

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010089.D
 Acq On : 05 Jun 2019 19:58
 Operator : JC/SP
 Sample : K3190-16MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	153457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	244483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103331	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	75228	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	305274	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	112183	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101585	54.173	ug/l	100
3) Chloromethane	1.32	50	118542	47.022	ug/l	99
4) Vinyl Chloride	1.41	62	108068	47.553	ug/l	98
5) Bromomethane	1.64	94	69199	50.257	ug/l	99
6) Chloroethane	1.71	64	65099	46.534	ug/l	99
7) Trichlorofluoromethane	1.92	101	123360	49.122	ug/l	98
8) Diethyl Ether	2.19	74	54101	45.843	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73249	48.311	ug/l	97
10) Methyl Iodide	2.51	142	95766	50.914	ug/l	99
11) Tert butyl alcohol	3.06	59	124297	232.996	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76953	49.516	ug/l	98
13) Acrolein	2.29	56	85822	228.902	ug/l	99
14) Allyl chloride	2.73	41	166274	44.020	ug/l	99
15) Acrylonitrile	3.14	53	306618	238.541	ug/l	99
16) Acetone	2.45	43	266163	212.513	ug/l	98
17) Carbon Disulfide	2.57	76	229078	48.690	ug/l	100
18) Methyl Acetate	2.78	43	135677	46.556	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	288720	49.208	ug/l	98
20) Methylene Chloride	2.85	84	92596	48.278	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	83407	48.234	ug/l	96
22) Diisopropyl ether	3.85	45	348959	48.554	ug/l	97
23) Vinyl Acetate	3.82	43	1562898	242.070	ug/l	99
24) 1,1-Dichloroethane	3.70	63	171031	49.106	ug/l	99
25) 2-Butanone	4.68	43	461445	236.480	ug/l	99
26) 2,2-Dichloropropane	4.58	77	105267	39.954	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	96473	48.331	ug/l	95
28) Bromochloromethane	5.02	49	80838	44.726	ug/l	96
29) Tetrahydrofuran	5.13	42	304222	243.125	ug/l	99
30) Chloroform	5.21	83	156408	49.794	ug/l	99
31) Cyclohexane	5.58	56	166510	50.476	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	131232	51.300	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119741	48.272	ug/l	99
37) Ethyl Acetate	4.84	43	173000	50.053	ug/l	99
38) Carbon Tetrachloride	5.79	117	109826	51.236	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146948	49.942	ug/l	98
40) Benzene	6.14	78	370900	50.404	ug/l	100
41) Methacrylonitrile	5.04	41	97940	48.493	ug/l	99
42) 1,2-Dichloroethane	6.19	62	134954	49.608	ug/l	100
43) Isopropyl Acetate	6.45	43	270640	48.528	ug/l	99
44) Trichloroethene	7.21	130	89511	50.079	ug/l	95
45) 1,2-Dichloropropane	7.51	63	103820	49.012	ug/l	98
46) Dibromomethane	7.66	93	60114	48.212	ug/l	97
47) Bromodichloromethane	7.90	83	121253	51.139	ug/l	100
48) Methyl methacrylate	7.77	41	139397	50.492	ug/l	99
49) 1,4-Dioxane	7.74	88	51359	1000.107	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	914491	252.072	ug/l	100
52) Toluene	8.78	92	228533	51.151	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139166	48.940	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	151000	48.737	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90716	50.447	ug/l	98
56) Ethyl methacrylate	9.18	69	167638	52.364	ug/l	100
57) 1,3-Dichloropropane	9.37	76	161254	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	411323	245.019	ug/l	99
59) 2-Hexanone	9.49	43	695339	248.946	ug/l	99
60) Dibromochloromethane	9.58	129	92901	52.519	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93931	50.845	ug/l	100
64) Tetrachloroethene	9.34	164	82497	52.516	ug/l	97
65) Chlorobenzene	10.14	112	237054	50.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85028	52.069	ug/l	100
67) Ethyl Benzene	10.25	91	435092	51.468	ug/l	99
68) m/p-Xylenes	10.36	106	322388	103.227	ug/l	99
69) o-Xylene	10.70	106	157845	52.700	ug/l	98
70) Styrene	10.71	104	275422	52.441	ug/l	99
71) Bromoform	10.85	173	72143	54.046	ug/l	99
73) Isopropylbenzene	11.02	105	416582	50.495	ug/l	99
74) N-amyl acetate	10.90	43	241534	48.994	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	150143	48.782	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	178936	66.920	ug/l	81
77) Bromobenzene	11.26	156	105724	50.285	ug/l	96
78) n-propylbenzene	11.36	91	480579	50.537	ug/l	100
79) 2-Chlorotoluene	11.42	91	285851	49.199	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	355696	51.177	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50206	46.456	ug/l	99
82) 4-Chlorotoluene	11.51	91	331669	49.038	ug/l	99
83) tert-Butylbenzene	11.77	119	338909	50.968	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	354003	50.153	ug/l	100
85) sec-Butylbenzene	11.94	105	402423	50.871	ug/l	100
86) p-Isopropyltoluene	12.06	119	362741	50.980	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183219	48.948	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183405	48.045	ug/l	99
89) n-Butylbenzene	12.38	91	328033	49.056	ug/l	99
90) Hexachloroethane	12.60	117	62551	51.225	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	184592	50.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34516	47.642	ug/l	95

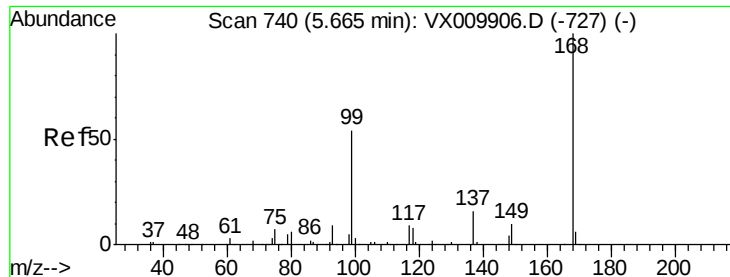
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129131	48.964	ug/l	100
94) Hexachlorobutadiene	13.78	225	60207	45.515	ug/l	100
95) Naphthalene	13.83	128	415282	50.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130580	49.465	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

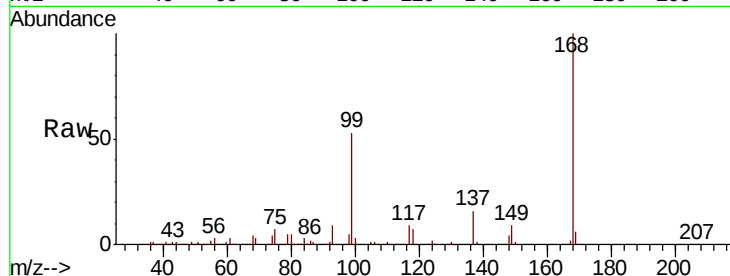
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 153457

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

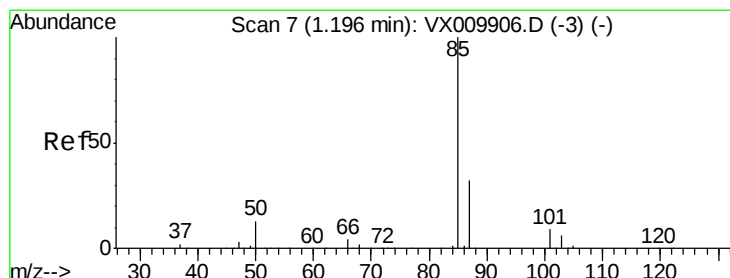
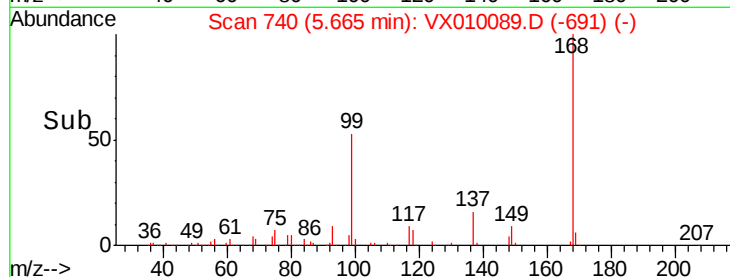
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.173 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010089.D

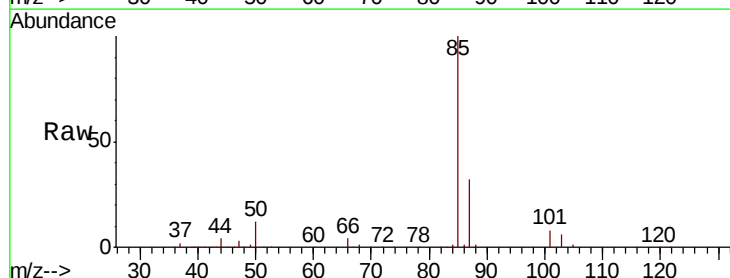
Acq: 05 Jun 2019 19:58

Tgt Ion: 85 Resp: 101585

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

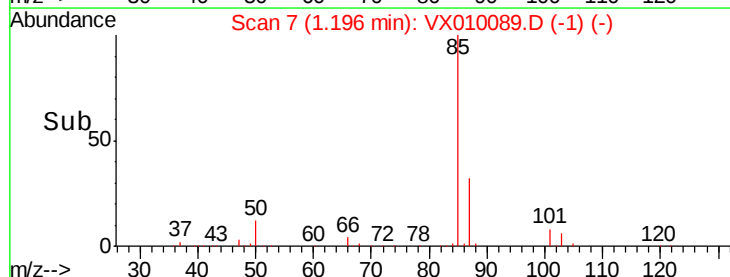
60000

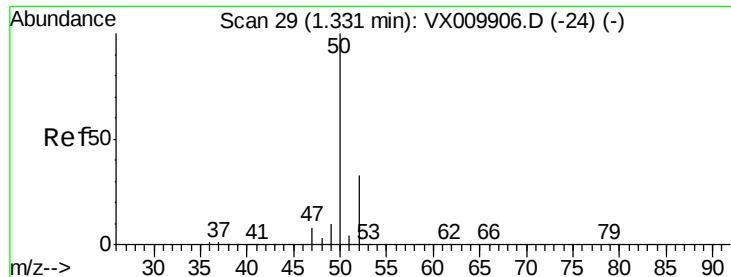
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 47.022 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

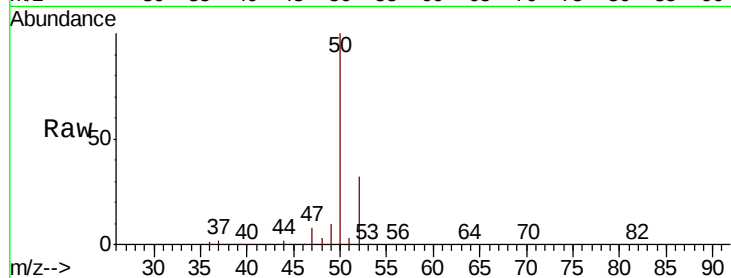
ClientSampleId :

Tot Ion: 50 Resp: 118542

Ion Ratio Lower Upper

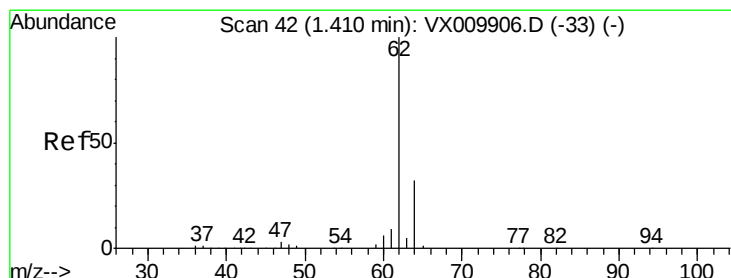
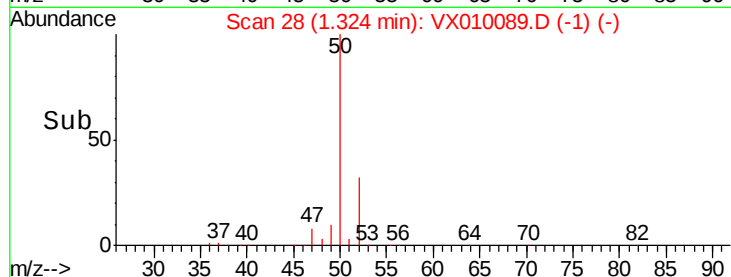
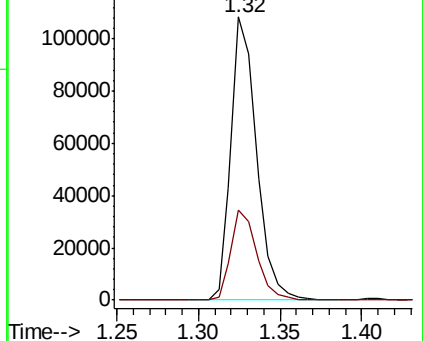
50 100

52 31.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.553 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010089.D

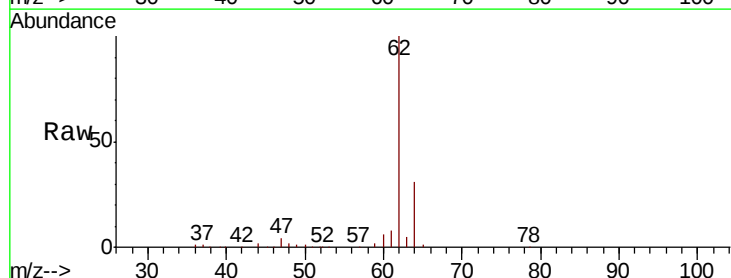
Acq: 05 Jun 2019 19:58

Tgt Ion: 62 Resp: 108068

Ion Ratio Lower Upper

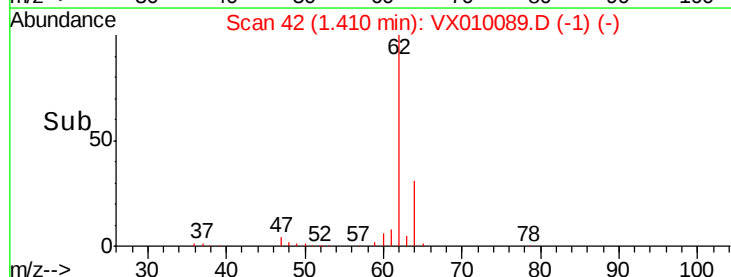
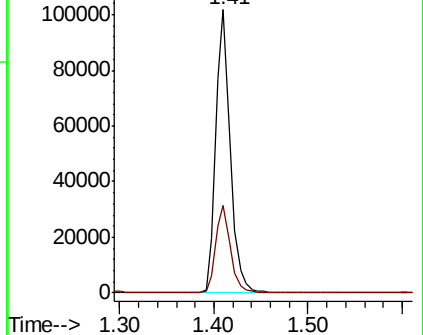
62 100

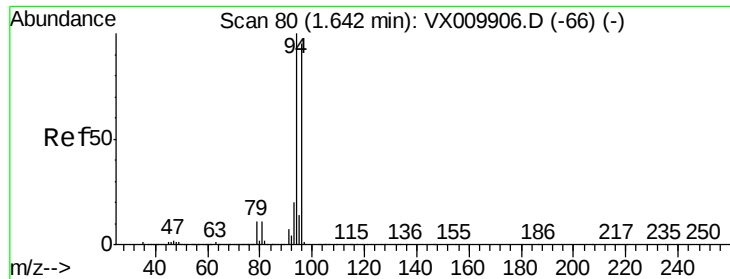
64 30.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.257 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

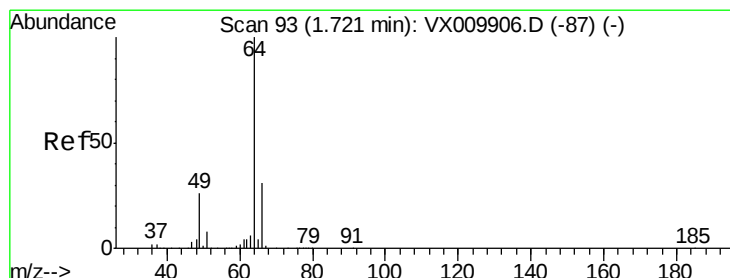
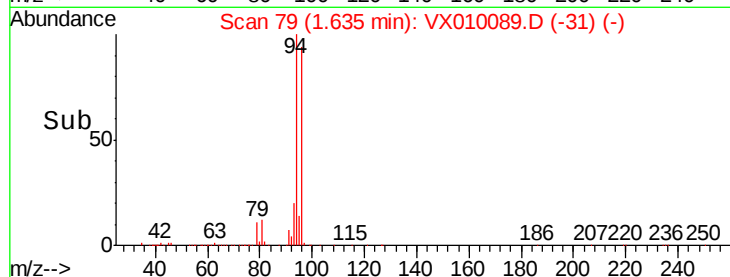
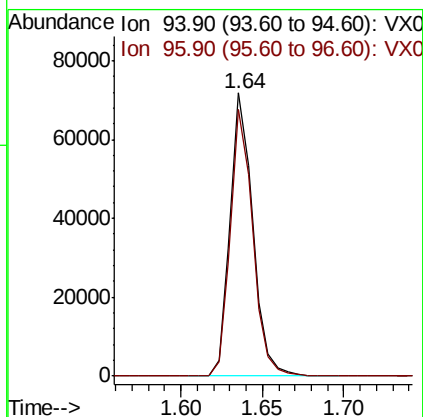
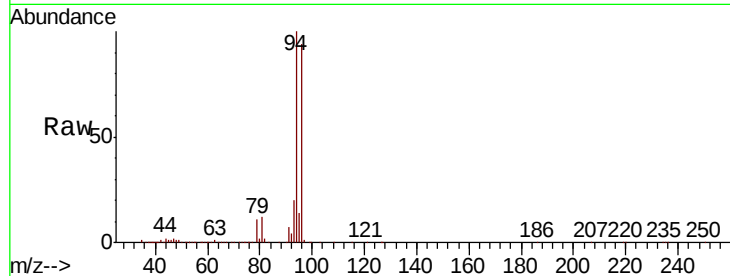
ClientSampleId :

Tot Ion: 94 Resp: 69199

Ion Ratio Lower Upper

94 100

96 94.5 76.2 114.4



#6

Chloroethane

Concen: 46.534 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010089.D

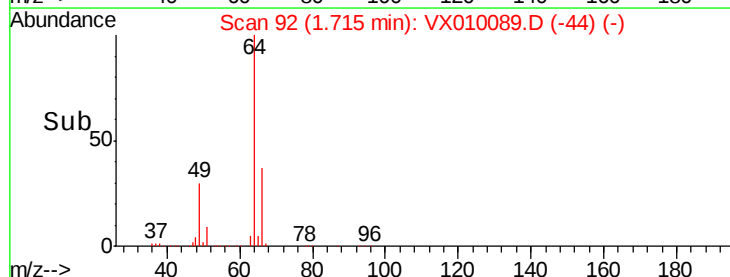
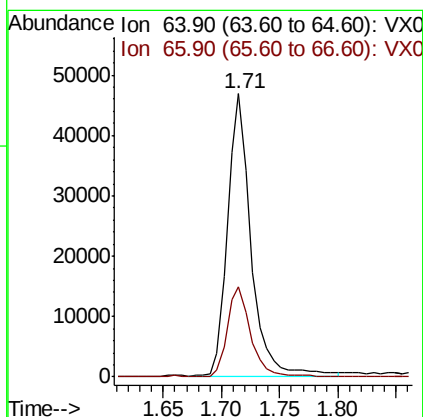
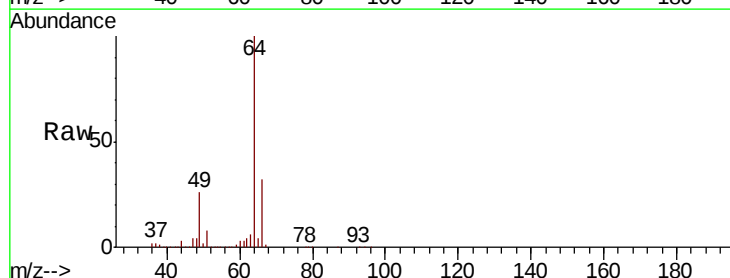
Acq: 05 Jun 2019 19:58

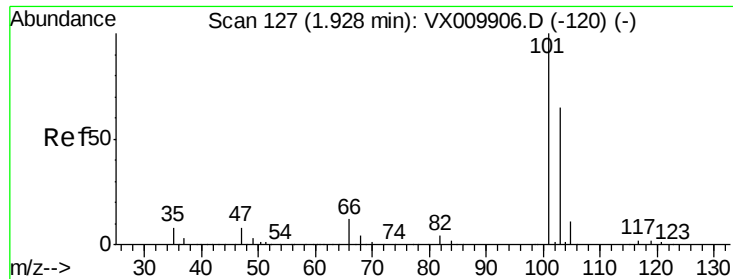
Tgt Ion: 64 Resp: 65099

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



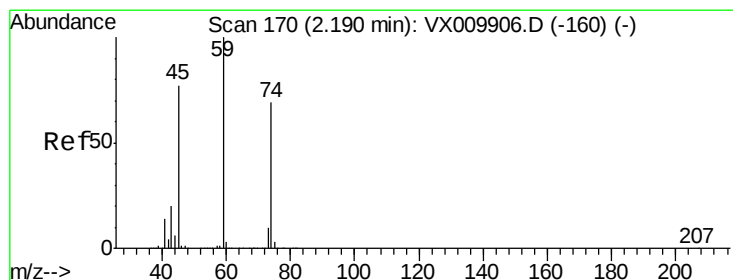
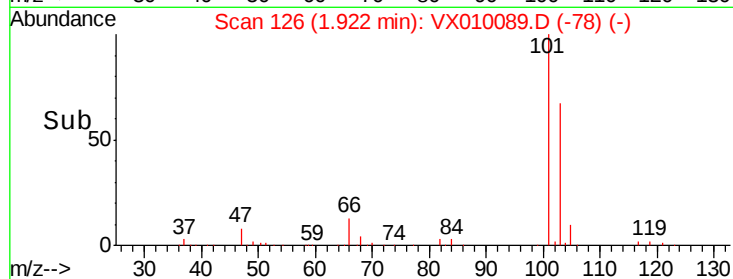
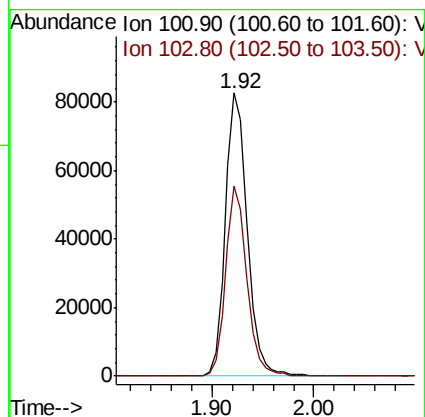
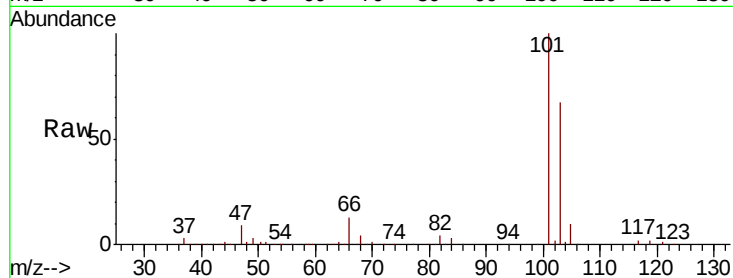


#7

Trichlorofluoromethane
Concen: 49.122 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :

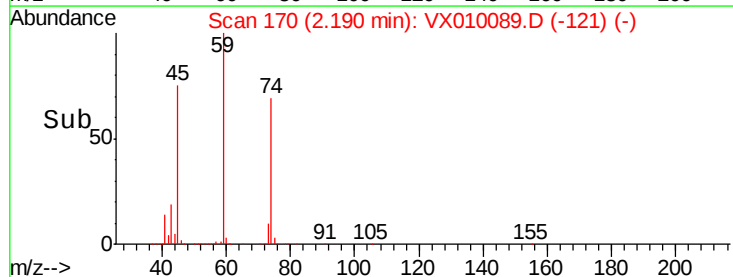
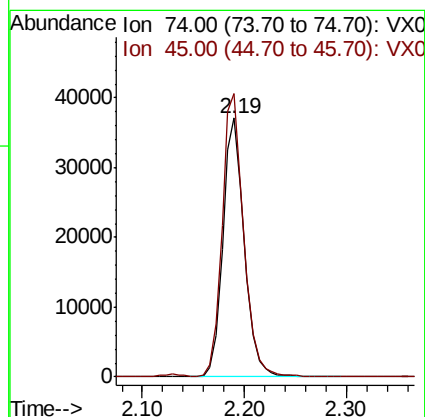
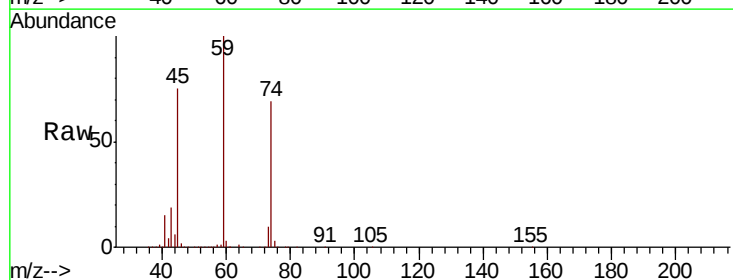
Tot Ion:101 Resp: 123360
Ion Ratio Lower Upper
101 100
103 67.0 52.2 78.4

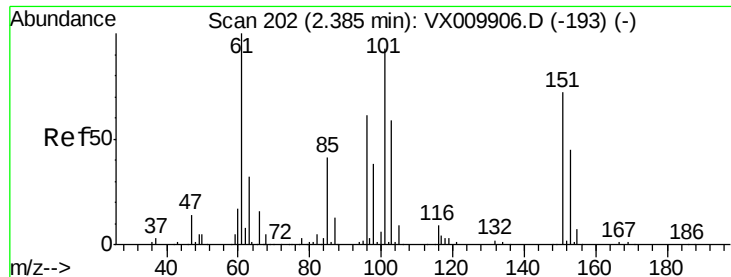


#8

Diethyl Ether
Concen: 45.843 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 74 Resp: 54101
Ion Ratio Lower Upper
74 100
45 109.4 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.311 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

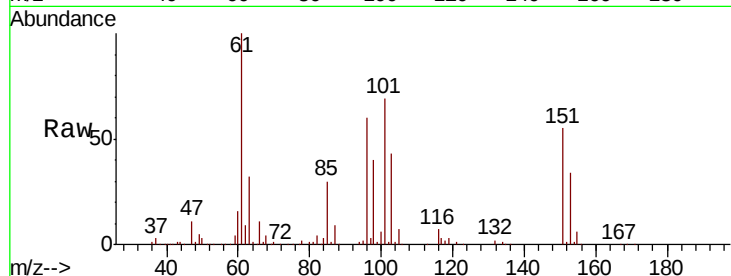
Tot Ion:101 Resp: 73249

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

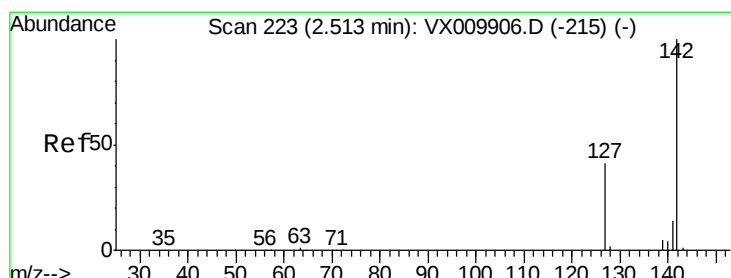
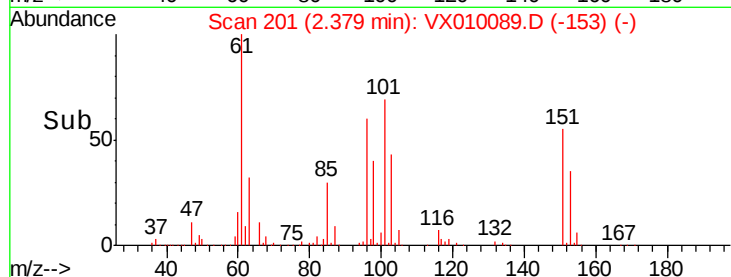
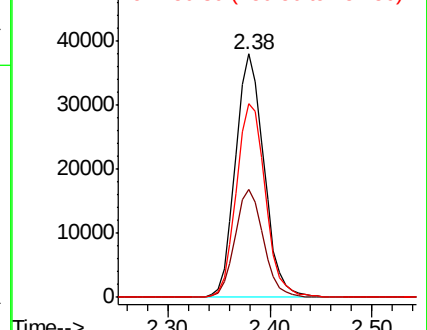
151 81.2 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.914 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

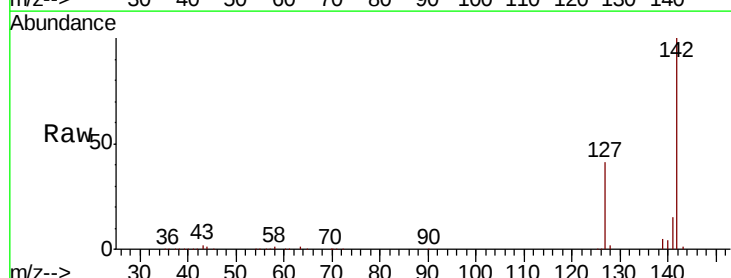
Tgt Ion:142 Resp: 95766

Ion Ratio Lower Upper

142 100

127 41.6 33.0 49.4

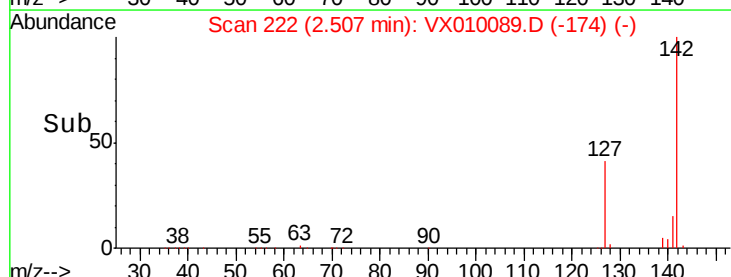
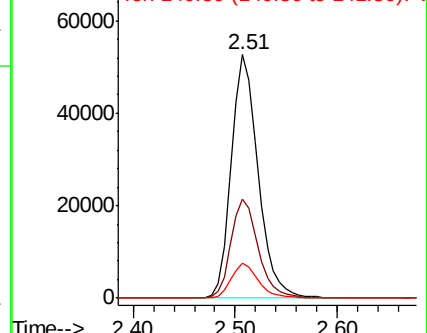
141 14.3 11.4 17.0

