

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010499.D
 Acq On : 27 Jun 2019 19:13
 Operator : JC/SP
 Sample : K3565-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:51:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	113848	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	114388	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	429445	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	158011	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74183	43.406	ug/l	99
3) Chloromethane	1.32	50	88439	44.440	ug/l	98
4) Vinyl Chloride	1.41	62	97629	44.790	ug/l	100
5) Bromomethane	1.64	94	50204	47.277	ug/l	98
6) Chloroethane	1.71	64	61415	47.757	ug/l	99
7) Trichlorofluoromethane	1.93	101	170660	49.390	ug/l	96
8) Diethyl Ether	2.19	74	62287	50.266	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95830	45.765	ug/l	99
10) Methyl Iodide	2.51	142	150108	50.230	ug/l	99
11) Tert butyl alcohol	3.05	59	130289	216.031	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101107	47.451	ug/l	96
13) Acrolein	2.29	56	76694	191.695	ug/l	95
14) Allyl chloride	2.73	41	143896	47.568	ug/l	99
15) Acrylonitrile	3.14	53	312942	262.079	ug/l	98
16) Acetone	2.45	43	237115	205.273	ug/l	100
17) Carbon Disulfide	2.57	76	235191	41.142	ug/l	99
18) Methyl Acetate	2.78	43	107903	46.869	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	333742	49.789	ug/l #	39
20) Methylene Chloride	2.85	84	116363	48.950	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	106744	46.580	ug/l	98
22) Diisopropyl ether	3.86	45	312821	49.460	ug/l #	87
23) Vinyl Acetate	3.82	43	1273014	232.988	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179263	49.034	ug/l	99
25) 2-Butanone	4.67	43	402236	237.390	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130009	40.937	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127971	48.324	ug/l	99
28) Bromochloromethane	5.01	49	83666	47.865	ug/l	98
29) Tetrahydrofuran	5.13	42	266108	253.550	ug/l	99
30) Chloroform	5.21	83	194544	49.458	ug/l	97
31) Cyclohexane	5.58	56	449136	134.908	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	171424	49.355	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139287	47.499	ug/l	98
37) Ethyl Acetate	4.84	43	139643	46.289	ug/l	99
38) Carbon Tetrachloride	5.78	117	152423	48.001	ug/l	92

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	411494	106.754	ug/l	96
40) Benzene	6.15	78	2347778	256.984	ug/l	99
41) Methacrylonitrile	5.04	41	82849	50.053	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158965	57.162	ug/l	97
43) Isopropyl Acetate	6.45	43	245996	49.286	ug/l	98
44) Trichloroethene	7.21	130	130728	47.821	ug/l	95
45) 1,2-Dichloropropane	7.51	63	115672	50.138	ug/l	100
46) Dibromomethane	7.66	93	81913	49.486	ug/l	99
47) Bromodichloromethane	7.90	83	150224	49.522	ug/l	99
48) Methyl methacrylate	7.77	41	129508	55.823	ug/l	95
49) 1,4-Dioxane	7.74	88	60187	900.568	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	832633	260.837	ug/l	98
52) Toluene	8.79	92	303045	50.371	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	161514	47.491	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	177699	48.080	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124085	50.009	ug/l	98
56) Ethyl methacrylate	9.18	69	192355	51.175	ug/l	97
57) 1,3-Dichloropropane	9.37	76	192040	49.859	ug/l	99
59) 2-Hexanone	9.49	43	622617	247.823	ug/l	100
60) Dibromochloromethane	9.58	129	137000	49.313	ug/l	98
61) 1,2-Dibromoethane	9.67	107	134192	50.105	ug/l	100
64) Tetrachloroethene	9.34	164	120017	44.172	ug/l	99
65) Chlorobenzene	10.14	112	337027	49.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126097	50.760	ug/l	100
67) Ethyl Benzene	10.25	91	3171106	275.425	ug/l	99
68) m/p-Xylenes	10.36	106	3230013	724.023	ug/l	100
69) o-Xylene	10.69	106	241508	55.049	ug/l	100
70) Styrene	10.71	104	373847	50.812	ug/l	98
71) Bromoform	10.85	173	105436	48.806	ug/l	98
73) Isopropylbenzene	11.02	105	822123	68.781	ug/l	99
74) N-amyl acetate	10.90	43	208815	46.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	195981	49.510	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	212034	65.990	ug/l	80
77) Bromobenzene	11.26	156	159463	47.779	ug/l	99
78) n-propylbenzene	11.36	91	955513	72.737	ug/l	100
79) 2-Chlorotoluene	11.42	91	506225	64.714	ug/l	84
80) 1,3,5-Trimethylbenzene	11.51	105	915759	92.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59327	43.075	ug/l	95
82) 4-Chlorotoluene	11.51	91	483719	54.343	ug/l	95
83) tert-Butylbenzene	11.77	119	507762	51.341	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1814902	183.327	ug/l	99
85) sec-Butylbenzene	11.94	105	598022	51.500	ug/l	99
86) p-Isopropyltoluene	12.06	119	595268	55.421	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	281408	48.303	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	282242	47.587	ug/l	99
89) n-Butylbenzene	12.38	91	494280	54.156	ug/l	95
90) Hexachloroethane	12.60	117	99498	53.573	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	279044	48.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43054	50.447	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	200308	49.885	ug/l	99

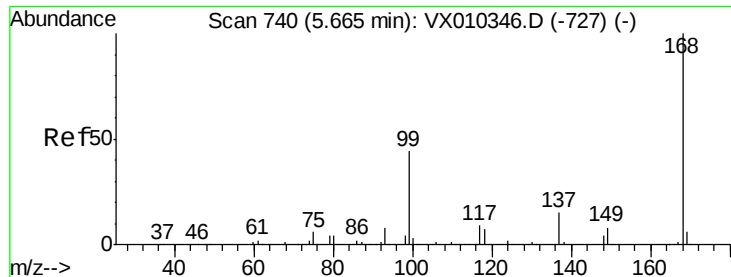
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	94482	48.144	ug/l	99
95) Naphthalene	13.83	128	852063	69.051	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	200062	50.111	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

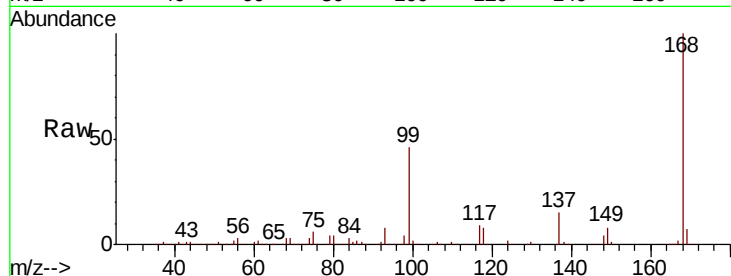
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 245824

Ion Ratio Lower Upper

168 100

99 46.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

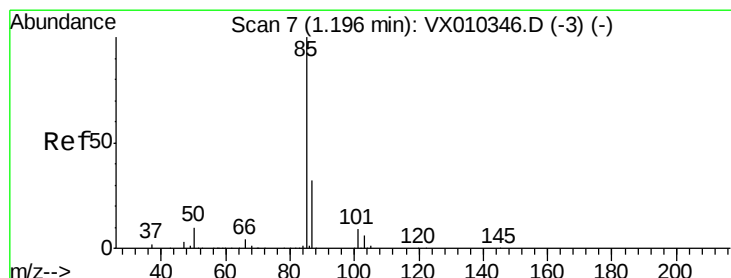
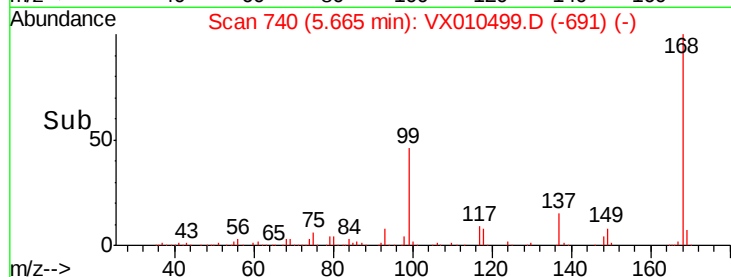
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.406 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010499.D

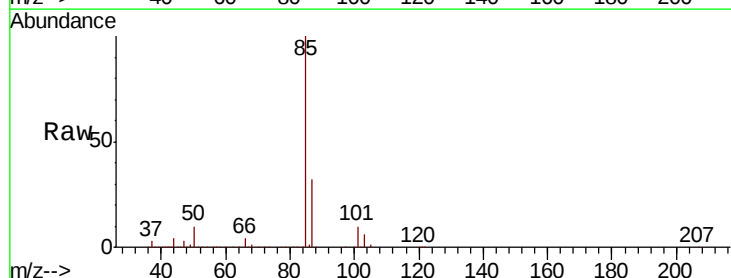
Acq: 27 Jun 2019 19:13

Tgt Ion: 85 Resp: 74183

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

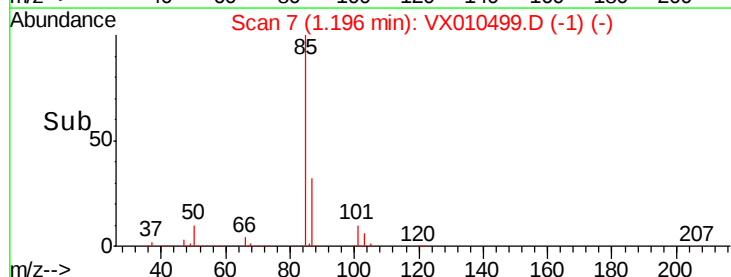
60000

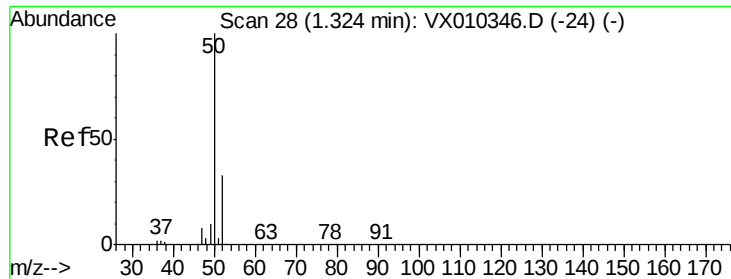
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.440 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

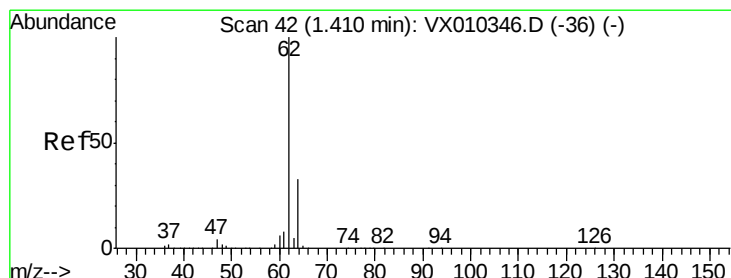
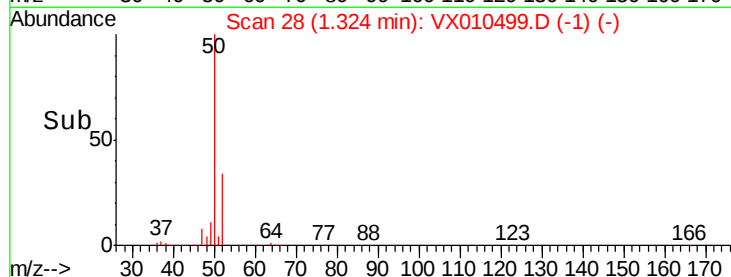
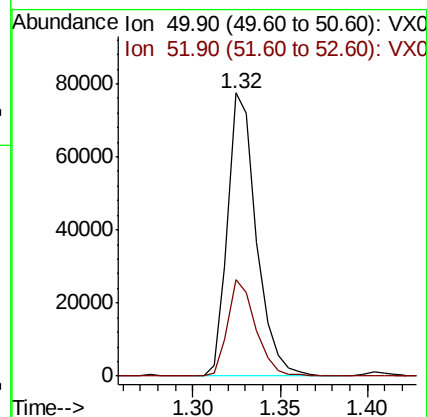
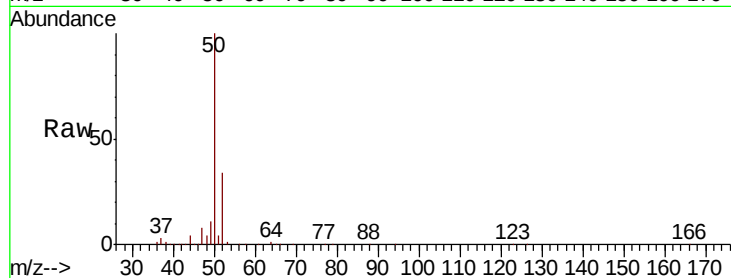
ClientSampleId :

Tot Ion: 50 Resp: 88439

Ion Ratio Lower Upper

50 100

52 34.1 26.5 39.7



#4

Vinyl Chloride

Concen: 44.790 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010499.D

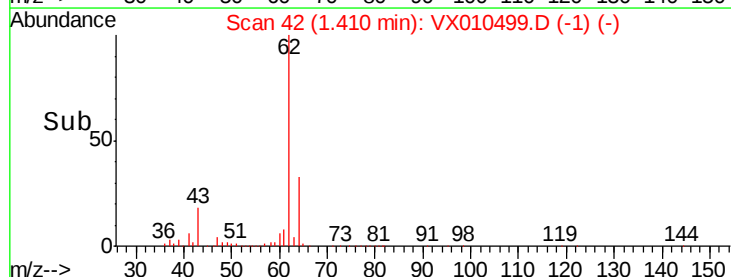
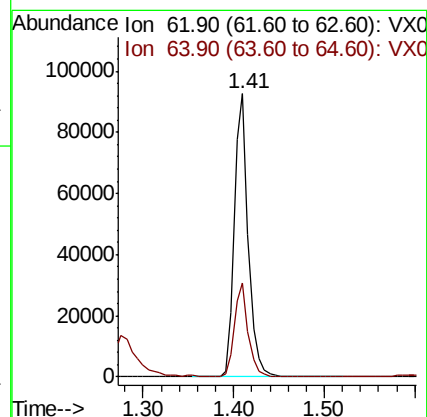
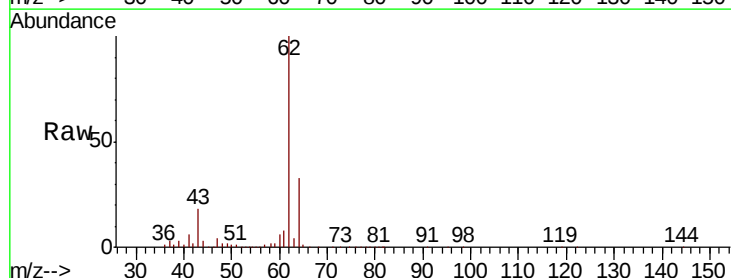
Acq: 27 Jun 2019 19:13

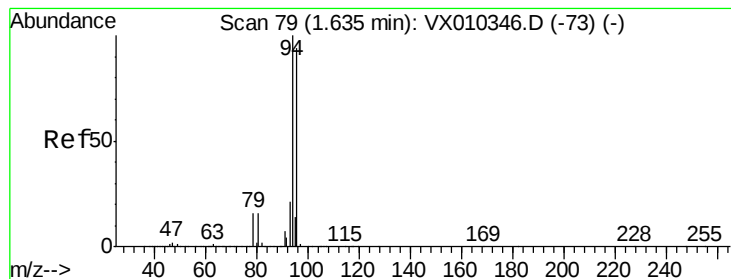
Tgt Ion: 62 Resp: 97629

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.4





#5

Bromomethane

Concen: 47.277 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

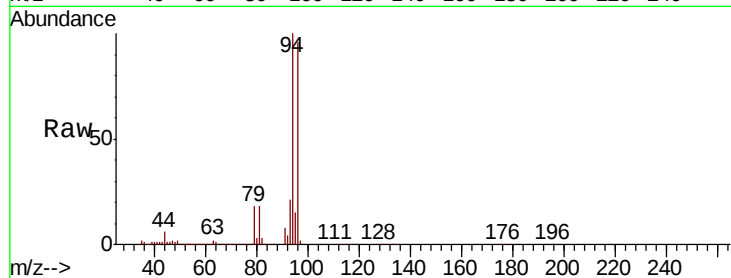
ClientSampleId :

Tot Ion: 94 Resp: 50204

Ion Ratio Lower Upper

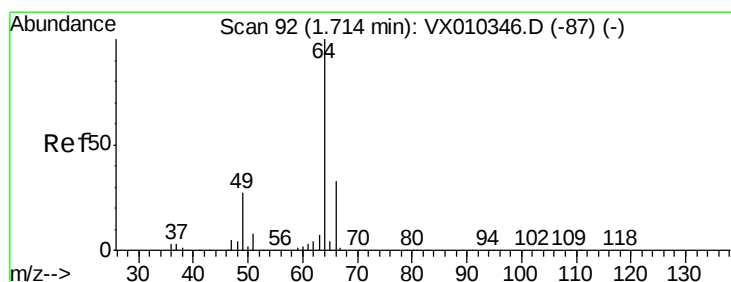
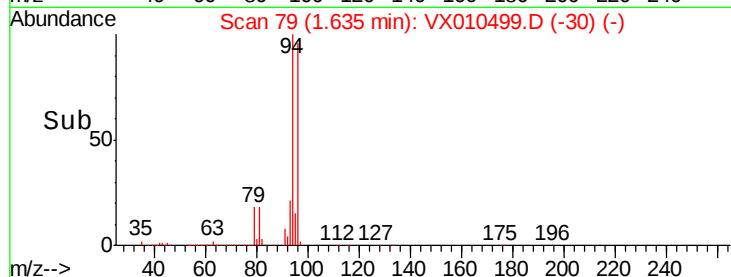
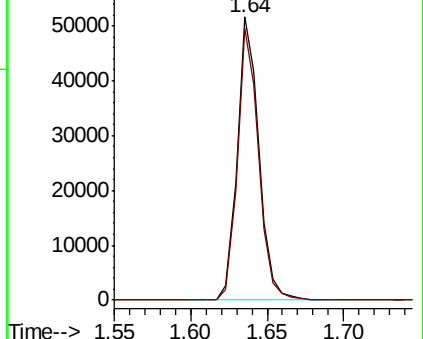
94 100

96 96.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.757 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010499.D

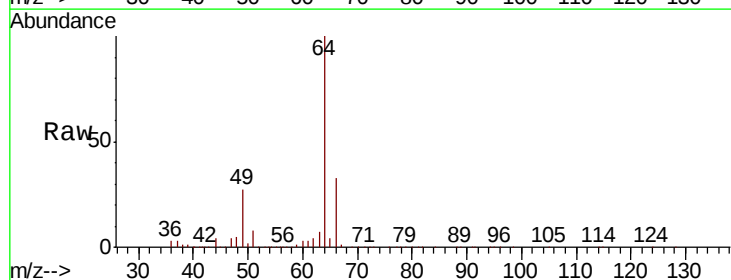
Acq: 27 Jun 2019 19:13

Tgt Ion: 64 Resp: 61415

Ion Ratio Lower Upper

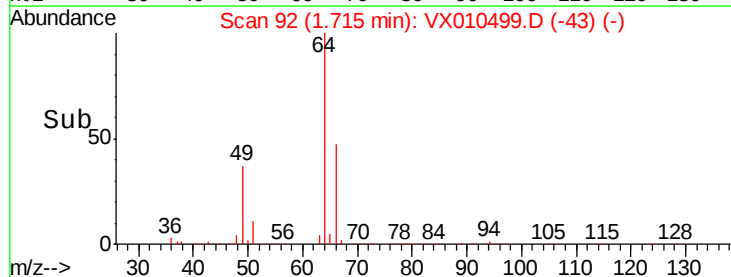
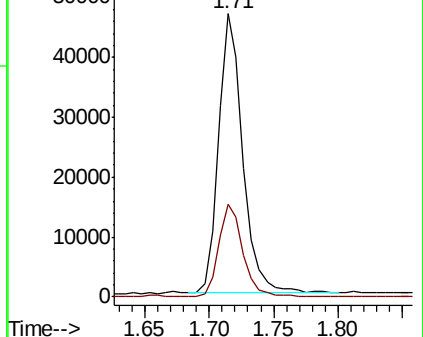
64 100

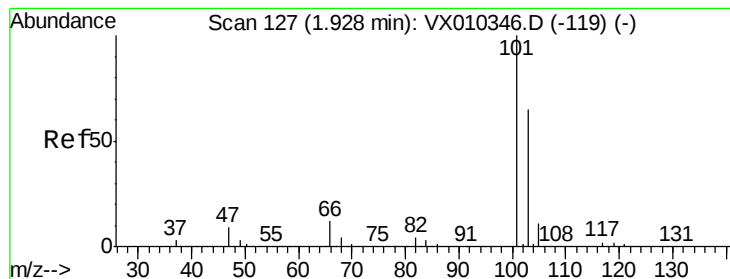
66 32.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



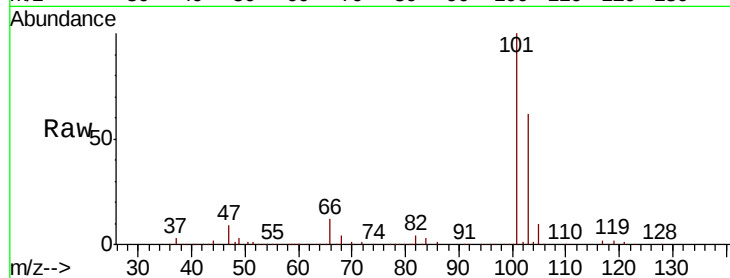


#7

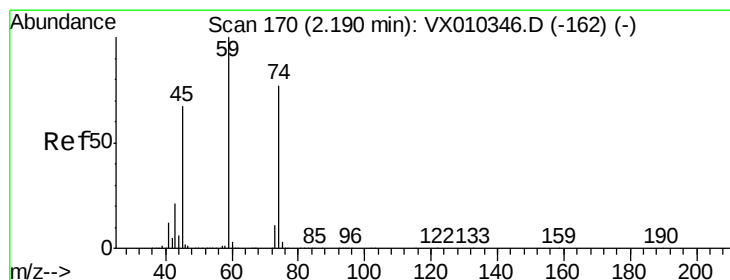
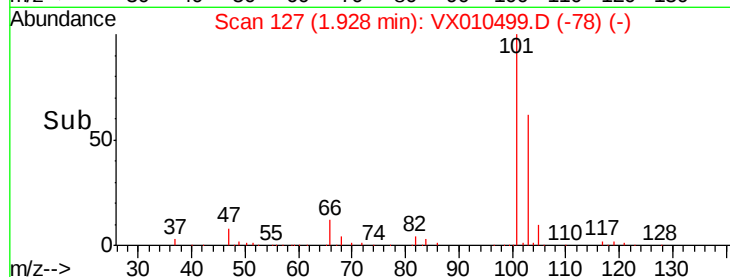
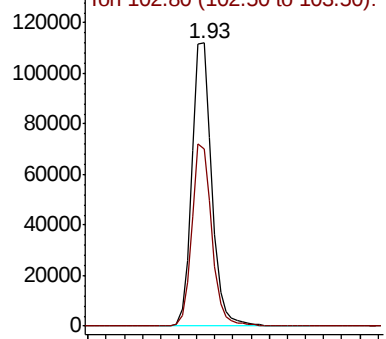
Trichlorofluoromethane
Concen: 49.390 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 170660
Ion Ratio Lower Upper
101 100
103 62.5 52.3 78.5



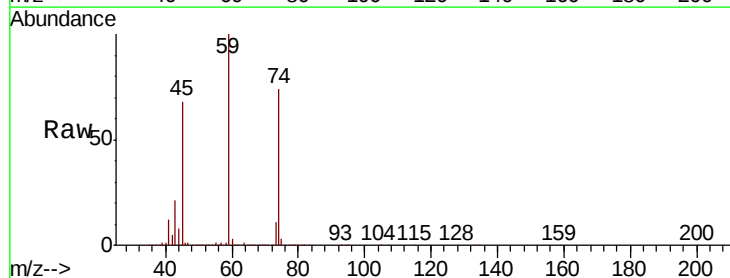
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



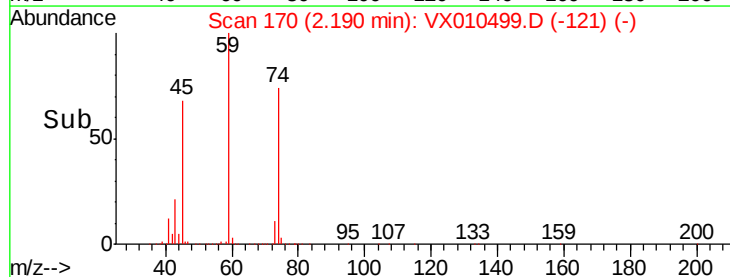
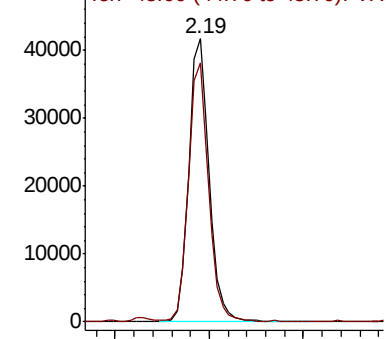
#8

Diethyl Ether
Concen: 50.266 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 74 Resp: 62287
Ion Ratio Lower Upper
74 100
45 89.6 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.765 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

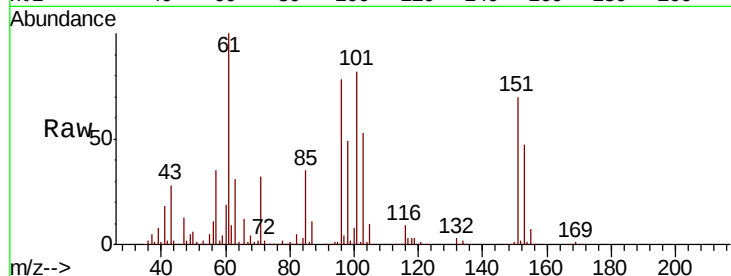
Tot Ion:101 Resp: 95830

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

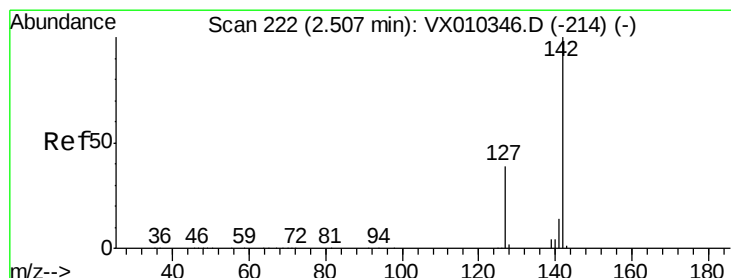
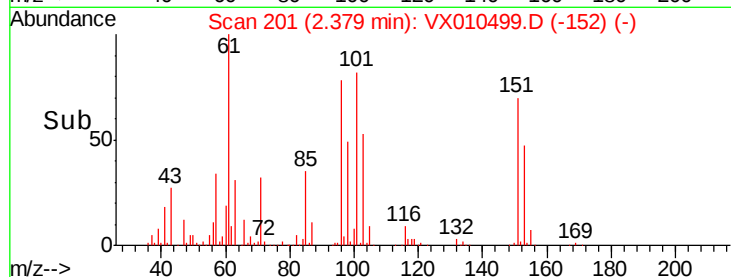
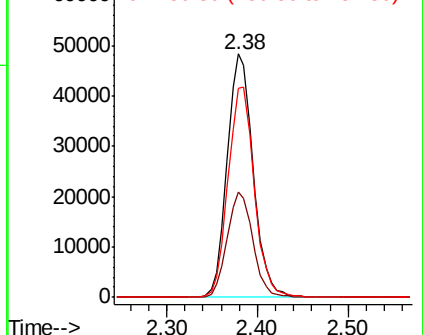
151 87.3 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.230 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

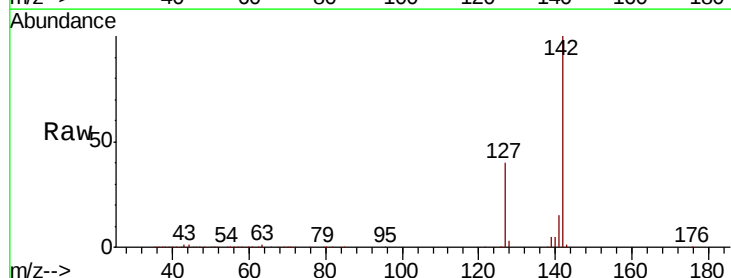
Tgt Ion:142 Resp: 150108

Ion Ratio Lower Upper

142 100

127 39.3 31.1 46.7

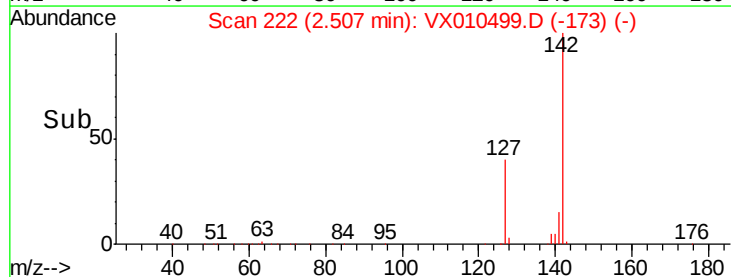
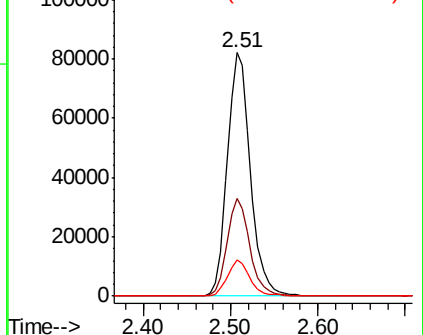
141 14.3 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



