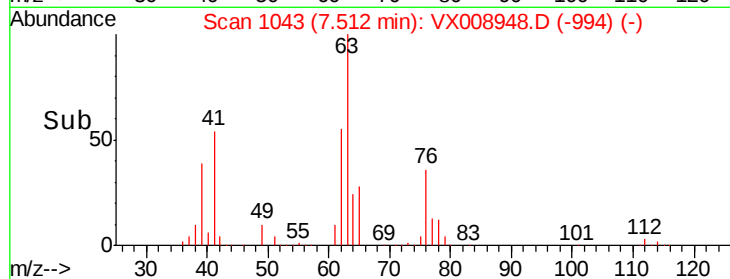
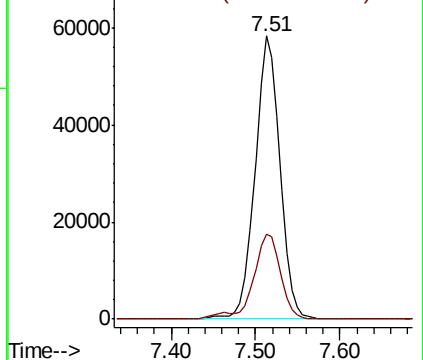
63 100

65 29.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.628 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

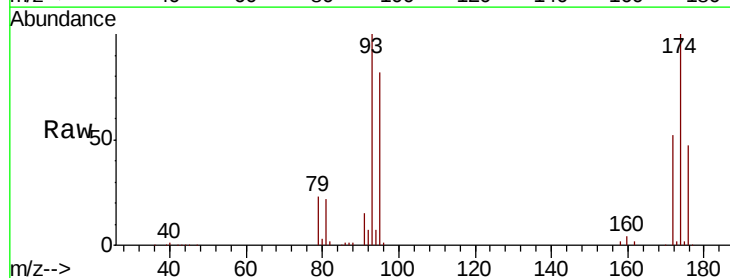
Tgt Ion: 93 Resp: 67654

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

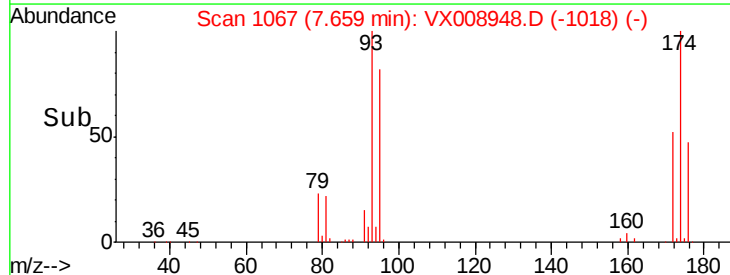
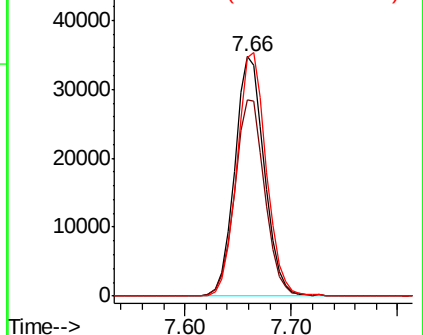
174 101.1 77.7 116.5

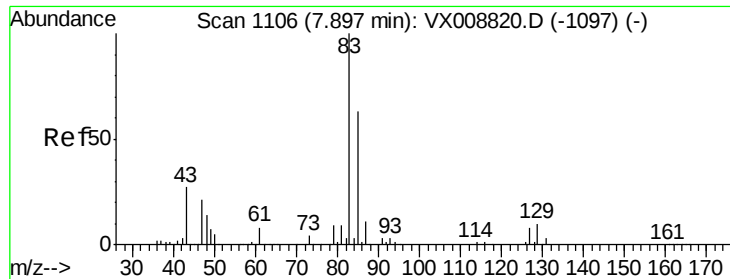


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.055 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

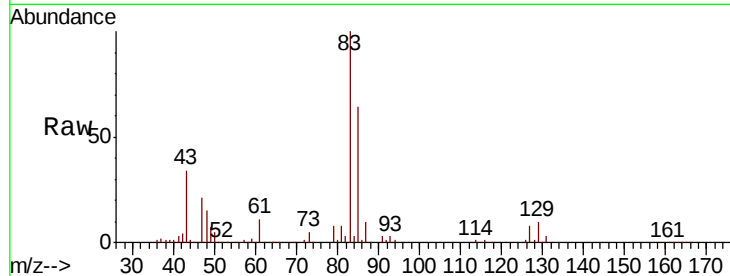
Tot Ion: 83 Resp: 133800

Ion Ratio Lower Upper

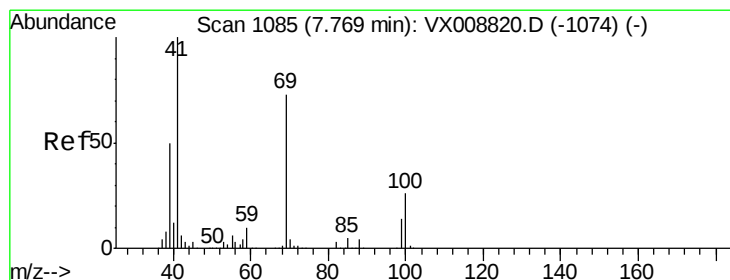
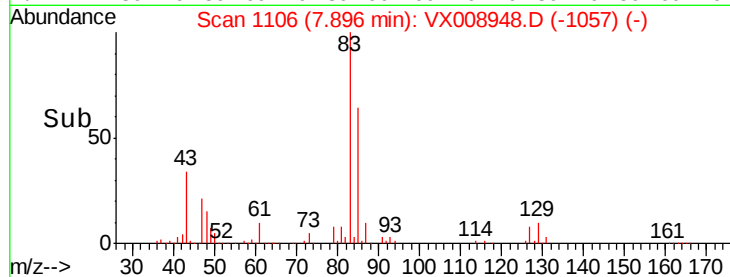
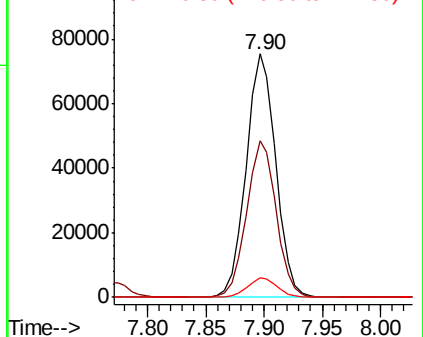
83 100

85 64.2 51.2 76.8

127 8.0 6.6 10.0



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: 52.263 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

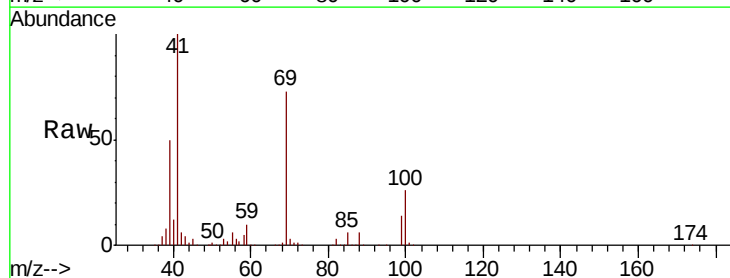
Tgt Ion: 41 Resp: 152804

Ion Ratio Lower Upper

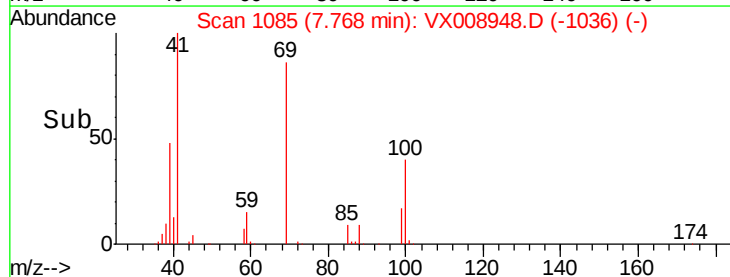
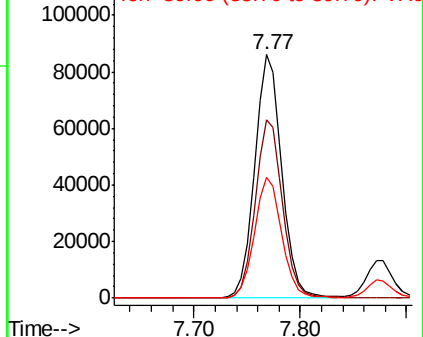
41 100

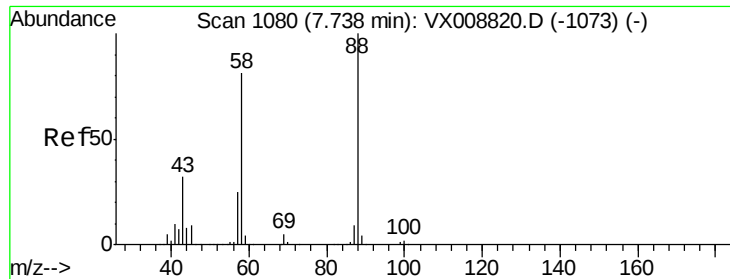
69 74.2 59.0 88.4

39 50.5 41.0 61.4



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

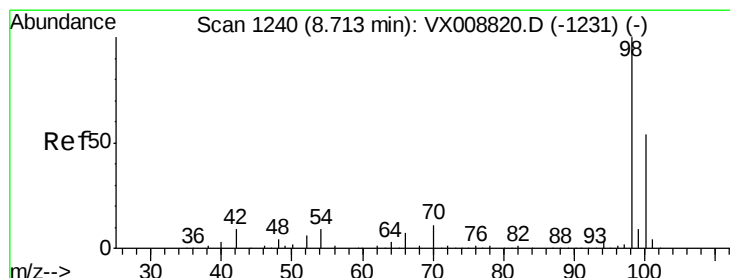
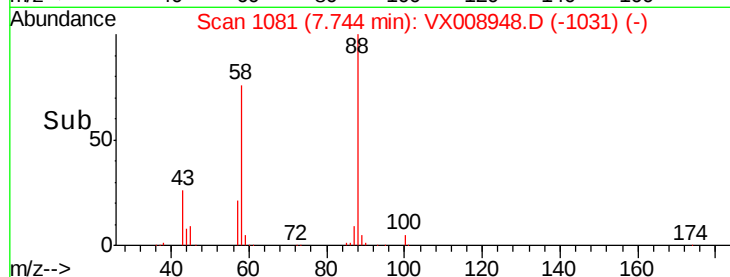
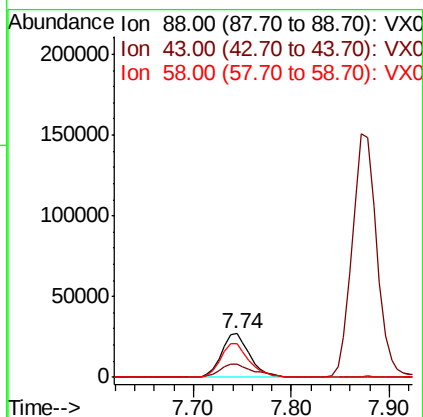
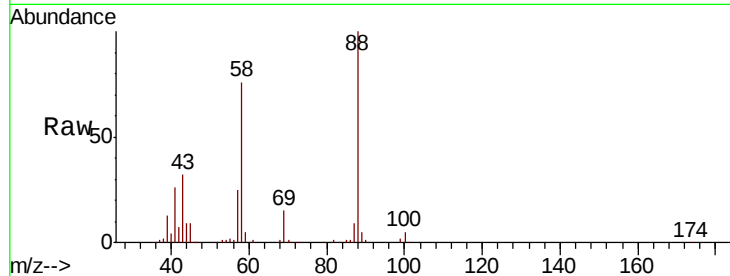




#49
1,4-Dioxane
Concen: 985.825 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

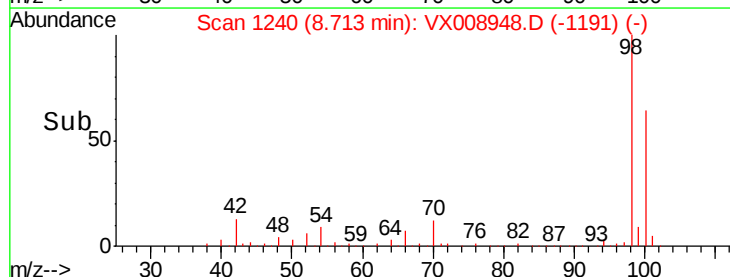
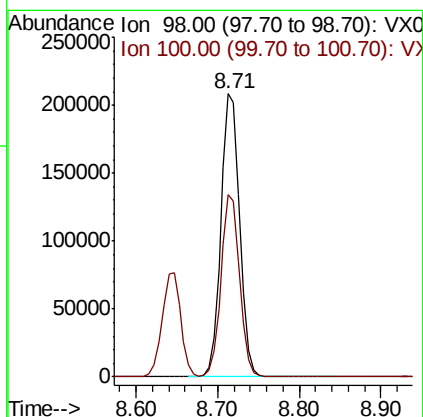
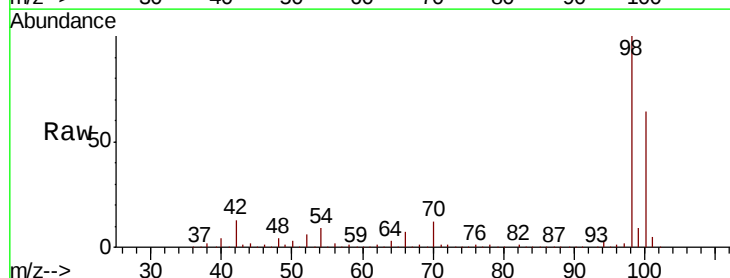
Instrument :
MSVOA_X
ClientSampleId :

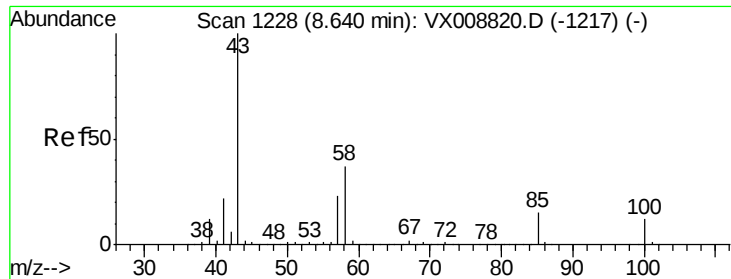
Tot Ion: 88 Resp: 53994
Ion Ratio Lower Upper
88 100
43 36.6 28.6 43.0
58 78.9 62.2 93.2



#50
Toluene-d8
Concen: 51.432 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 98 Resp: 331106
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 262.020 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

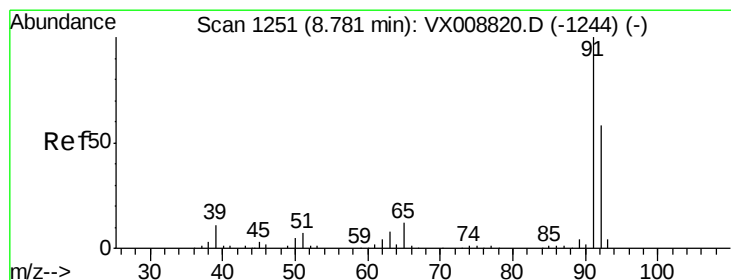
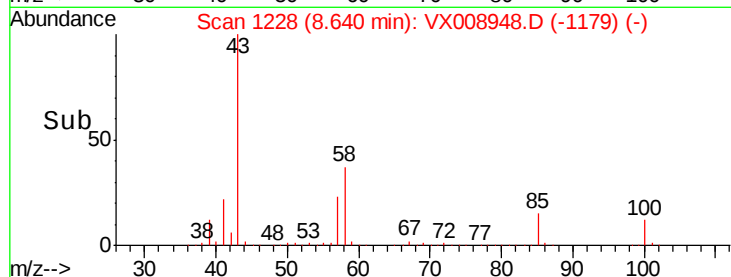
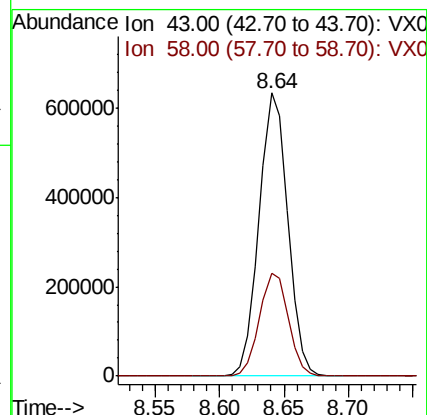
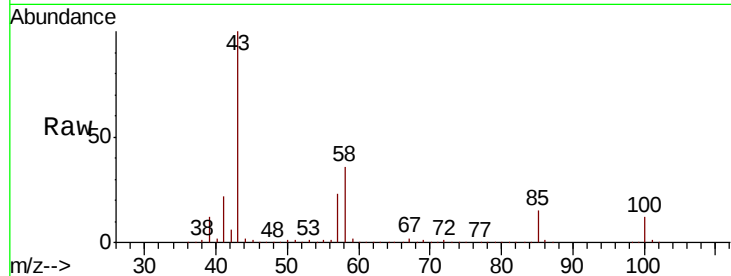
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 974908

