

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010476.D
 Acq On : 27 Jun 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:44:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	269528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	385234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114287	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.49	113	116016	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	434810	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.13	95	157924	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84267	44.970	ug/l	100
3) Chloromethane	1.32	50	91919	42.127	ug/l	99
4) Vinyl Chloride	1.41	62	103307	43.226	ug/l	97
5) Bromomethane	1.64	94	53402	45.865	ug/l	100
6) Chloroethane	1.71	64	66580	47.220	ug/l	96
7) Trichlorofluoromethane	1.92	101	179716	47.436	ug/l	100
8) Diethyl Ether	2.18	74	64802	47.696	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108230	47.141	ug/l	100
10) Methyl Iodide	2.51	142	152877	46.658	ug/l	98
11) Tert butyl alcohol	3.05	59	133860	202.432	ug/l	98
12) 1,1-Dichloroethene	2.37	96	104793	44.856	ug/l	99
13) Acrolein	2.29	56	89207	203.362	ug/l	99
14) Allyl chloride	2.73	41	152881	46.094	ug/l	99
15) Acrylonitrile	3.14	53	301428	230.236	ug/l	100
16) Acetone	2.44	43	351504	277.539	ug/l	97
17) Carbon Disulfide	2.57	76	255482	40.762	ug/l	99
18) Methyl Acetate	2.77	43	115311	45.682	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	344490	46.873	ug/l	98
20) Methylene Chloride	2.85	84	120300	46.156	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	112874	44.923	ug/l	98
22) Diisopropyl ether	3.85	45	326509	47.084	ug/l	90
23) Vinyl Acetate	3.81	43	1441326	240.593	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188525	47.032	ug/l	100
25) 2-Butanone	4.67	43	468054	251.940	ug/l	100
26) 2,2-Dichloropropane	4.57	77	166231	47.739	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	135634	46.713	ug/l	99
28) Bromochloromethane	5.01	49	83672	43.659	ug/l	100
29) Tetrahydrofuran	5.12	42	260572	226.440	ug/l	100
30) Chloroform	5.21	83	202664	46.991	ug/l	98
31) Cyclohexane	5.57	56	167155	45.793	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	180774	47.469	ug/l	100
36) 1,1-Dichloropropene	5.79	75	147768	48.270	ug/l	99
37) Ethyl Acetate	4.82	43	153872	48.859	ug/l	99
38) Carbon Tetrachloride	5.77	117	161193	48.626	ug/l	97

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 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:44:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196098	48.732	ug/l	98
40) Benzene	6.14	78	464769	48.732	ug/l	100
41) Methacrylonitrile	5.04	41	84454	48.875	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146687	50.526	ug/l	100
43) Isopropyl Acetate	6.44	43	256152	49.161	ug/l	99
44) Trichloroethene	7.21	130	138456	48.516	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116327	48.300	ug/l	99
46) Dibromomethane	7.66	93	85069	49.230	ug/l	99
47) Bromodichloromethane	7.89	83	158523	50.058	ug/l	98
48) Methyl methacrylate	7.76	41	119753	49.445	ug/l	99
49) 1,4-Dioxane	7.74	88	65853	943.871	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	820970	246.357	ug/l	99
52) Toluene	8.78	92	305863	48.699	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	175970	49.563	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193046	50.034	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129702	50.072	ug/l	98
56) Ethyl methacrylate	9.18	69	194683	49.614	ug/l	98
57) 1,3-Dichloropropane	9.37	76	197652	49.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	455477	244.409	ug/l	99
59) 2-Hexanone	9.49	43	667163	254.376	ug/l	99
60) Dibromochloromethane	9.58	129	146546	50.529	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138982	49.709	ug/l	99
64) Tetrachloroethene	9.34	164	139127	48.986	ug/l	97
65) Chlorobenzene	10.13	112	353784	49.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	132181	50.904	ug/l	100
67) Ethyl Benzene	10.25	91	600825	49.923	ug/l	99
68) m/p-Xylenes	10.35	106	464760	99.664	ug/l	100
69) o-Xylene	10.69	106	226881	49.474	ug/l	100
70) Styrene	10.71	104	392068	50.980	ug/l	100
71) Bromoform	10.85	173	115166	51.001	ug/l #	100
73) Isopropylbenzene	11.02	105	611287	48.887	ug/l	99
74) N-amyl acetate	10.90	43	229408	48.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	194187	46.894	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	219677	65.354	ug/l	80
77) Bromobenzene	11.25	156	167203	47.889	ug/l	99
78) n-propylbenzene	11.36	91	691235	50.299	ug/l	100
79) 2-Chlorotoluene	11.42	91	401007	49.003	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	513991	49.863	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65323	45.337	ug/l	97
82) 4-Chlorotoluene	11.51	91	462241	49.641	ug/l	99
83) tert-Butylbenzene	11.77	119	515911	49.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	517384	49.958	ug/l	99
85) sec-Butylbenzene	11.94	105	610905	50.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	562193	50.034	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297220	48.768	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295136	47.567	ug/l	99
89) n-Butylbenzene	12.38	91	493025	51.636	ug/l	100
90) Hexachloroethane	12.59	117	98420	50.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	289001	47.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40437	45.291	ug/l	95

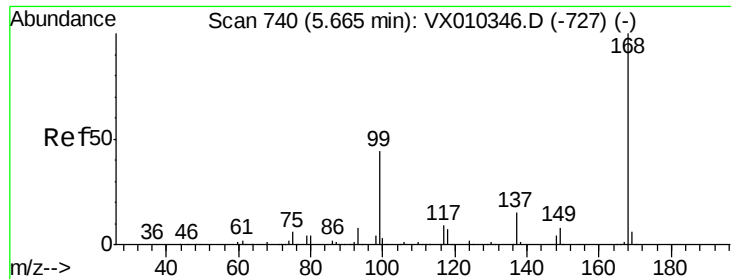
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212841	50.669	ug/l	99
94) Hexachlorobutadiene	13.78	225	105122	51.204	ug/l	100
95) Naphthalene	13.83	128	629094	48.734	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	211161	50.559	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

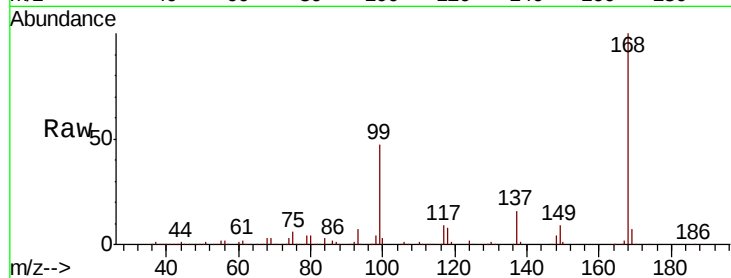
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 269528

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

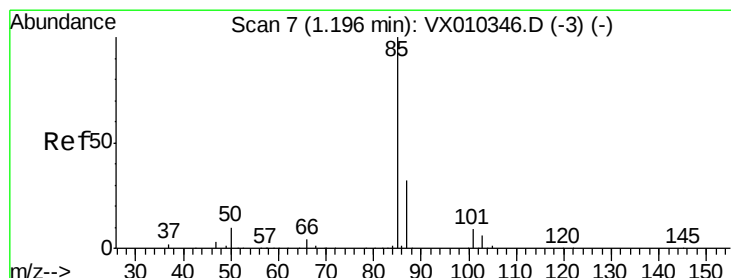
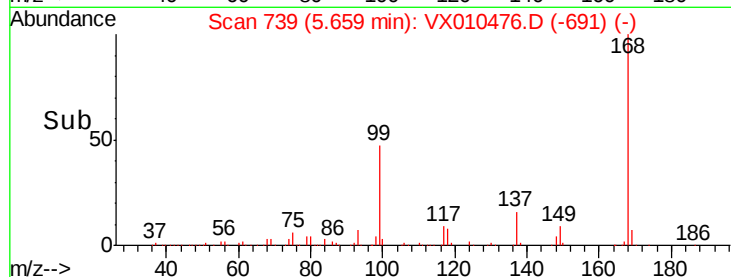
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.970 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010476.D

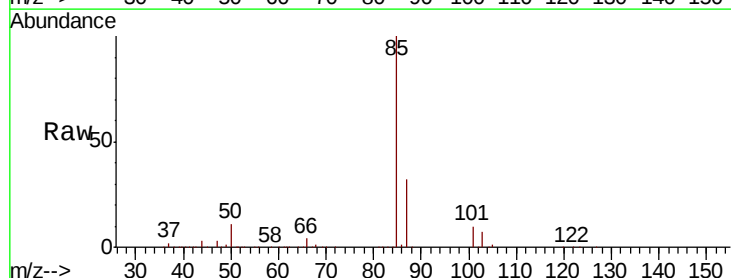
Acq: 27 Jun 2019 09:47

Tgt Ion: 85 Resp: 84267

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

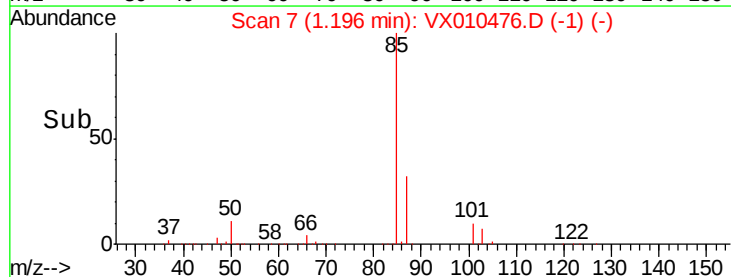
40000

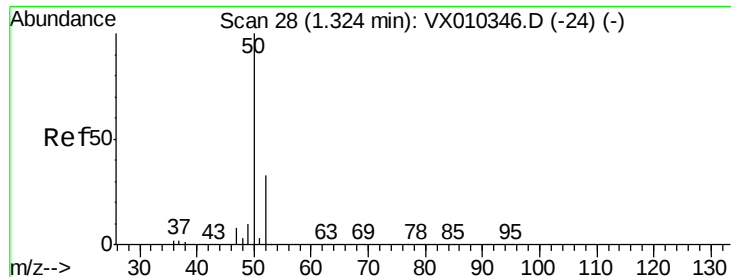
20000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 42.127 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

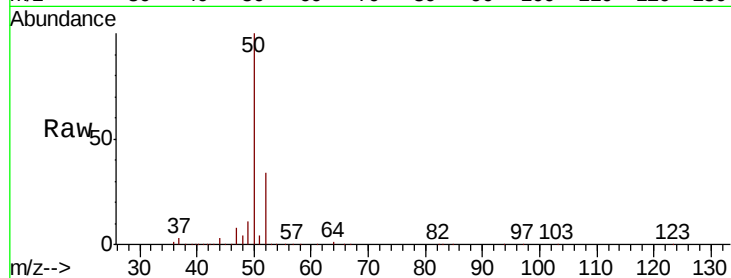
ClientSampleId :

Tot Ion: 50 Resp: 91919

Ion Ratio Lower Upper

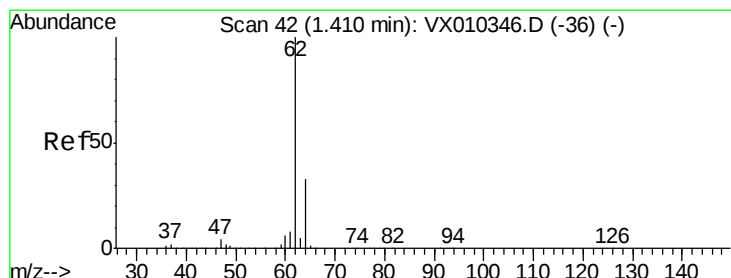
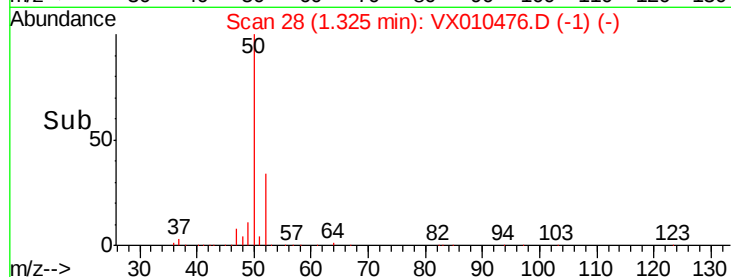
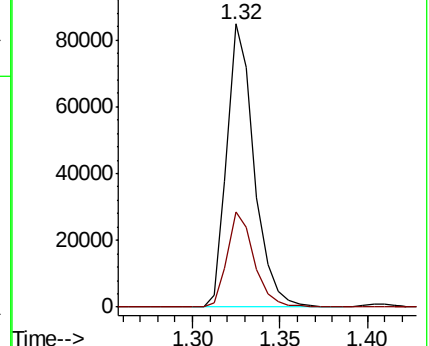
50 100

52 33.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.226 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010476.D

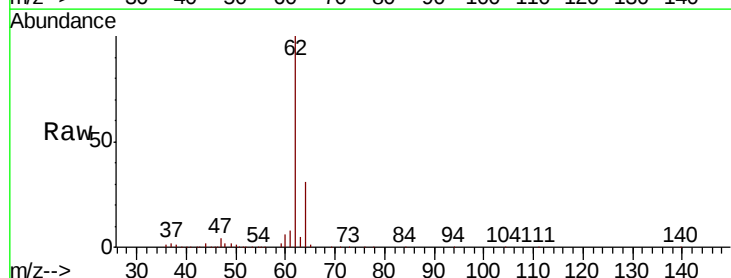
Acq: 27 Jun 2019 09:47

Tgt Ion: 62 Resp: 103307

Ion Ratio Lower Upper

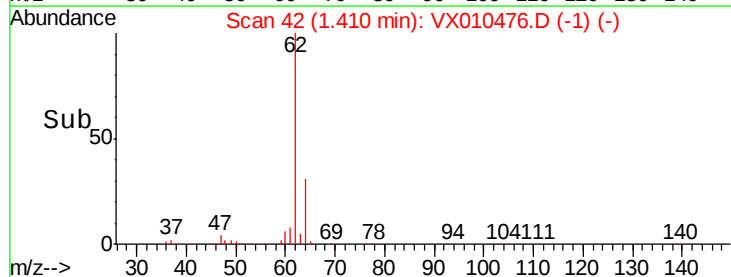
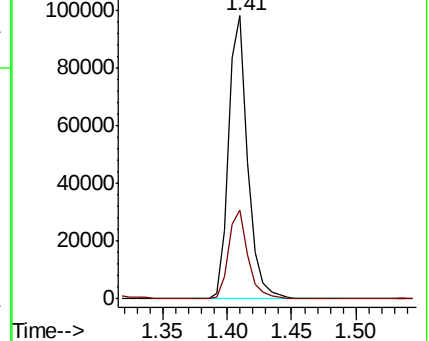
62 100

64 31.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.865 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

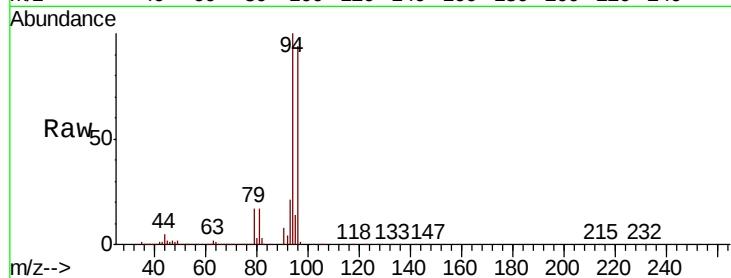
ClientSampleId :

Tot Ion: 94 Resp: 53402

Ion Ratio Lower Upper

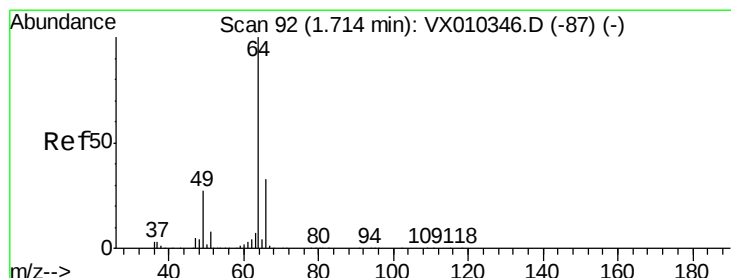
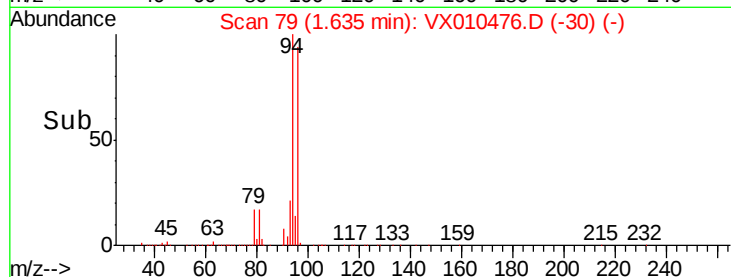
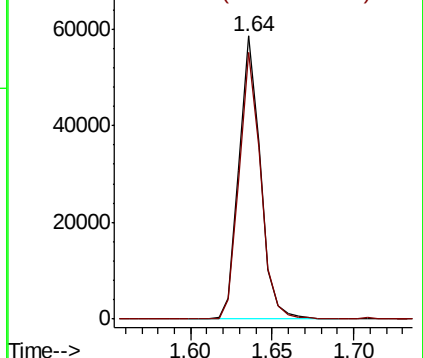
94 100

96 94.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.220 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010476.D

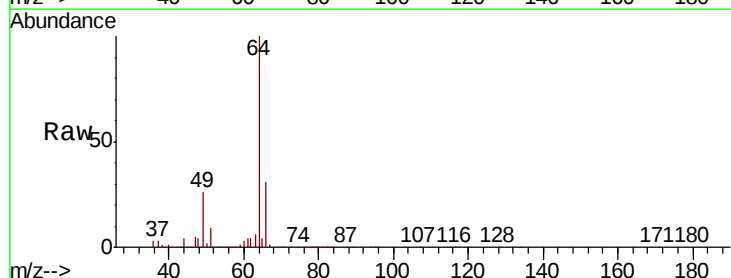
Acq: 27 Jun 2019 09:47

Tgt Ion: 64 Resp: 66580

Ion Ratio Lower Upper

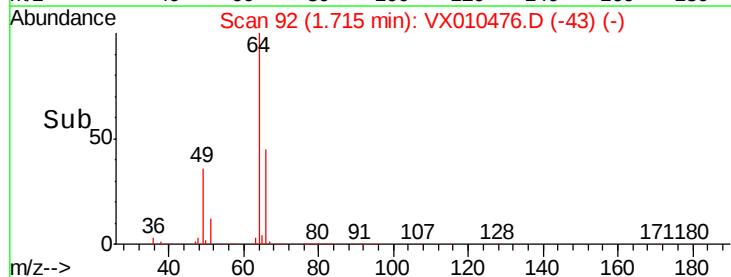
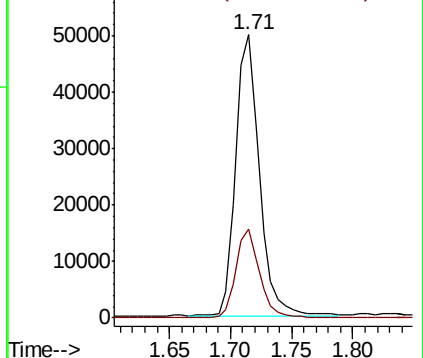
64 100

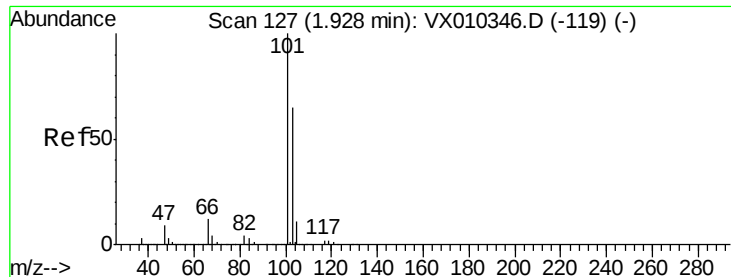
66 31.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



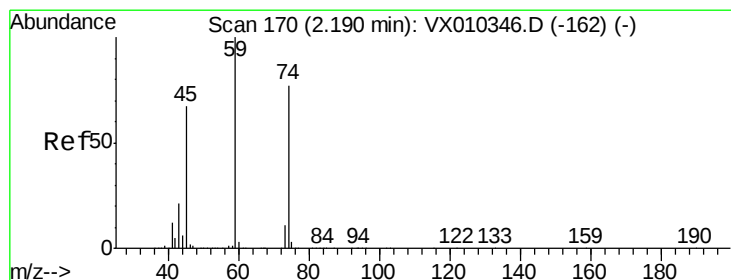
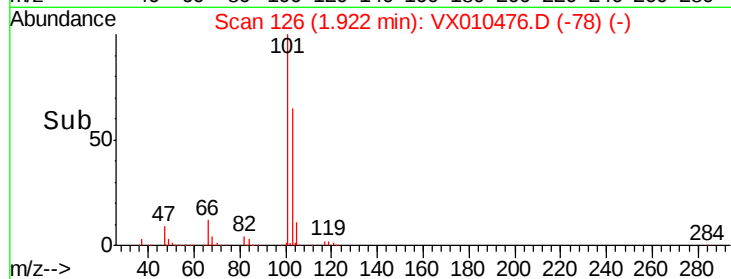
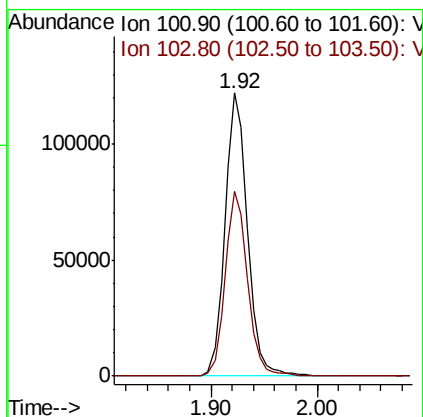
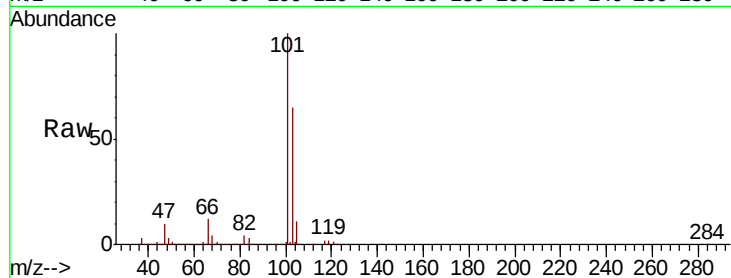


#7

Trichlorofluoromethane
 Concen: 47.436 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampled :

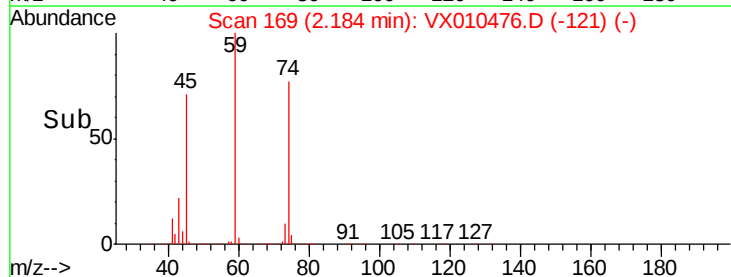
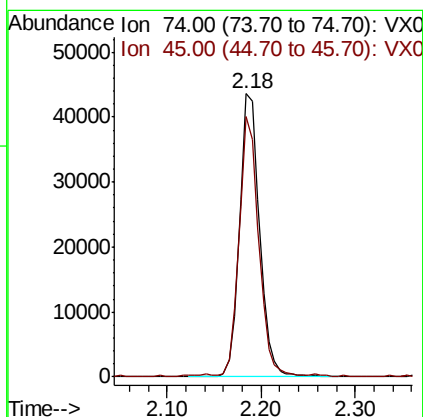
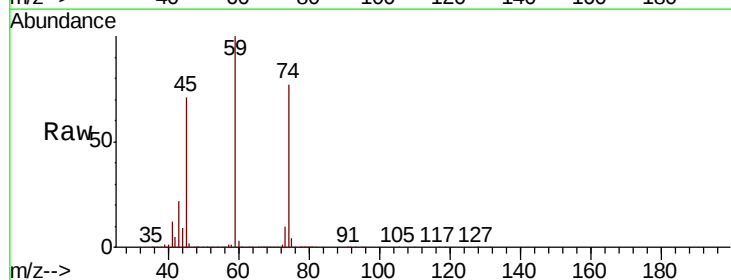
Tot Ion:101 Resp: 179716
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5



#8

Diethyl Ether
 Concen: 47.696 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion: 74 Resp: 64802
 Ion Ratio Lower Upper
 74 100
 45 88.0 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.141 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

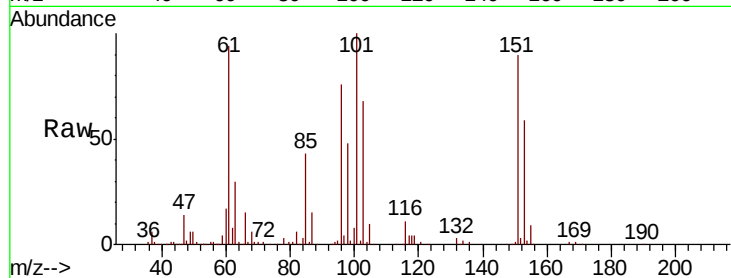
Tot Ion:101 Resp: 108230

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

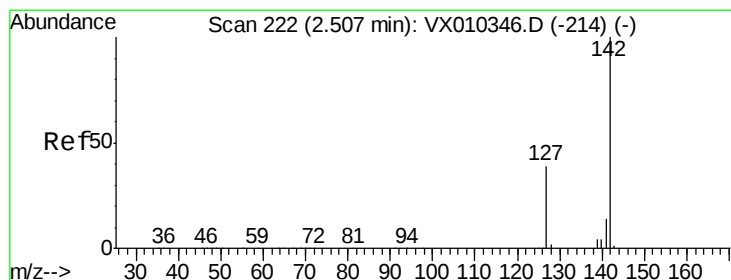
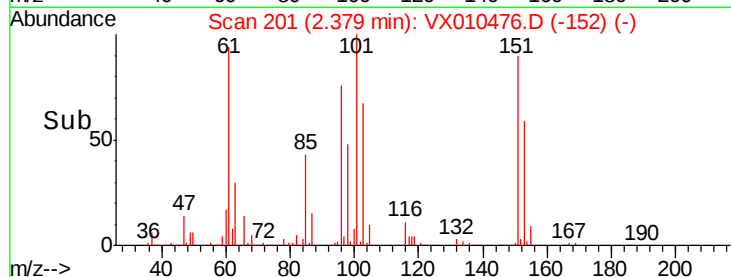
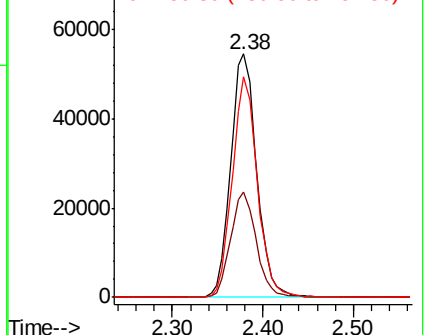
151 87.7 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.658 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

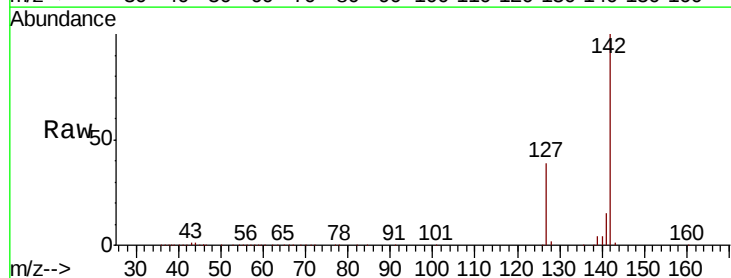
Tgt Ion:142 Resp: 152877

Ion Ratio Lower Upper

142 100

127 40.3 31.1 46.7

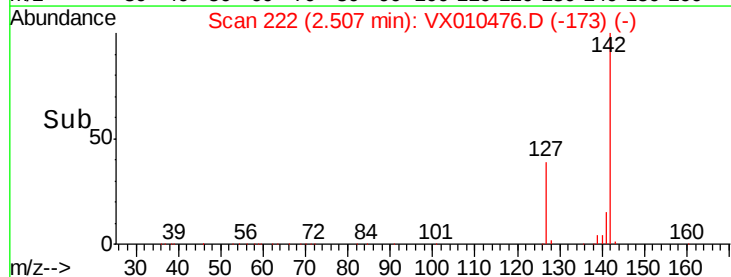
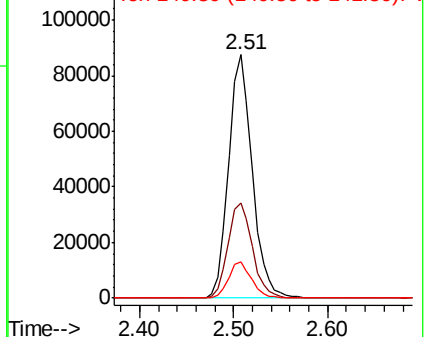
141 14.6 11.2 16.8

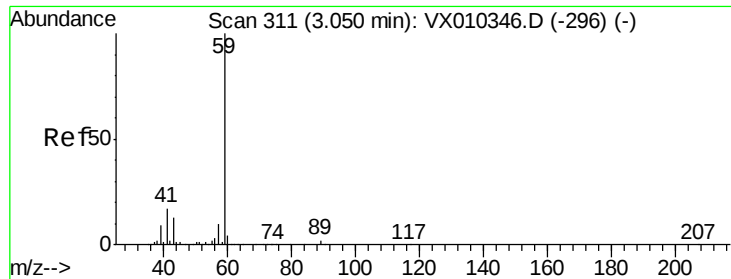


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



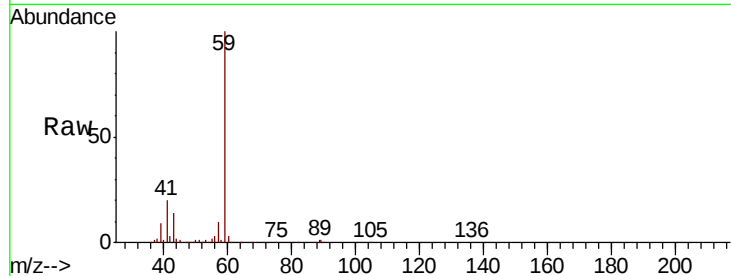


#11

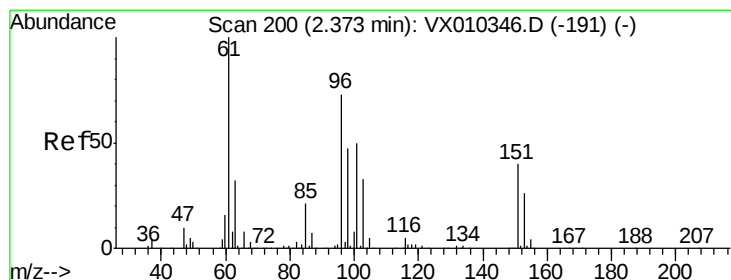
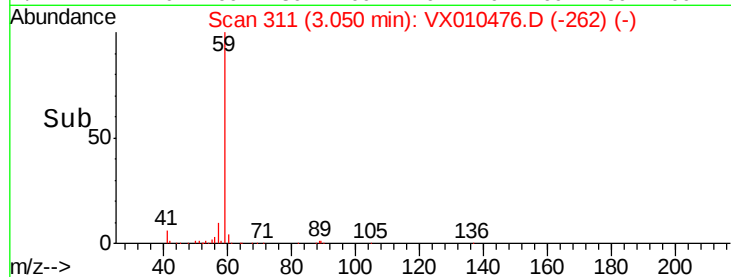
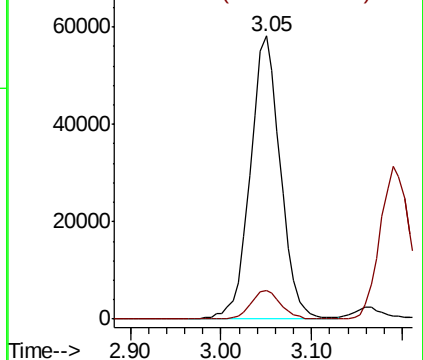
Tert butyl alcohol
 Concen: 202.432 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 59 Resp: 133860
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.7 11.5