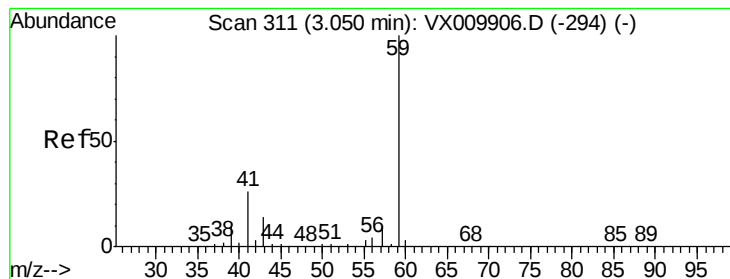


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



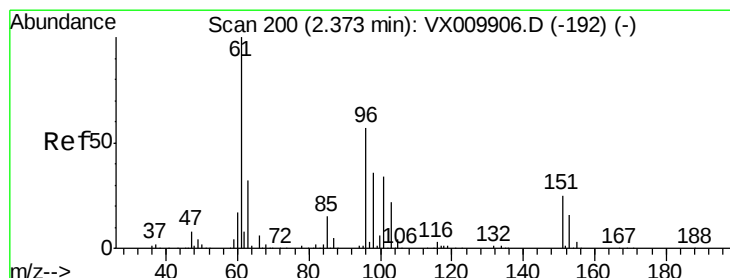
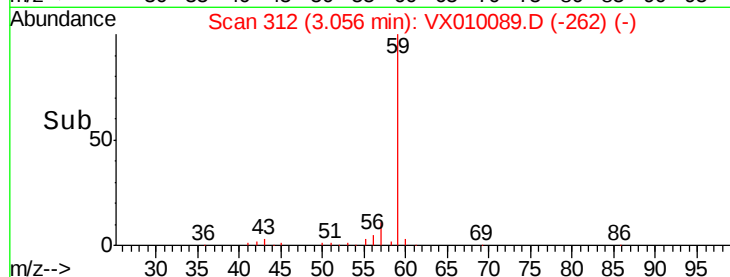
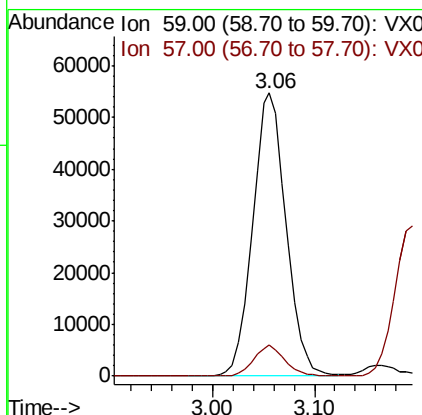
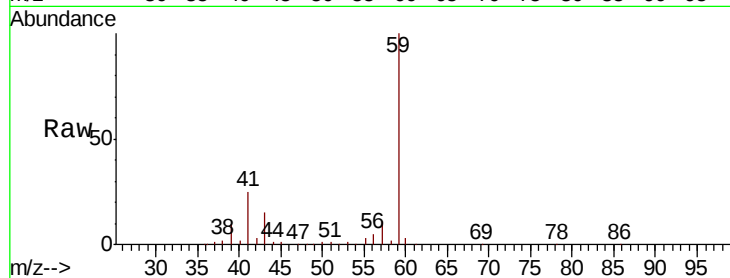


#11

Tert butyl alcohol
Concen: 232.996 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampled :

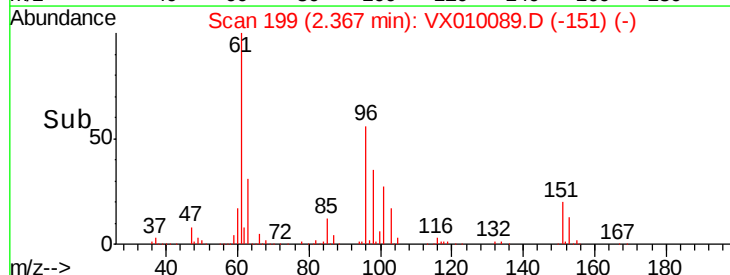
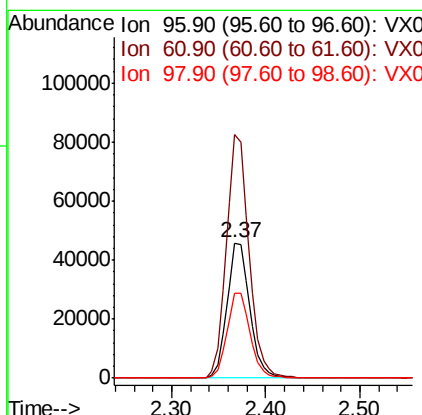
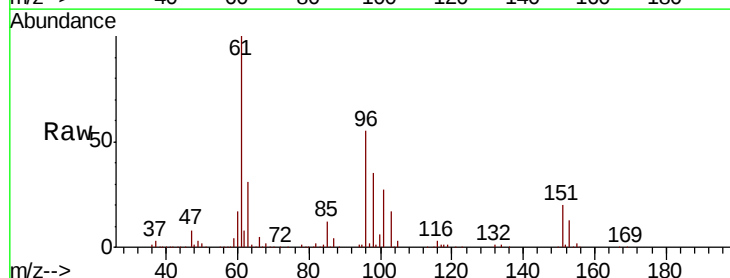
Tot Ion: 59 Resp: 124297
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

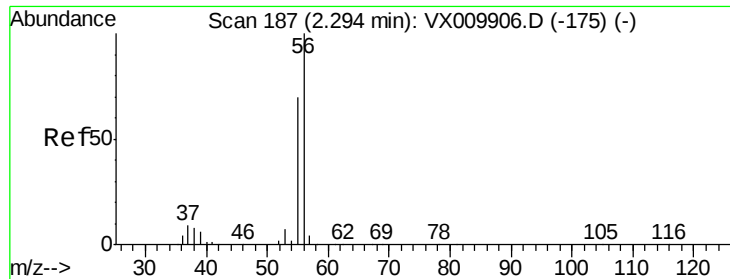


#12

1,1-Dichloroethene
Concen: 49.516 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 96 Resp: 76953
Ion Ratio Lower Upper
96 100
61 180.2 140.7 211.1
98 62.9 50.1 75.1

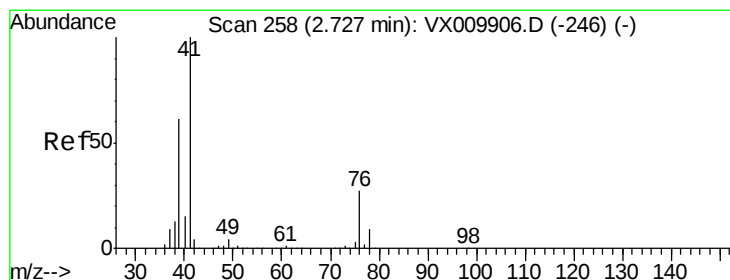
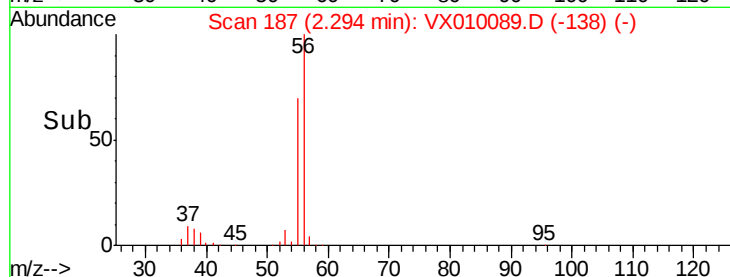
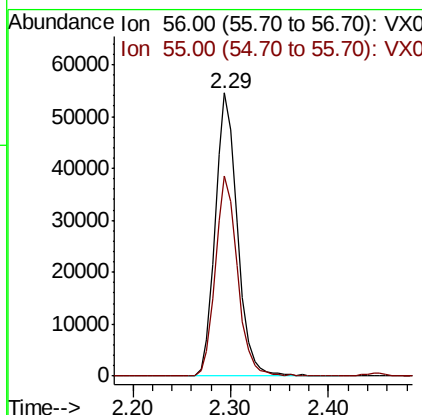
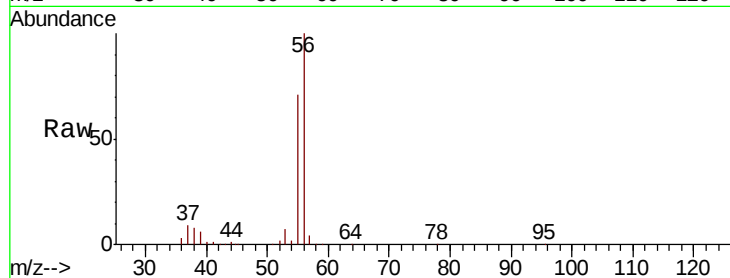




#13
Acrolein
Concen: 228.902 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

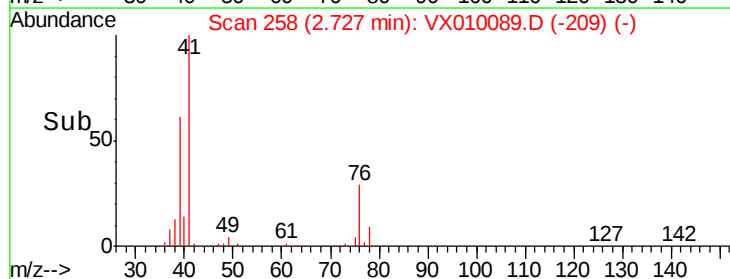
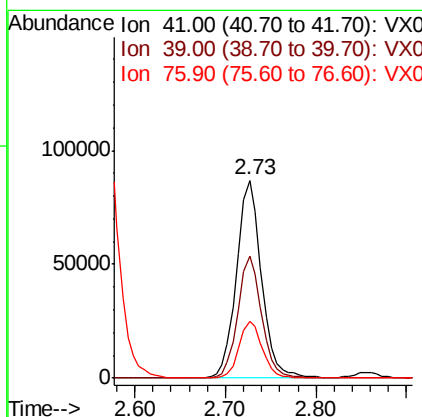
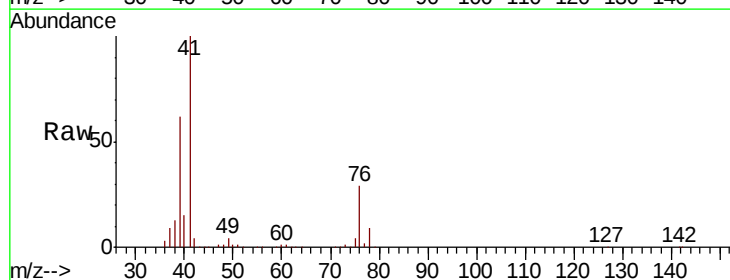
Instrument :
MSVOA_X
ClientSampled :

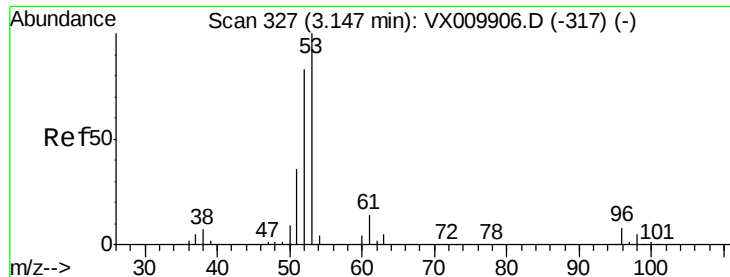
Tot Ion: 56 Resp: 85822
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4



#14
Allyl chloride
Concen: 44.020 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 41 Resp: 166274
Ion Ratio Lower Upper
41 100
39 58.7 46.7 70.1
76 26.6 21.0 31.4





#15

Acrylonitrile

Concen: 238.541 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

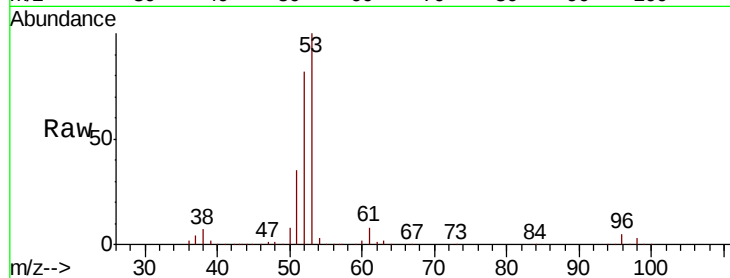
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 306618

Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	36.0	28.8	43.2

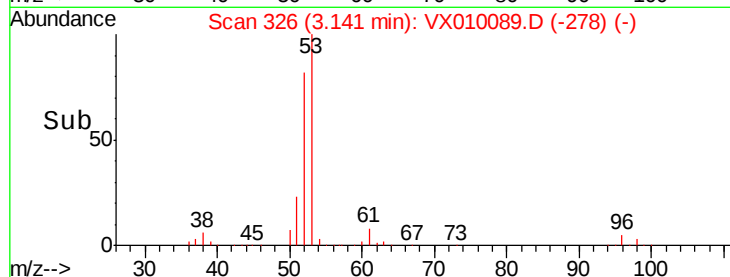


Abundance

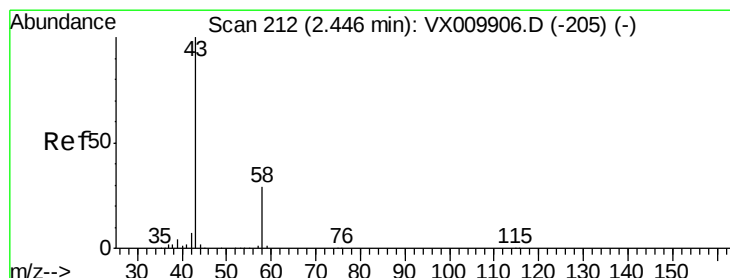
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time--> 3.00 3.10 3.20 3.30



#16

Acetone

Concen: 212.513 ug/l

RT: 2.45 min Scan# 212

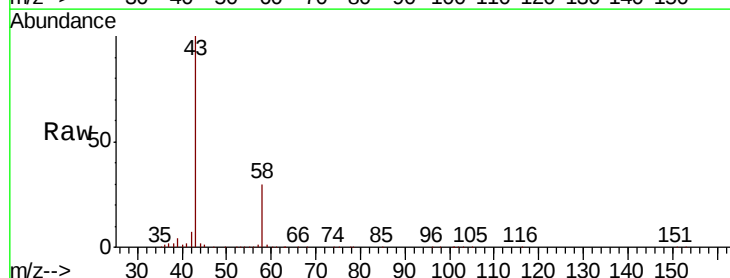
Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion: 43 Resp: 266163

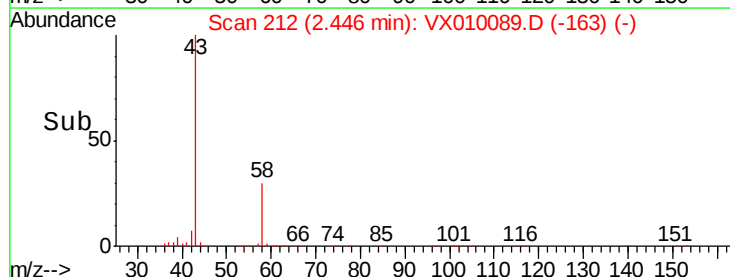
Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.2	34.8



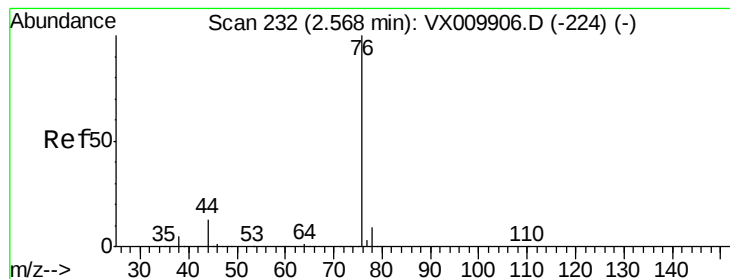
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 2.40 2.50



#17

Carbon Disulfide

Concen: 48.690 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

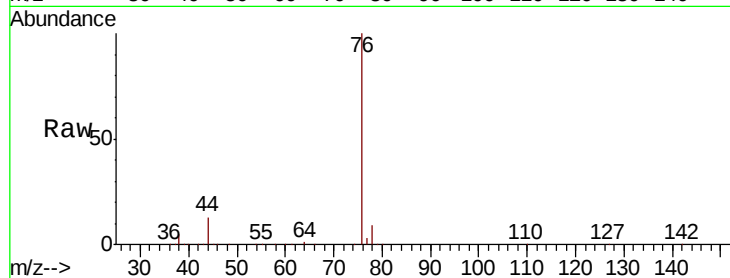
ClientSampleId :

Tot Ion: 76 Resp: 229078

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

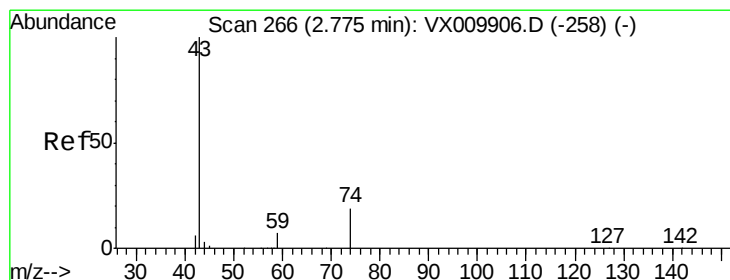
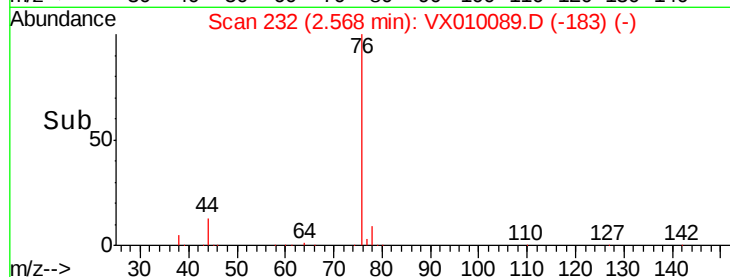
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.556 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010089.D

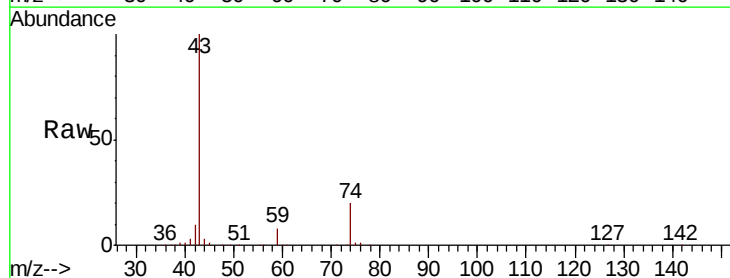
Acq: 05 Jun 2019 19:58

Tgt Ion: 43 Resp: 135677

Ion Ratio Lower Upper

43 100

74 19.9 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

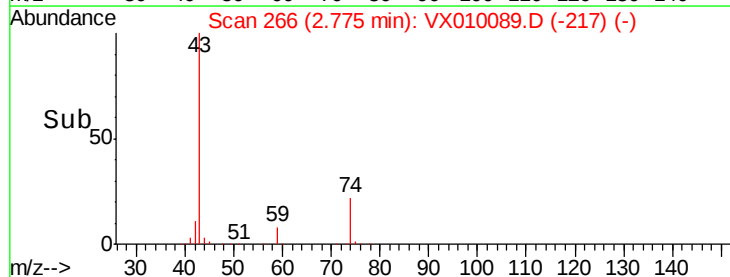
60000

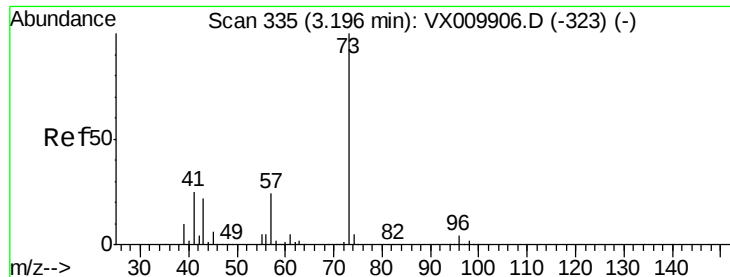
40000

20000

0

Time-->



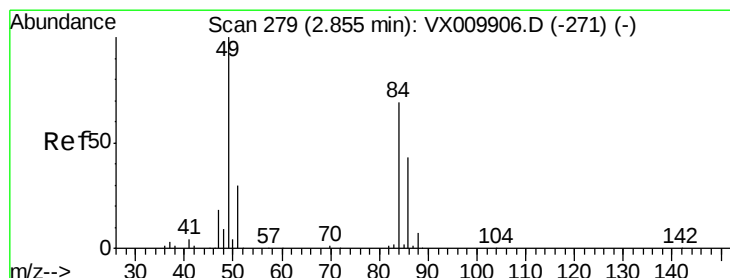
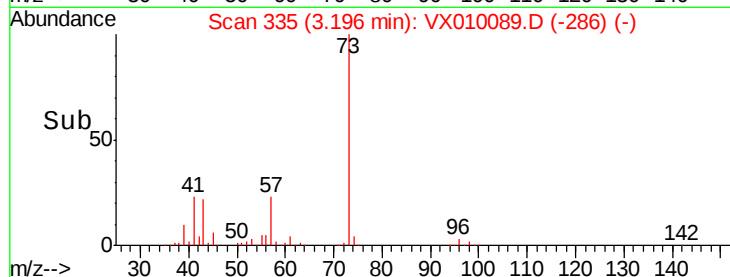
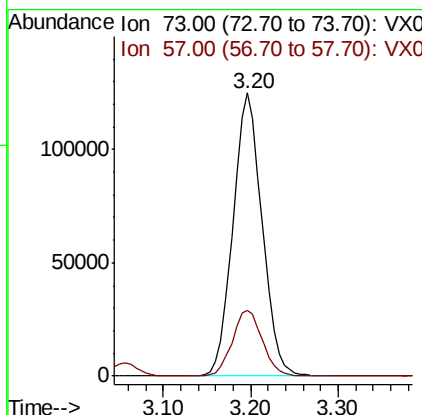
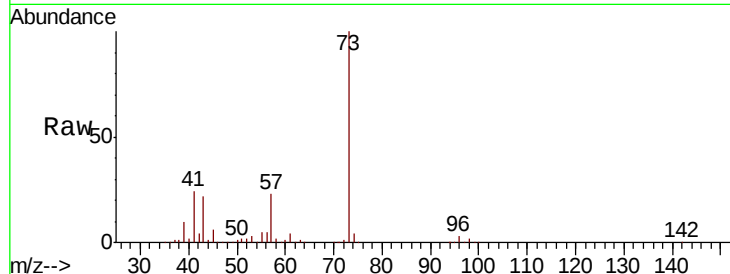


#19

Methyl tert-butyl Ether
 Concen: 49.208 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampled :

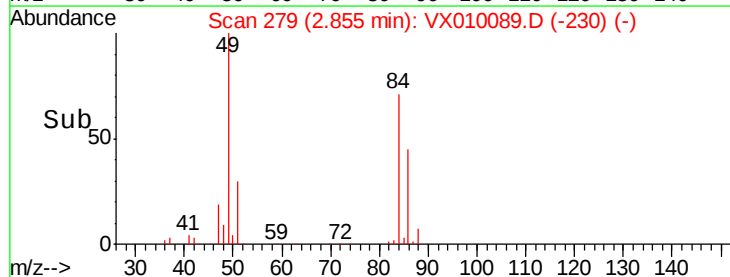
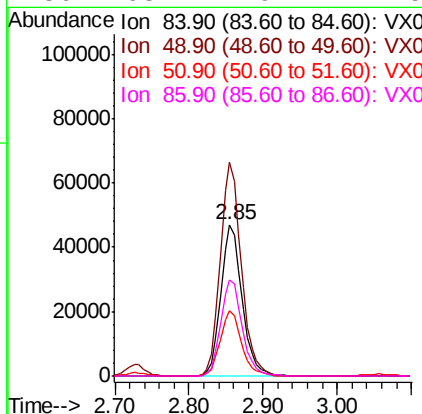
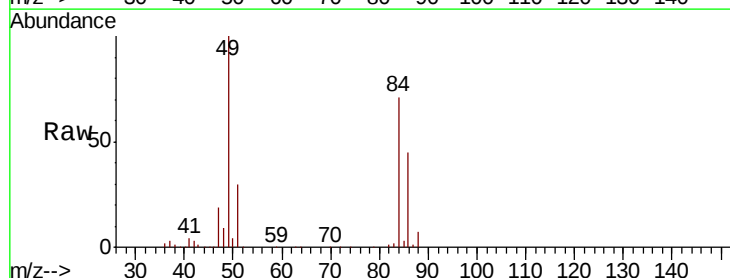
Tot Ion: 73 Resp: 288720
 Ion Ratio Lower Upper
 73 100
 57 23.1 19.4 29.2

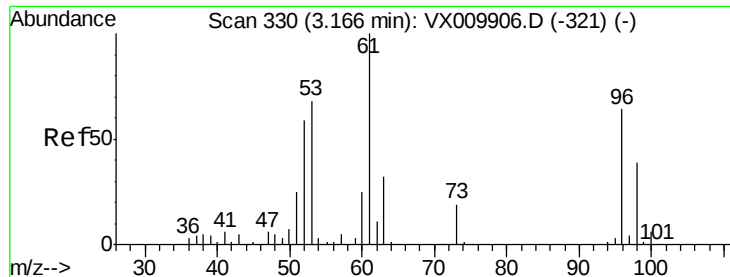


#20

Methylene Chloride
 Concen: 48.278 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion: 84 Resp: 92596
 Ion Ratio Lower Upper
 84 100
 49 141.2 115.8 173.6
 51 43.0 34.4 51.6
 86 63.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 48.234 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

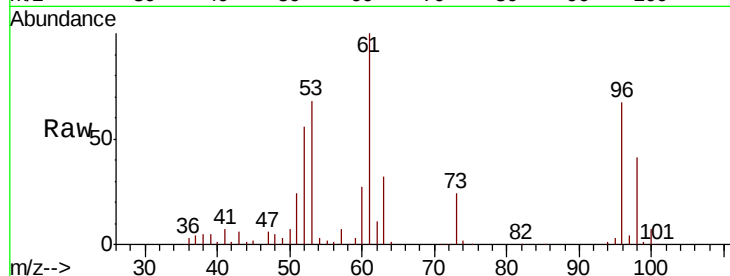
Tot Ion: 96 Resp: 83407

Ion Ratio Lower Upper

96 100

61 149.8 125.7 188.5

98 61.4 49.0 73.6

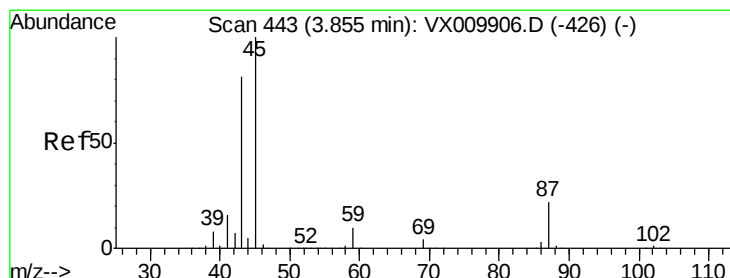
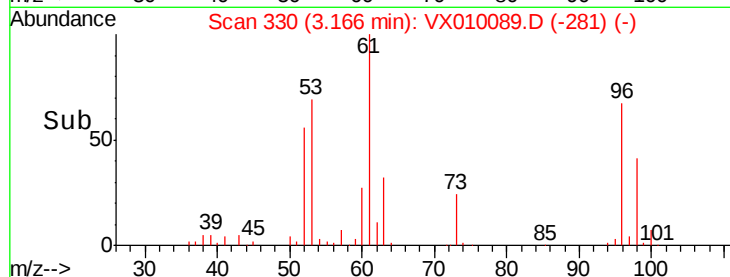
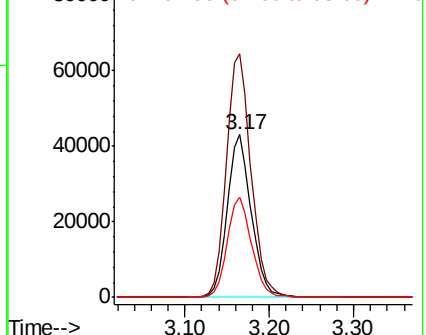


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.554 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion: 45 Resp: 348959

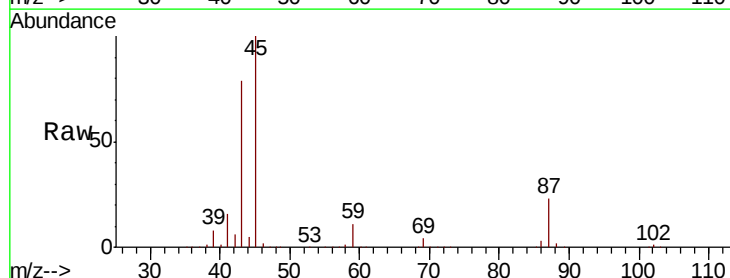
Ion Ratio Lower Upper

45 100

43 78.8 65.0 97.4

87 22.6 17.3 25.9

59 11.0 8.1 12.1



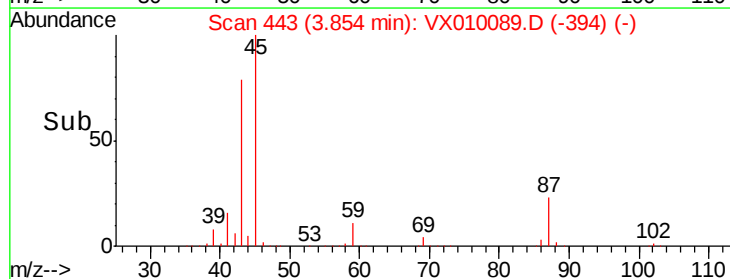
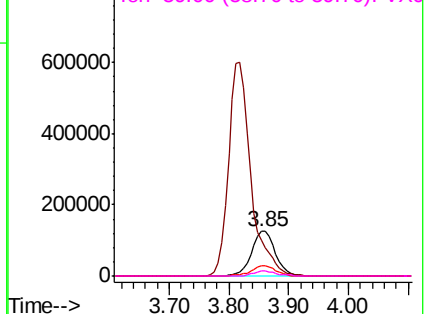
Abundance

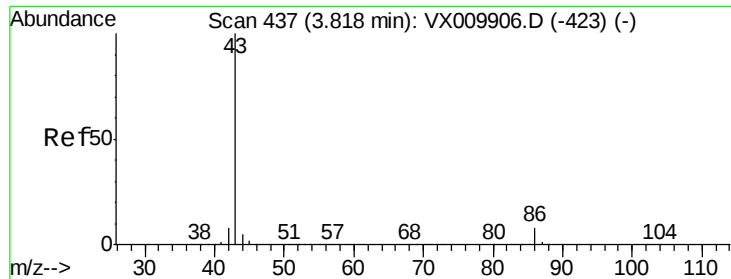
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.070 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

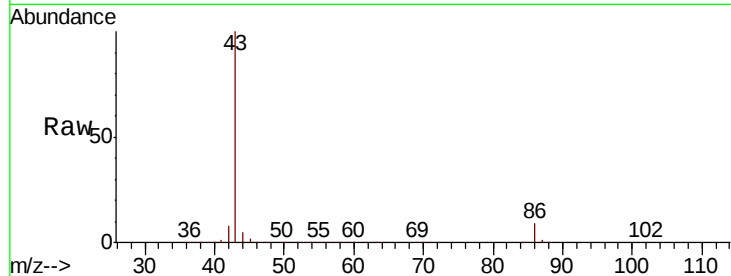
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1562898