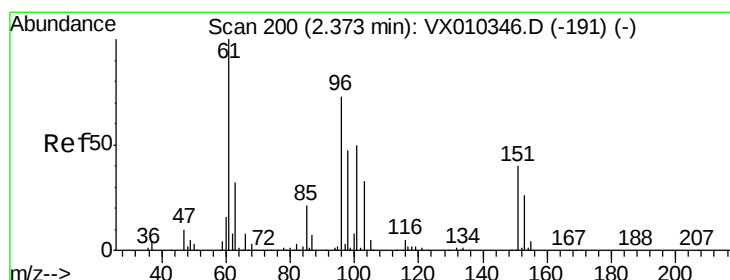
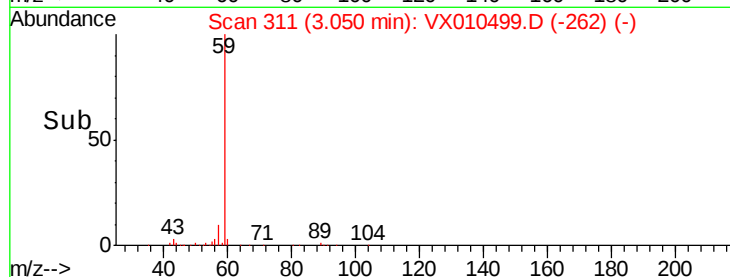
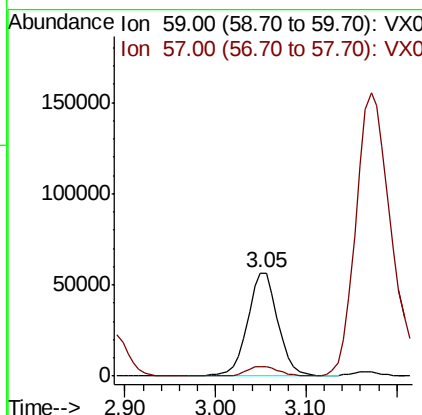
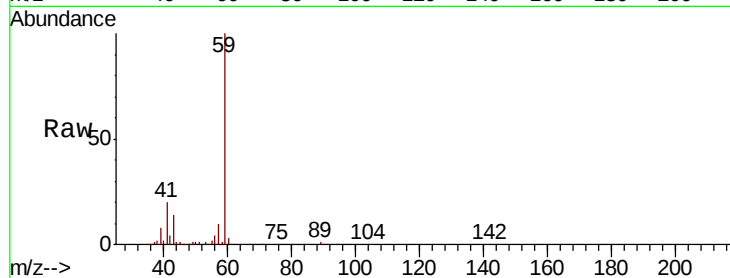


#11

Tert butyl alcohol
Concen: 216.031 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :

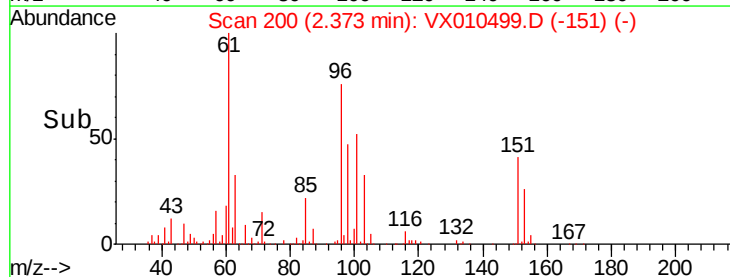
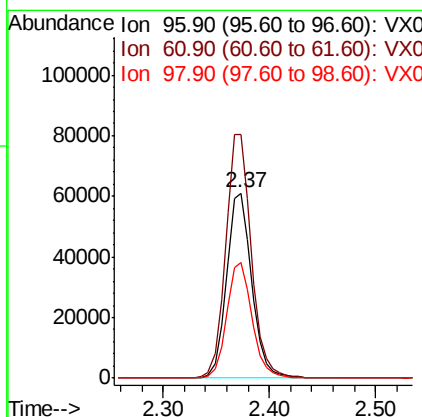
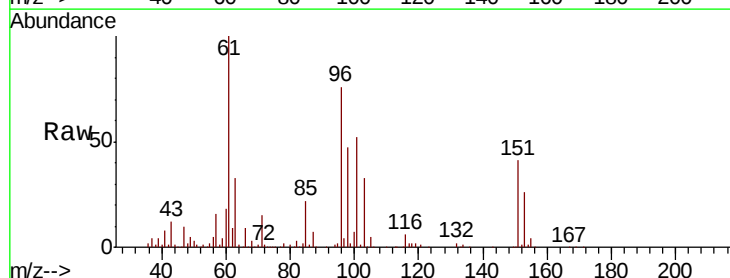
Tot Ion: 59 Resp: 130289
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12

1,1-Dichloroethene
Concen: 47.451 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 96 Resp: 101107
Ion Ratio Lower Upper
96 100
61 131.3 109.2 163.8
98 62.1 51.1 76.7





#13

Acrolein

Concen: 191.695 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

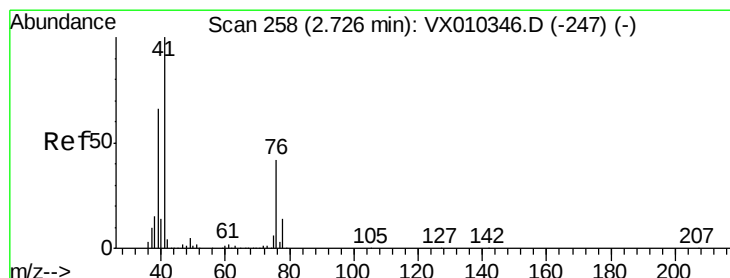
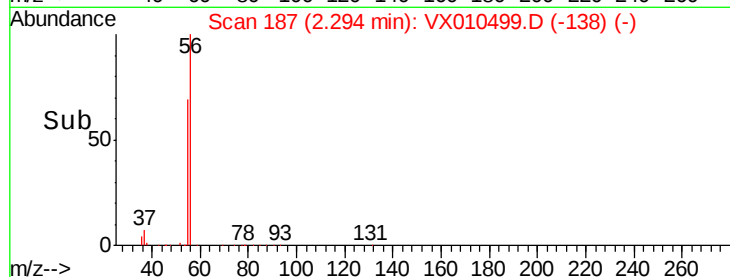
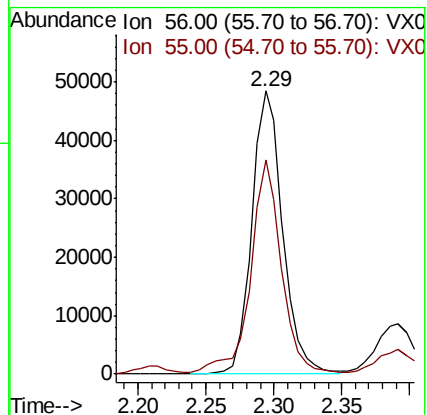
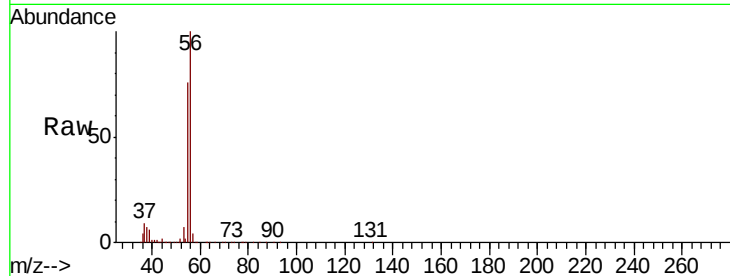
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 76694

Ion Ratio Lower Upper

56 100

55 75.0 56.9 85.3



#14

Allyl chloride

Concen: 47.568 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

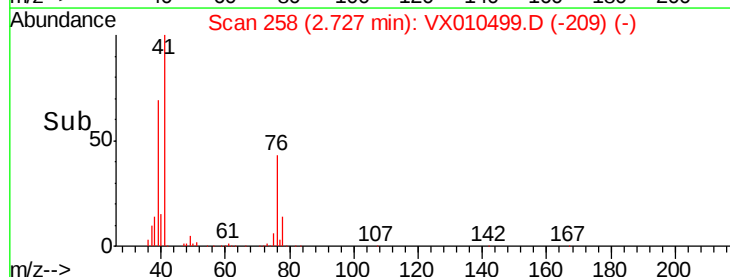
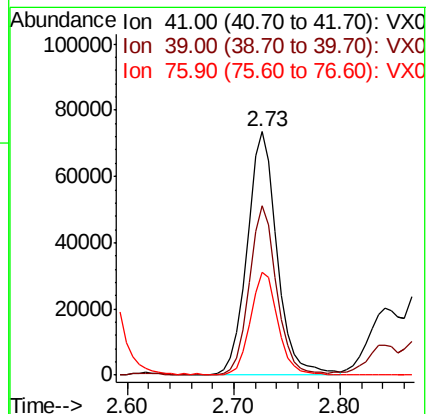
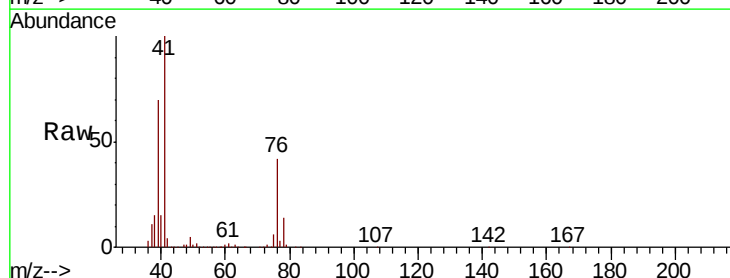
Tgt Ion: 41 Resp: 143896

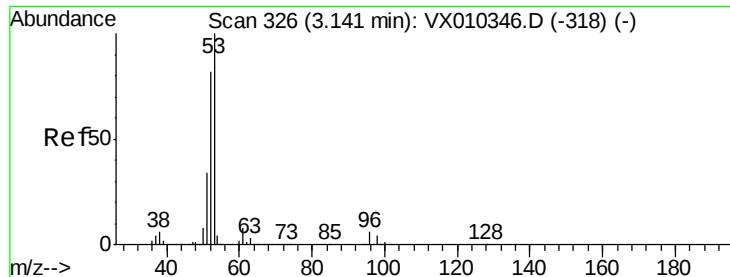
Ion Ratio Lower Upper

41 100

39 64.0 50.3 75.5

76 39.0 31.3 46.9





#15

Acrylonitrile

Concen: 262.079 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

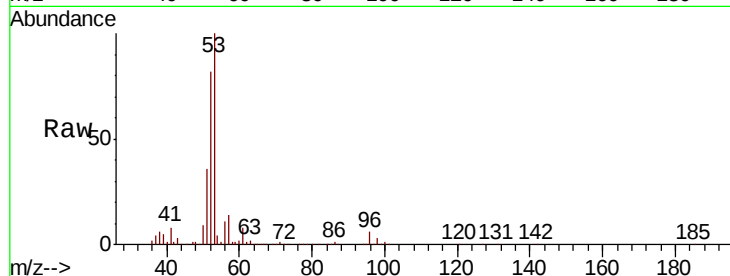
Tot Ion: 53 Resp: 312942

Ion Ratio Lower Upper

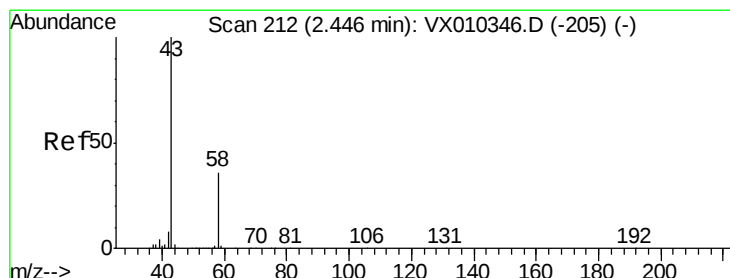
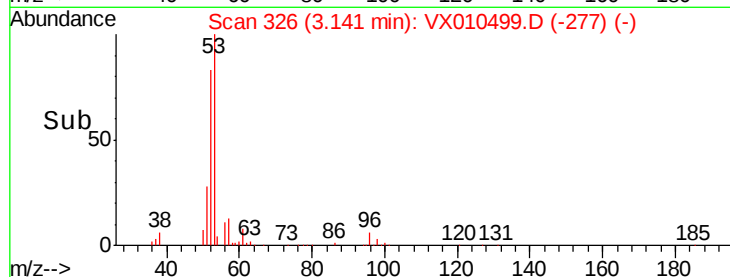
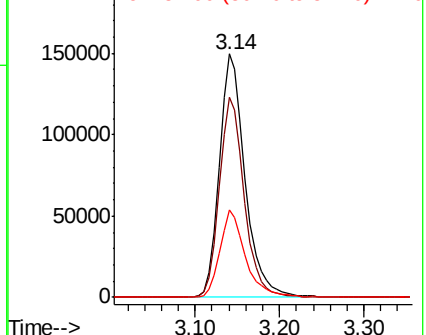
53 100

52 79.7 65.5 98.3

51 35.6 28.2 42.4



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



#16

Acetone

Concen: 205.273 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010499.D

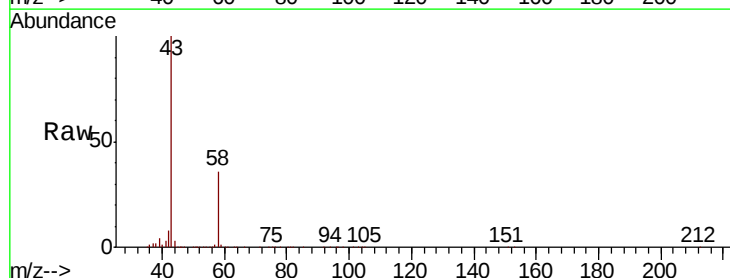
Acq: 27 Jun 2019 19:13

Tgt Ion: 43 Resp: 237115

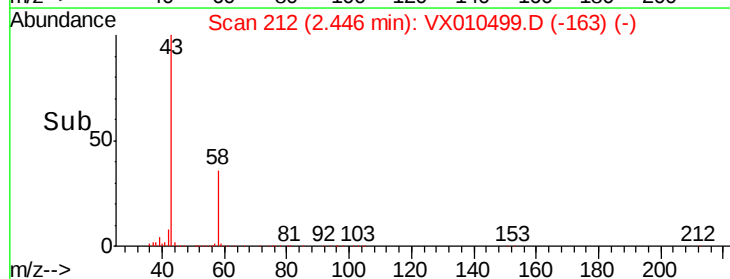
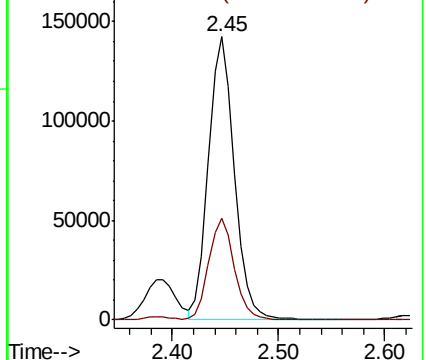
Ion Ratio Lower Upper

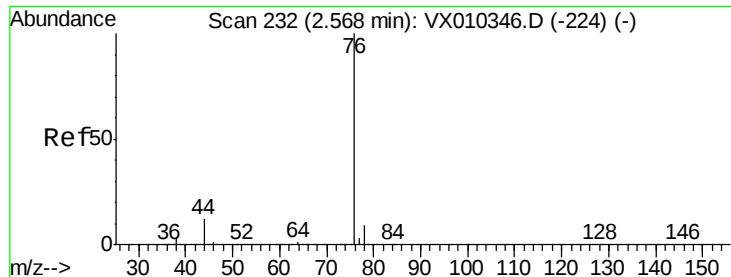
43 100

58 35.9 28.9 43.3



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

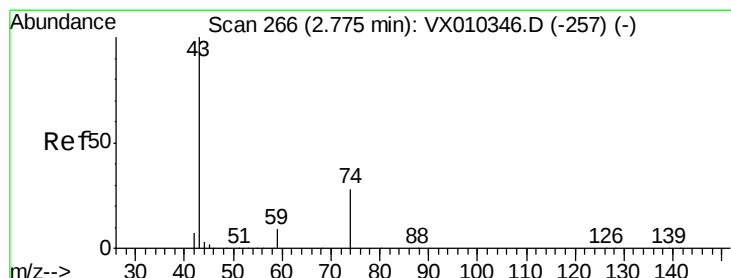
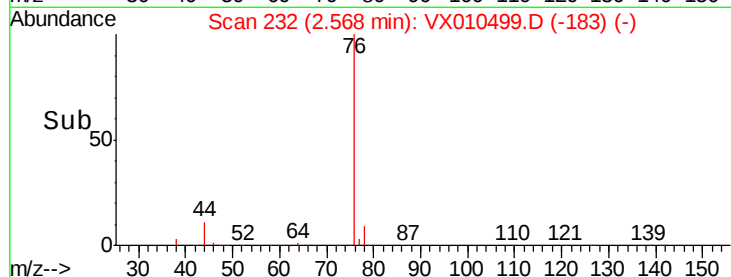
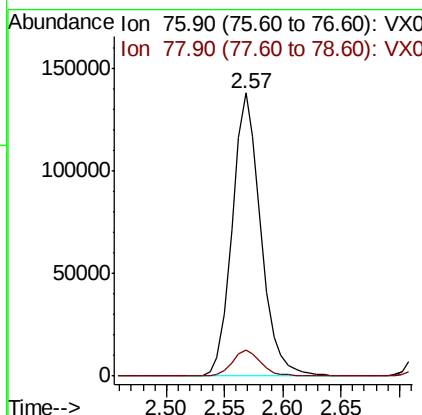
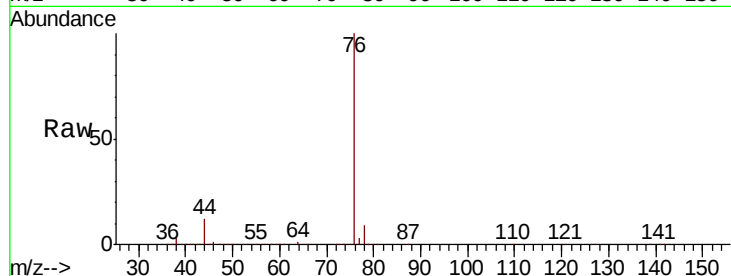




#17
Carbon Disulfide
Concen: 41.142 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

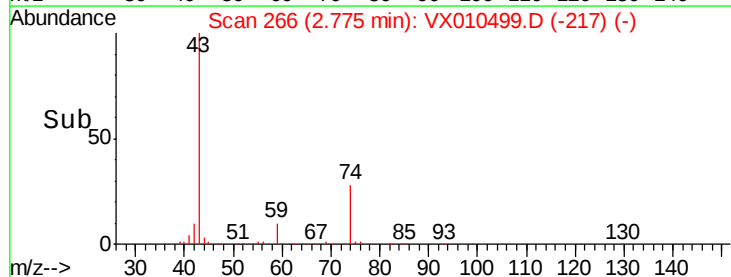
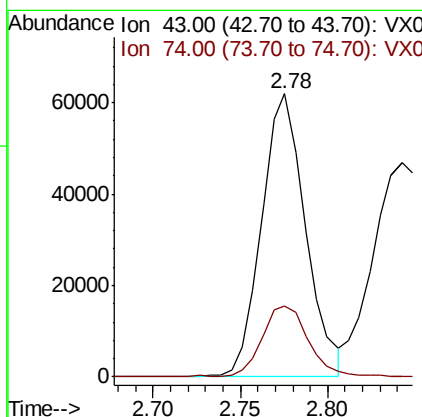
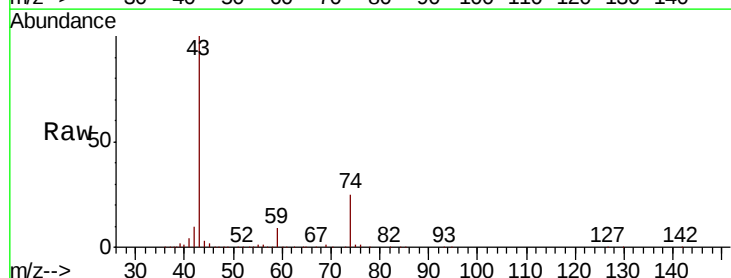
Instrument :
MSVOA_X
ClientSampleId :

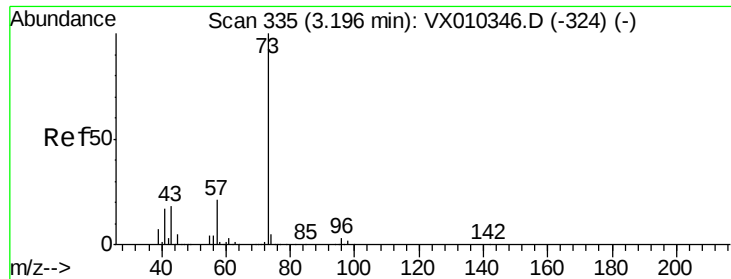
Tot Ion: 76 Resp: 235191
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 46.869 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 43 Resp: 107903
Ion Ratio Lower Upper
43 100
74 25.9 21.3 31.9



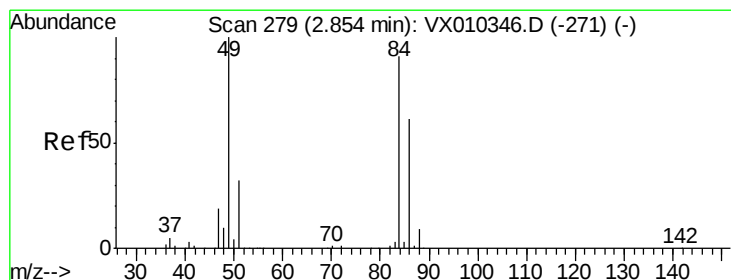
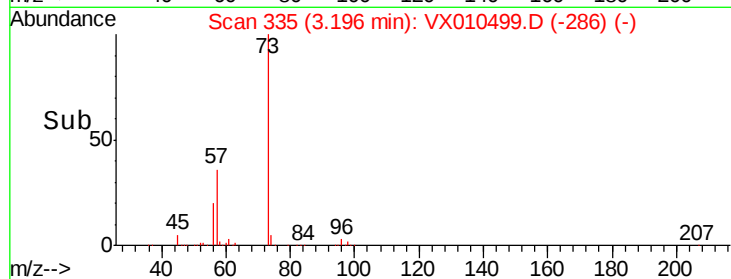
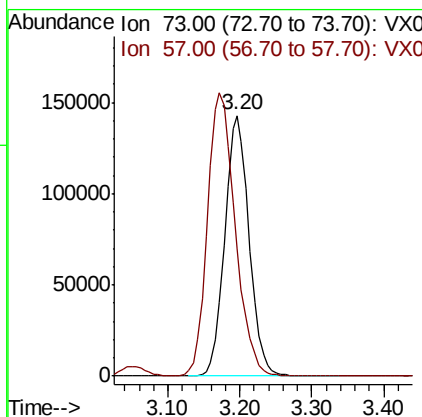
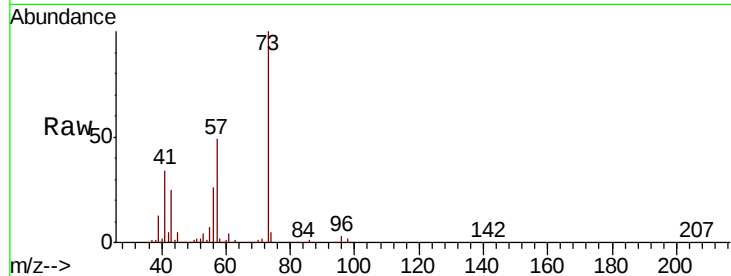


#19

Methyl tert-butyl Ether
 Concen: 49.789 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :

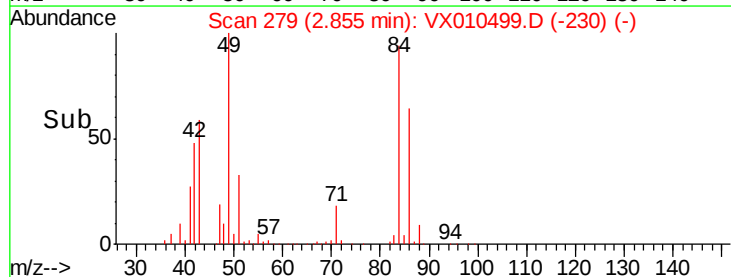
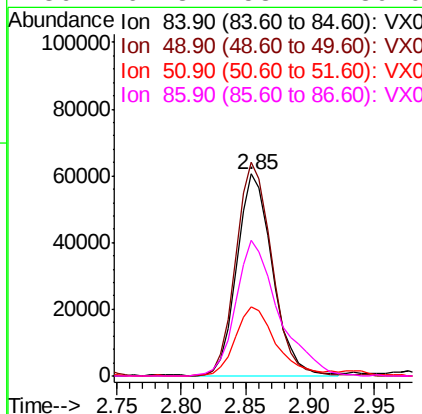
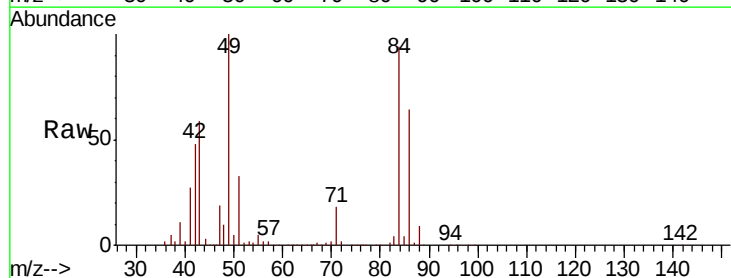
Tot Ion: 73 Resp: 333742
 Ion Ratio Lower Upper
 73 100
 57 48.8 16.4 24.6#

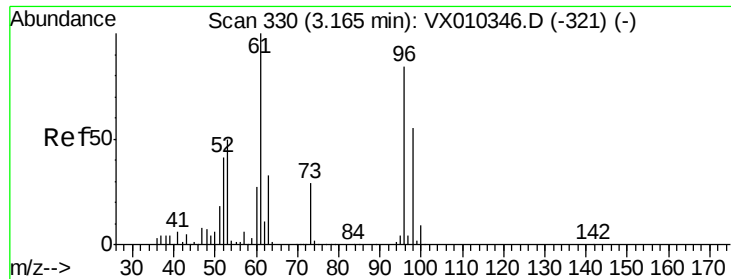


#20

Methylene Chloride
 Concen: 48.950 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion: 84 Resp: 116363
 Ion Ratio Lower Upper
 84 100
 49 105.7 87.5 131.3
 51 34.3 27.7 41.5
 86 67.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.580 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :

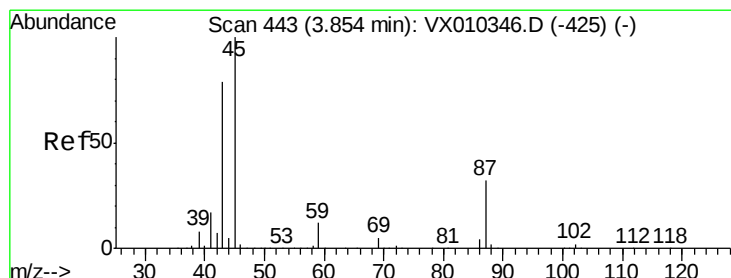
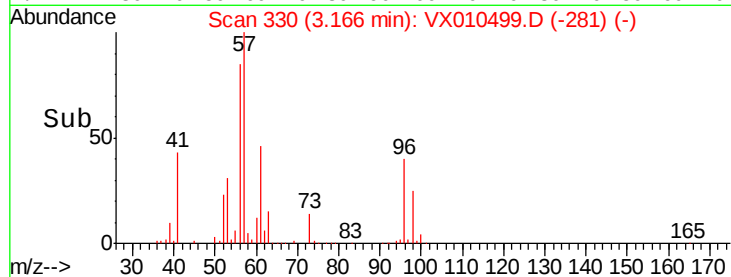
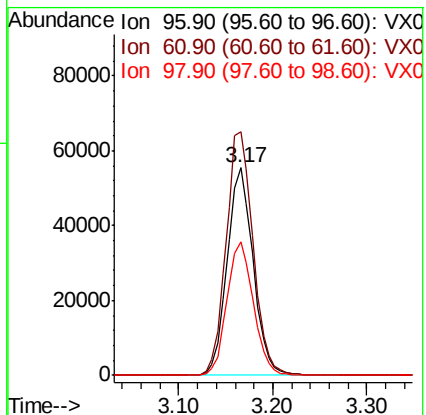
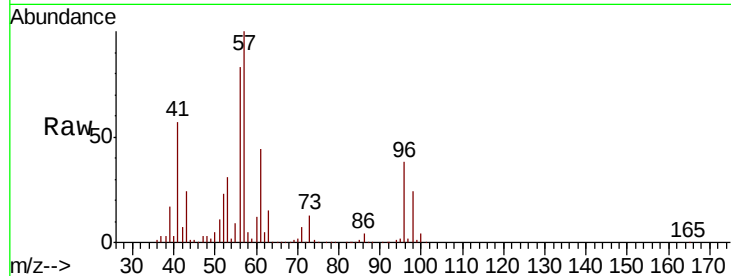
Tot Ion: 96 Resp: 106744

Ion Ratio Lower Upper

96 100

61 117.1 95.6 143.4

98 64.1 52.5 78.7



#22

Diisopropyl ether

Concen: 49.460 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion: 45 Resp: 312821