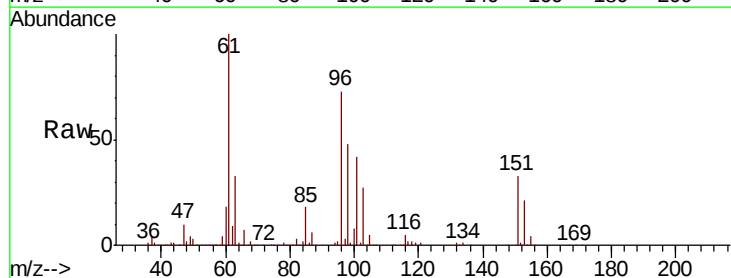
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



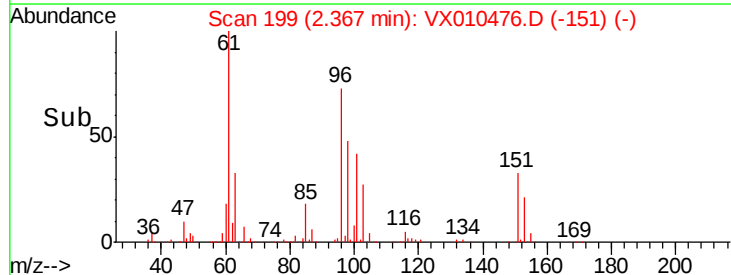
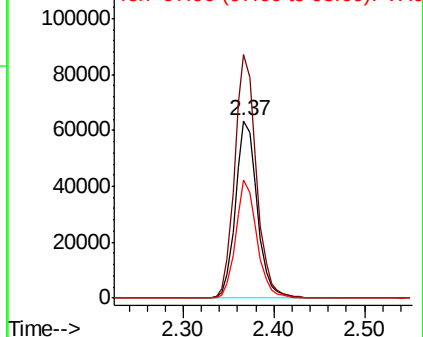
#12

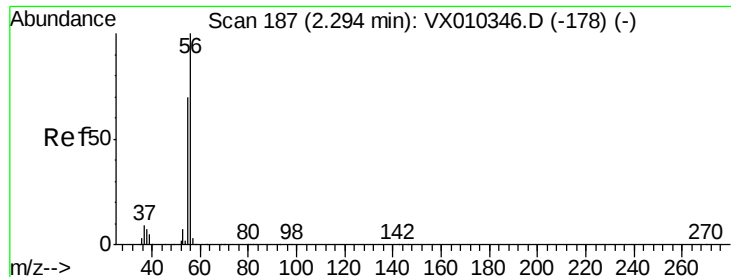
1,1-Dichloroethene
 Concen: 44.856 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion: 96 Resp: 104793
 Ion Ratio Lower Upper
 96 100
 61 137.1 109.2 163.8
 98 66.3 51.1 76.7



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





#13

Acrolein

Concen: 203.362 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

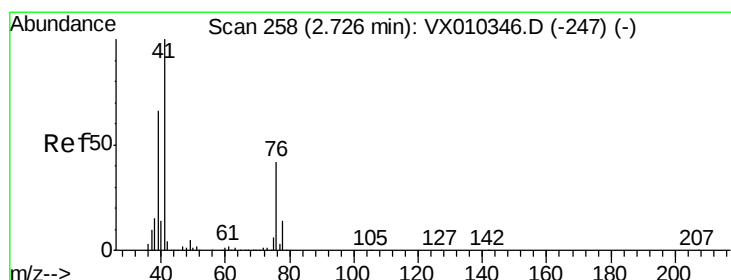
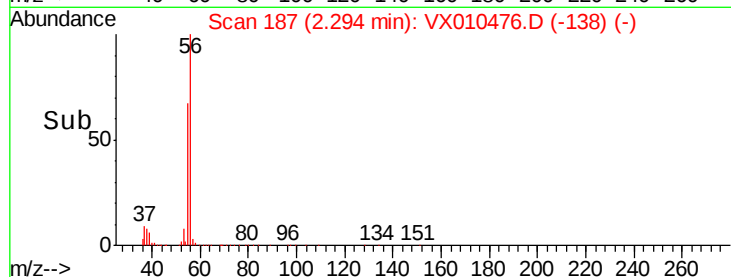
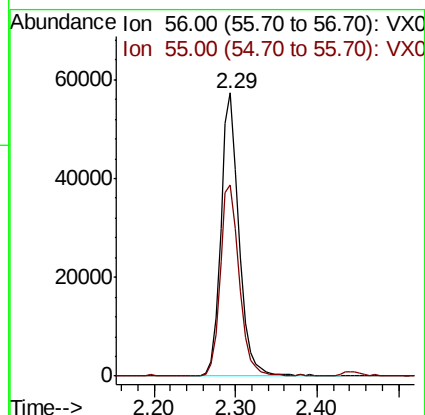
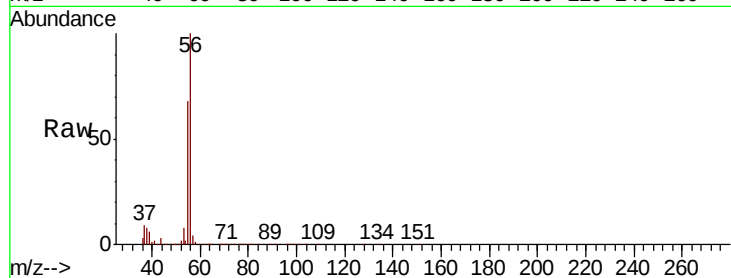
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 89207

Ion Ratio Lower Upper

56 100

55 70.5 56.9 85.3



#14

Allyl chloride

Concen: 46.094 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

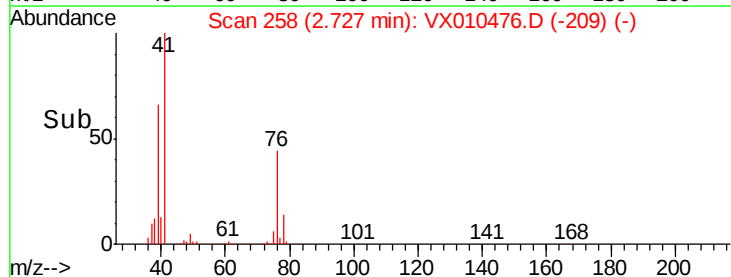
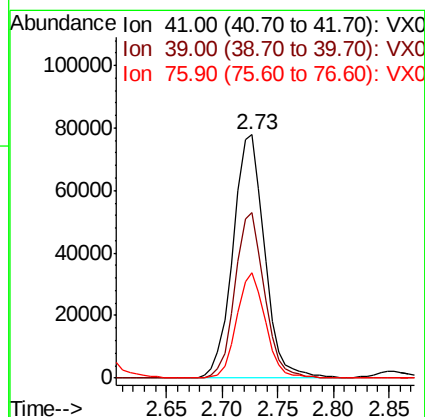
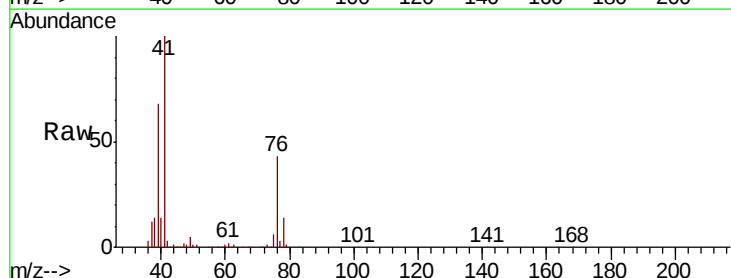
Tgt Ion: 41 Resp: 152881

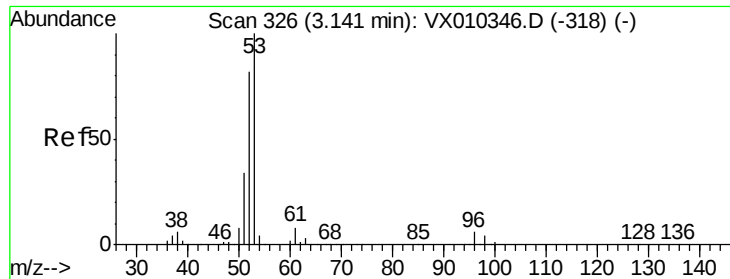
Ion Ratio Lower Upper

41 100

39 63.7 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 230.236 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

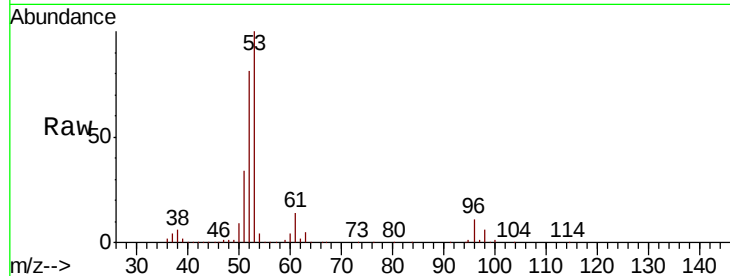
Tot Ion: 53 Resp: 301428

Ion Ratio Lower Upper

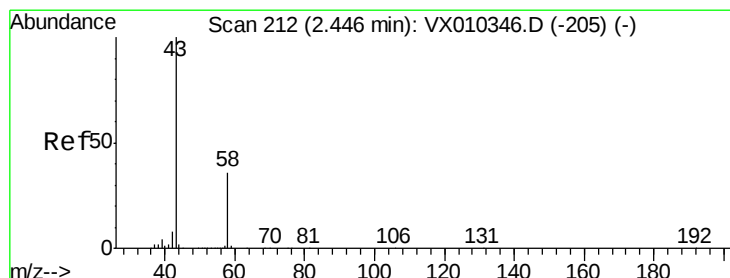
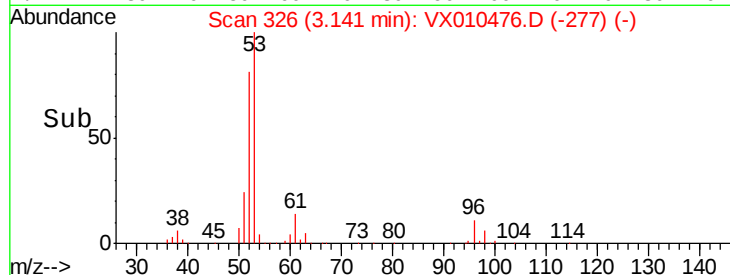
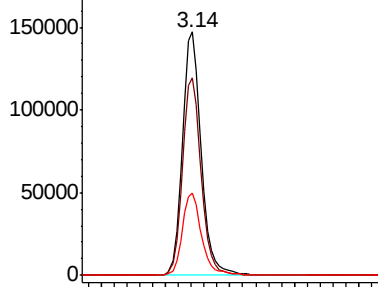
53 100

52 81.6 65.5 98.3

51 34.8 28.2 42.4



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: 277.539 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010476.D

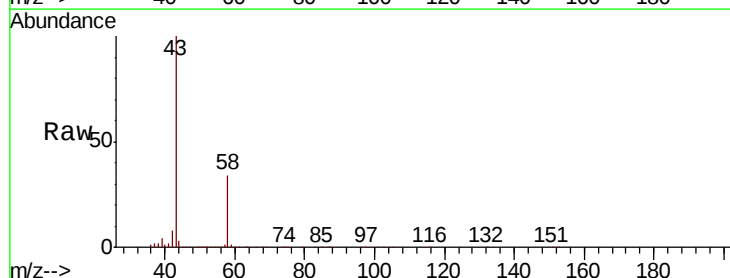
Acq: 27 Jun 2019 09:47

Tgt Ion: 43 Resp: 351504

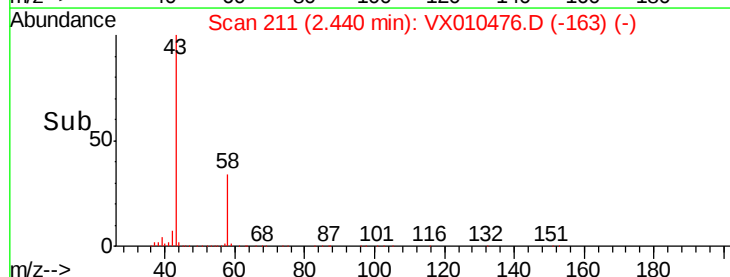
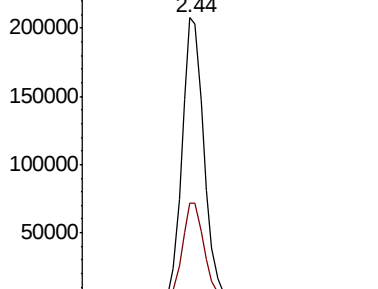
Ion Ratio Lower Upper

43 100

58 34.4 28.9 43.3



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

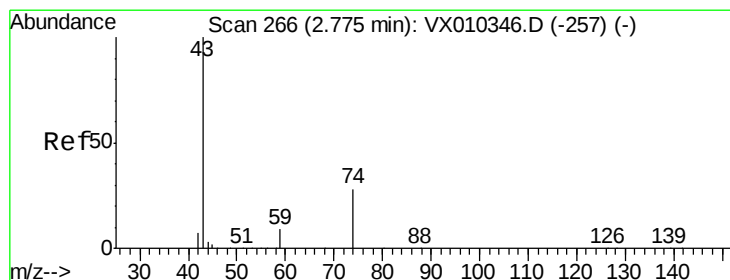
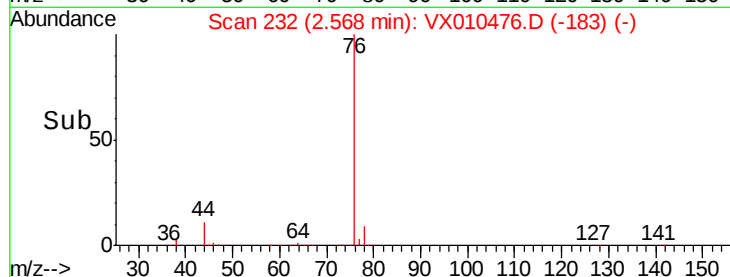
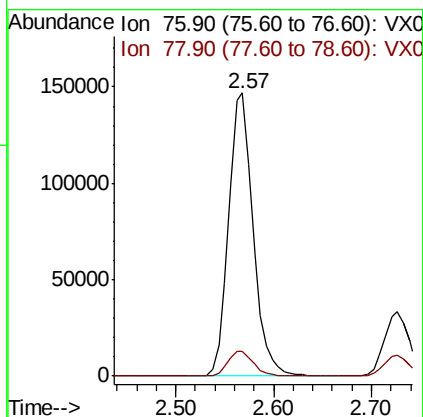
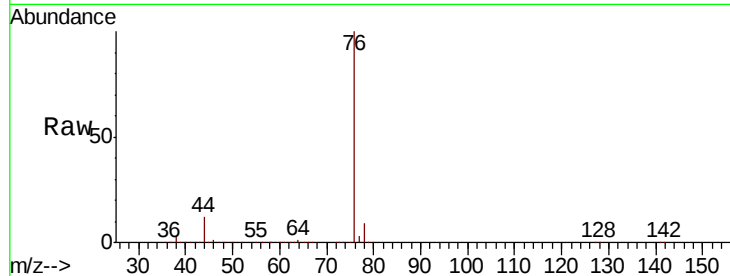




#17
Carbon Disulfide
Concen: 40.762 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

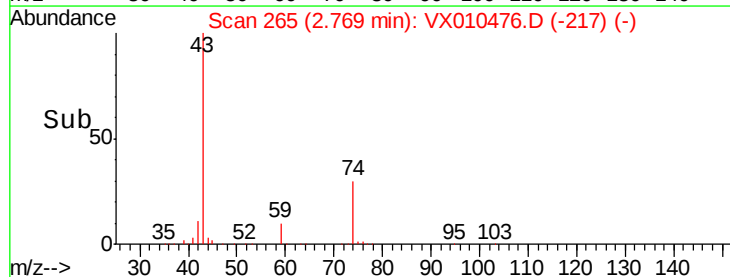
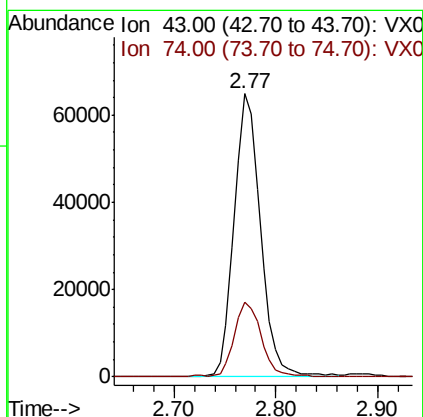
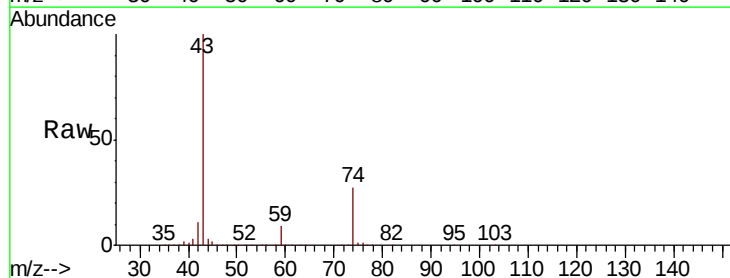
Instrument :
MSVOA_X
ClientSampleId :

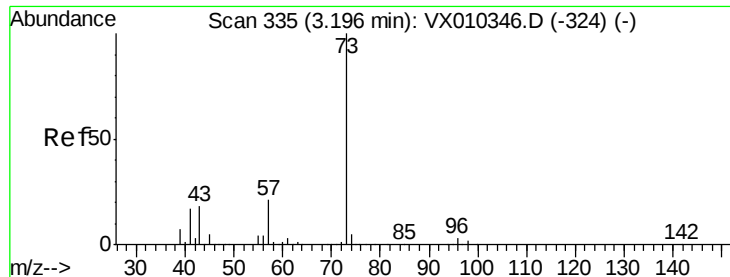
Tot Ion: 76 Resp: 255482
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 45.682 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 43 Resp: 115311
Ion Ratio Lower Upper
43 100
74 27.5 21.3 31.9

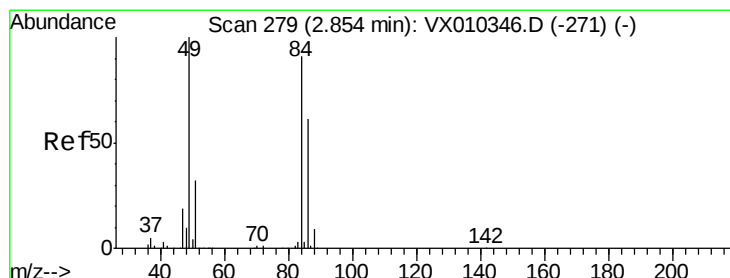
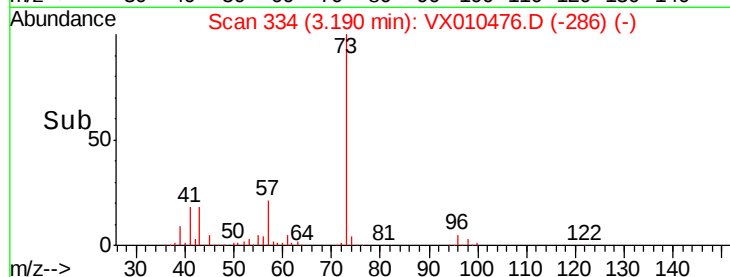
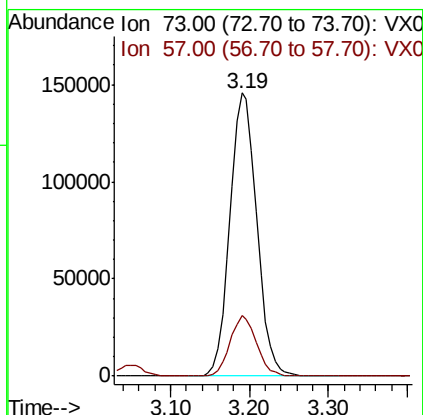
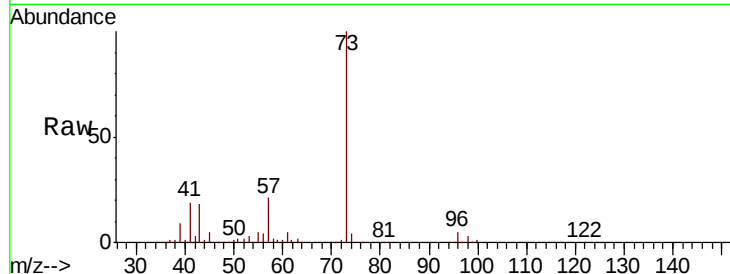




#19
Methvl tert-butvl Ether
Concen: 46.873 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

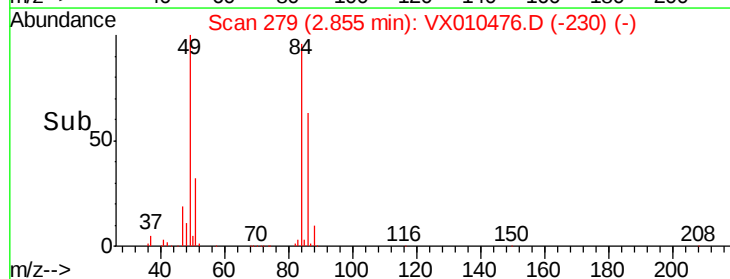
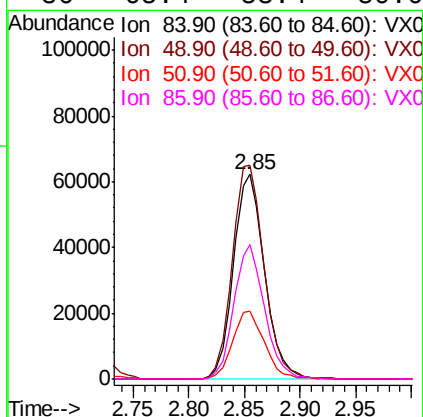
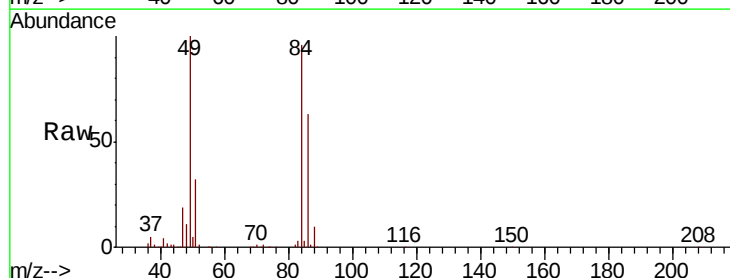
Instrument :
MSVOA_X
ClientSampleId :

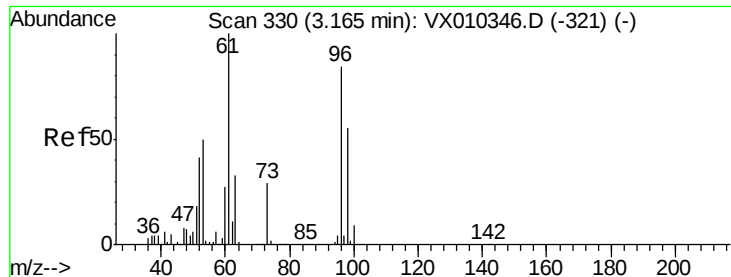
Tot Ion: 73 Resp: 344490
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 46.156 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 84 Resp: 120300
Ion Ratio Lower Upper
84 100
49 104.2 87.5 131.3
51 33.1 27.7 41.5
86 65.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 44.923 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

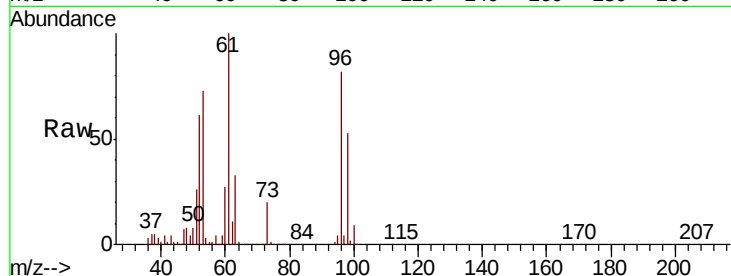
Tot Ion: 96 Resp: 112874

Ion Ratio Lower Upper

96 100

61 122.0 95.6 143.4

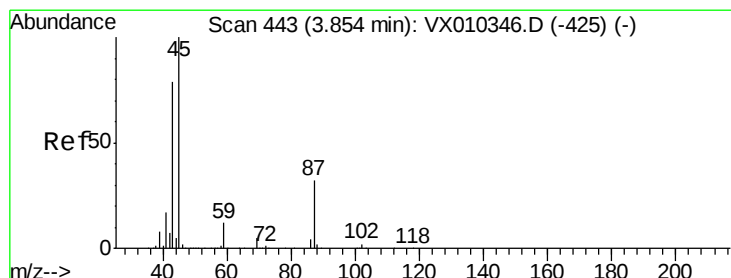
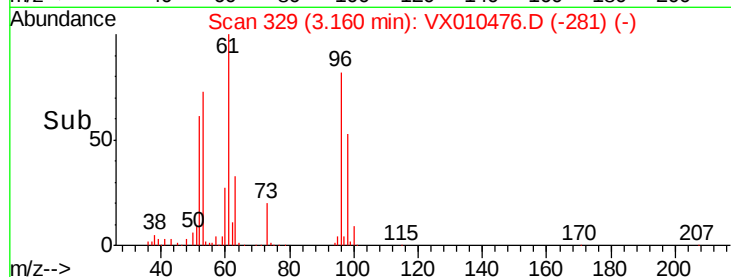
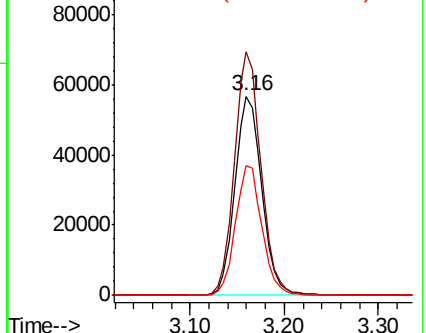
98 64.7 52.5 78.7



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: 47.084 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion: 45 Resp: 326509

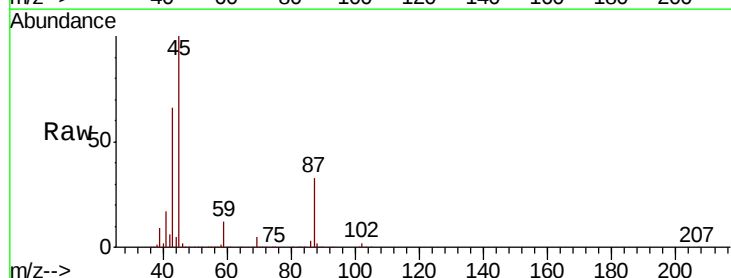
Ion Ratio Lower Upper

45 100

43 65.7 63.3 94.9

87 32.8 25.8 38.8

59 12.2 9.6 14.4

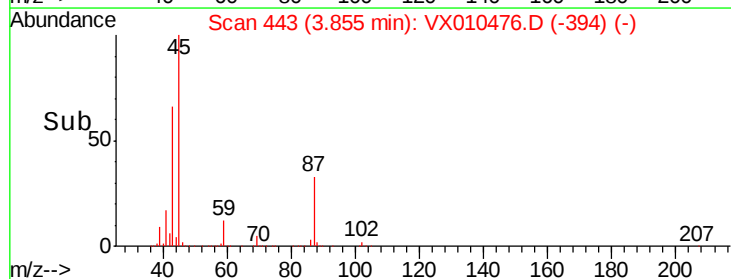
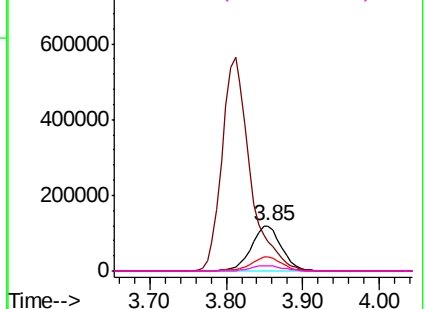


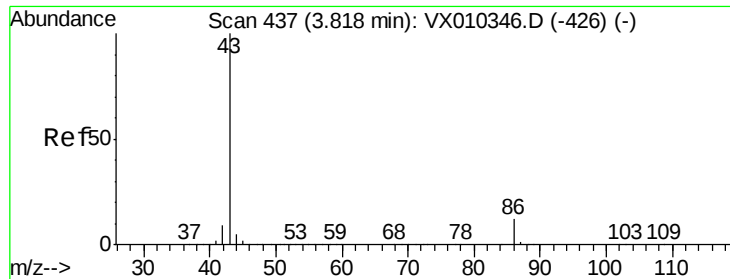
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