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



#52

Toluene

Concen: 50.716 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008948.D

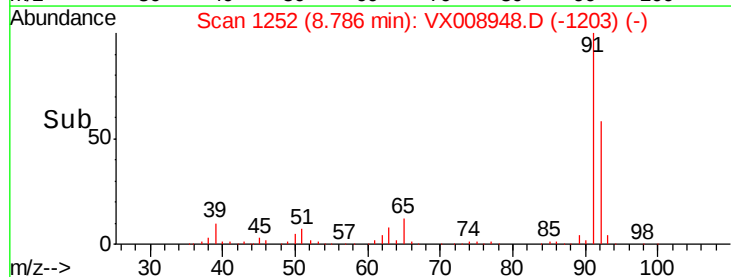
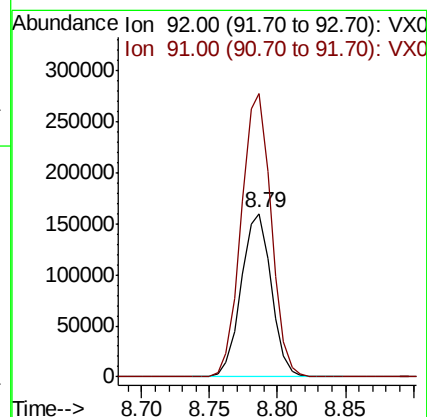
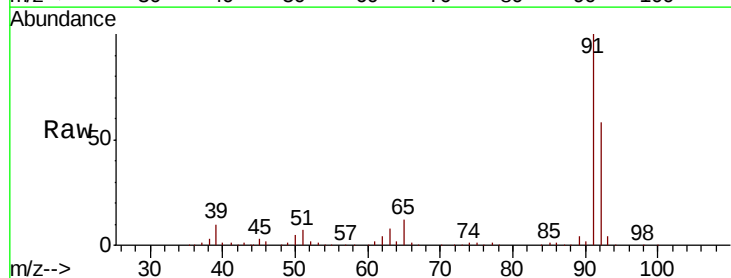
Acq: 13 Apr 2019 21:36

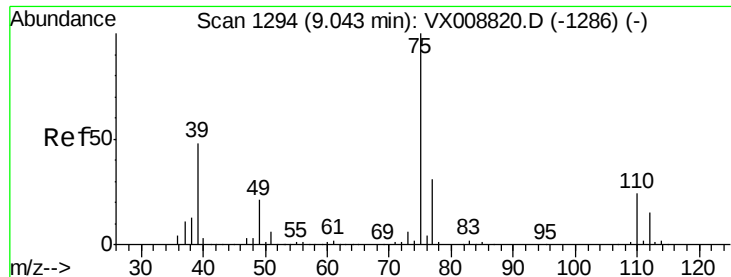
Tgt Ion: 92 Resp: 246226

Ion Ratio Lower Upper

92 100

91 173.5 138.5 207.7

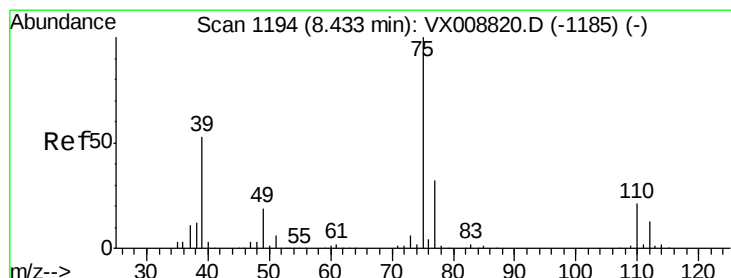
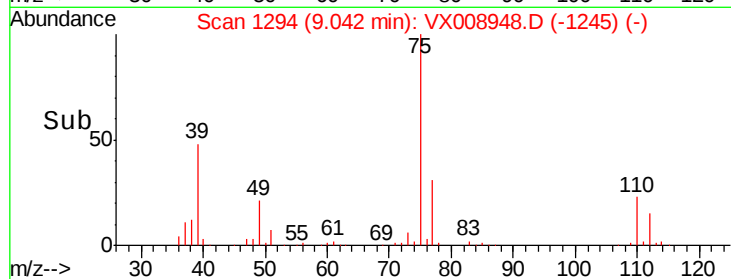
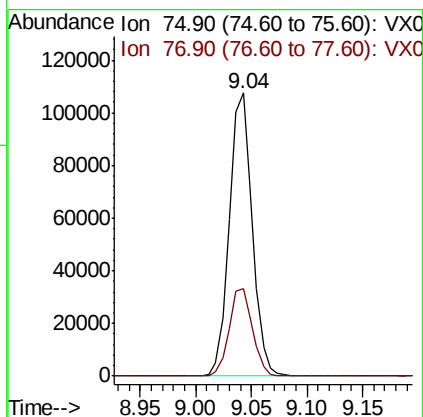
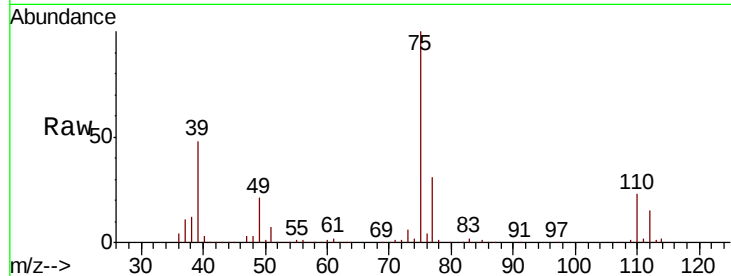




#53
 t-1,3-Dichloropropene
 Concen: 53.187 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

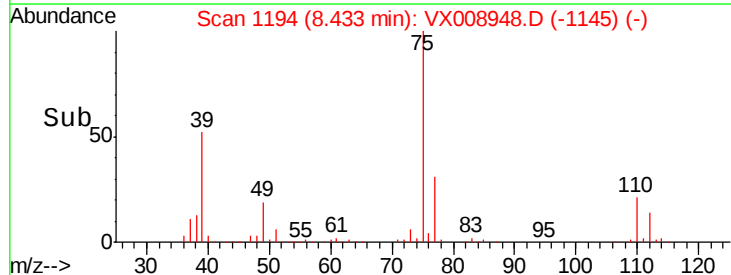
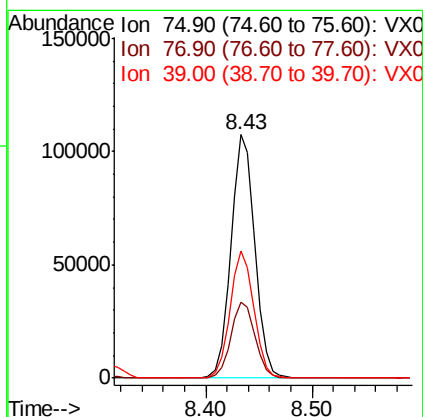
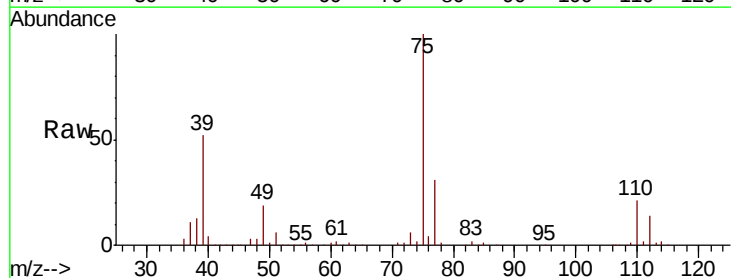
Instrument :
 MSVOA_X
 ClientSampleId :

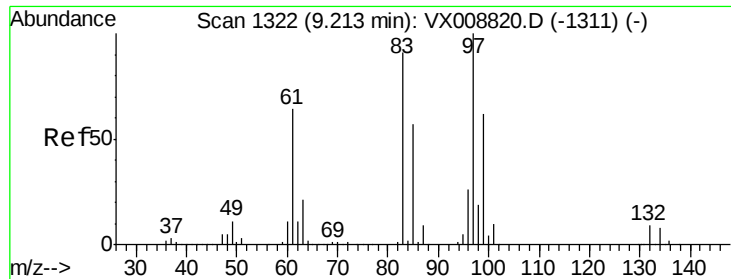
Tot Ion: 75 Resp: 153138
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.281 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion: 75 Resp: 168712
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 52.3 42.6 63.8

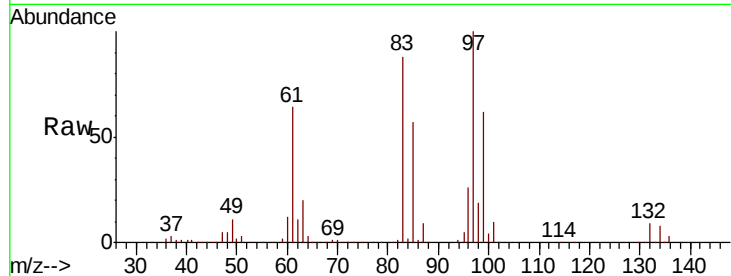




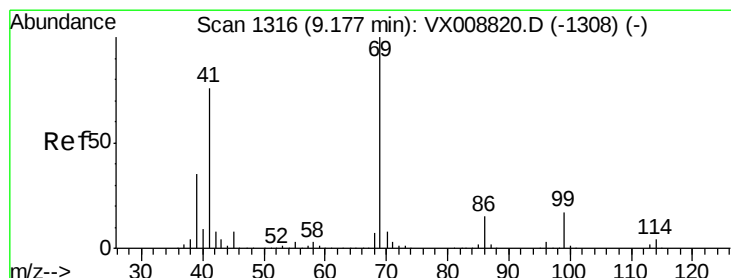
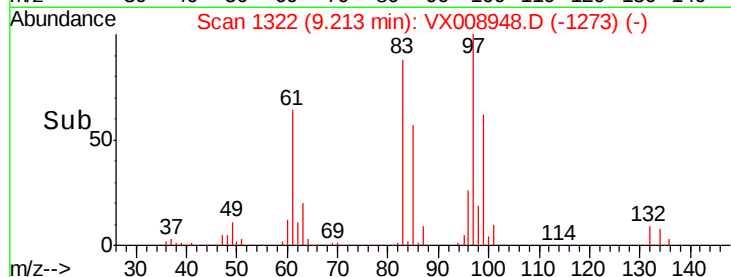
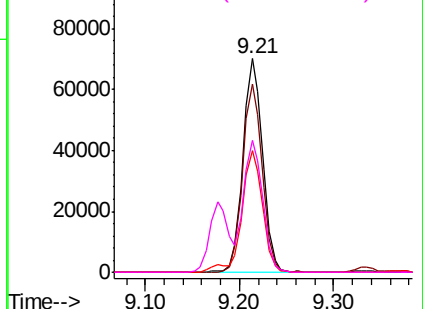
#55
 1,1,2-Trichloroethane
 Concen: 52.025 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 101388
 Ion Ratio Lower Upper
 97 100
 83 88.4 73.2 109.8
 85 56.7 46.6 69.8
 99 62.0 50.1 75.1

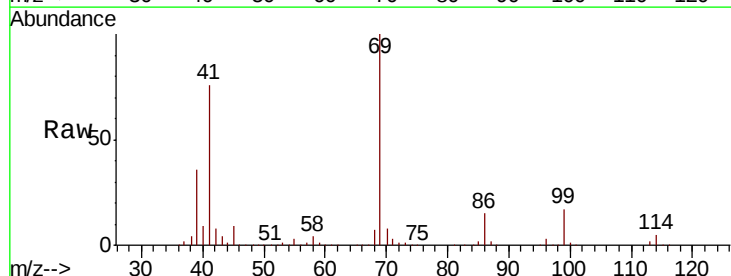


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

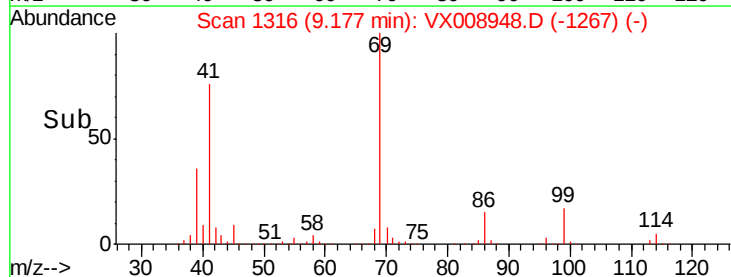
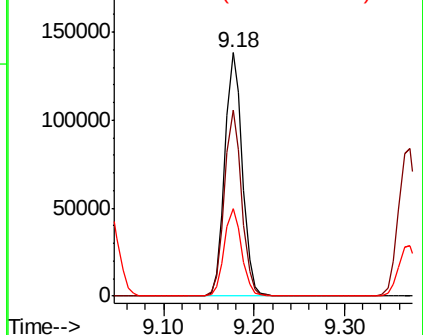


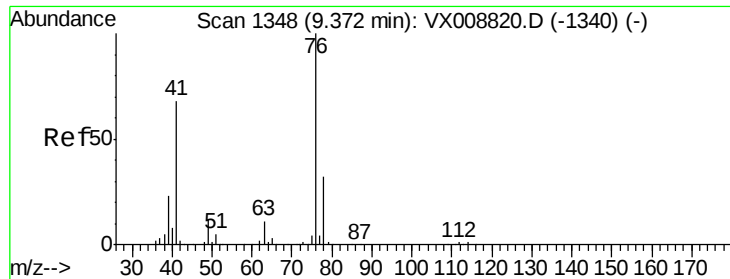
#56
 Ethyl methacrylate
 Concen: 52.801 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion: 69 Resp: 186178
 Ion Ratio Lower Upper
 69 100
 41 75.0 60.1 90.1
 39 35.4 28.9 43.3



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





#57

1,3-Dichloropropane

Concen: 51.454 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

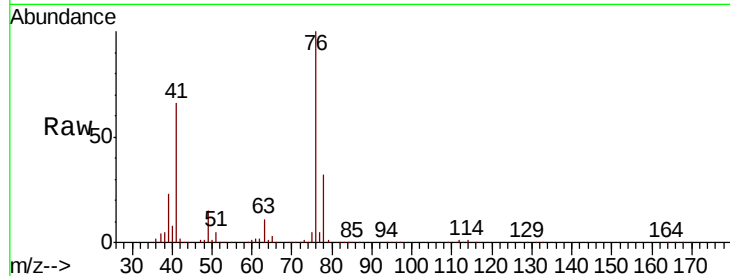
ClientSampled :

Tot Ion: 76 Resp: 180058

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

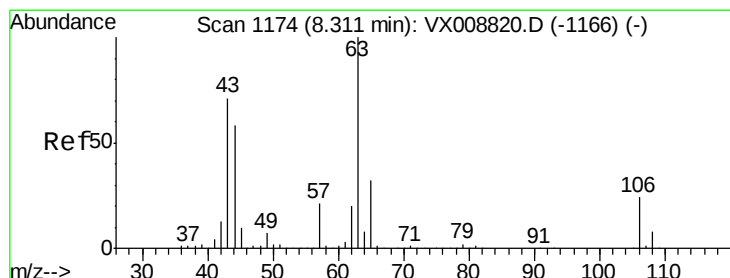
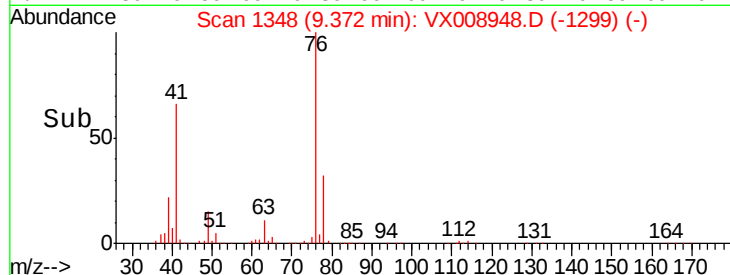
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.572 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008948.D