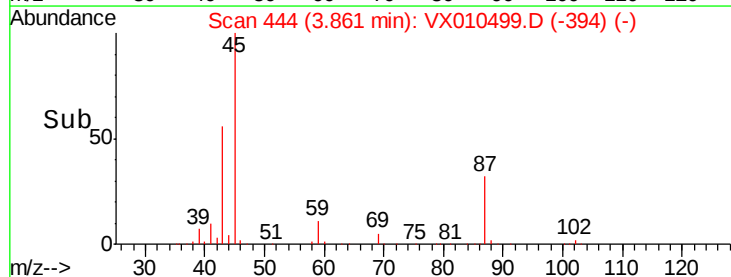
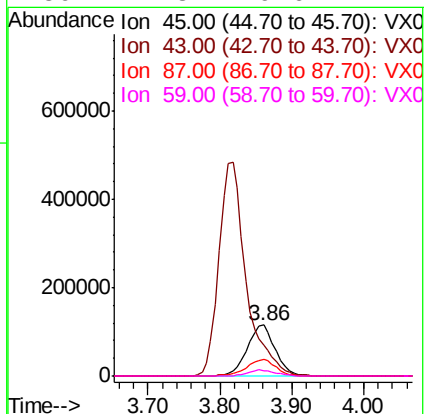
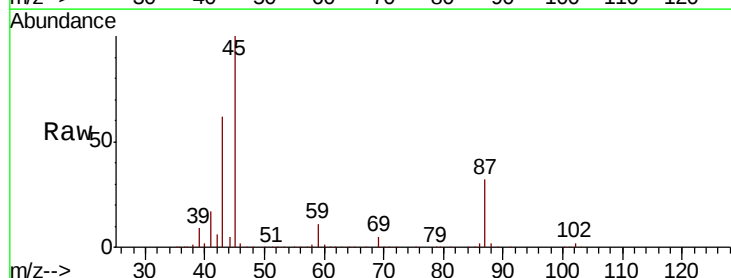
Ion Ratio Lower Upper

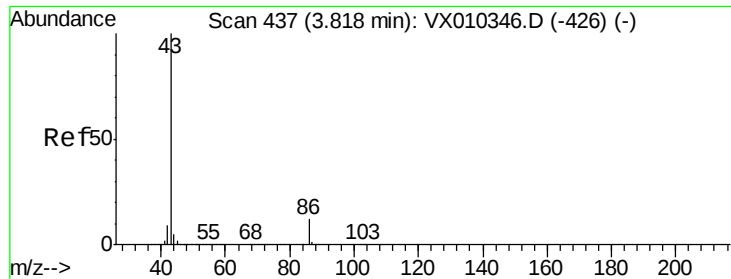
45 100

43 61.3 63.3 94.9#

87 32.5 25.8 38.8

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 232.988 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

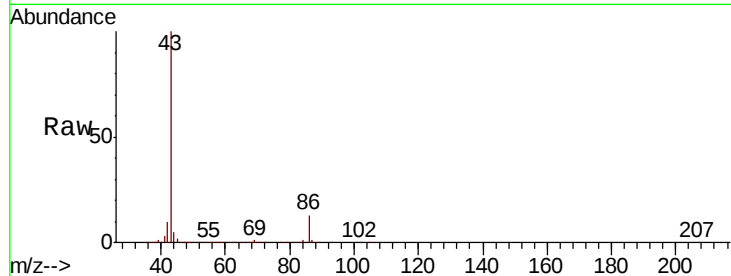
ClientSampled :

Tot Ion: 43 Resp: 1273014

Ion Ratio Lower Upper

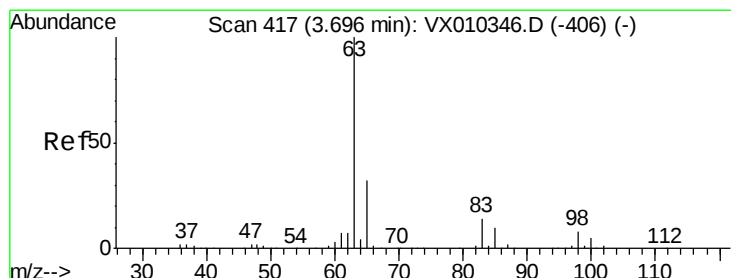
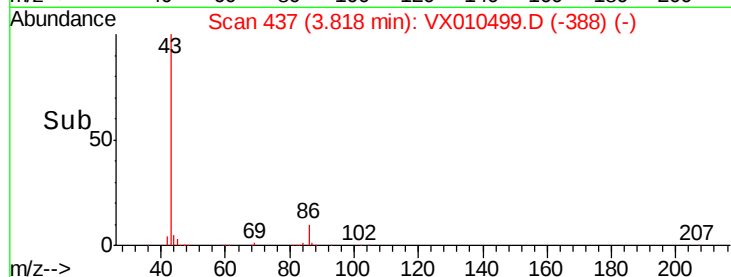
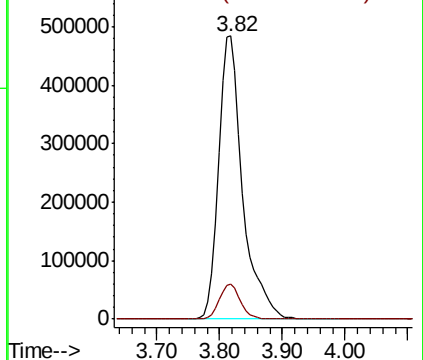
43 100

86 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.034 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

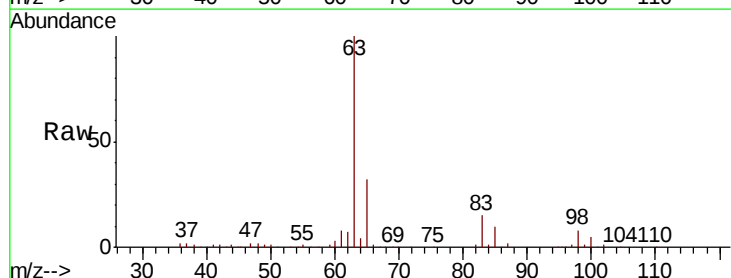
Tgt Ion: 63 Resp: 179263

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

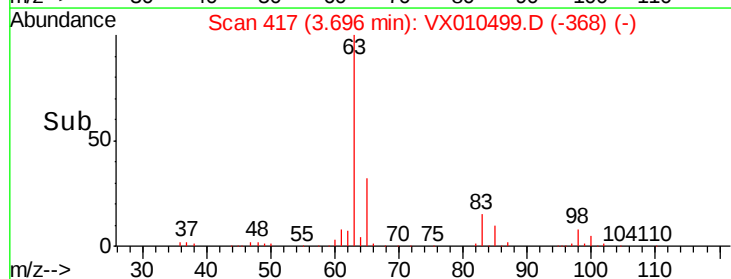
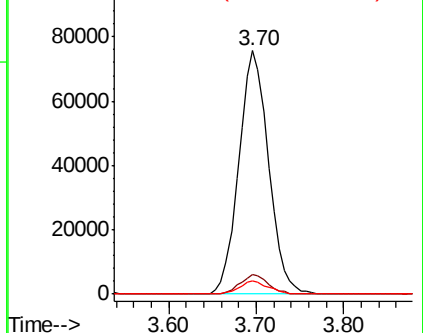
100 5.4 2.4 7.1

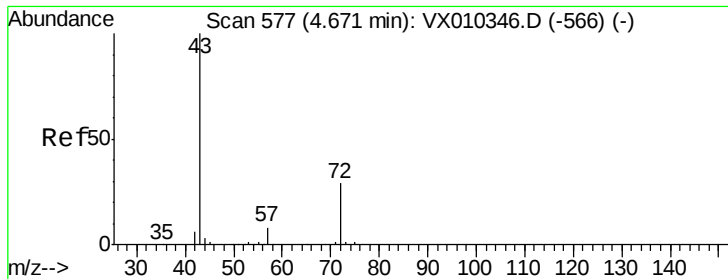


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.390 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

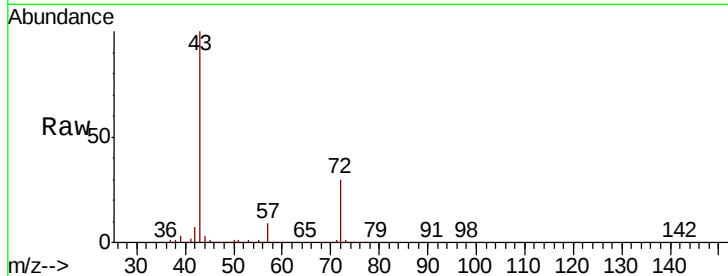
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 402236

Ion Ratio Lower Upper

43 100

72 29.8 23.3 34.9

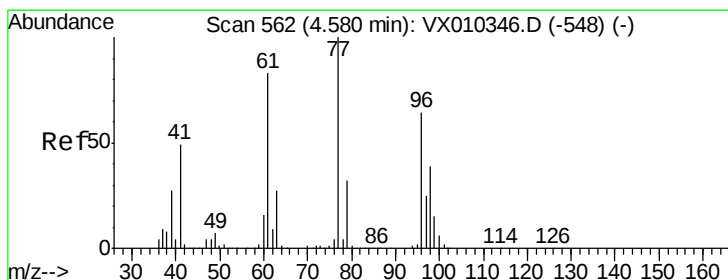
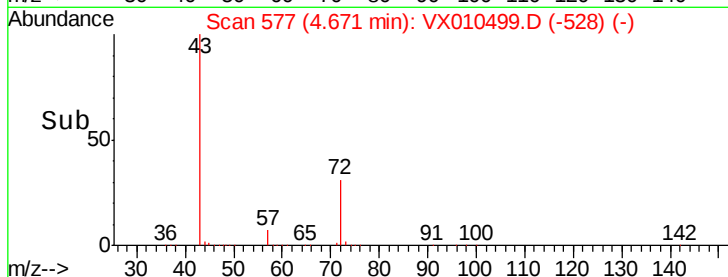


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Time-->

Mass spectrum showing relative abundance (0 to 150000) versus Time (4.60 to 4.80 min). Key peaks are labeled at 4.67 min.



#26

2,2-Dichloropropane

Concen: 40.937 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010499.D

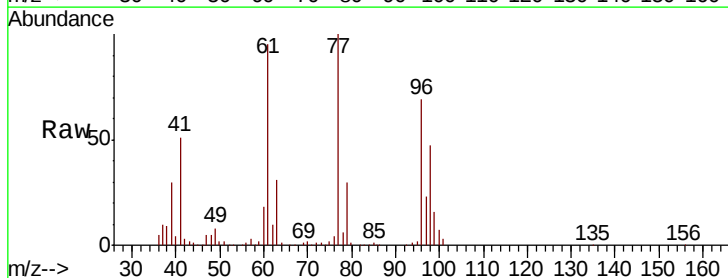
Acq: 27 Jun 2019 19:13

Tgt Ion: 77 Resp: 130009

Ion Ratio Lower Upper

77 100

97 26.5 13.1 39.3

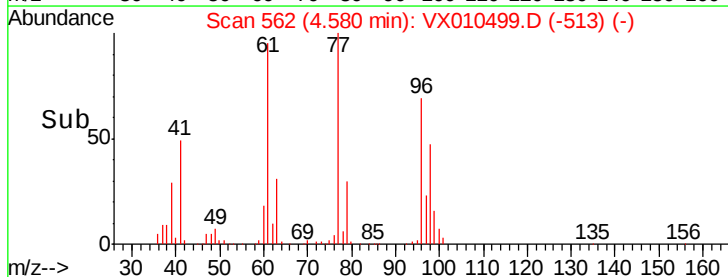


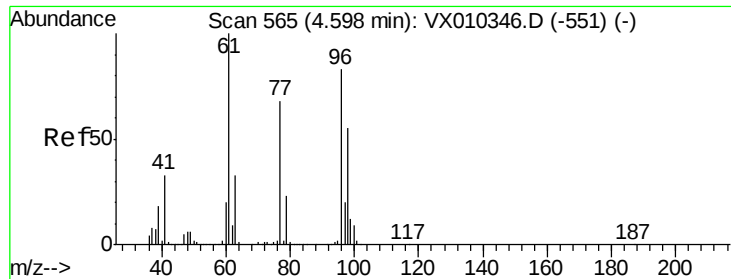
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

Time-->

Mass spectrum showing relative abundance (0 to 50000) versus Time (4.40 to 4.70 min). Key peaks are labeled at 4.58 min.



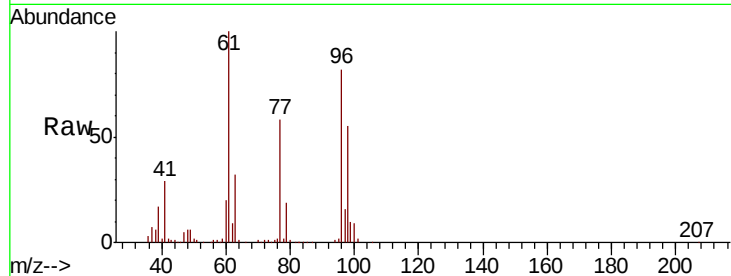


#27

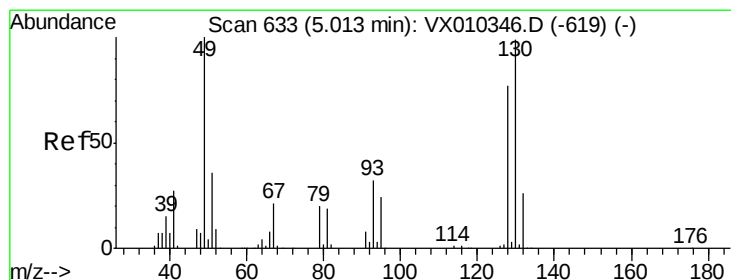
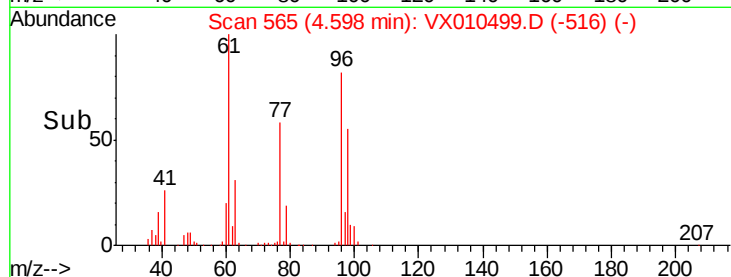
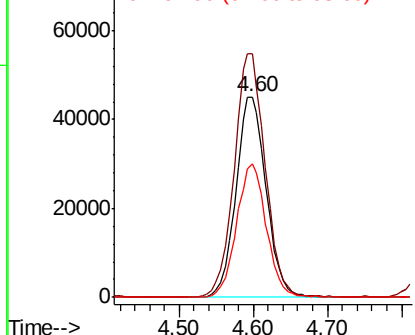
cis-1,2-Dichloroethene
Concen: 48.324 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 127971
Ion Ratio Lower Upper
96 100
61 124.8 0.0 251.8
98 65.9 0.0 129.4



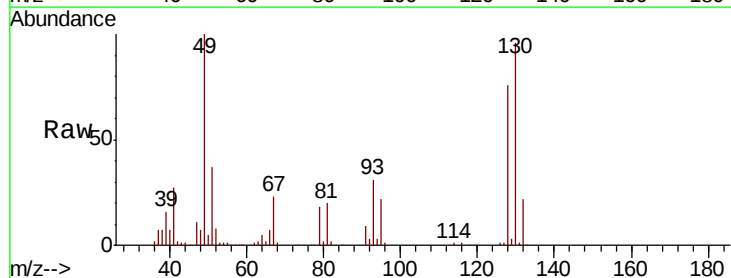
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



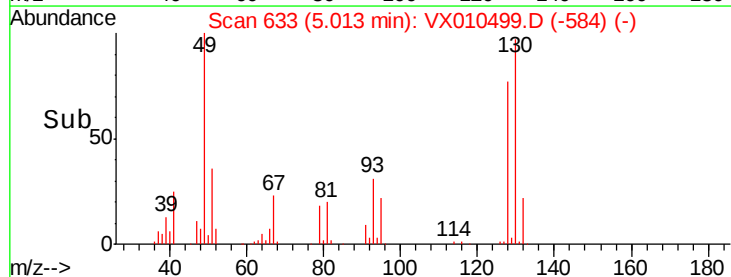
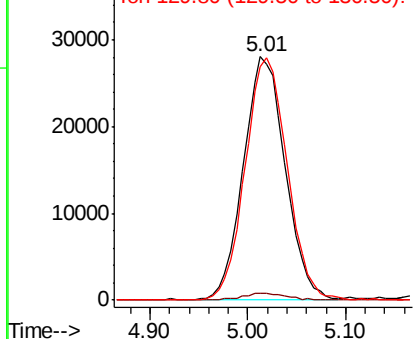
#28

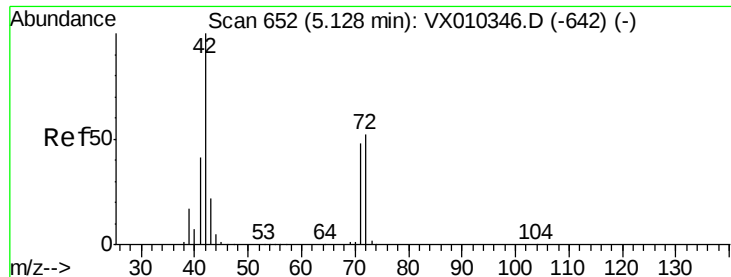
Bromochloromethane
Concen: 47.865 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 49 Resp: 83666
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 99.9 81.4 122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 253.550 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampled :

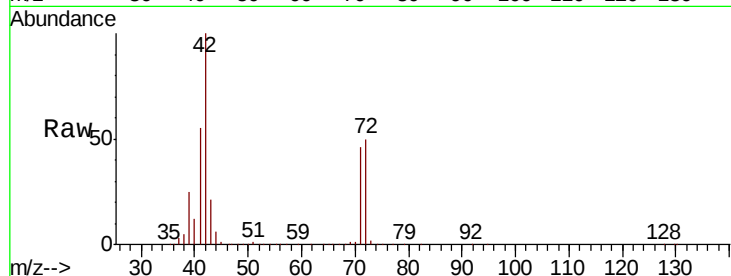
Tot Ion: 42 Resp: 266108

Ion Ratio Lower Upper

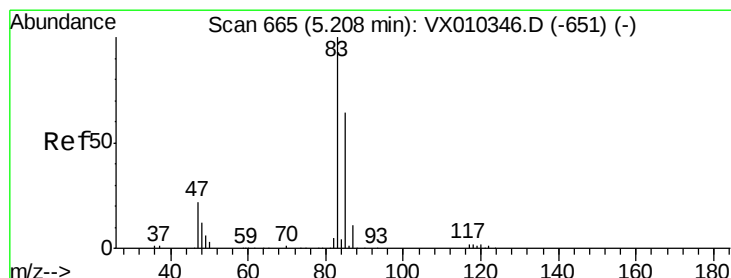
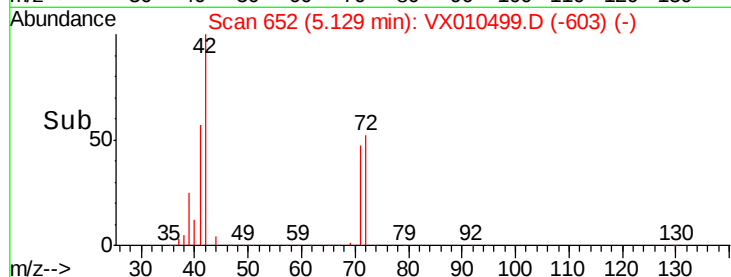
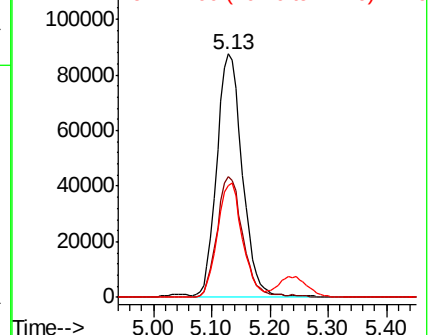
42 100

72 50.9 40.6 60.8

71 46.1 37.8 56.8



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



#30

Chloroform

Concen: 49.458 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010499.D

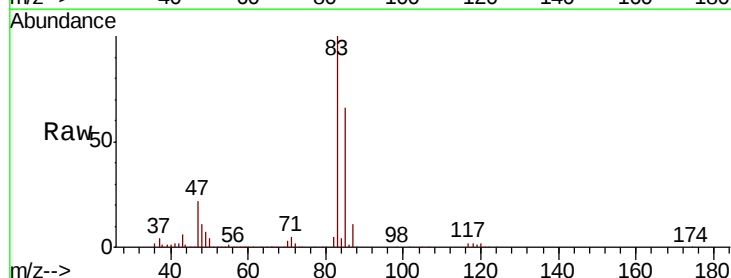
Acq: 27 Jun 2019 19:13

Tgt Ion: 83 Resp: 194544

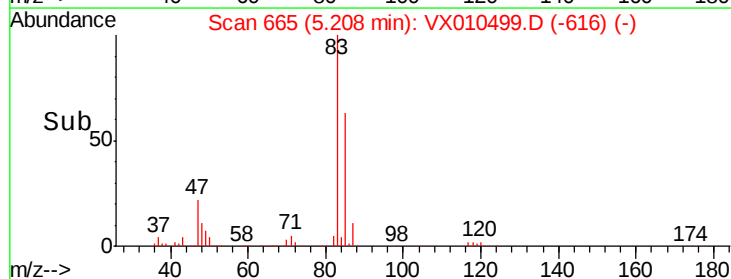
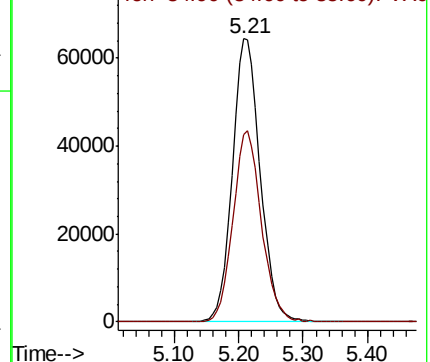
Ion Ratio Lower Upper

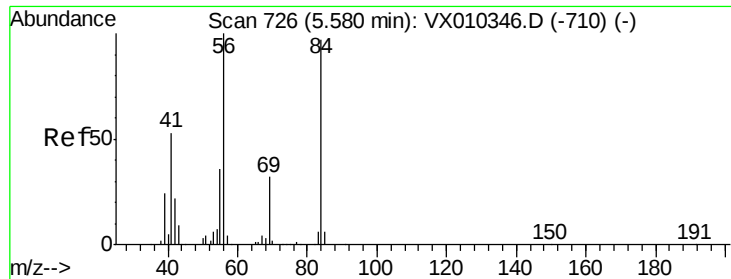
83 100

85 66.0 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

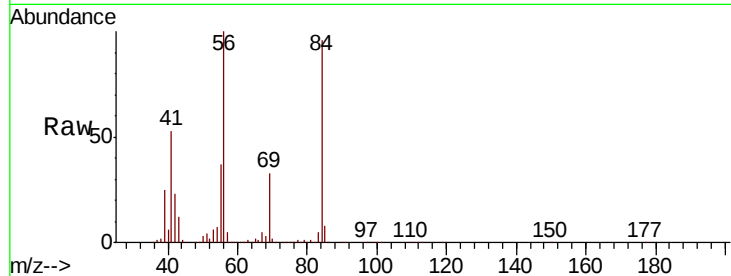




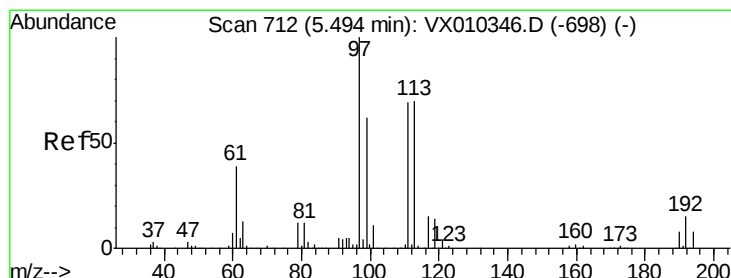
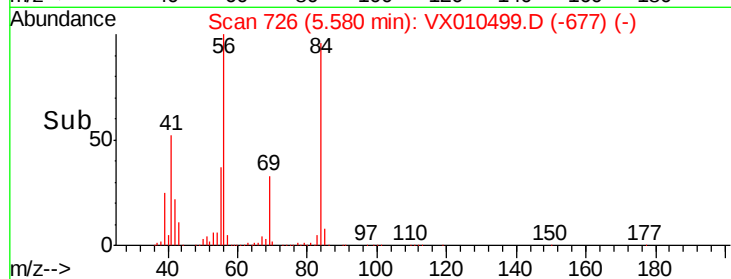
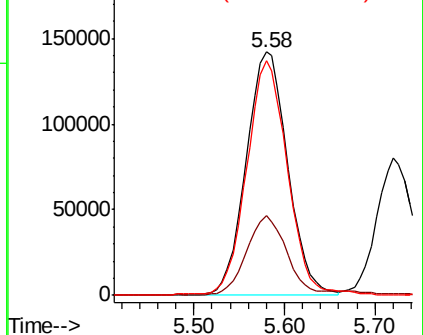
#31
Cyclohexane
Concen: 134.908 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	56	Resp	449136
Ion Ratio	Lower	Upper	
56	100		
69	32.3	25.9	38.9
84	95.8	78.0	117.0

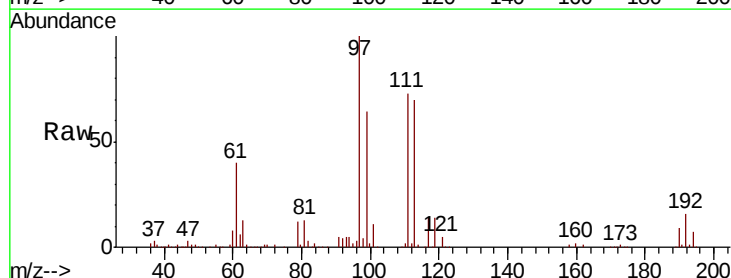


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

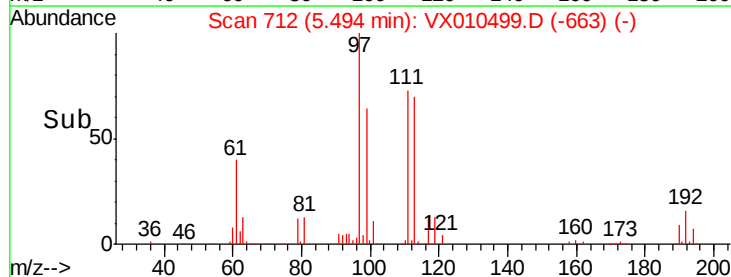
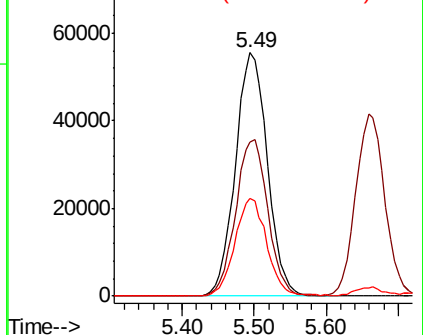


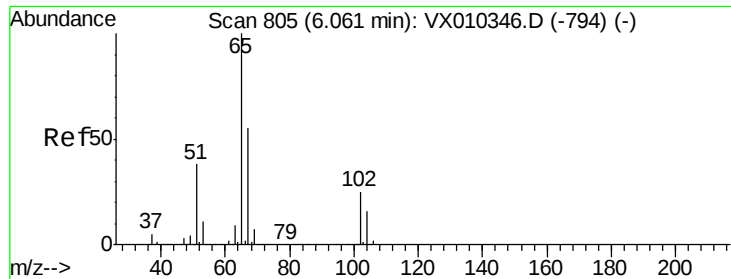
#32
1,1,1-Trichloroethane
Concen: 49.355 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	97	Resp	171424
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.8	77.8
61	39.7	32.1	48.1



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





#33

1,2-Dichloroethane-d4

Concen: 49.395 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

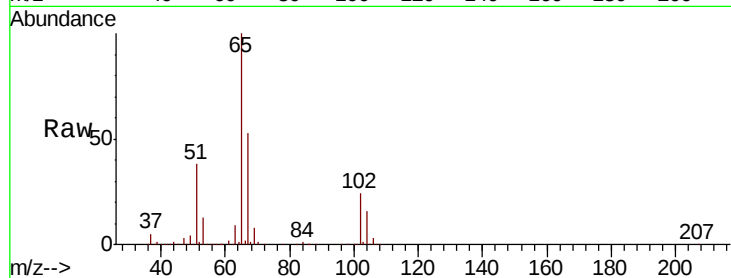
ClientSampleId :

Tot Ion: 65 Resp: 113848

Ion Ratio Lower Upper

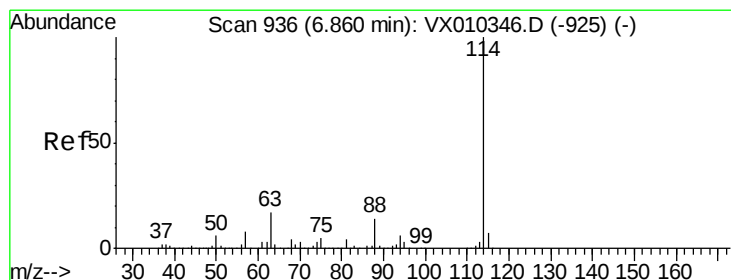
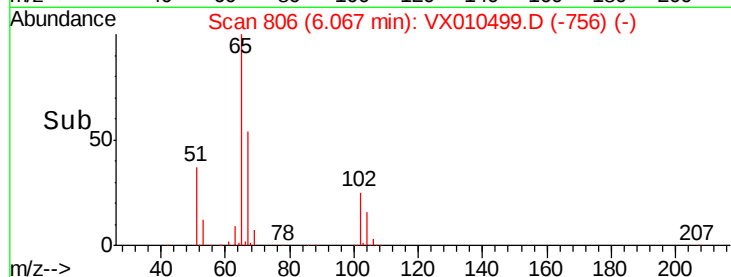
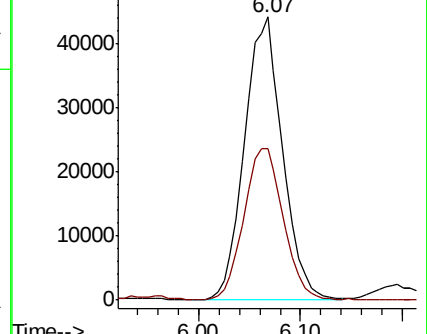
65 100