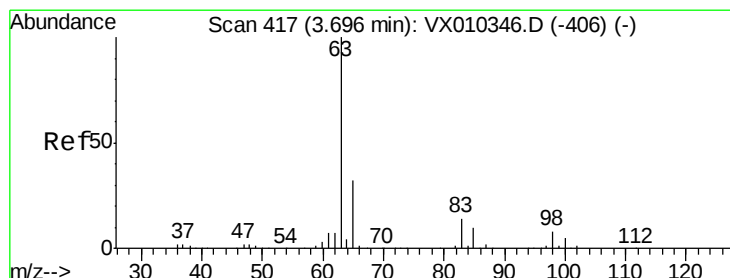
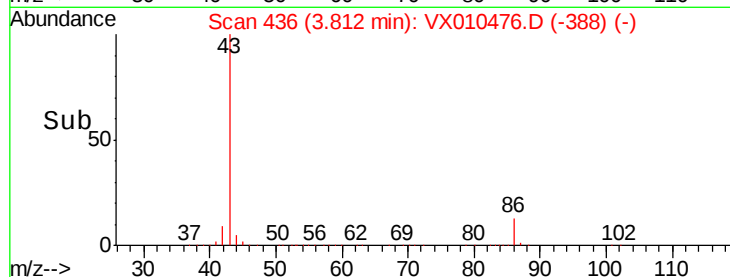
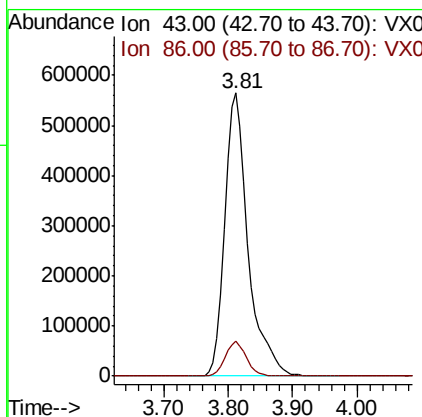
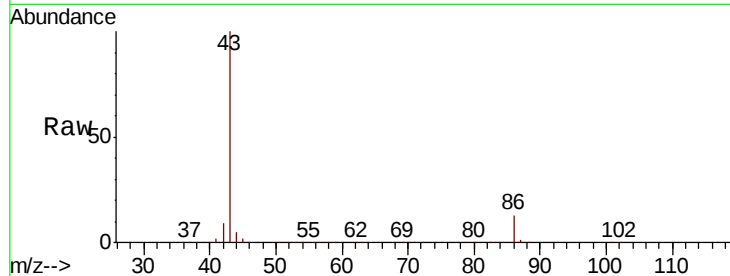




#23
 Vinyl Acetate
 Concen: 240.593 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

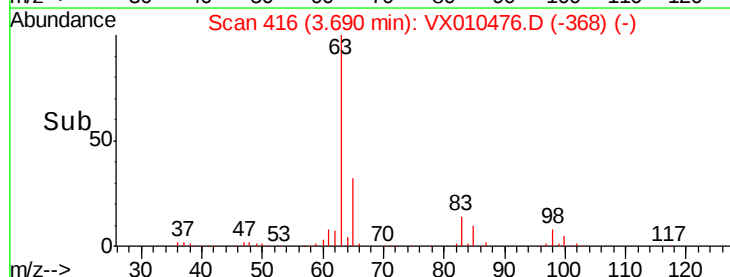
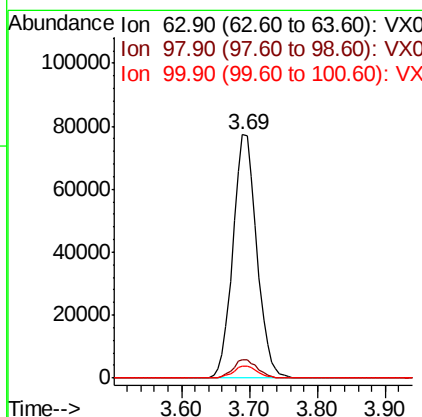
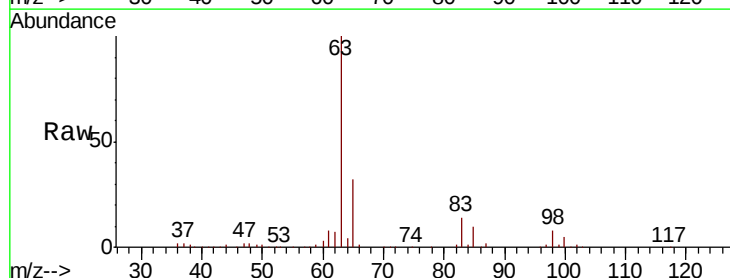
Instrument :
 MSVOA_X
 ClientSampleId :

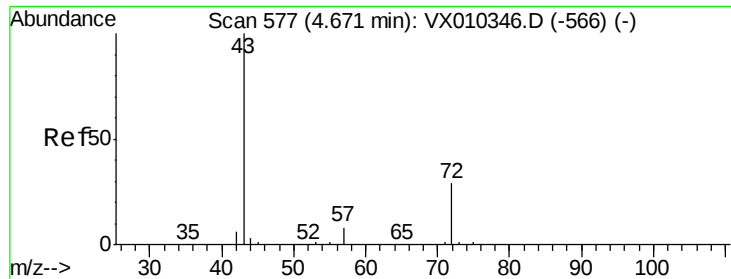
Tot Ion: 43 Resp: 1441326
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 47.032 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion: 63 Resp: 188525
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 251.940 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

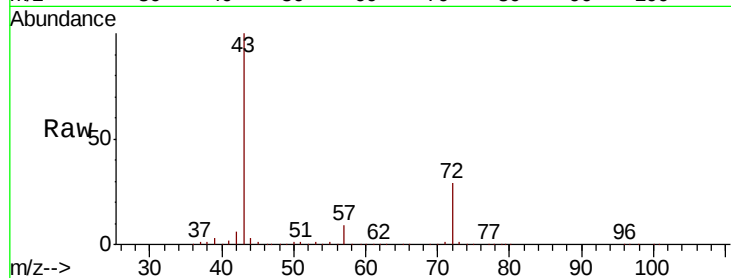
ClientSampleId :

Tot Ion: 43 Resp: 468054

Ion Ratio Lower Upper

43 100

72 29.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

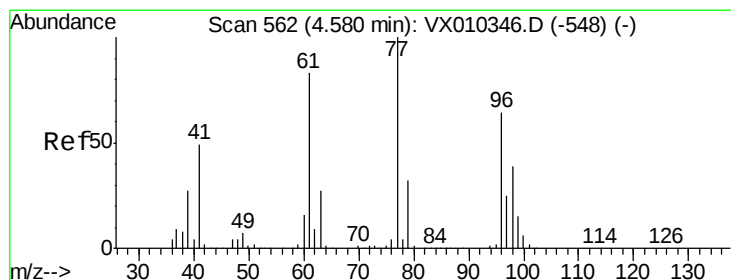
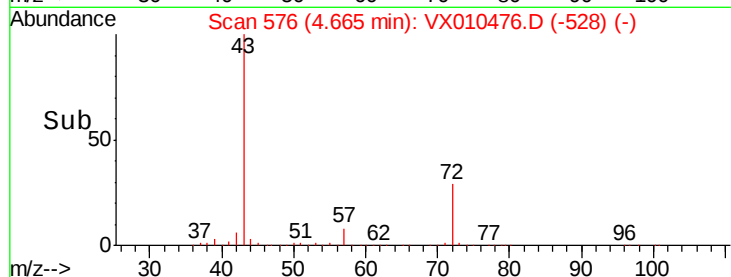
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.739 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010476.D

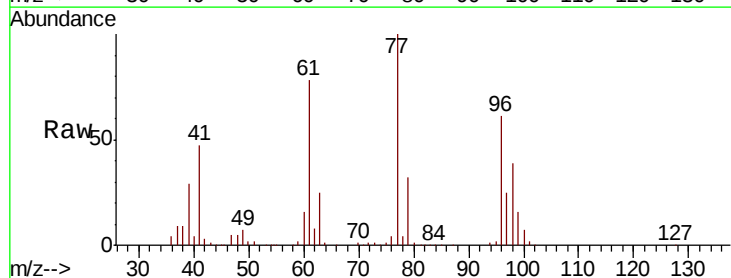
Acq: 27 Jun 2019 09:47

Tgt Ion: 77 Resp: 166231

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

60000

50000

40000

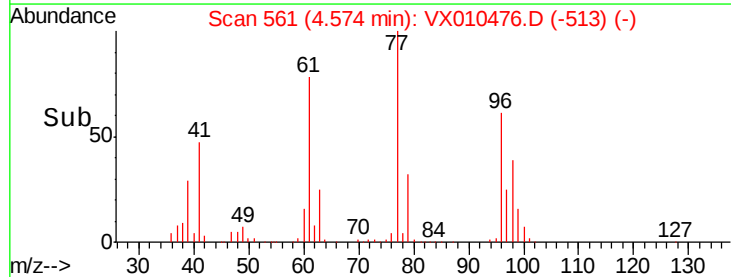
30000

20000

10000

0

Time-->



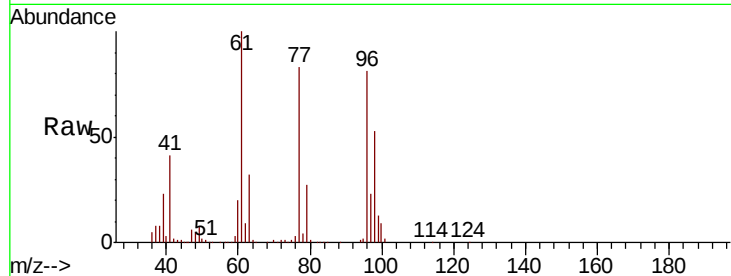


#27

cis-1,2-Dichloroethene
 Concen: 46.713 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	135634
Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	251.8
98	65.3	0.0	129.4

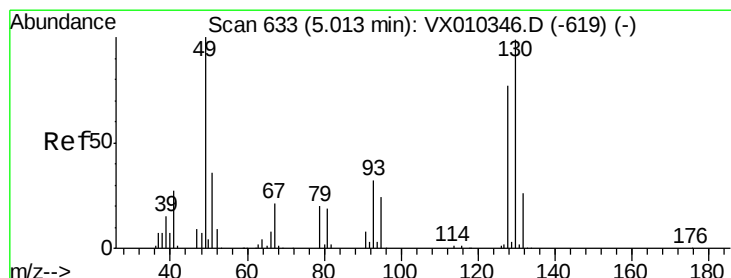
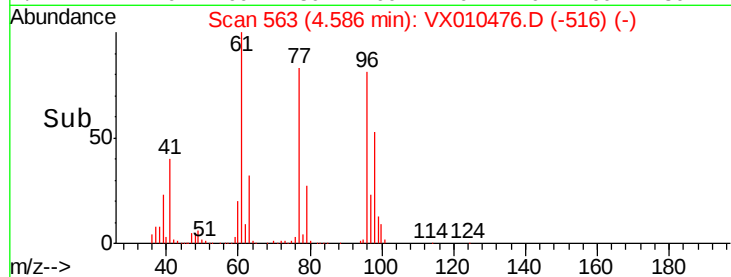
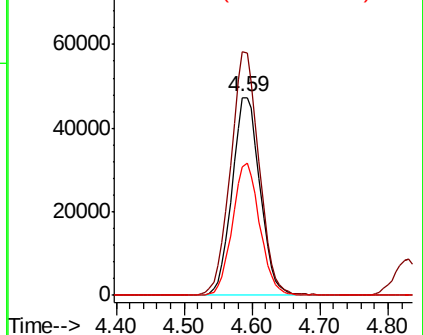


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

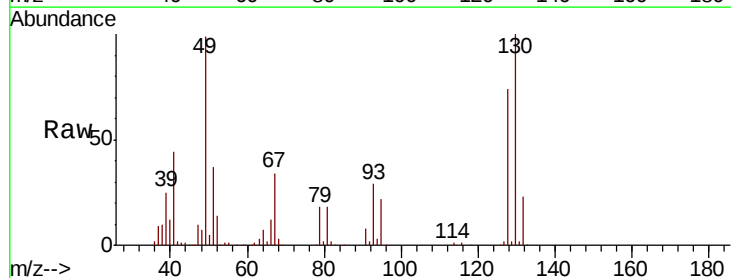
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 43.659 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion	49	Resp	83672
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	101.8	81.4	122.0

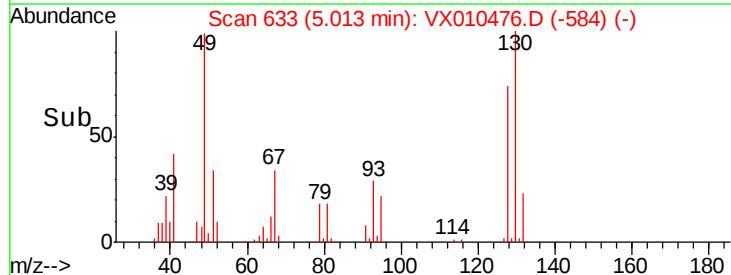
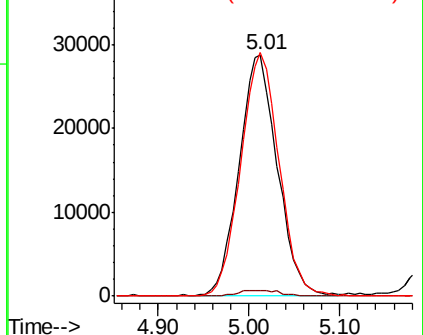


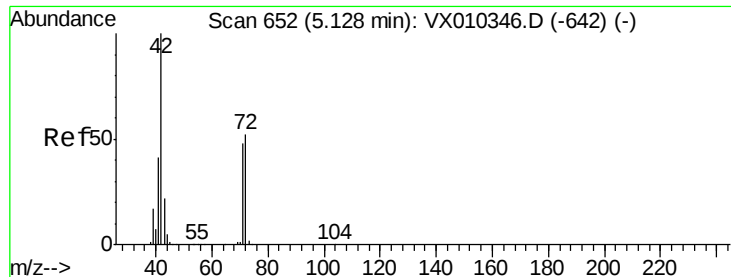
Abundance

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

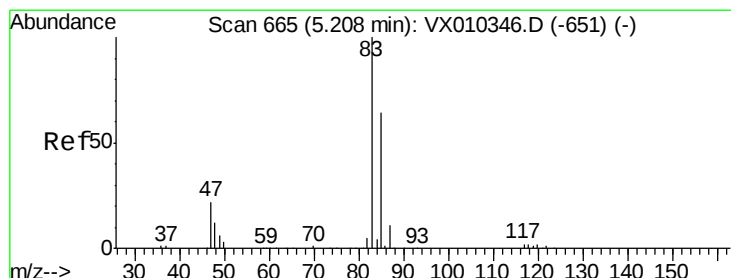
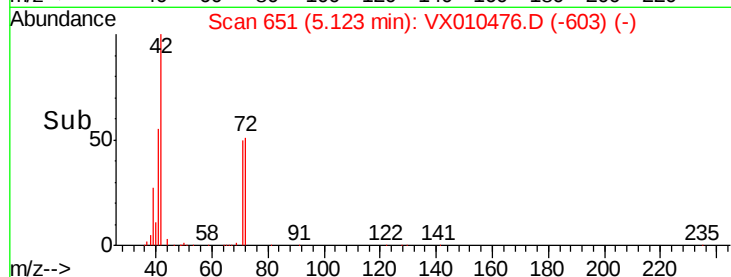
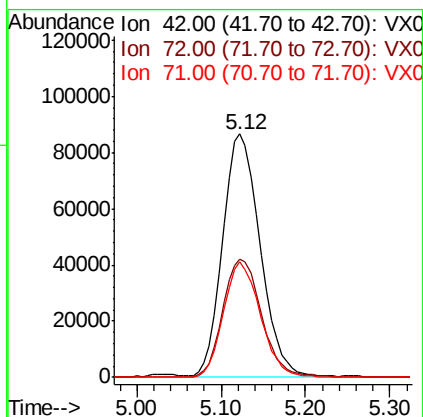
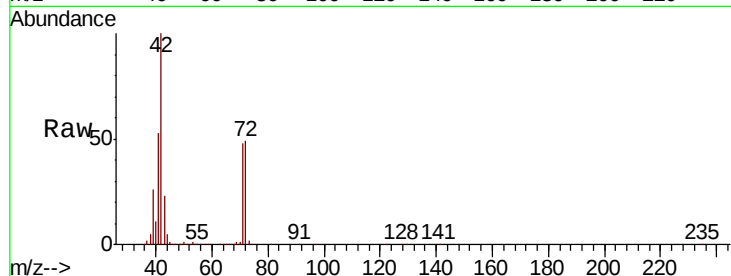




#29
Tetrahydrofuran
Concen: 226.440 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

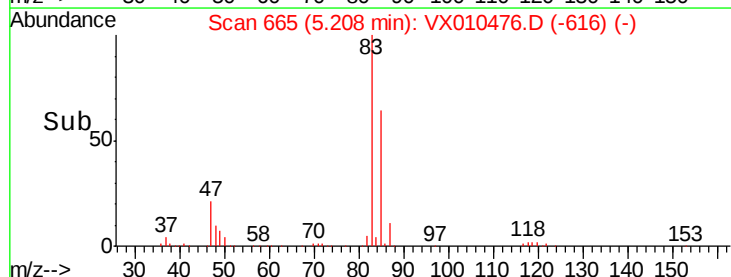
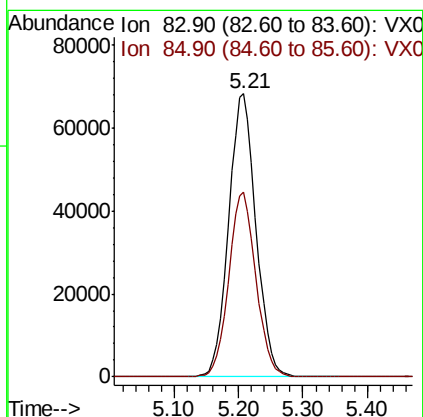
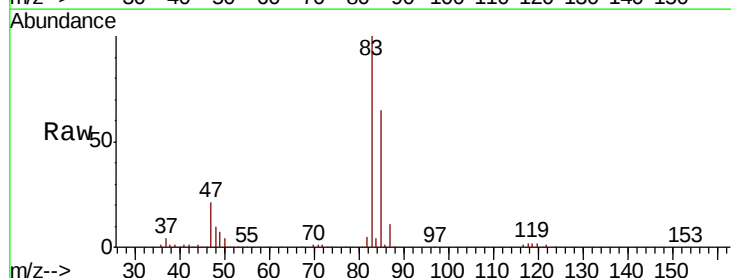
Instrument :
MSVOA_X
ClientSampled :

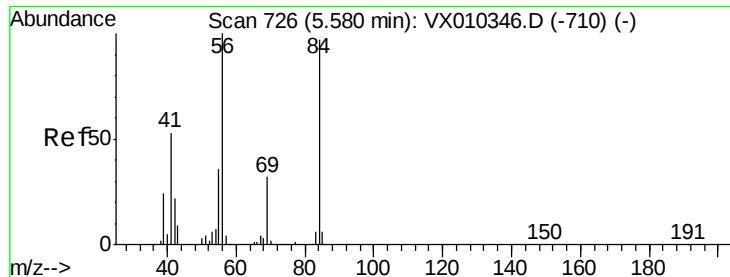
Tot Ion: 42 Resp: 260572
Ion Ratio Lower Upper
42 100
72 50.6 40.6 60.8
71 46.8 37.8 56.8



#30
Chloroform
Concen: 46.991 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 83 Resp: 202664
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3

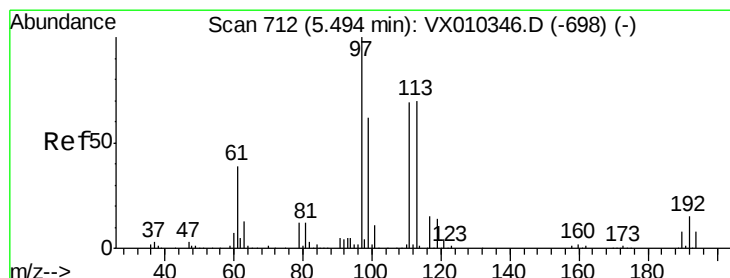
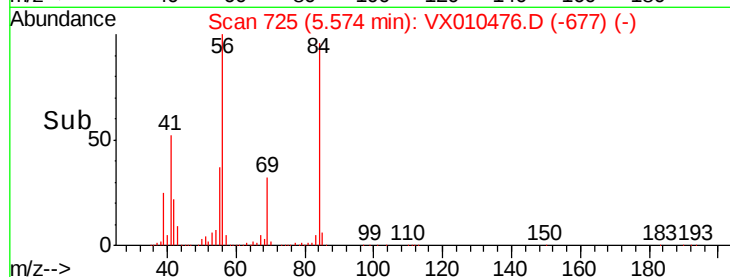
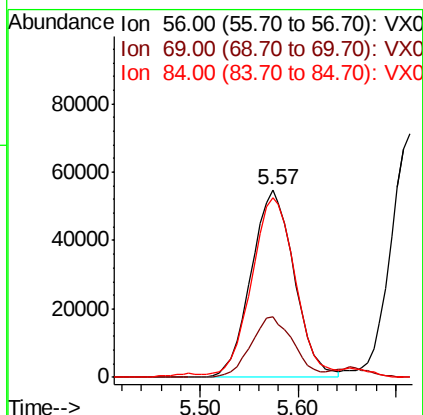
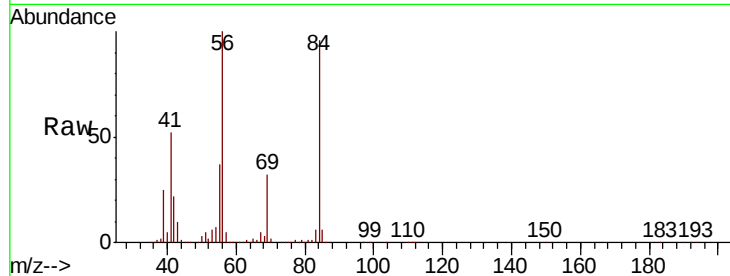




#31
Cyclohexane
Concen: 45.793 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

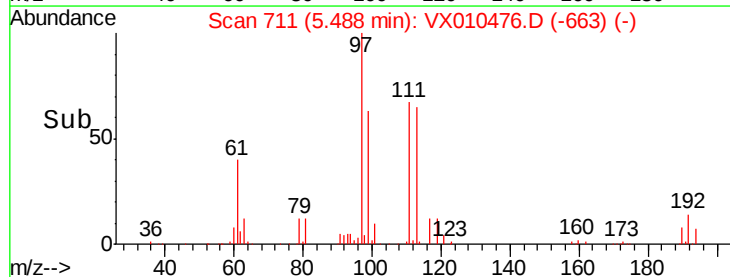
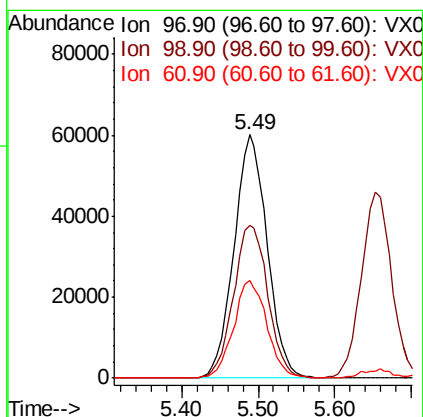
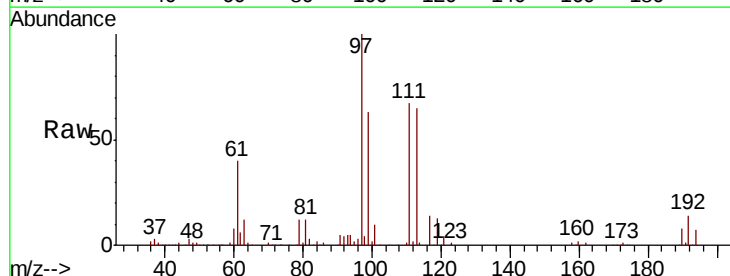
Instrument :
MSVOA_X
ClientSampleId :

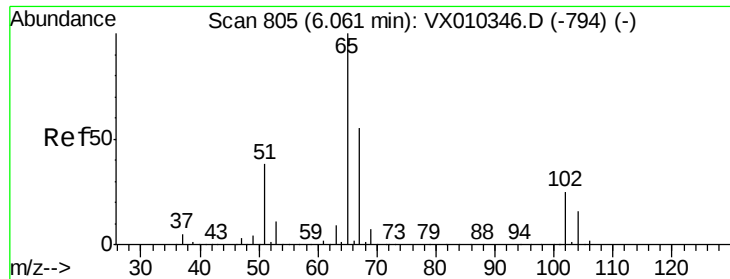
Tot Ion: 56 Resp: 167155
Ion Ratio Lower Upper
56 100
69 32.5 25.9 38.9
84 93.9 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 47.469 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 97 Resp: 180774
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 40.4 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 45.225 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

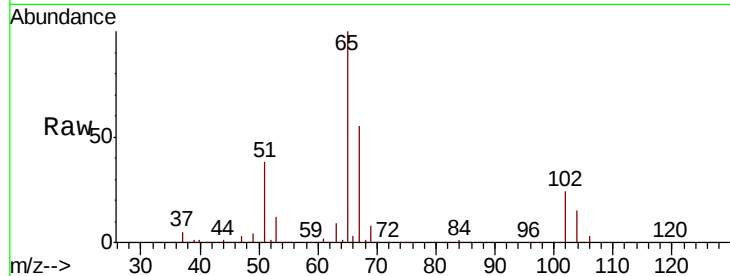
ClientSampleId :

Tot Ion: 65 Resp: 114287

Ion Ratio Lower Upper

65 100

67 56.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

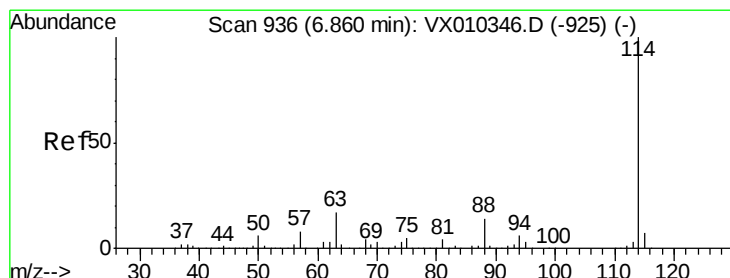
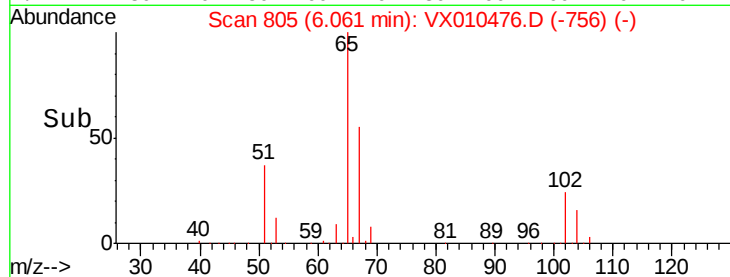
20000

10000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

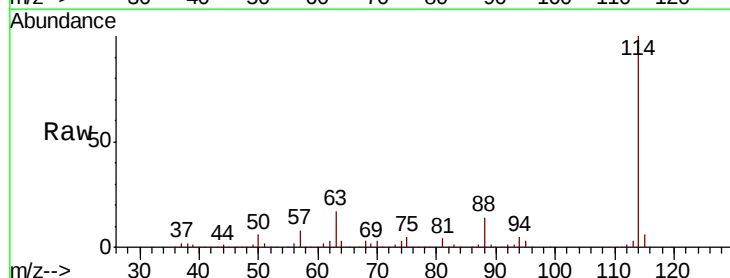
Tgt Ion: 114 Resp: 385234

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

88 14.1 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

200000

150000

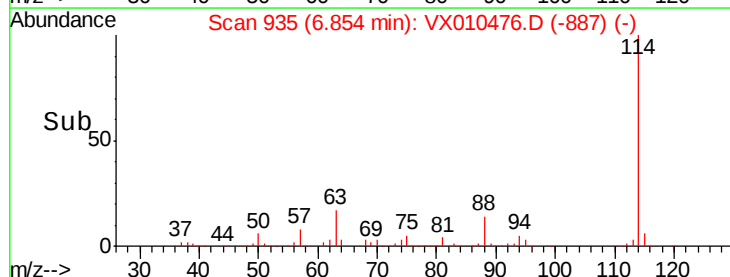
100000

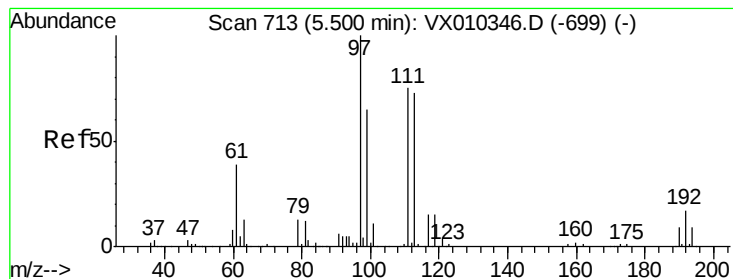
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.222 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampled :

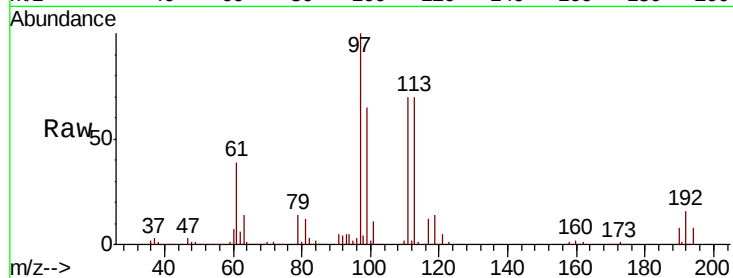
Tot Ion:113 Resp: 116016

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

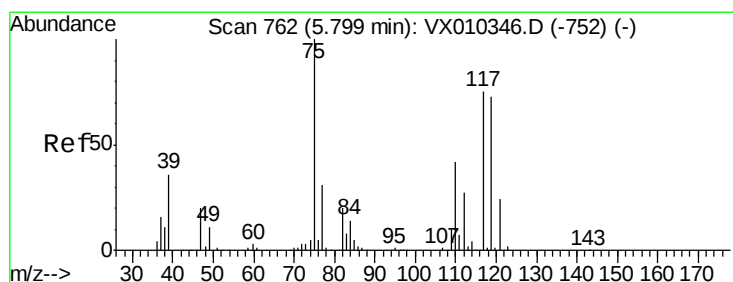
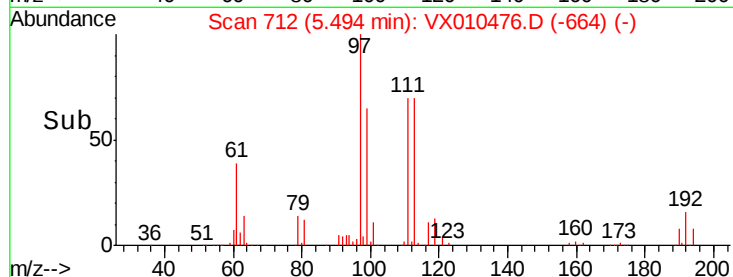
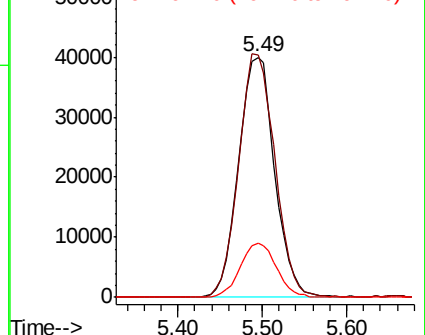
192 22.6 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.270 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