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

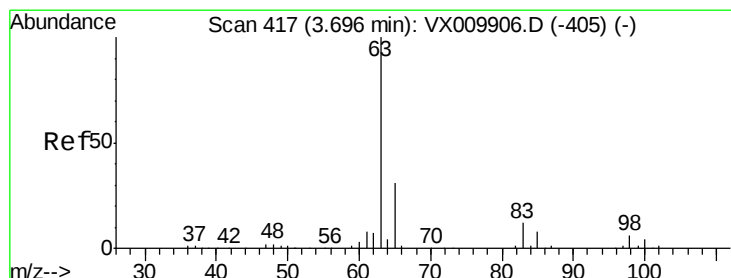
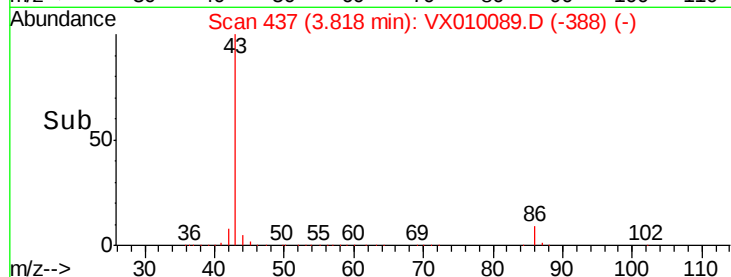
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.106 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

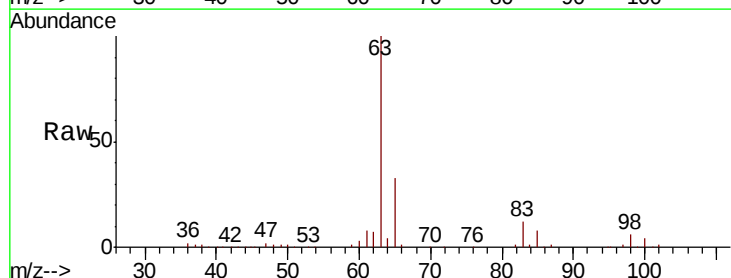
Tgt Ion: 63 Resp: 171031

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 4.3 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

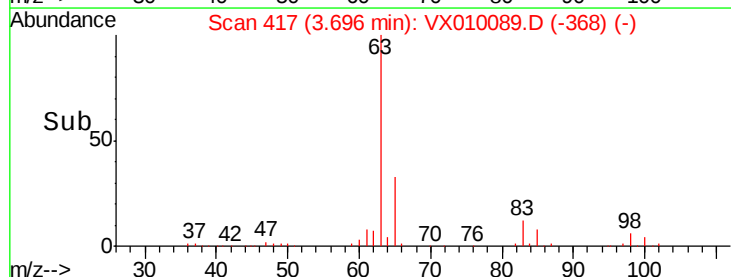
60000

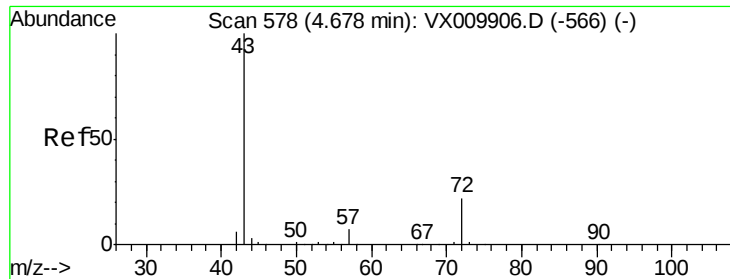
40000

20000

0

Time-->





#25

2-Butanone

Concen: 236.480 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

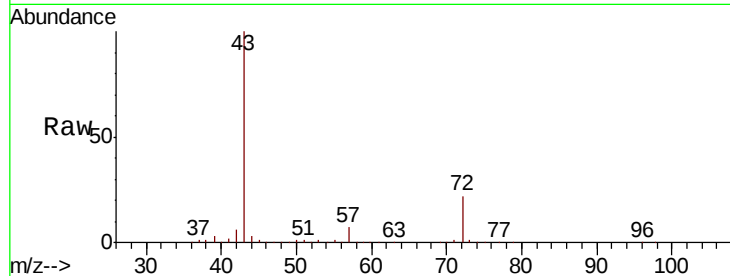
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 461445

Ion Ratio Lower Upper

43 100

72 22.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

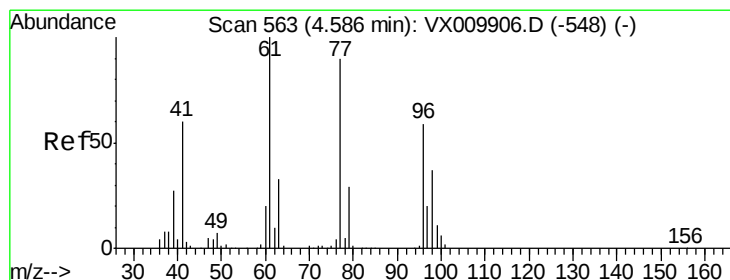
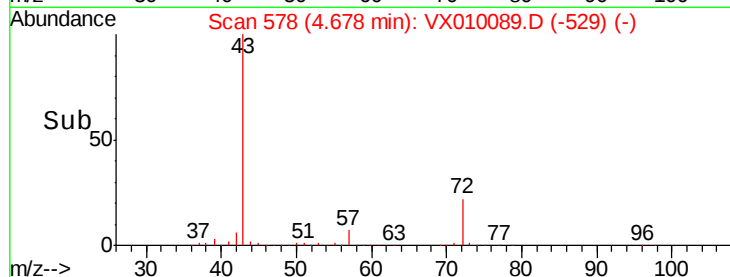
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 39.954 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010089.D

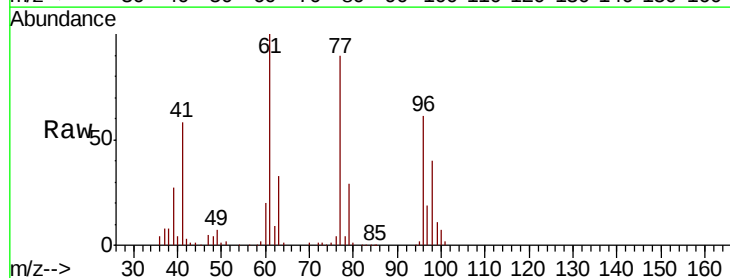
Acq: 05 Jun 2019 19:58

Tgt Ion: 77 Resp: 105267

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

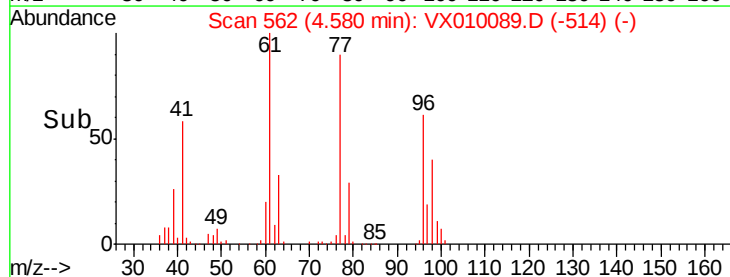
30000

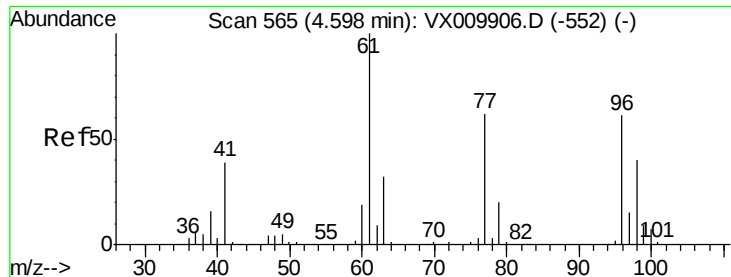
20000

10000

0

Time-->



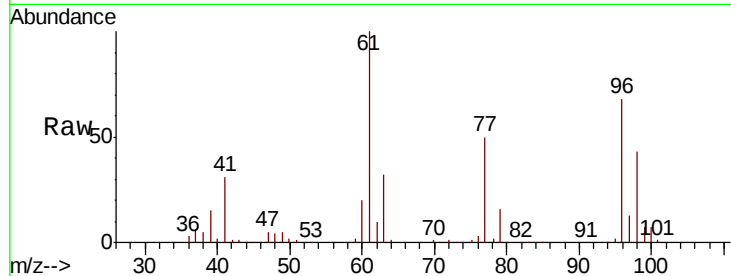


#27

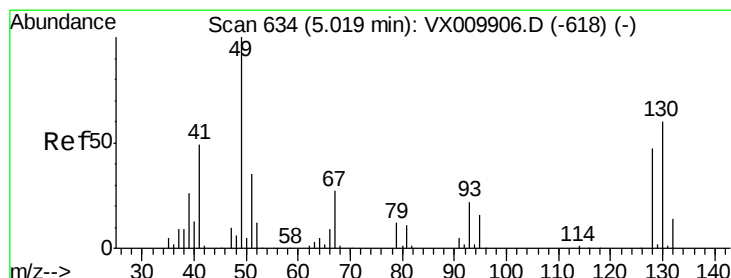
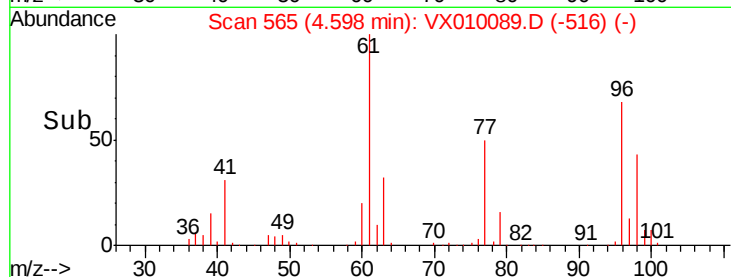
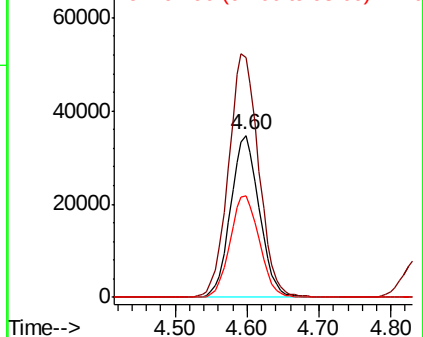
cis-1,2-Dichloroethene
Concen: 48.331 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 96473
Ion Ratio Lower Upper
96 100
61 157.7 0.0 334.0
98 64.1 0.0 131.6



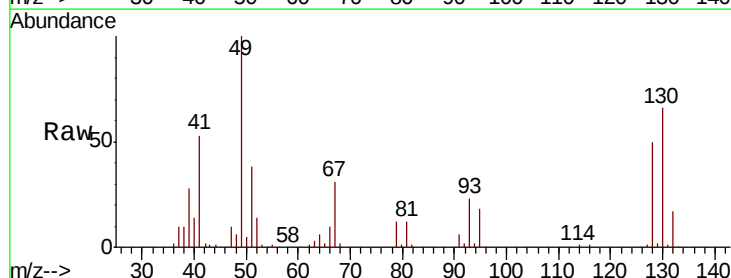
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



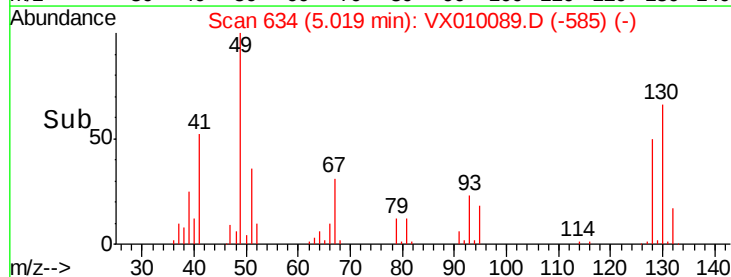
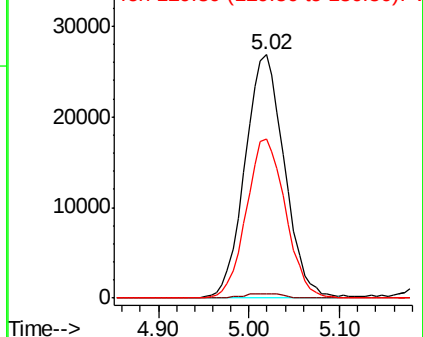
#28

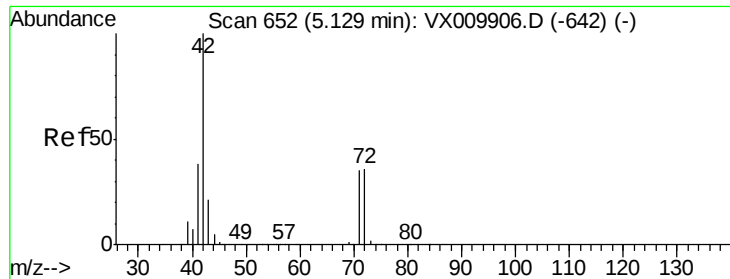
Bromochloromethane
Concen: 44.726 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 49 Resp: 80838
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.4
130 64.9 49.4 74.2



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

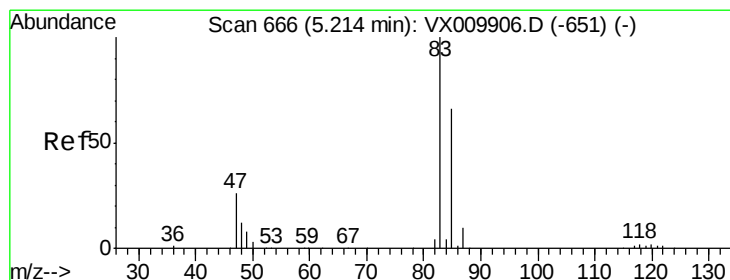
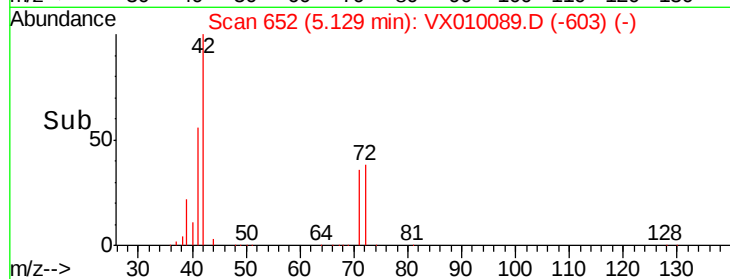
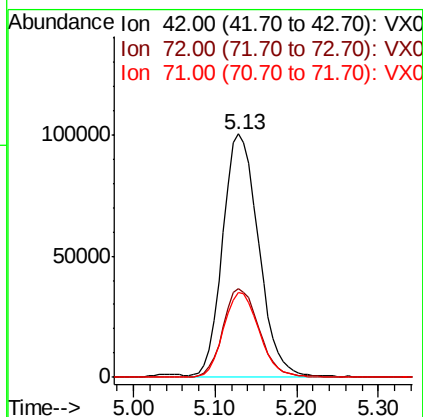
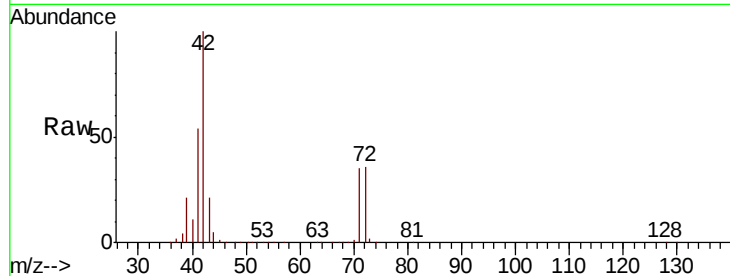




#29
Tetrahydrofuran
Concen: 243.125 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

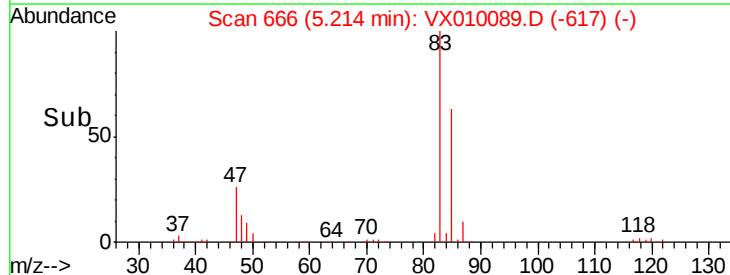
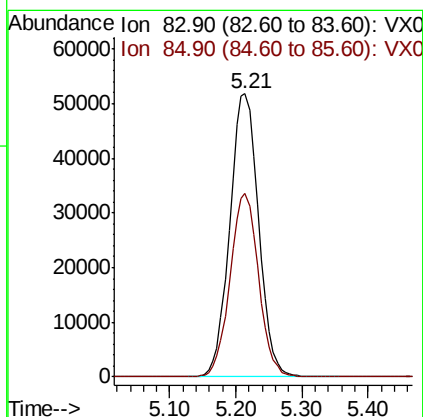
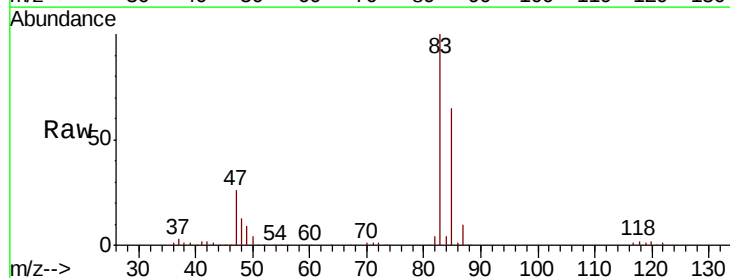
Instrument :
MSVOA_X
ClientSampled :

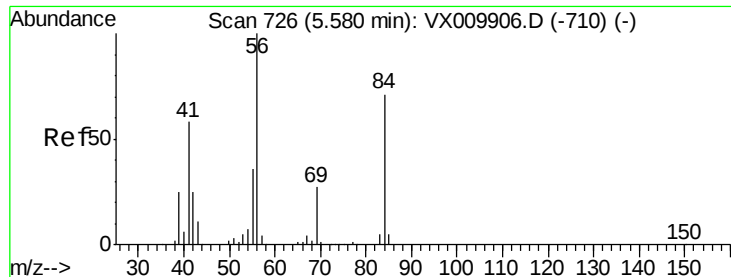
Tot Ion: 42 Resp: 304222
Ion Ratio Lower Upper
42 100
72 37.2 29.2 43.8
71 35.0 27.6 41.4



#30
Chloroform
Concen: 49.794 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 83 Resp: 156408
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8

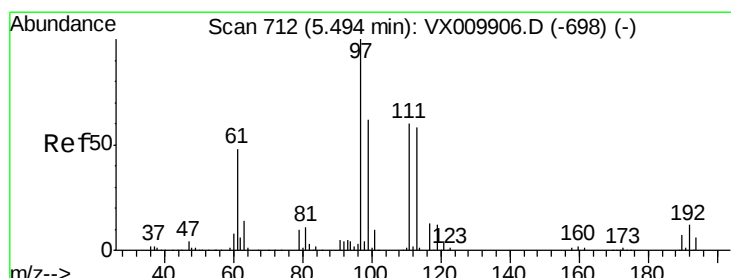
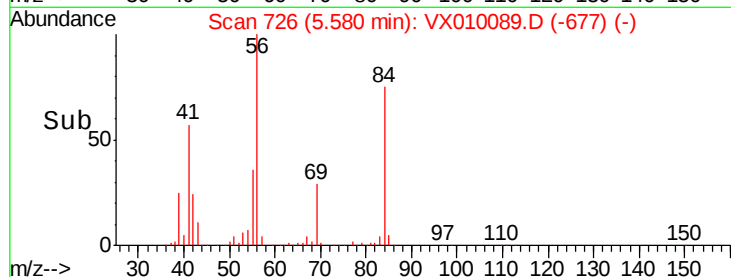
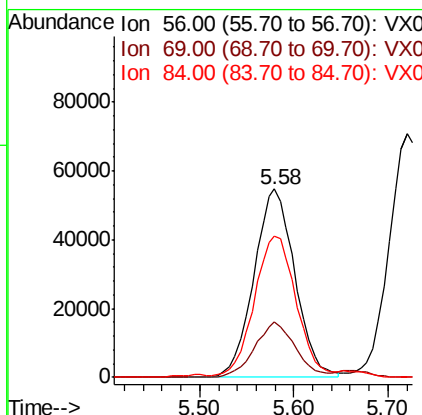
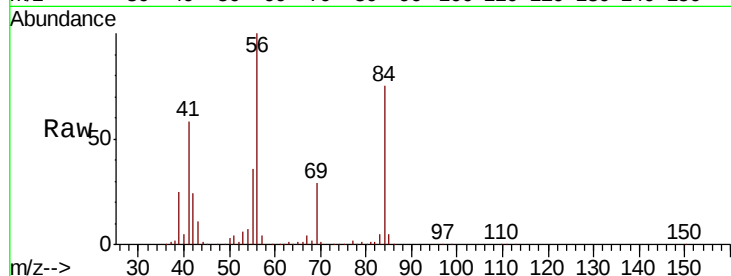




#31
Cyclohexane
Concen: 50.476 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

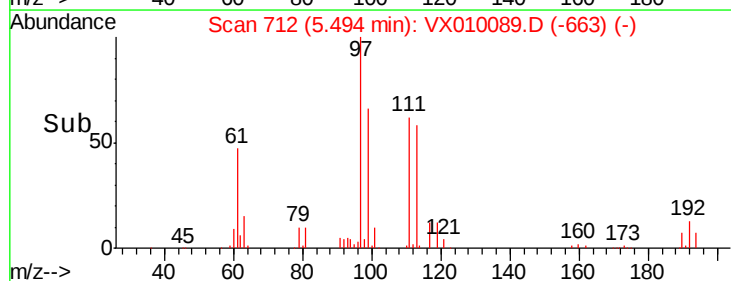
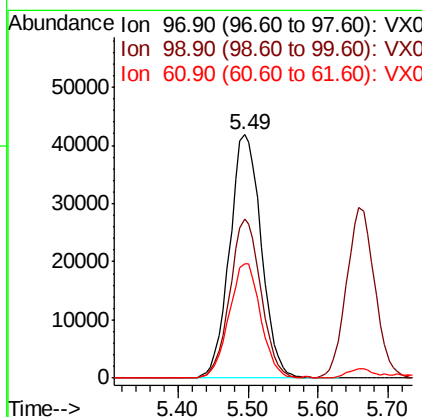
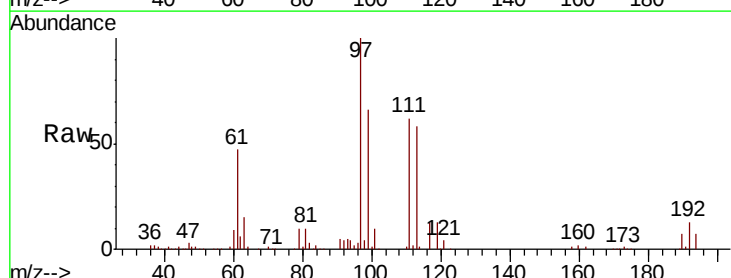
Instrument :
MSVOA_X
ClientSampleId :

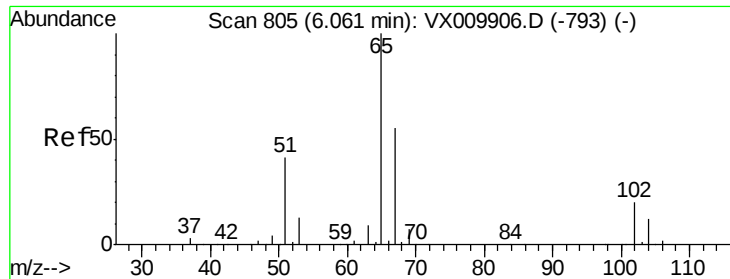
Tot Ion: 56 Resp: 166510
Ion Ratio Lower Upper
56 100
69 29.2 21.6 32.4
84 74.0 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 51.300 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 97 Resp: 131232
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 47.1 38.7 58.1

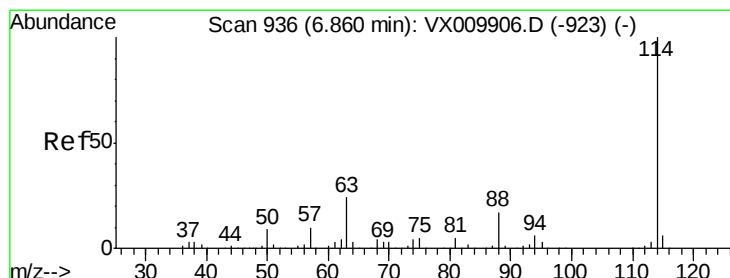
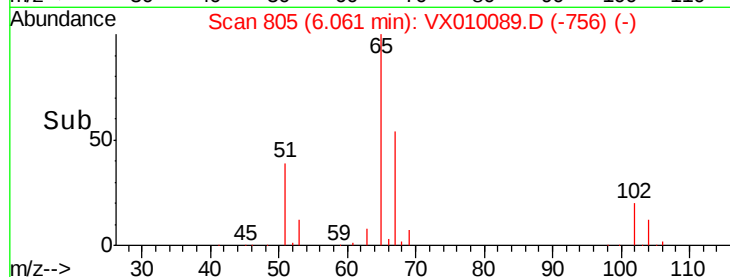
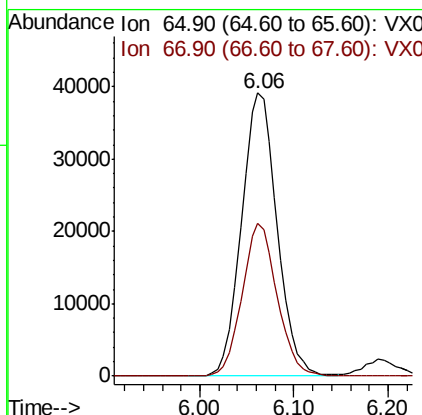
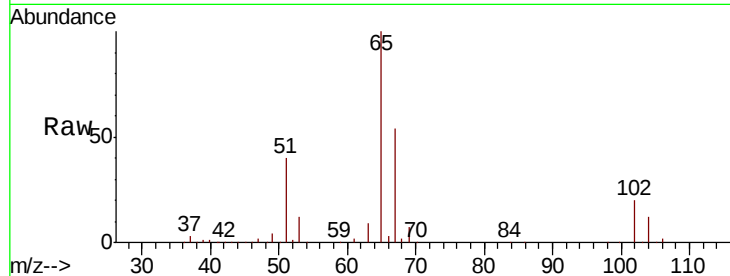




#33
 1,2-Dichloroethane-d4
 Concen: 47.668 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

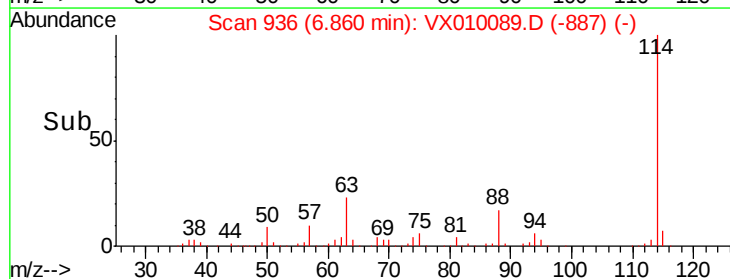
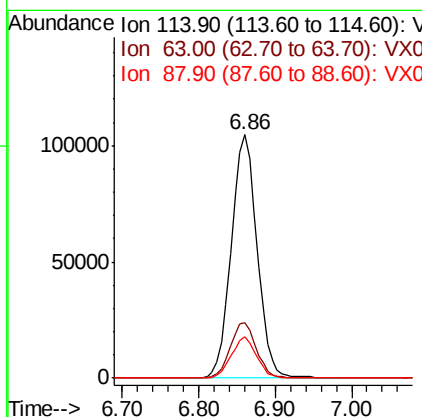
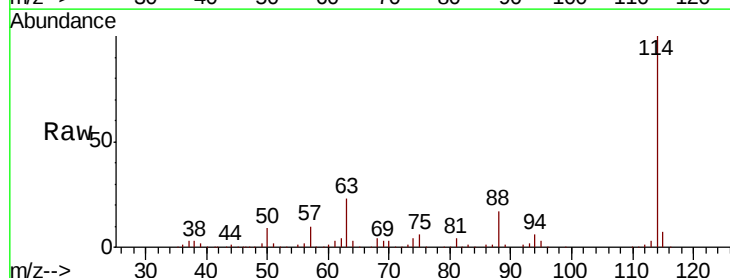
Instrument :
 MSVOA_X
 ClientSampleId :

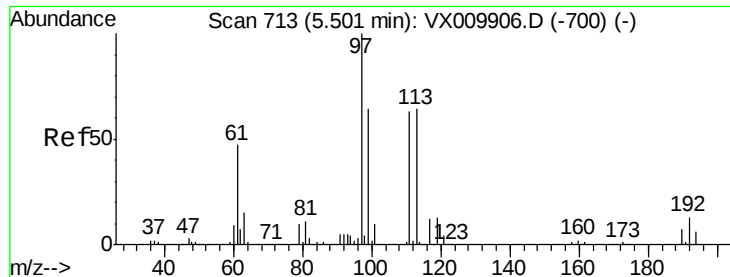
Tot Ion: 65 Resp: 103331
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion: 114 Resp: 244483
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.8 0.0 33.0

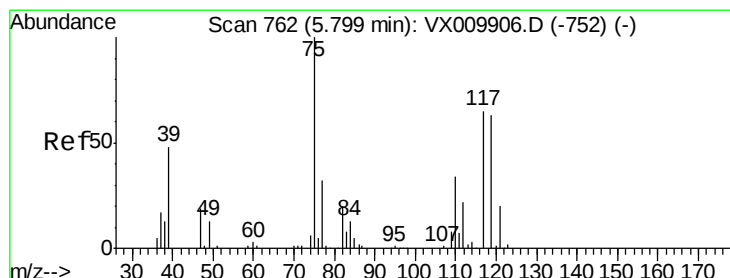
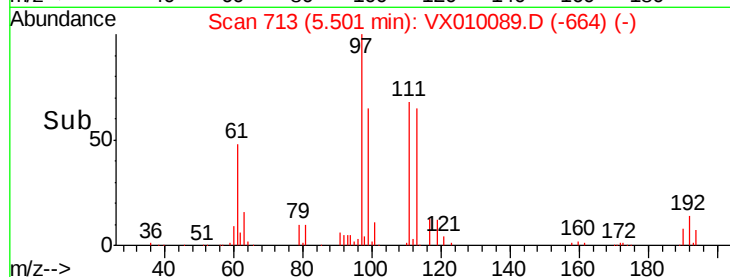
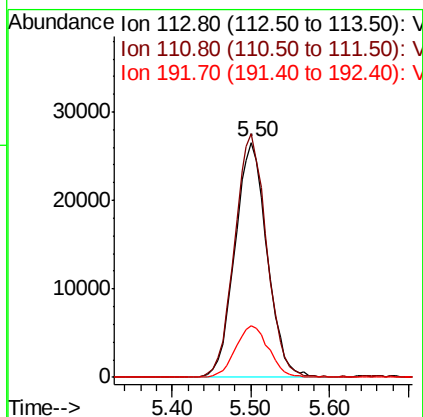
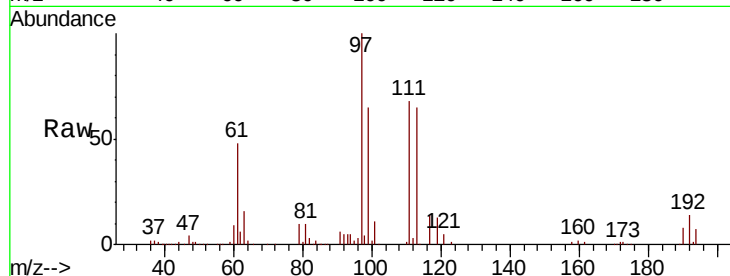