67 55.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

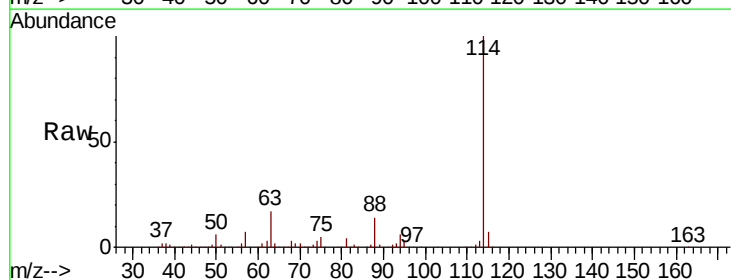
Tgt Ion: 114 Resp: 369018

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

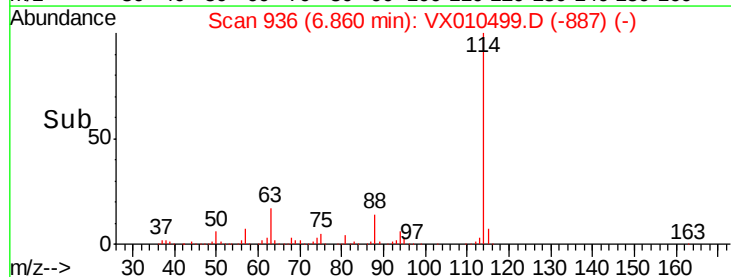
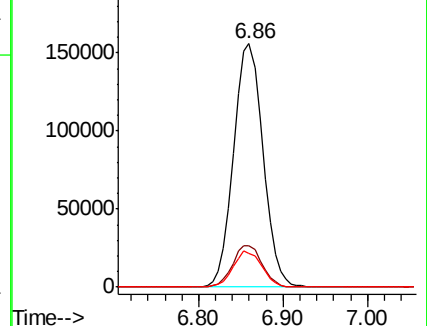
88 13.9 0.0 27.6

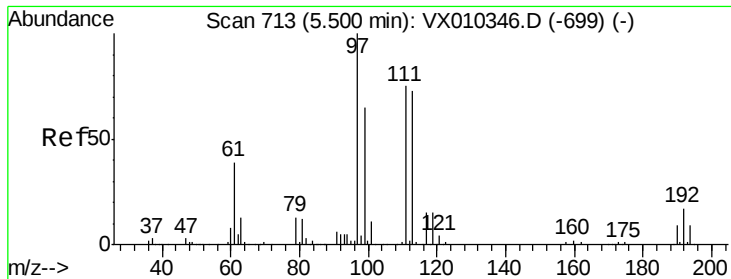


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

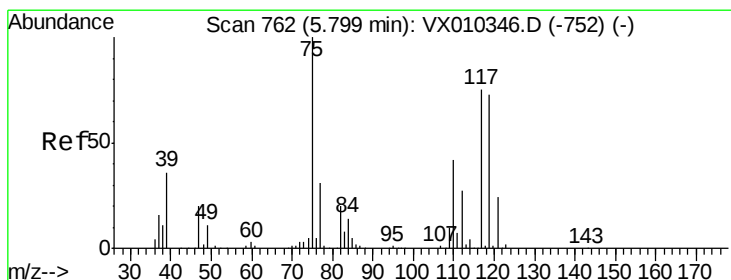
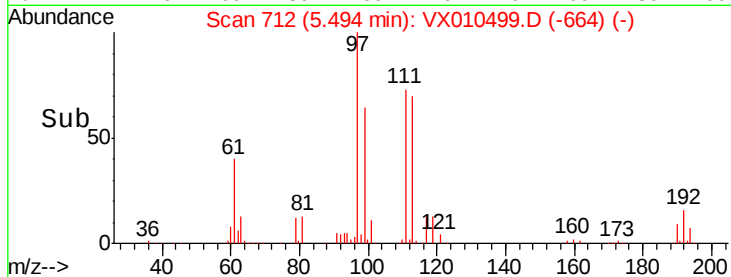
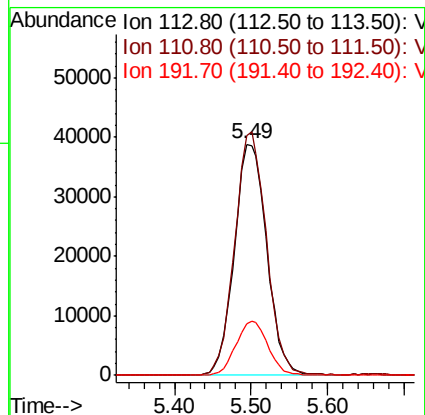
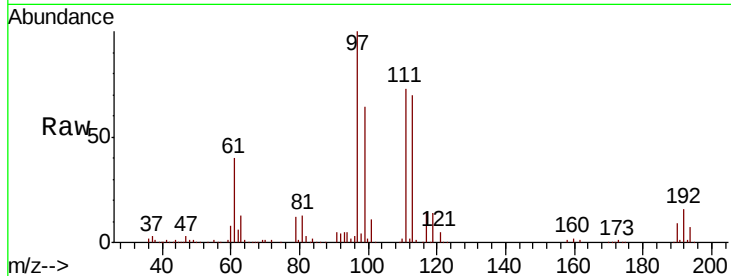




#35
 Dibromofluoromethane
 Concen: 50.664 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

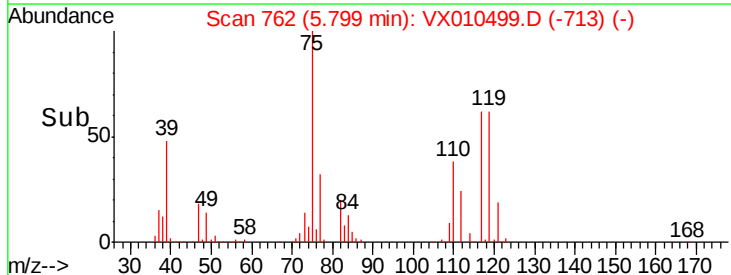
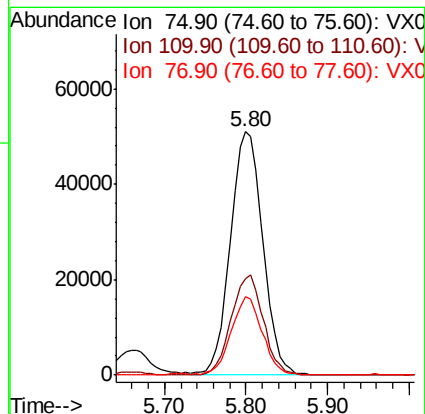
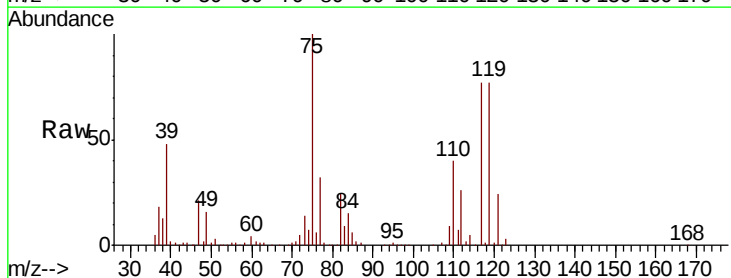
Instrument :
 MSVOA_X
 ClientSampleId :

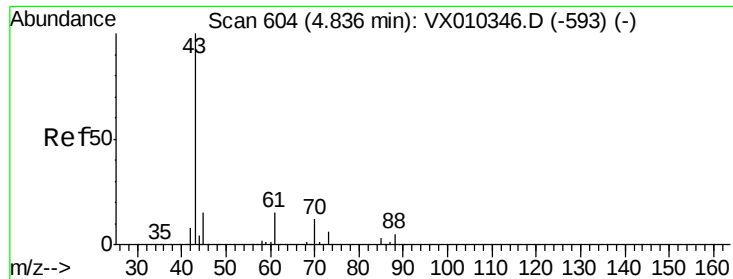
Tot Ion:113 Resp: 114388
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 23.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 47.499 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion: 75 Resp: 139287
 Ion Ratio Lower Upper
 75 100
 110 40.7 20.8 62.2
 77 30.5 25.4 38.0

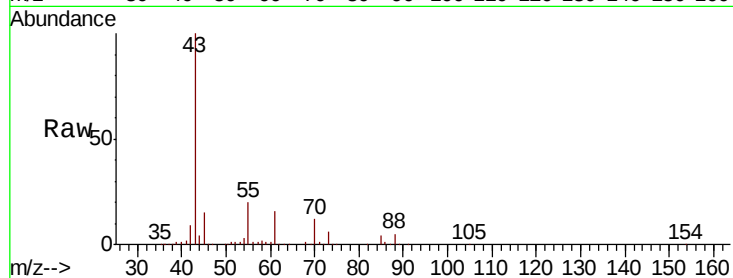




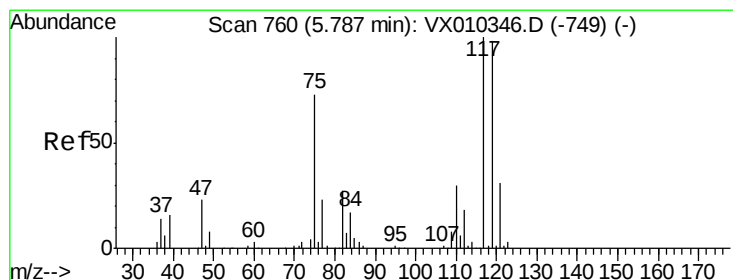
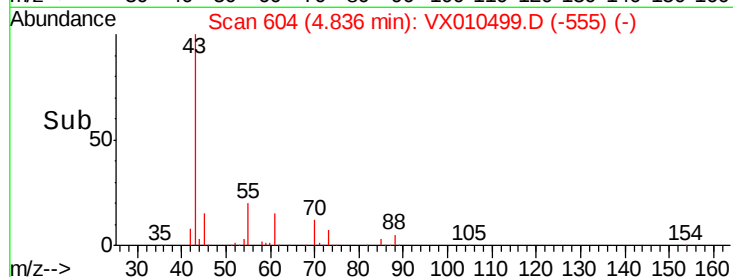
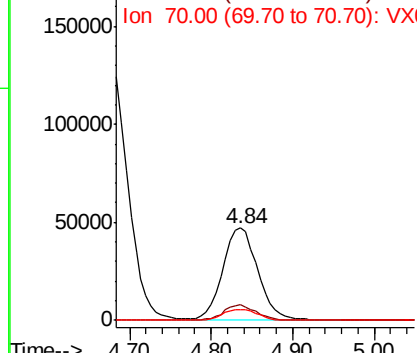
#37
Ethyl Acetate
Concen: 46.289 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 139643
Ion Ratio Lower Upper
43 100
61 15.8 12.4 18.6
70 12.2 9.8 14.8

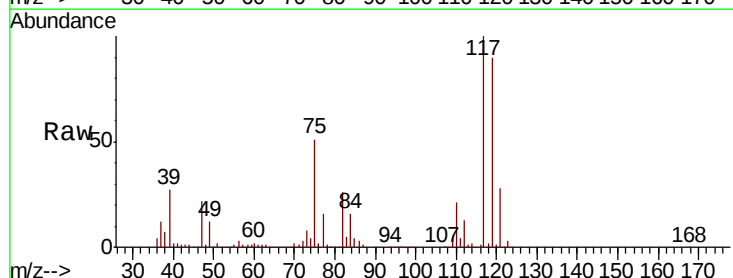


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

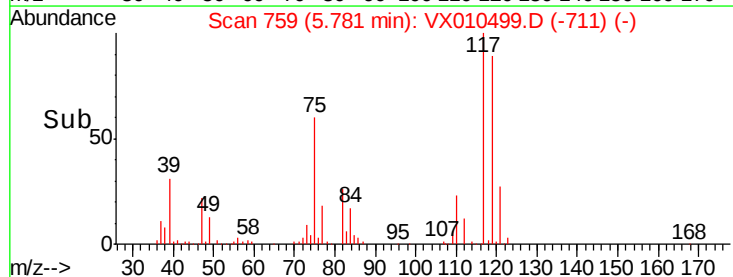
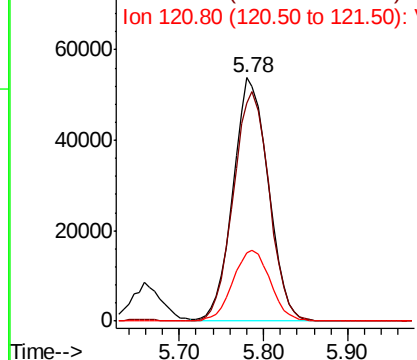


#38
Carbon Tetrachloride
Concen: 48.001 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 117 Resp: 152423
Ion Ratio Lower Upper
117 100
119 89.5 78.2 117.4
121 28.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

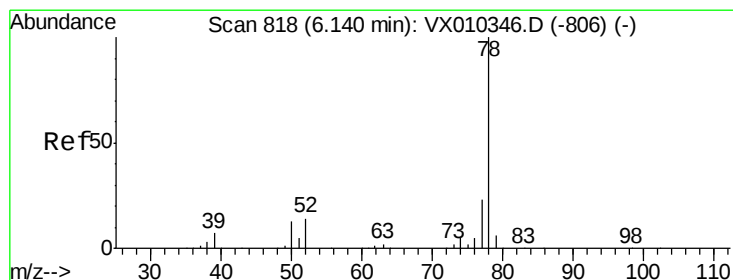
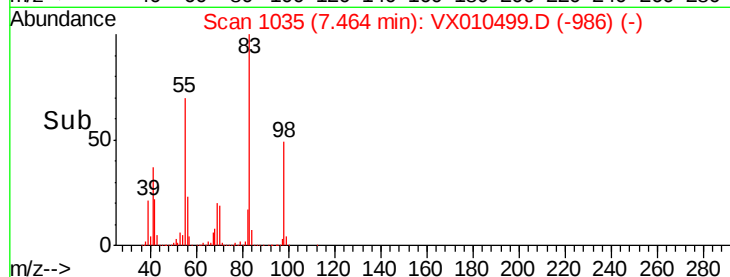
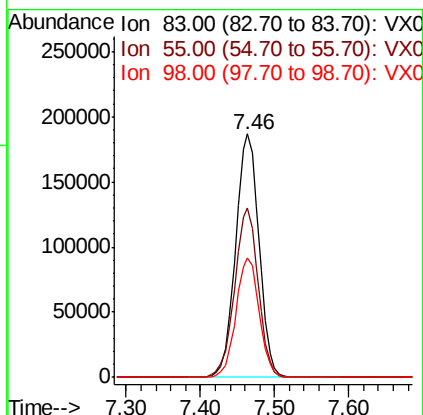
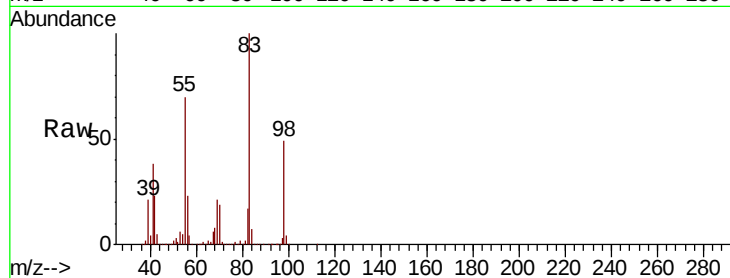




#39
Methvlcvclohexane
Concen: 106.754 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

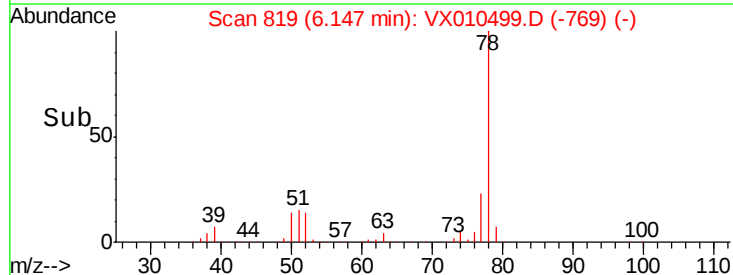
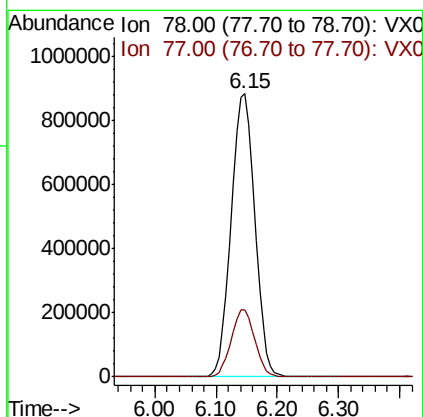
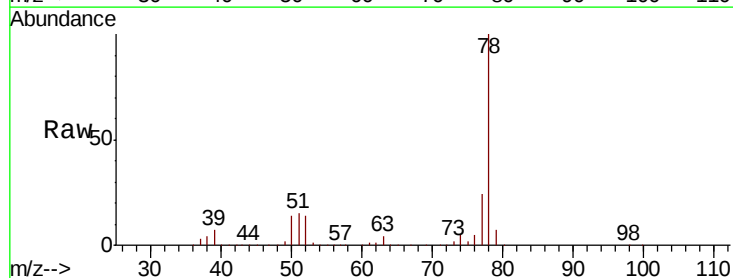
Instrument :
MSVOA_X
ClientSampleId :

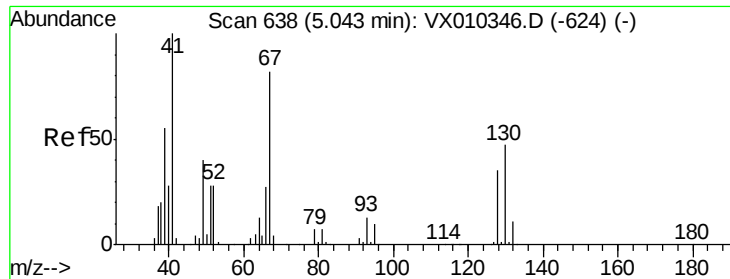
Tot Ion: 83 Resp: 411494
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 49.2 37.8 56.8



#40
Benzene
Concen: 256.984 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 78 Resp: 2347778
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

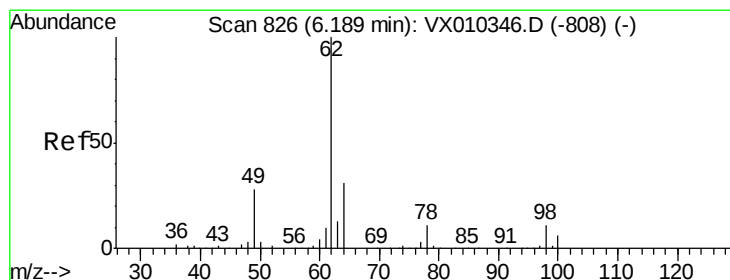
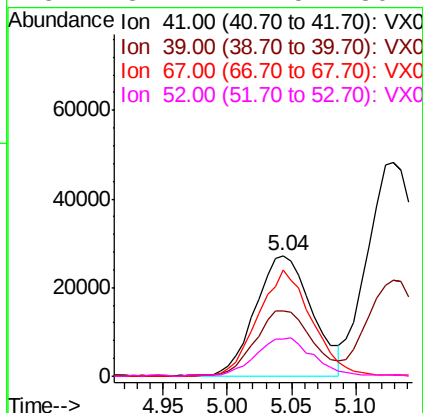
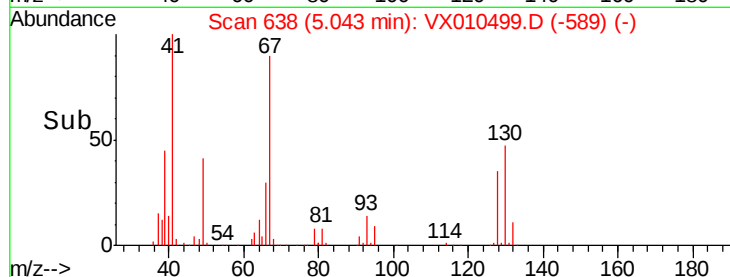
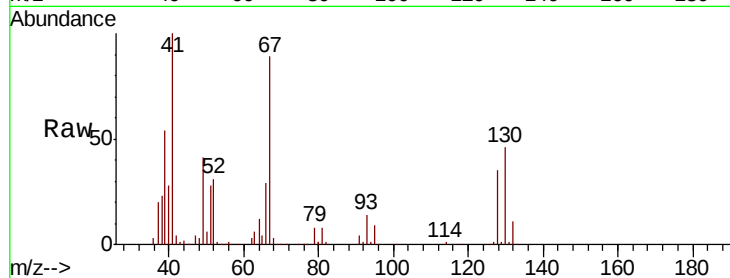




#41
Methacrylonitrile
Concen: 50.053 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

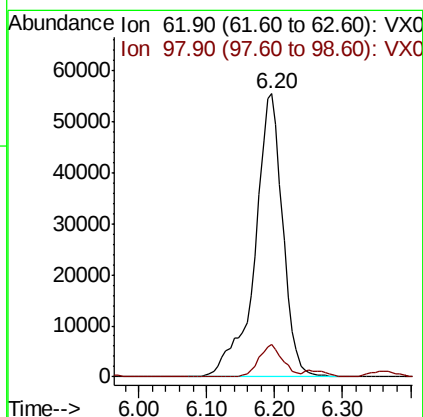
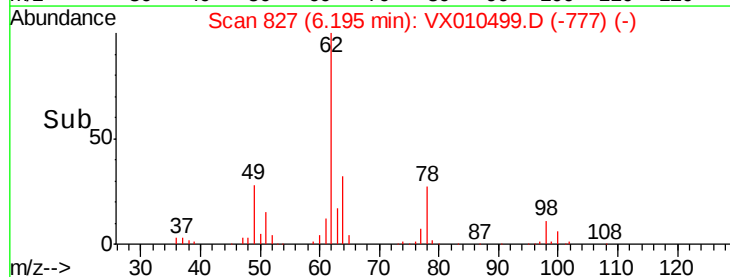
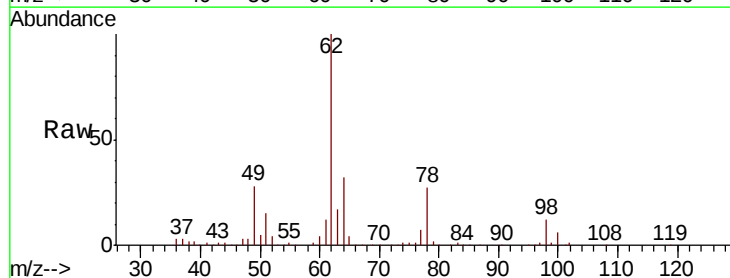
Instrument :
MSVOA_X
ClientSampled :

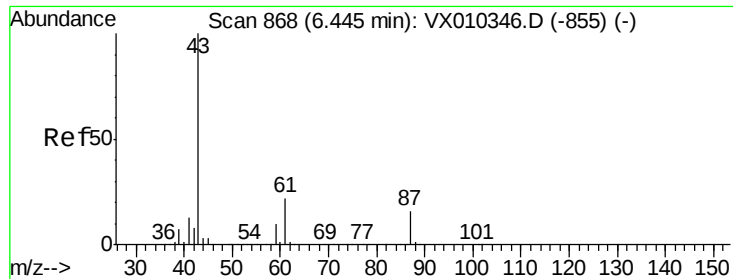
Tot Ion: 41 Resp: 82849
Ion Ratio Lower Upper
41 100
39 54.9 43.8 65.8
67 84.5 66.6 100.0
52 32.2 24.5 36.7



#42
1,2-Dichloroethane
Concen: 57.162 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 62 Resp: 158965
Ion Ratio Lower Upper
62 100
98 9.9 0.0 22.2



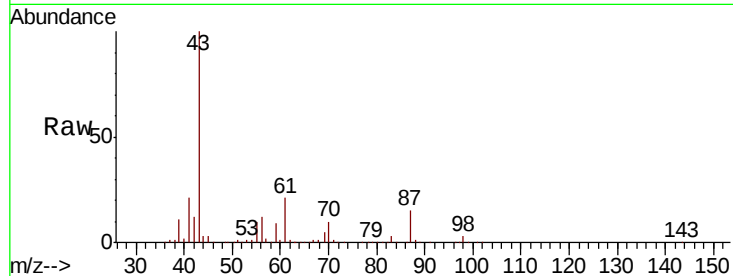


#43

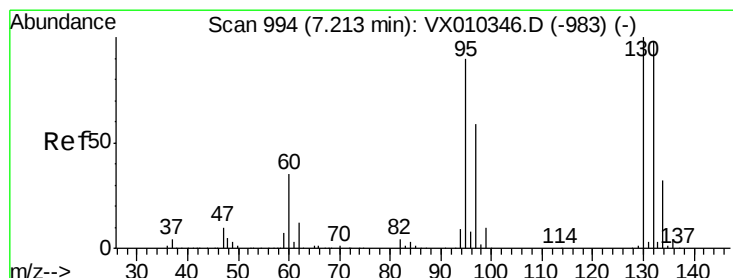
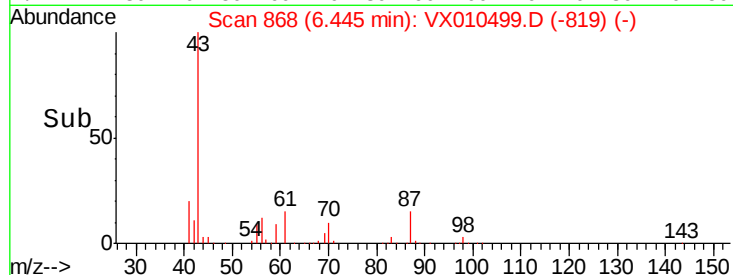
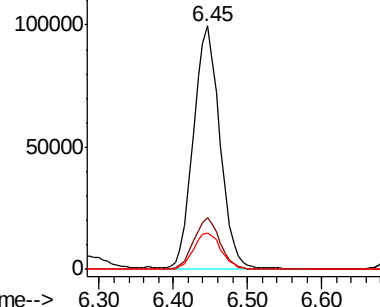
Isopropyl Acetate
 Concen: 49.286 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.8	26.6
87	15.5	13.0	19.4



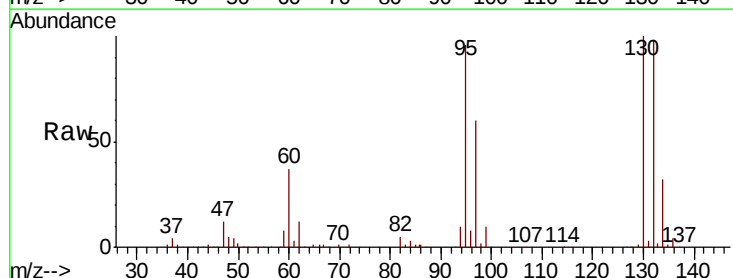
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



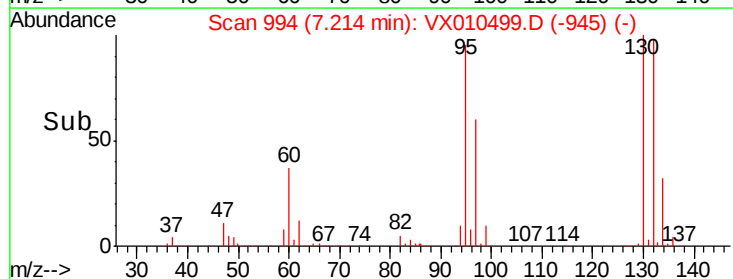
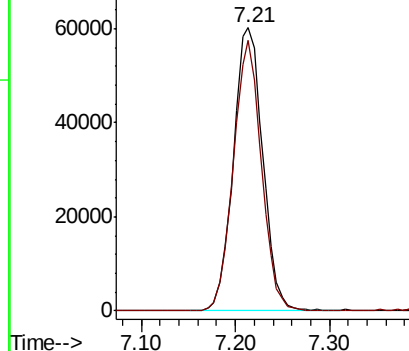
#44

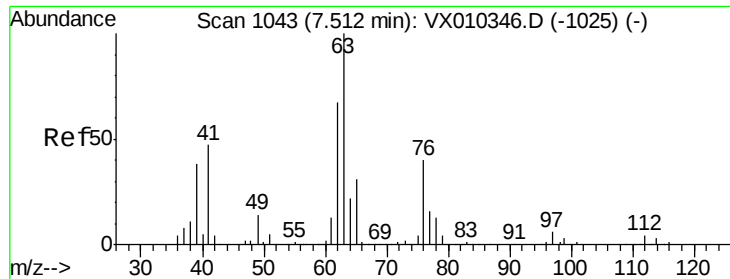
Trichloroethene
 Concen: 47.821 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	180.8



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





#45

1,2-Dichloropropane

Concen: 50.138 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

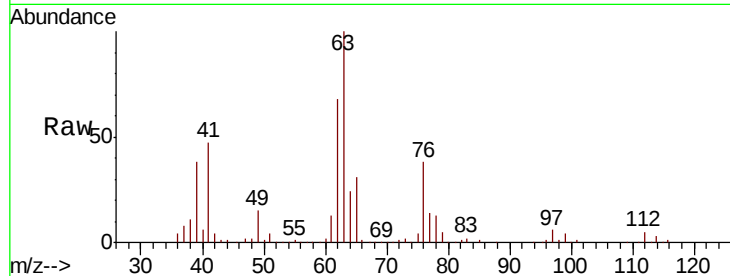
ClientSampleId :