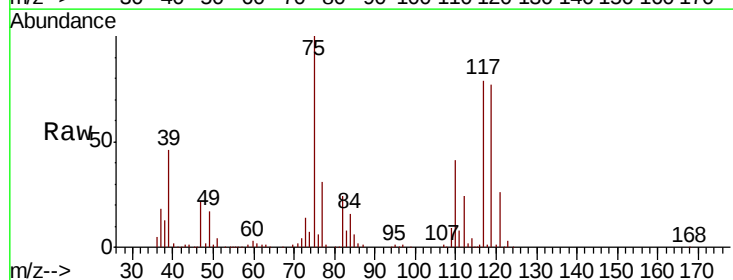
Tgt Ion: 75 Resp: 147768

Ion Ratio Lower Upper

75 100

110 40.9 20.8 62.2

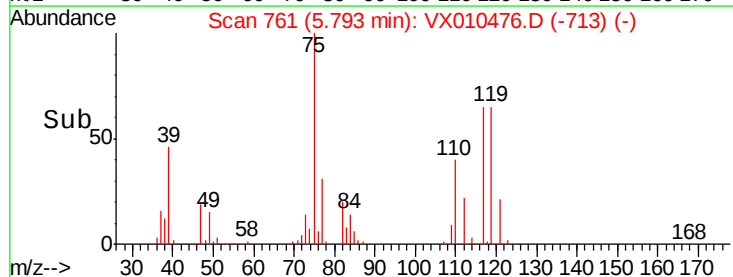
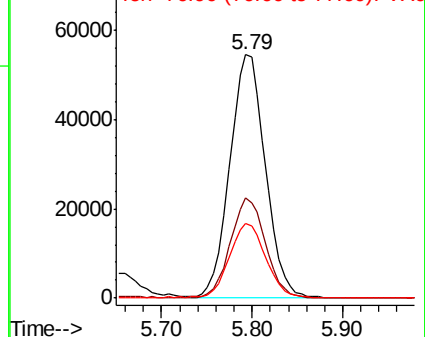
77 31.3 25.4 38.0

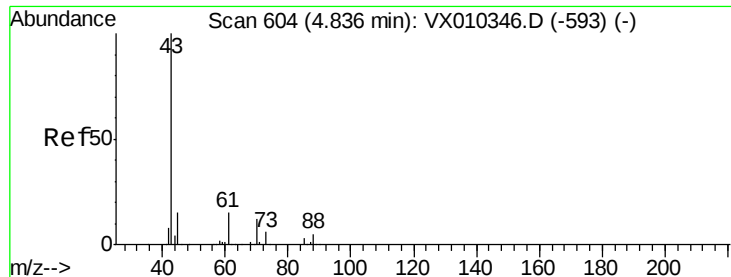


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

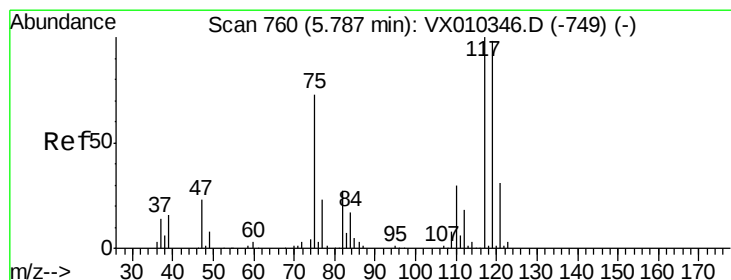
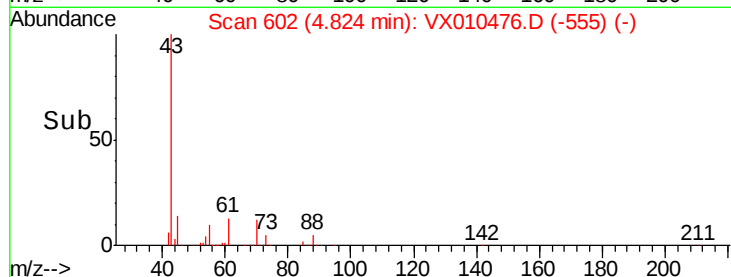
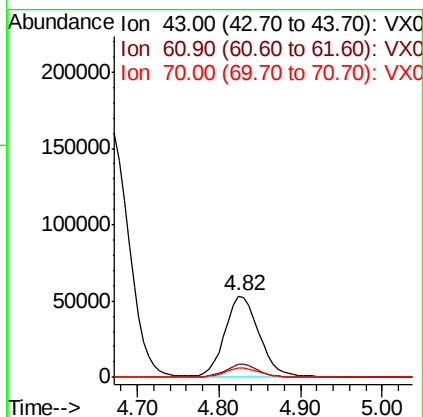
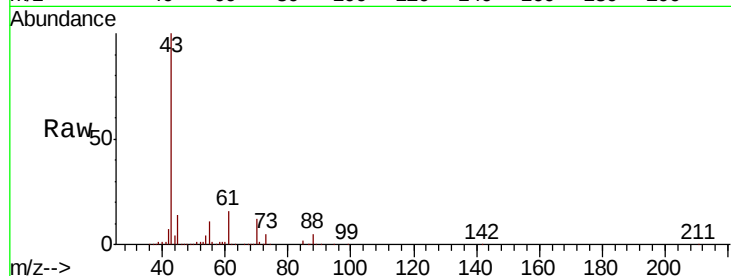




#37
Ethyl Acetate
Concen: 48.859 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

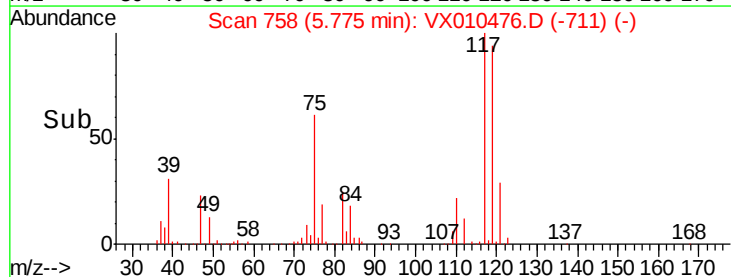
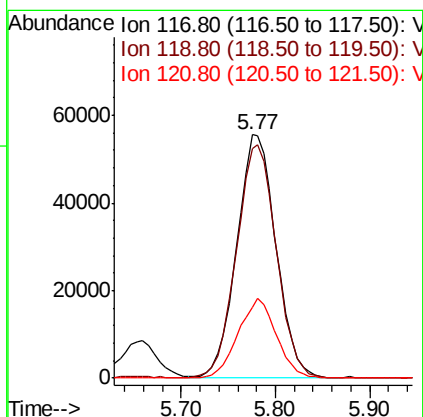
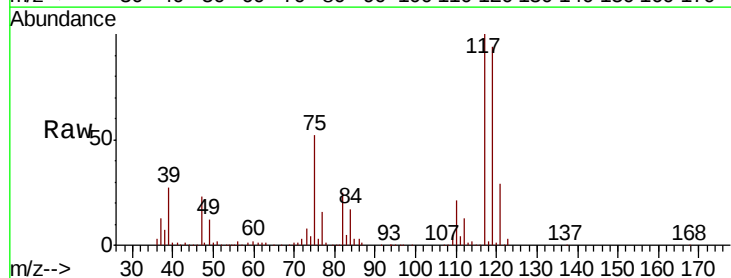
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 153872
Ion Ratio Lower Upper
43 100
61 15.3 12.4 18.6
70 11.8 9.8 14.8



#38
Carbon Tetrachloride
Concen: 48.626 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 117 Resp: 161193
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.4
121 29.2 24.7 37.1

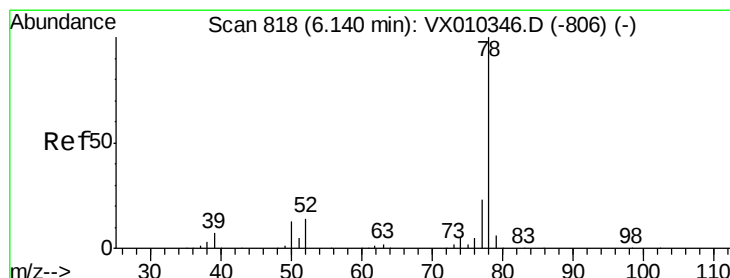
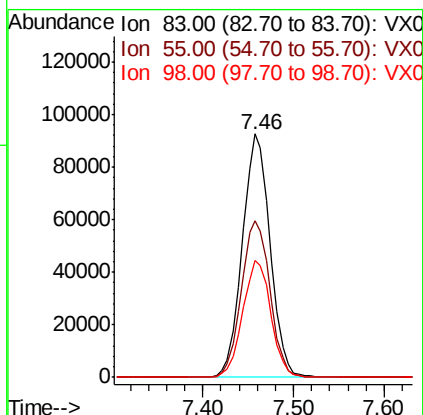
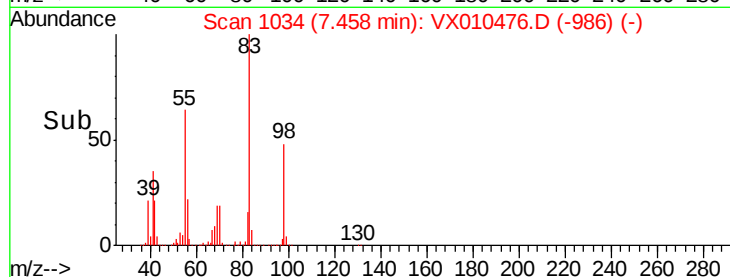
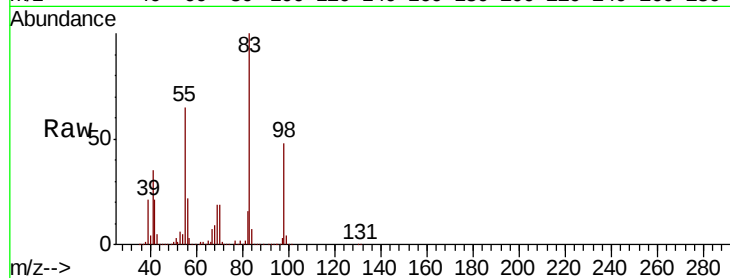




#39
Methvlcvclohexane
Concen: 48.732 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

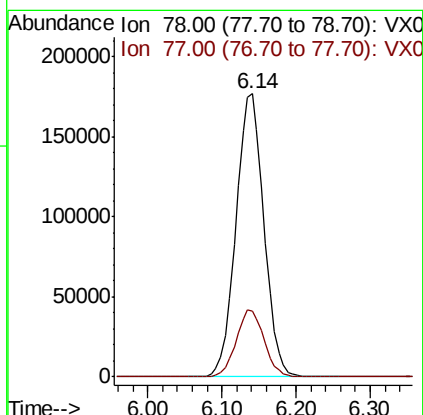
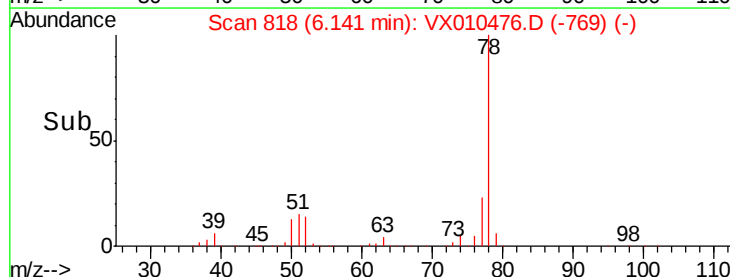
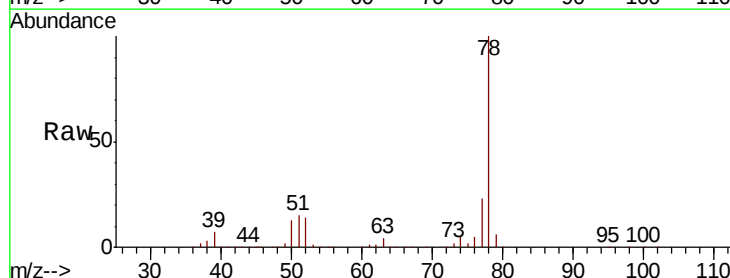
Instrument :
MSVOA_X
ClientSampled :

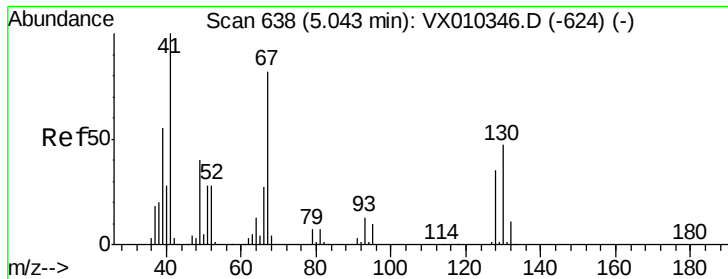
Tot Ion: 83 Resp: 196098
Ion Ratio Lower Upper
83 100
55 64.5 53.0 79.6
98 48.3 37.8 56.8



#40
Benzene
Concen: 48.732 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 78 Resp: 464769
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

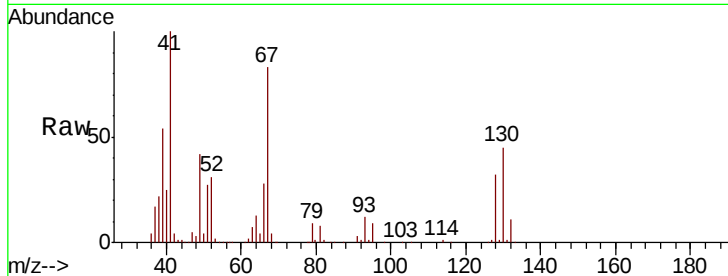




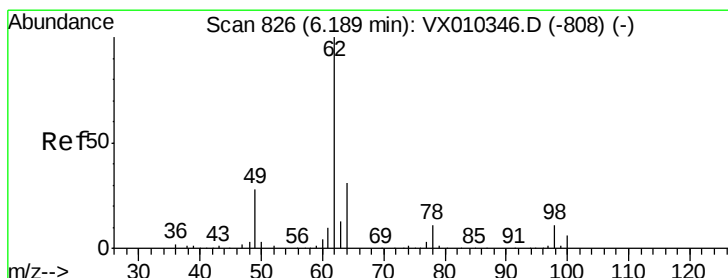
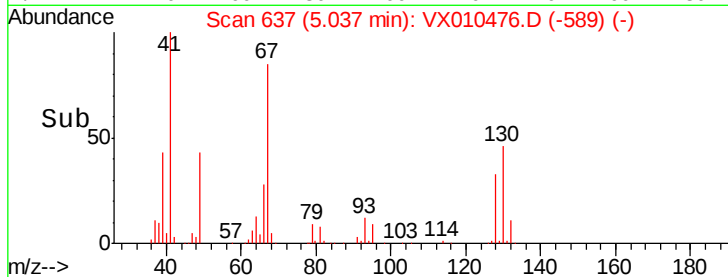
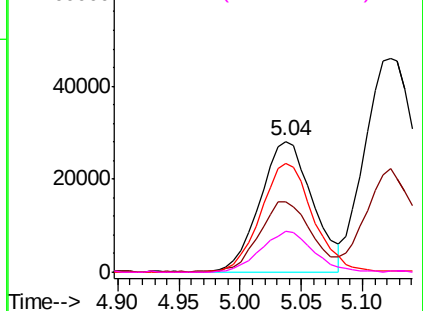
#41
Methacrylonitrile
Concen: 48.875 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	84454
Ion	Ratio	Lower	Upper
41	100		
39	52.0	43.8	65.8
67	83.1	66.6	100.0
52	30.7	24.5	36.7

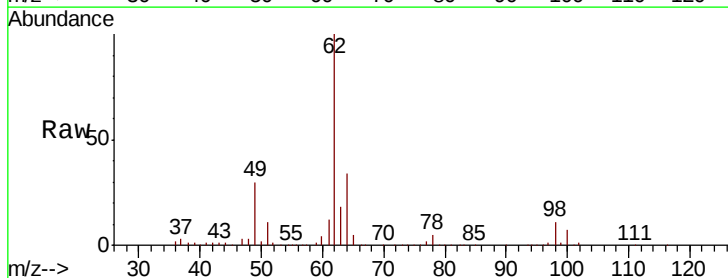


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

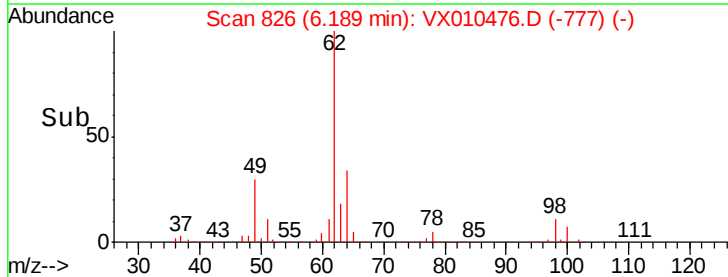
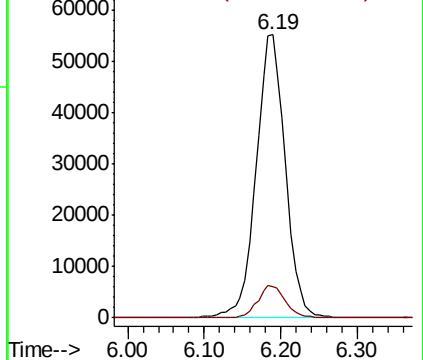


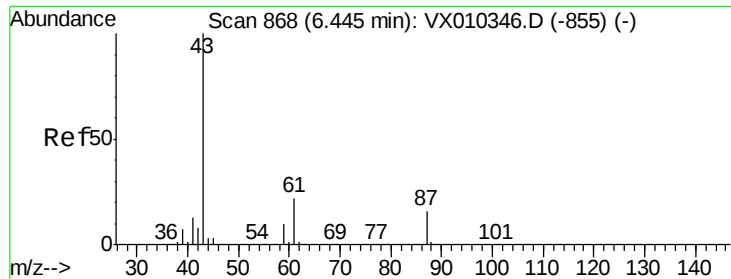
#42
1,2-Dichloroethane
Concen: 50.526 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion:	62	Resp:	146687
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.2



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



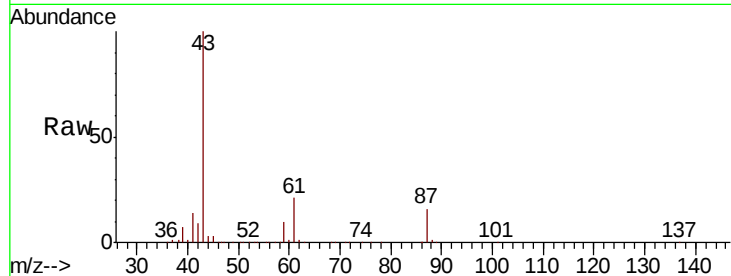


#43

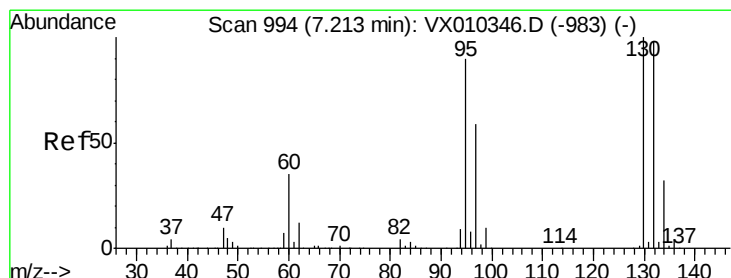
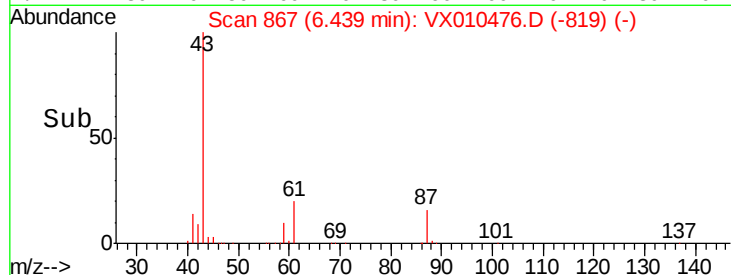
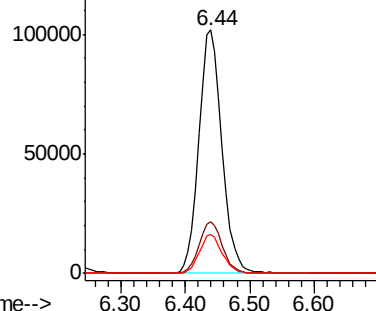
Isopropyl Acetate
 Concen: 49.161 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	256152
Ion Ratio	Lower	Upper	
43	100		
61	21.5	17.8	26.6
87	15.8	13.0	19.4



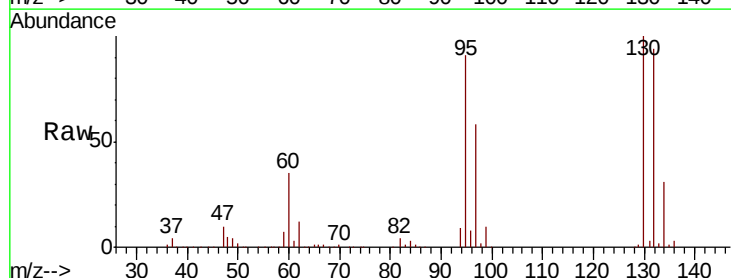
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



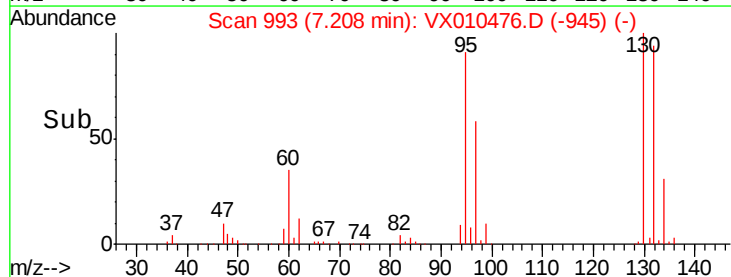
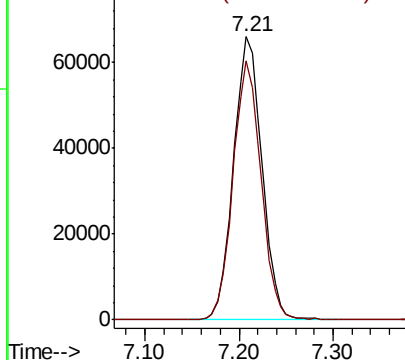
#44

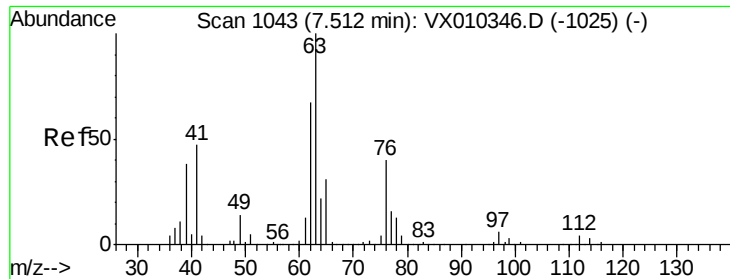
Trichloroethene
 Concen: 48.516 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion	130	Resp	138456
Ion Ratio	Lower	Upper	
130	100		
95	91.4	0.0	180.8



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





#45

1,2-Dichloropropane

Concen: 48.300 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

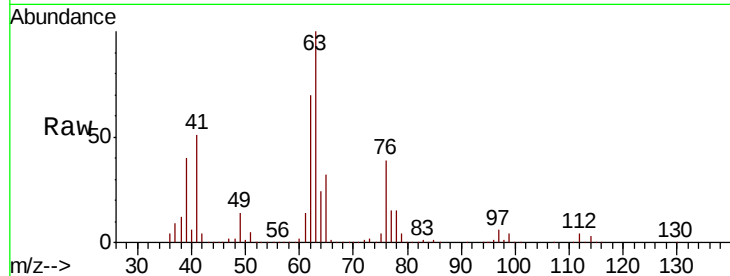
ClientSampleId :

Tot Ion: 63 Resp: 116327

Ion Ratio Lower Upper

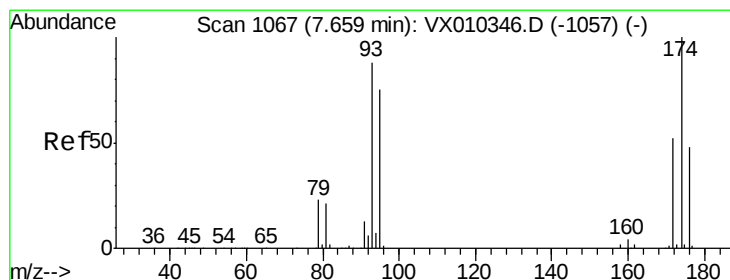
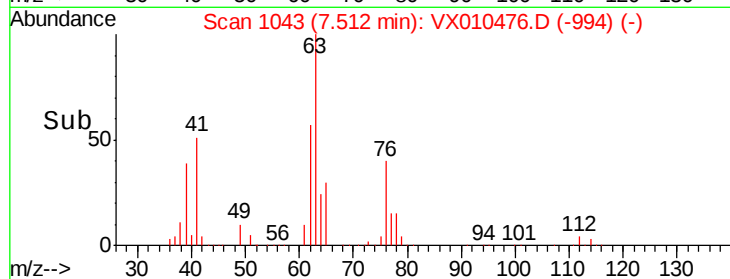
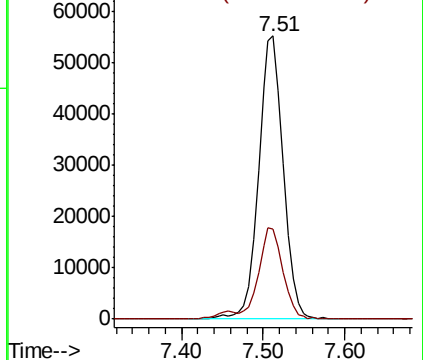
63 100

65 31.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.230 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

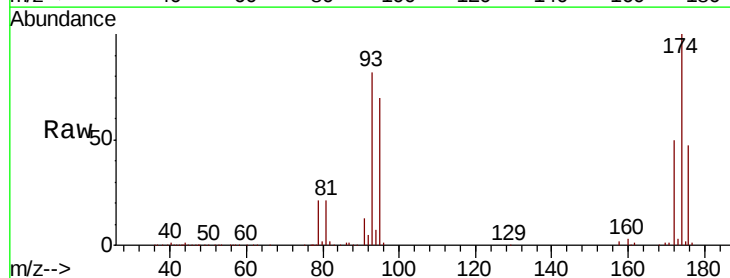
Tgt Ion: 93 Resp: 85069

Ion Ratio Lower Upper

93 100

95 84.0 67.5 101.3

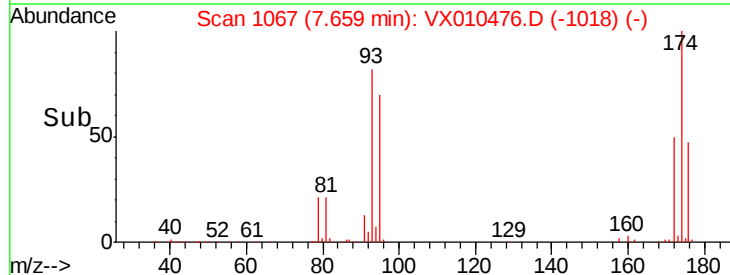
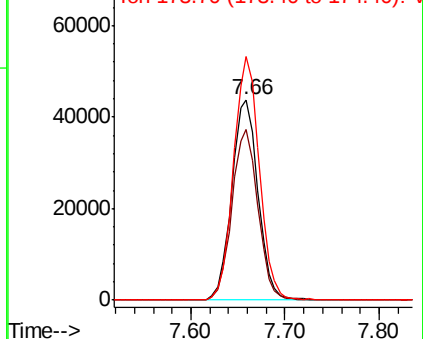
174 119.1 95.8 143.6

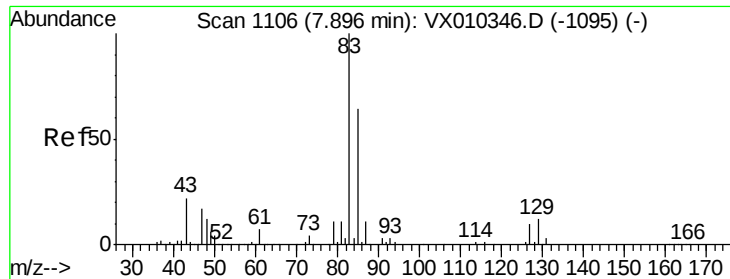


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.058 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

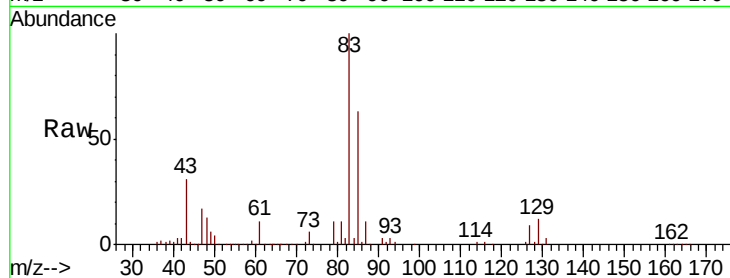
Tot Ion: 83 Resp: 158523

Ion Ratio Lower Upper

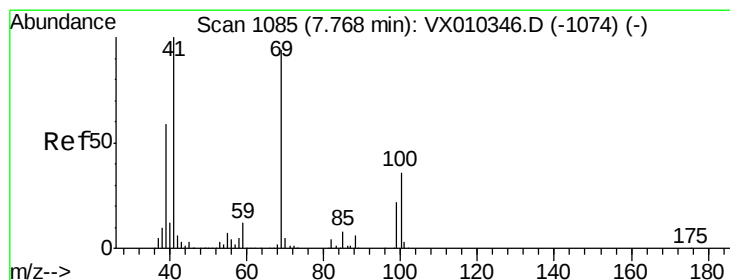
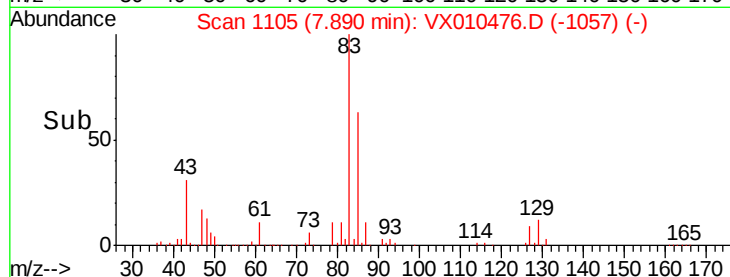
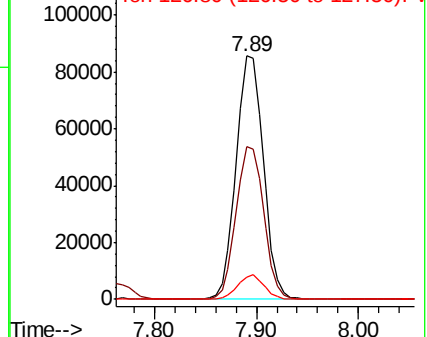
83 100