#35
 Dibromofluoromethane
 Concen: 48.942 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

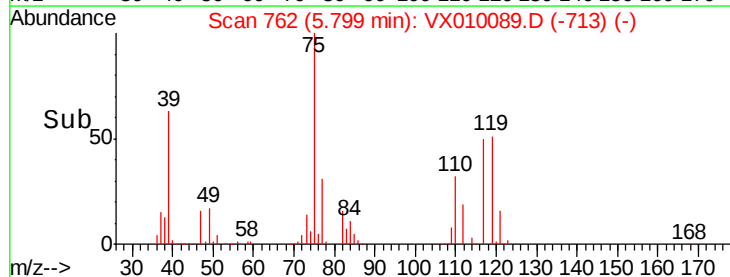
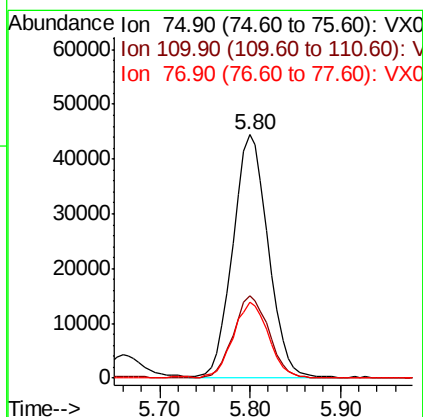
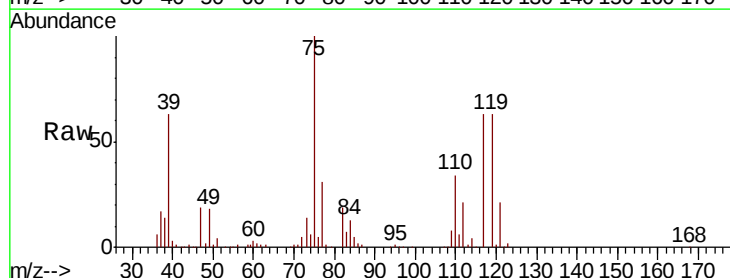
Instrument :
 MSVOA_X
 ClientSampleId :

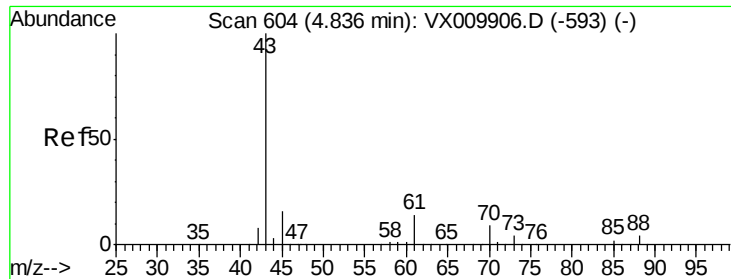
Tot Ion:113 Resp: 75228
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 22.5 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 48.272 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion: 75 Resp: 119741
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.7 50.1
 77 31.5 25.0 37.4

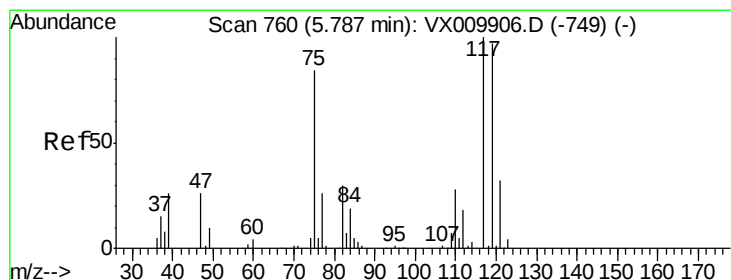
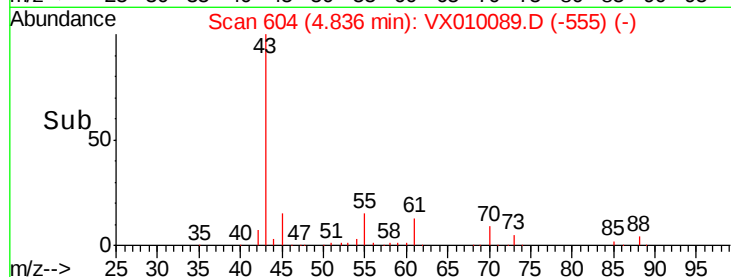
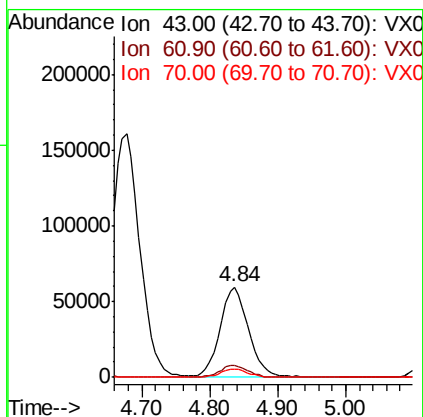
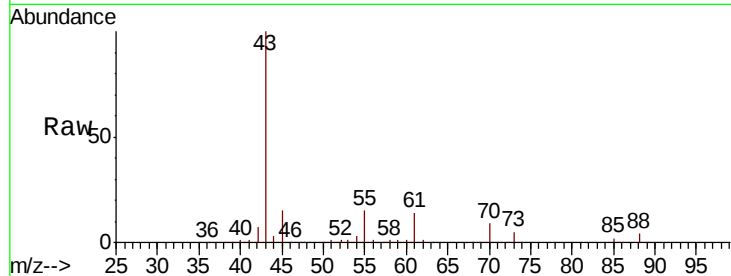




#37
Ethyl Acetate
Concen: 50.053 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

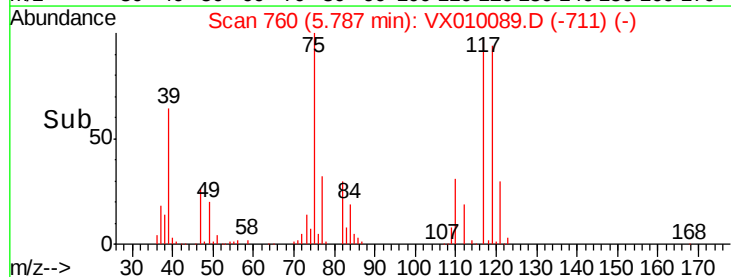
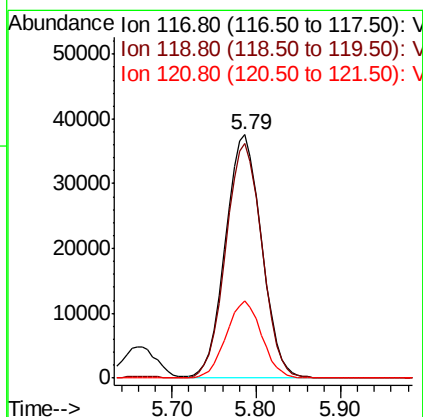
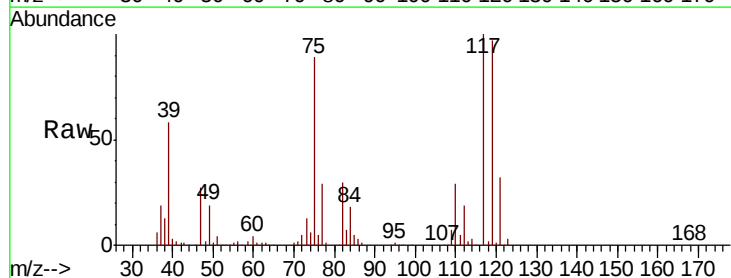
Instrument :
MSVOA_X
ClientSampled :

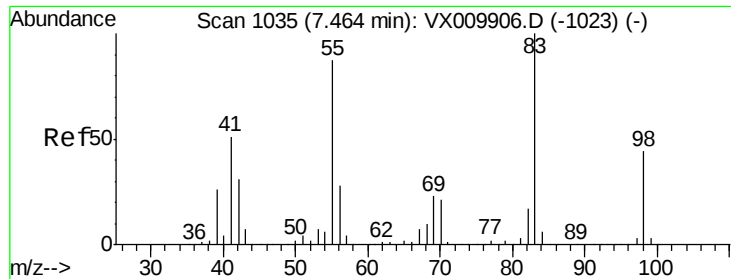
Tot Ion: 43 Resp: 173000
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.2
70 9.3 7.4 11.2



#38
Carbon Tetrachloride
Concen: 51.236 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 117 Resp: 109826
Ion Ratio Lower Upper
117 100
119 96.5 77.3 115.9
121 31.6 25.4 38.0

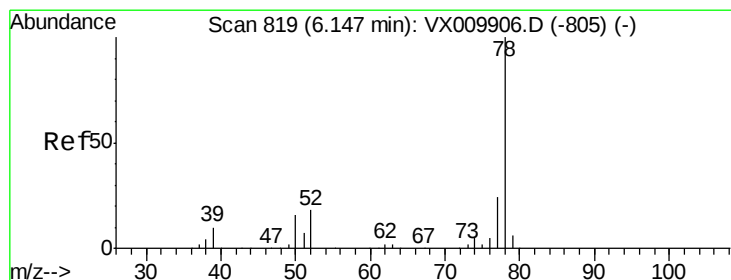
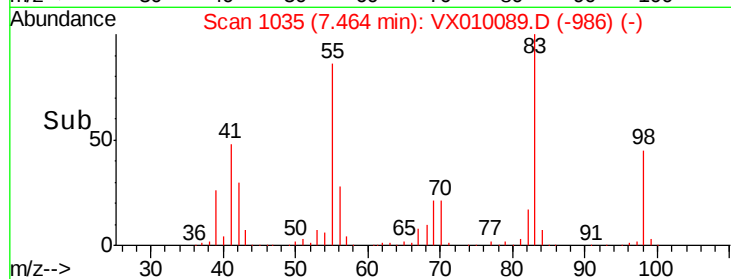
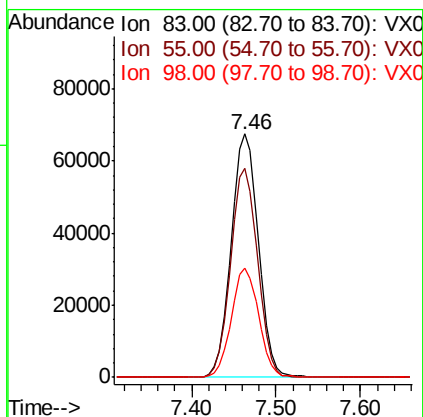
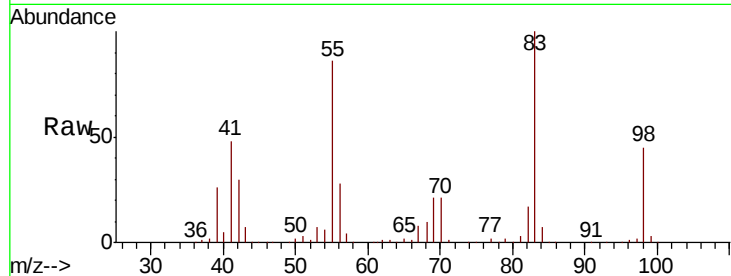




#39
Methvlcvclohexane
Concen: 49.942 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

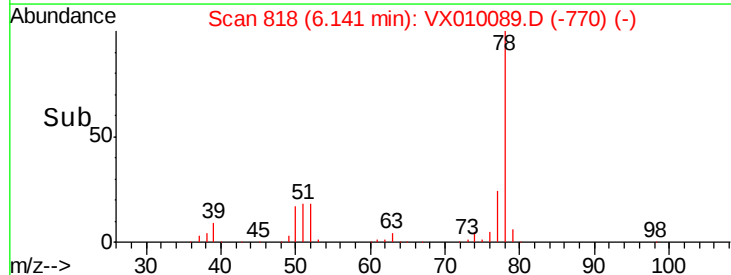
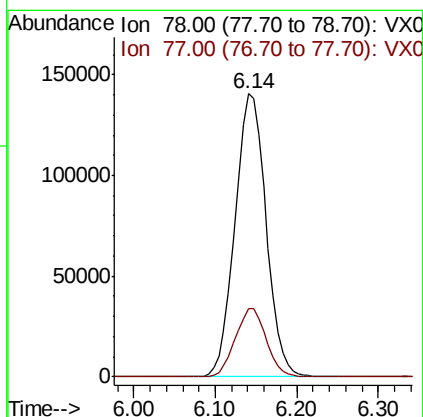
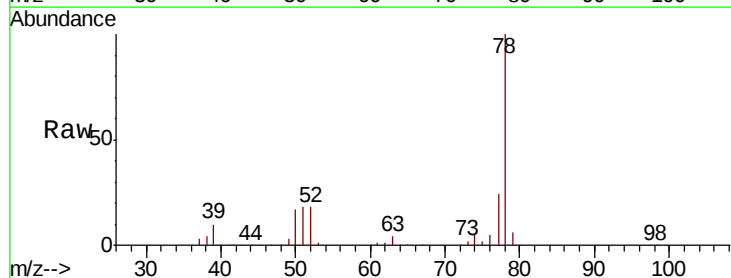
Instrument :
MSVOA_X
ClientSampled :

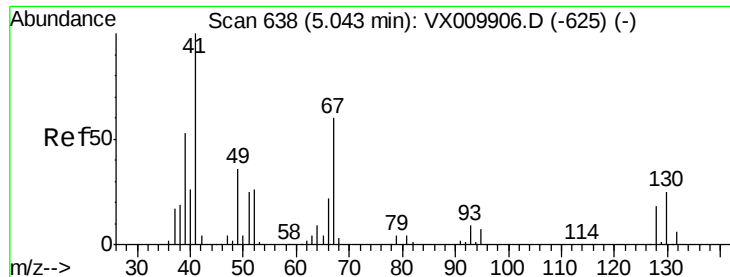
Tot Ion: 83 Resp: 146948
Ion Ratio Lower Upper
83 100
55 85.8 69.9 104.9
98 45.1 35.1 52.7



#40
Benzene
Concen: 50.404 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 78 Resp: 370900
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

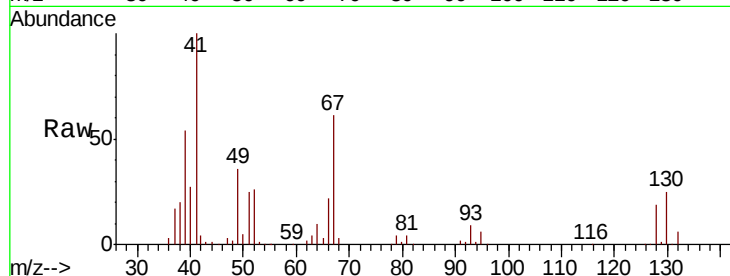




#41
Methacrylonitrile
Concen: 48.493 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	97940
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.2	63.4
67	62.5	48.9	73.3
52	25.4	20.1	30.1



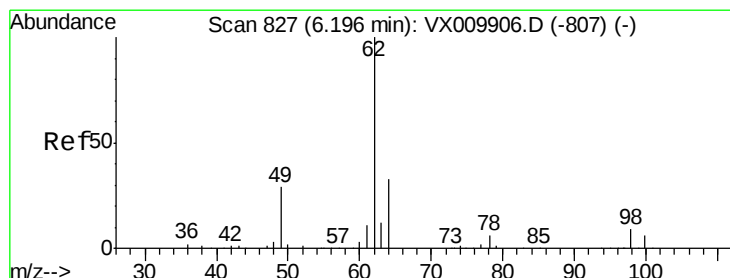
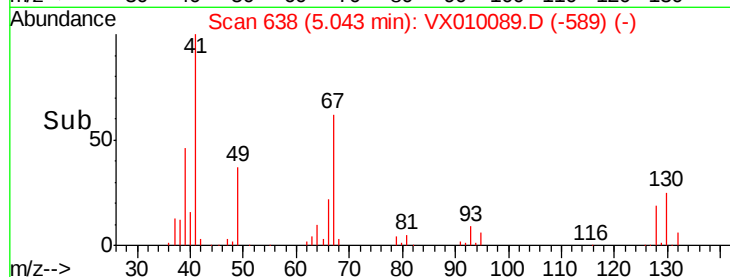
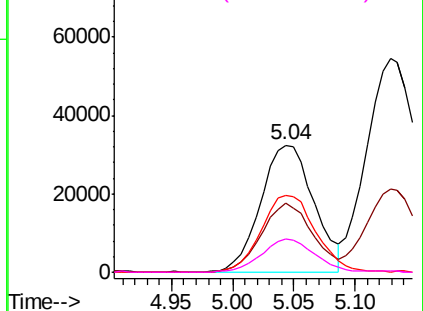
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

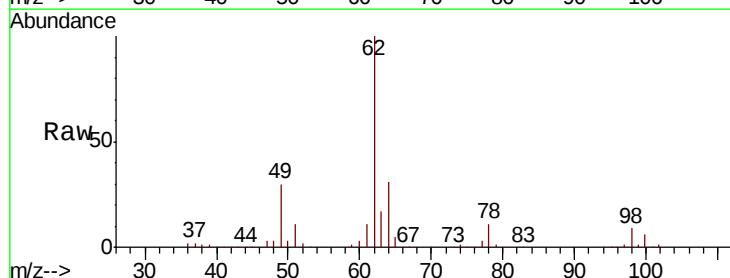
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.608 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

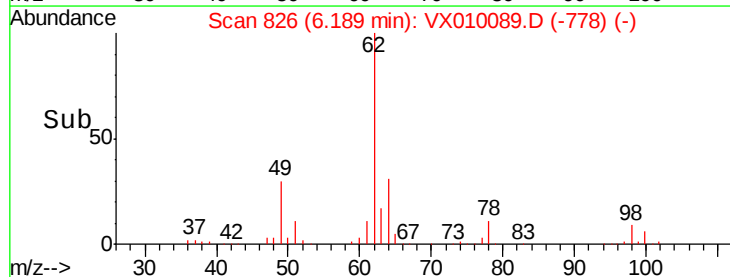
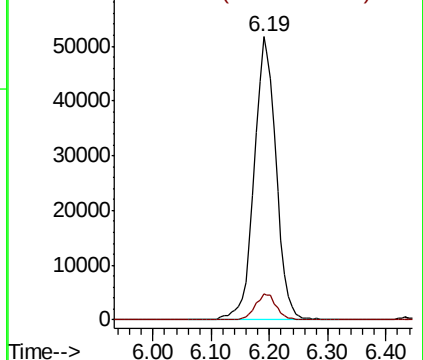
Tgt Ion:	62	Resp:	134954
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

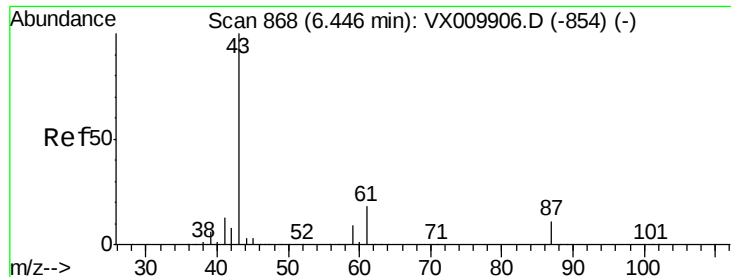


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



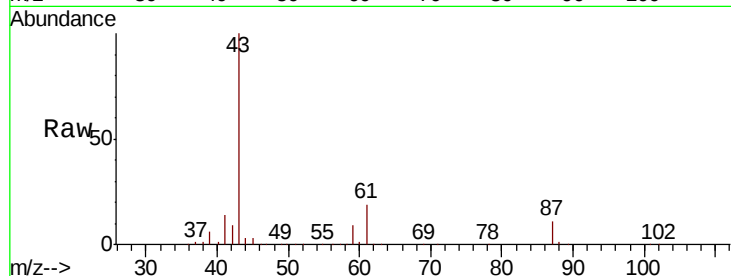


#43

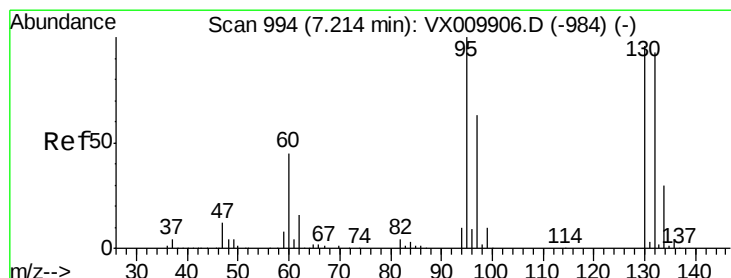
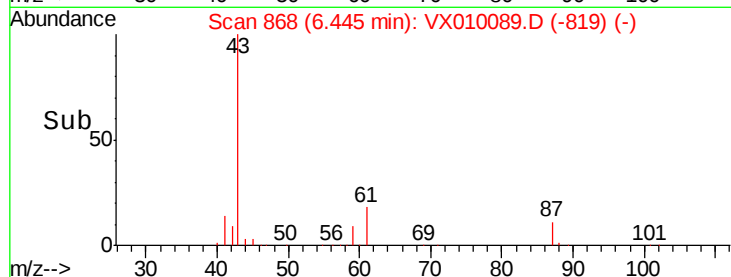
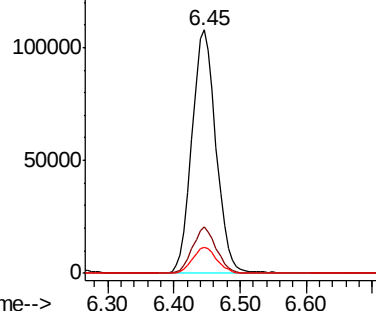
Isopropyl Acetate
 Concen: 48.528 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 270640
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.6 21.8
 87 11.1 8.7 13.1



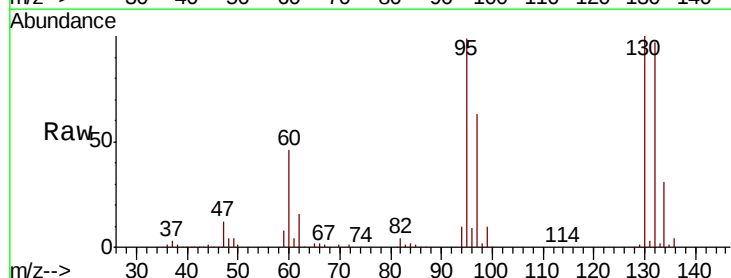
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



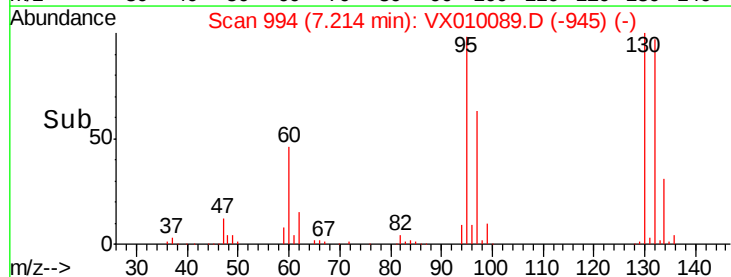
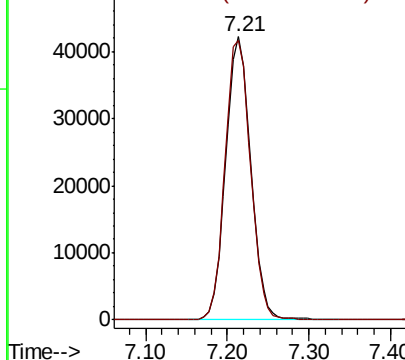
#44

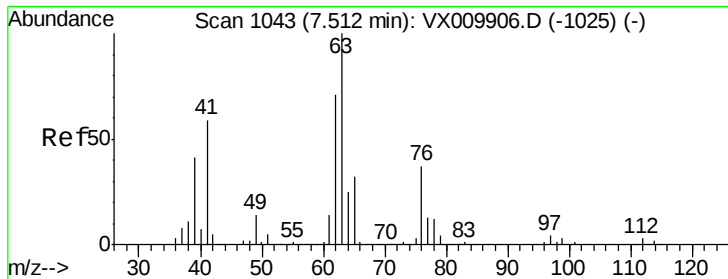
Trichloroethene
 Concen: 50.079 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion:130 Resp: 89511
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 49.012 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

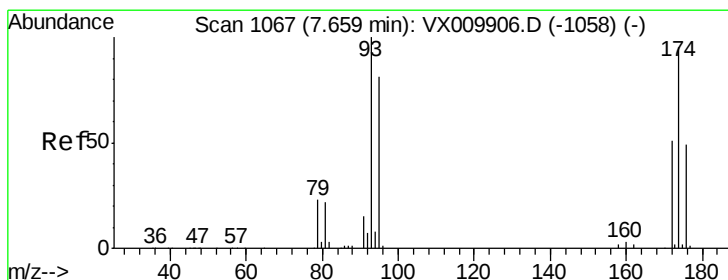
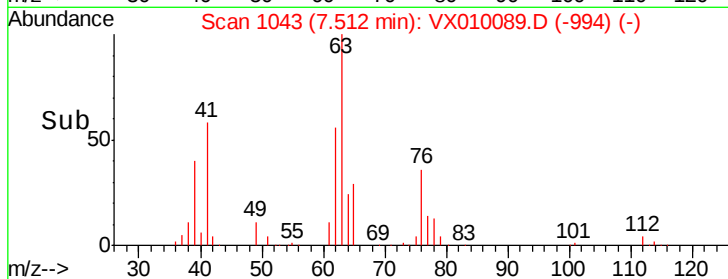
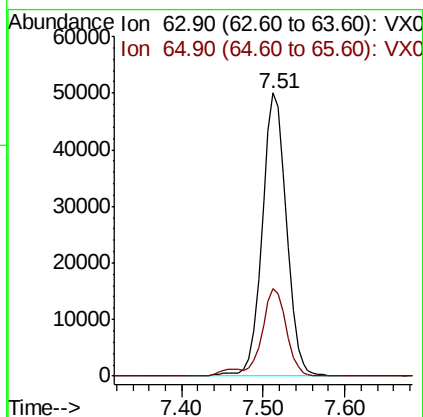
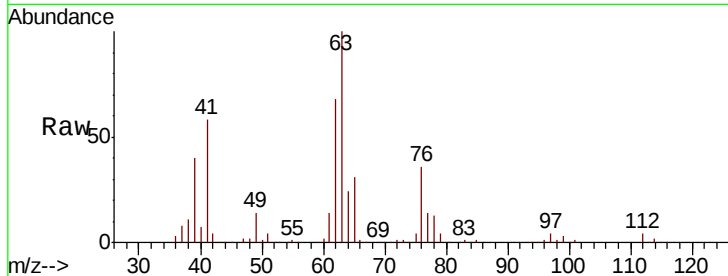
ClientSampleId :

Tot Ion: 63 Resp: 103820

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 48.212 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

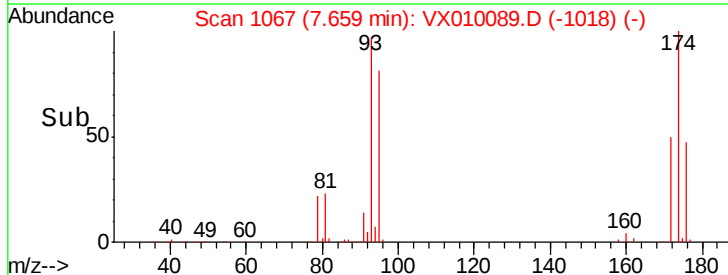
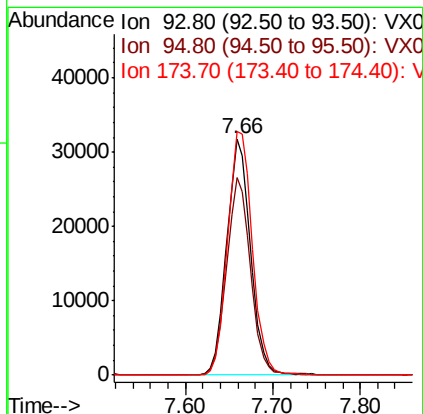
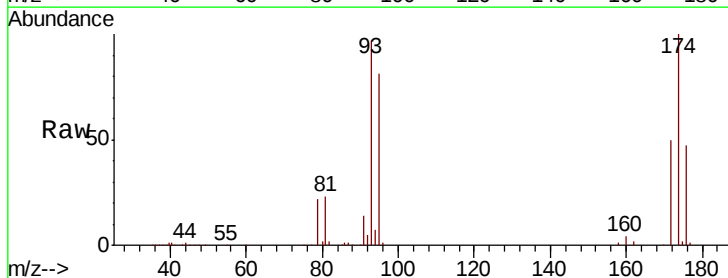
Tgt Ion: 93 Resp: 60114

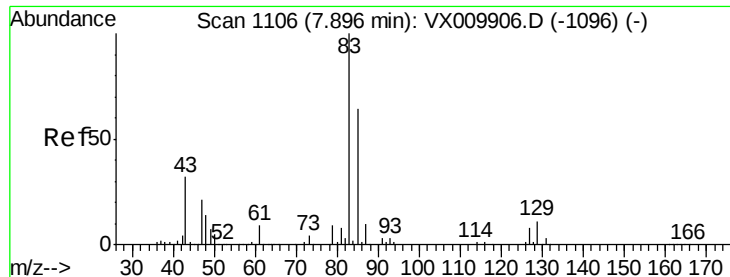
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 107.5 81.9 122.9





#47

Bromodichloromethane

Concen: 51.139 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

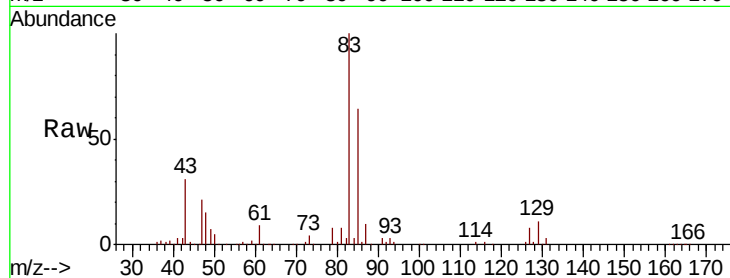
Tot Ion: 83 Resp: 121253

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

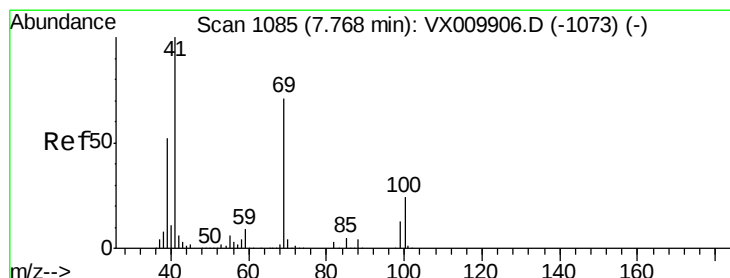
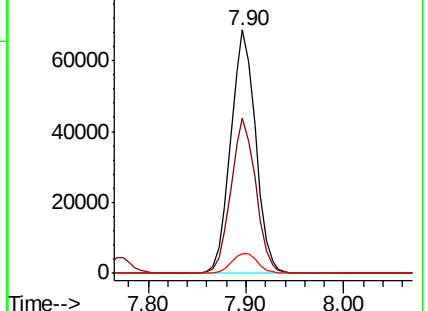
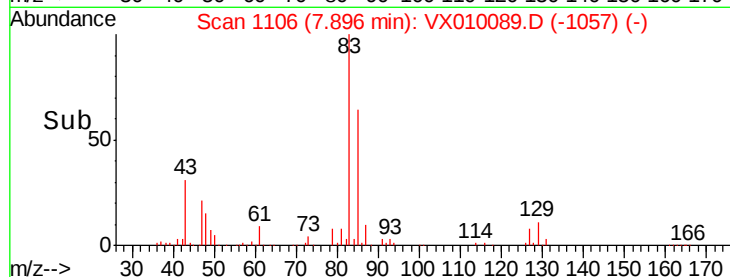
127 7.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.492 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