Tot Ion: 63 Resp: 115672

Ion Ratio Lower Upper

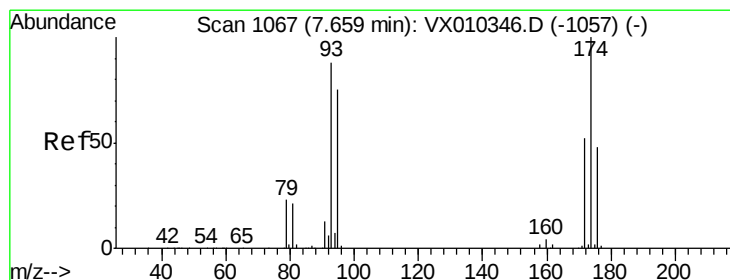
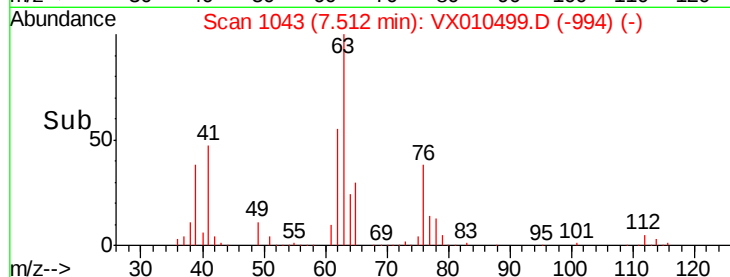
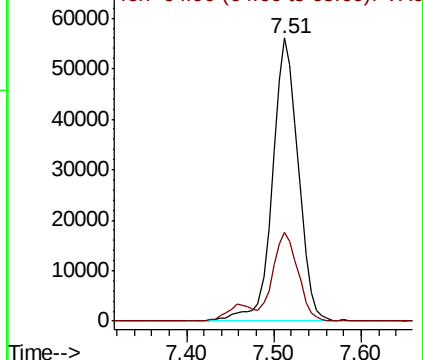
63 100

65 31.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.486 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

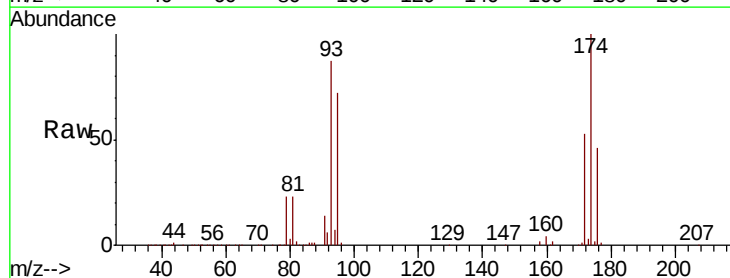
Tgt Ion: 93 Resp: 81913

Ion Ratio Lower Upper

93 100

95 84.2 67.5 101.3

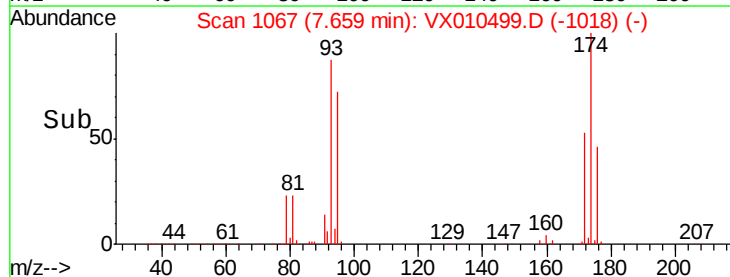
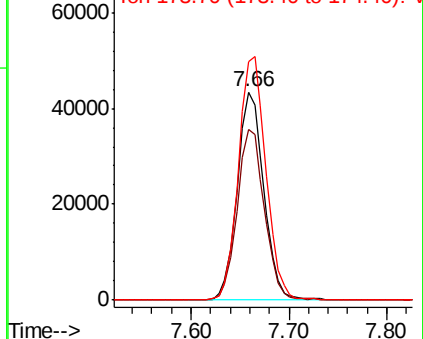
174 121.1 95.8 143.6

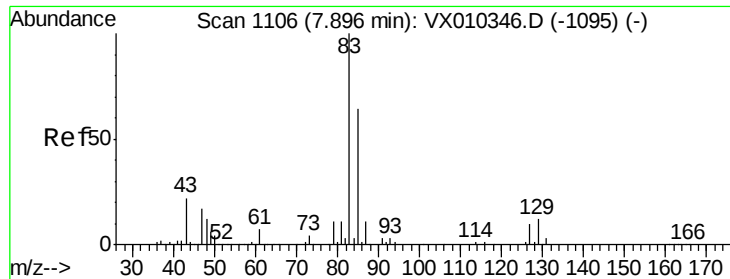


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.522 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampled :

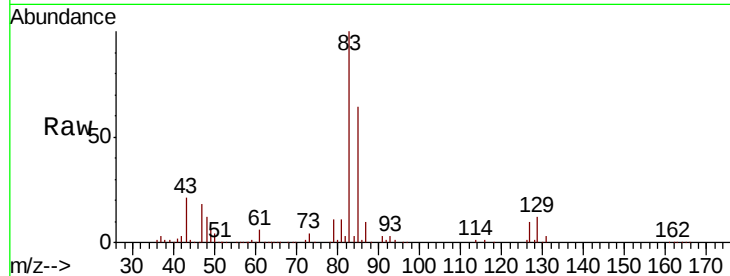
Tot Ion: 83 Resp: 150224

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

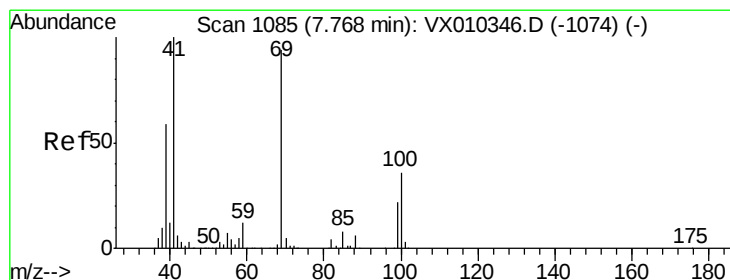
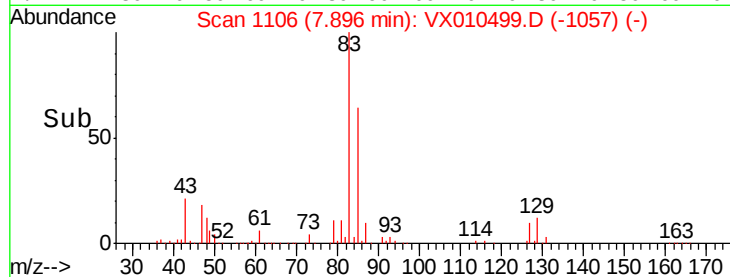
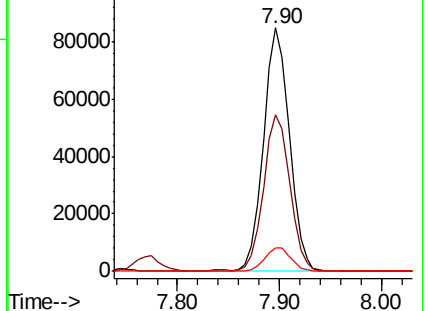
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.823 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

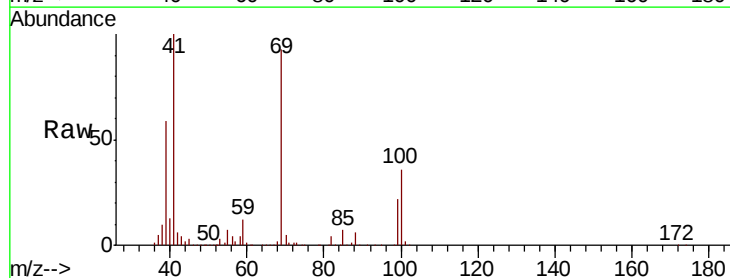
Tgt Ion: 41 Resp: 129508

Ion Ratio Lower Upper

41 100

69 102.3 76.1 114.1

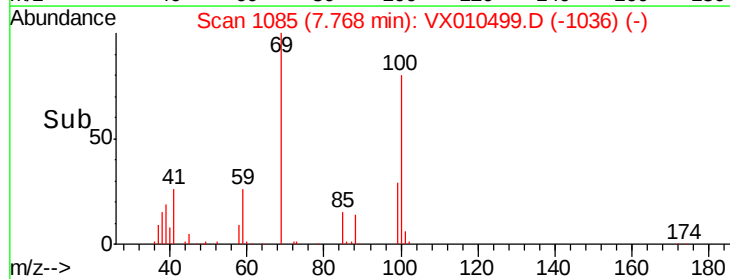
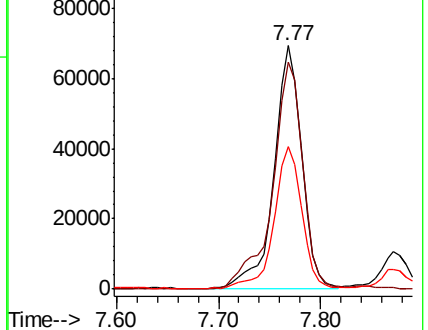
39 58.4 47.6 71.4

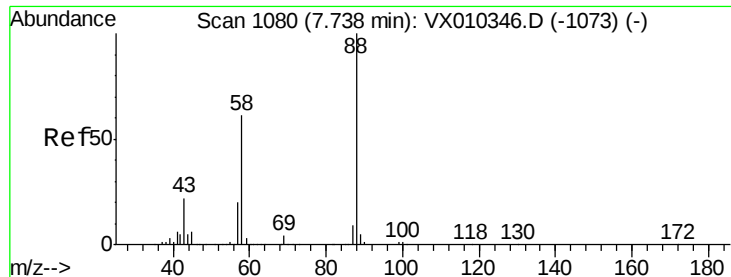


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 900.568 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

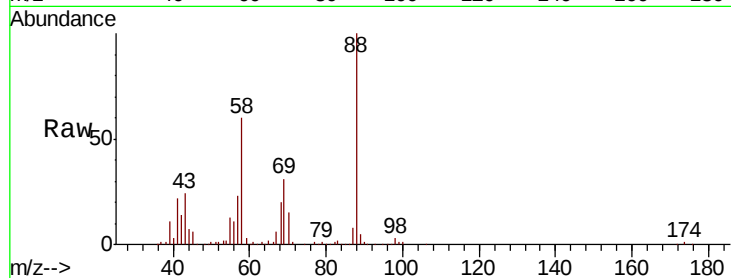
Tot Ion: 88 Resp: 60187

Ion Ratio Lower Upper

88 100

43 27.2 20.2 30.2

58 61.8 49.5 74.3

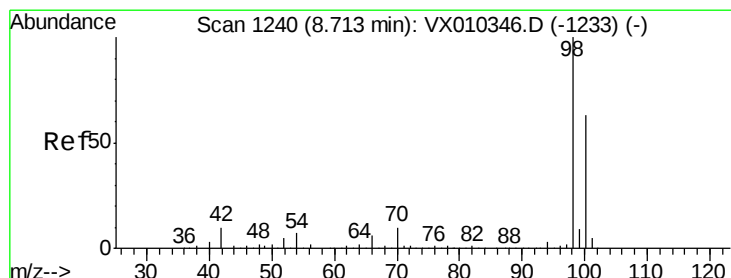
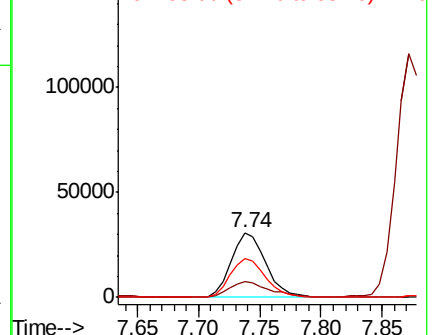
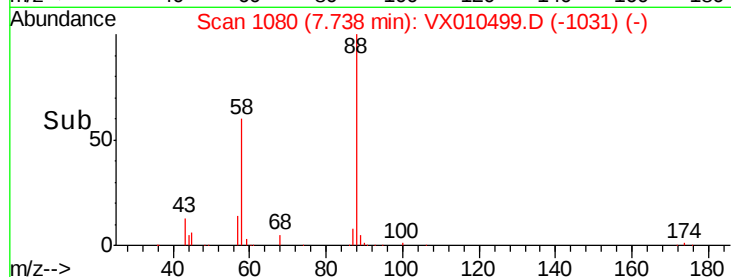


Abundance

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: 49.717 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010499.D

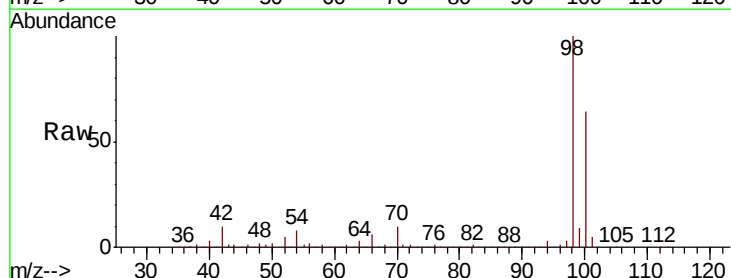
Acq: 27 Jun 2019 19:13

Tgt Ion: 98 Resp: 429445

Ion Ratio Lower Upper

98 100

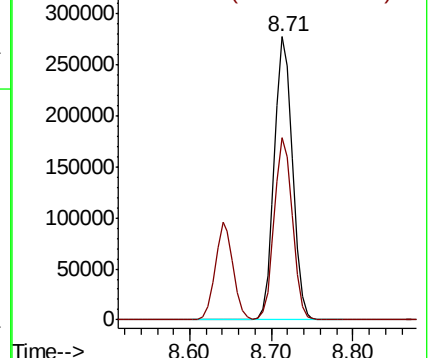
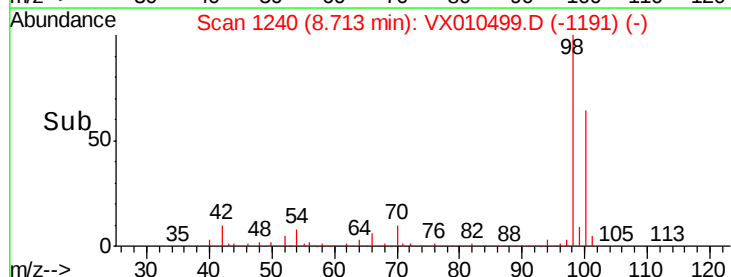
100 64.0 51.6 77.4



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: 260.837 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

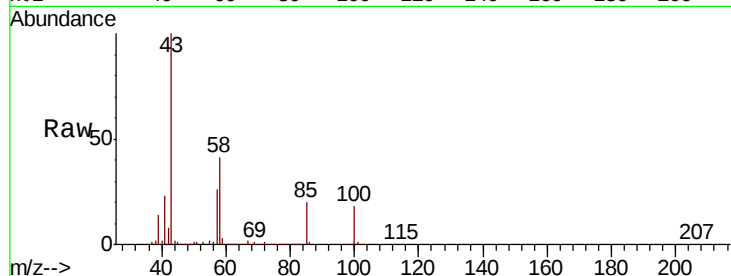
ClientSampleId :

Tot Ion: 43 Resp: 832633

Ion Ratio Lower Upper

43 100

58 40.7 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

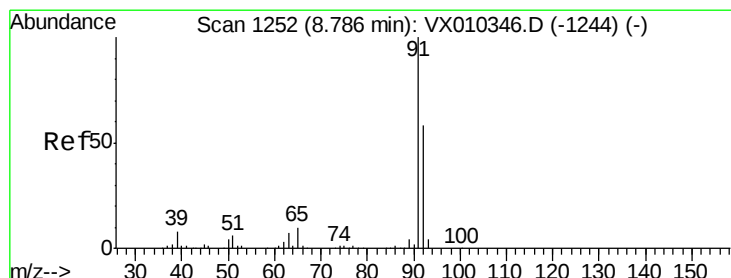
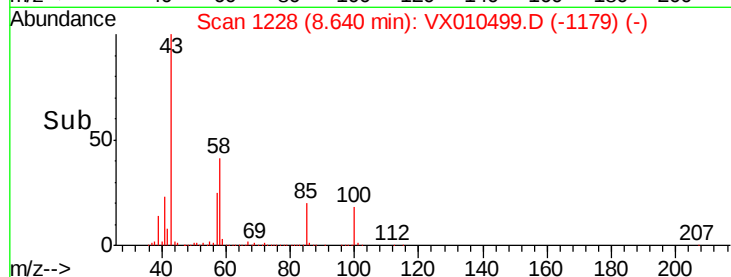
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 50.371 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010499.D

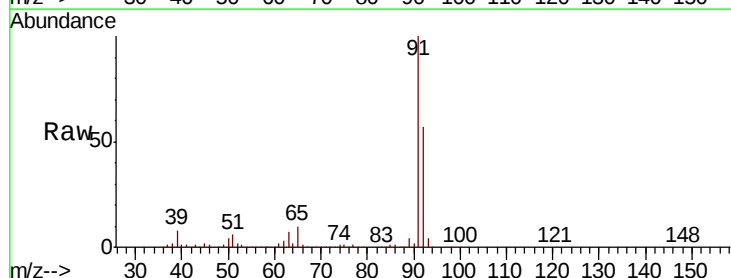
Acq: 27 Jun 2019 19:13

Tgt Ion: 92 Resp: 303045

Ion Ratio Lower Upper

92 100

91 176.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

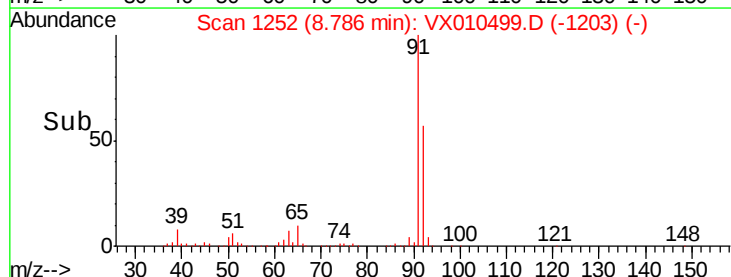
300000

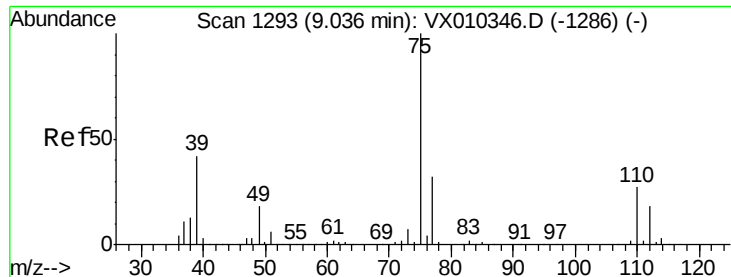
200000

100000

0

Time--> 8.70 8.80 8.90

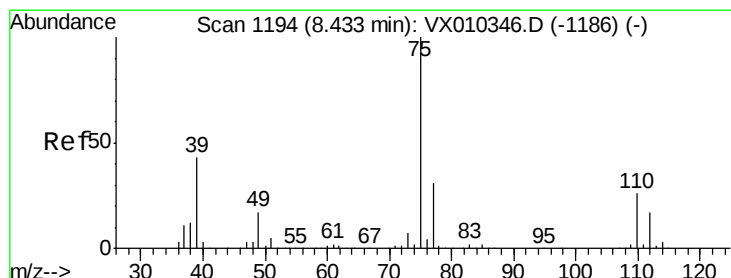
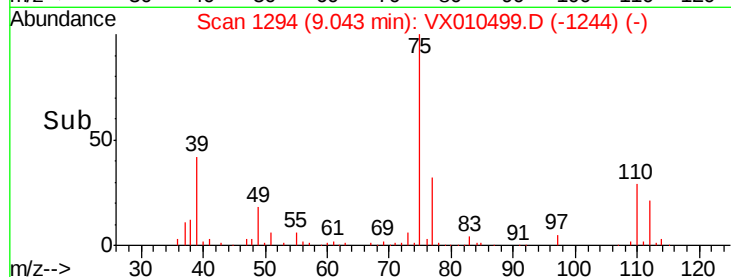
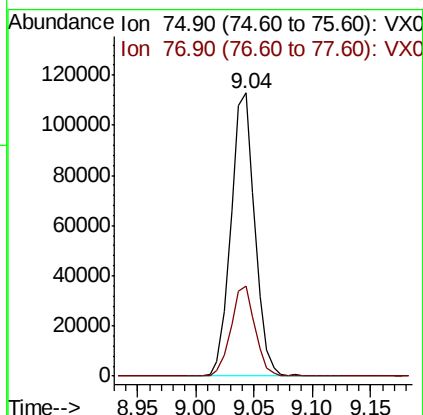
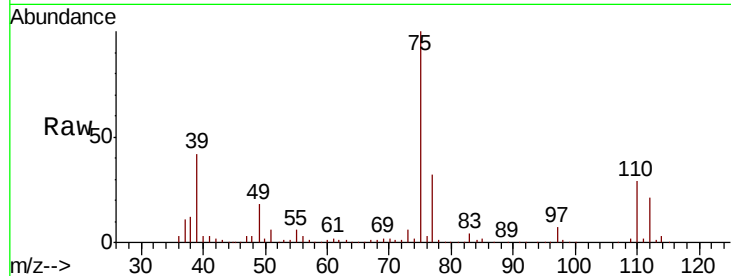




#53
t-1,3-Dichloropropene
Concen: 47.491 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

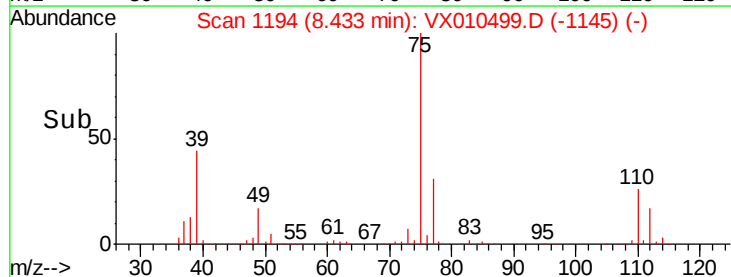
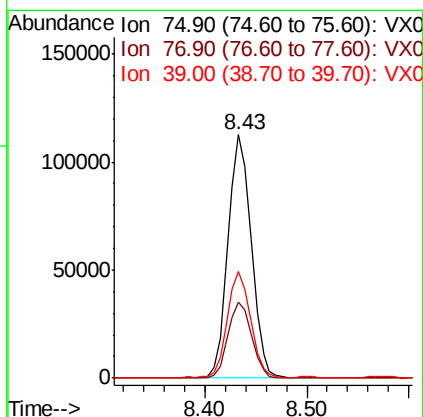
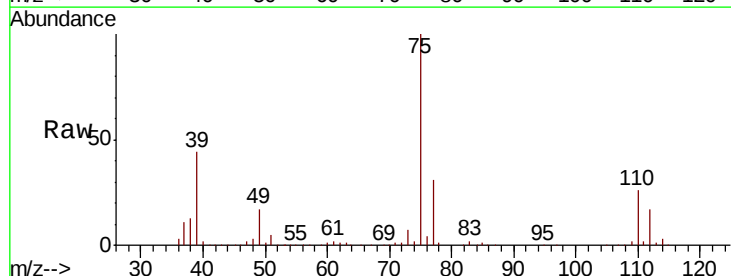
Instrument :
MSVOA_X
ClientSampleId :

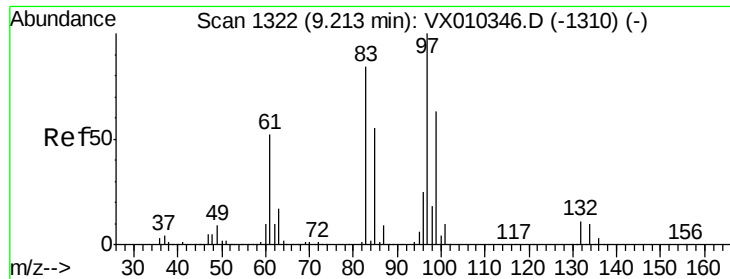
Tot Ion: 75 Resp: 161514
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.080 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 75 Resp: 177699
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 43.8 34.5 51.7



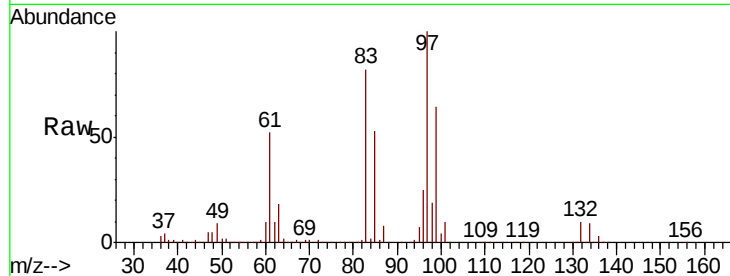


#55
 1,1,2-Trichloroethane
 Concen: 50.009 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 124085

Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.0
85	52.9	43.8	65.8
99	63.4	50.3	75.5



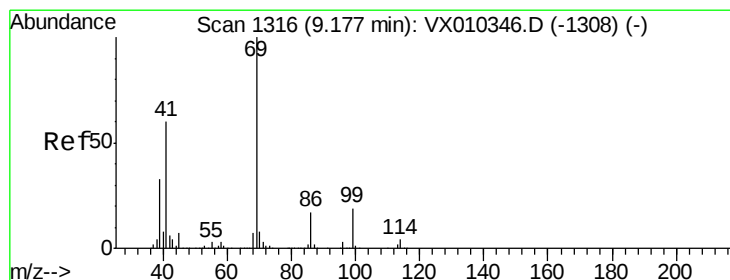
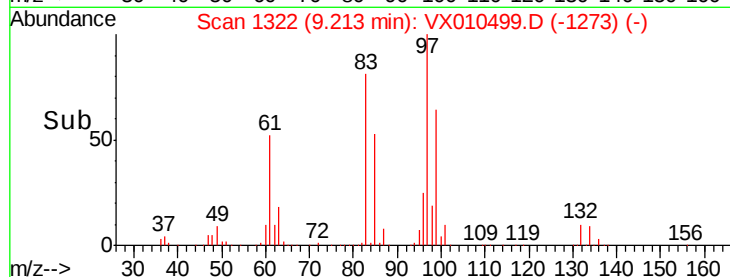
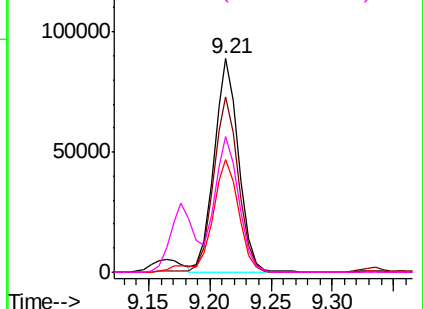
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

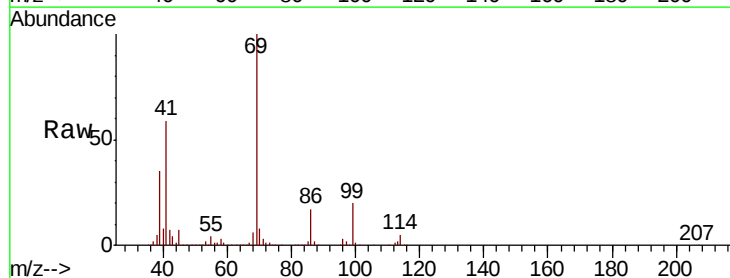
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 51.175 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion: 69 Resp: 192355

Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	35.8	26.6	40.0

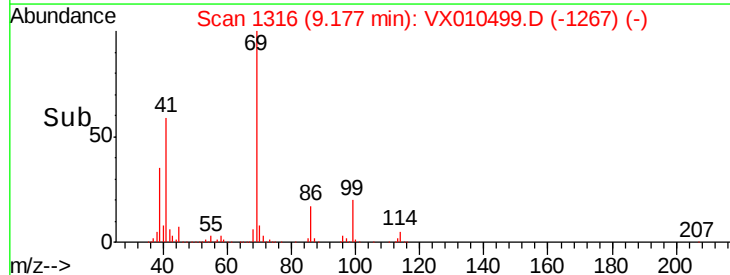
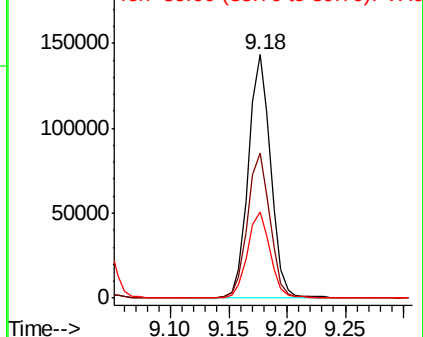


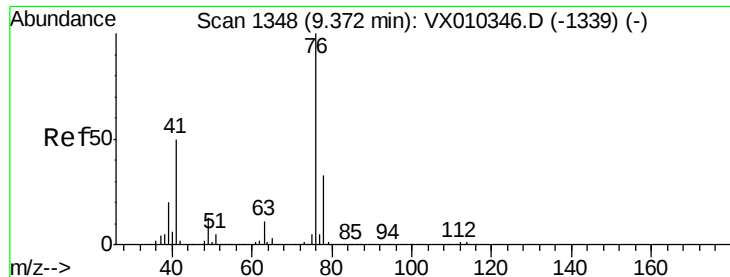
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.859 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

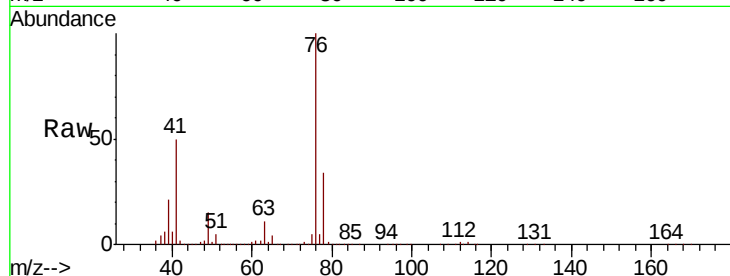
ClientSampleId :