85 62.9 51.5 77.3

127 9.1 7.8 11.8



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: 49.445 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

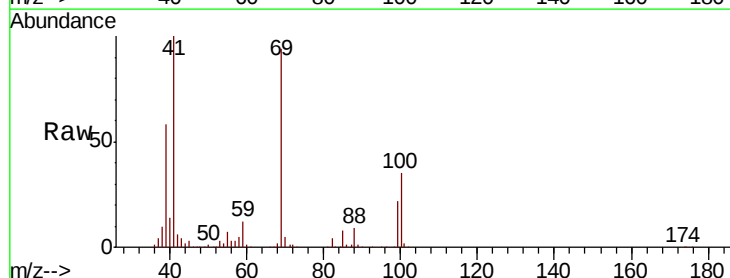
Tgt Ion: 41 Resp: 119753

Ion Ratio Lower Upper

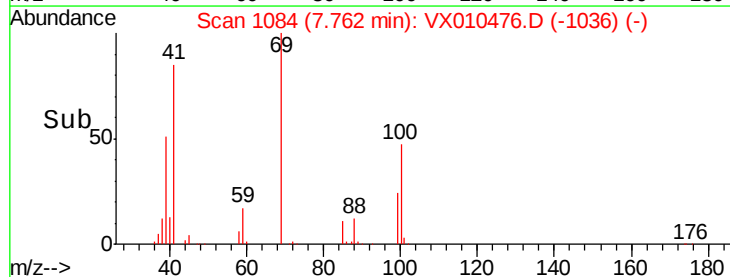
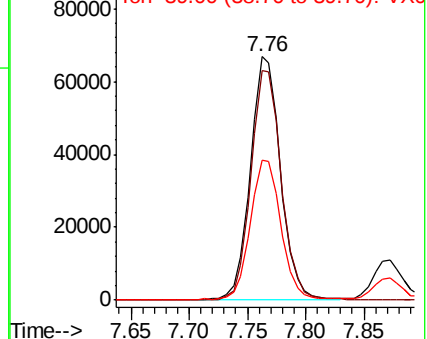
41 100

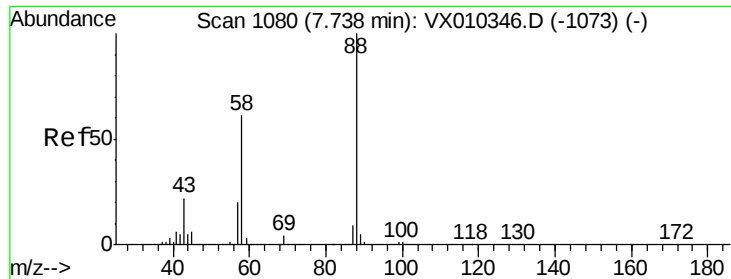
69 95.9 76.1 114.1

39 58.8 47.6 71.4



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

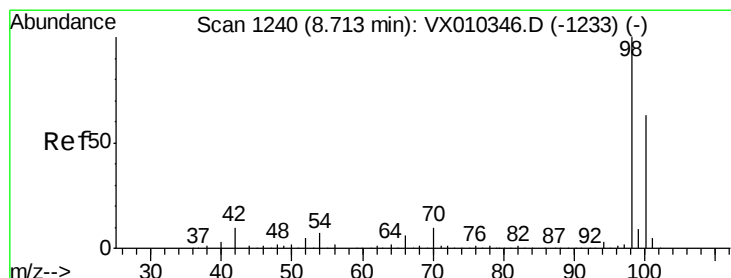
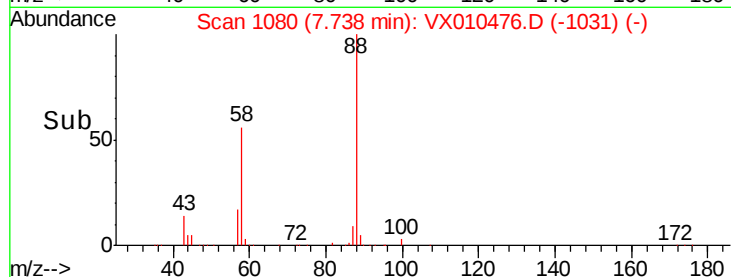
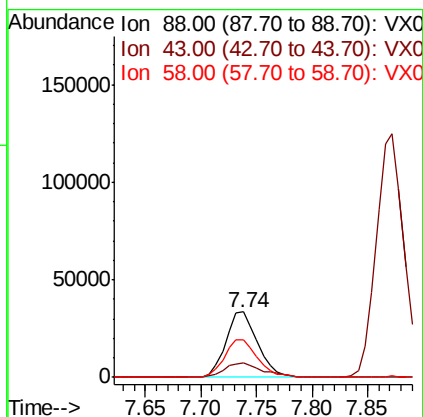
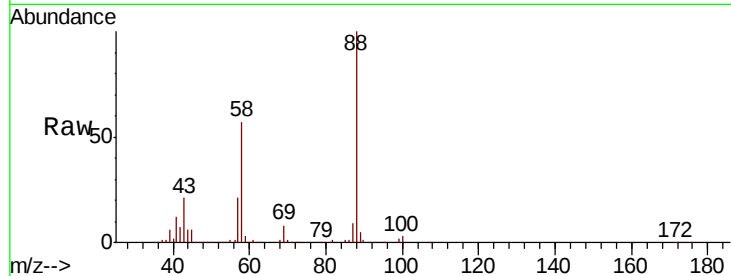




#49
1,4-Dioxane
Concen: 943.871 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

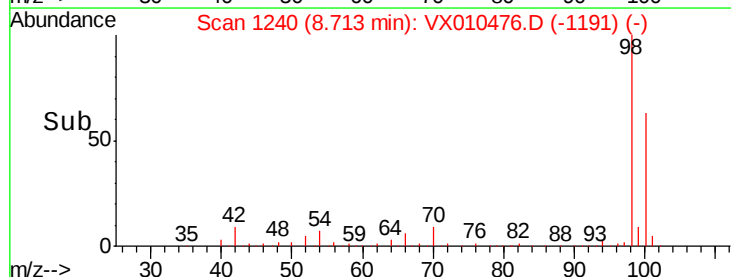
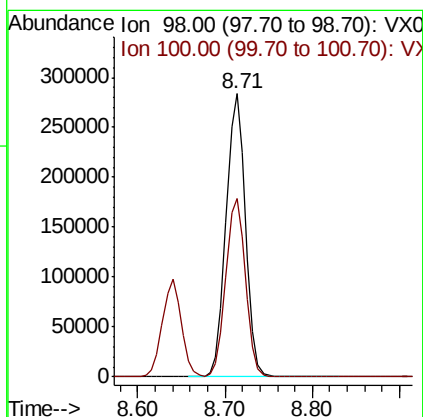
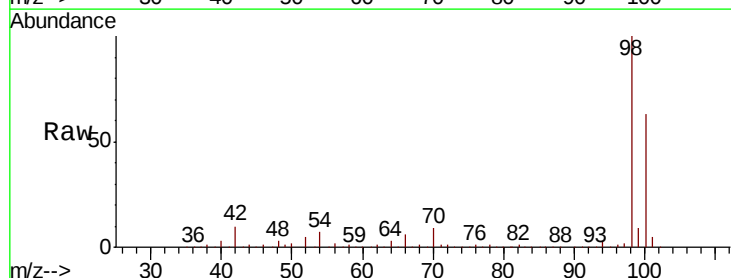
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 65853
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.2
58 60.4 49.5 74.3



#50
Toluene-d8
Concen: 48.219 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 98 Resp: 434810
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

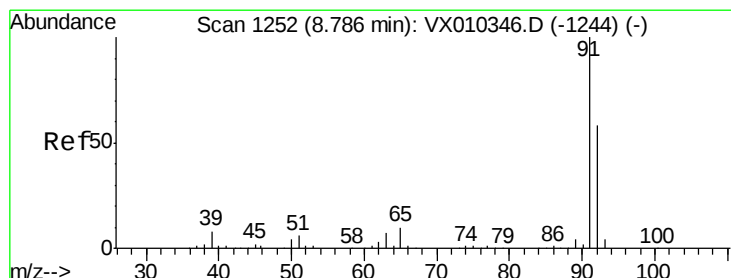
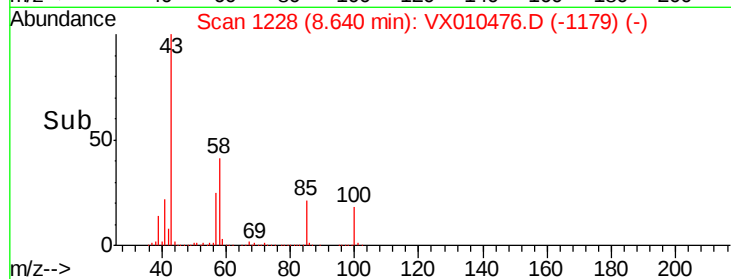
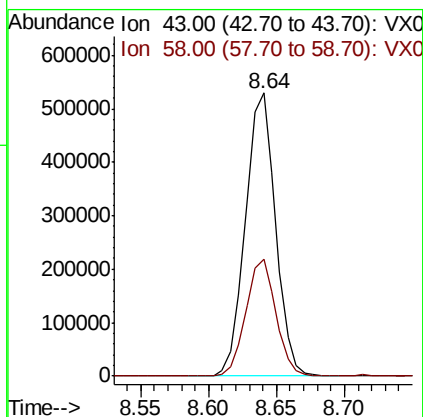
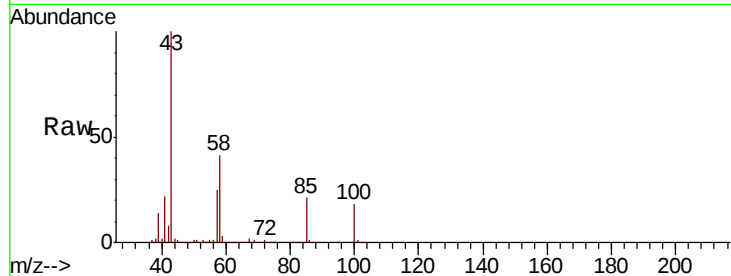




#51
 4-Methyl-2-Pentanone
 Concen: 246.357 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

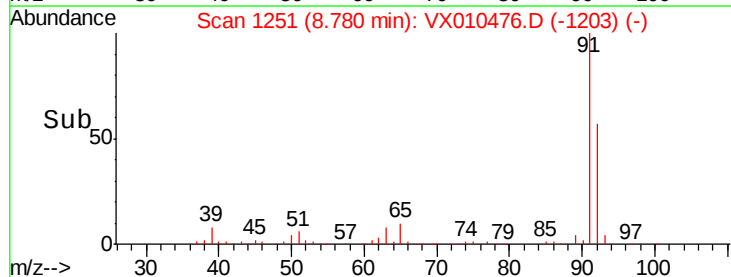
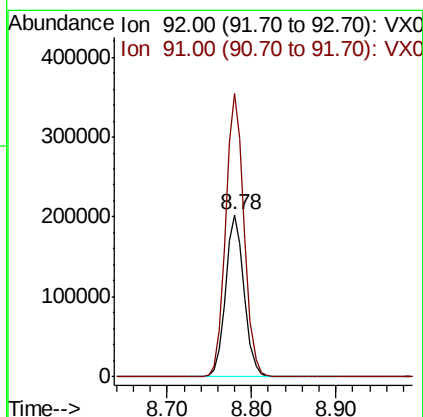
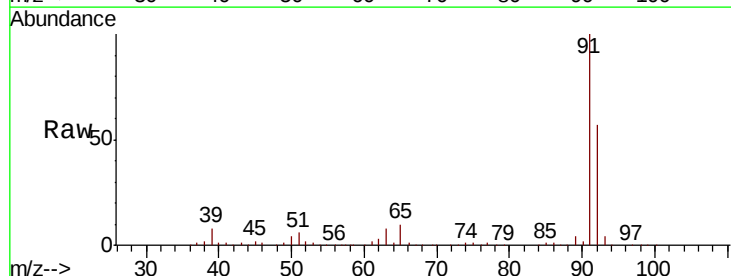
Instrument :
 MSVOA_X
 ClientSampleId :

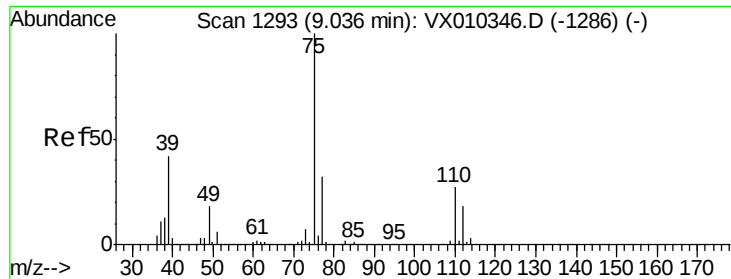
Tot Ion: 43 Resp: 820970
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.5 50.3



#52
 Toluene
 Concen: 48.699 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion: 92 Resp: 305863
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.8 209.6

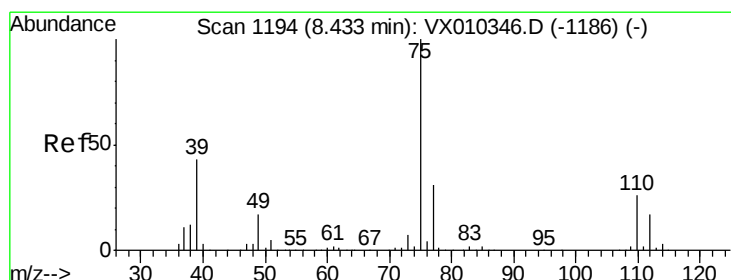
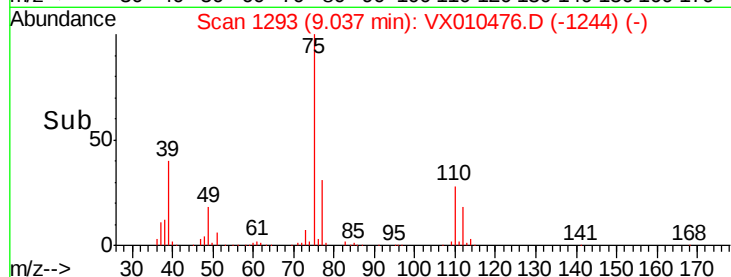
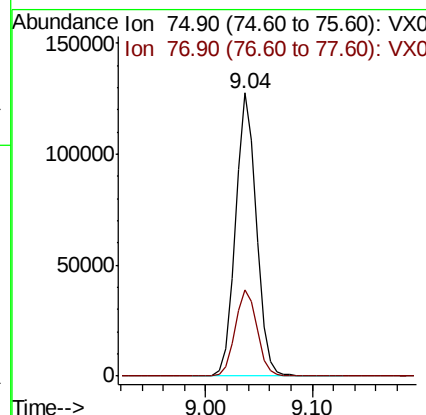
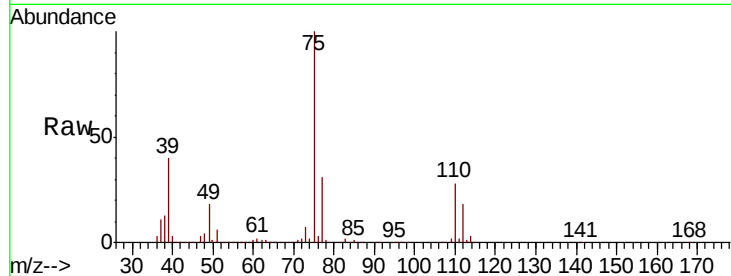




#53
 t-1,3-Dichloropropene
 Concen: 49.563 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

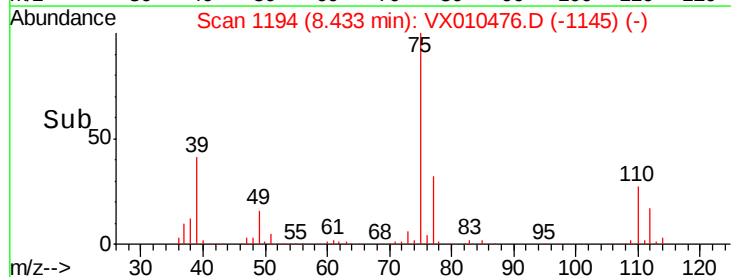
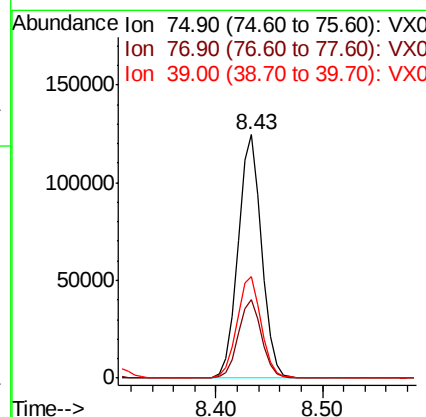
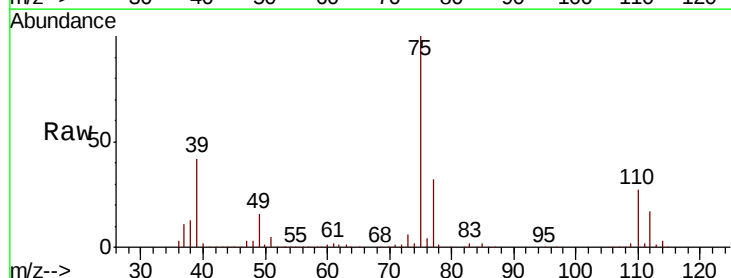
Instrument :
 MSVOA_X
 ClientSampled :

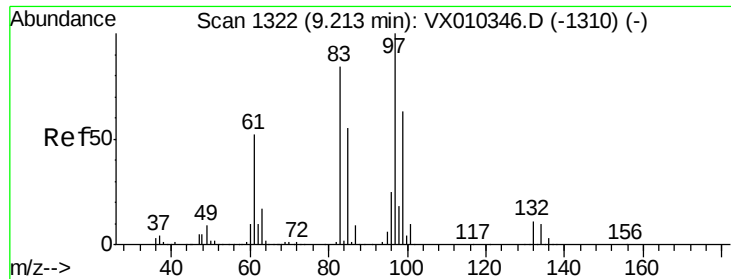
Tot Ion: 75 Resp: 175970
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.034 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion: 75 Resp: 193046
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8
 39 41.4 34.5 51.7

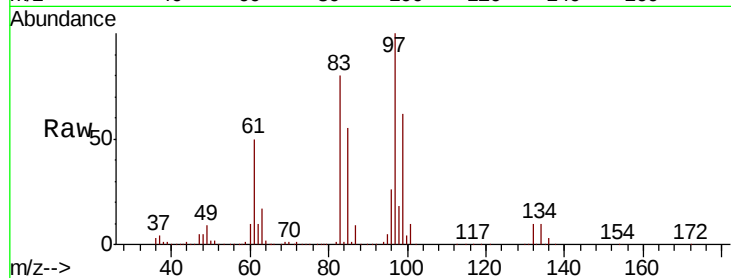




#55
1,1,2-Trichloroethane
Concen: 50.072 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	97	Resp	129702
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.4	101.0
85	54.6	43.8	65.8
99	61.9	50.3	75.5



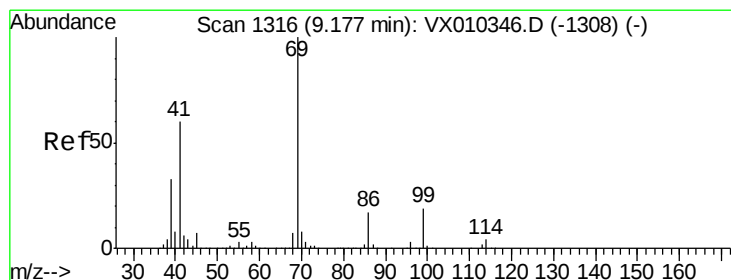
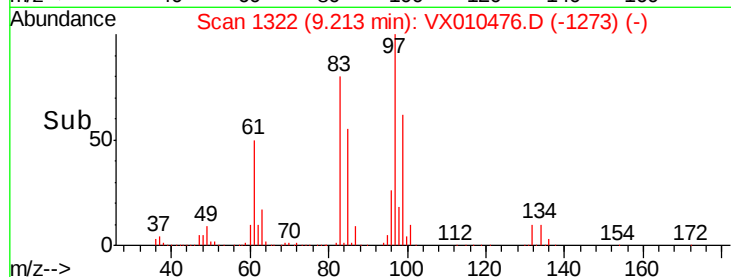
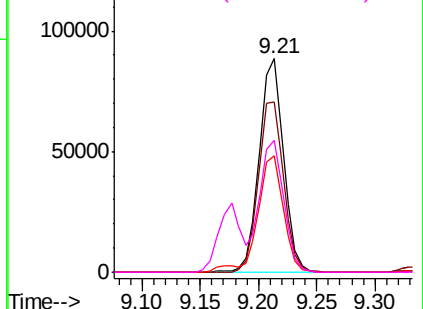
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

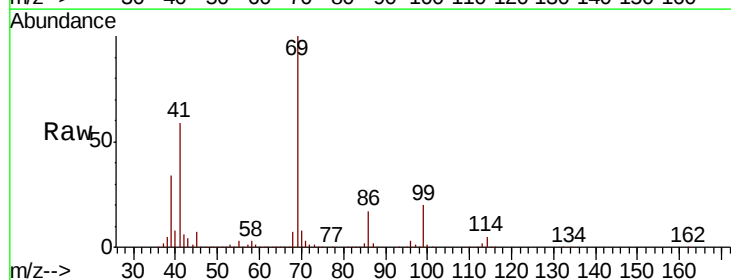
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 49.614 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	69	Resp	194683
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.1	70.7
39	34.5	26.6	40.0

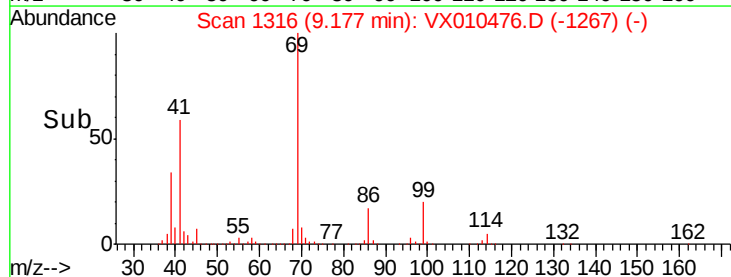
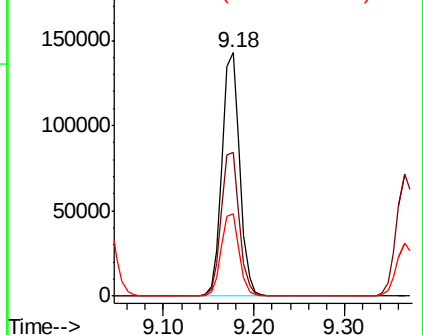


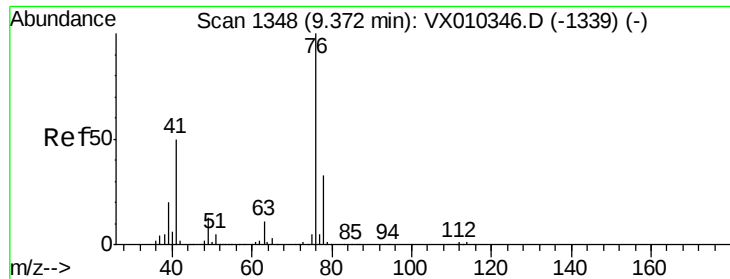
Abundance

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: 49.156 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

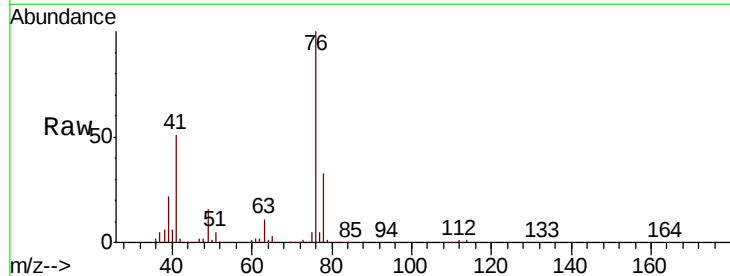
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 197652

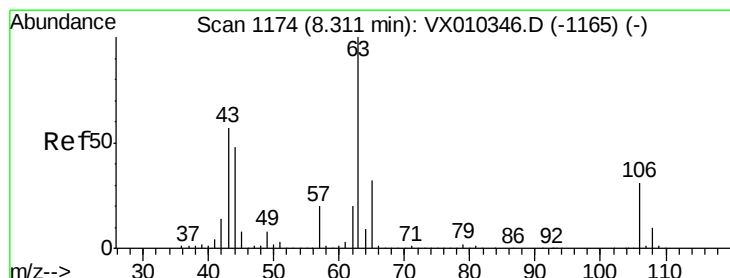
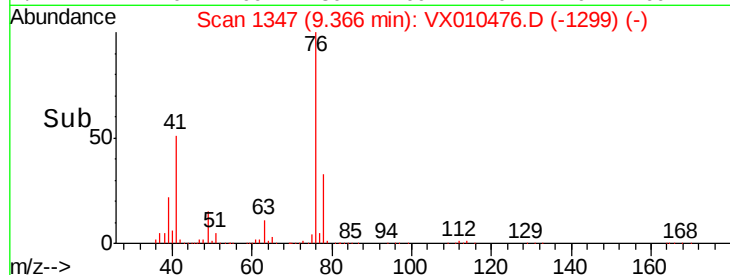
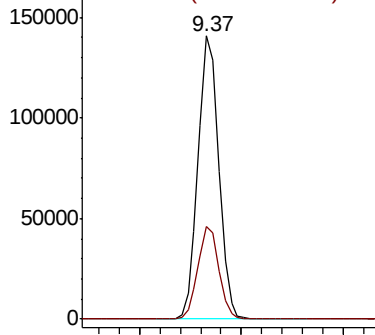
Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 244.409 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010476.D

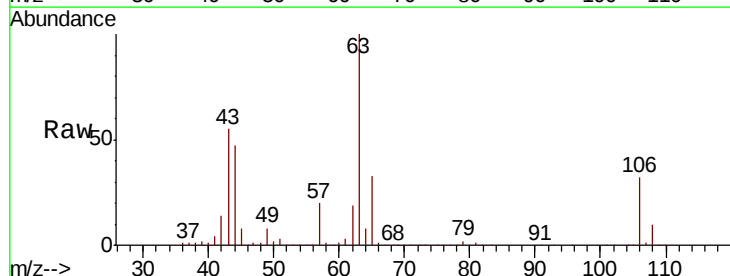
Acq: 27 Jun 2019 09:47

Tgt Ion: 63 Resp: 455477

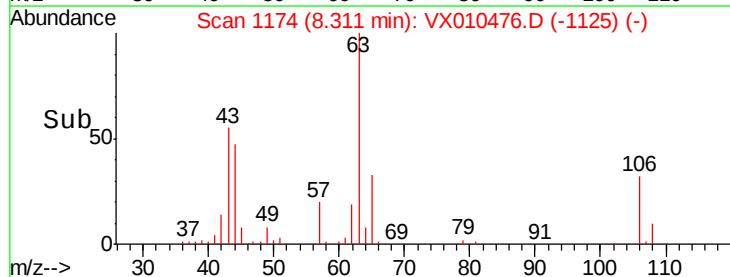
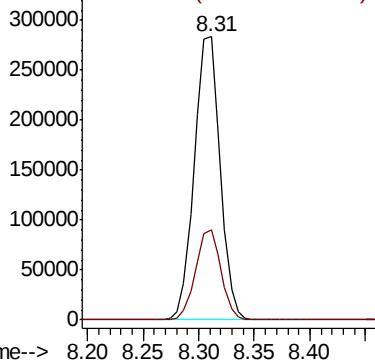
Ion Ratio Lower Upper

63 100

106 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

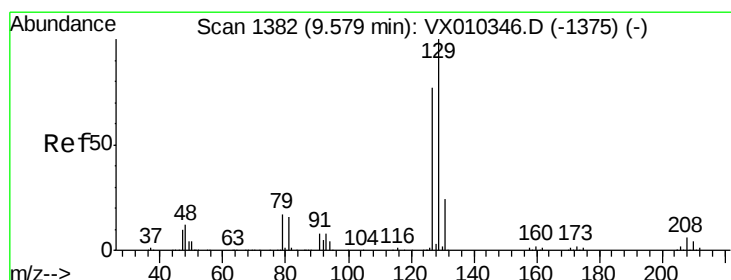
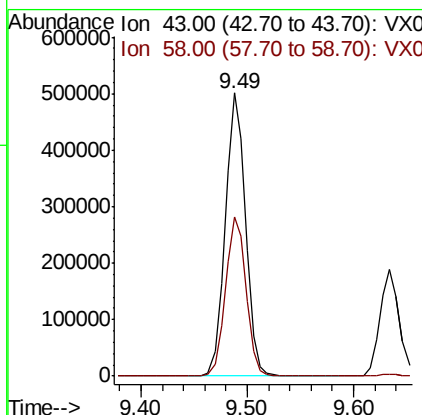
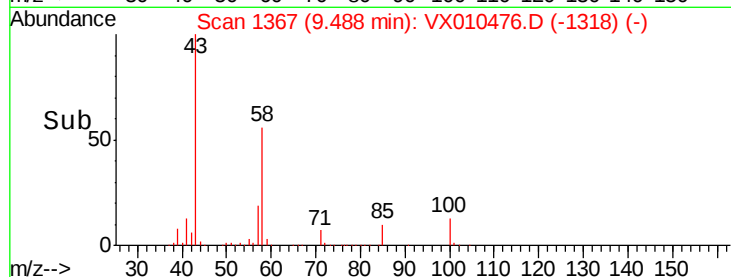
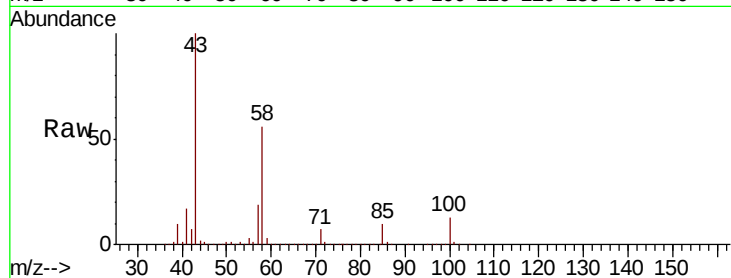




#59
2-Hexanone
Concen: 254.376 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