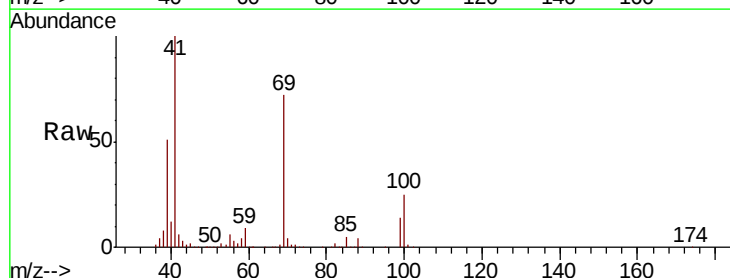
Tgt Ion: 41 Resp: 139397

Ion Ratio Lower Upper

41 100

69 71.1 56.4 84.6

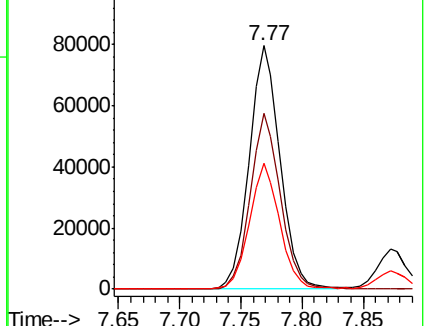
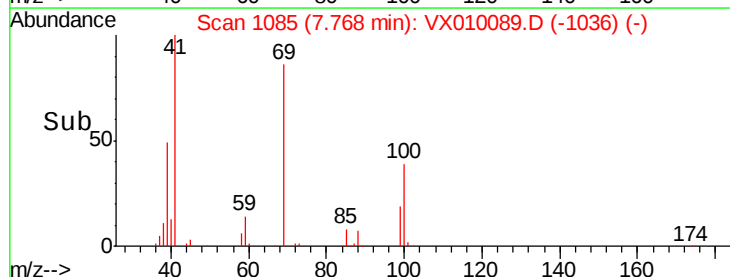
39 50.5 40.6 60.8

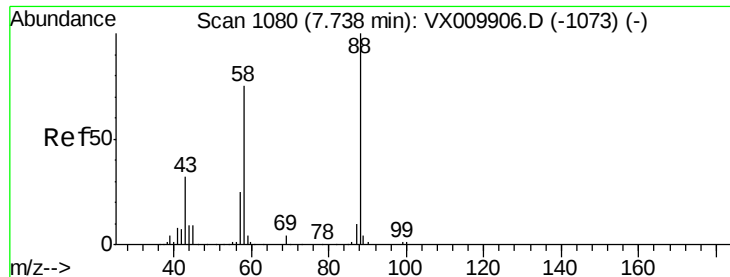


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

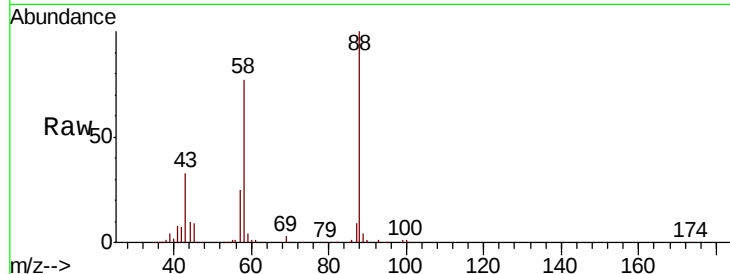




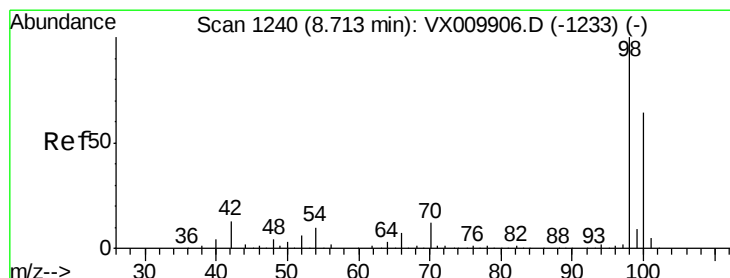
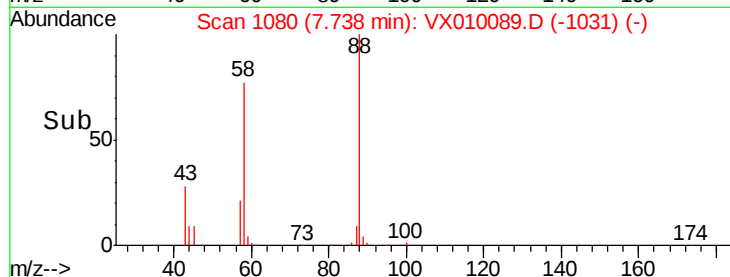
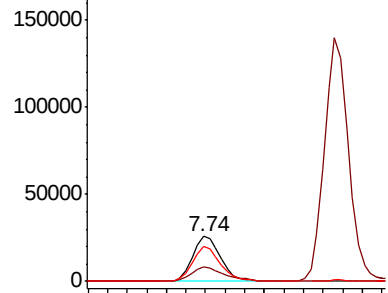
#49
 1,4-Dioxane
 Concen: 1000.107 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	88	Resp	51359
Ion	Ratio	Lower	Upper
88	100		
43	36.4	30.2	45.4
58	77.9	64.0	96.0

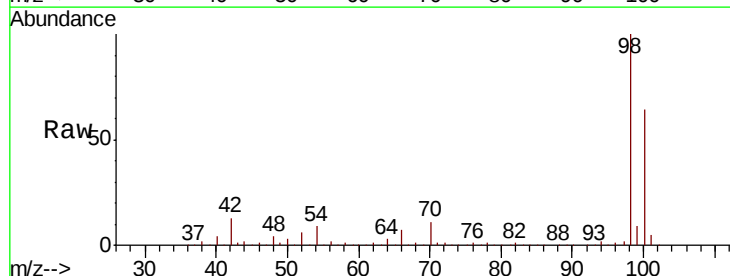


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

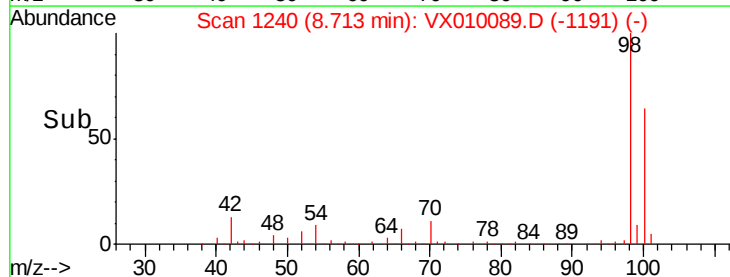
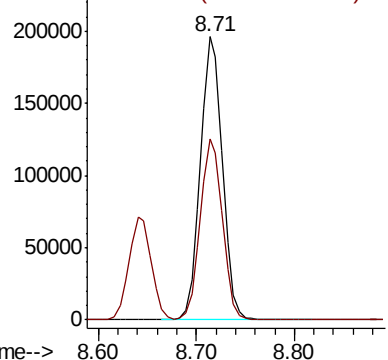


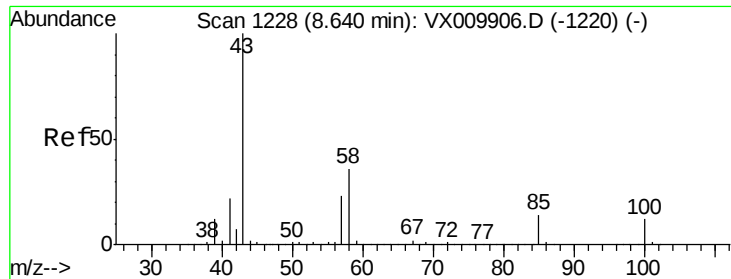
#50
 Toluene-d8
 Concen: 48.909 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	98	Resp	305274
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3



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





#51

4-Methyl-2-Pentanone

Concen: 252.072 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

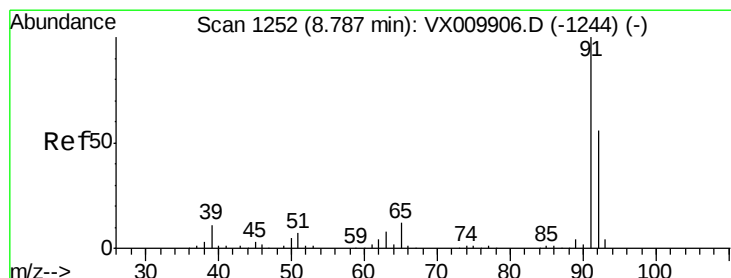
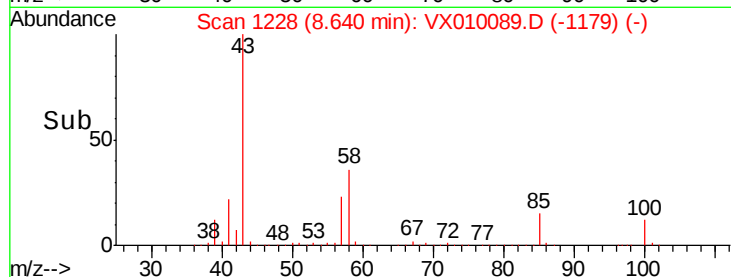
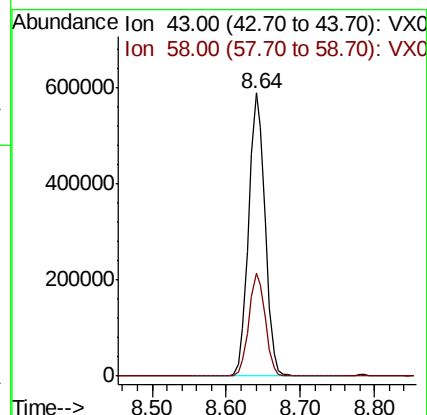
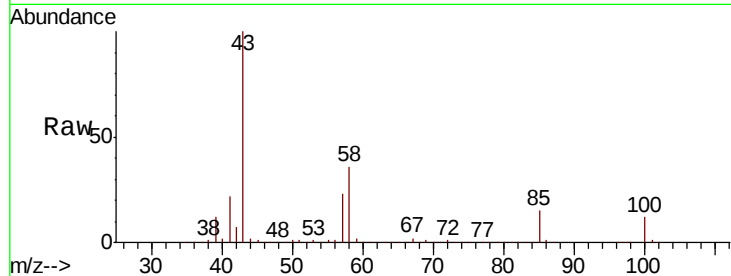
ClientSampleId :

Tot Ion: 43 Resp: 914491

Ion Ratio Lower Upper

43 100

58 36.1 28.8 43.2



#52

Toluene

Concen: 51.151 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010089.D

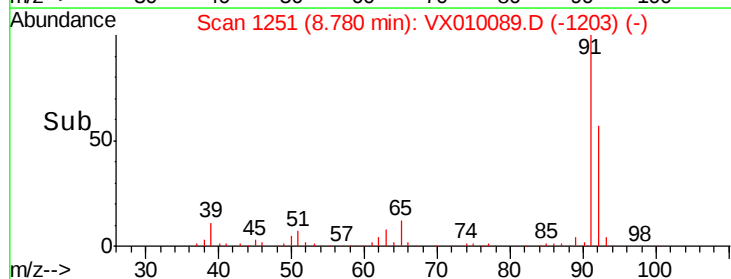
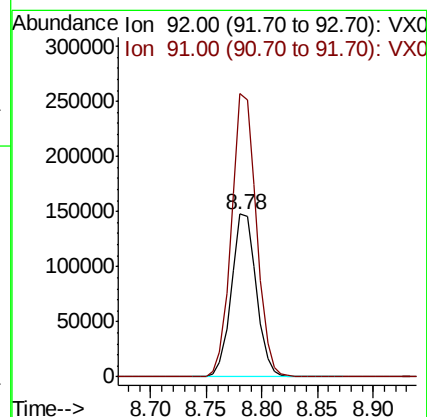
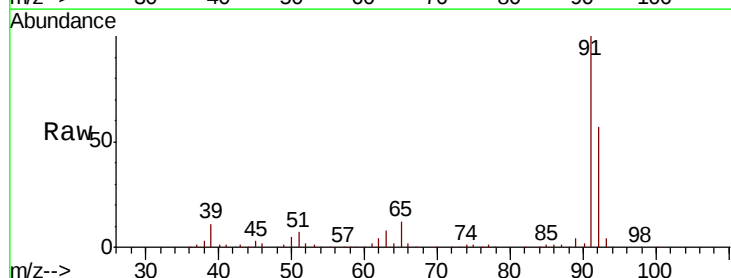
Acq: 05 Jun 2019 19:58

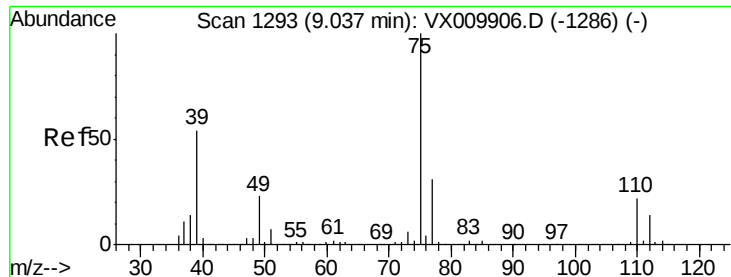
Tgt Ion: 92 Resp: 228533

Ion Ratio Lower Upper

92 100

91 174.3 139.9 209.9

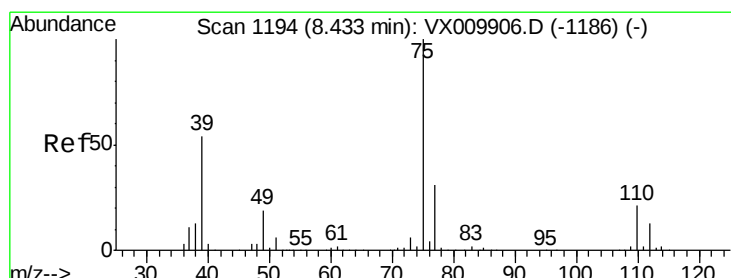
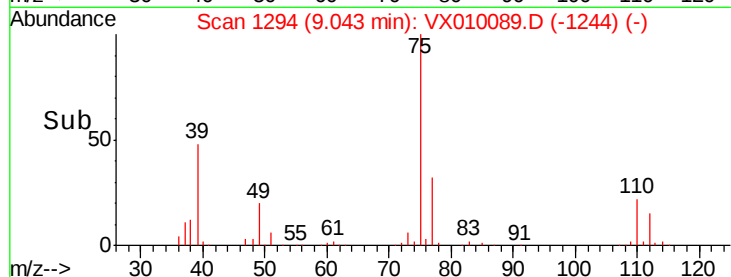
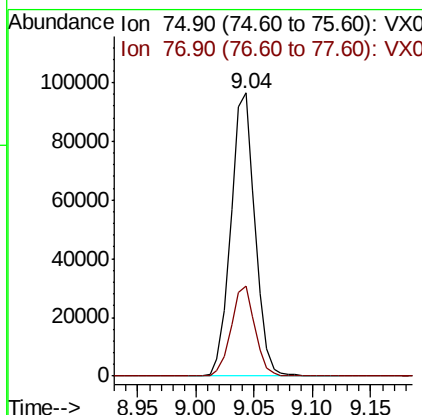
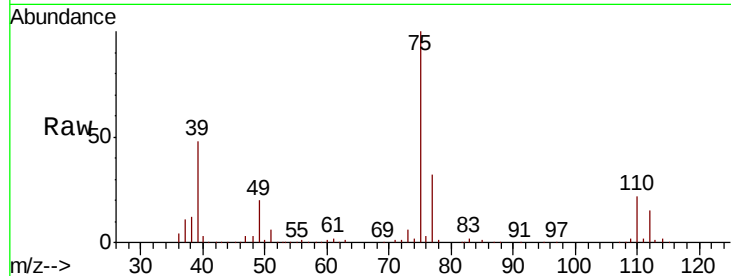




#53
t-1,3-Dichloropropene
Concen: 48.940 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

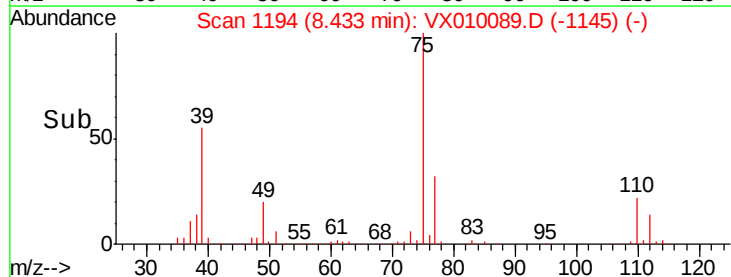
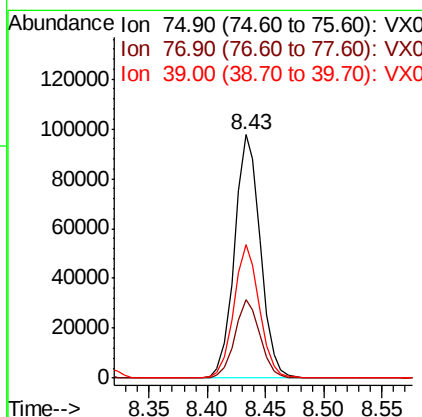
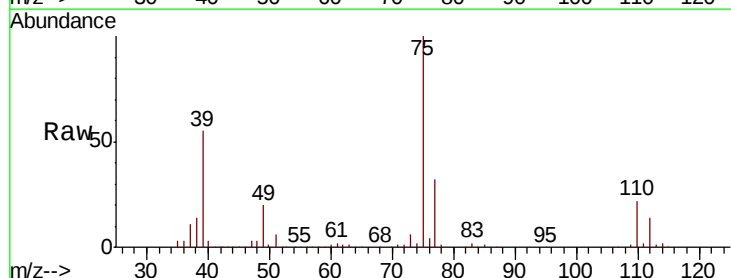
Instrument :
MSVOA_X
ClientSampled :

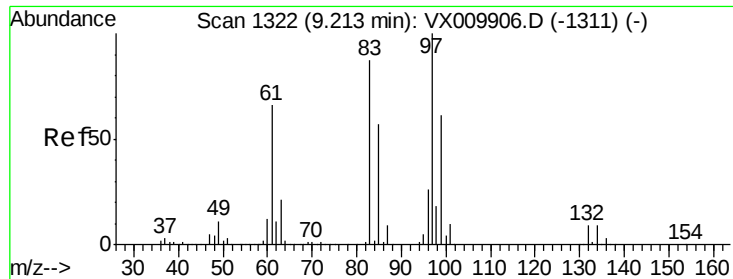
Tot Ion: 75 Resp: 139166
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 48.737 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 75 Resp: 151000
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 54.7 43.4 65.0



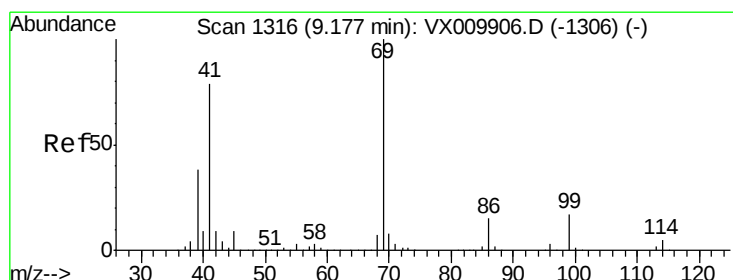
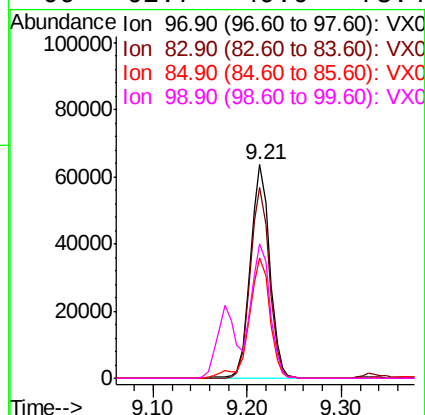
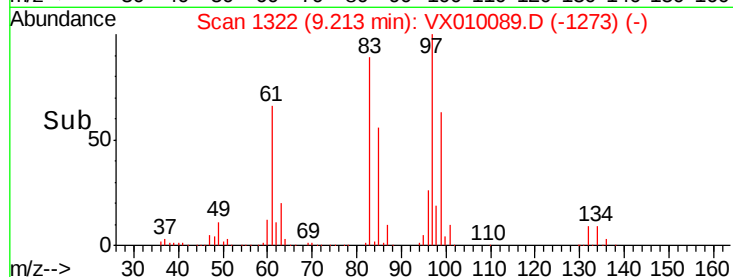
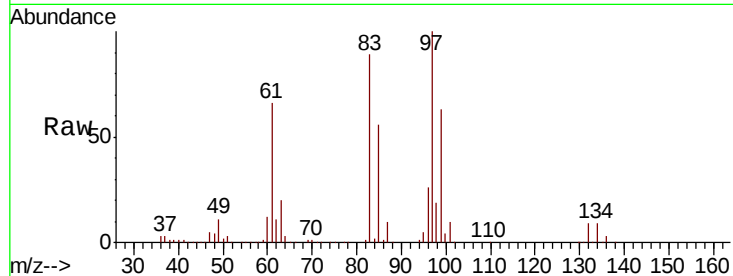


#55
 1,1,2-Trichloroethane
 Concen: 50.447 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 90716

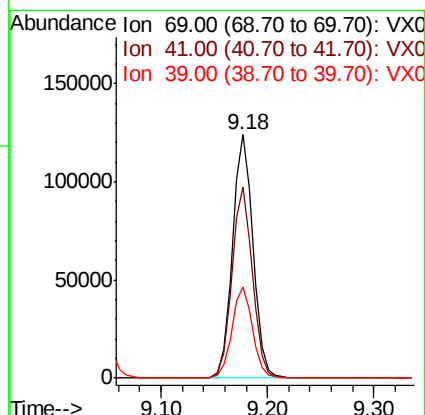
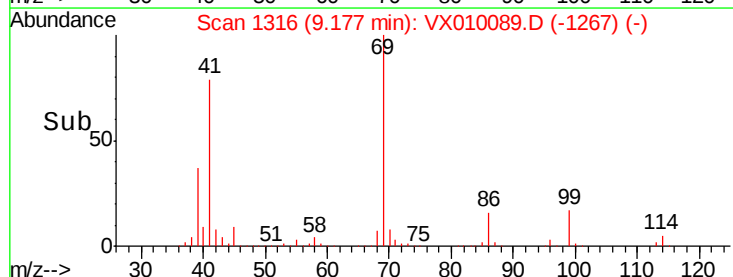
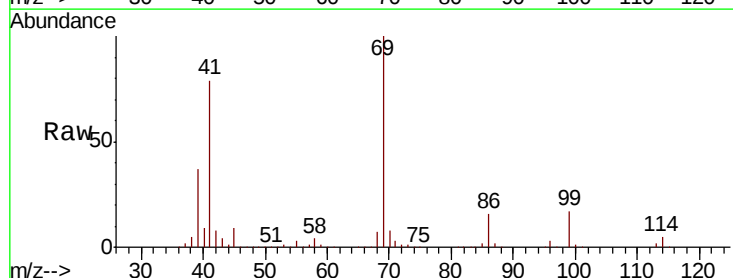
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.8	104.8
85	56.3	45.3	67.9
99	62.7	49.0	73.4

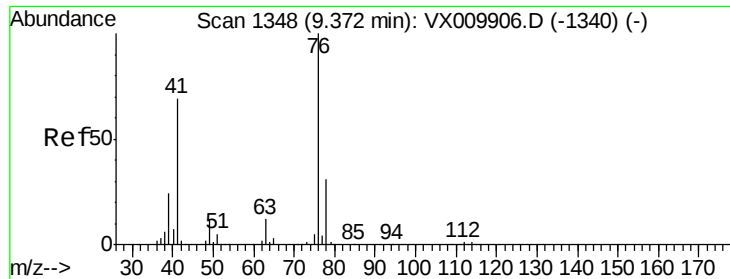


#56
 Ethyl methacrylate
 Concen: 52.364 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion: 69 Resp: 167638

Ion	Ratio	Lower	Upper
69	100		
41	78.3	62.7	94.1
39	37.4	29.5	44.3





#57

1,3-Dichloropropane

Concen: 49.933 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

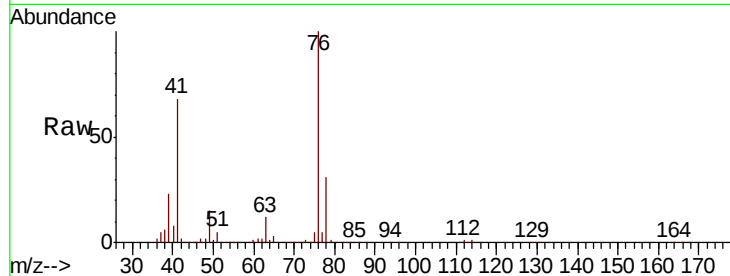
ClientSampleId :

Tot Ion: 76 Resp: 161254

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

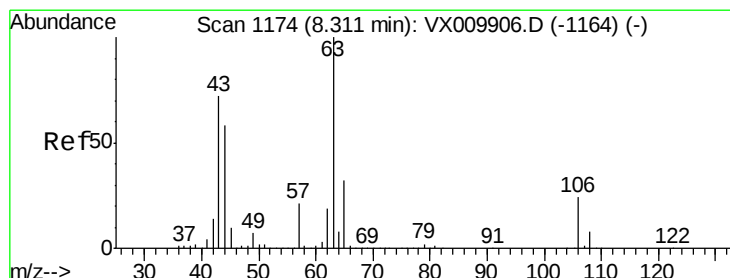
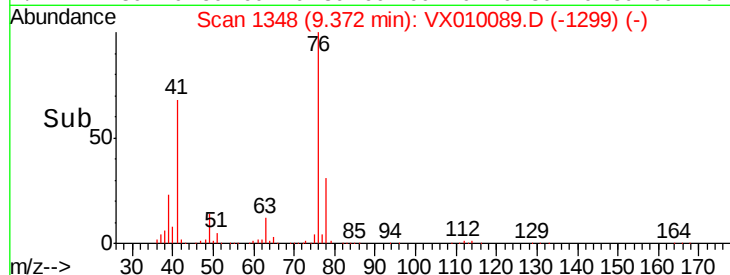
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.019 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010089.D

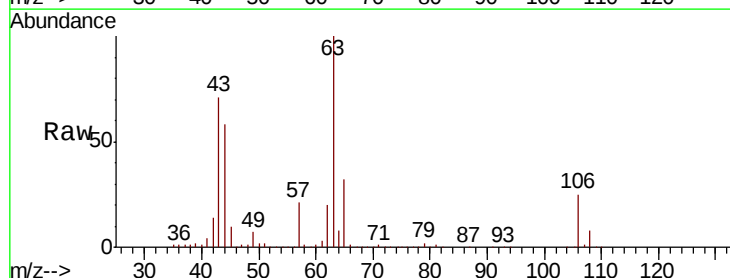
Acq: 05 Jun 2019 19:58

Tgt Ion: 63 Resp: 411323

Ion Ratio Lower Upper

63 100

106 24.8 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

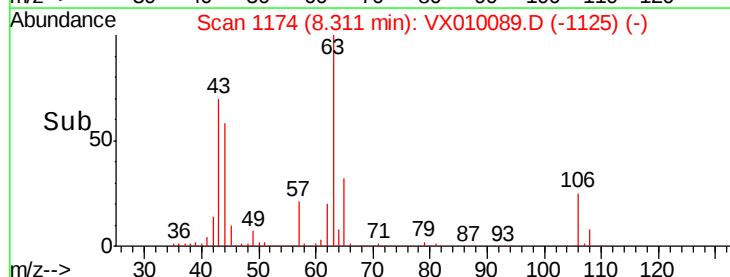
150000

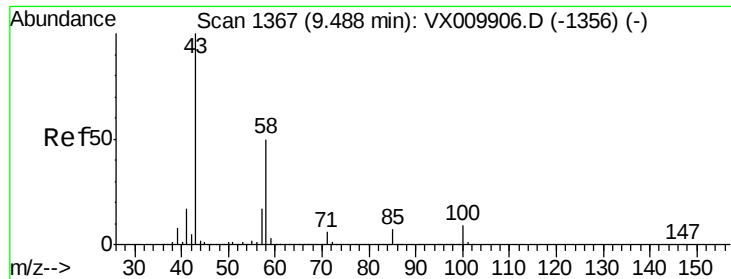
100000

50000

0

Time-->

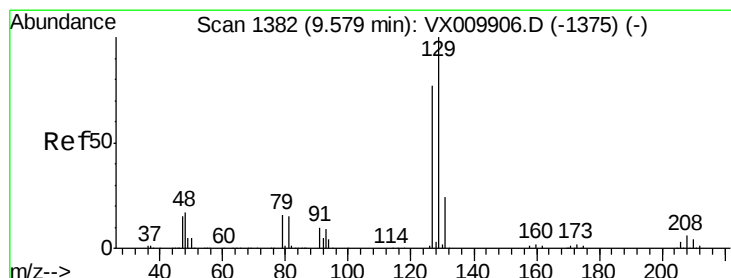
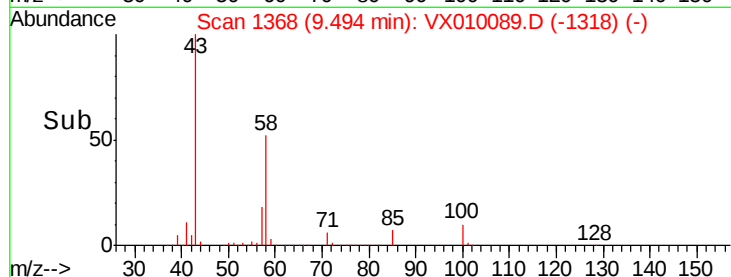
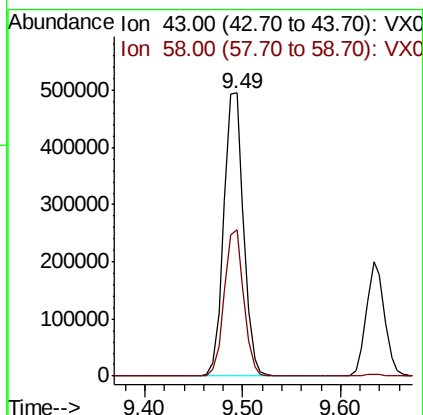
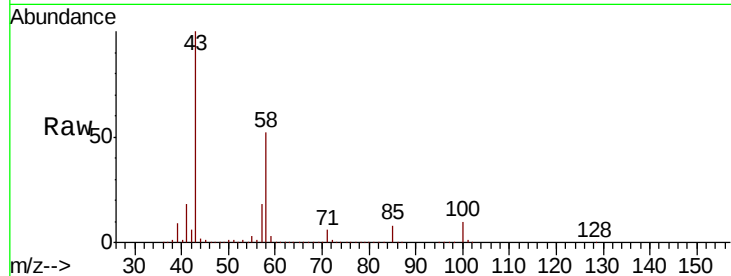