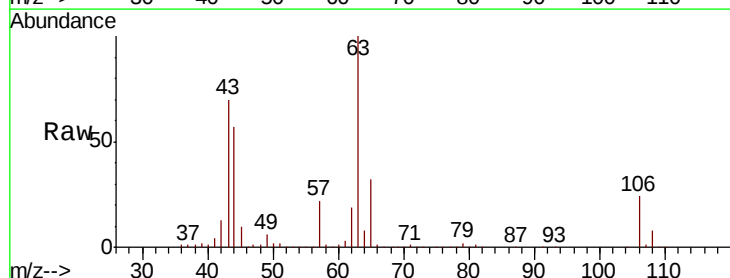
Acq: 13 Apr 2019 21:36

Tgt Ion: 63 Resp: 456546

Ion Ratio Lower Upper

63 100

106 24.4 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

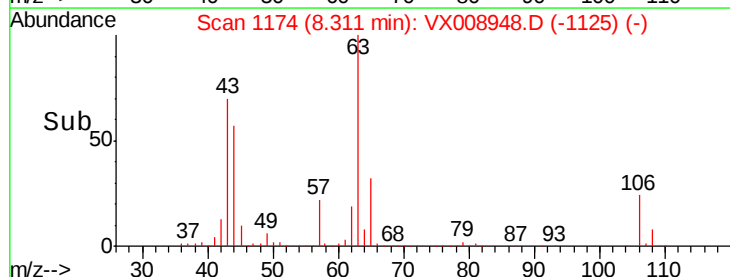
300000

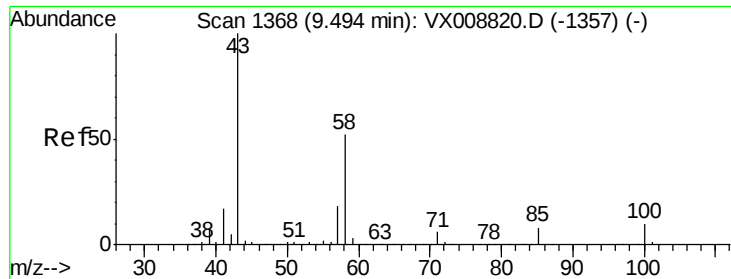
200000

100000

0

Time-->

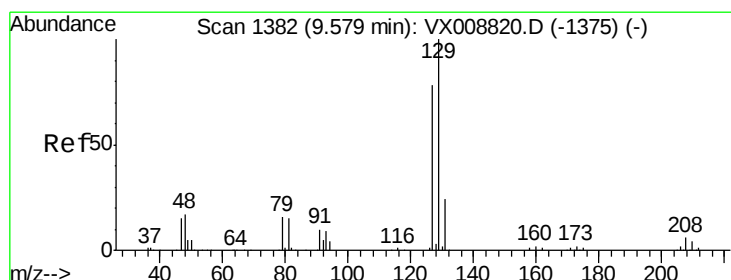
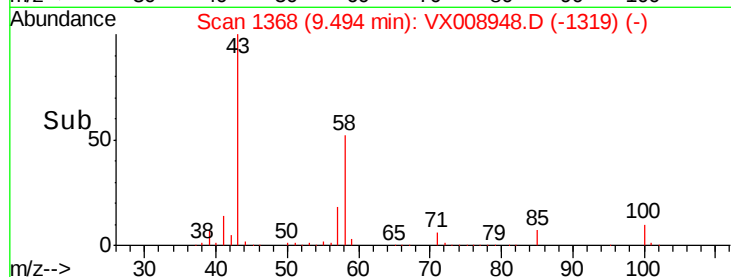
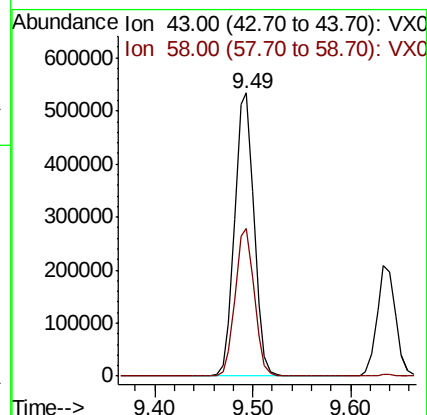
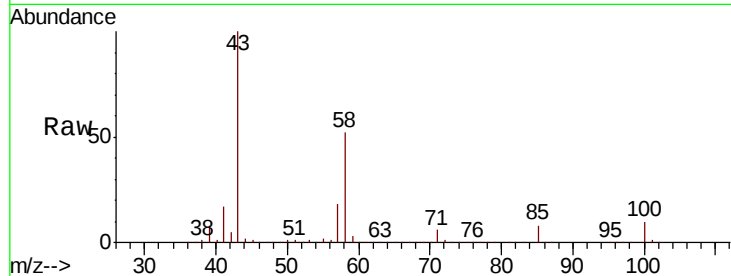




#59
2-Hexanone
Concen: 254.034 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

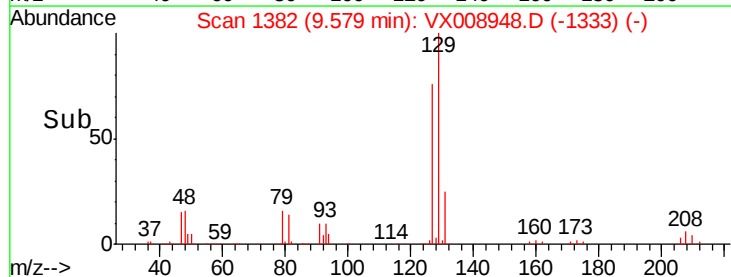
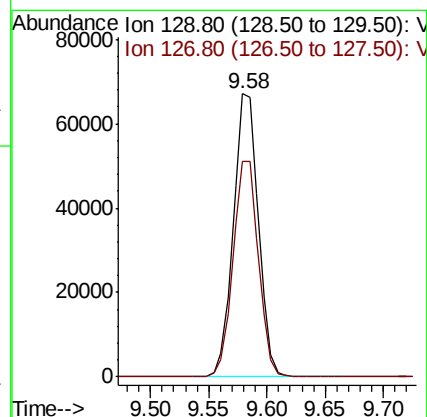
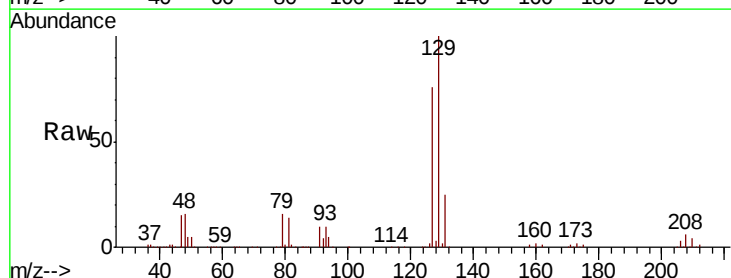
Instrument :
MSVOA_X
ClientSampleId :

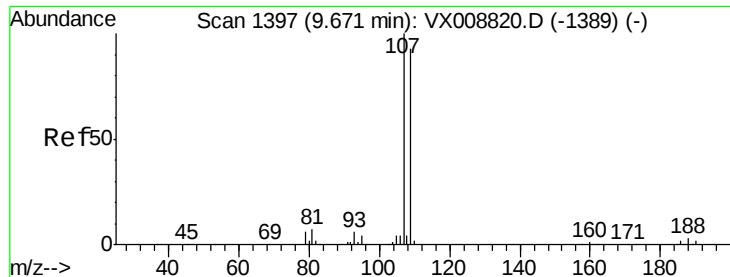
Tot Ion: 43 Resp: 734554
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 54.646 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 129 Resp: 100352
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

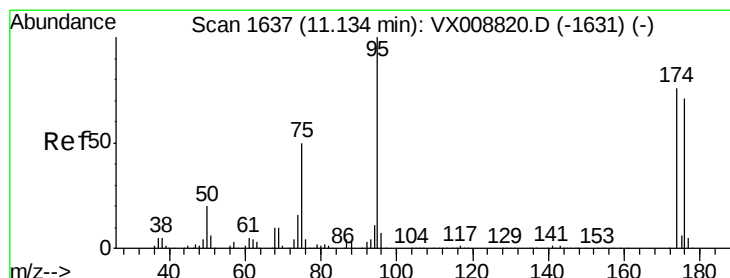
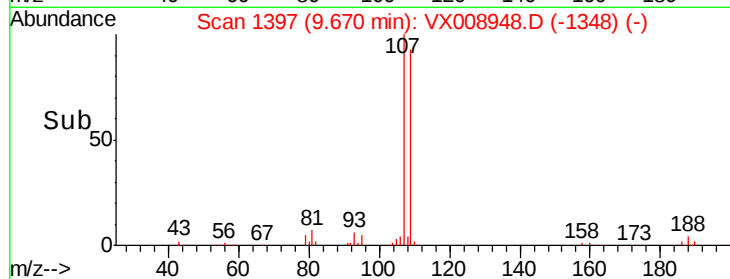
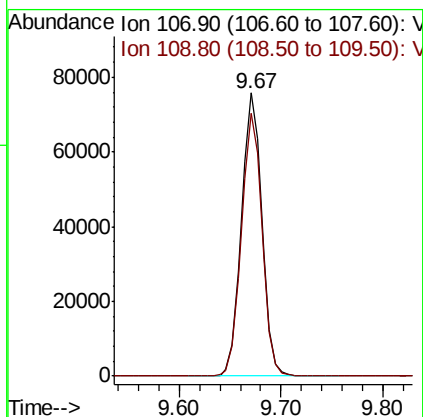
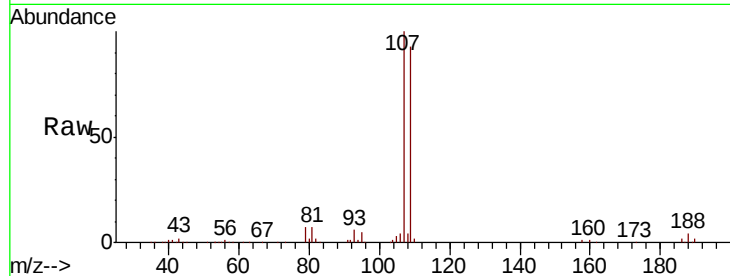




#61
 1,2-Dibromoethane
 Concen: 51.556 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

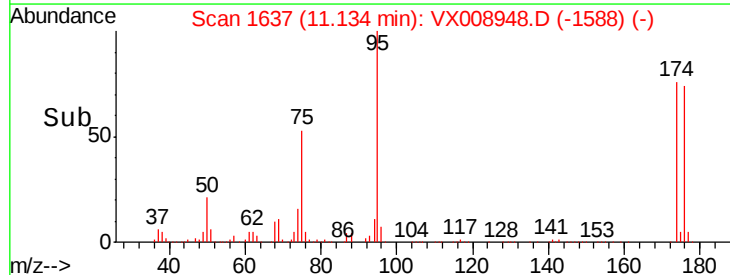
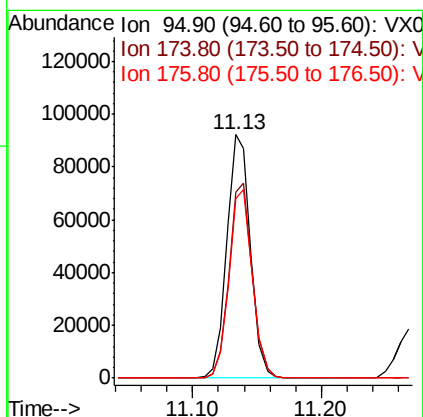
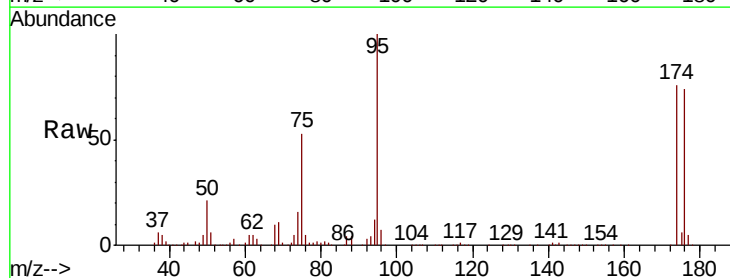
Instrument :
 MSVOA_X
 ClientSampleId :

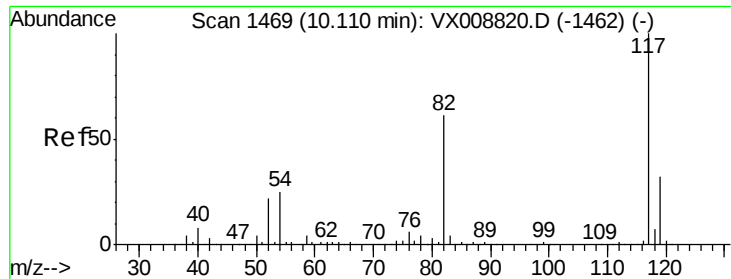
Tot Ion: 107 Resp: 104596
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 51.861 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion: 95 Resp: 118395
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 151.8
 176 76.7 0.0 145.8

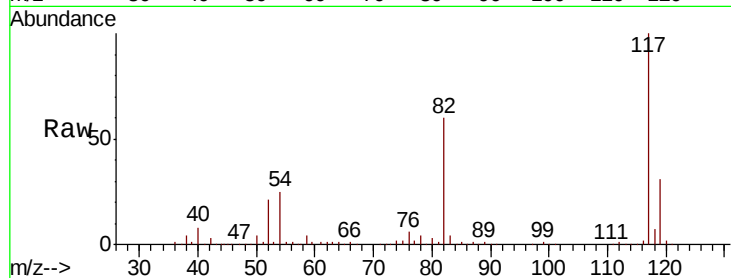




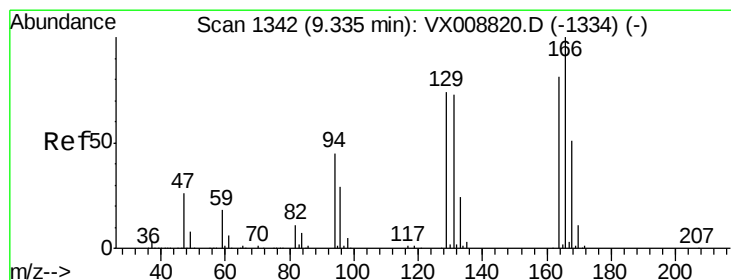
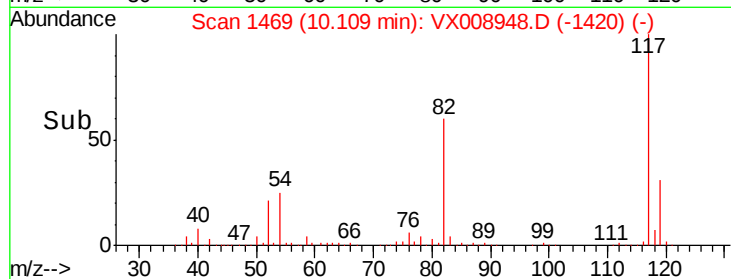
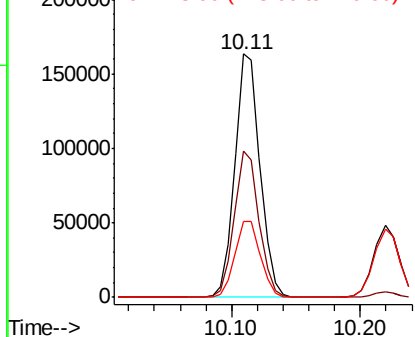
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 222213
Ion Ratio Lower Upper
117 100
82 60.3 49.6 74.4
119 31.4 25.0 37.4



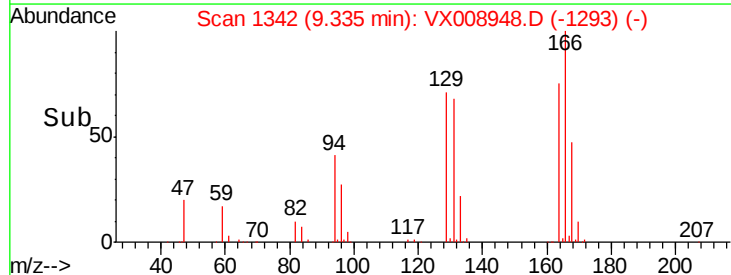
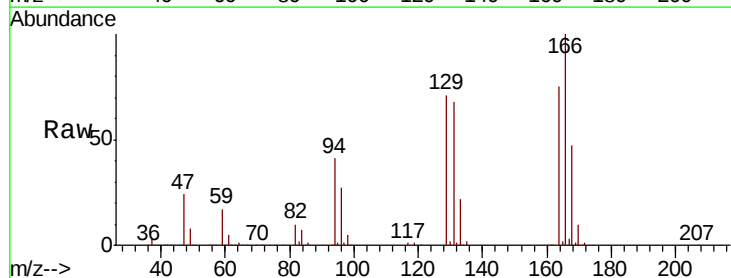
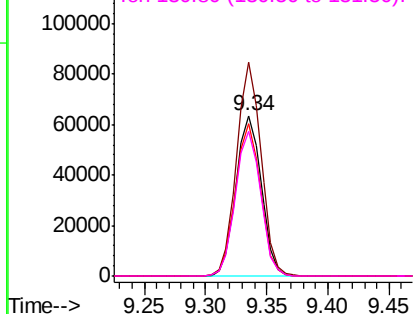
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