Tot Ion: 76 Resp: 192040

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

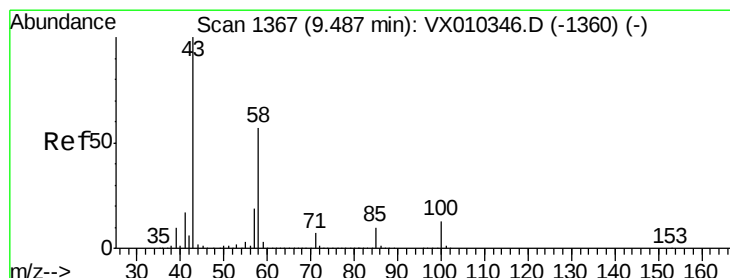
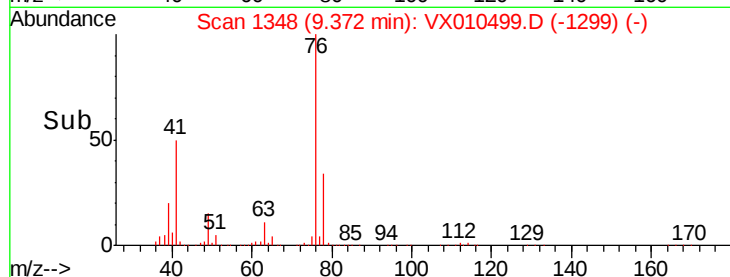
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 247.823 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010499.D

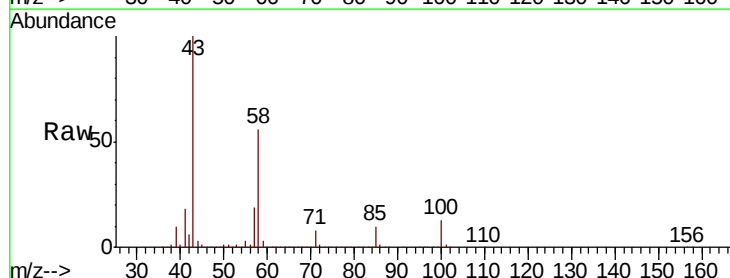
Acq: 27 Jun 2019 19:13

Tgt Ion: 43 Resp: 622617

Ion Ratio Lower Upper

43 100

58 57.8 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

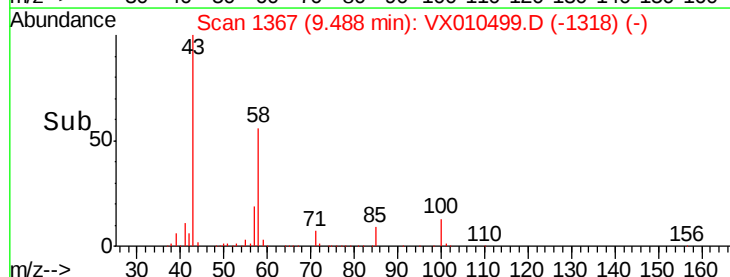
300000

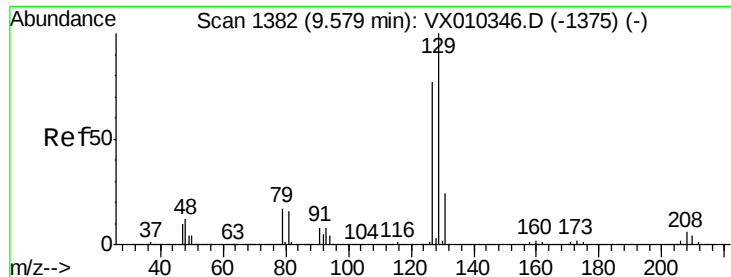
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 49.313 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

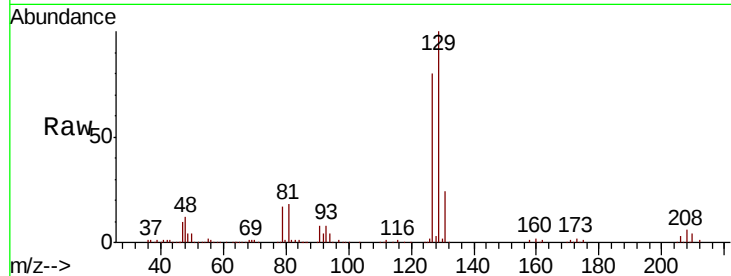
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 137000

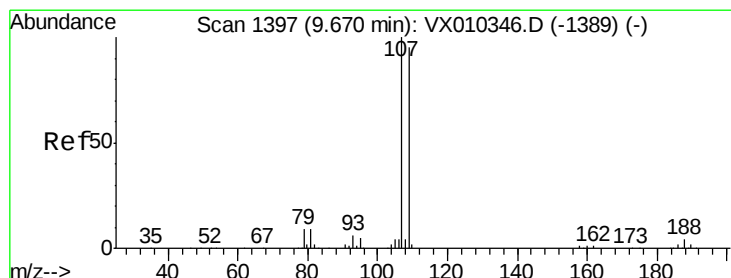
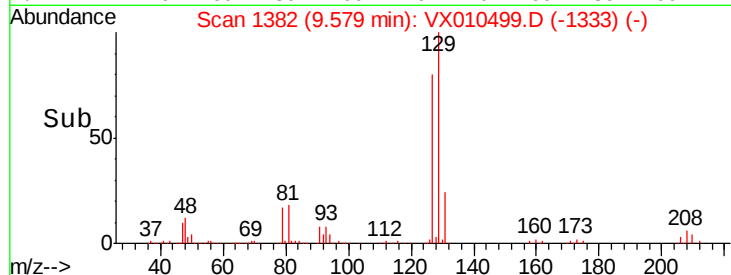
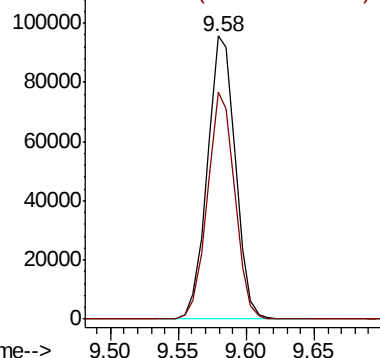
Ion Ratio Lower Upper

129 100

127 78.2 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.105 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010499.D

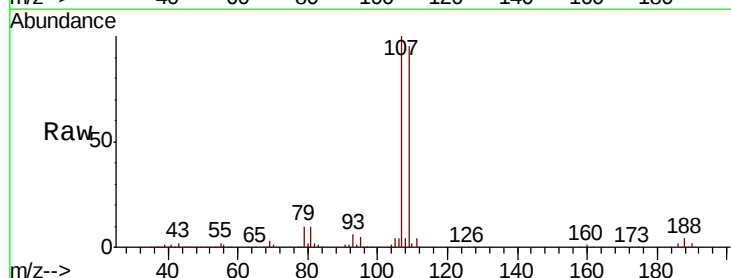
Acq: 27 Jun 2019 19:13

Tgt Ion:107 Resp: 134192

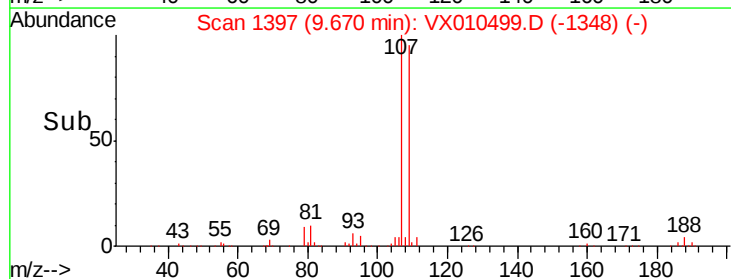
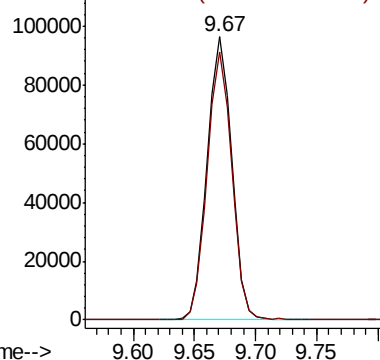
Ion Ratio Lower Upper

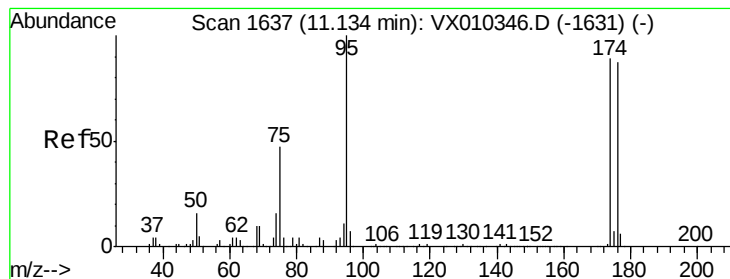
107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

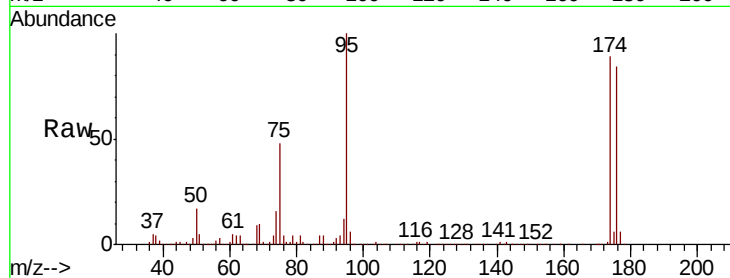
Tot Ion: 95 Resp: 158011

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.6

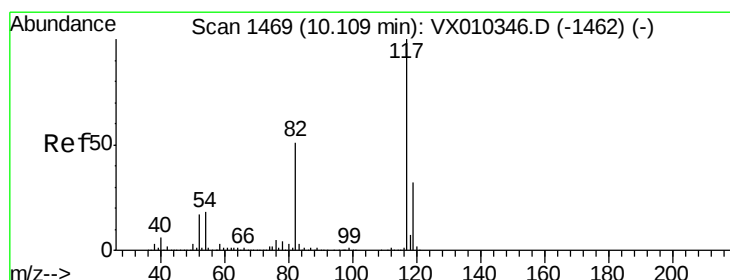
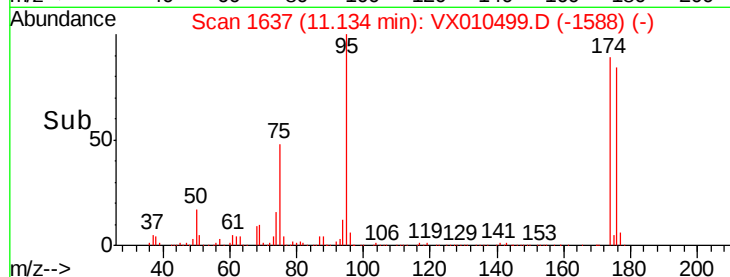
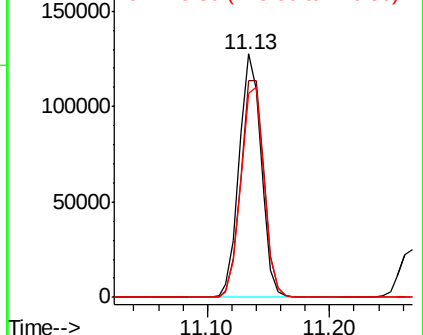
176 90.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

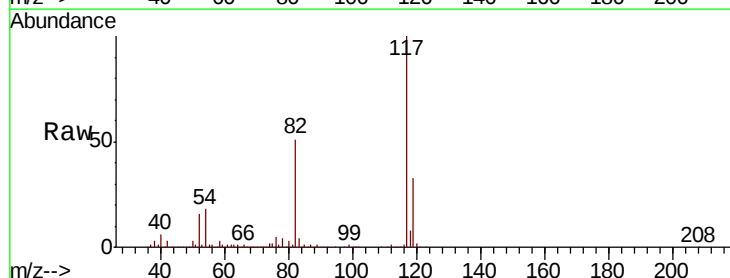
Tgt Ion: 117 Resp: 335925

Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

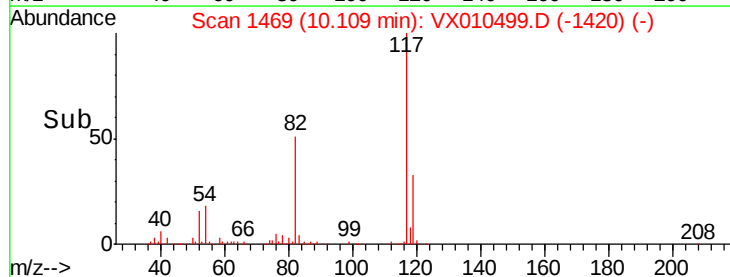
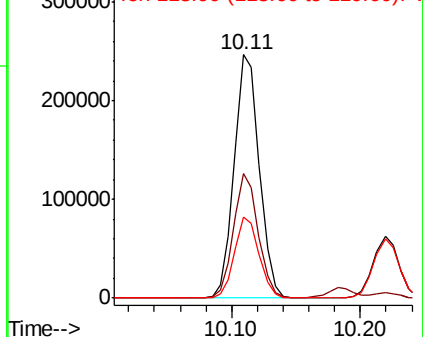
119 33.1 25.5 38.3

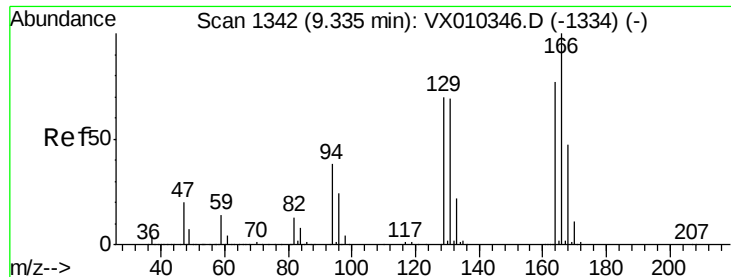


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 44.172 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 120017

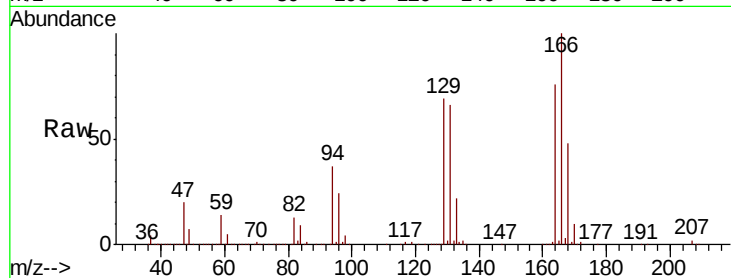
Ion Ratio Lower Upper

164 100

166 132.2 103.6 155.4

129 91.0 73.0 109.4

131 87.8 71.0 106.4

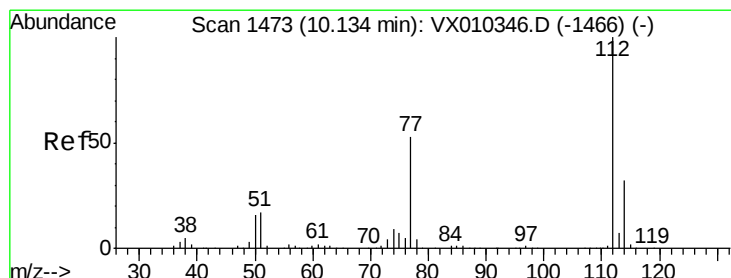
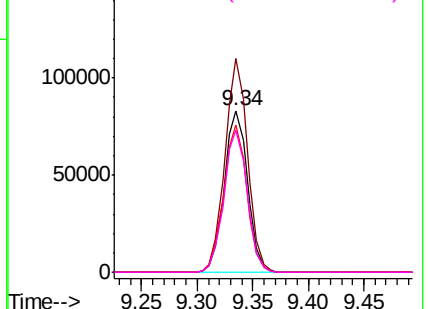
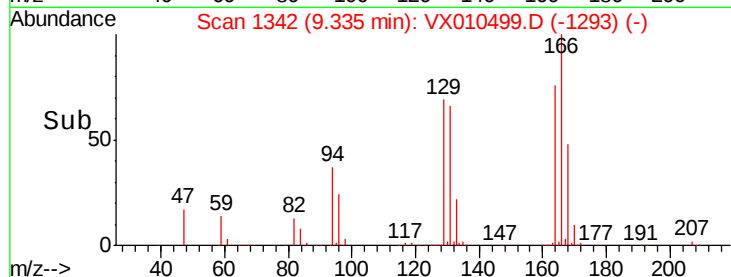


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.418 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010499.D

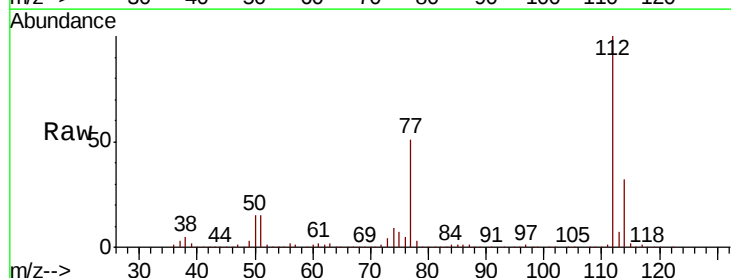
Acq: 27 Jun 2019 19:13

Tgt Ion:112 Resp: 337027

Ion Ratio Lower Upper

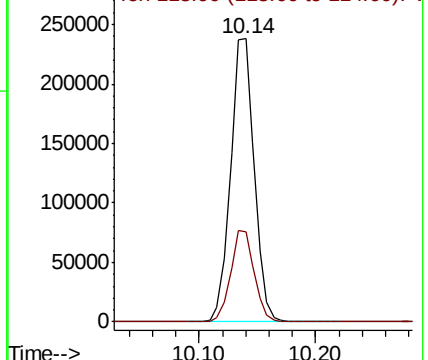
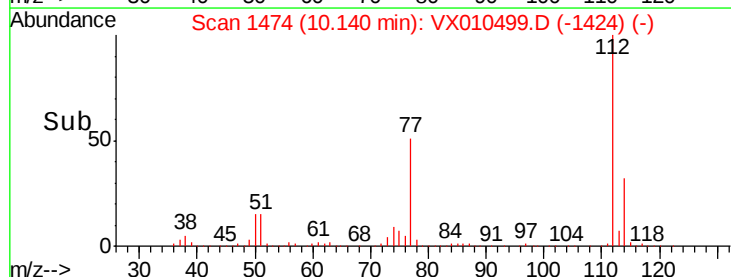
112 100

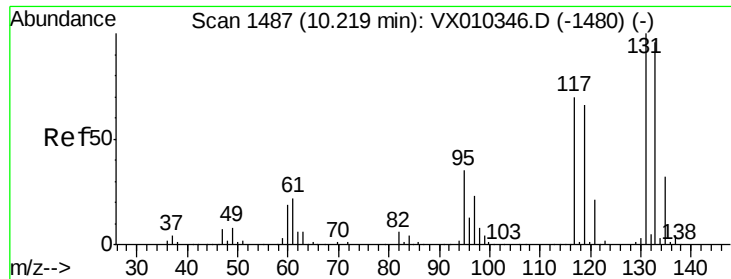
114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.760 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

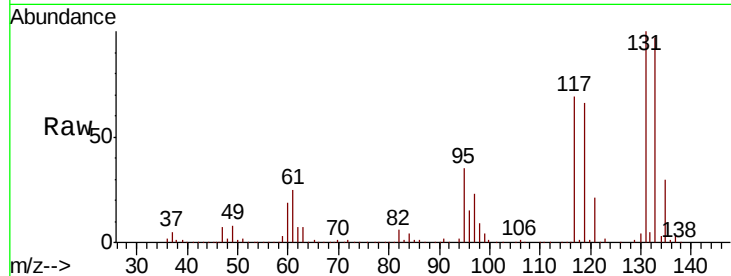
Tot Ion:131 Resp: 126097

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

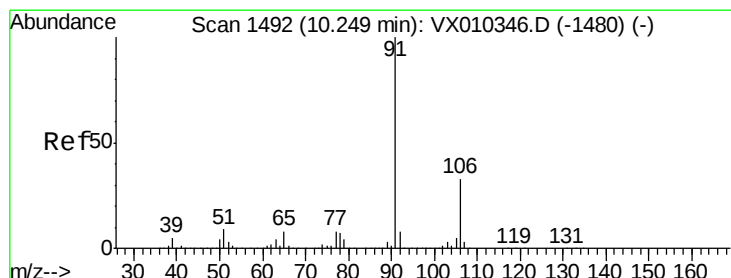
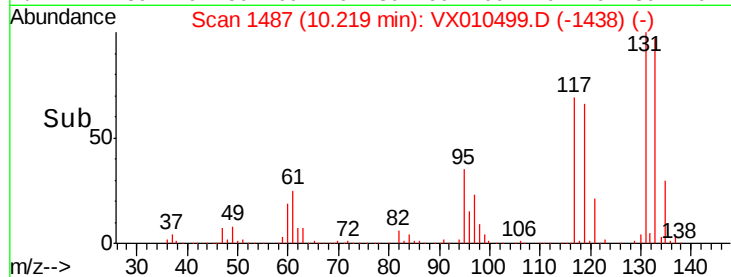
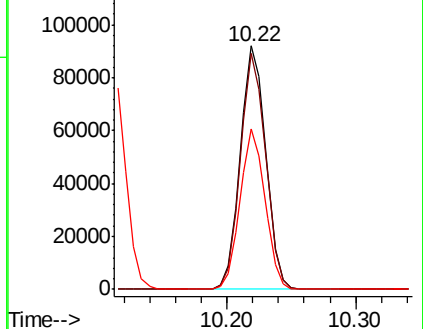
119 64.9 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 275.425 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010499.D

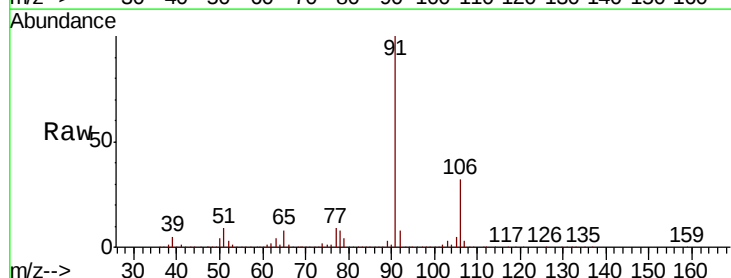
Acq: 27 Jun 2019 19:13

Tgt Ion: 91 Resp: 3171106

Ion Ratio Lower Upper

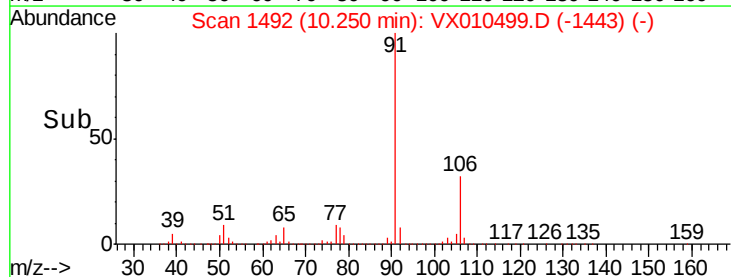
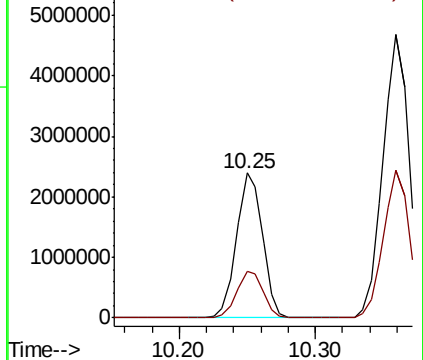
91 100

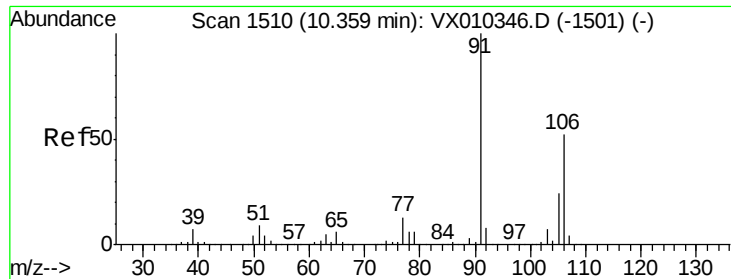
106 32.4 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

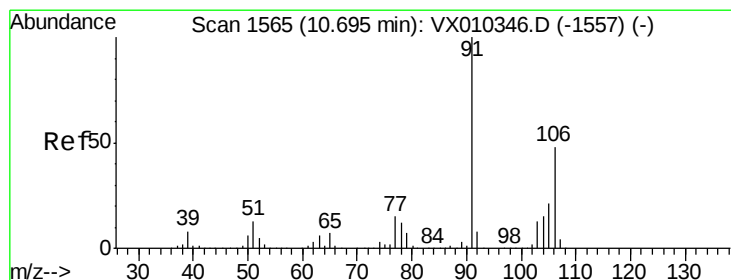
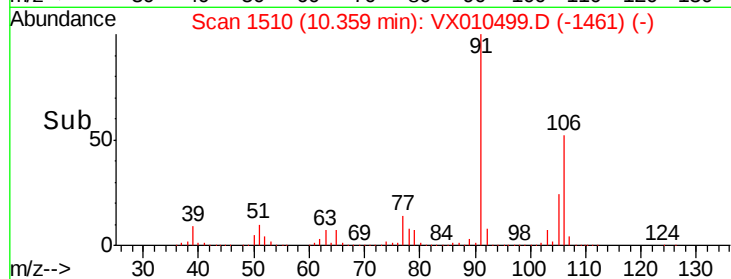
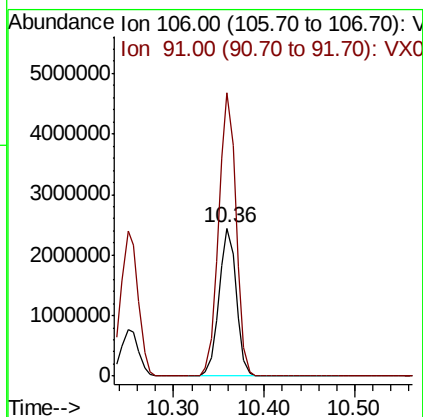
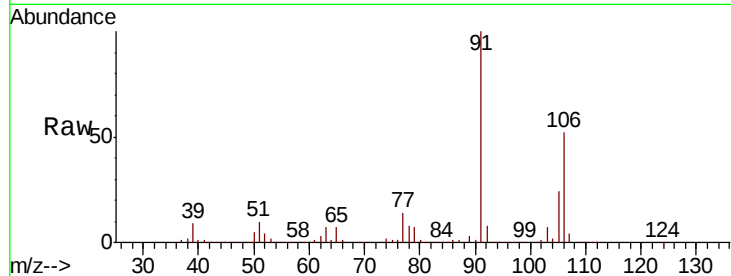




#68
m/p-Xylenes
Concen: 724.023 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

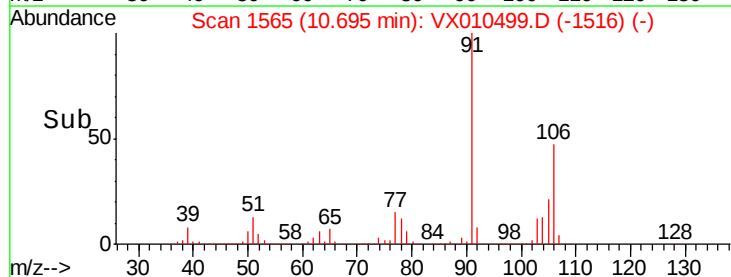
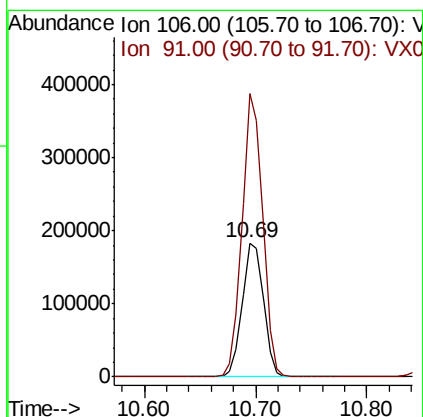
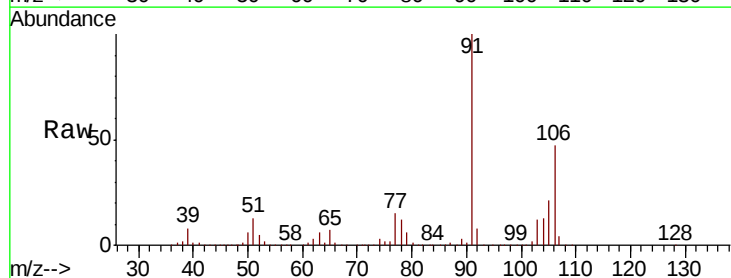
Instrument :
MSVOA_X
ClientSampleId :

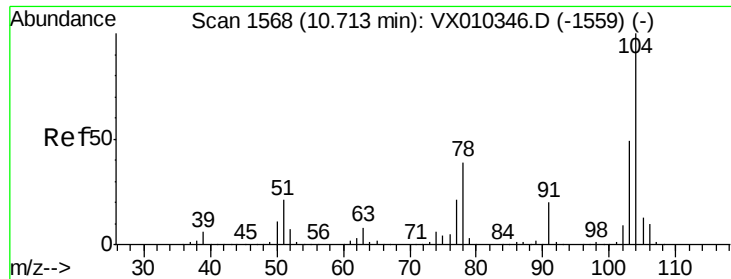
Tot Ion:106 Resp: 3230013
Ion Ratio Lower Upper
106 100
91 193.8 155.3 232.9



#69
o-Xylene
Concen: 55.049 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:106 Resp: 241508
Ion Ratio Lower Upper
106 100
91 205.5 102.7 308.1