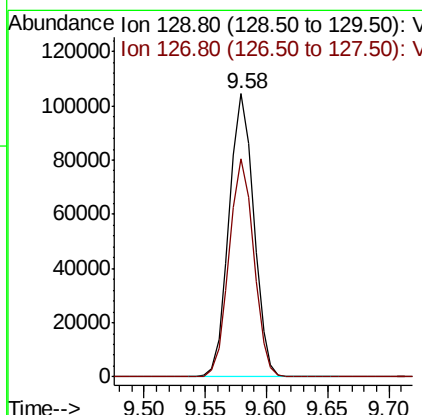
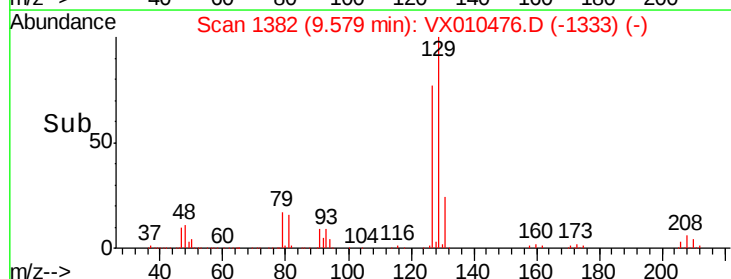
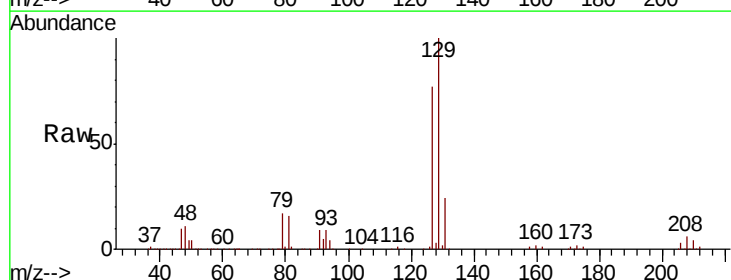
Instrument :
MSVOA_X
ClientSampled :

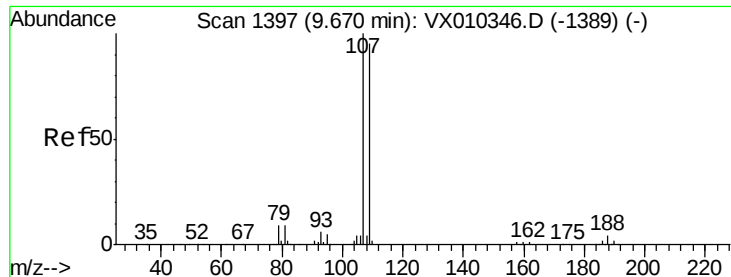
Tot Ion: 43 Resp: 667163
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.1



#60
Dibromochloromethane
Concen: 50.529 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 129 Resp: 146546
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.709 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

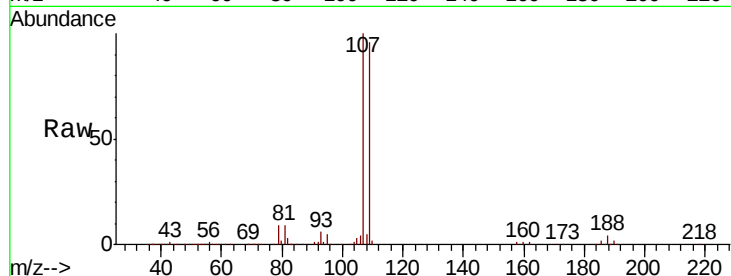
ClientSampleId :

Tot Ion:107 Resp: 138982

Ion Ratio Lower Upper

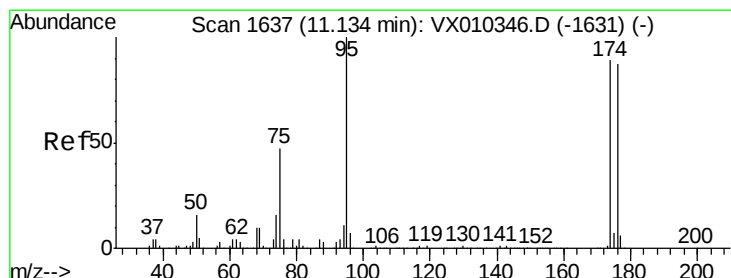
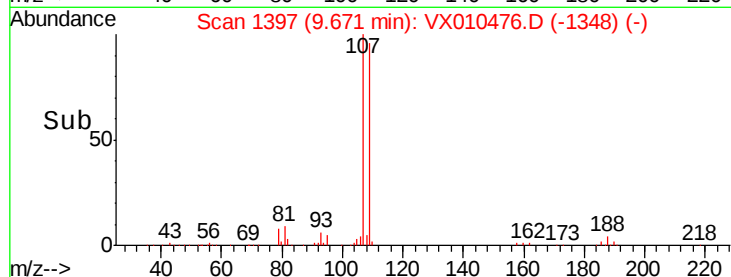
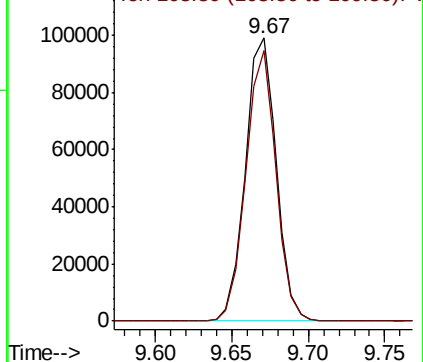
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

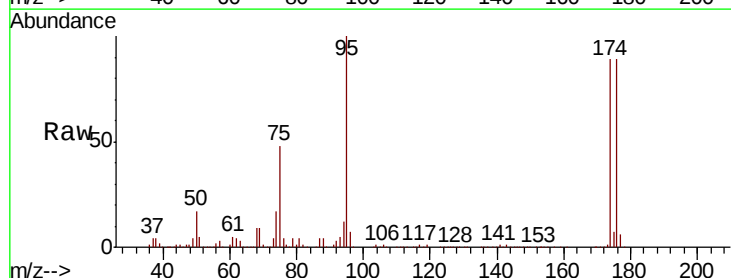
Tgt Ion: 95 Resp: 157924

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

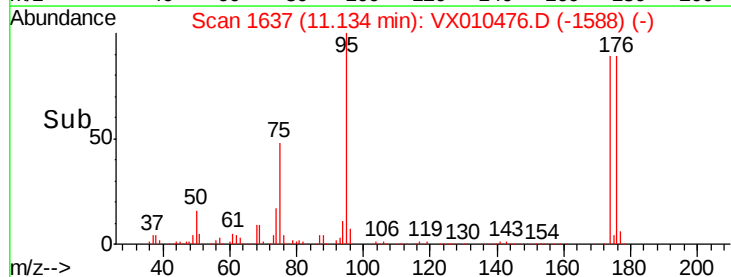
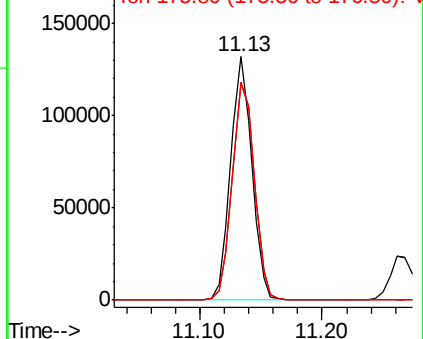
176 92.4 0.0 184.0

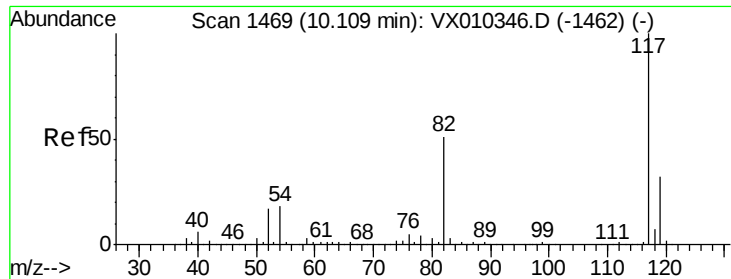


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

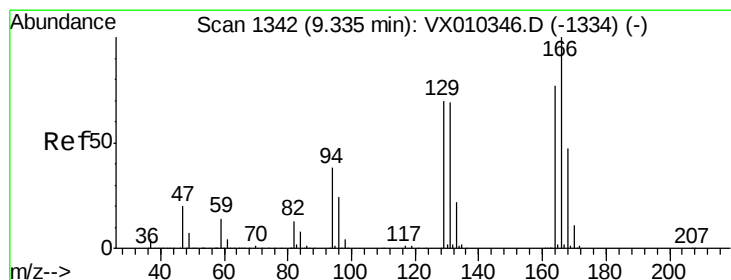
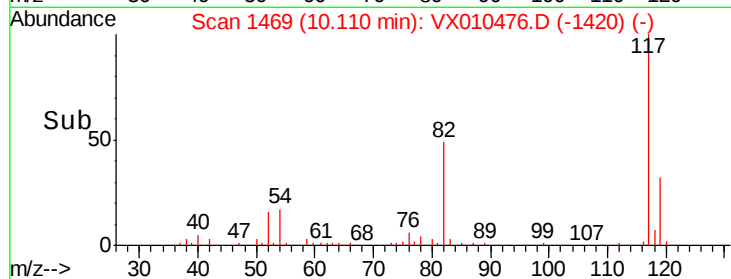
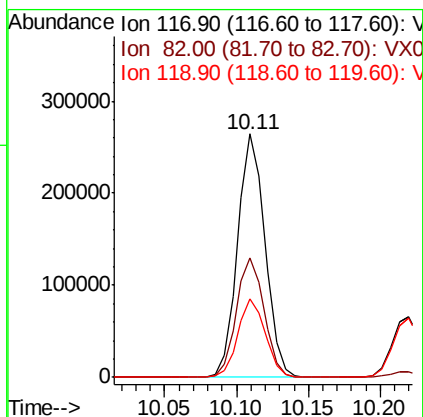
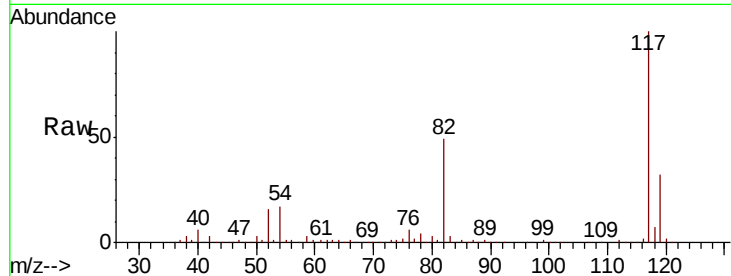




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

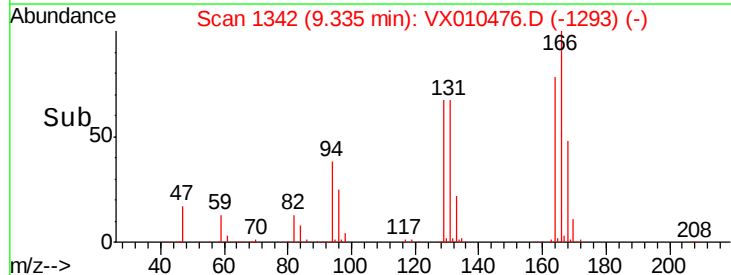
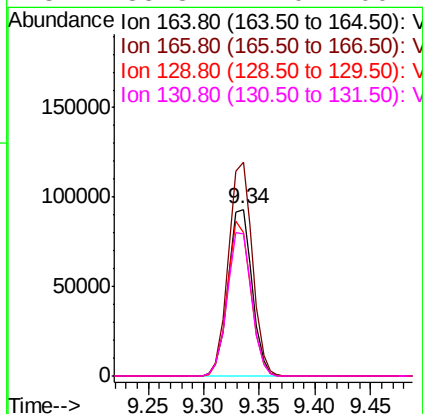
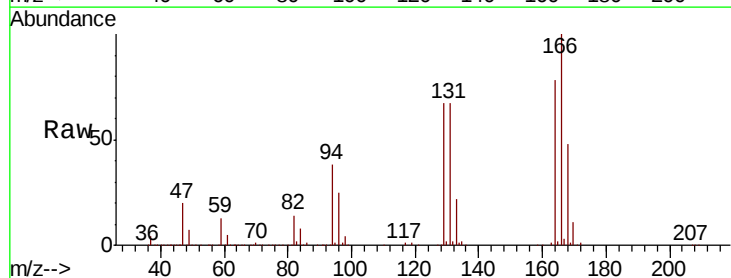
Instrument :
MSVOA_X
ClientSampleId :

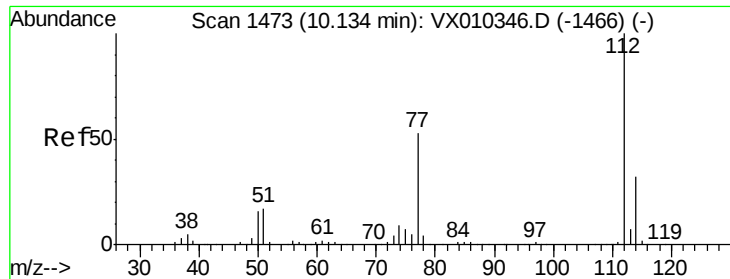
Tot Ion:117 Resp: 351139
Ion Ratio Lower Upper
117 100
82 49.3 41.2 61.8
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 48.986 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion:164 Resp: 139127
Ion Ratio Lower Upper
164 100
166 128.0 103.6 155.4
129 86.3 73.0 109.4
131 85.3 71.0 106.4

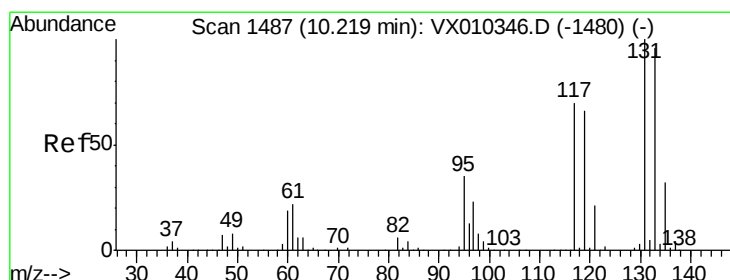
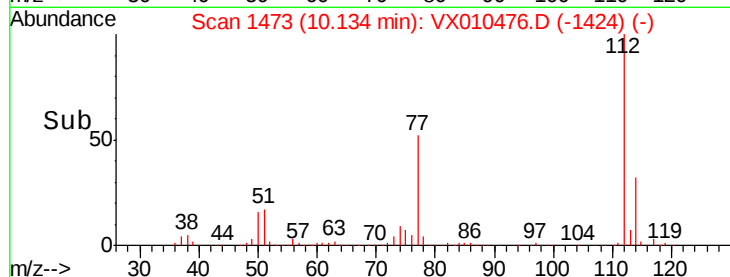
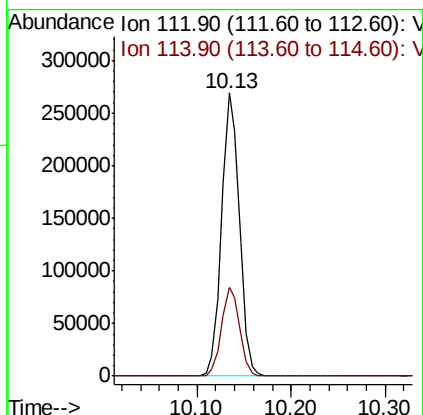
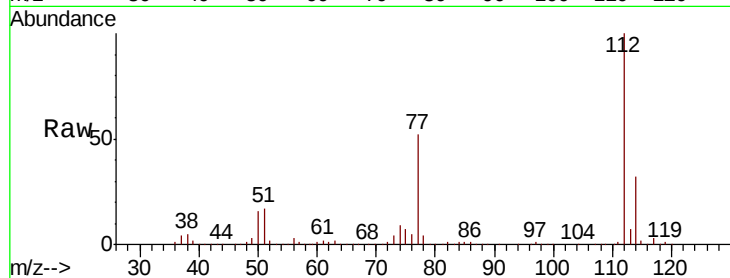




#65
Chlorobenzene
Concen: 49.627 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

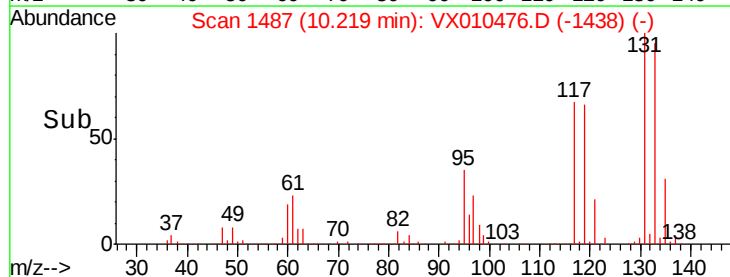
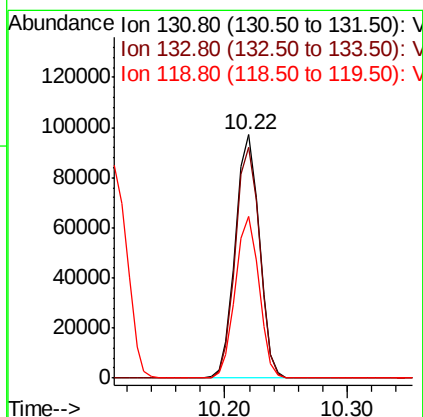
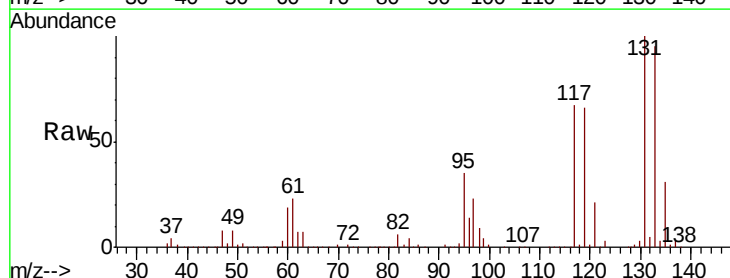
Instrument :
MSVOA_X
ClientSampled :

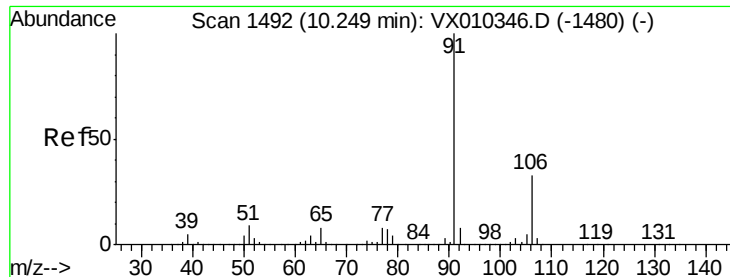
Tot Ion:112 Resp: 353784
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.904 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion:131 Resp: 132181
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 65.8 32.6 97.7

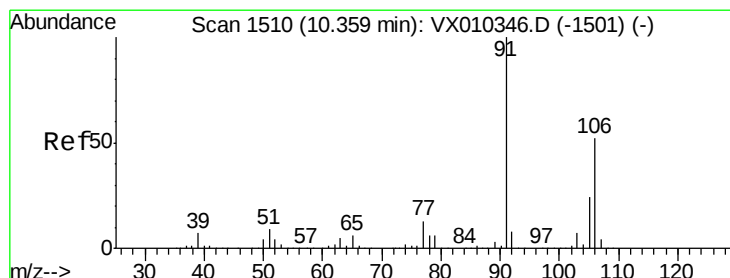
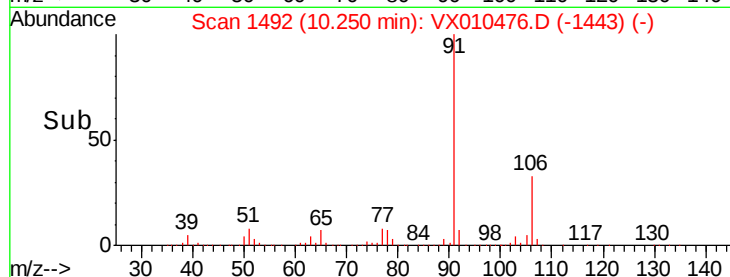
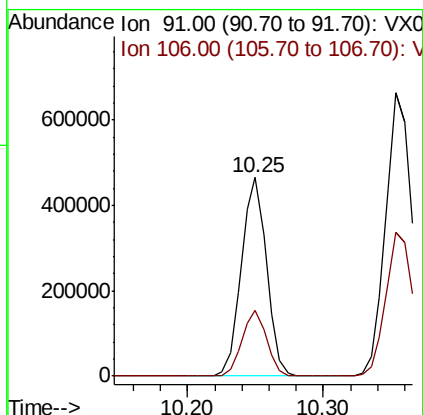
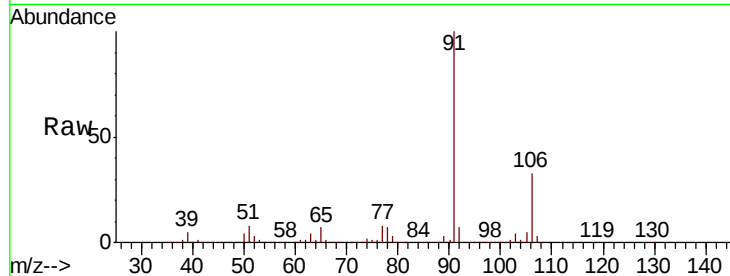




#67
Ethyl Benzene
Concen: 49.923 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

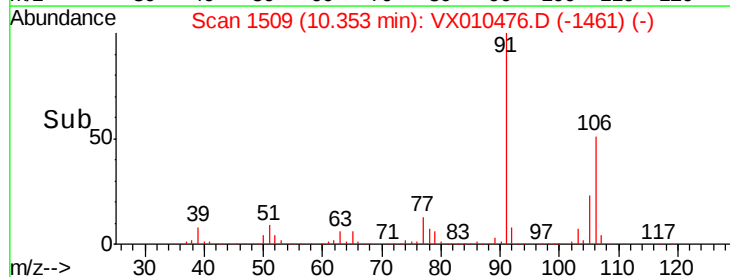
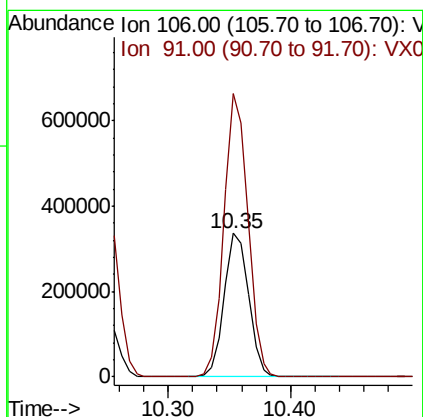
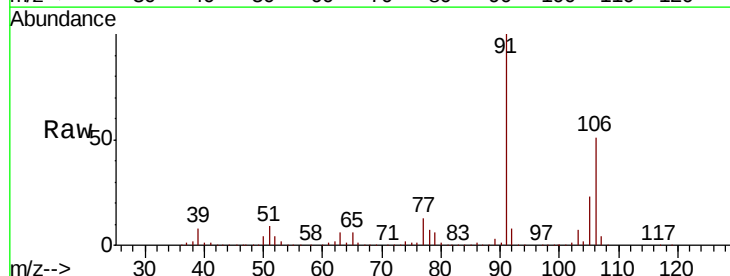
Instrument :
MSVOA_X
ClientSampleId :

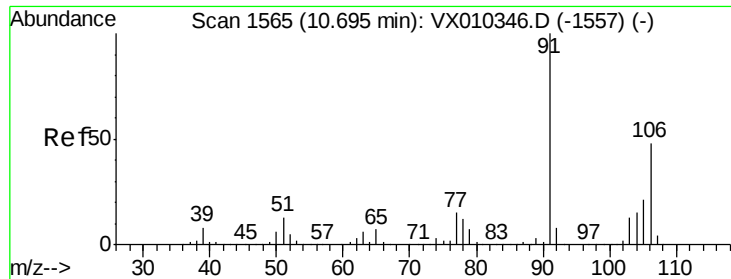
Tot Ion: 91 Resp: 600825
Ion Ratio Lower Upper
91 100
106 33.4 26.2 39.2



#68
m/p-Xylenes
Concen: 99.664 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 106 Resp: 464760
Ion Ratio Lower Upper
106 100
91 193.8 155.3 232.9

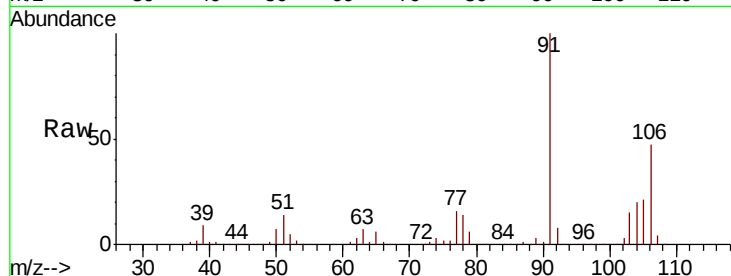




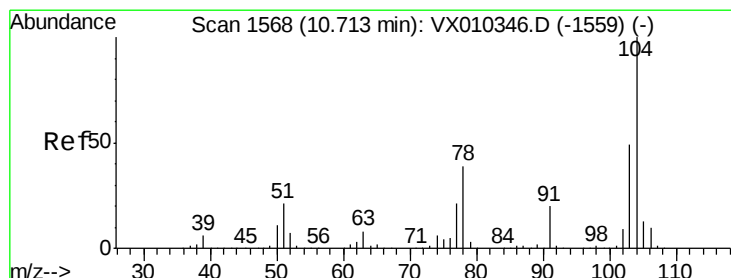
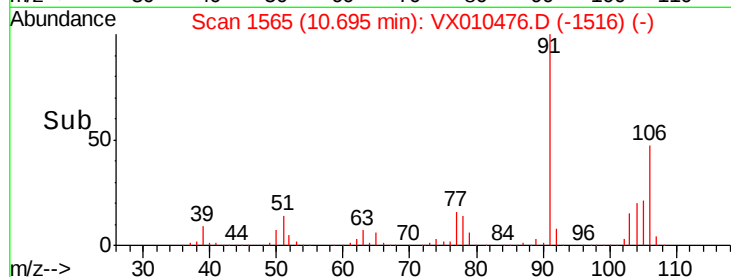
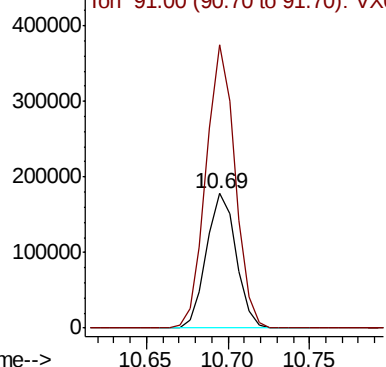
#69
o-Xylene
Concen: 49.474 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 226881
Ion Ratio Lower Upper
106 100
91 205.1 102.7 308.1

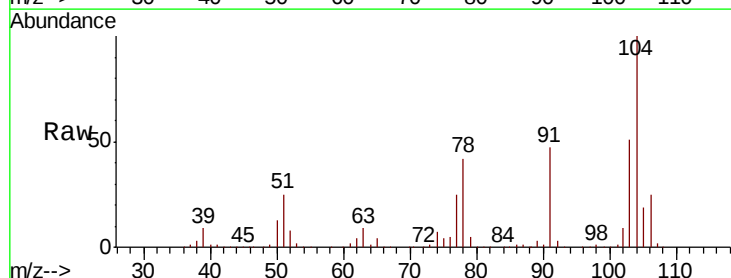


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

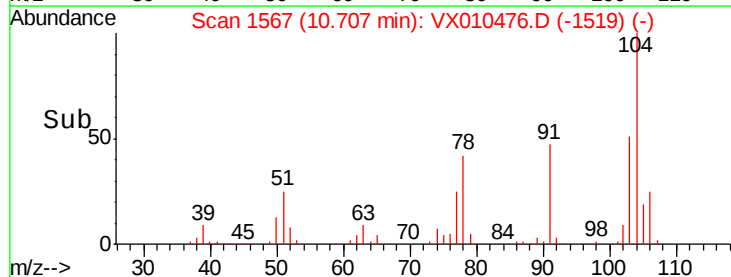
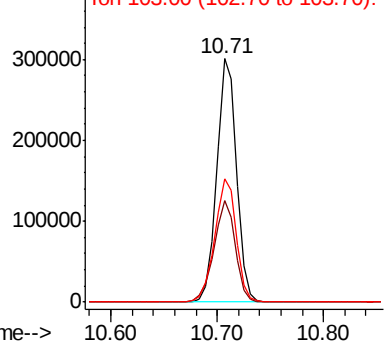


#70
Styrene
Concen: 50.980 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion:104 Resp: 392068
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.2
103 55.2 44.2 66.4



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





#71

Bromoform

Concen: 51.001 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

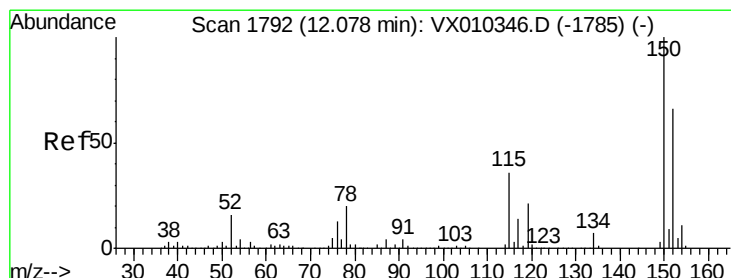
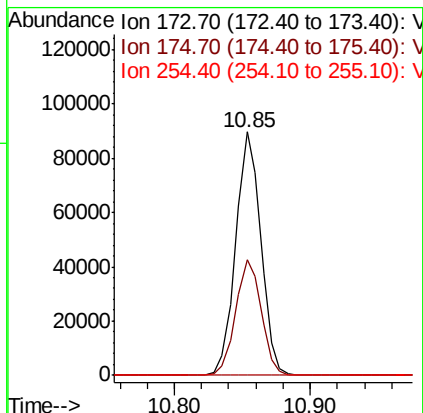
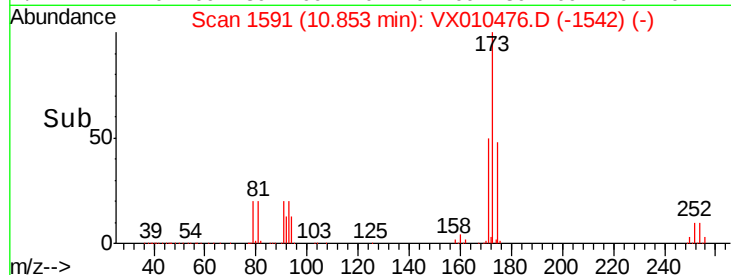
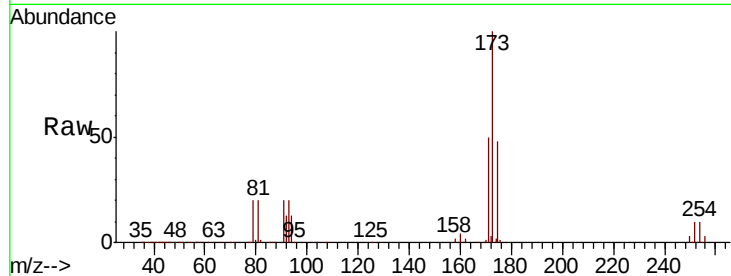
Tot Ion:173 Resp: 115166