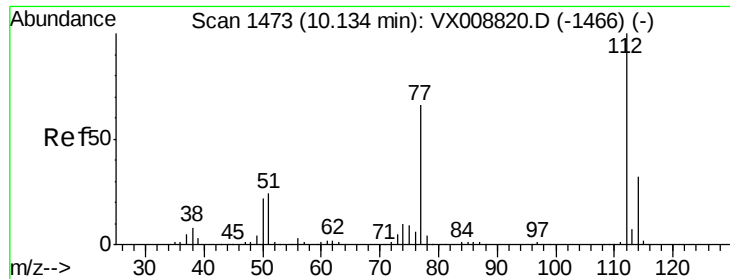


#64
Tetrachloroethene
Concen: 55.207 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion:164 Resp: 90891
Ion Ratio Lower Upper
164 100
166 133.3 101.0 151.6
129 95.1 75.8 113.8
131 90.2 71.8 107.8

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

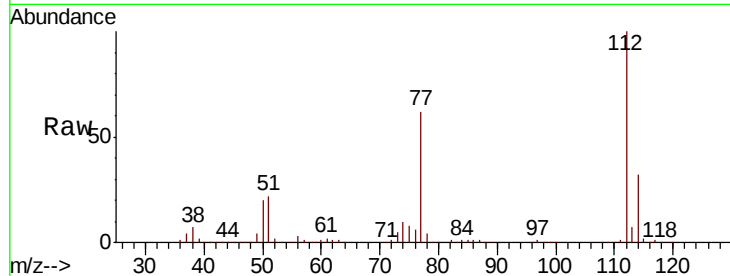




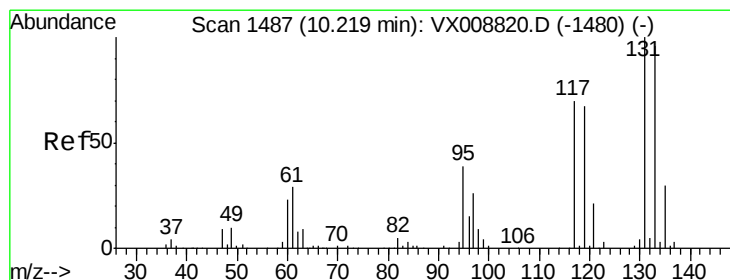
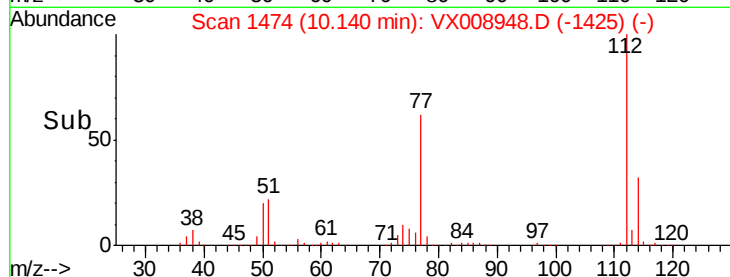
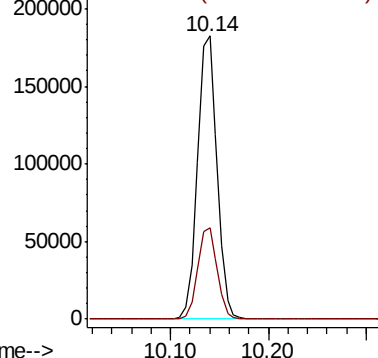
#65
Chlorobenzene
Concen: 51.122 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 251814
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

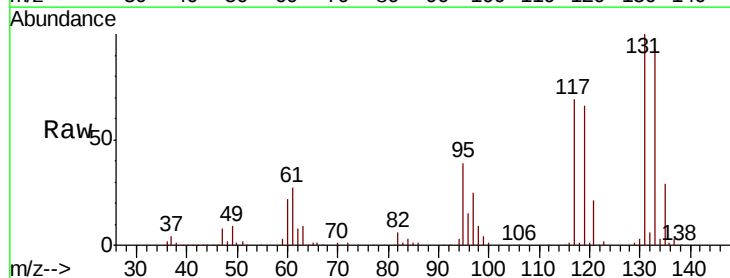


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

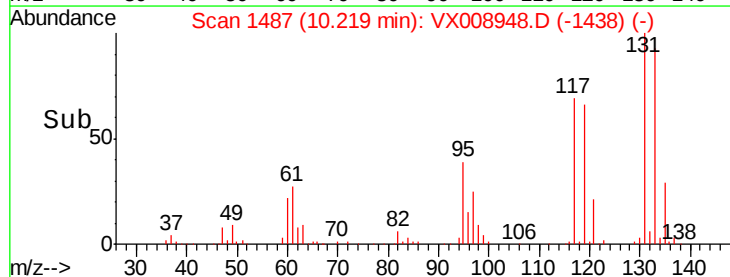
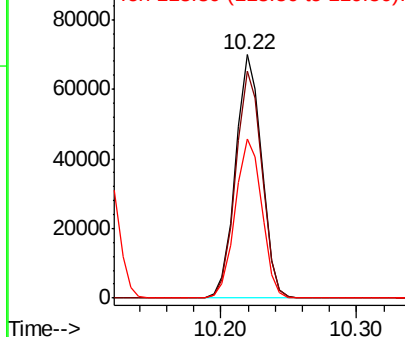


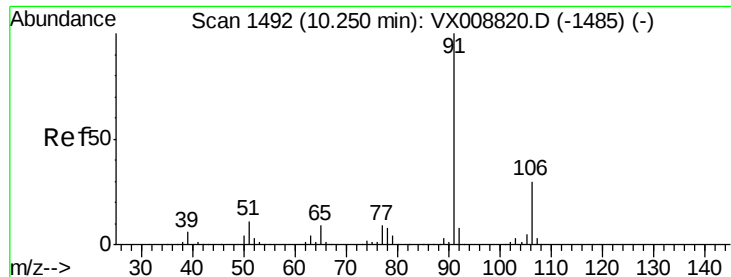
#66
1,1,1,2-Tetrachloroethane
Concen: 54.009 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion:131 Resp: 93331
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 66.8 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

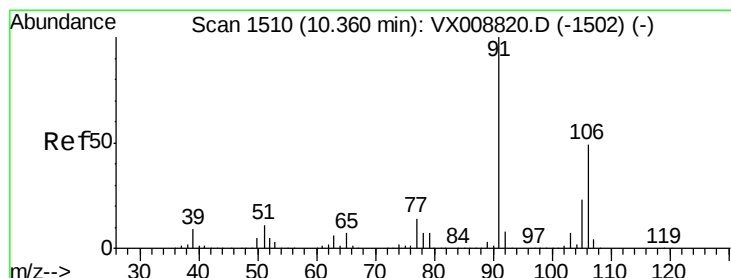
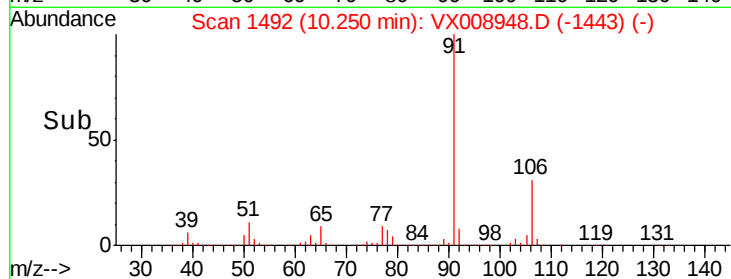
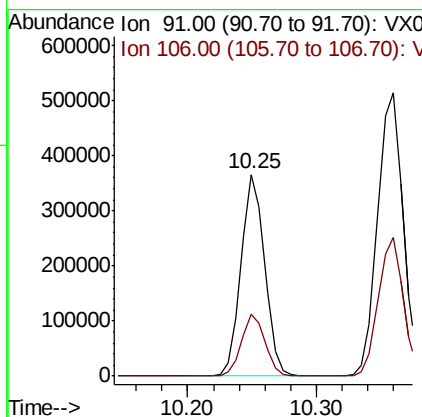
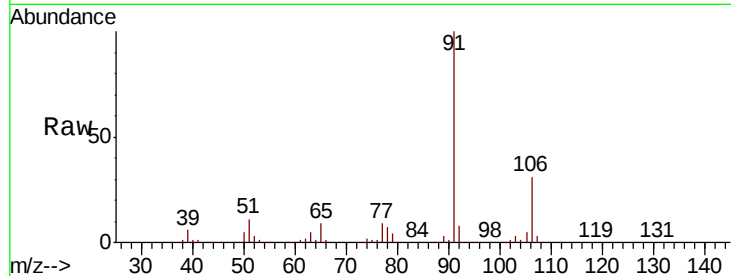




#67
Ethyl Benzene
Concen: 50.605 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

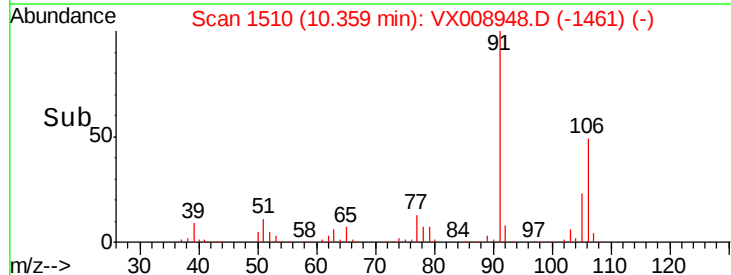
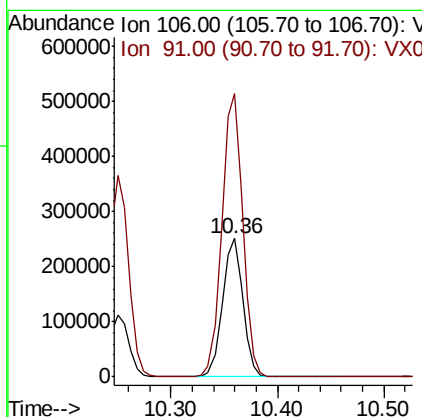
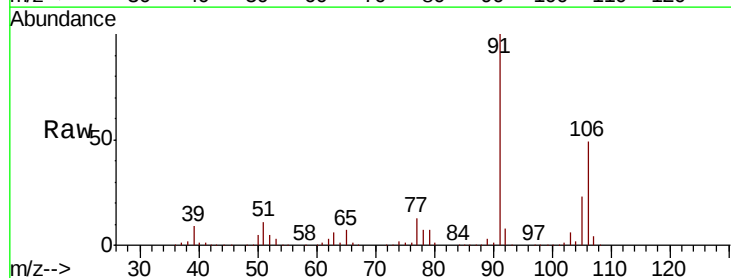
Instrument :
MSVOA_X
ClientSampled :

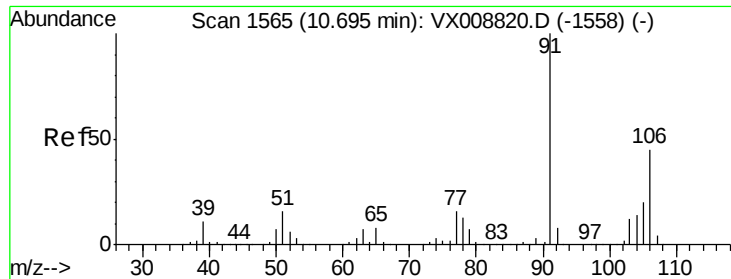
Tot Ion: 91 Resp: 464806
Ion Ratio Lower Upper
91 100
106 31.0 23.7 35.5



#68
m/p-Xylenes
Concen: 101.526 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 106 Resp: 335288
Ion Ratio Lower Upper
106 100
91 209.1 168.5 252.7

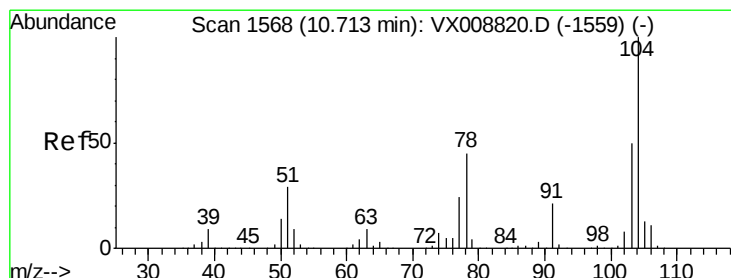
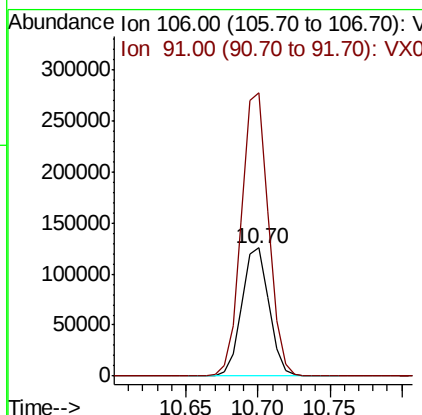
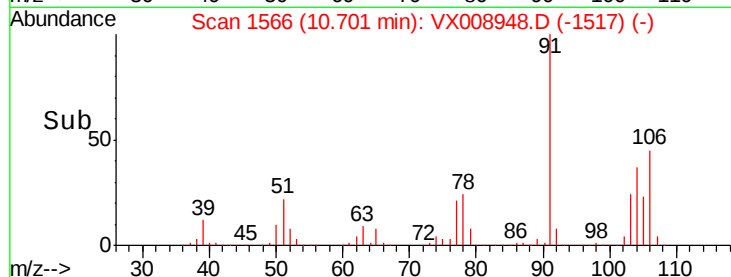
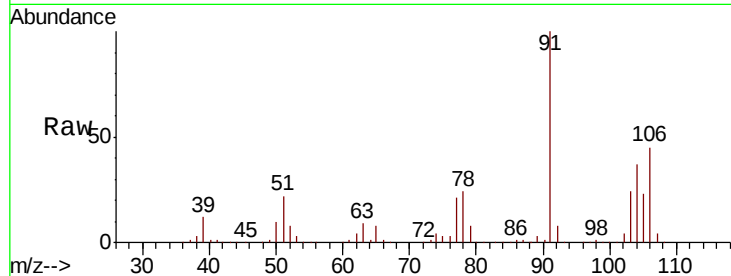




#69
o-Xylene
Concen: 51.339 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

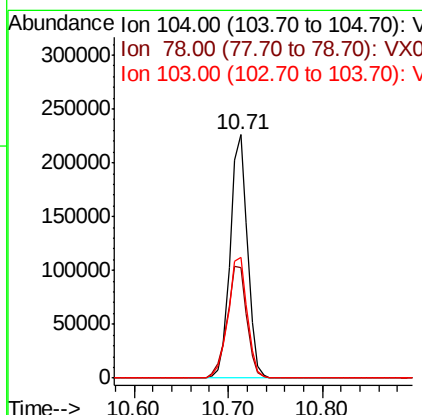
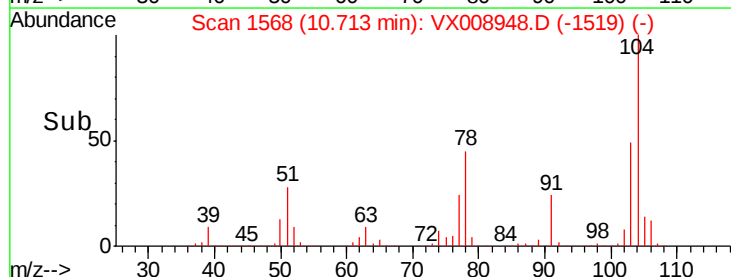
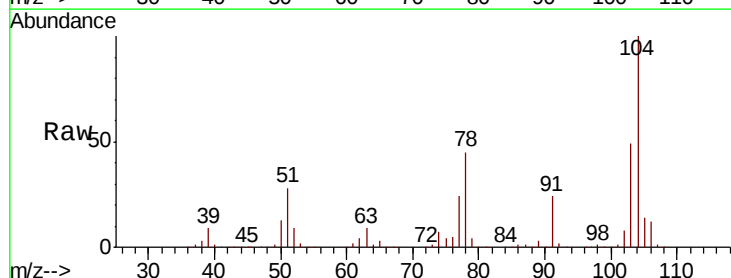
Instrument :
MSVOA_X
ClientSampled :

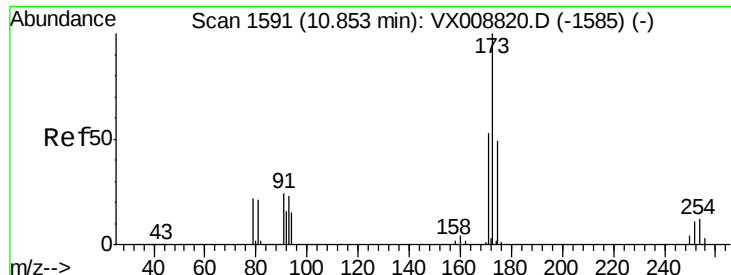
Tot Ion:106 Resp: 164308
Ion Ratio Lower Upper
106 100
91 220.3 111.5 334.4



#70
Styrene
Concen: 51.989 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion:104 Resp: 286815
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 55.0 44.4 66.6