#59
2-Hexanone
Concen: 248.946 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

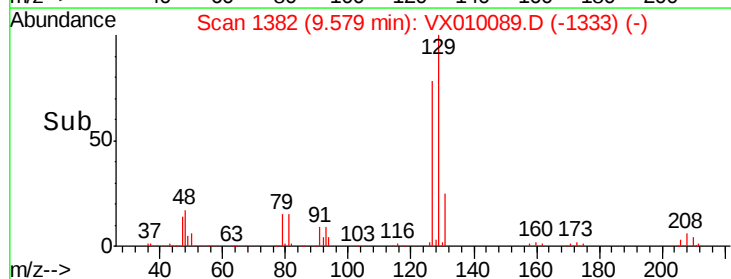
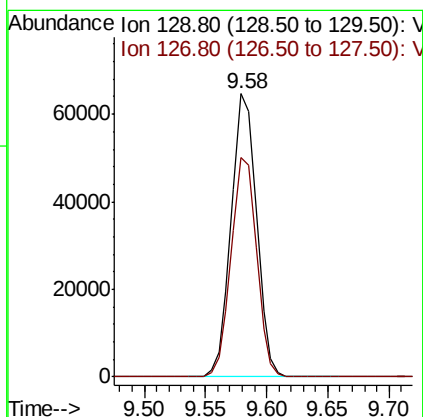
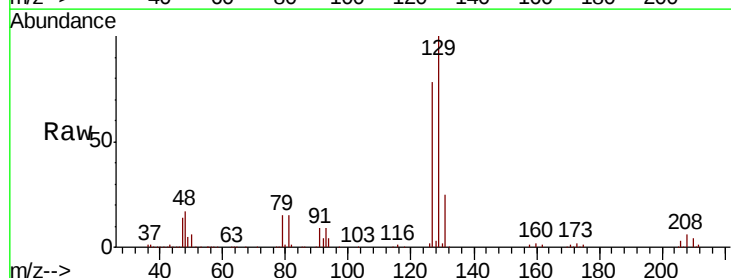
Instrument :
MSVOA_X
ClientSampleId :

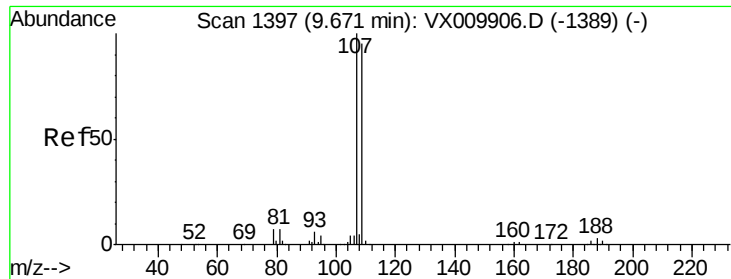
Tot Ion: 43 Resp: 695339
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3



#60
Dibromochloromethane
Concen: 52.519 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion:129 Resp: 92901
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.845 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

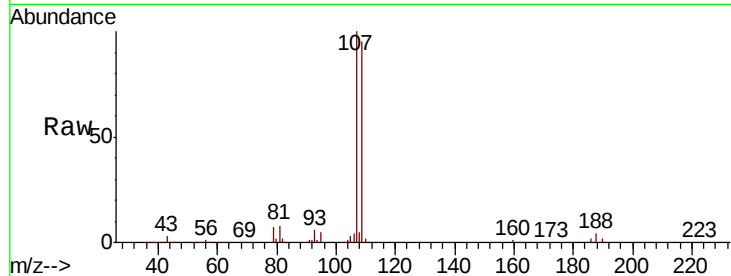
ClientSampleId :

Tot Ion:107 Resp: 93931

Ion Ratio Lower Upper

107 100

109 94.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

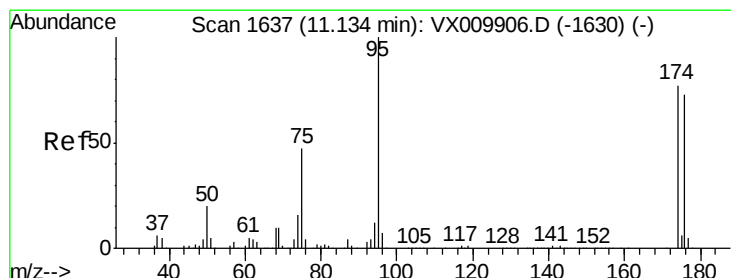
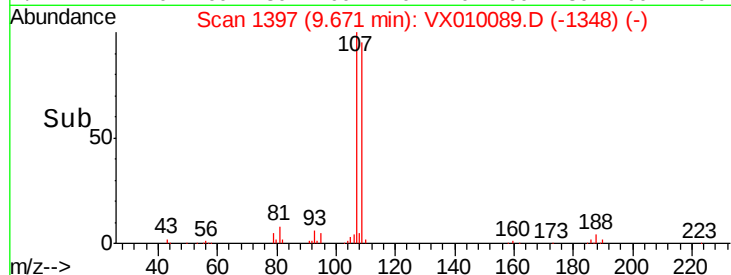
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.039 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

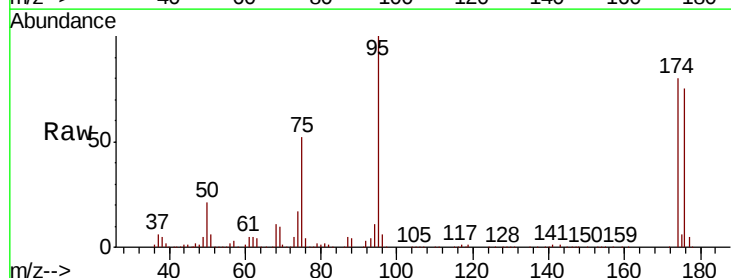
Tgt Ion: 95 Resp: 112183

Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.4

176 80.5 0.0 154.6



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

120000

100000

80000

60000

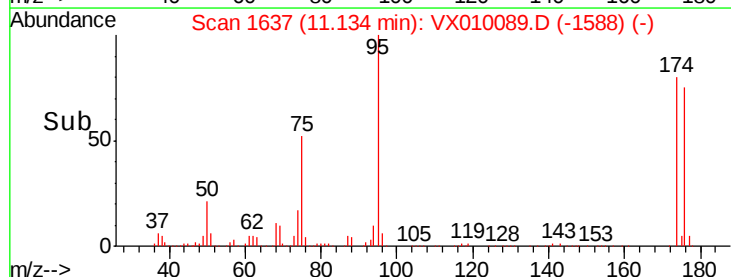
40000

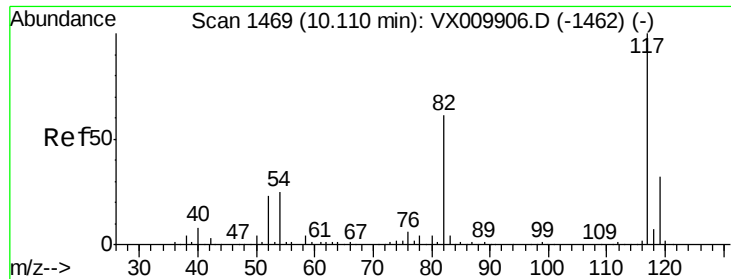
20000

0

Time-->

11.10 11.20

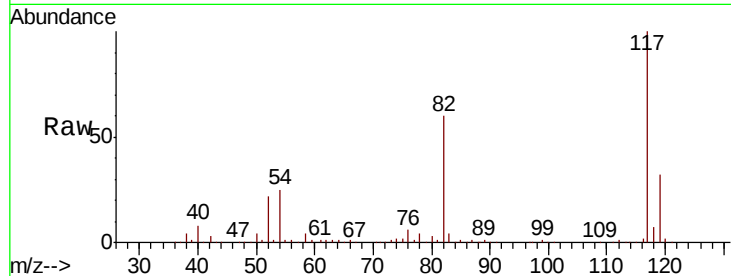




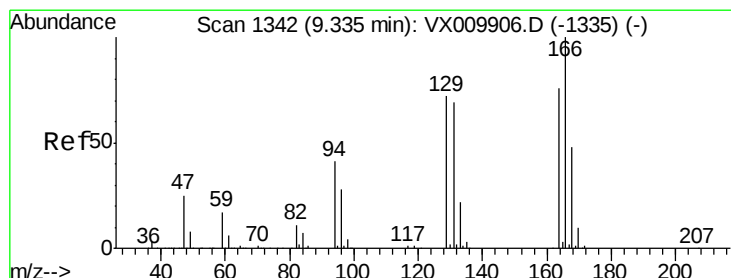
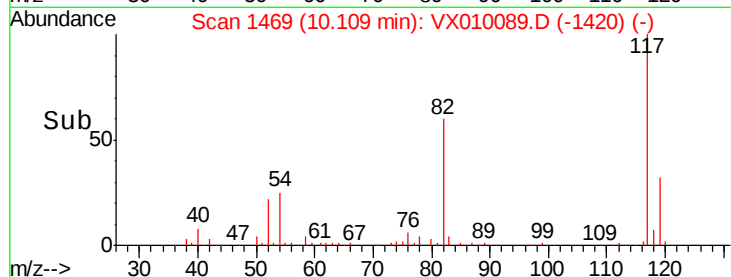
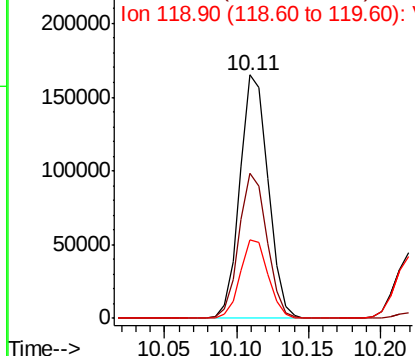
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 224896
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 32.5 25.2 37.8

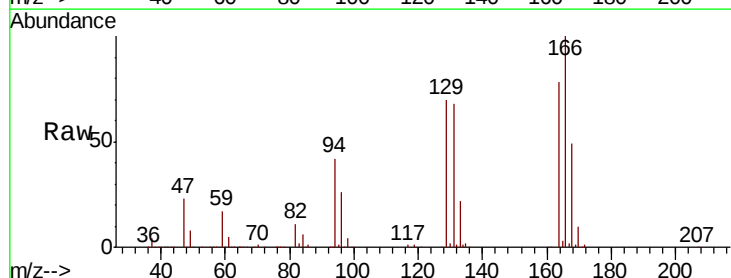


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

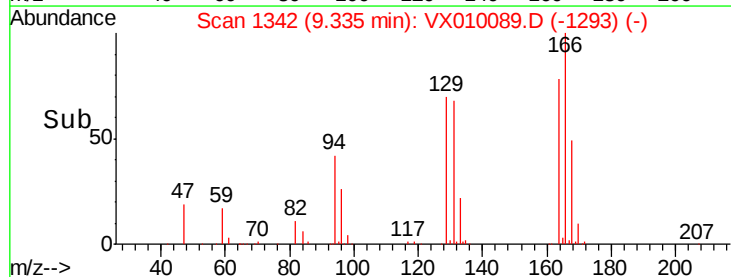
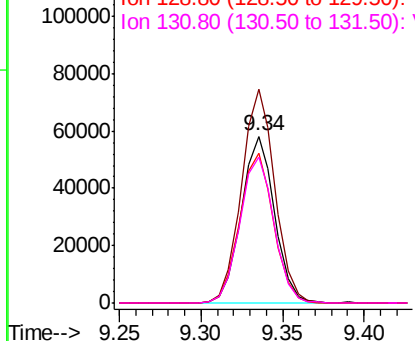


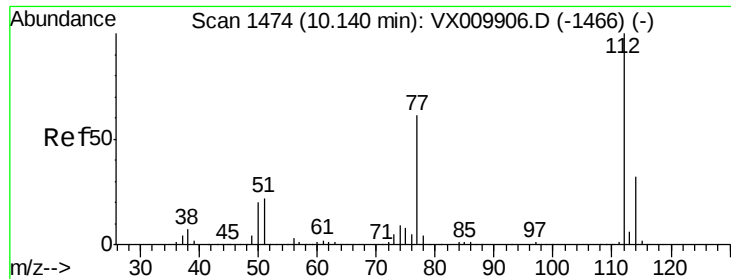
#64
Tetrachloroethene
Concen: 52.516 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion:164 Resp: 82497
Ion Ratio Lower Upper
164 100
166 128.2 105.0 157.4
129 89.7 75.1 112.7
131 87.6 72.2 108.4



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

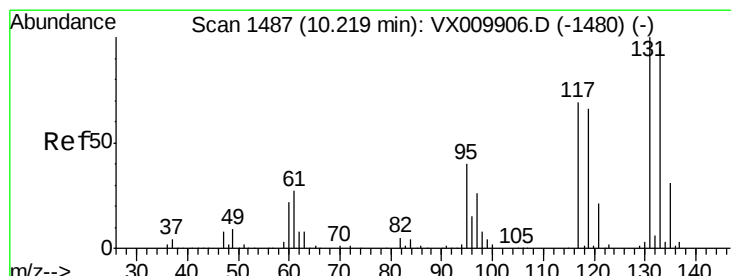
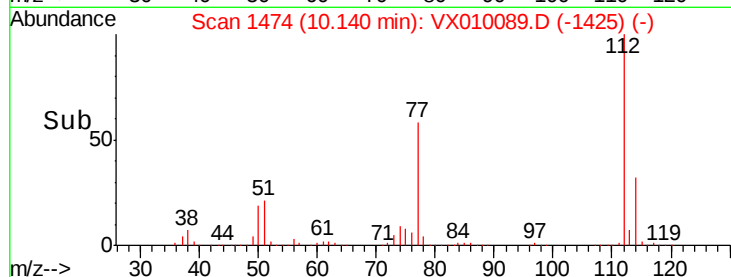
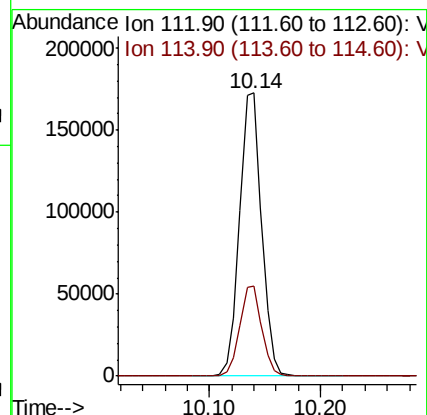
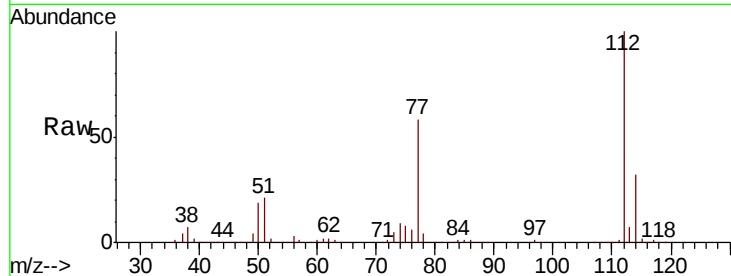




#65
Chlorobenzene
Concen: 50.349 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

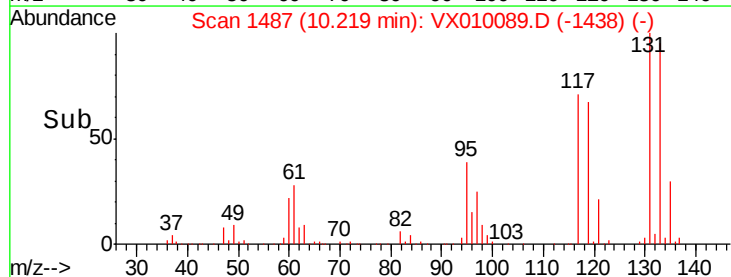
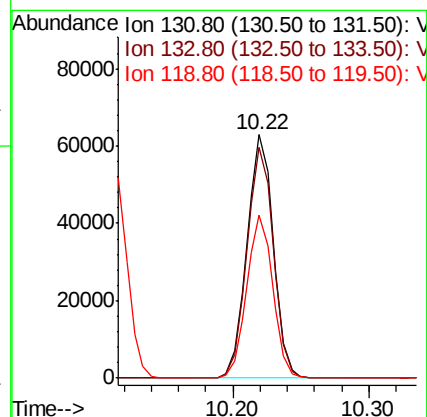
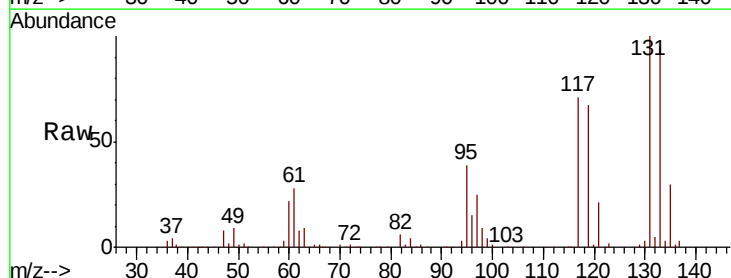
Instrument :
MSVOA_X
ClientSampleId :

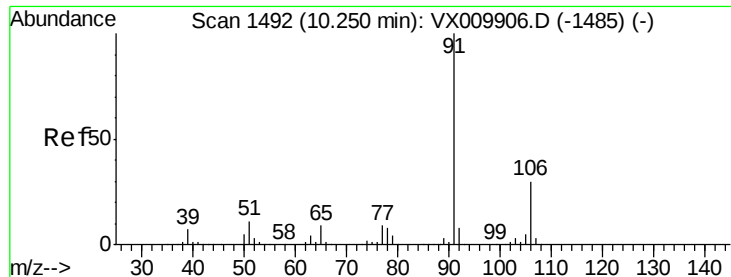
Tot Ion:112 Resp: 237054
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.069 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion:131 Resp: 85028
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.3 33.4 100.1

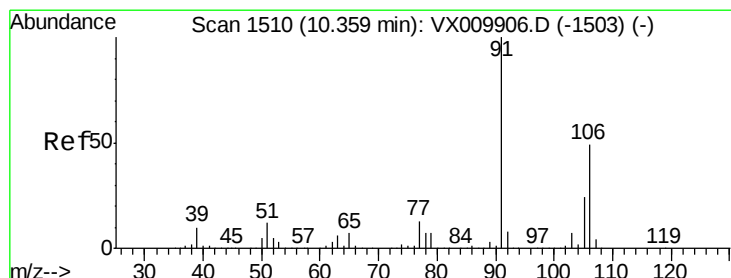
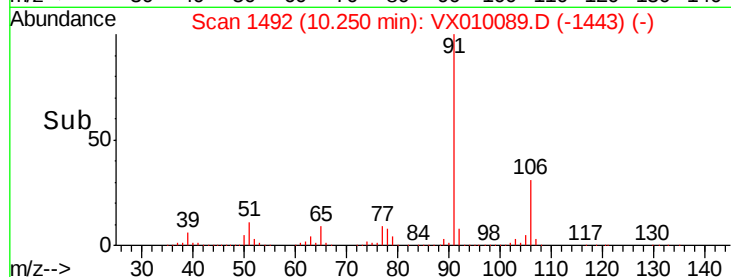
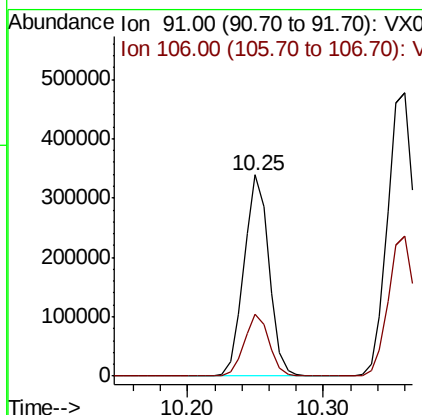
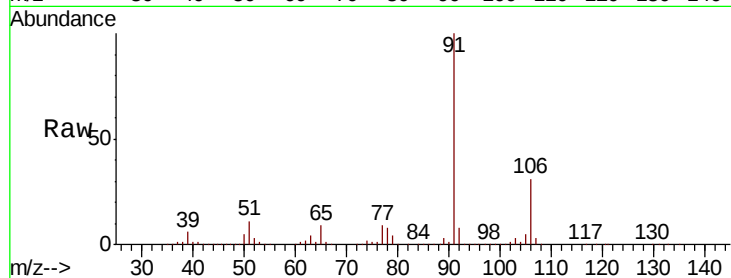




#67
Ethyl Benzene
Concen: 51.468 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

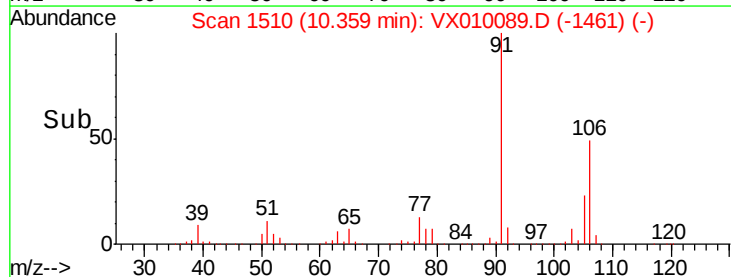
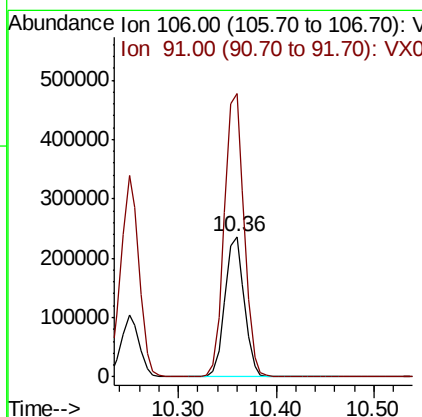
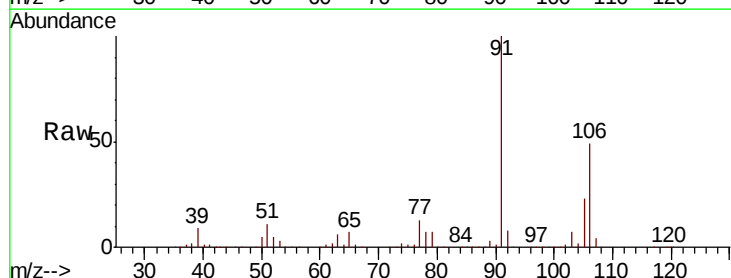
Instrument :
MSVOA_X
ClientSampled :

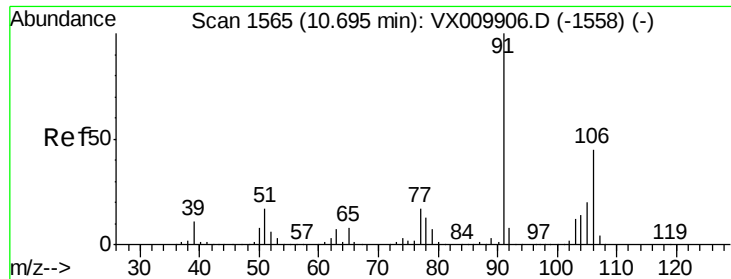
Tot Ion: 91 Resp: 435092
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9



#68
m/p-Xylenes
Concen: 103.227 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 106 Resp: 322388
Ion Ratio Lower Upper
106 100
91 207.3 167.3 250.9

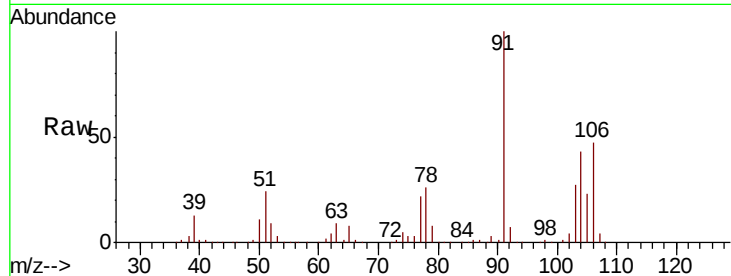




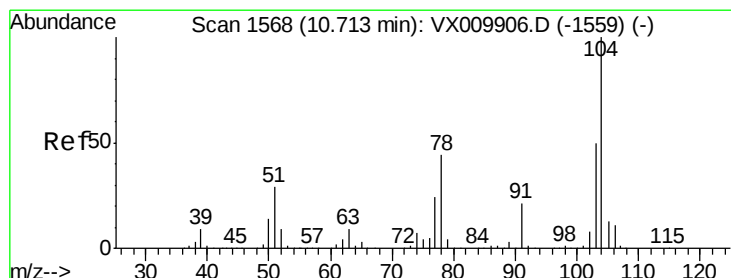
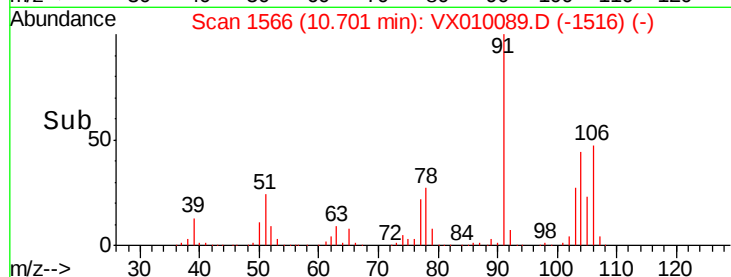
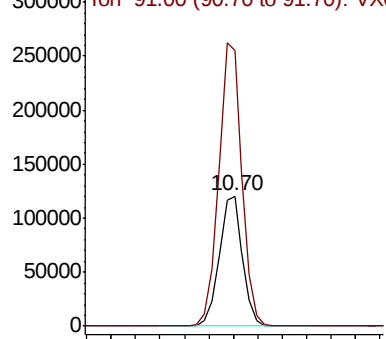
#69
o-Xylene
Concen: 52.700 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 157845
Ion Ratio Lower Upper
106 100
91 217.9 110.4 331.2

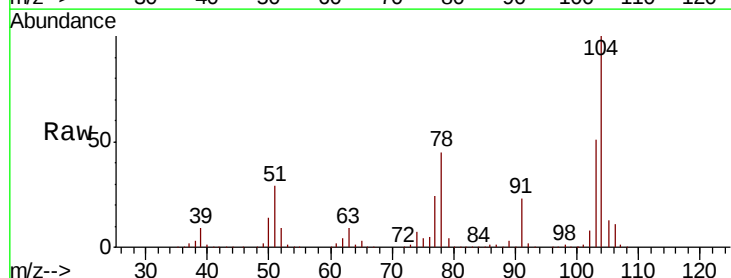


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

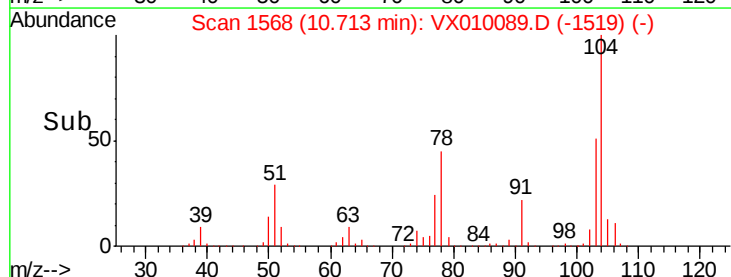
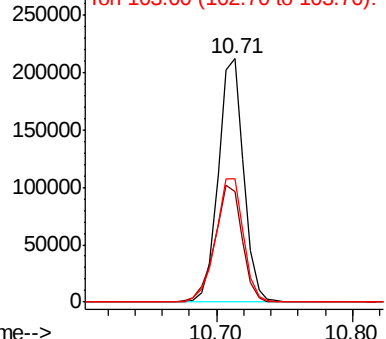


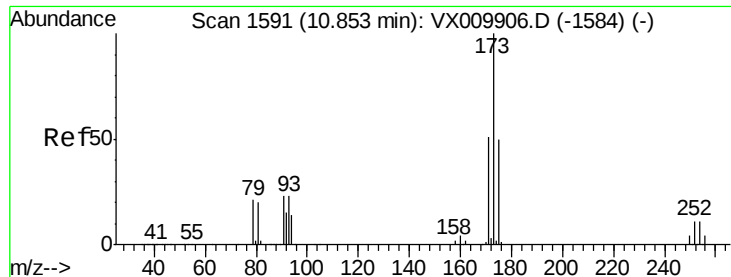
#70
Styrene
Concen: 52.441 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion:104 Resp: 275422
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 56.0 44.1 66.1



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: 54.046 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

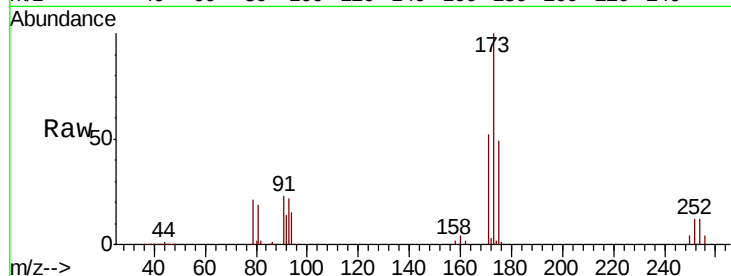
Tot Ion:173 Resp: 72143

Ion Ratio Lower Upper

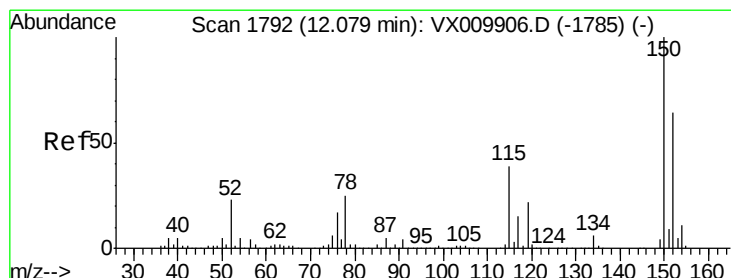
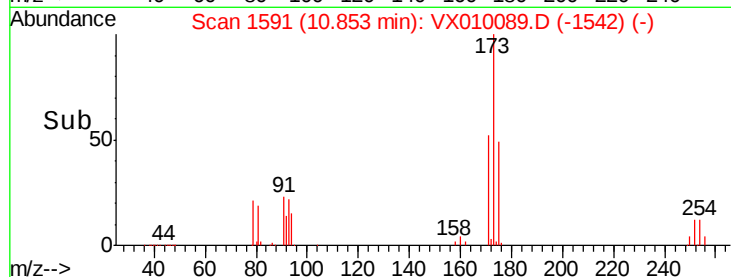
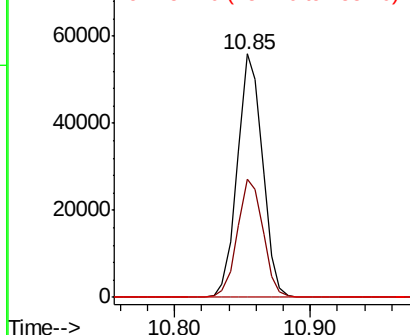
173 100