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

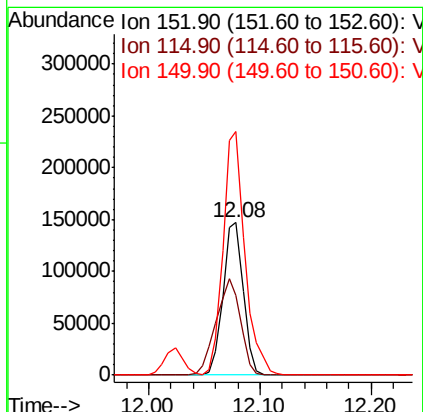
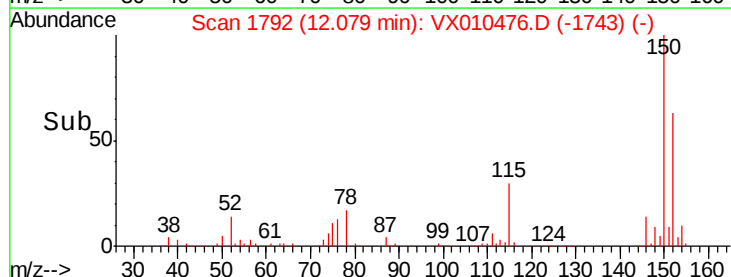
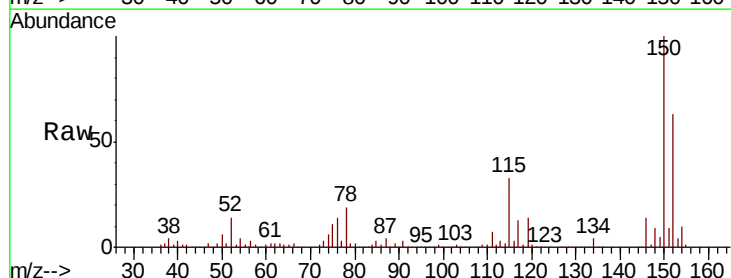
Tgt Ion:152 Resp: 184459

Ion Ratio Lower Upper

152 100

115 76.5 38.6 115.7

150 172.5 0.0 347.4





#73

Isopropylbenzene

Concen: 48.887 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

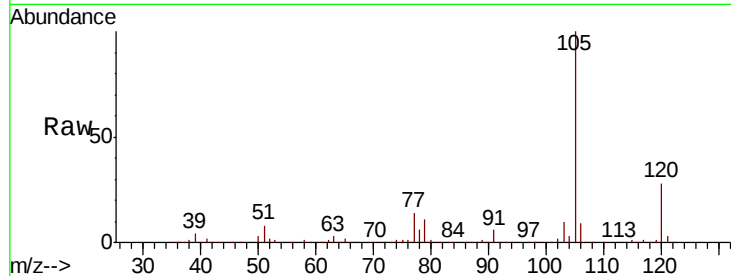
ClientSampleId :

Tot Ion:105 Resp: 611287

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

300000

200000

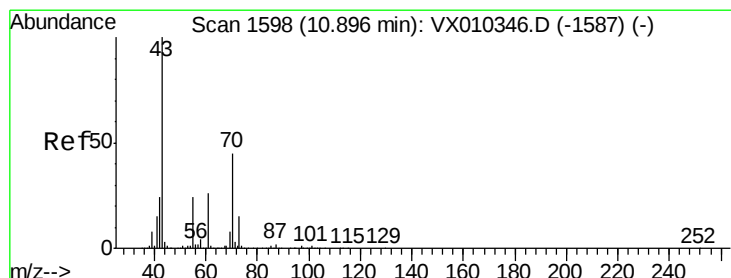
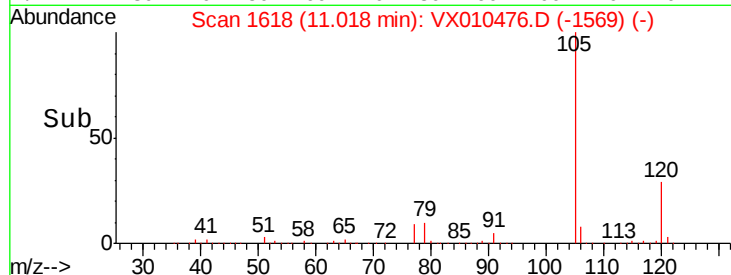
100000

0

Time-->

11.00

11.10



#74

N-ethyl acetate

Concen: 48.546 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion: 43 Resp: 229408

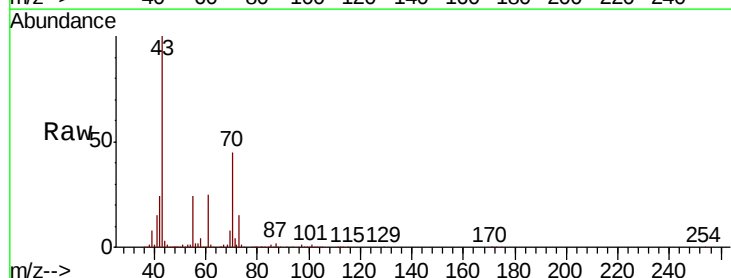
Ion Ratio Lower Upper

43 100

70 46.0 36.6 54.8

55 24.3 18.7 28.1

61 25.7 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

100000

50000

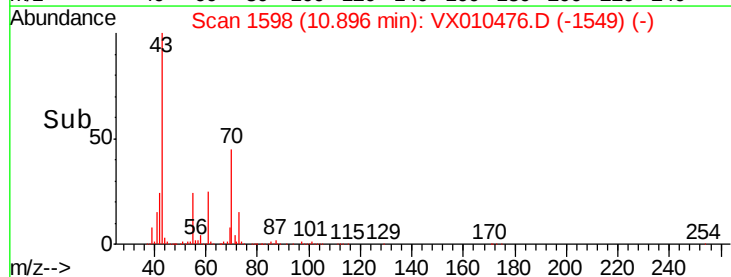
0

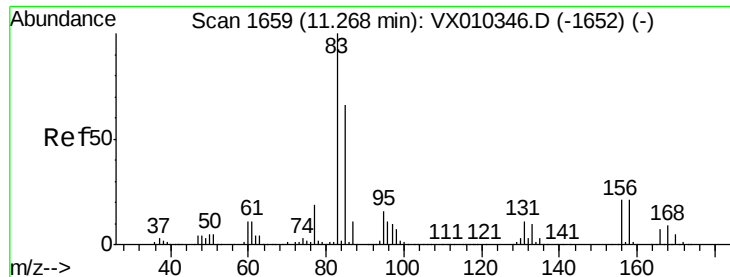
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.894 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

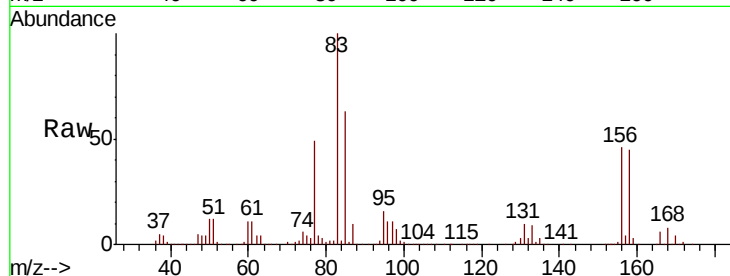
Tot Ion: 83 Resp: 194187

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

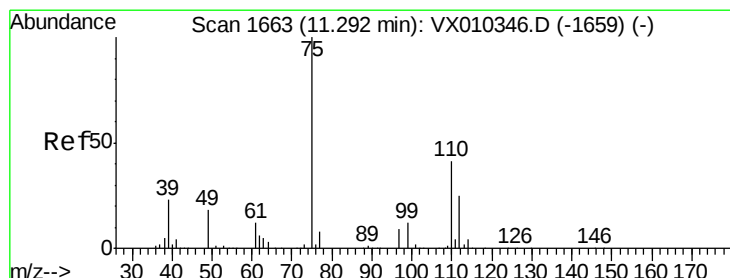
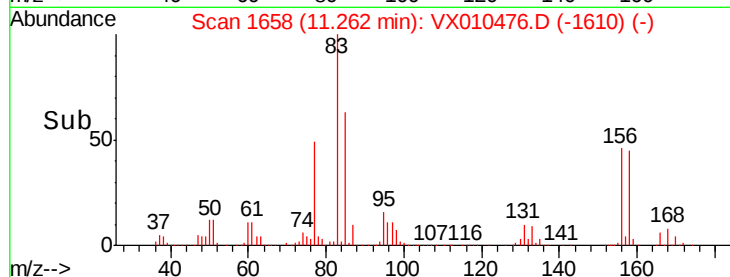
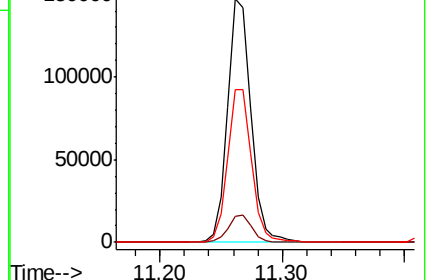
85 64.6 32.3 96.8



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: 65.354 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010476.D

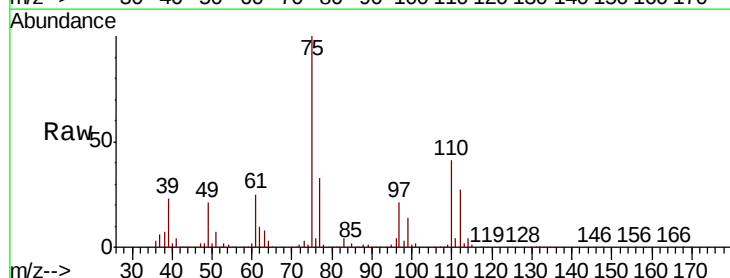
Acq: 27 Jun 2019 09:47

Tgt Ion: 75 Resp: 219677

Ion Ratio Lower Upper

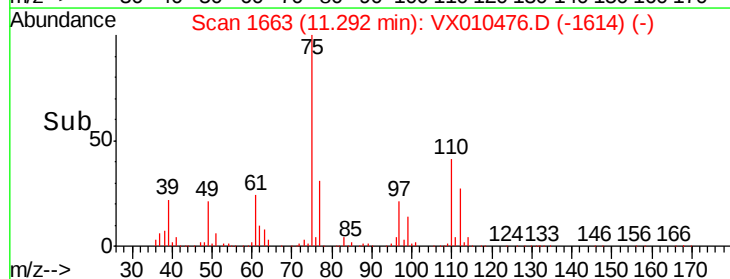
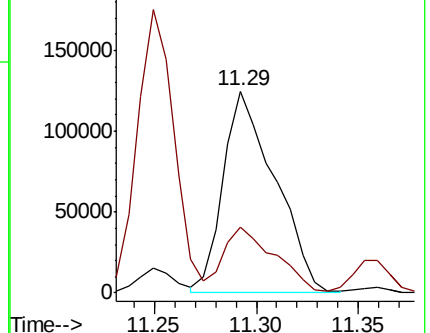
75 100

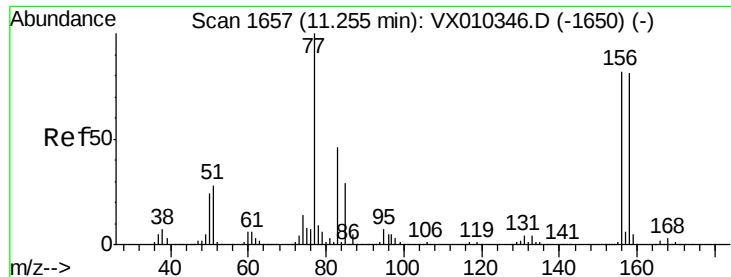
77 32.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.889 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

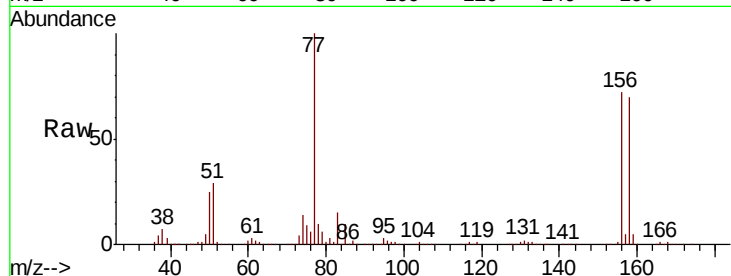
Tot Ion:156 Resp: 167203

Ion Ratio Lower Upper

156 100

77 131.8 66.3 198.7

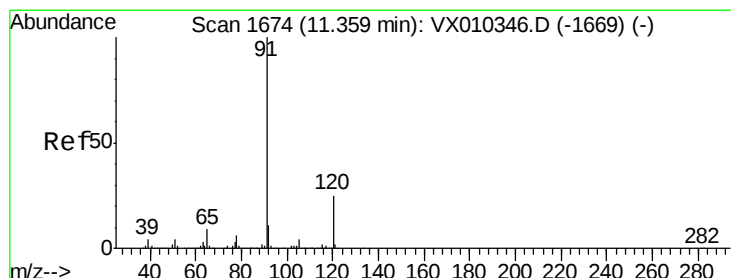
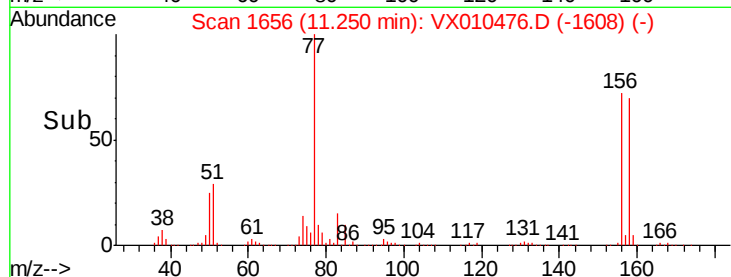
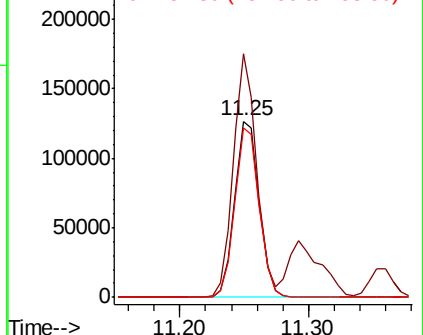
158 96.5 48.9 146.7



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: 50.299 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010476.D

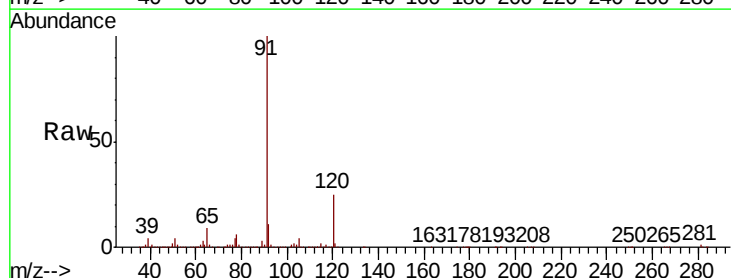
Acq: 27 Jun 2019 09:47

Tgt Ion: 91 Resp: 691235

Ion Ratio Lower Upper

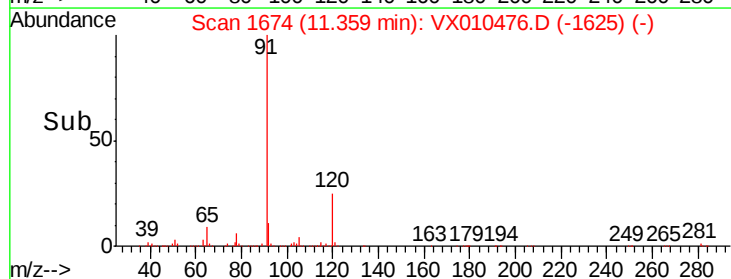
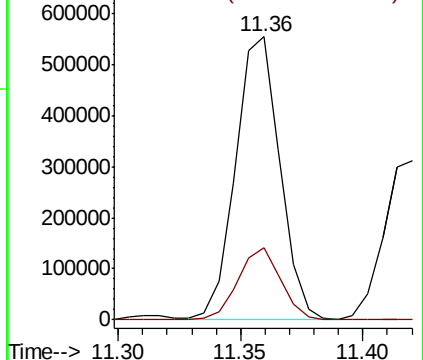
91 100

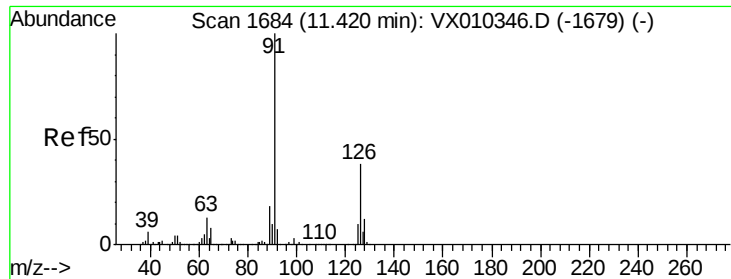
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.003 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

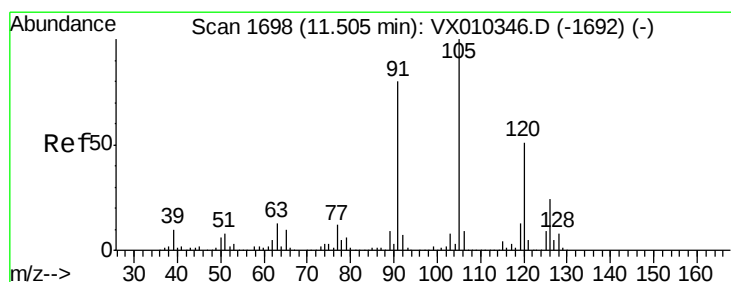
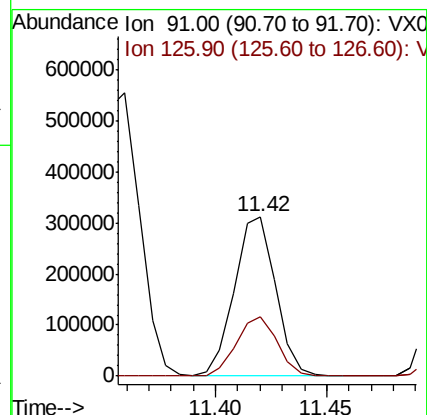
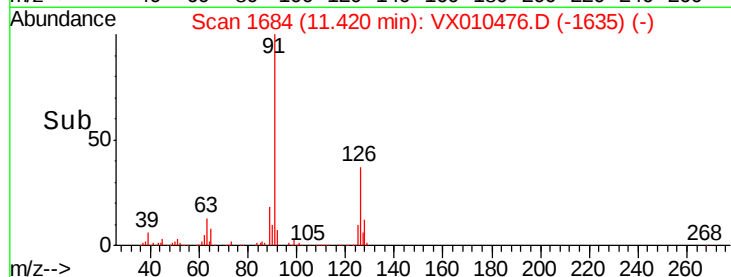
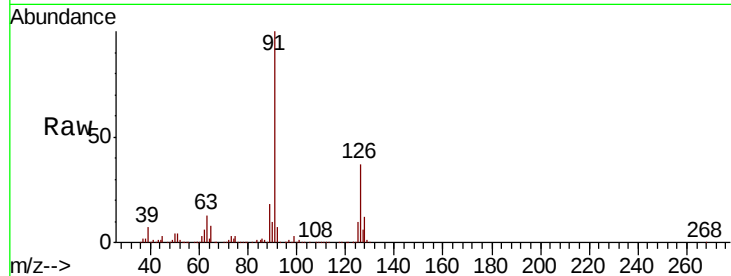
ClientSampleId :

Tot Ion: 91 Resp: 401007

Ion Ratio Lower Upper

91 100

126 37.1 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 49.863 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010476.D

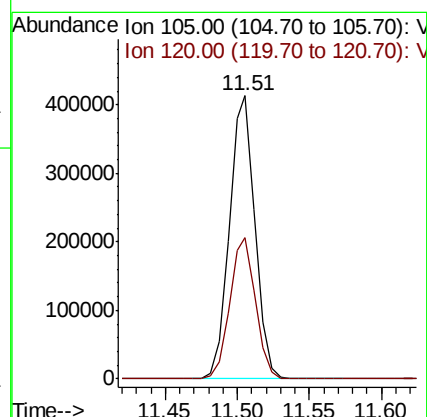
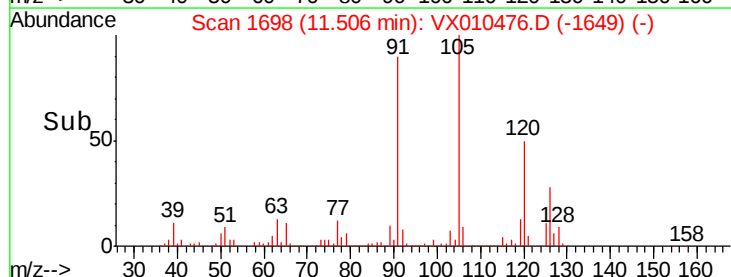
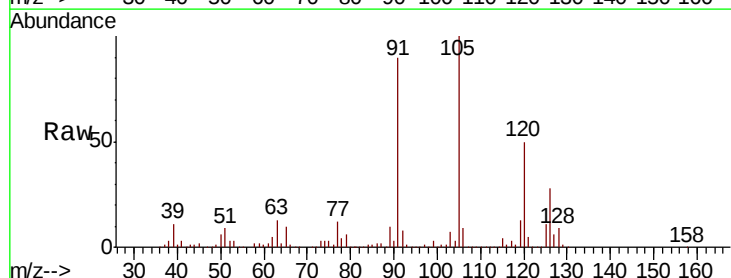
Acq: 27 Jun 2019 09:47

Tgt Ion:105 Resp: 513991

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.337 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

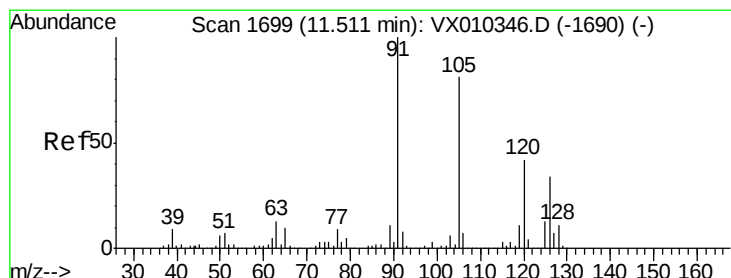
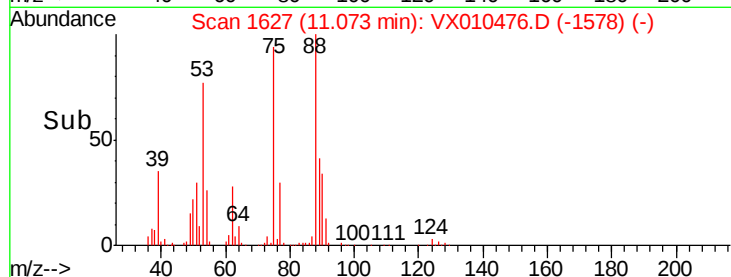
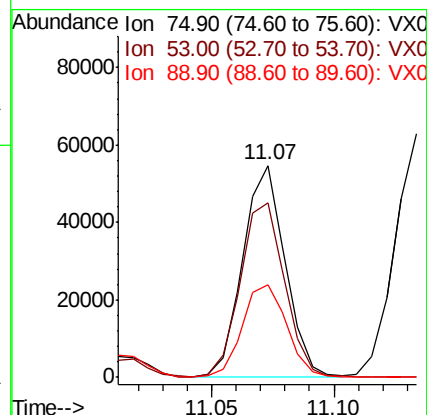
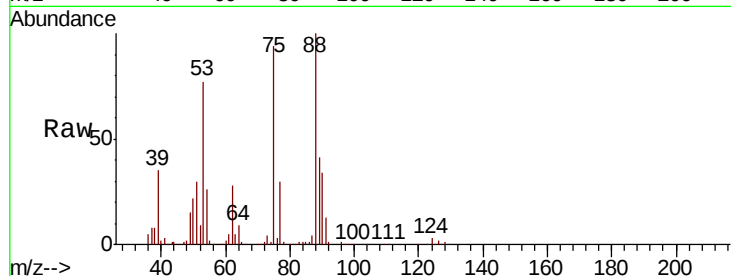
Tot Ion: 75 Resp: 65323

Ion Ratio Lower Upper

75 100

53 86.6 66.1 99.1

89 46.6 37.8 56.6



#82

4-Chlorotoluene

Concen: 49.641 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010476.D

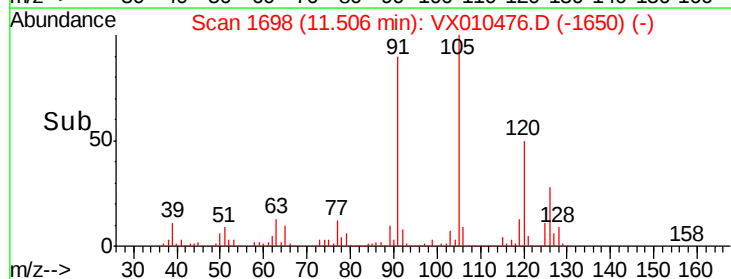
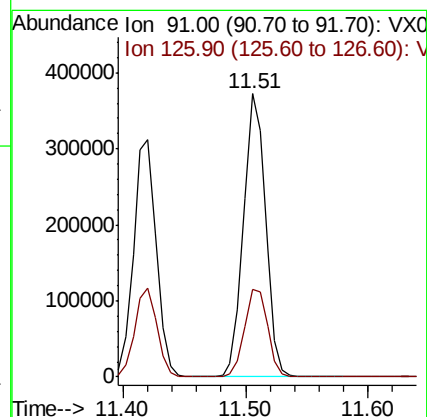
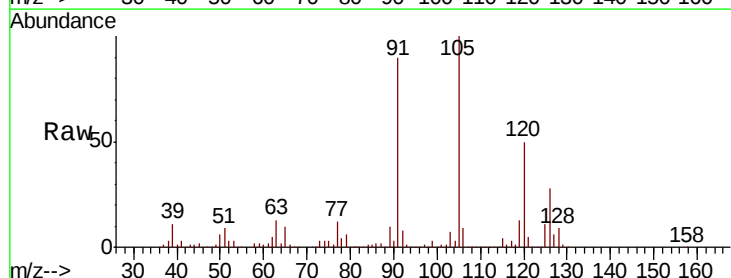
Acq: 27 Jun 2019 09:47

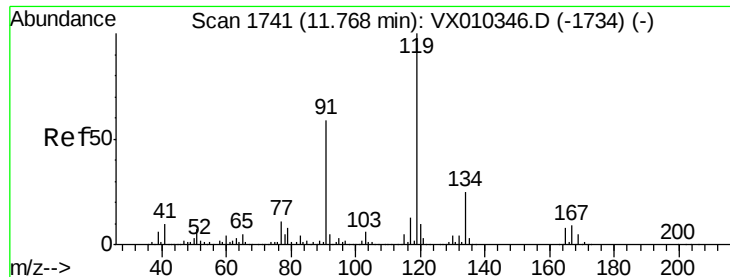
Tgt Ion: 91 Resp: 462241

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6

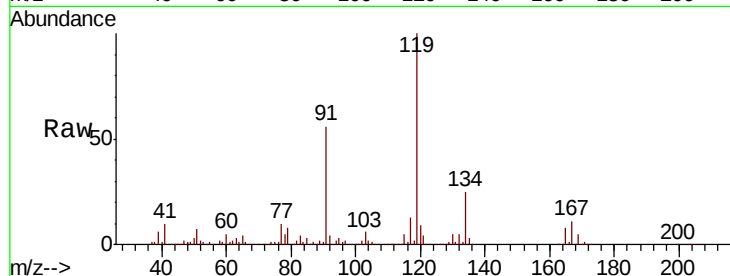




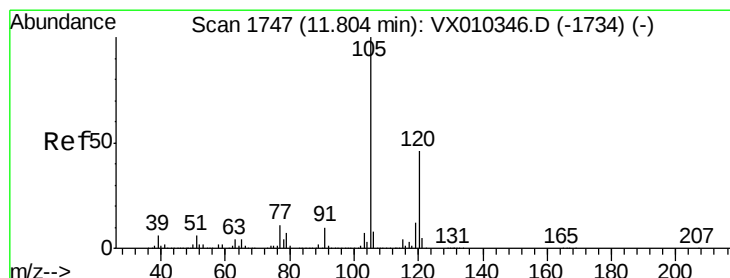
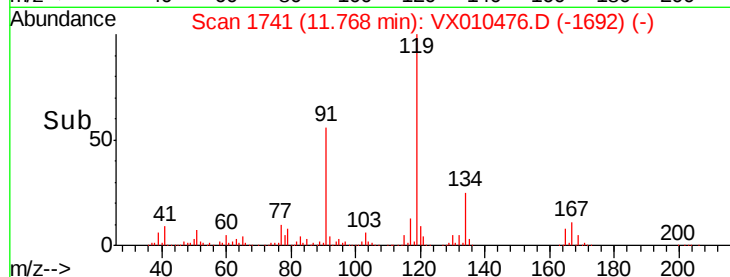
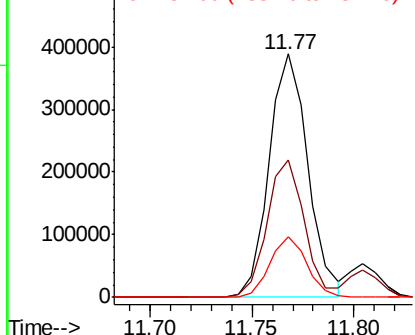
#83
tert-Butylbenzene
Concen: 49.865 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 515911
Ion Ratio Lower Upper
119 100
91 54.5 27.6 82.7
134 23.5 11.8 35.4

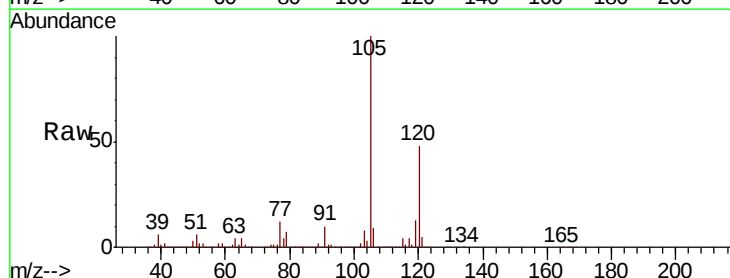


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

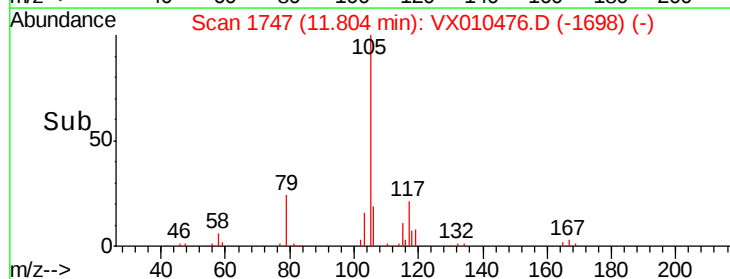
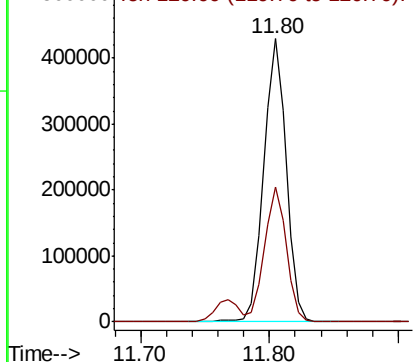