#71

Bromoform

Concen: 55.811 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

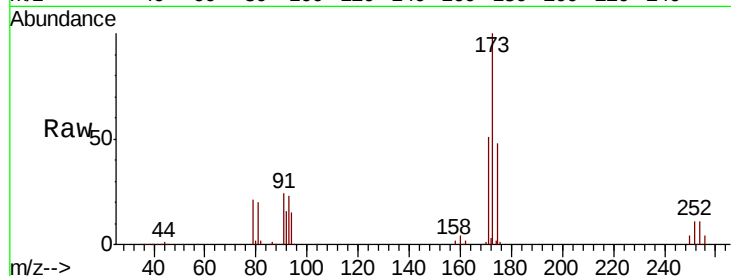
Tot Ion:173 Resp: 73659

Ion Ratio Lower Upper

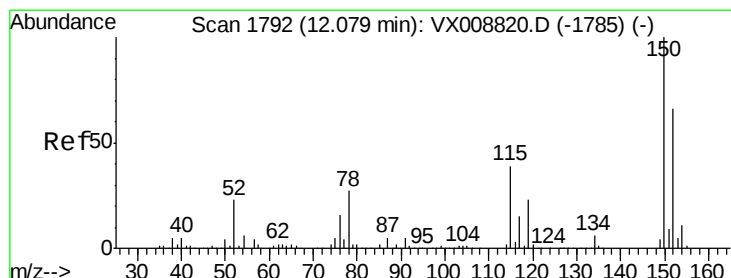
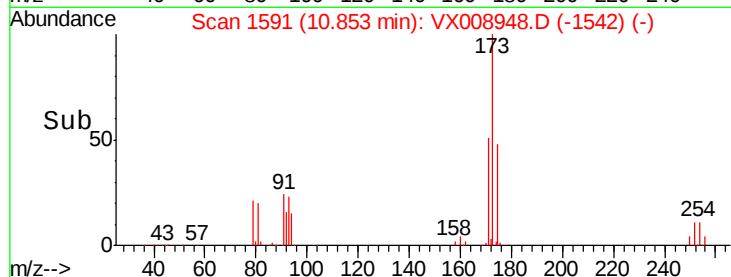
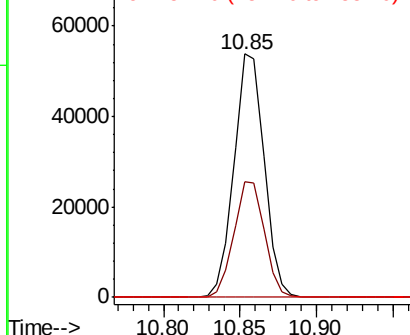
173 100

175 48.1 24.9 74.6

254 0.1 0.1 0.1#



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: VX008948.D

Acq: 13 Apr 2019 21:36

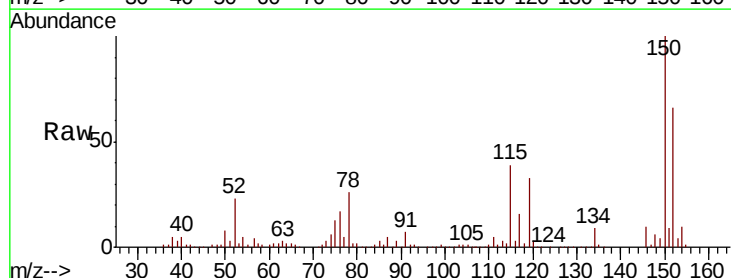
Tgt Ion:152 Resp: 102379

Ion Ratio Lower Upper

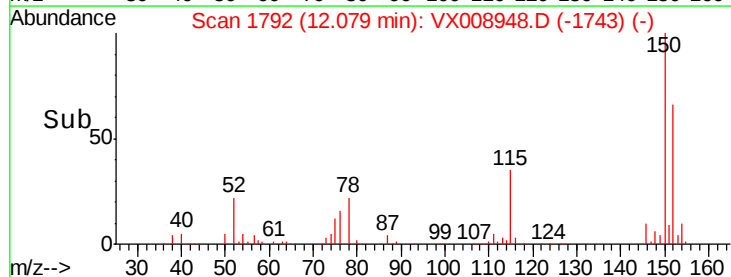
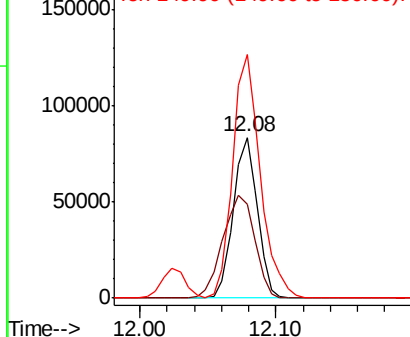
152 100

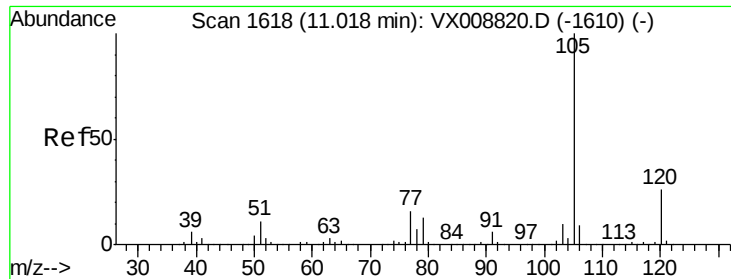
115 84.6 43.5 130.5

150 173.9 0.0 348.8



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

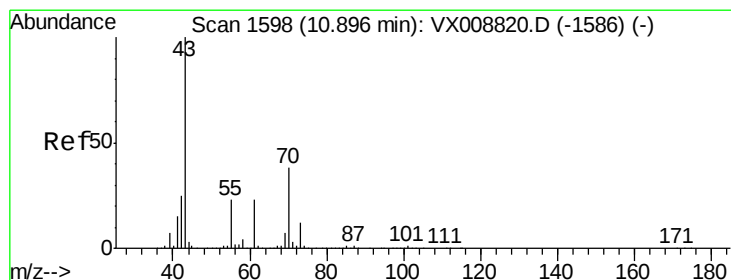
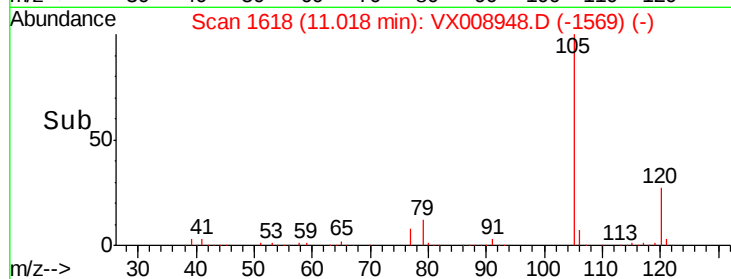
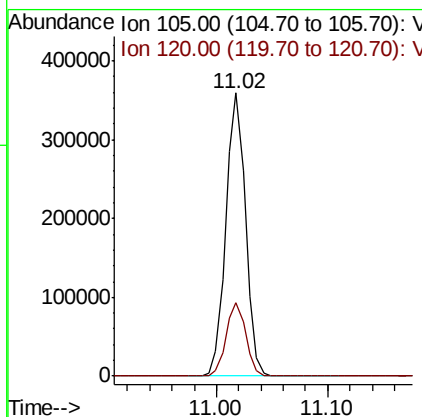
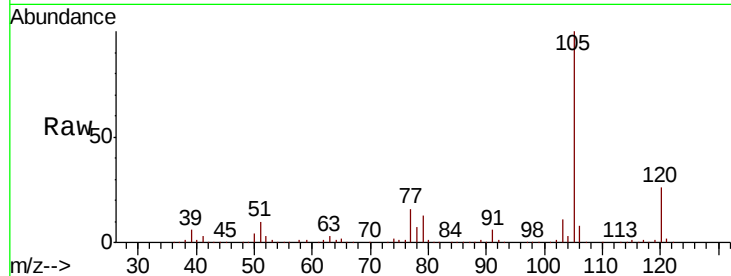




#73
Isopropylbenzene
Concen: 51.475 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

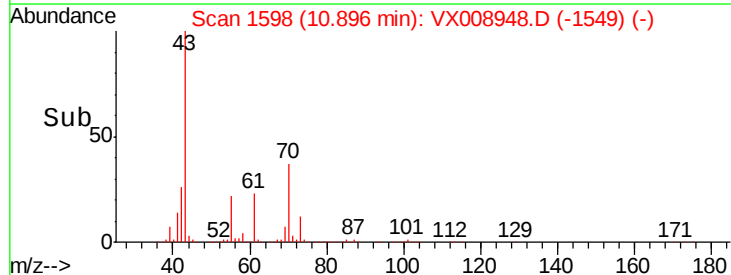
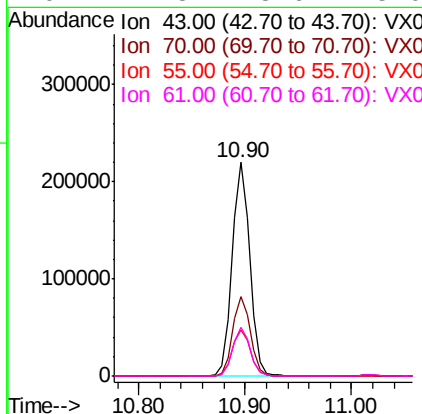
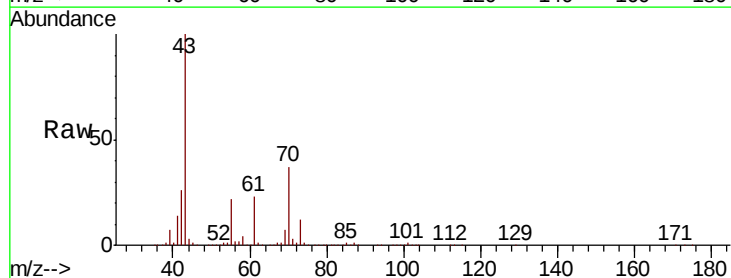
Instrument :
MSVOA_X
ClientSampleId :

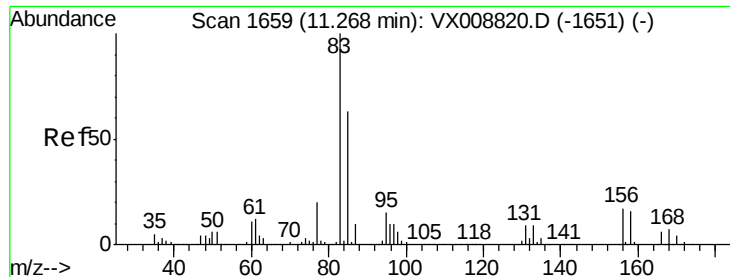
Tot Ion:105 Resp: 436737
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 51.238 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008948.D
Acq: 13 Apr 2019 21:36

Tgt Ion: 43 Resp: 255770
Ion Ratio Lower Upper
43 100
70 37.6 30.2 45.4
55 22.4 18.2 27.4
61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.301 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

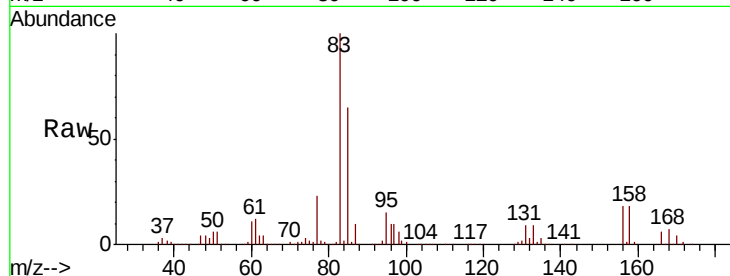
Tot Ion: 83 Resp: 155856

Ion Ratio Lower Upper

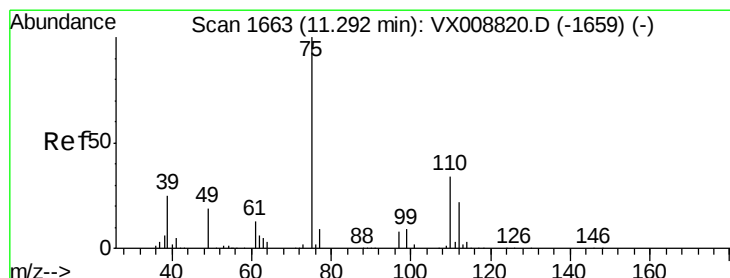
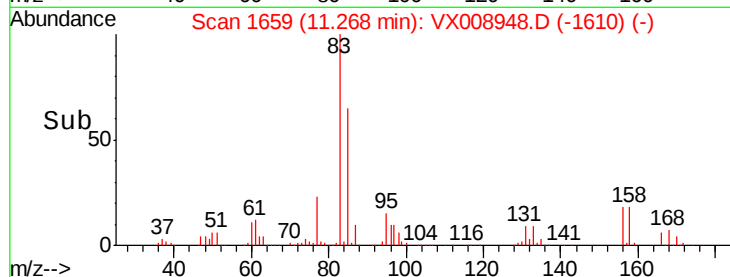
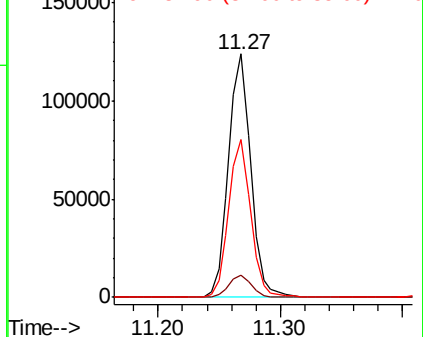
83 100

131 9.3 4.5 13.7

85 64.1 32.0 96.2



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: 66.486 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008948.D

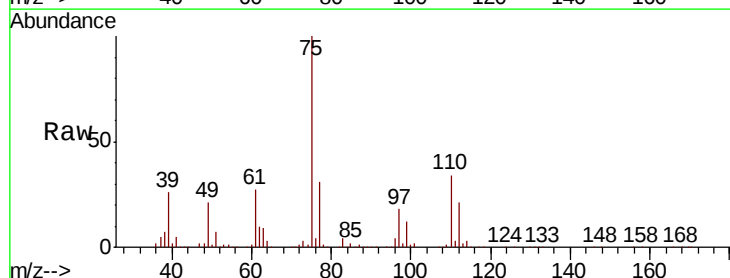
Acq: 13 Apr 2019 21:36

Tgt Ion: 75 Resp: 186989

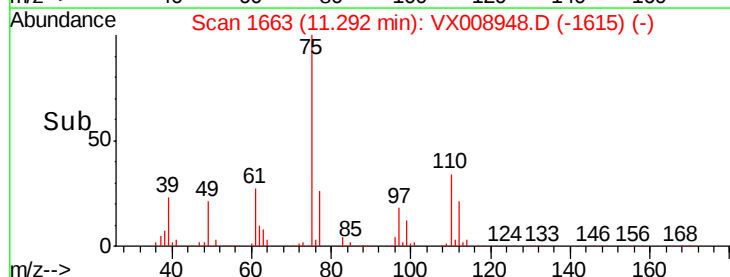
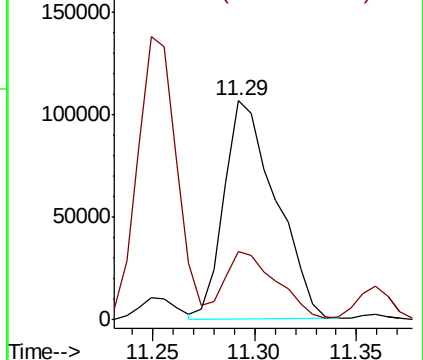
Ion Ratio Lower Upper

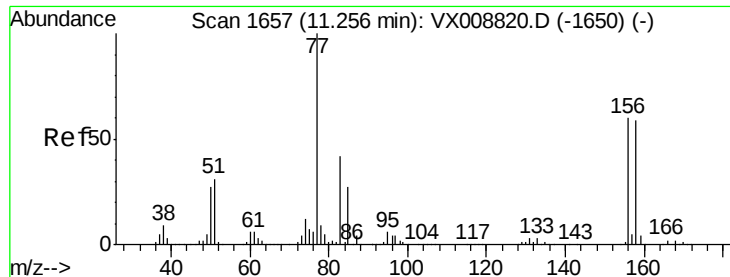
75 100

77 31.9 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.158 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