175 49.3 25.0 75.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

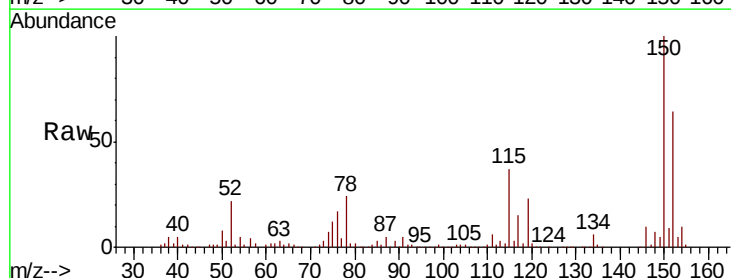
Tgt Ion:152 Resp: 111816

Ion Ratio Lower Upper

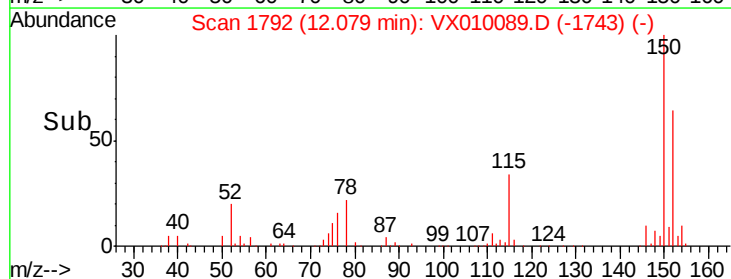
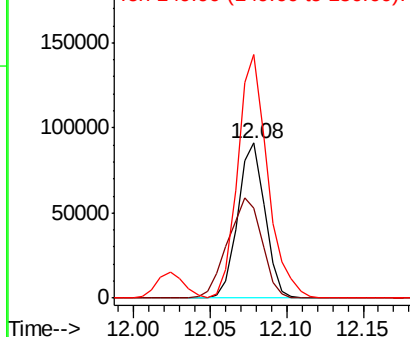
152 100

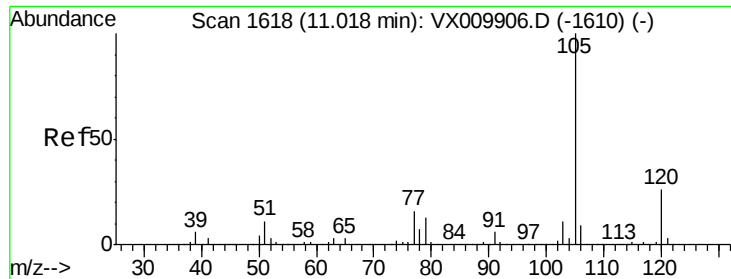
115 81.2 41.4 124.2

150 173.3 0.0 345.2



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





#73

Isopropylbenzene

Concen: 50.495 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

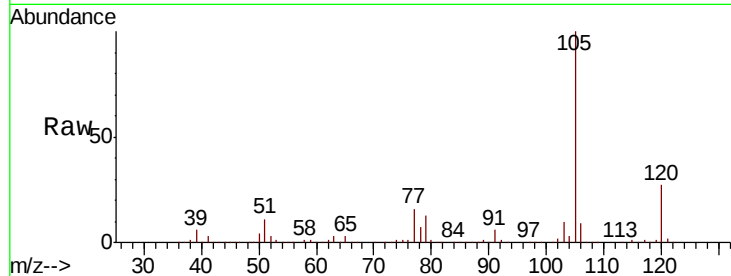
ClientSampleId :

Tot Ion:105 Resp: 416582

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

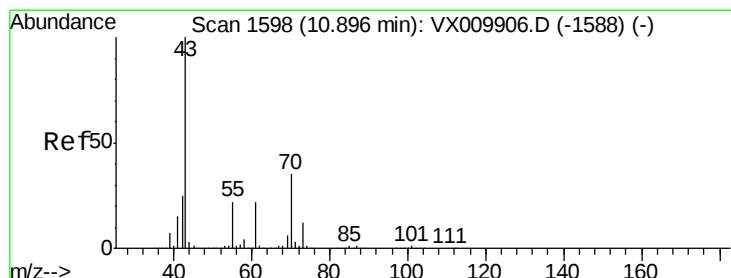
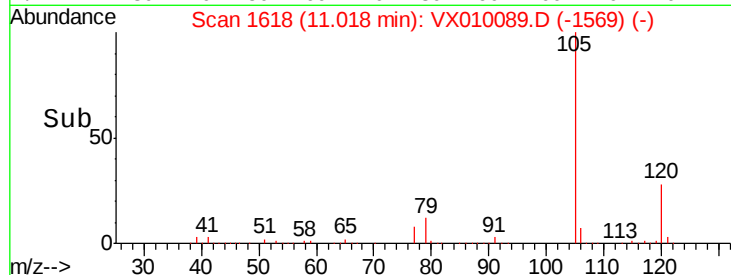
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.994 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion: 43 Resp: 241534

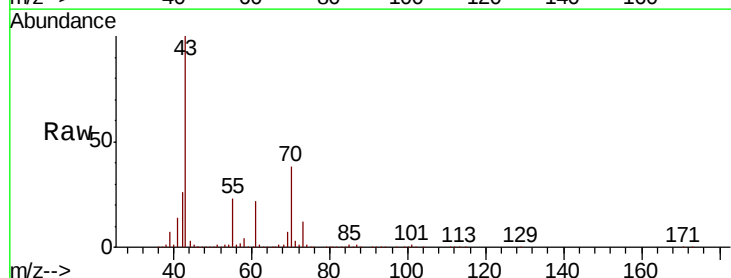
Ion Ratio Lower Upper

43 100

70 37.3 28.6 43.0

55 23.0 17.8 26.8

61 22.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

300000

250000

200000

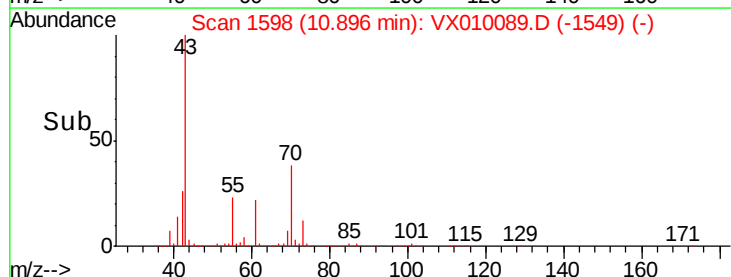
150000

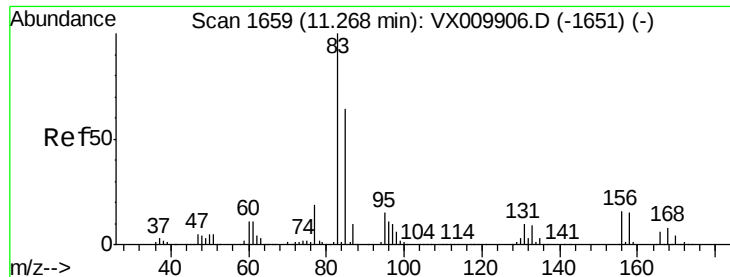
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.782 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

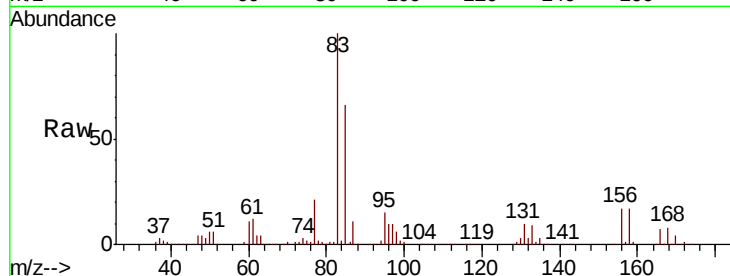
Tot Ion: 83 Resp: 150143

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

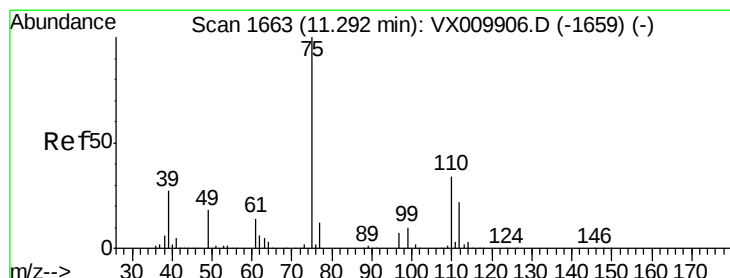
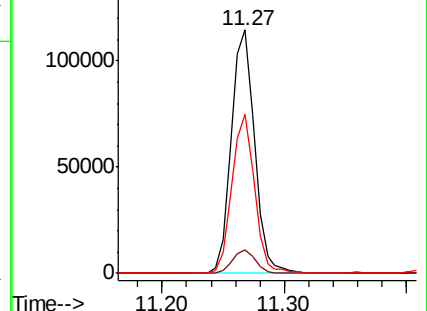
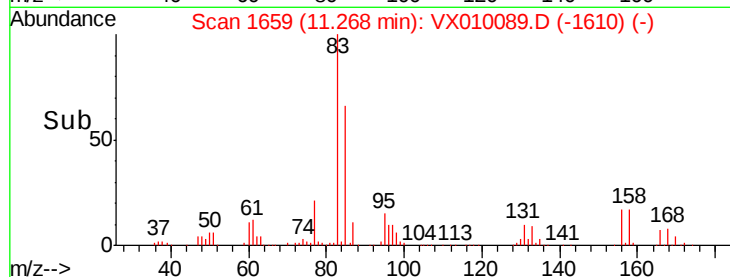
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.920 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010089.D

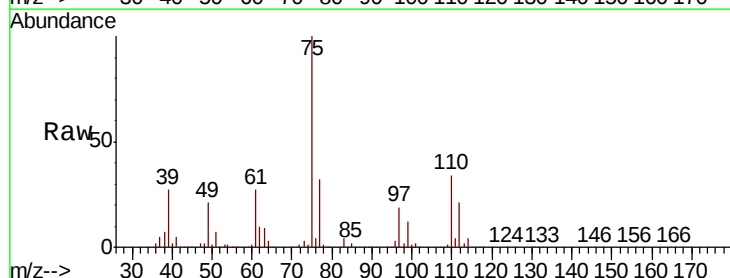
Acq: 05 Jun 2019 19:58

Tgt Ion: 75 Resp: 178936

Ion Ratio Lower Upper

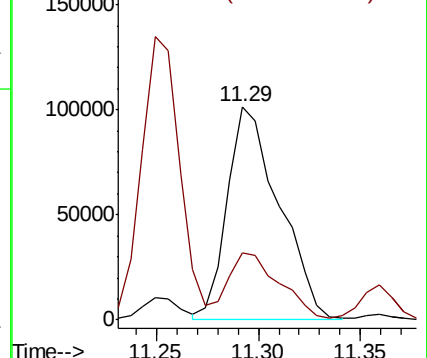
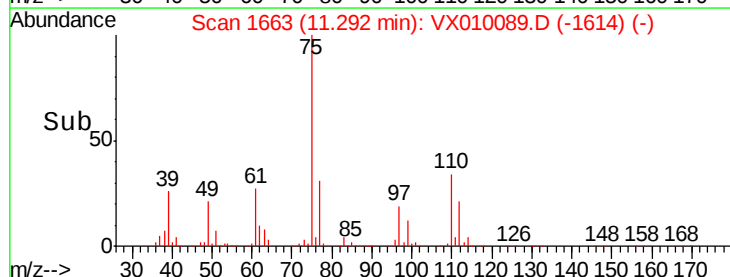
75 100

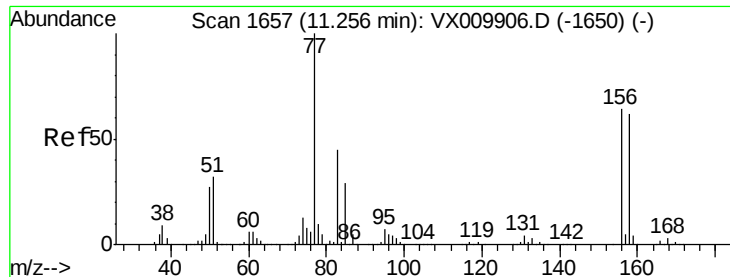
77 31.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.285 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

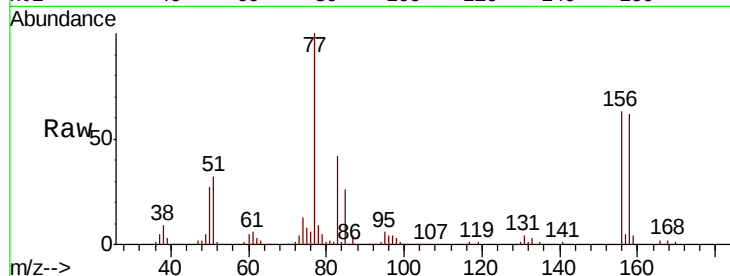
Tot Ion:156 Resp: 105724

Ion Ratio Lower Upper

156 100

77 165.9 86.8 260.3

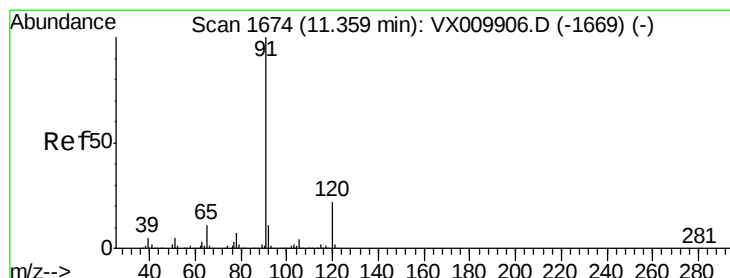
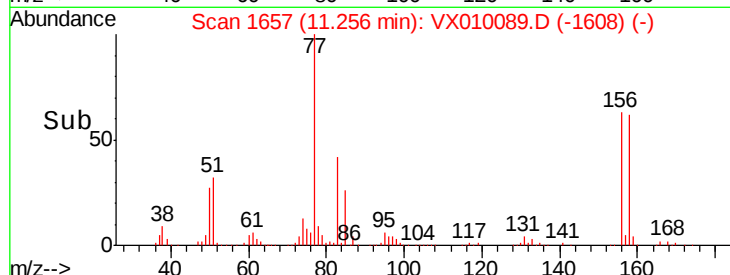
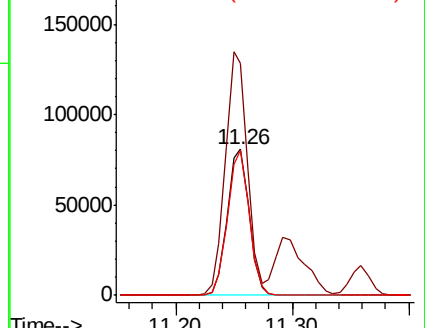
158 97.0 49.6 148.8



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: 50.537 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010089.D

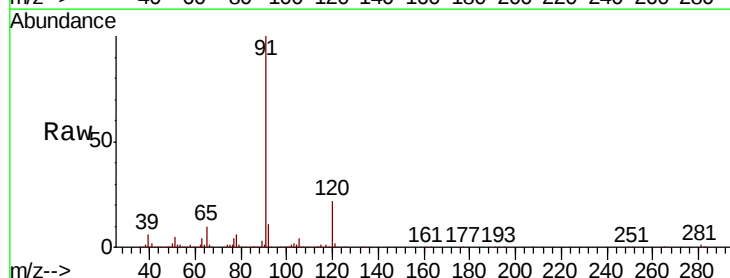
Acq: 05 Jun 2019 19:58

Tgt Ion: 91 Resp: 480579

Ion Ratio Lower Upper

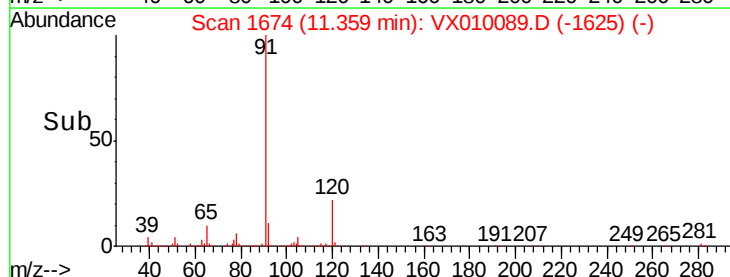
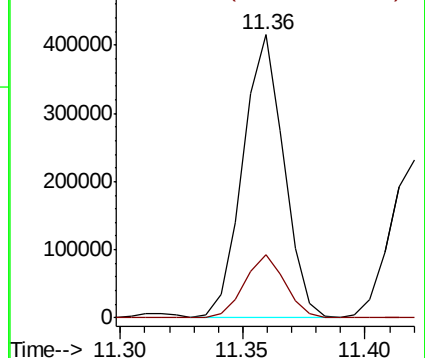
91 100

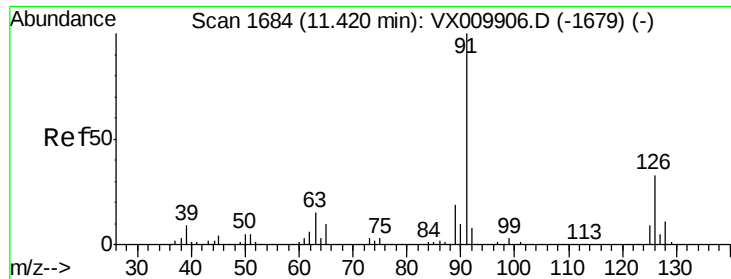
120 22.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

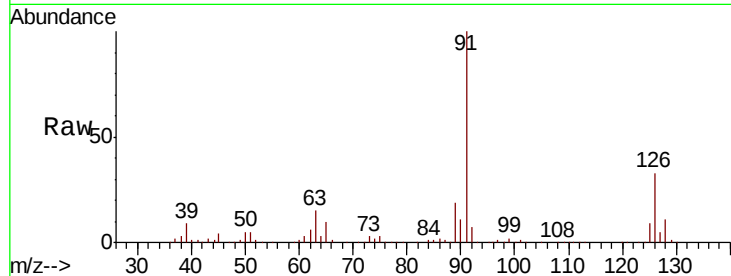




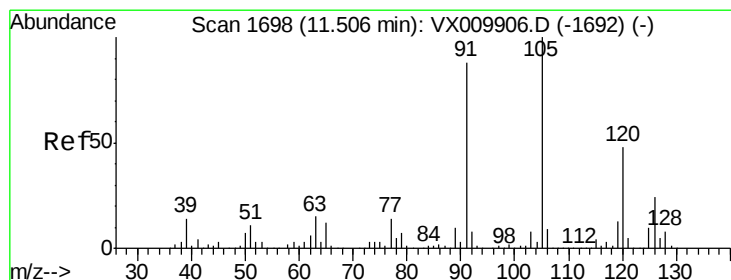
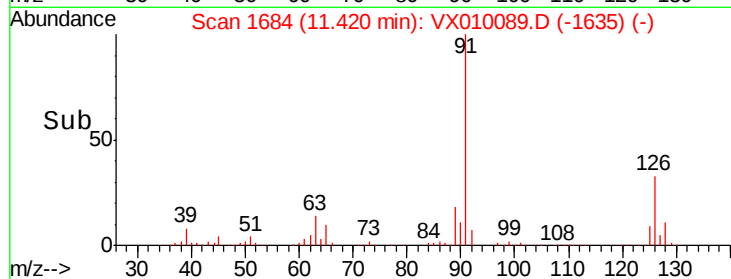
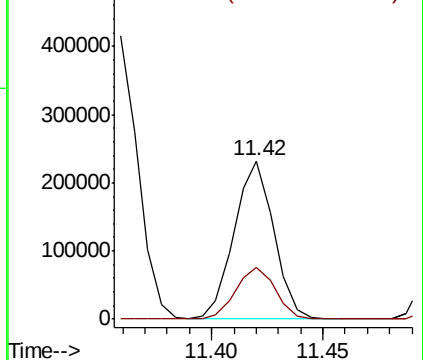
#79
 2-Chlorotoluene
 Concen: 49.199 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 285851
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.1 48.3

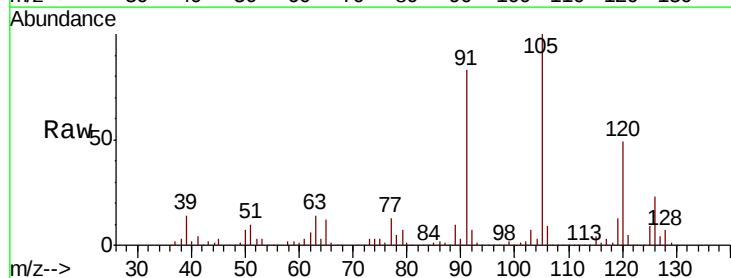


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

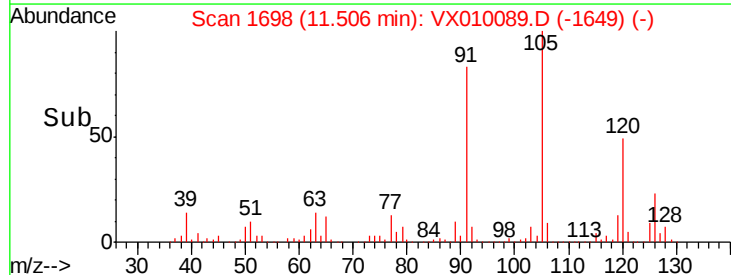
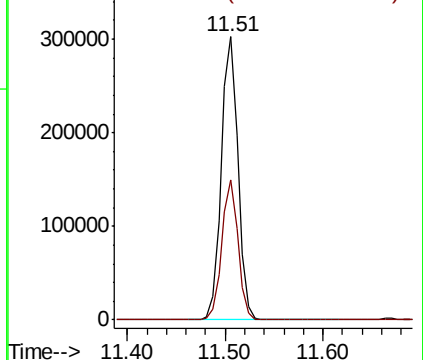


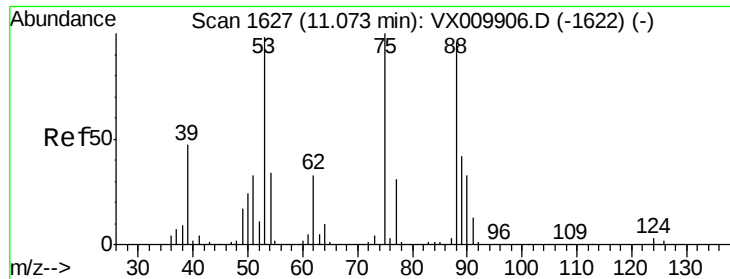
#80
 1,3,5-Trimethylbenzene
 Concen: 51.177 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion: 105 Resp: 355696
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 46.456 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

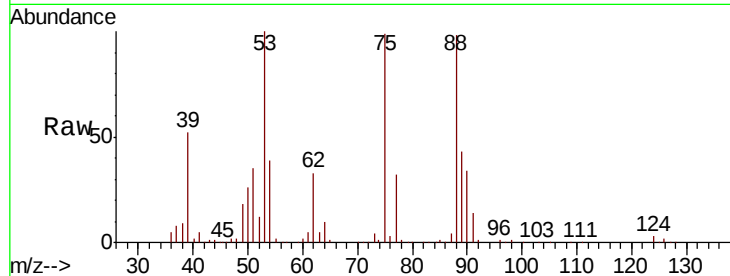
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 50206

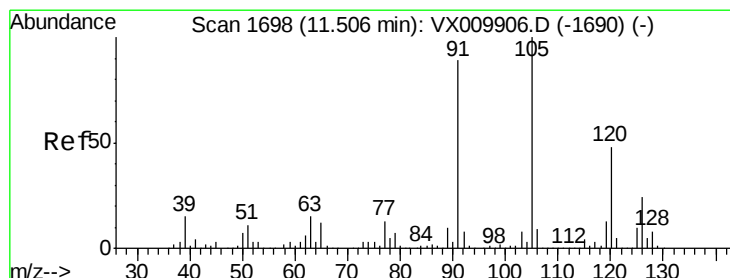
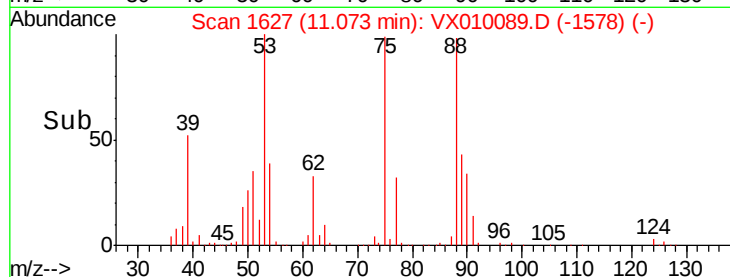
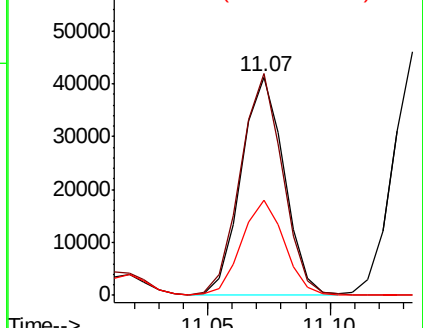
Ion	Ratio	Lower	Upper
75	100		
53	100.4	79.8	119.6
89	44.0	34.2	51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.038 ug/l

RT: 11.51 min Scan# 1699

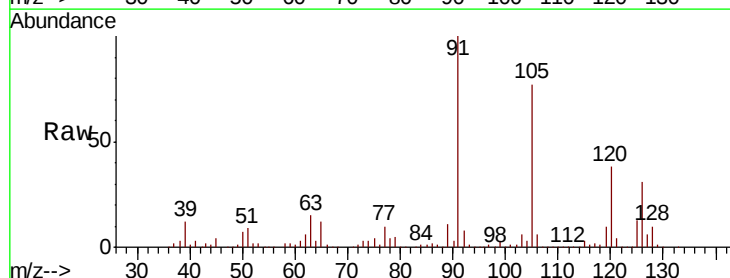
Delta R.T. 0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

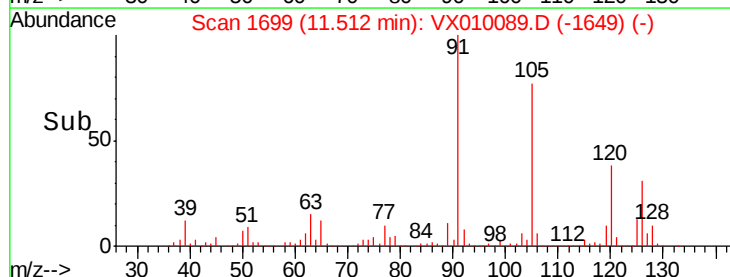
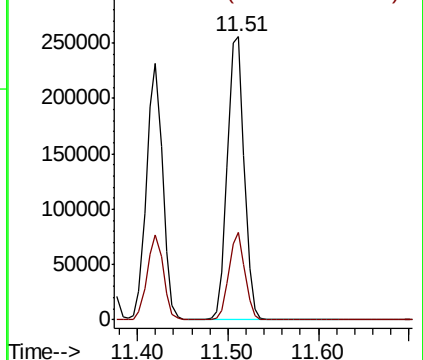
Tgt Ion: 91 Resp: 331669

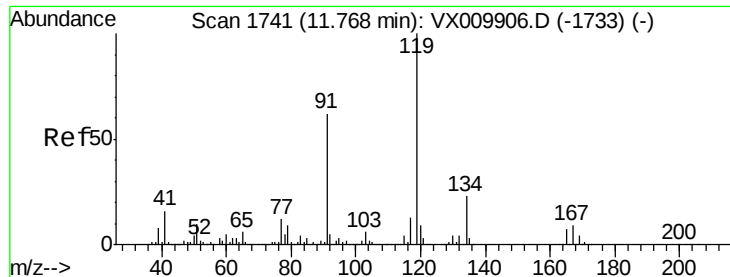
Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.968 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

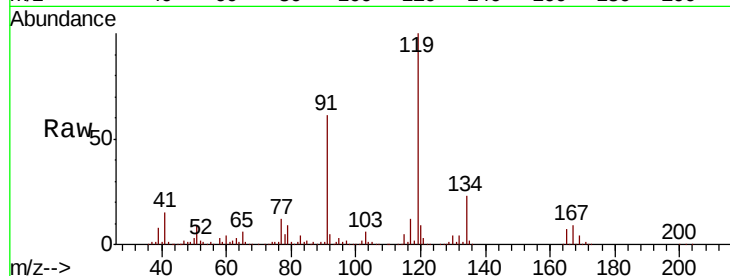
Tot Ion:119 Resp: 338909

Ion Ratio Lower Upper

119 100

91 59.1 30.0 90.0

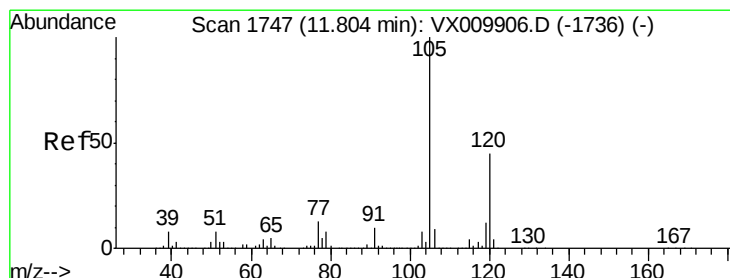
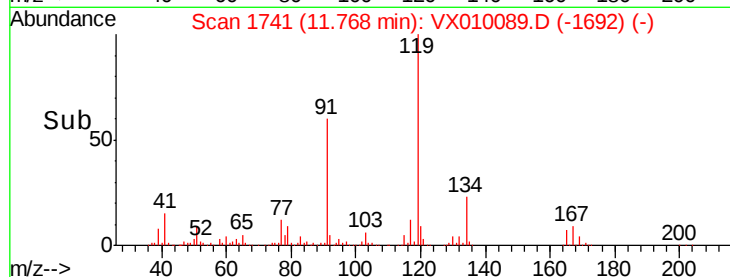
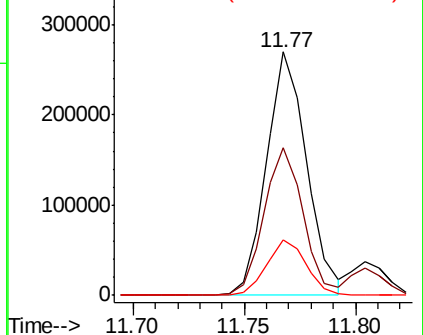
134 22.5 11.2 33.5



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: 50.153 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010089.D