#84
1,2,4-Trimethylbenzene
Concen: 49.958 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion:105 Resp: 517384
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

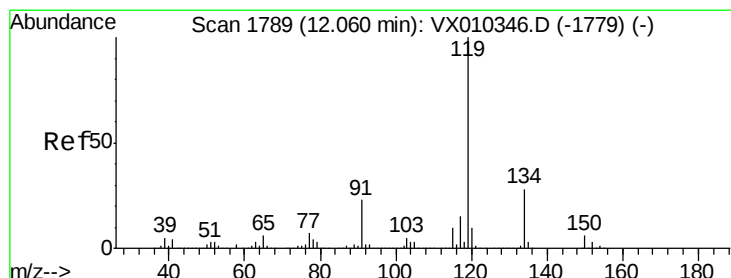
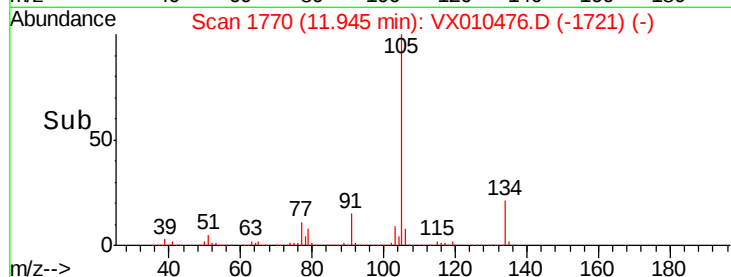
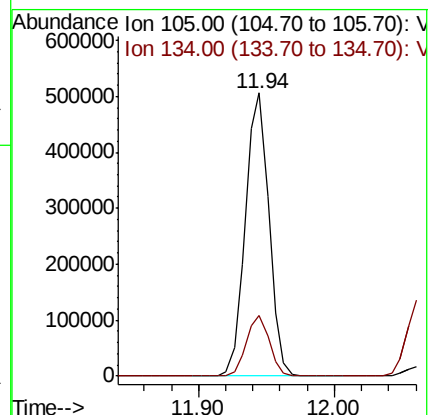
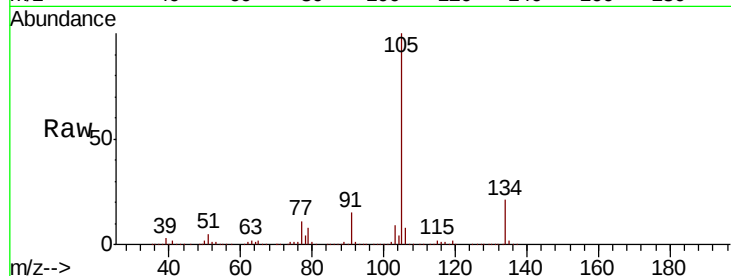
ClientSampled :

Tot Ion:105 Resp: 610905

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 50.034 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

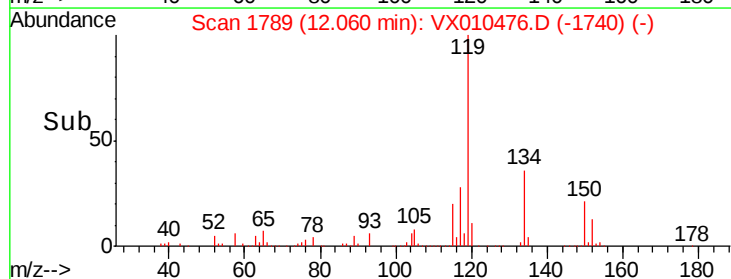
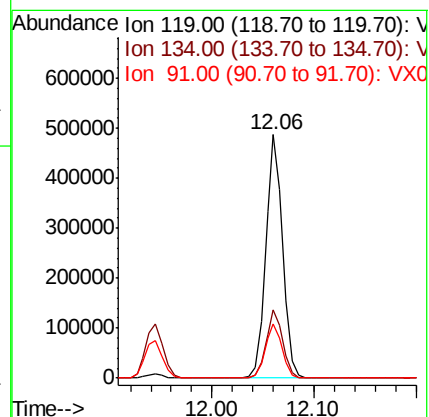
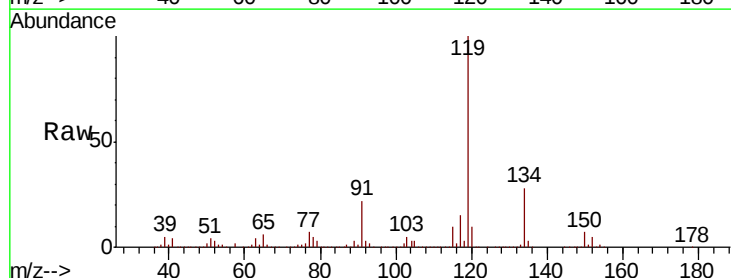
Tgt Ion:119 Resp: 562193

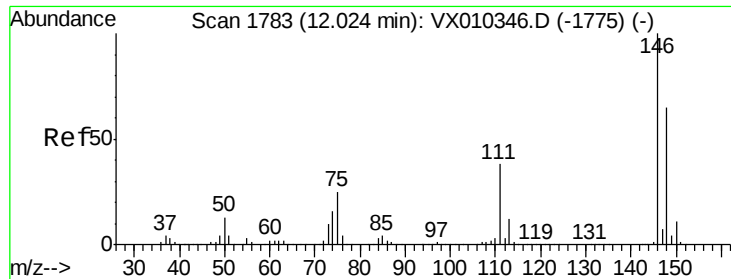
Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.768 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

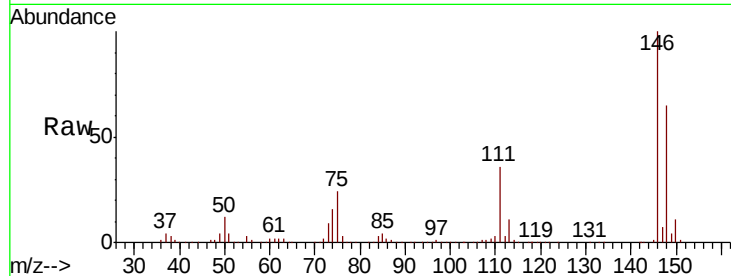
Tot Ion:146 Resp: 297220

Ion Ratio Lower Upper

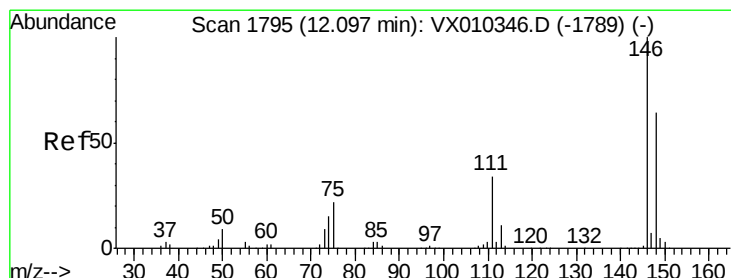
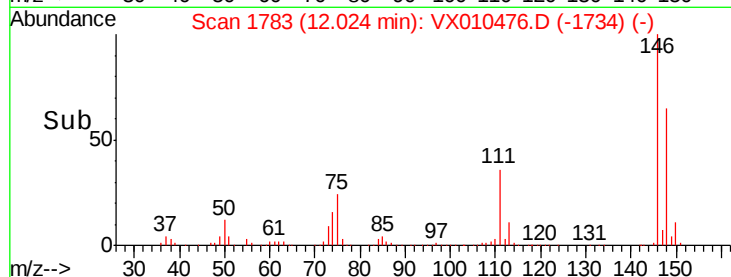
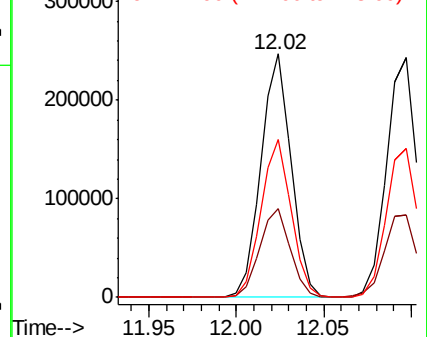
146 100

111 37.0 19.1 57.1

148 64.6 32.5 97.4



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: 47.567 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

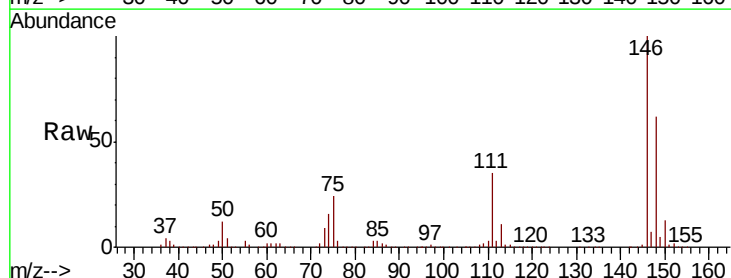
Tgt Ion:146 Resp: 295136

Ion Ratio Lower Upper

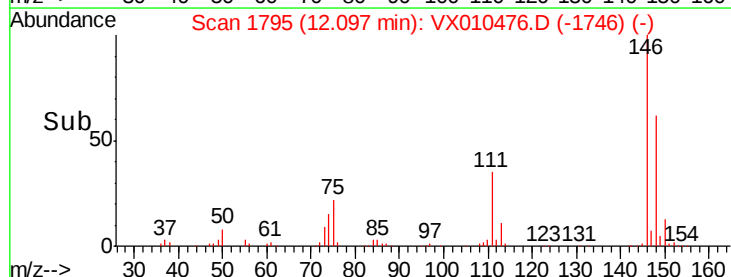
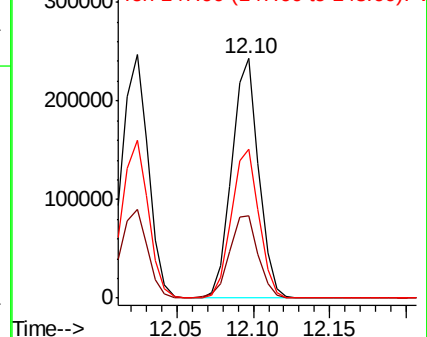
146 100

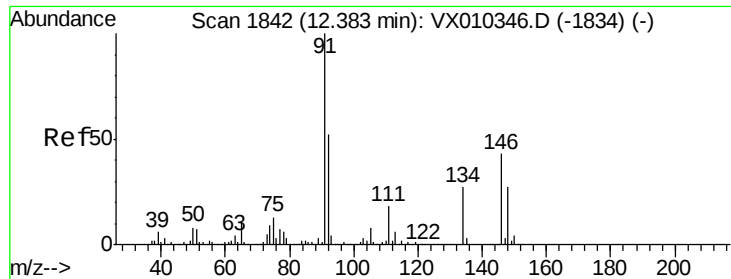
111 36.6 18.1 54.3

148 63.8 32.1 96.3



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: 51.636 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampled :

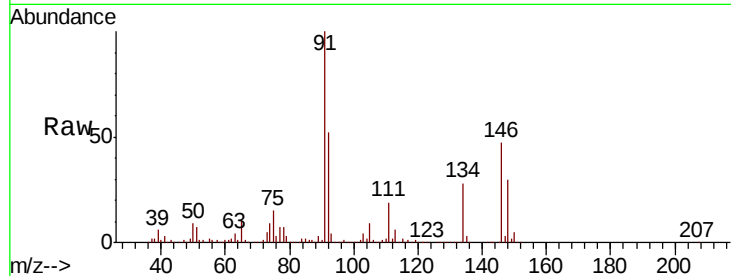
Tot Ion: 91 Resp: 493025

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

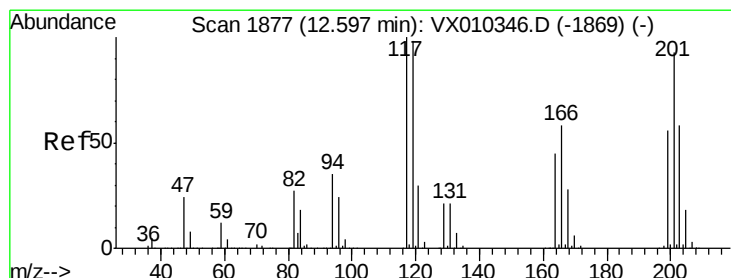
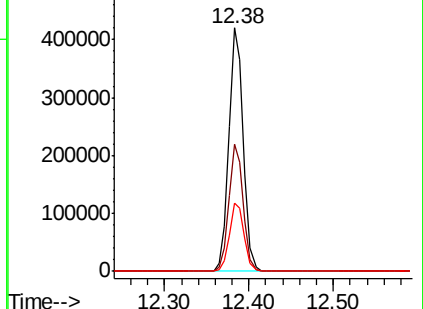
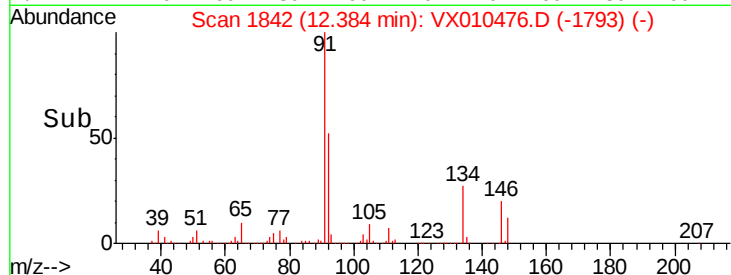
134 28.4 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX010476.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX010476.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX010476.D (-1793) (-)



#90

Hexachloroethane

Concen: 50.656 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010476.D

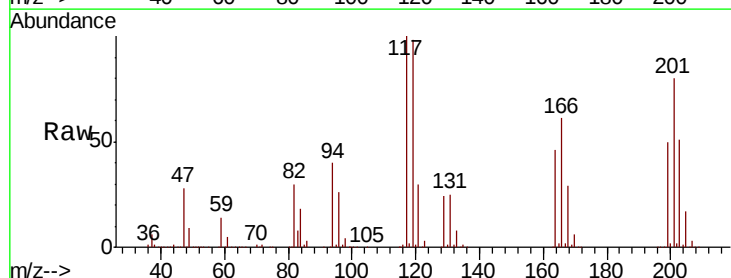
Acq: 27 Jun 2019 09:47

Tgt Ion: 117 Resp: 98420

Ion Ratio Lower Upper

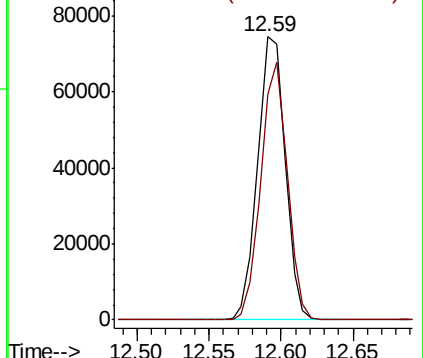
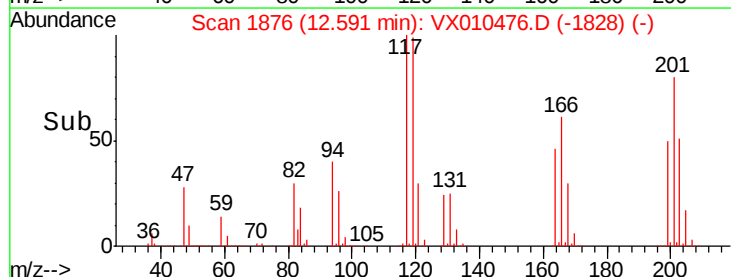
117 100

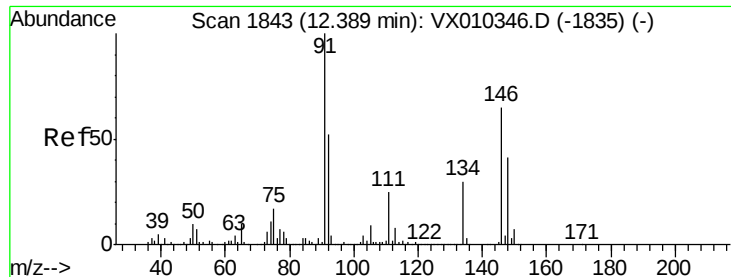
201 87.1 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): VX010476.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX010476.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 47.711 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

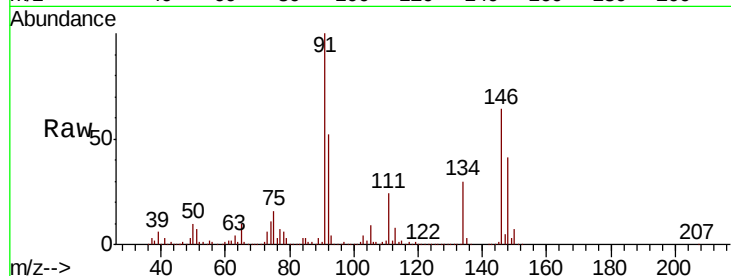
Tot Ion:146 Resp: 289001

Ion Ratio Lower Upper

146 100

111 38.5 19.2 57.6

148 64.6 32.0 96.0

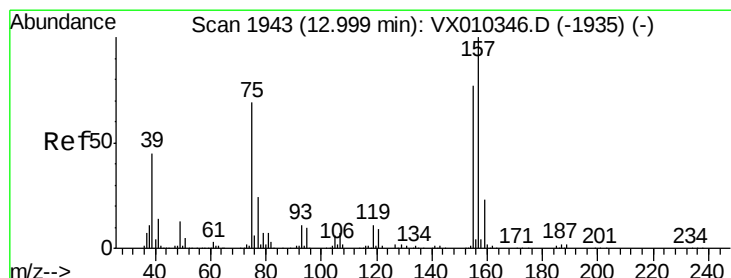
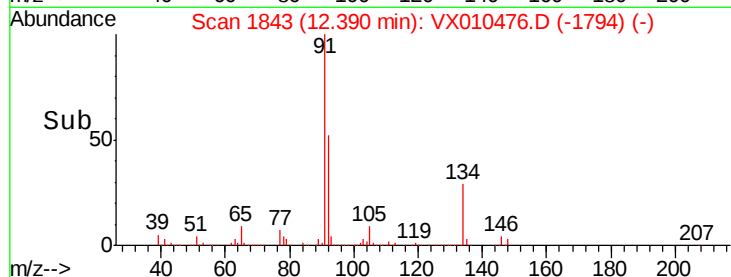
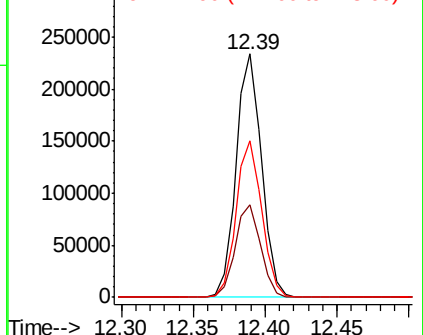


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.291 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

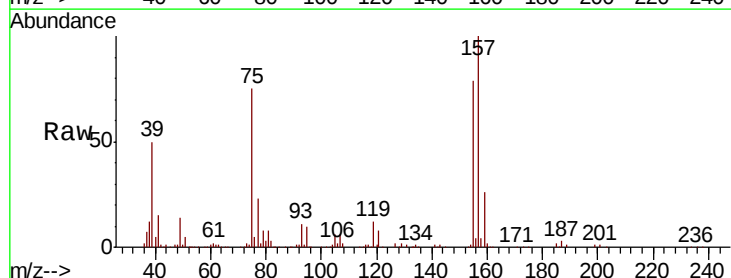
Tgt Ion: 75 Resp: 40437

Ion Ratio Lower Upper

75 100

155 104.0 54.4 163.1

157 132.3 69.5 208.3

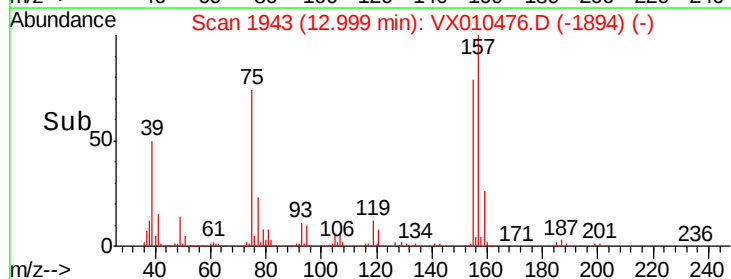
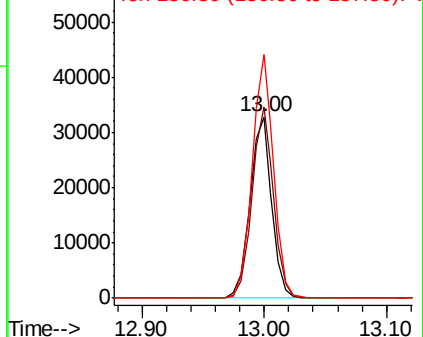


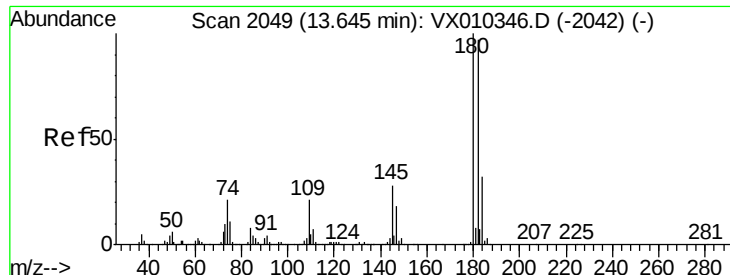
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

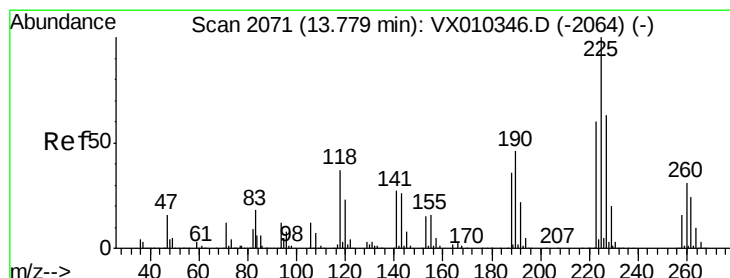
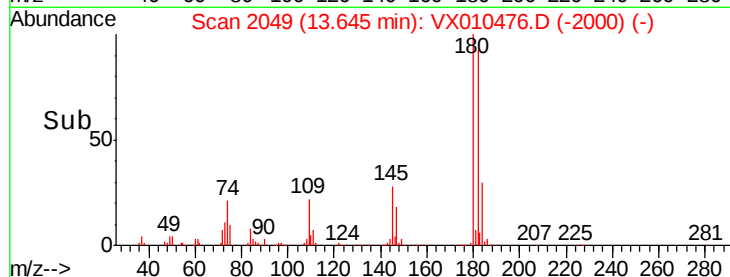
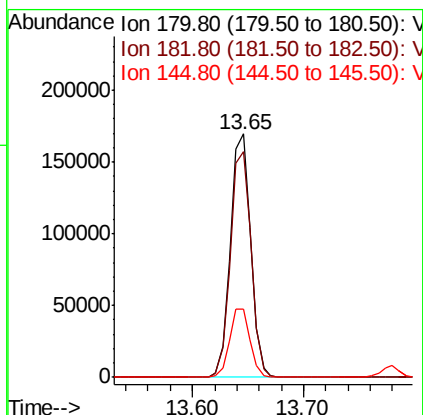
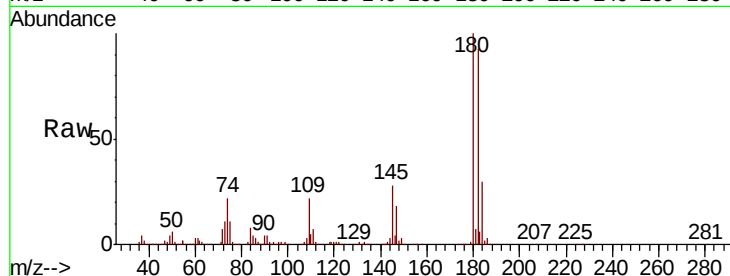




#93
 1,2,4-Trichlorobenzene
 Concen: 50.669 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

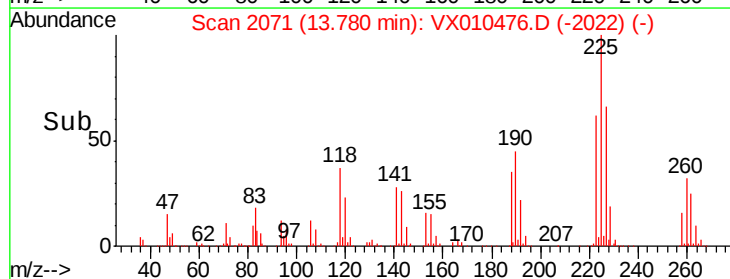
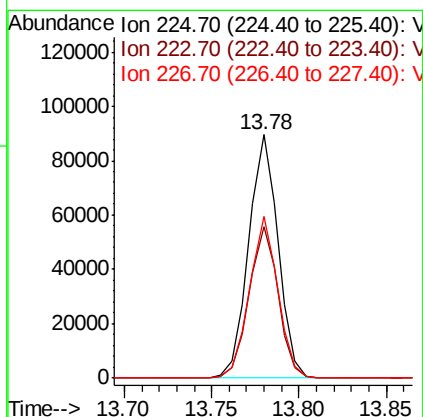
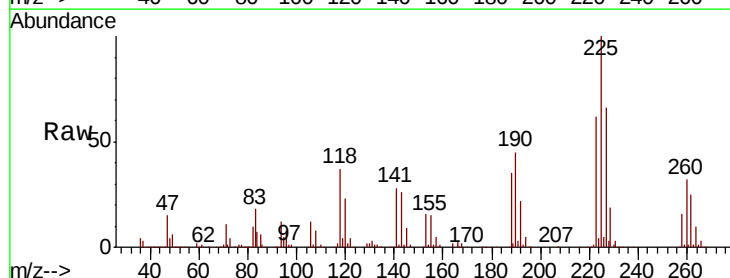
Instrument :
 MSVOA_X
 ClientSampled :

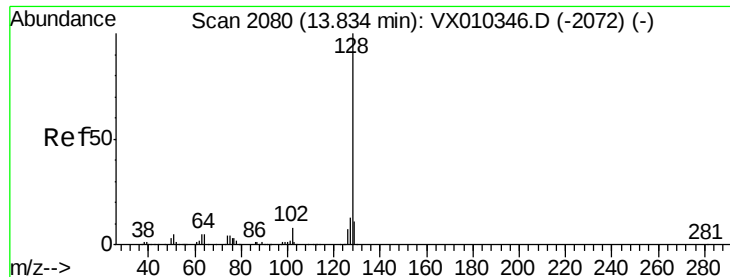
Tot Ion:180 Resp: 212841
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.0
 145 28.3 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 51.204 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion:225 Resp: 105122
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.9 92.7
 227 64.0 31.9 95.5





#95

Naphthalene

Concen: 48.734 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

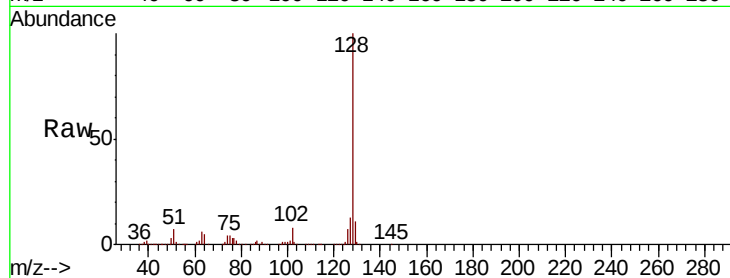
Tot Ion:128 Resp: 629094

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

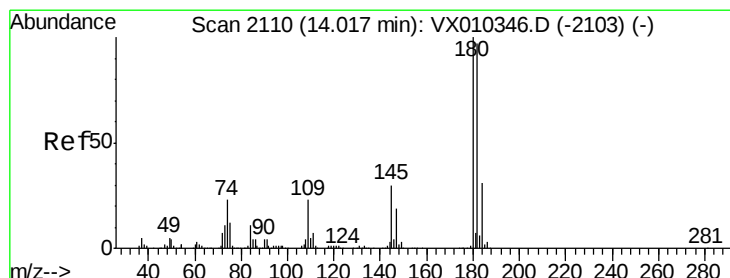
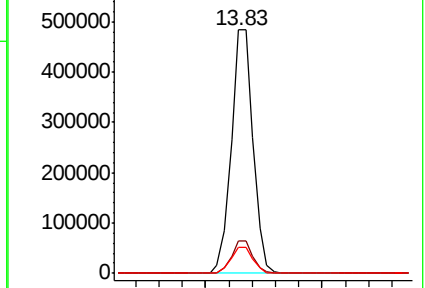
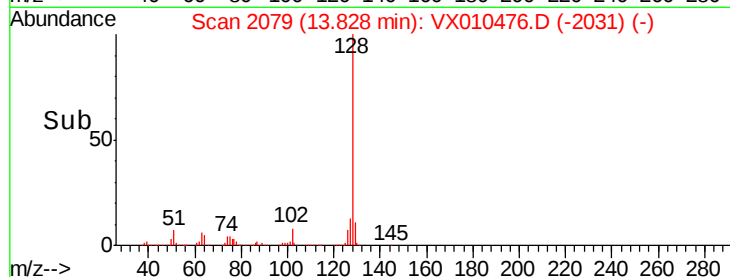
129 11.0 8.9 13.3



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: 50.559 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

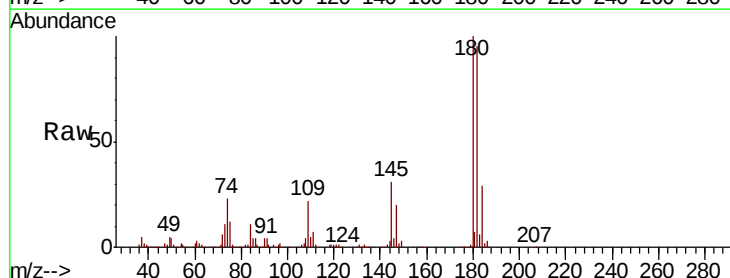
Tgt Ion:180 Resp: 211161

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.3

145 30.6 15.2 45.6



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