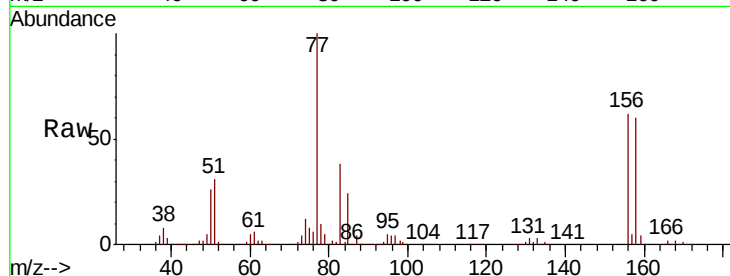
Tot Ion:156 Resp: 106385

Ion Ratio Lower Upper

156 100

77 172.0 89.8 269.6

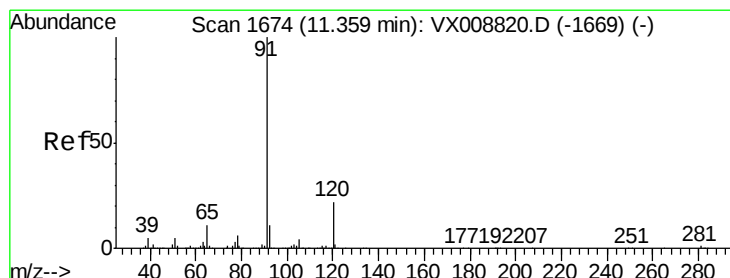
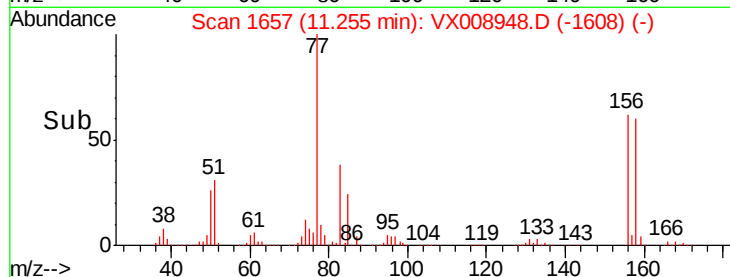
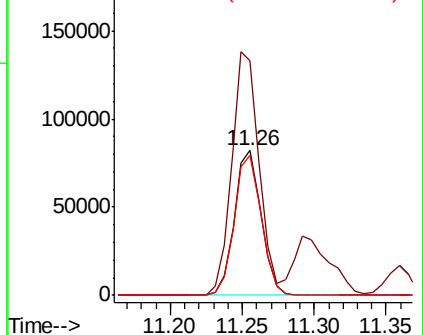
158 97.4 48.6 145.9



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: 50.125 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008948.D

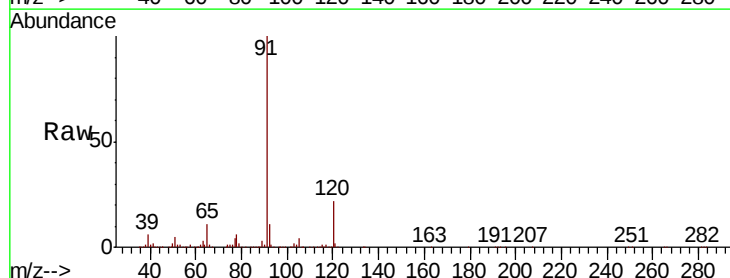
Acq: 13 Apr 2019 21:36

Tgt Ion: 91 Resp: 495187

Ion Ratio Lower Upper

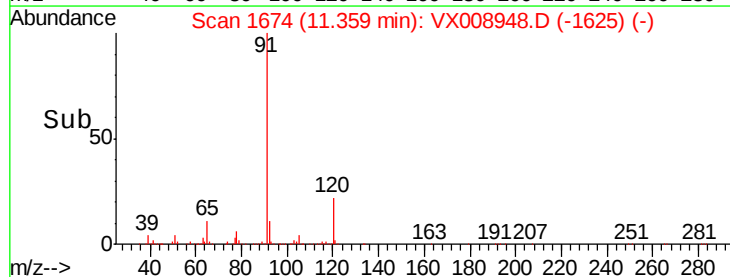
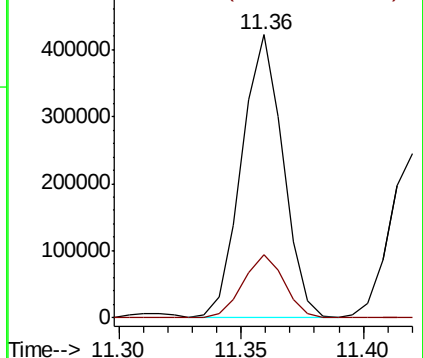
91 100

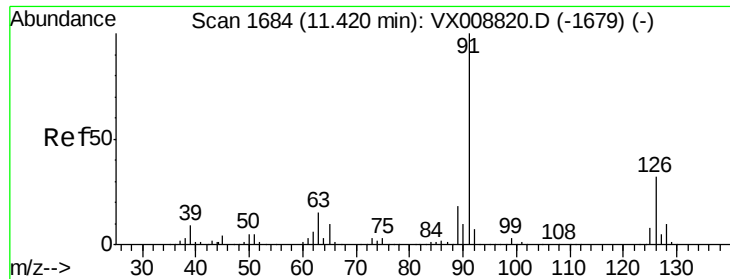
120 22.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

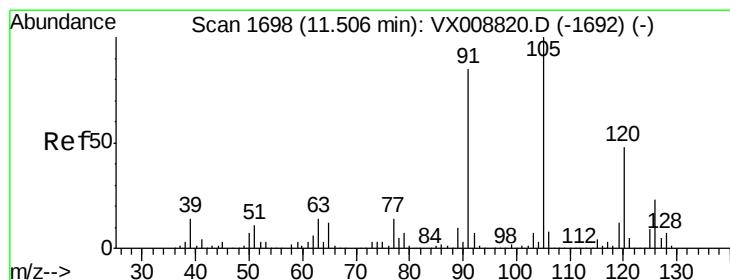
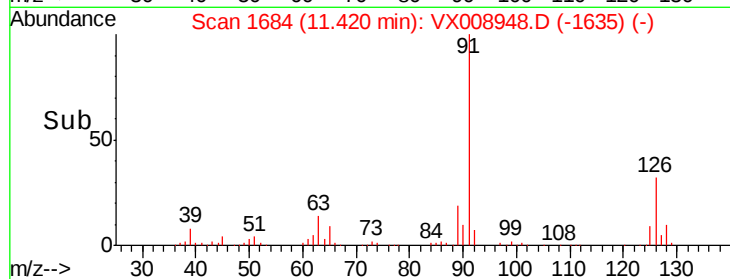
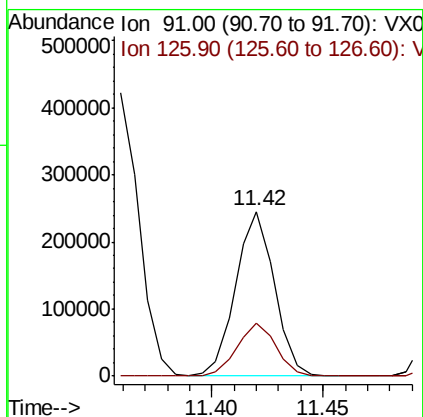
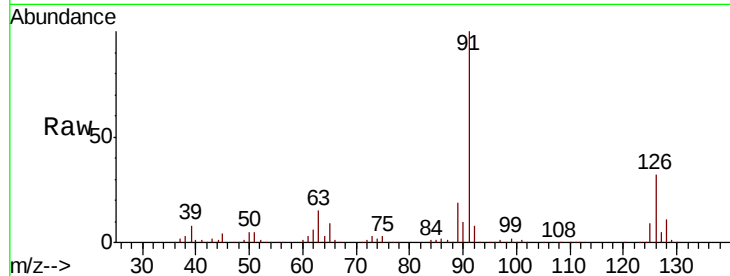




#79
 2-Chlorotoluene
 Concen: 49.716 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

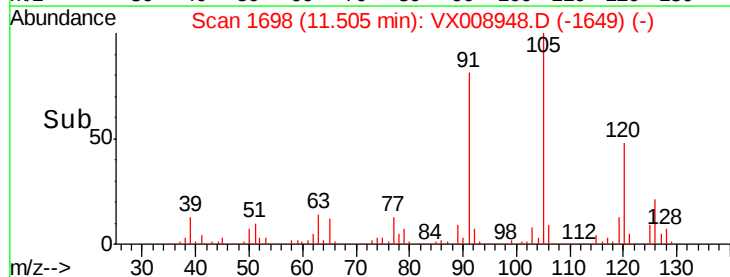
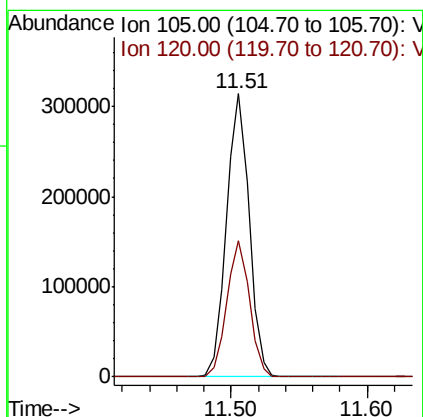
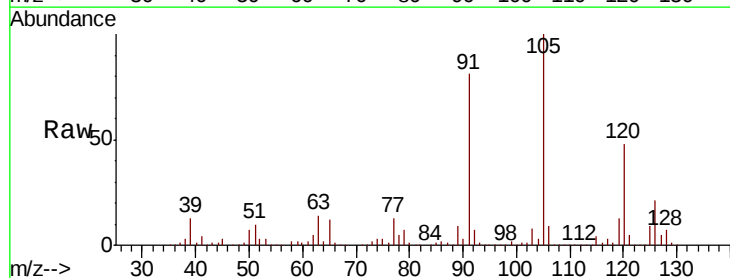
Instrument :
 MSVOA_X
 ClientSampled :

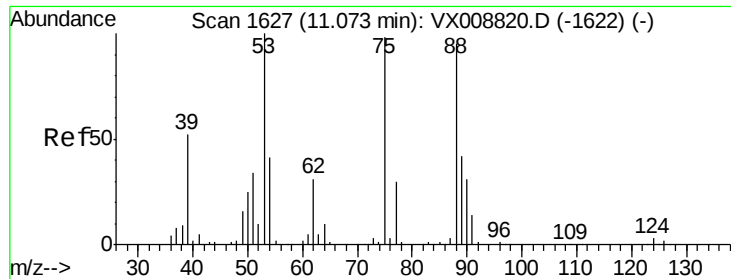
Tot Ion: 91 Resp: 297217
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.009 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion: 105 Resp: 363285
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.549 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

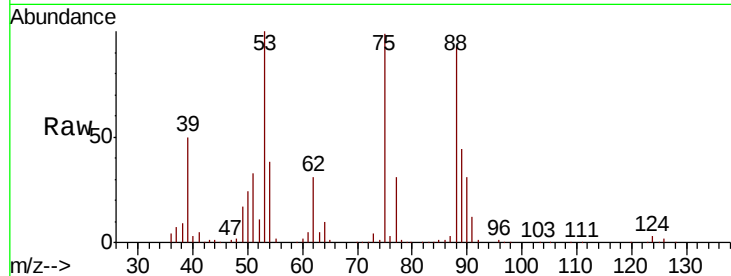
Tot Ion: 75 Resp: 53615

Ion Ratio Lower Upper

75 100

53 99.6 81.3 121.9

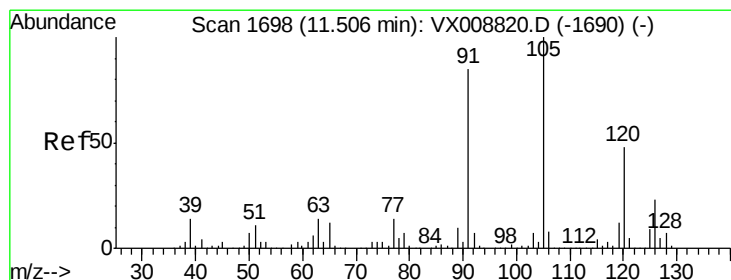
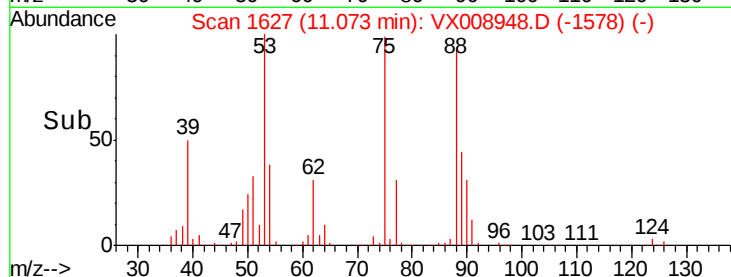
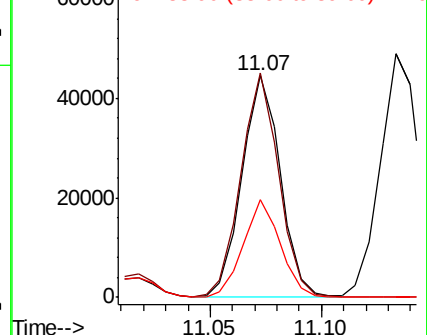
89 42.6 35.6 53.4



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: 49.046 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008948.D

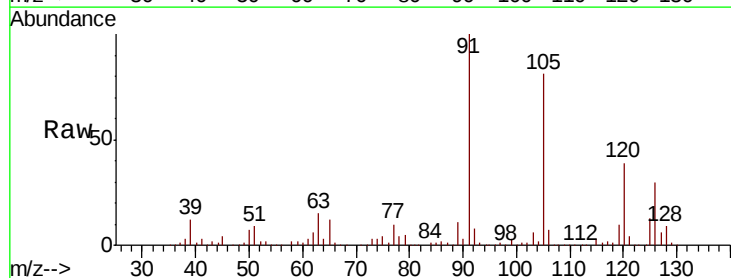
Acq: 13 Apr 2019 21:36

Tgt Ion: 91 Resp: 339402

Ion Ratio Lower Upper

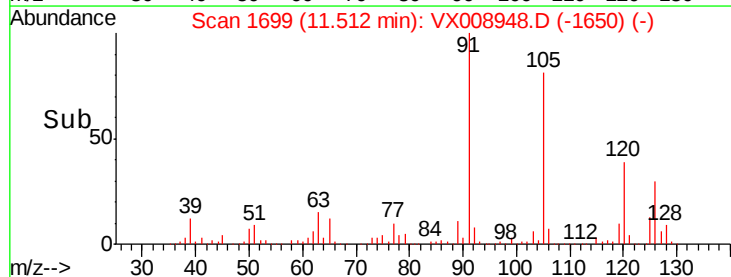
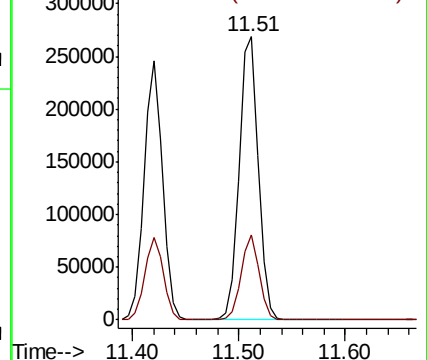
91 100

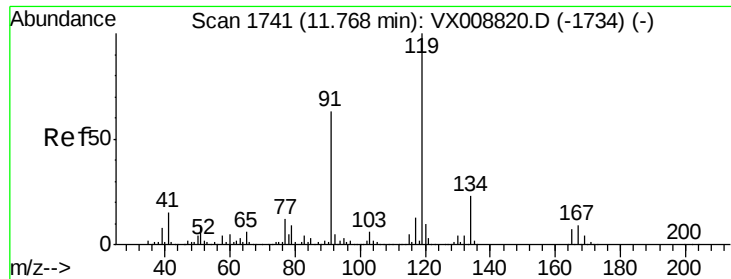
126 28.3 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

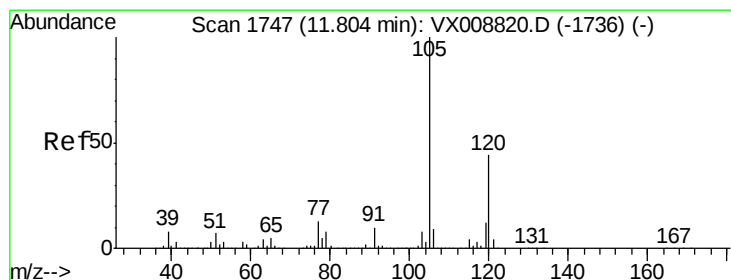
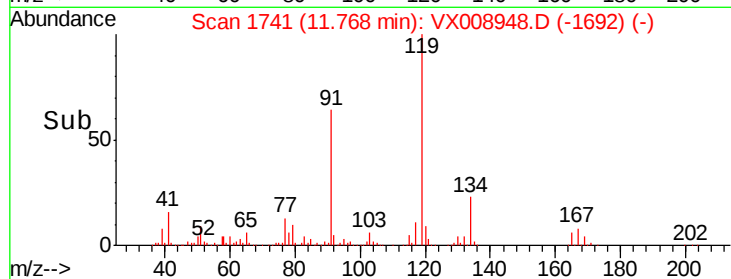
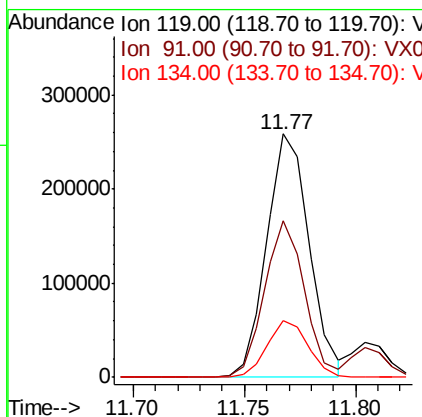
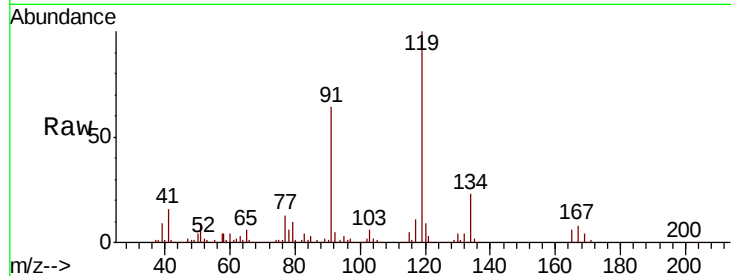