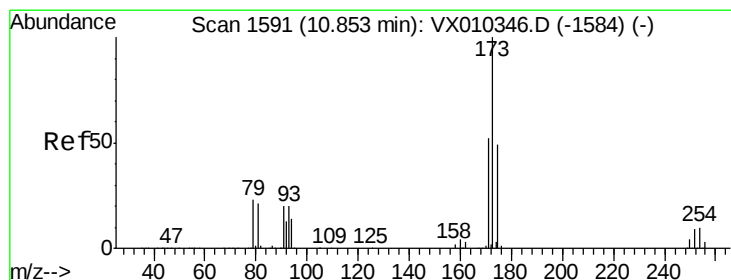
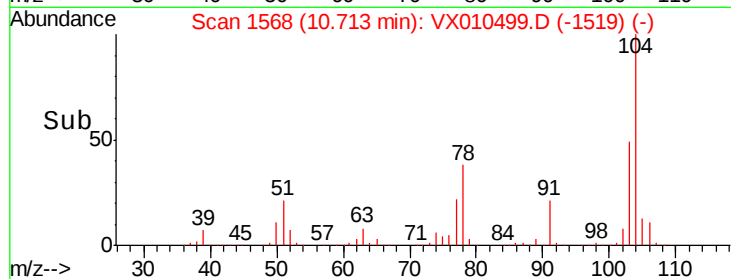
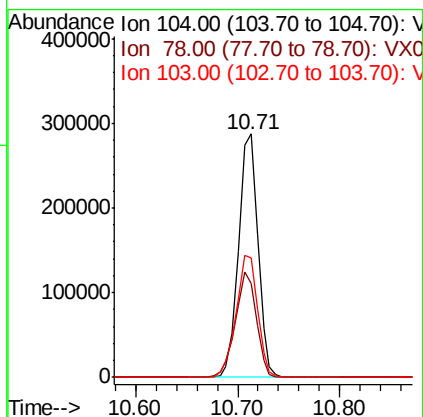
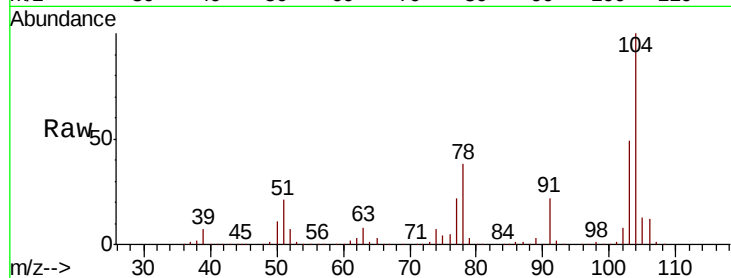




#70
Stvrene
Concen: 50.812 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

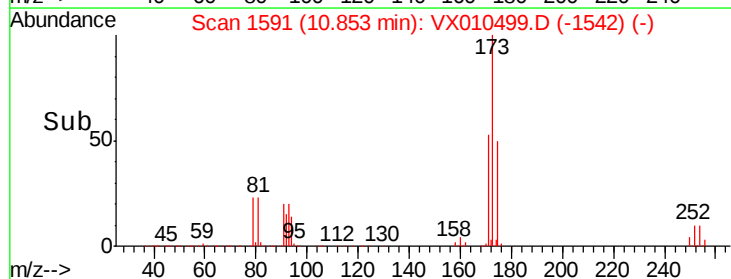
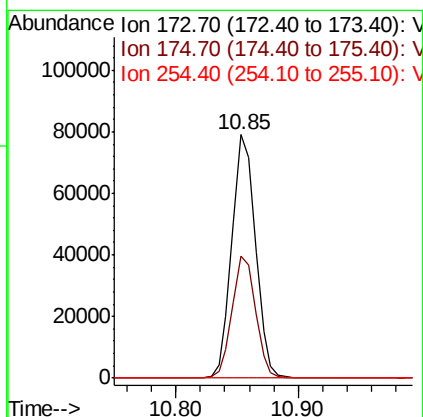
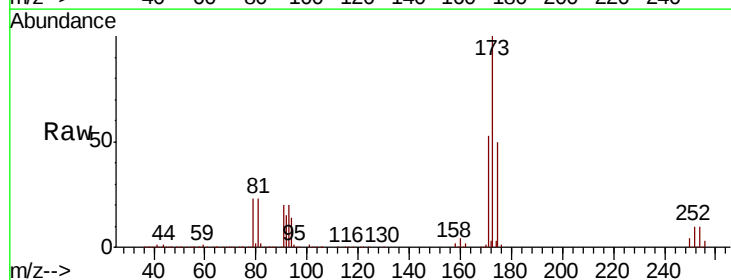
Instrument :
MSVOA_X
ClientSampleId :

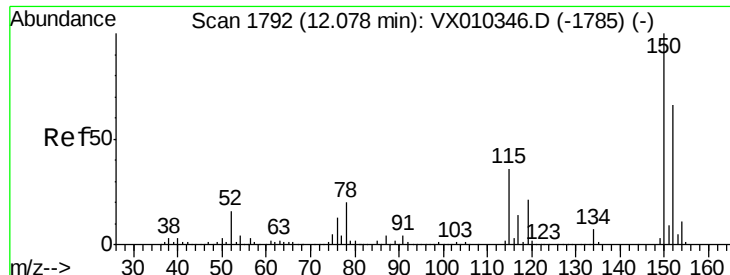
Tot Ion:104 Resp: 373847
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.7 44.2 66.4



#71
Bromoform
Concen: 48.806 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:173 Resp: 105436
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.3
254 0.2 0.2 0.2



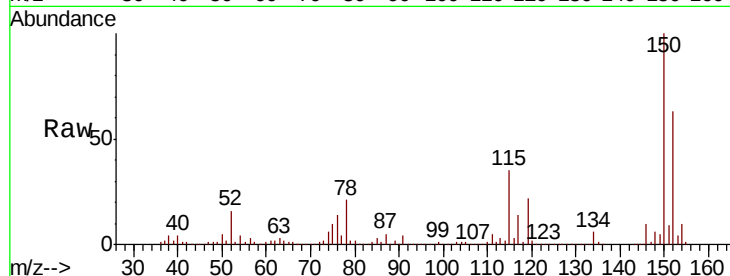


#72

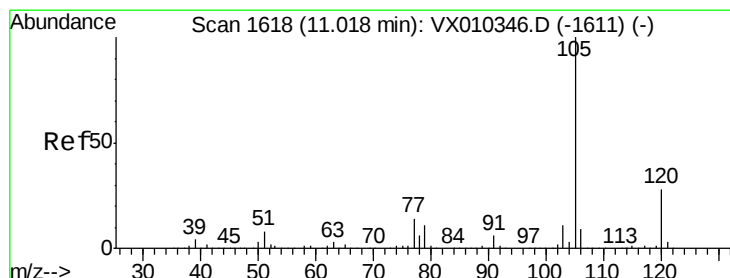
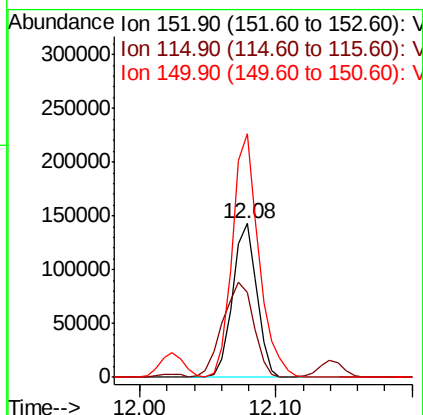
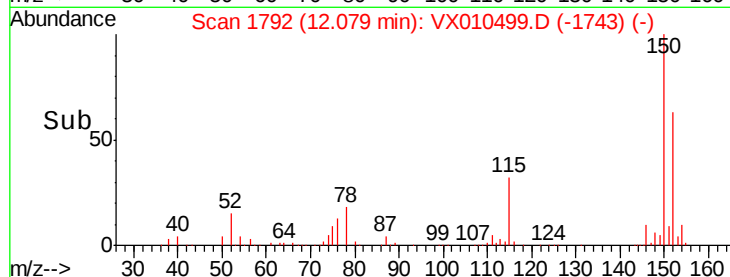
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 176326
Ion Ratio Lower Upper
152 100
115 79.8 38.6 115.7
150 174.1 0.0 347.4



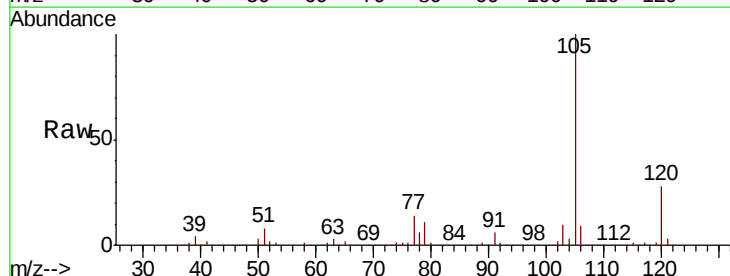
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



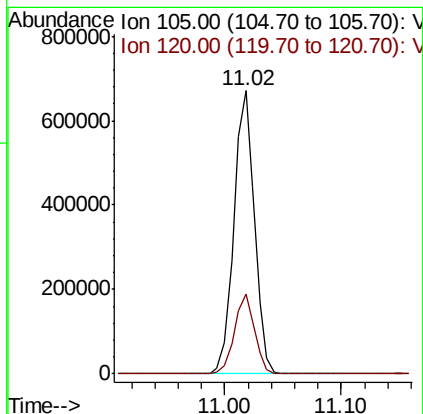
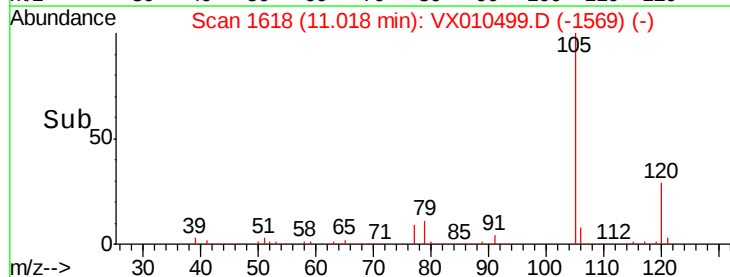
#73

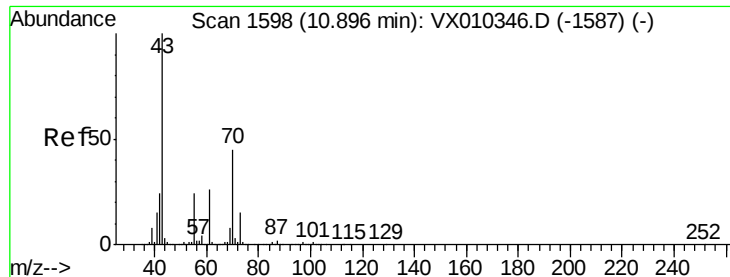
Isopropylbenzene
Concen: 68.781 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:105 Resp: 822123
Ion Ratio Lower Upper
105 100
120 27.6 14.1 42.4



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





#74

N-amyl acetate

Concen: 46.227 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 208815

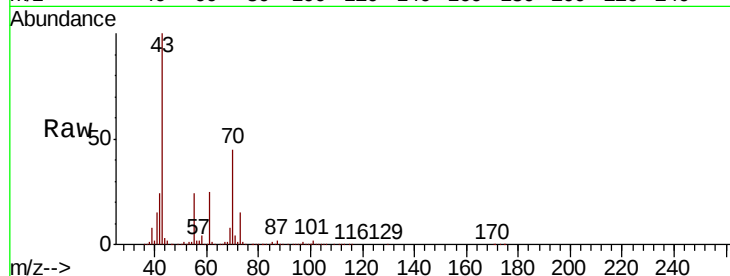
Ion Ratio Lower Upper

43 100

70 45.7 36.6 54.8

55 24.1 18.7 28.1

61 25.3 20.6 31.0

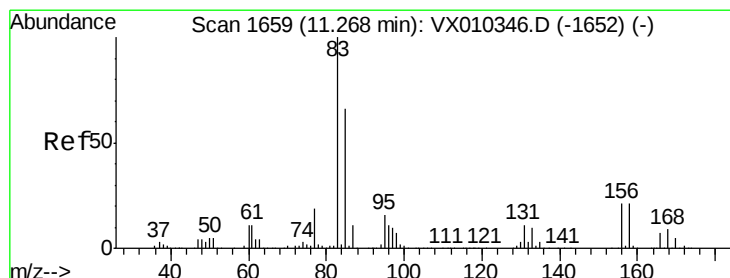
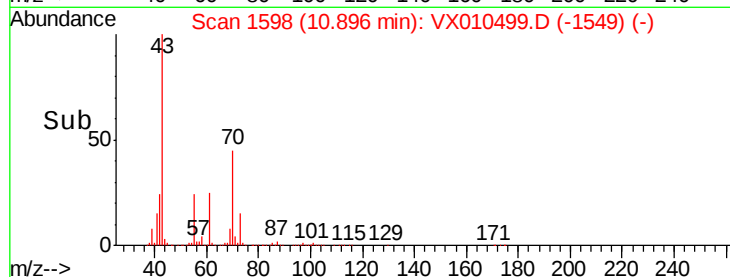
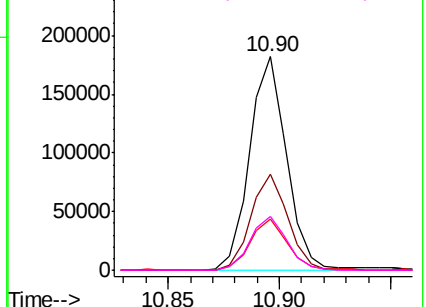


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.510 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

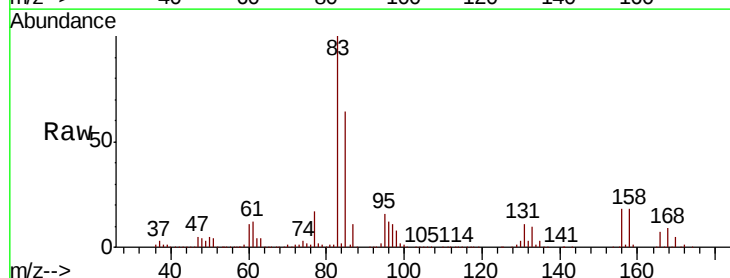
Tgt Ion: 83 Resp: 195981

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

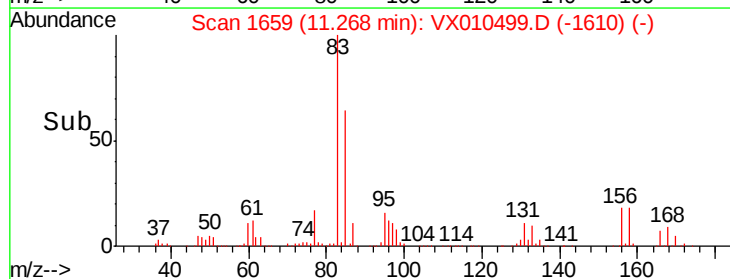
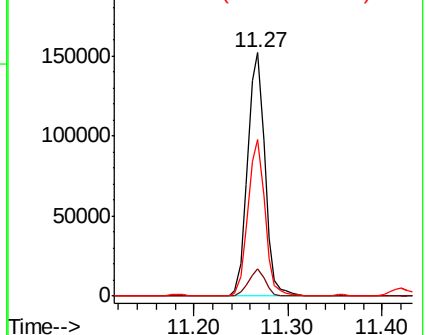
85 63.6 32.3 96.8

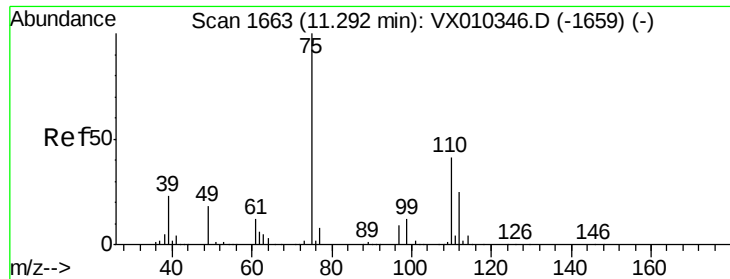


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

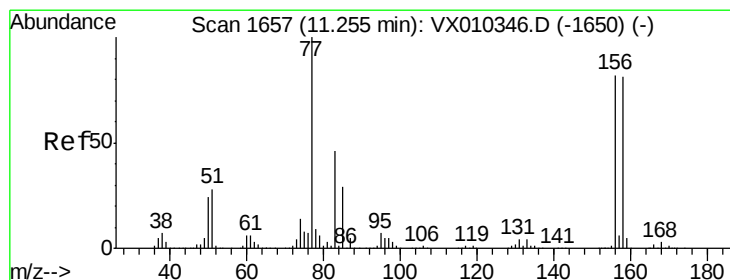
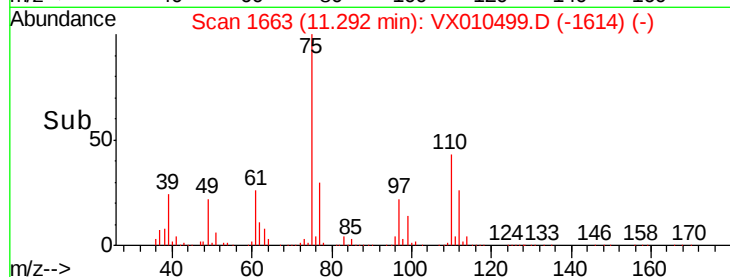
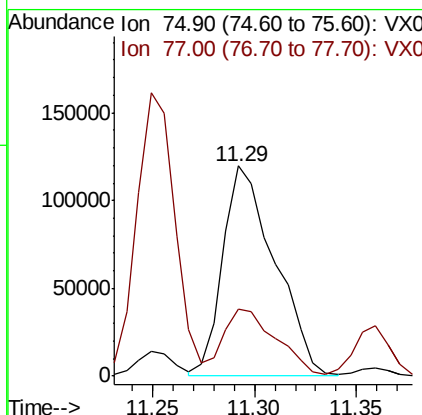
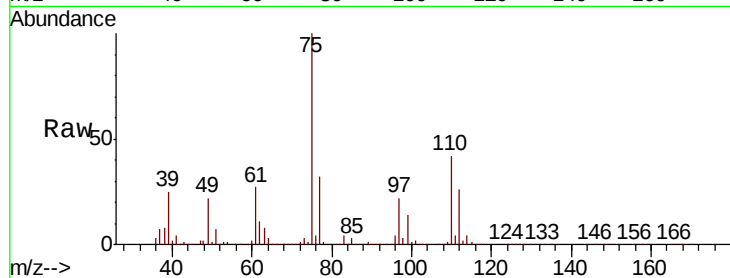




#76
 1,2,3-Trichloropropane
 Concen: 65.990 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

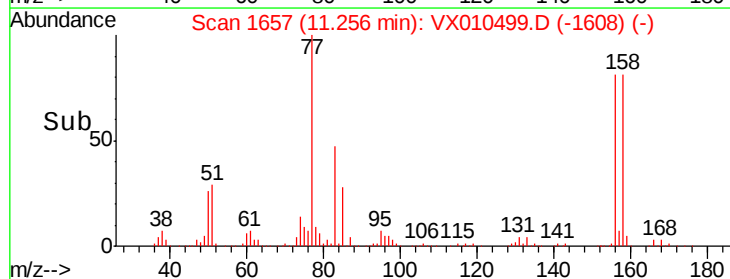
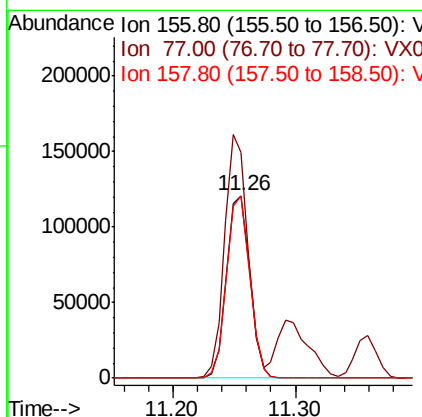
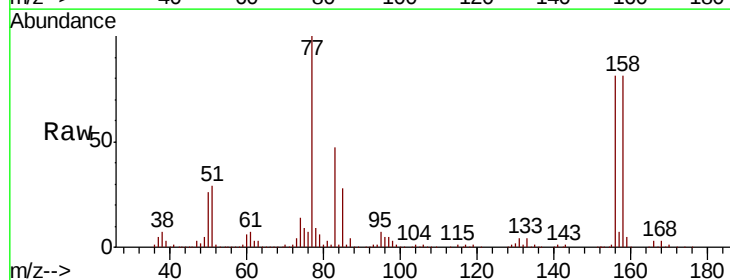
Instrument :
 MSVOA_X
 ClientSampleId :

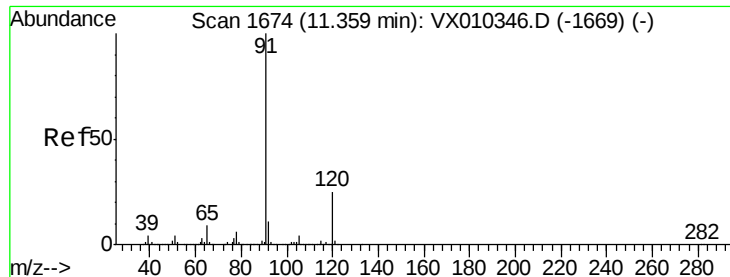
Tot Ion: 75 Resp: 212034
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.6 67.8



#77
 Bromobenzene
 Concen: 47.779 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion: 156 Resp: 159463
 Ion Ratio Lower Upper
 156 100
 77 131.5 66.3 198.7
 158 99.0 48.9 146.7





#78

n-propylbenzene

Concen: 72.737 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

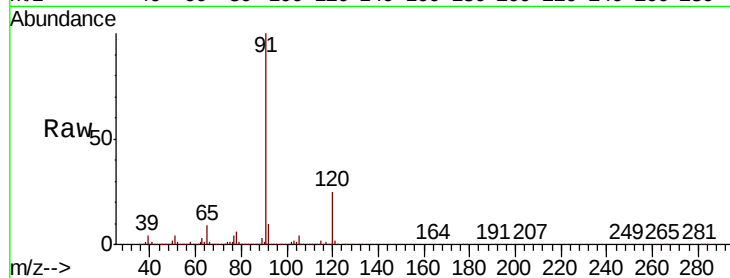
ClientSampleId :

Tot Ion: 91 Resp: 955513

Ion Ratio Lower Upper

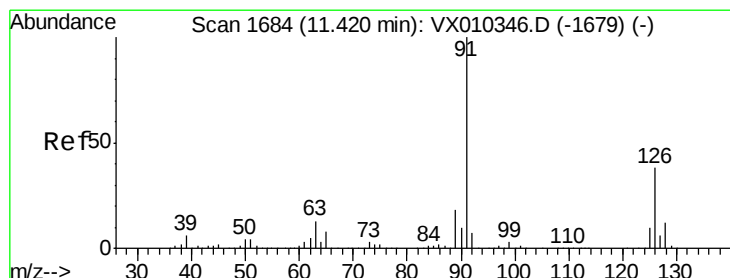
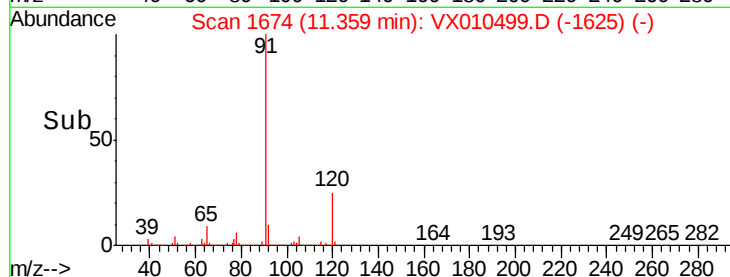
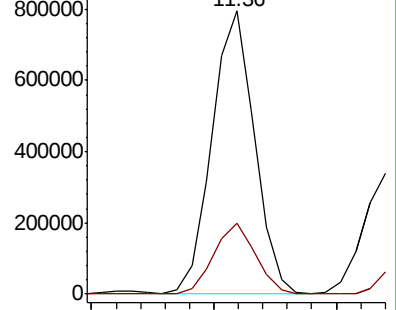
91 100

120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 64.714 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010499.D

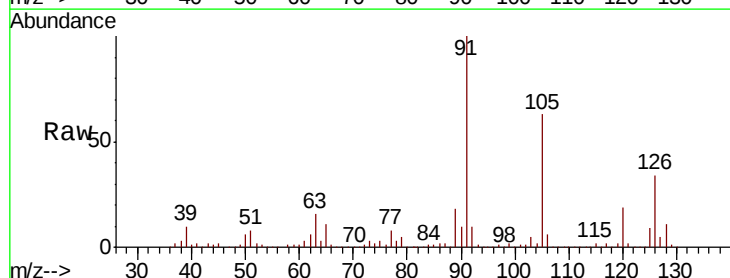
Acq: 27 Jun 2019 19:13

Tgt Ion: 91 Resp: 506225

Ion Ratio Lower Upper

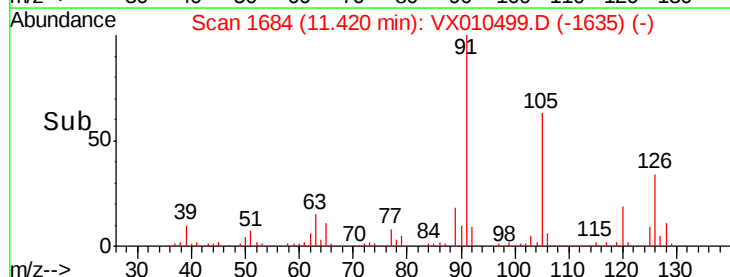
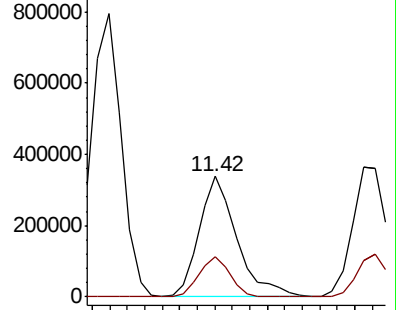
91 100

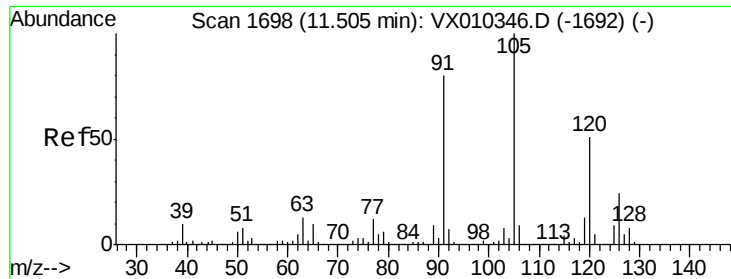
126 27.6 18.7 56.1



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: 92.937 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

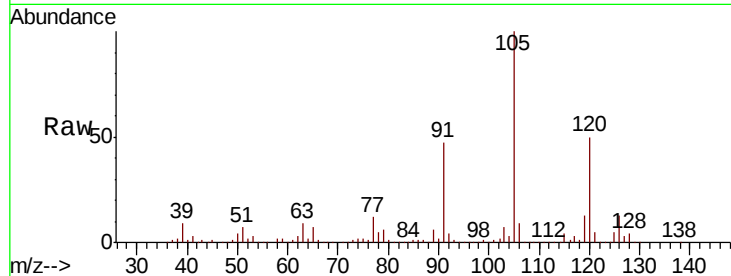
ClientSampleId :

Tot Ion:105 Resp: 915759

Ion Ratio Lower Upper

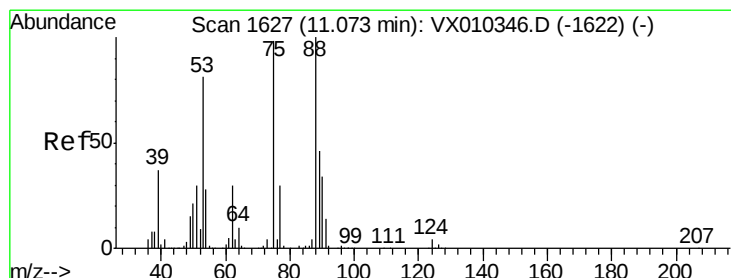
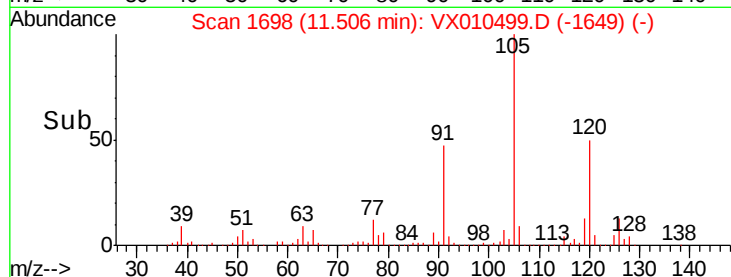
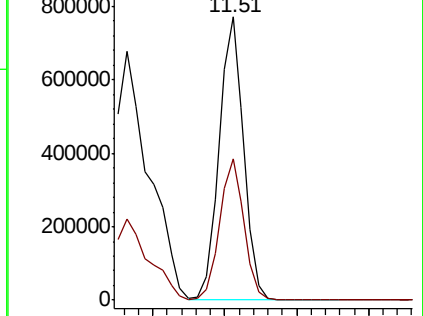
105 100

120 49.8 25.2 75.6



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: 43.075 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