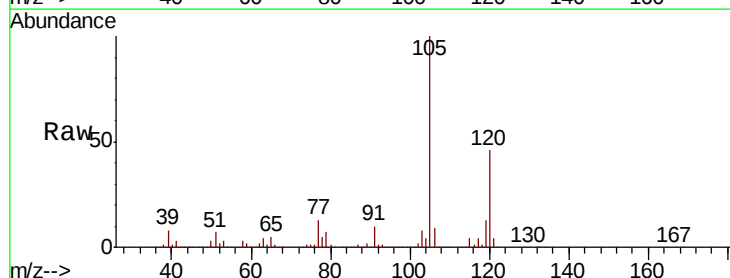
Acq: 05 Jun 2019 19:58

Tgt Ion:105 Resp: 354003

Ion Ratio Lower Upper

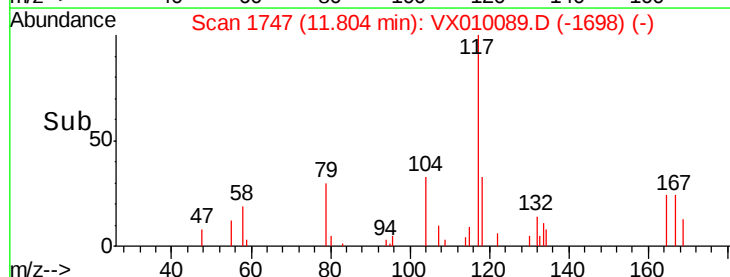
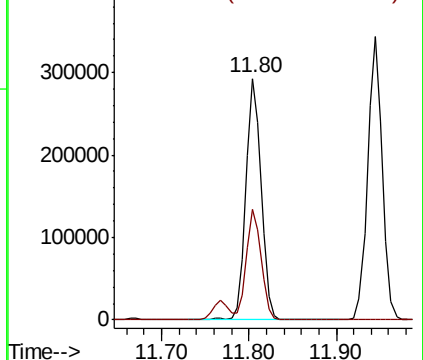
105 100

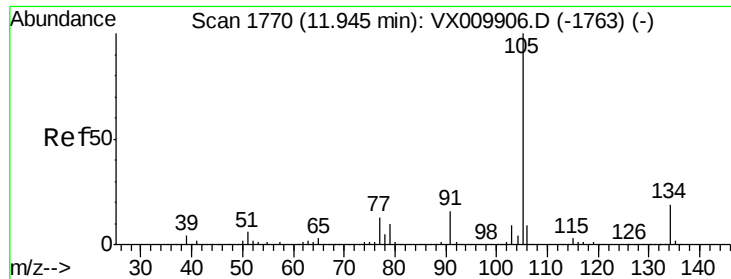
120 44.2 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.871 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

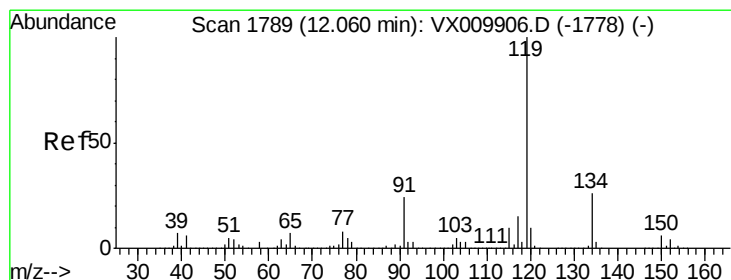
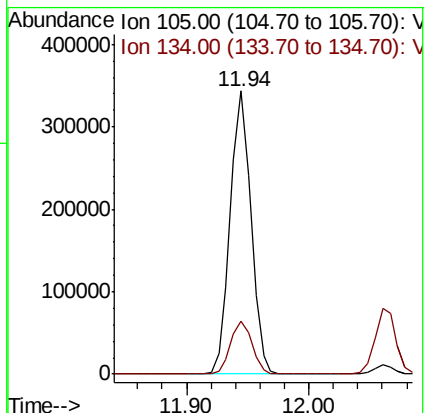
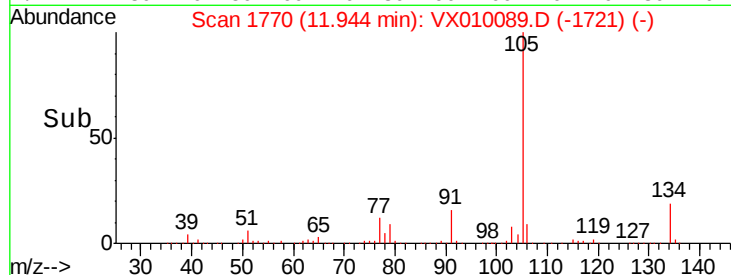
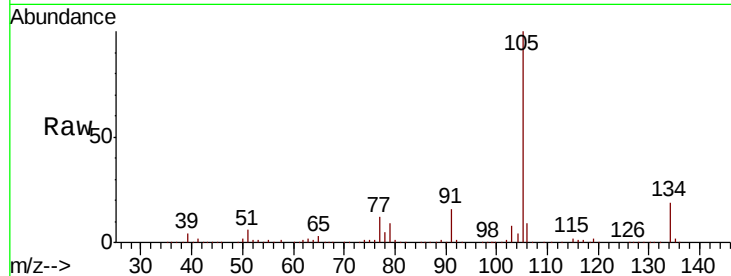
ClientSampled :

Tot Ion:105 Resp: 402423

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 50.980 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

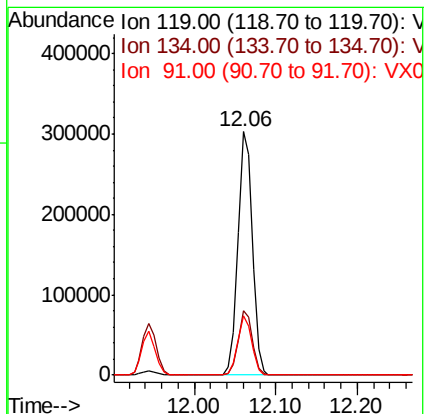
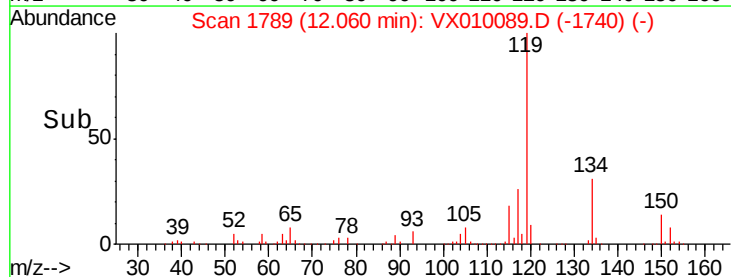
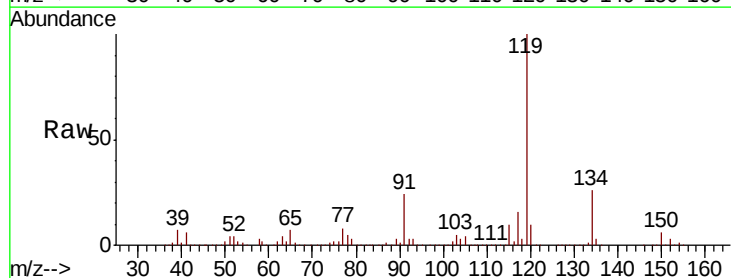
Tgt Ion:119 Resp: 362741

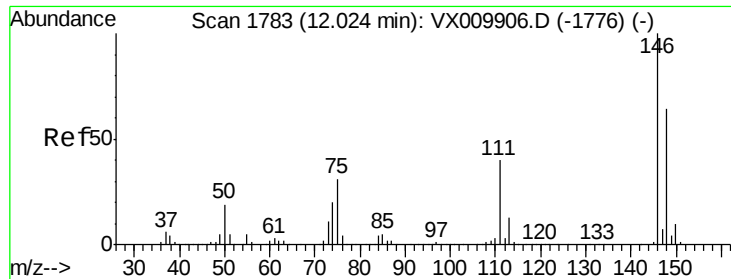
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.8 11.9 35.9

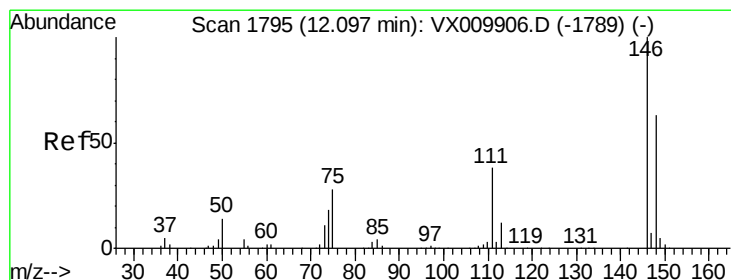
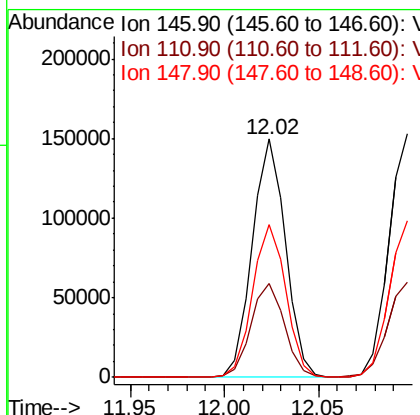
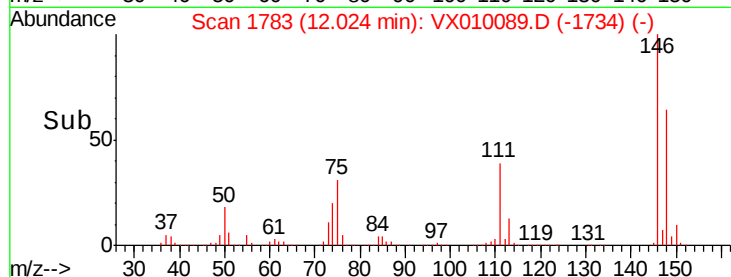
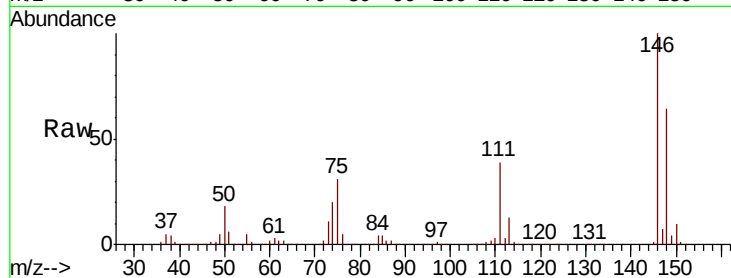




#87
 1,3-Dichlorobenzene
 Concen: 48.948 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

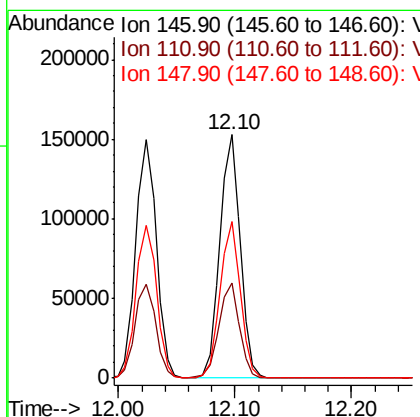
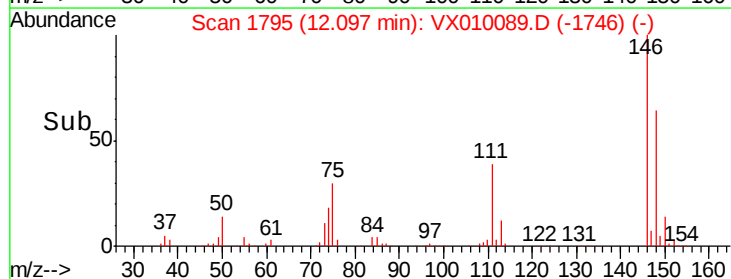
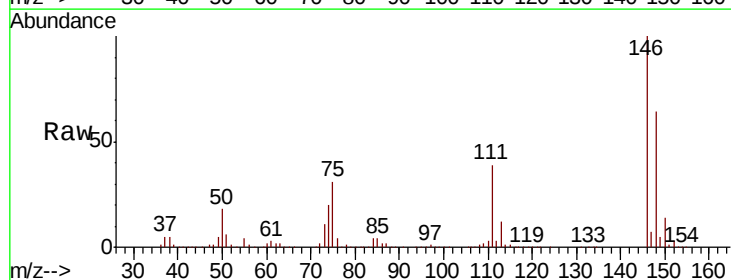
Instrument :
 MSVOA_X
 ClientSampleId :

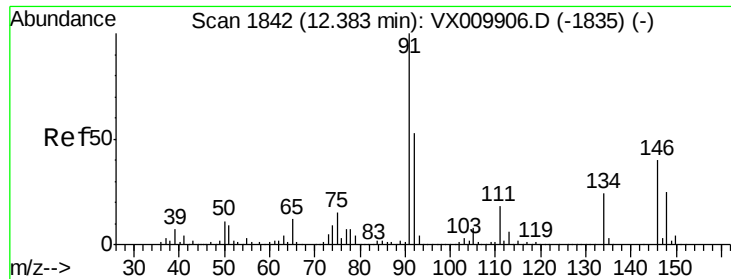
Tot Ion:146 Resp: 183219
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.045 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion:146 Resp: 183405
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.9 32.3 96.9

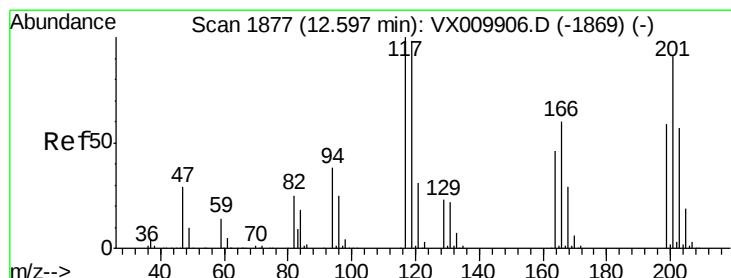
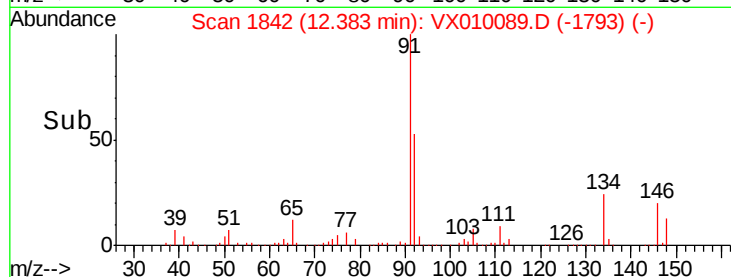
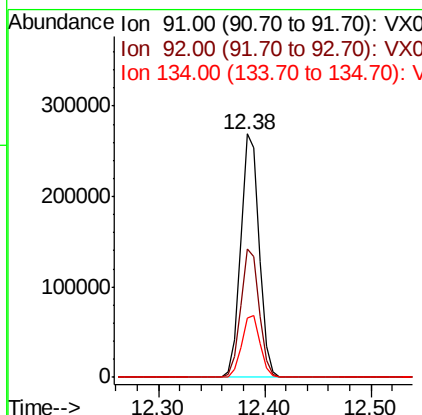
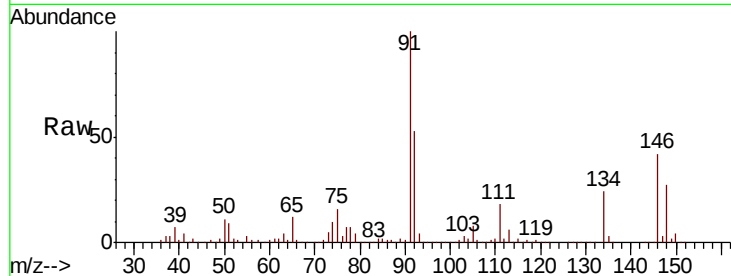




#89
n-Butylbenzene
Concen: 49.056 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

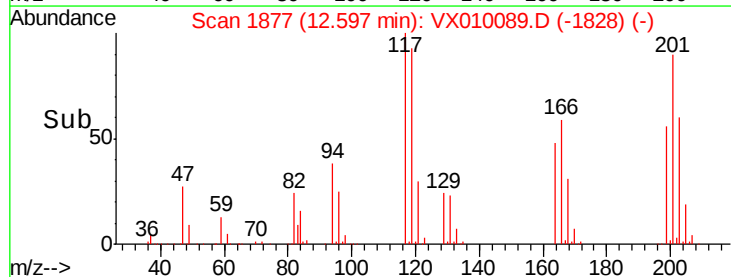
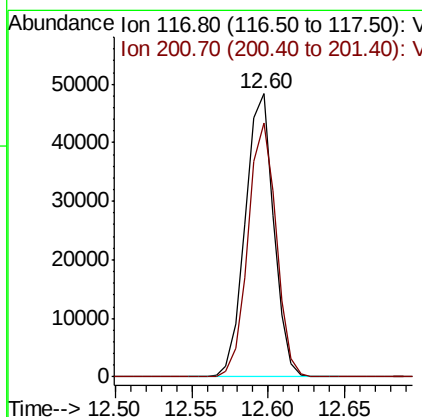
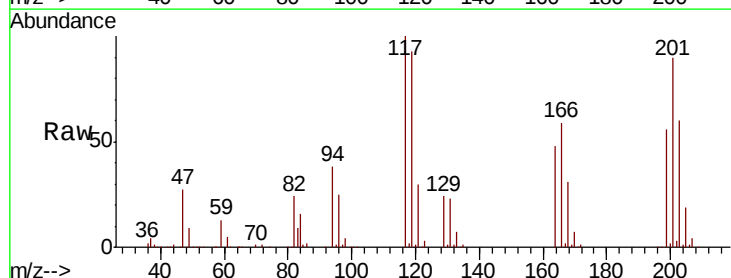
Instrument :
MSVOA_X
ClientSampled :

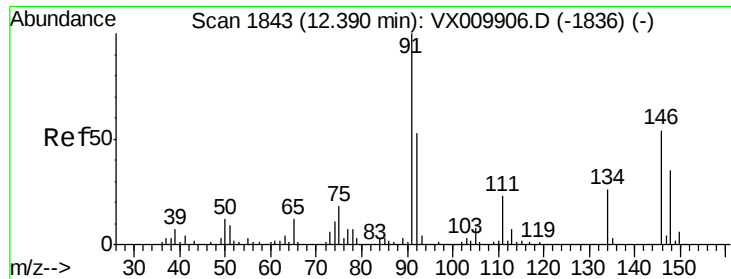
Tot Ion: 91 Resp: 328033
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.8
134 25.5 12.3 36.8



#90
Hexachloroethane
Concen: 51.225 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 117 Resp: 62551
Ion Ratio Lower Upper
117 100
201 88.6 43.6 130.9

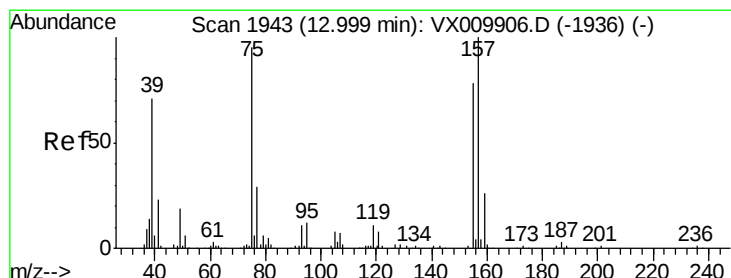
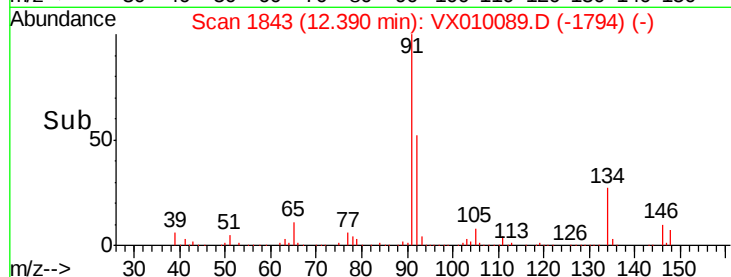
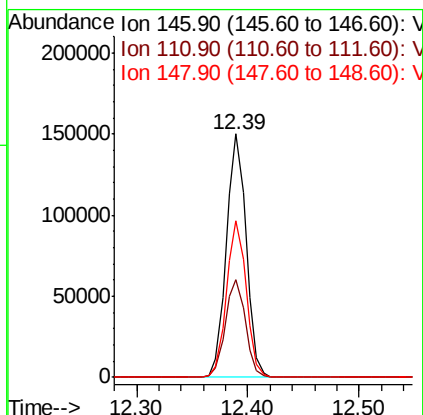
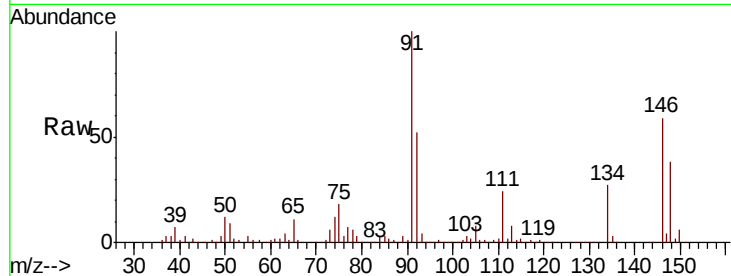




#91
 1,2-Dichlorobenzene
 Concen: 50.019 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

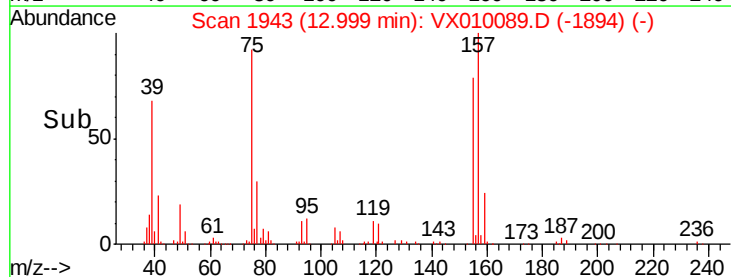
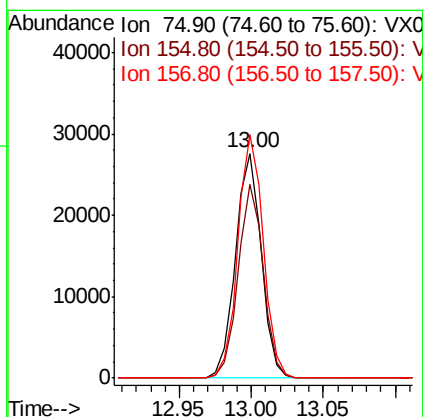
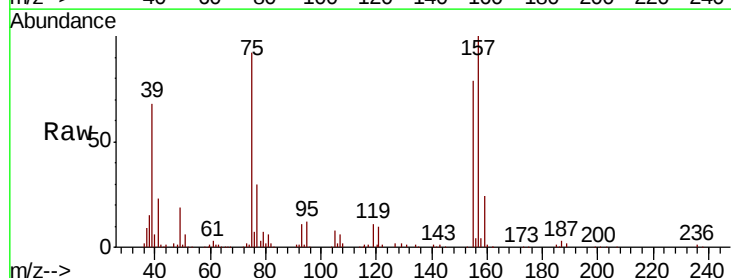
Instrument :
 MSVOA_X
 ClientSampleId :

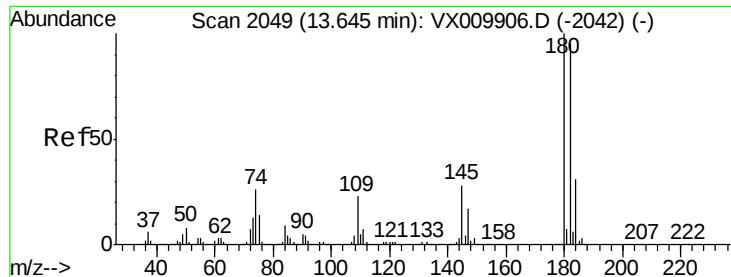
Tot Ion:146 Resp: 184592
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.1 63.1
 148 63.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.642 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion: 75 Resp: 34516
 Ion Ratio Lower Upper
 75 100
 155 83.4 39.3 117.8
 157 106.3 50.6 151.8

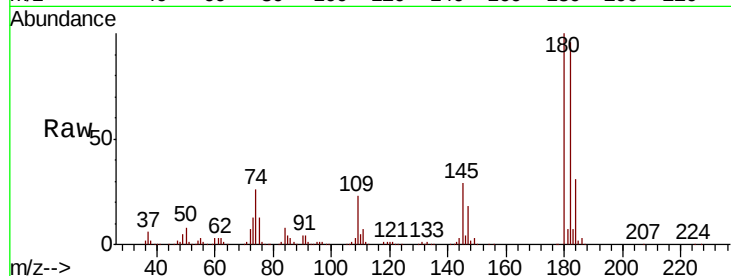




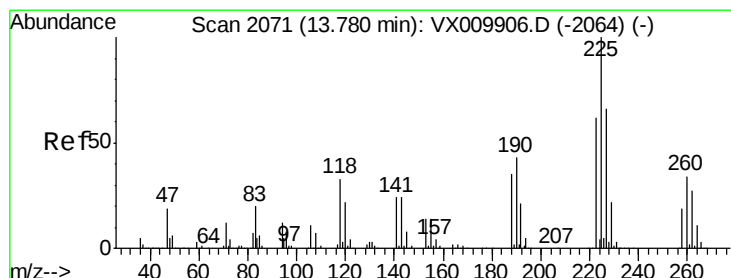
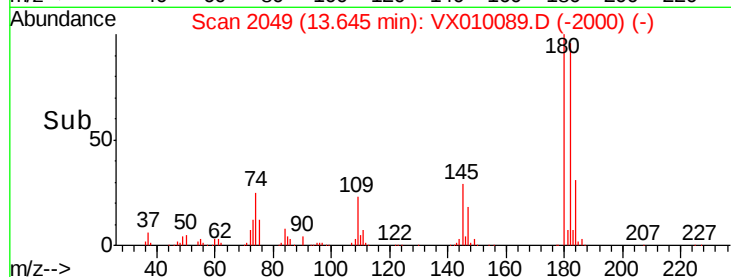
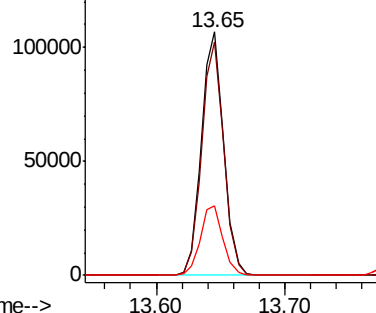
#93
 1,2,4-Trichlorobenzene
 Concen: 48.964 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	29.0	14.5	43.5

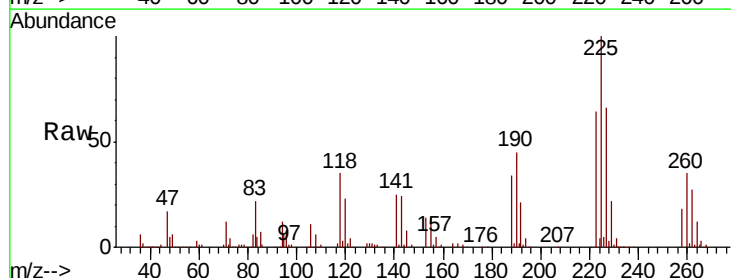


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

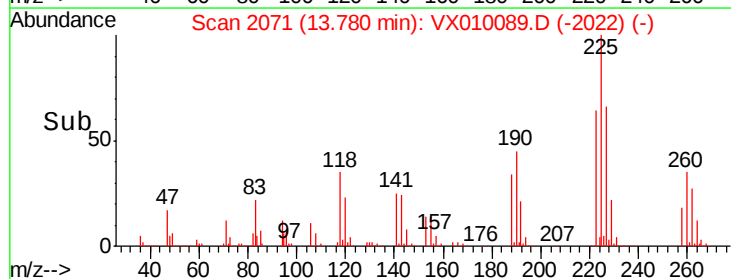
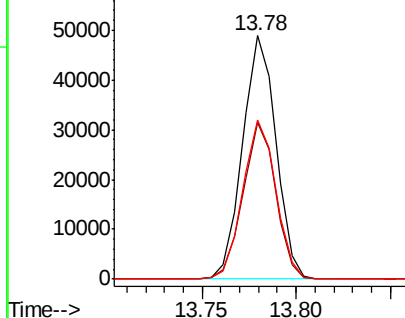


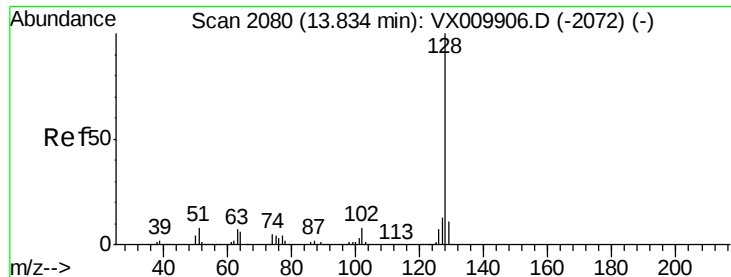
#94
 Hexachlorobutadiene
 Concen: 45.515 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	64.6	32.3	96.8



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

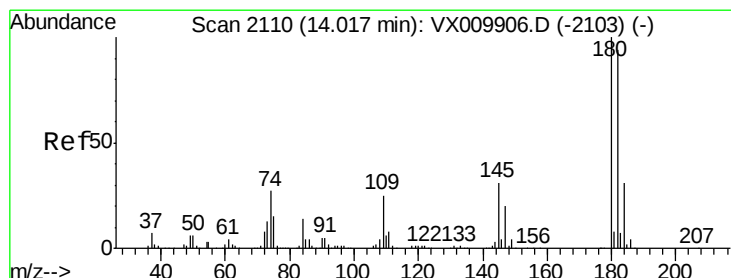
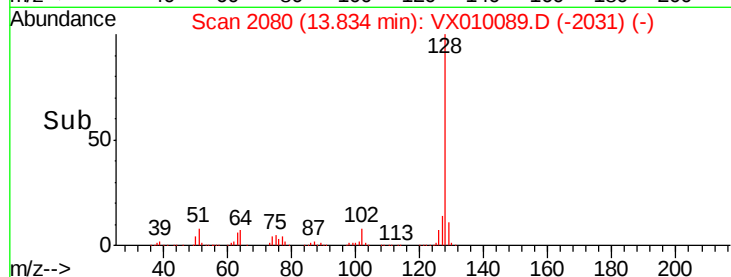
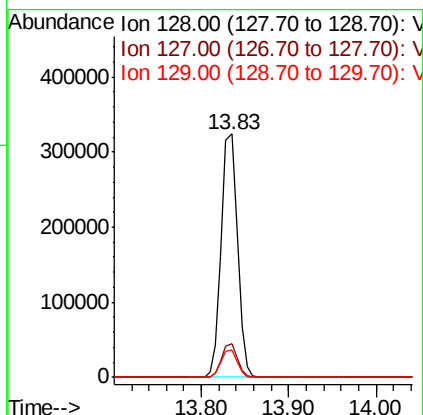
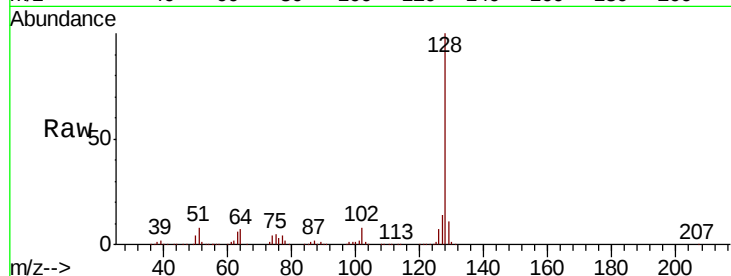




#95
Naphthalene
Concen: 50.601 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 415282
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.465 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion:180 Resp: 130580
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 30.5 15.6 46.7