#83
 tert-Butylbenzene
 Concen: 50.114 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

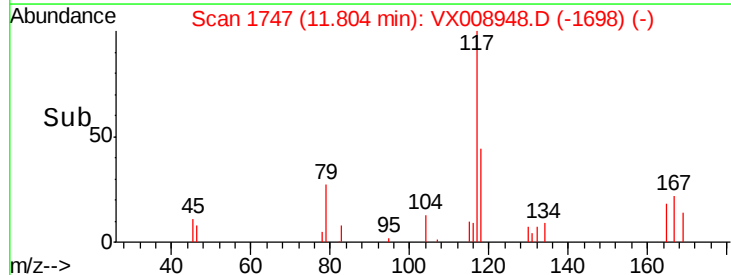
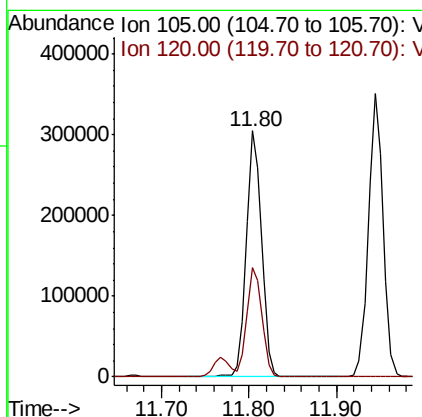
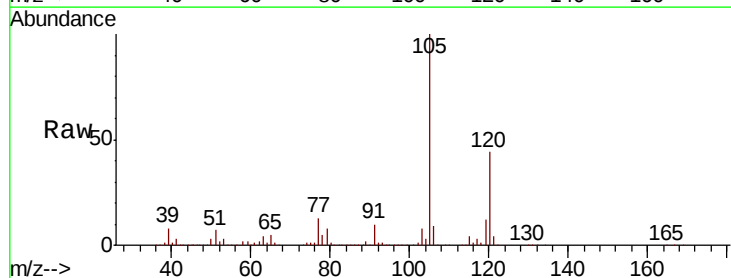
Instrument :
 MSVOA_X
 ClientSampleId :

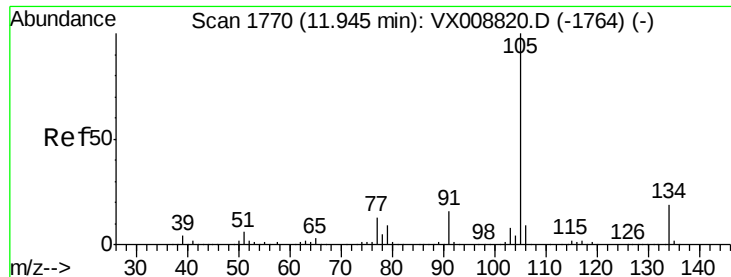
Tot Ion:119 Resp: 343378
 Ion Ratio Lower Upper
 119 100
 91 60.6 30.0 90.1
 134 22.4 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.072 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion:105 Resp: 368303
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 50.849 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

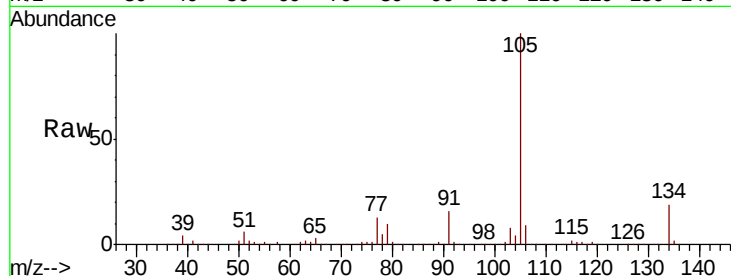
ClientSampleId :

Tot Ion:105 Resp: 413854

Ion Ratio Lower Upper

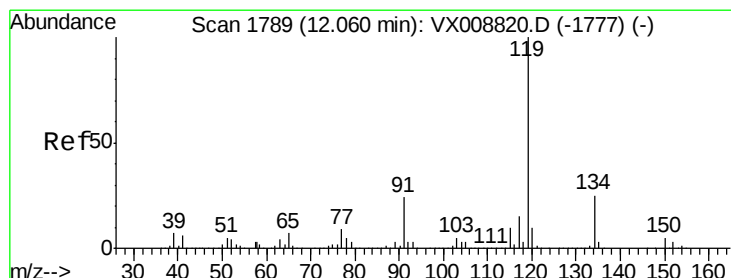
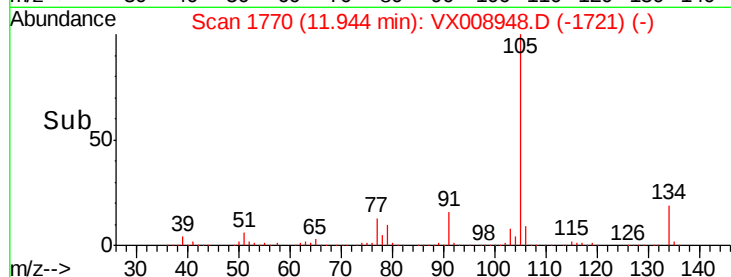
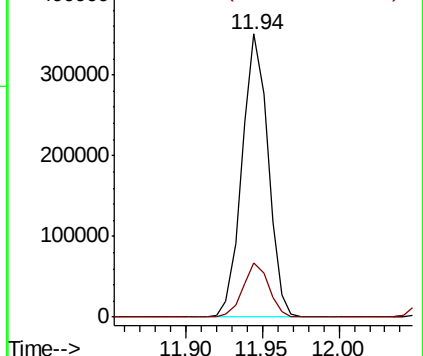
105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.446 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

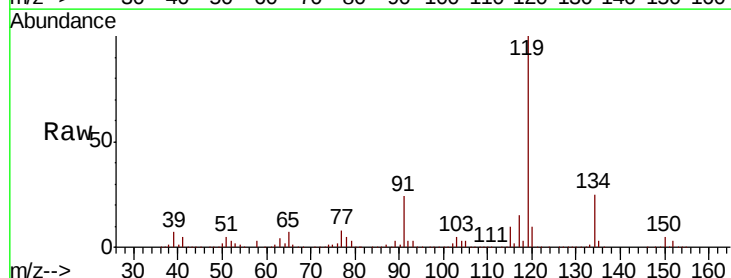
Tgt Ion:119 Resp: 375813

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

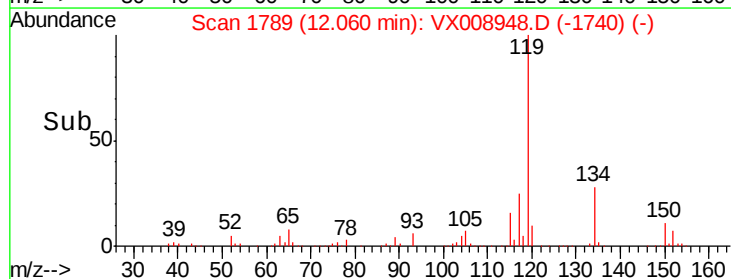
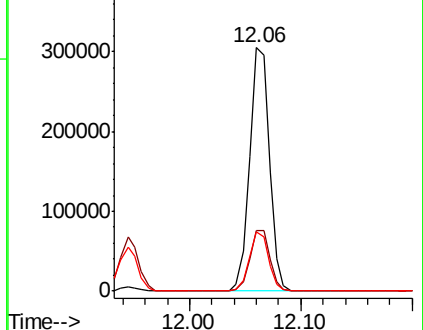
91 23.7 12.2 36.6

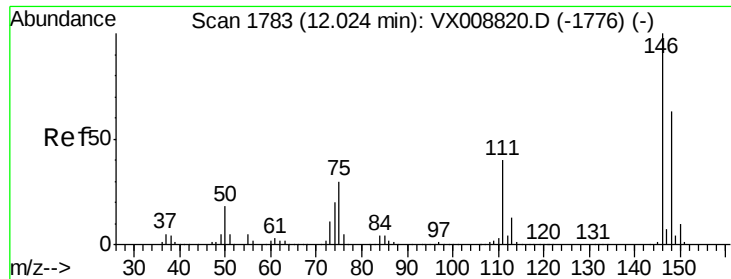


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.174 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

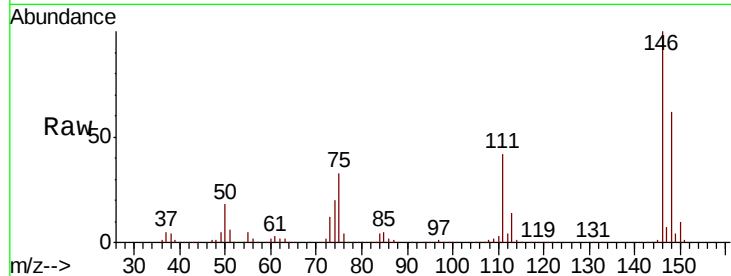
Tot Ion:146 Resp: 183209

Ion Ratio Lower Upper

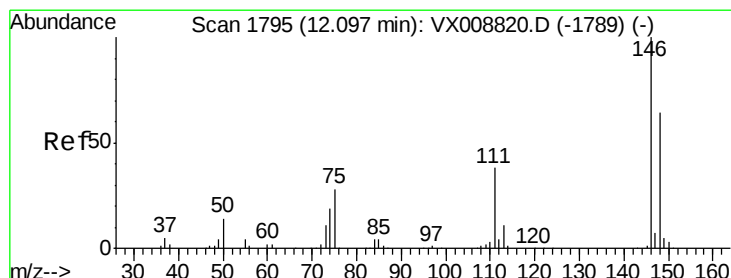
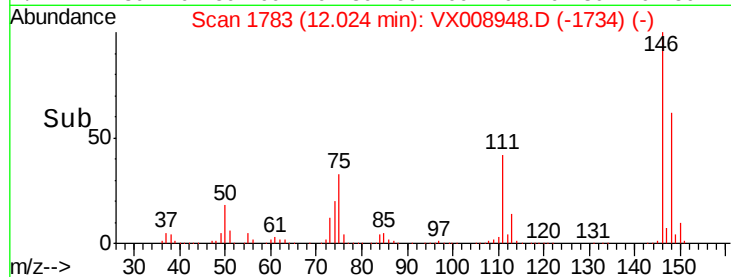
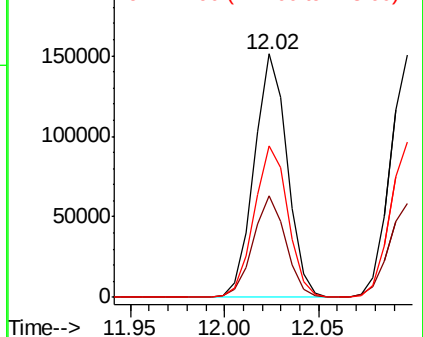
146 100

111 41.1 20.5 61.5

148 63.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.946 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

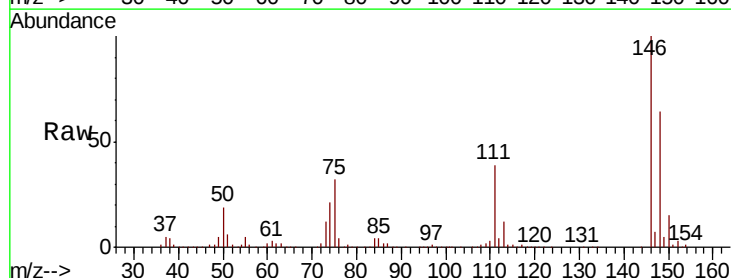
Tgt Ion:146 Resp: 180979

Ion Ratio Lower Upper

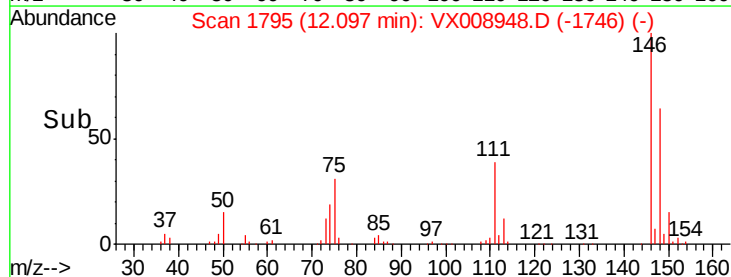
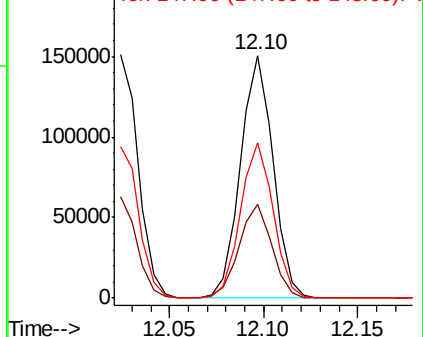
146 100

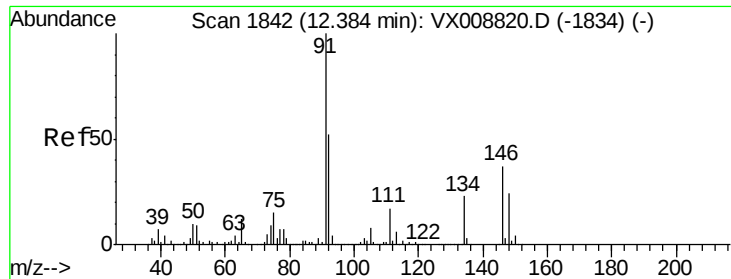
111 39.2 20.2 60.6

148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.558 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

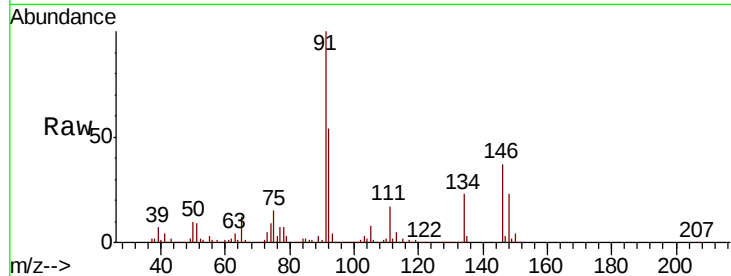
Tot Ion: 91 Resp: 339508

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 24.8 12.0 36.0

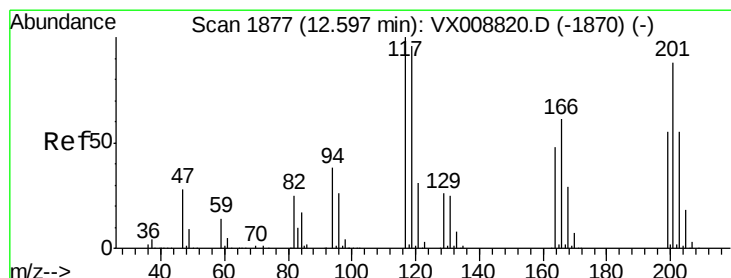
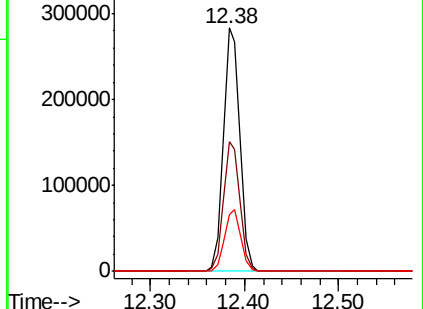
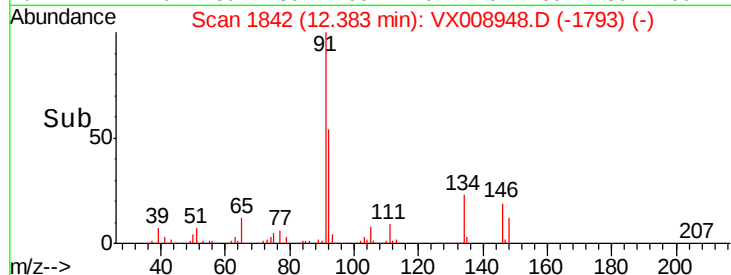


Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008820.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008820.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 52.812 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008948.D

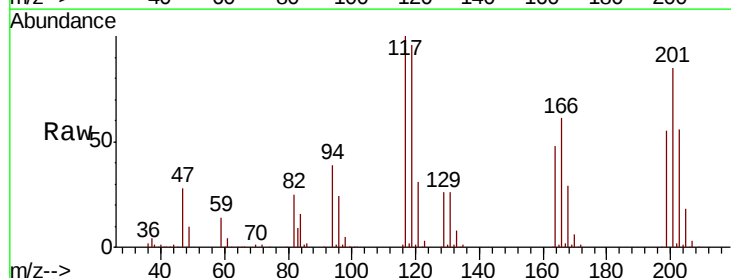
Acq: 13 Apr 2019 21:36

Tgt Ion: 117 Resp: 63987

Ion Ratio Lower Upper

117 100

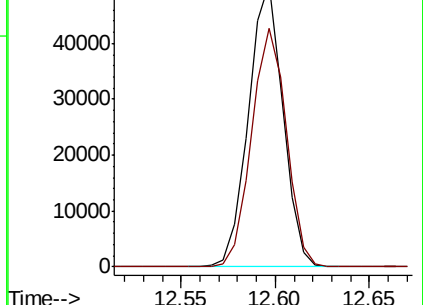
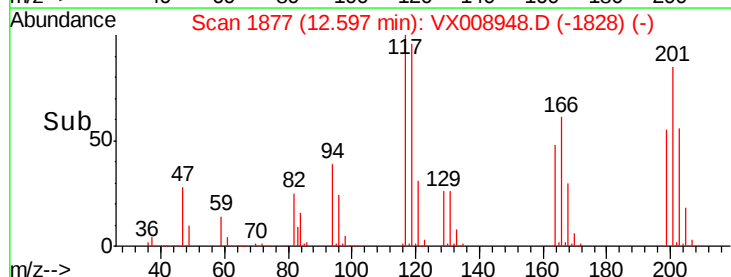
201 85.5 40.6 122.0

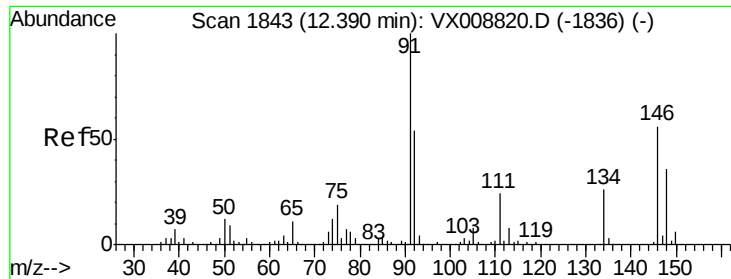


Abundance Ion 116.80 (116.50 to 117.50): VX008820.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008820.D (-1870) (-)

Time-->

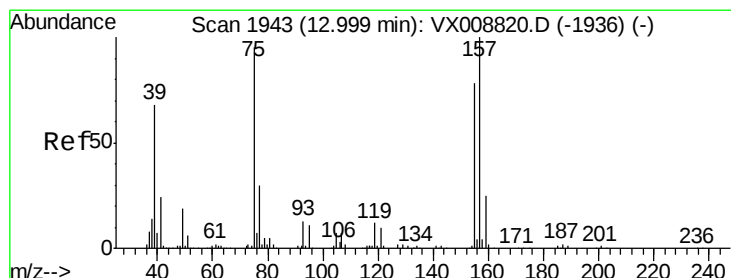
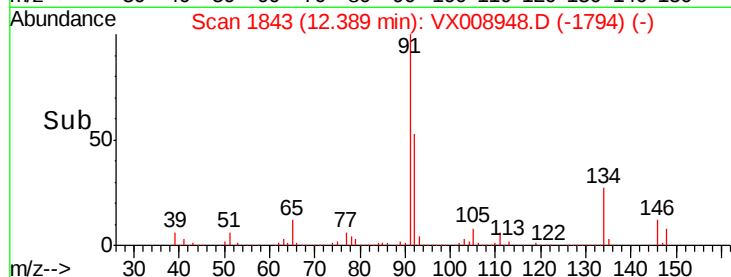
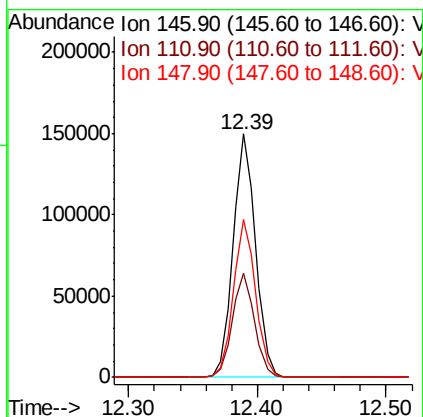
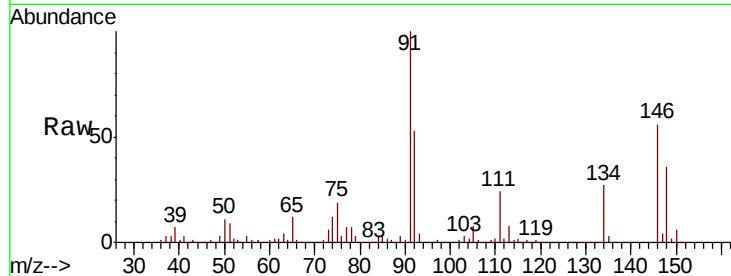




#91
 1,2-Dichlorobenzene
 Concen: 50.200 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

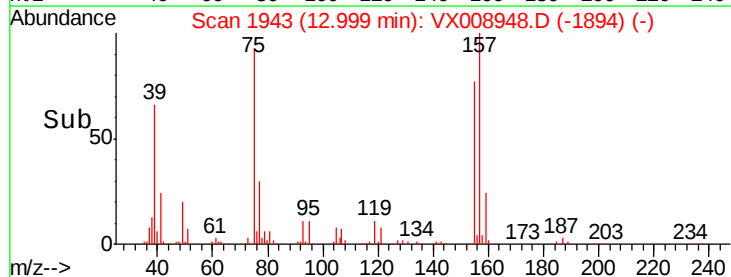
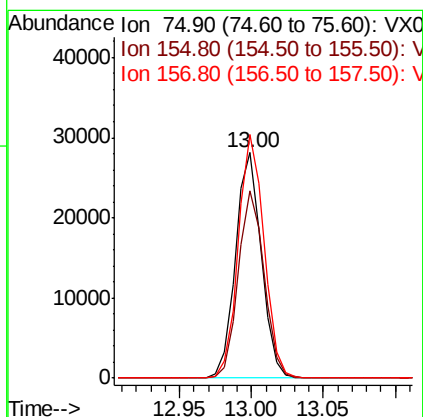
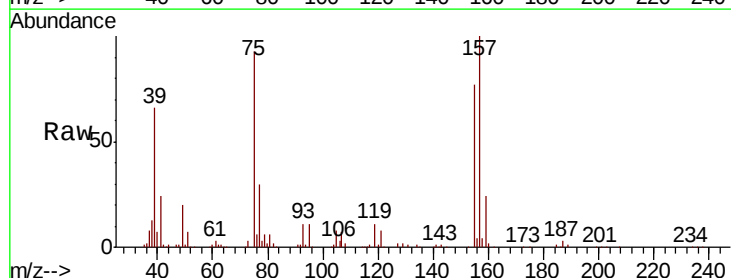
Instrument :
 MSVOA_X
 ClientSampleId :

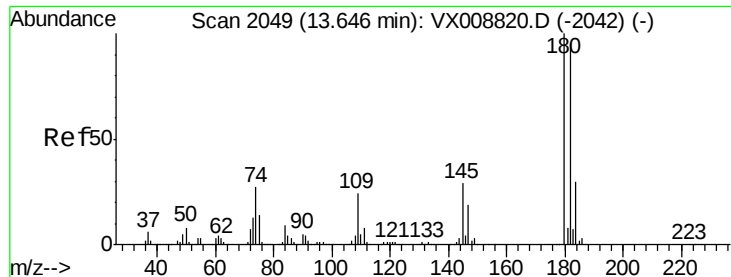
Tot Ion:146 Resp: 181998
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.9
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.554 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion: 75 Resp: 35175
 Ion Ratio Lower Upper
 75 100
 155 82.8 39.9 119.6
 157 107.2 51.5 154.7

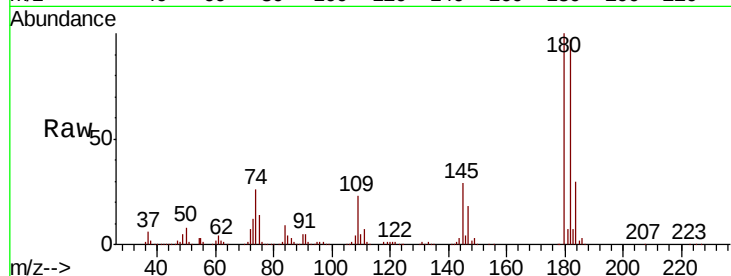




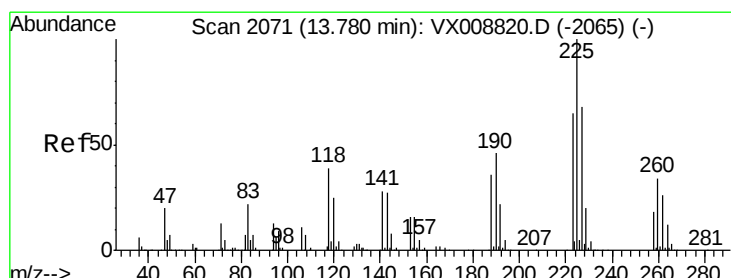
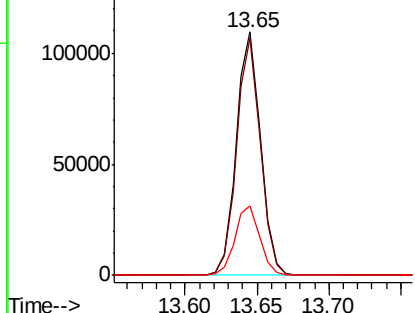
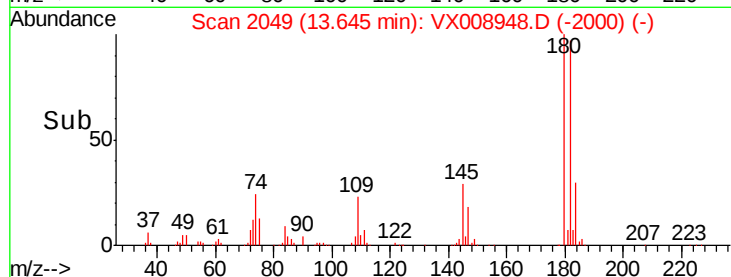
#93
 1,2,4-Trichlorobenzene
 Concen: 50.952 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.2	141.6
145	29.3	15.3	45.9

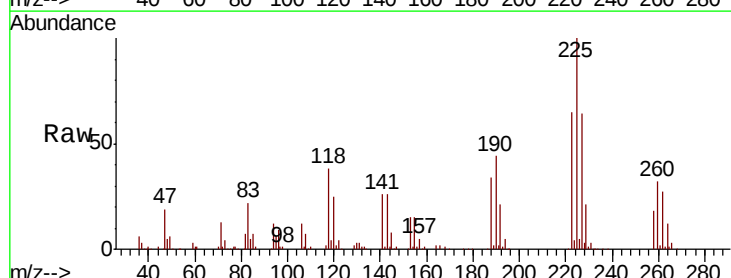


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

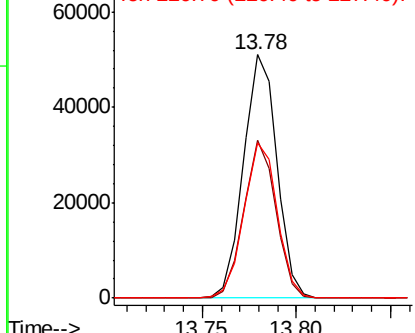
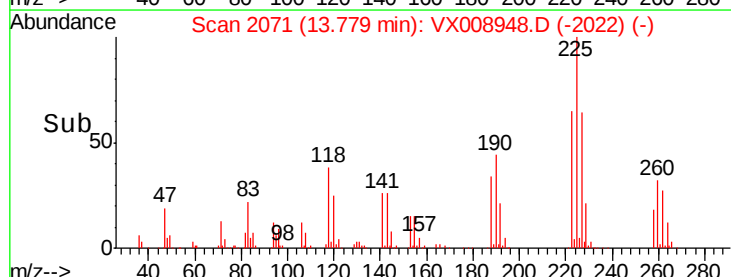


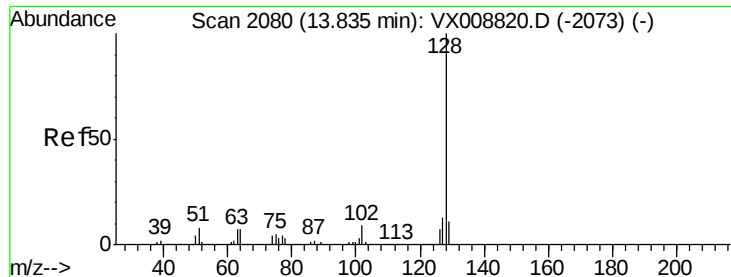
#94
 Hexachlorobutadiene
 Concen: 51.924 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008948.D
 Acq: 13 Apr 2019 21:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.2	93.6
227	63.6	31.9	95.5



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: 51.515 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

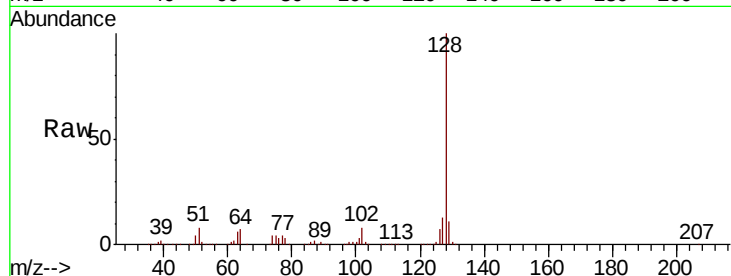
Tot Ion:128 Resp: 434006

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

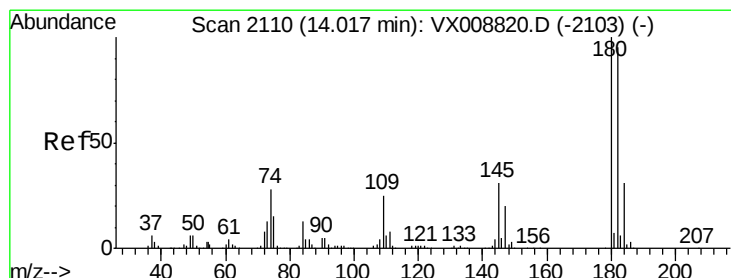
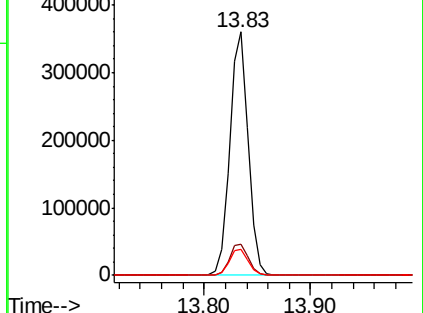
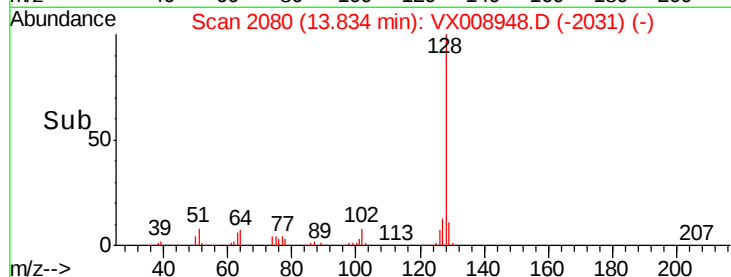
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.691 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008948.D

Acq: 13 Apr 2019 21:36

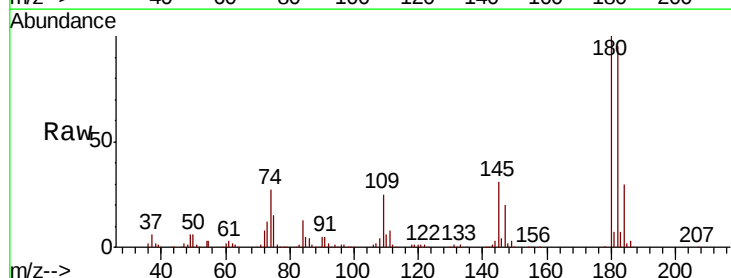
Tgt Ion:180 Resp: 130187

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 30.8 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