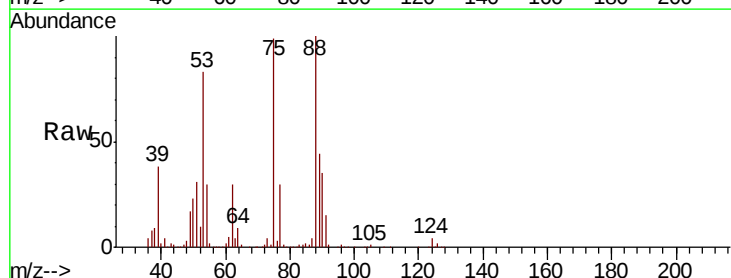
Tgt Ion: 75 Resp: 59327

Ion Ratio Lower Upper

75 100

53 88.6 66.1 99.1

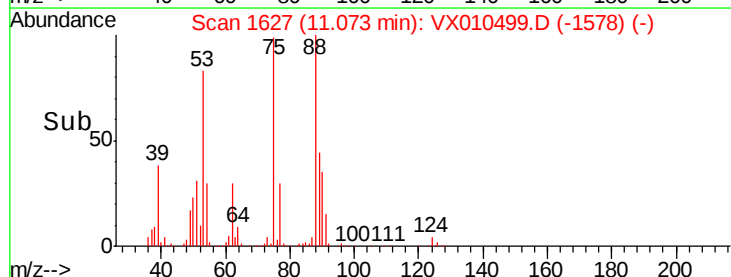
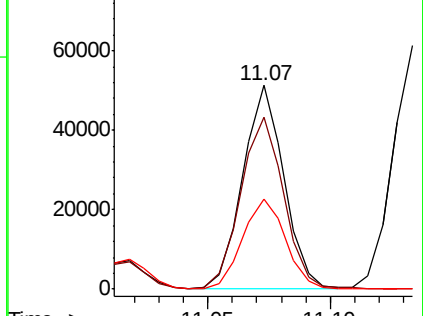
89 46.4 37.8 56.6

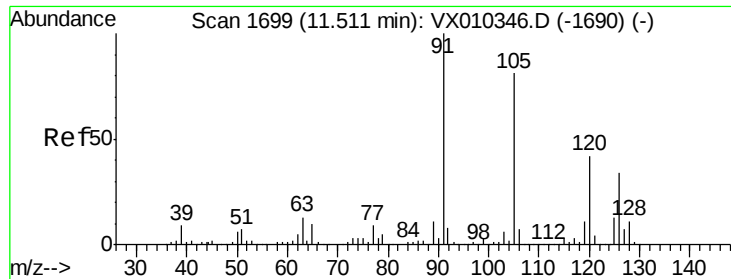


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

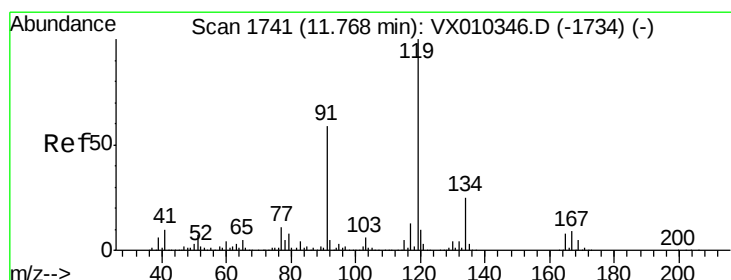
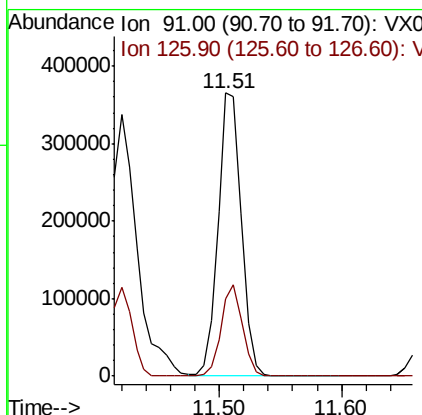
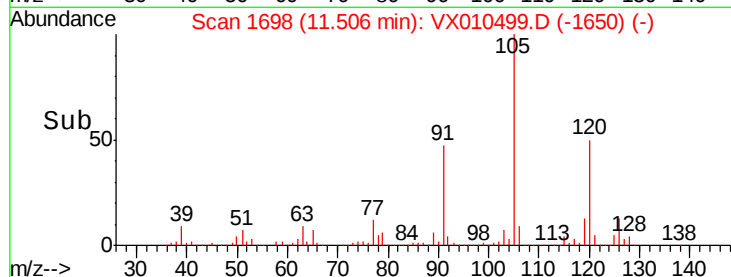
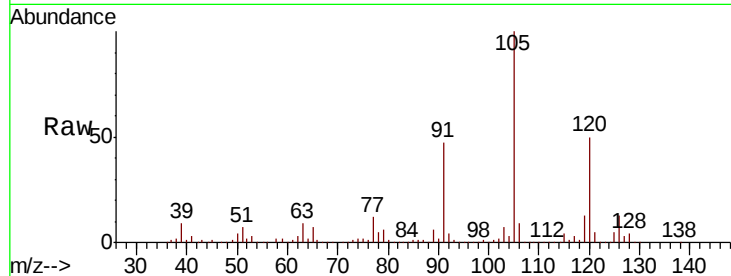




#82
4-Chlorotoluene
Concen: 54.343 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

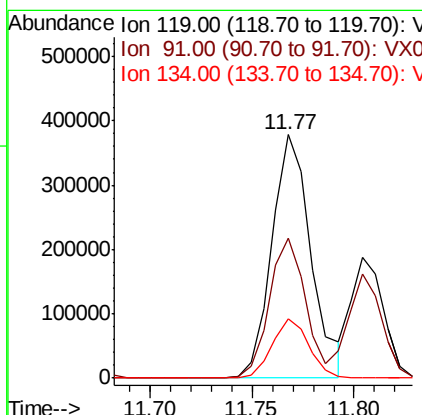
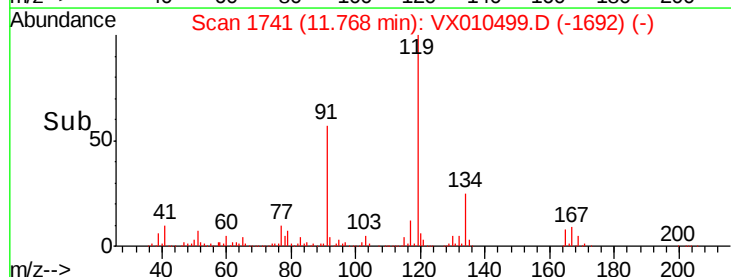
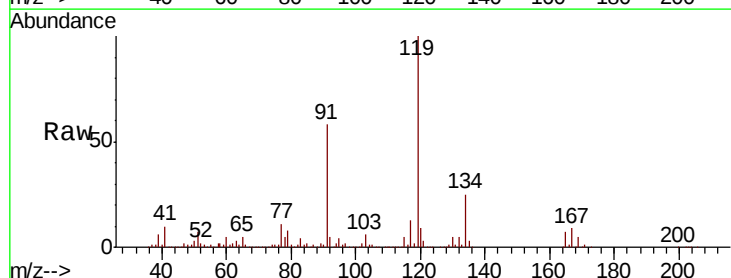
Instrument :
MSVOA_X
ClientSampleId :

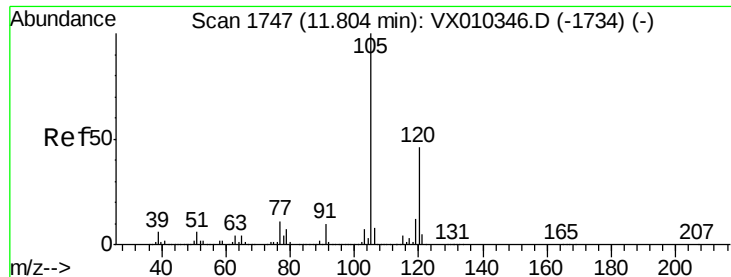
Tot Ion: 91 Resp: 483719
Ion Ratio Lower Upper
91 100
126 29.7 16.2 48.6



#83
tert-Butylbenzene
Concen: 51.341 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 119 Resp: 507762
Ion Ratio Lower Upper
119 100
91 53.1 27.6 82.7
134 22.9 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 183.327 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

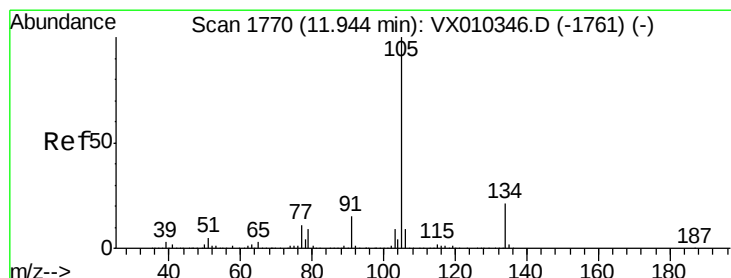
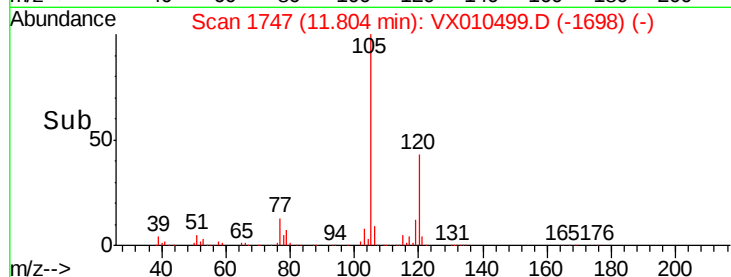
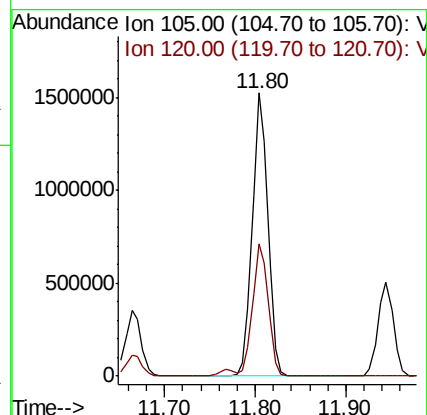
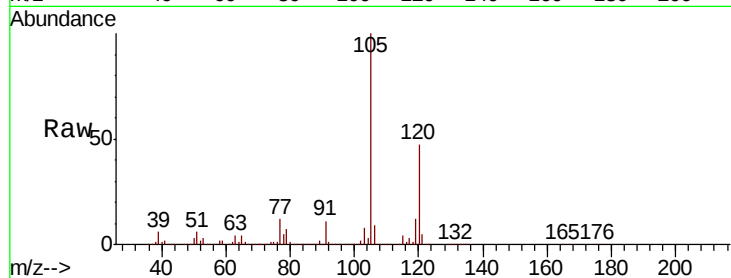
ClientSampleId :

Tot Ion:105 Resp: 1814902

Ion Ratio Lower Upper

105 100

120 46.8 23.1 69.2



#85

sec-Butylbenzene

Concen: 51.500 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010499.D

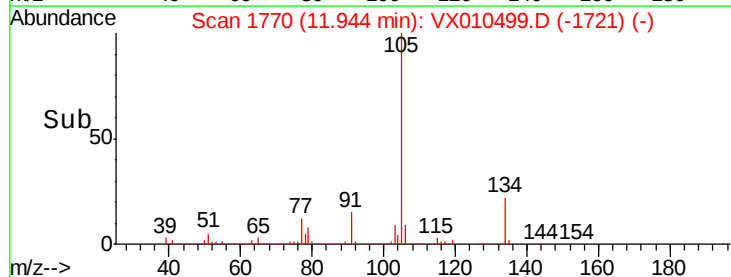
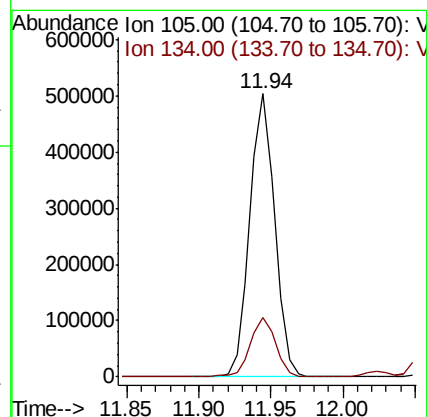
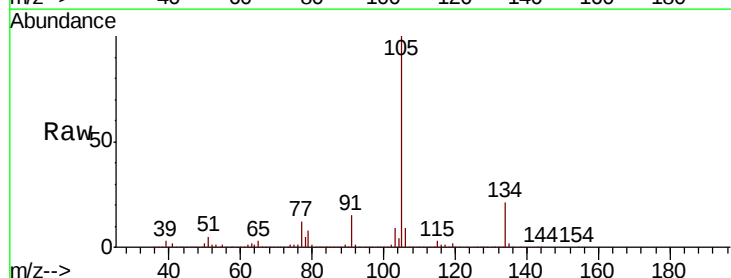
Acq: 27 Jun 2019 19:13

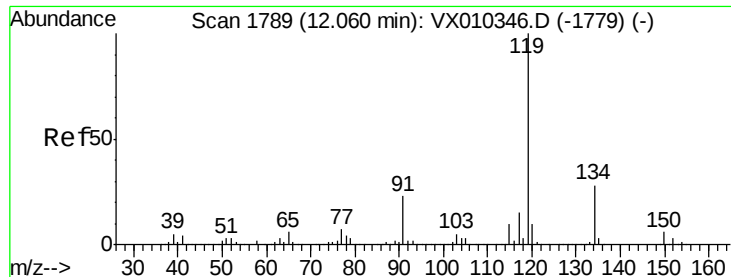
Tgt Ion:105 Resp: 598022

Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9

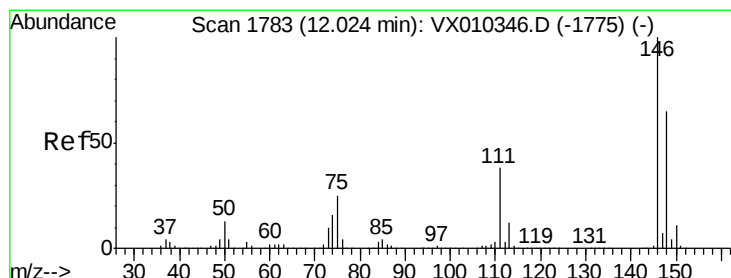
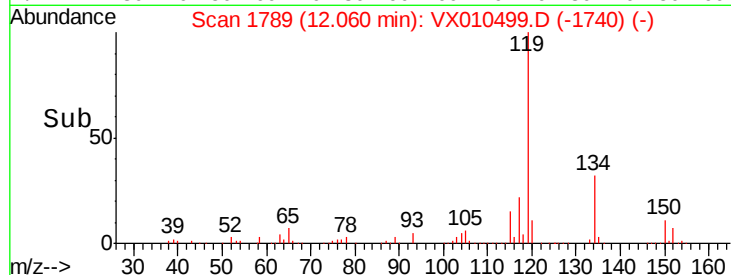
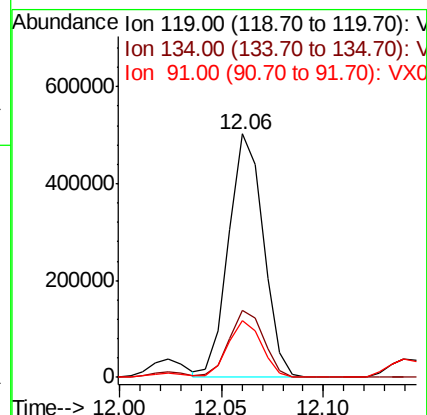
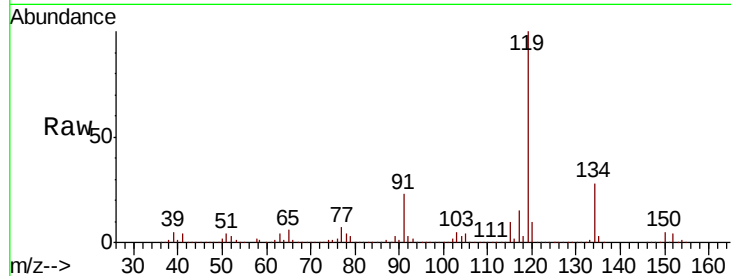




#86
p-Isopropyltoluene
Concen: 55.421 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

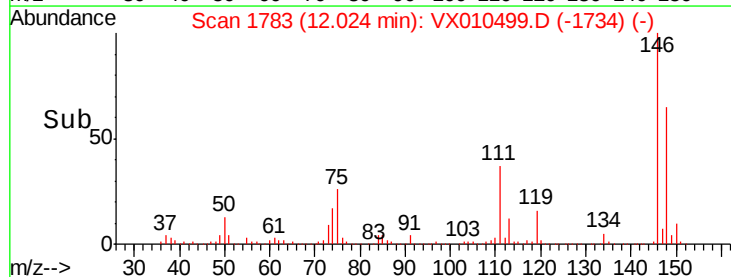
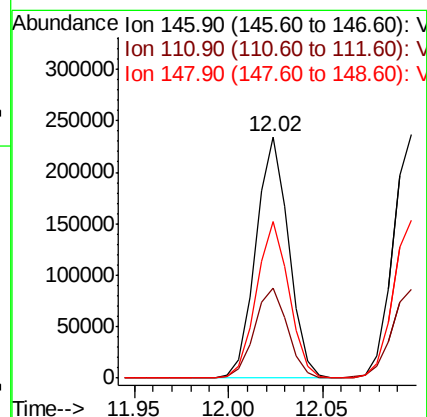
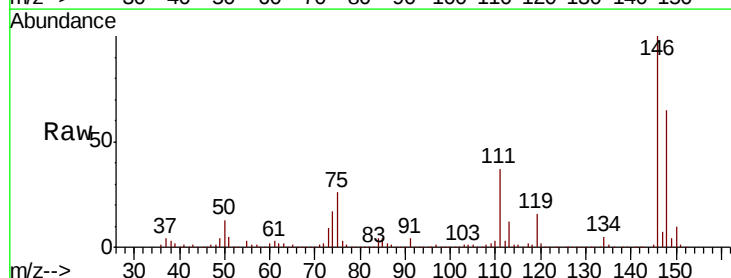
Instrument :
MSVOA_X
ClientSampleId :

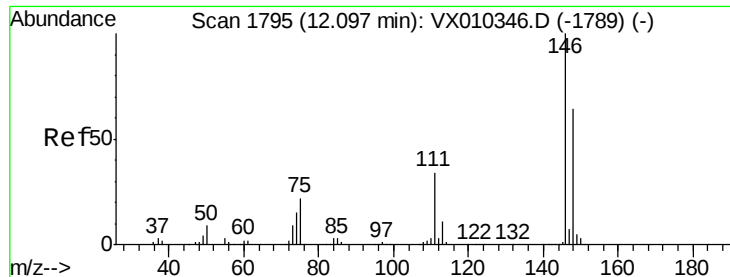
Tot Ion:119 Resp: 595268
Ion Ratio Lower Upper
119 100
134 27.5 13.7 41.1
91 22.6 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 48.303 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:146 Resp: 281408
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.1
148 64.6 32.5 97.4

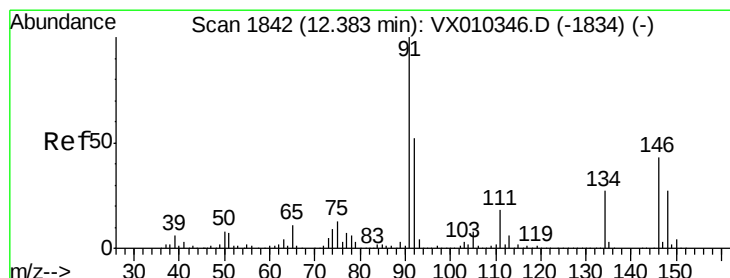
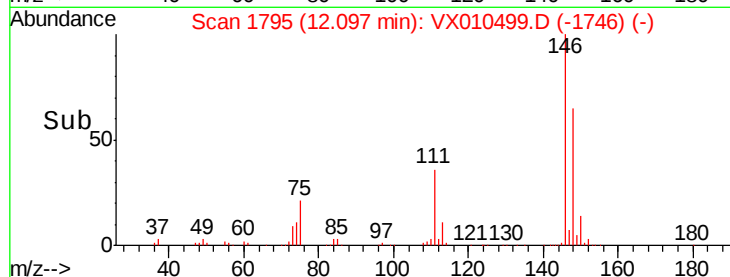
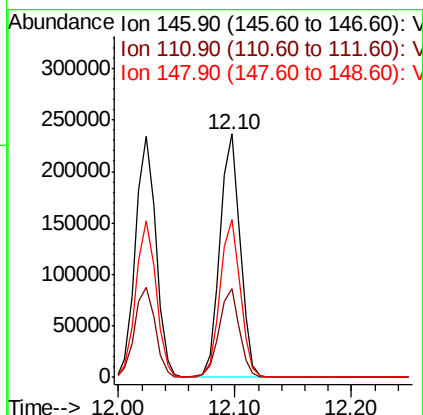
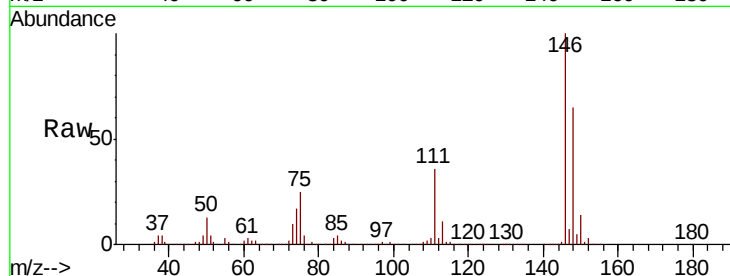




#88
 1,4-Dichlorobenzene
 Concen: 47.587 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

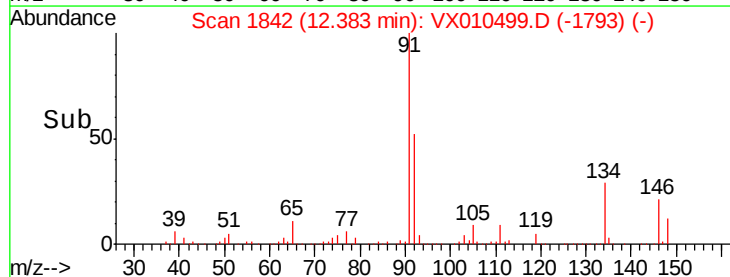
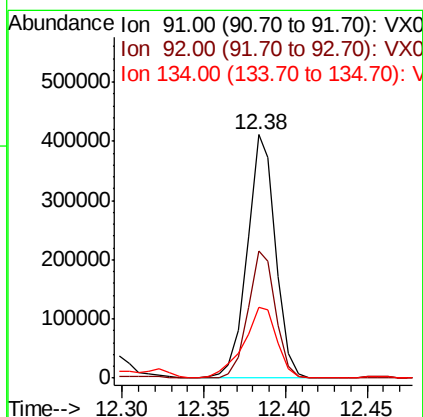
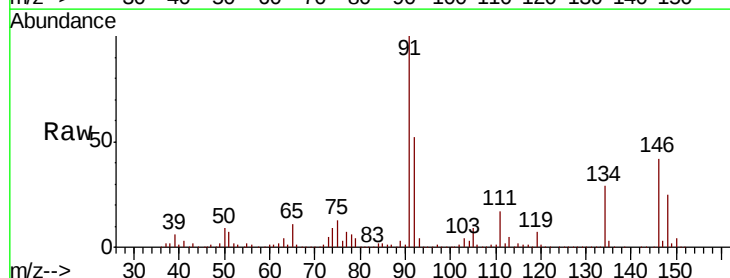
Instrument :
 MSVOA_X
 ClientSampleId :

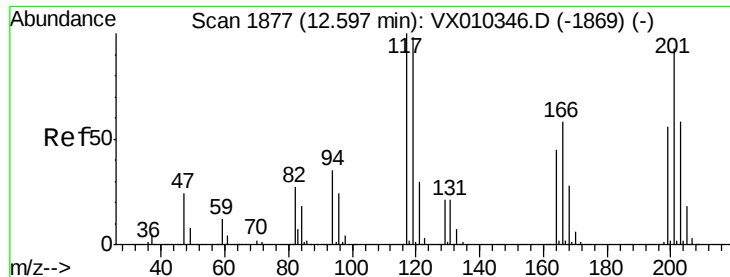
Tot Ion:146 Resp: 282242
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.3
 148 65.1 32.1 96.3



#89
 n-Butylbenzene
 Concen: 54.156 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion: 91 Resp: 494280
 Ion Ratio Lower Upper
 91 100
 92 51.0 26.2 78.5
 134 34.3 14.1 42.4

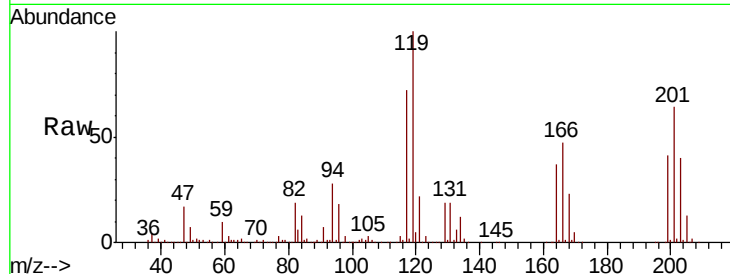




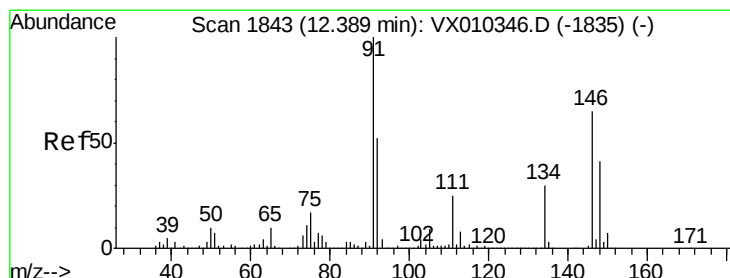
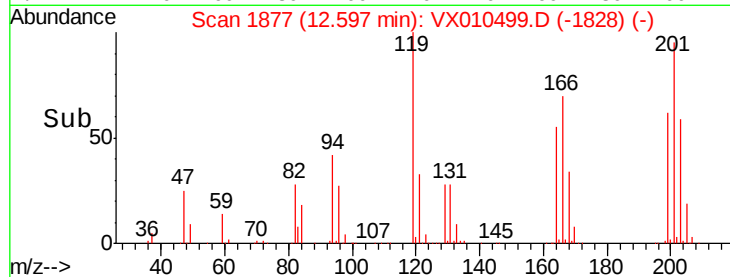
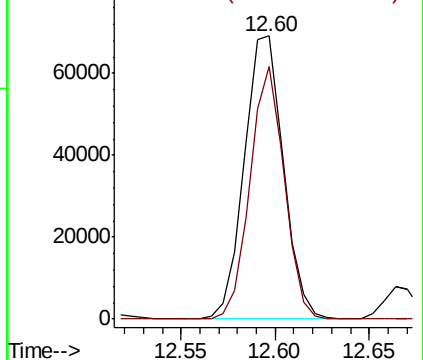
#90
Hexachloroethane
Concen: 53.573 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 99498
Ion Ratio Lower Upper
117 100
201 78.0 44.0 131.8

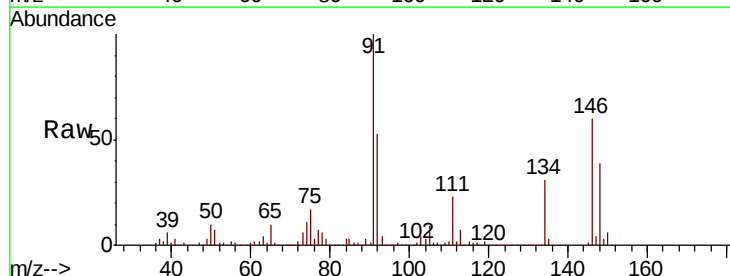


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

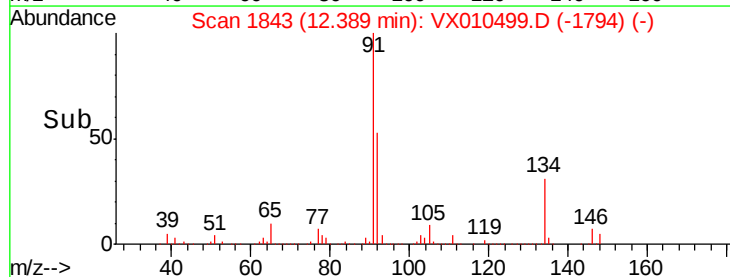
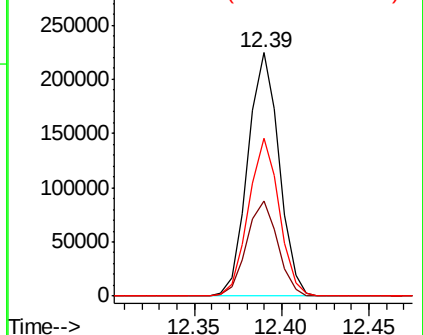


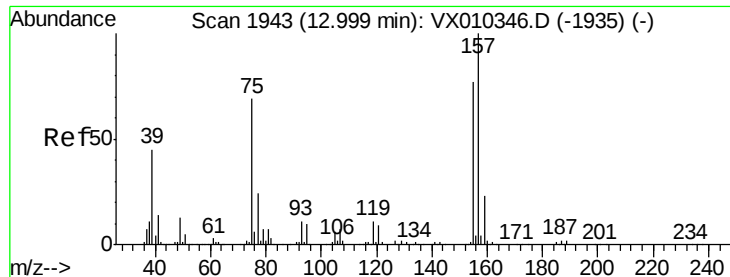
#91
1,2-Dichlorobenzene
Concen: 48.192 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:146 Resp: 279044
Ion Ratio Lower Upper
146 100
111 39.1 19.2 57.6
148 63.7 32.0 96.0



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.447 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

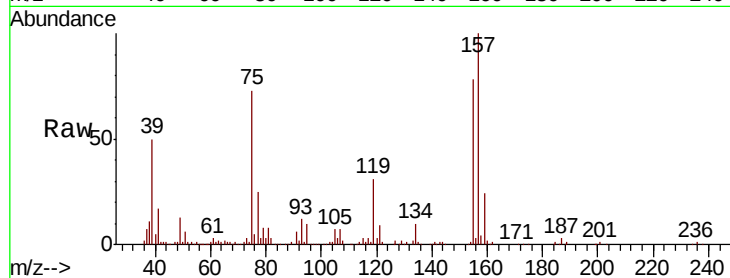
Tot Ion: 75 Resp: 43054

Ion Ratio Lower Upper

75 100

155 101.7 54.4 163.1

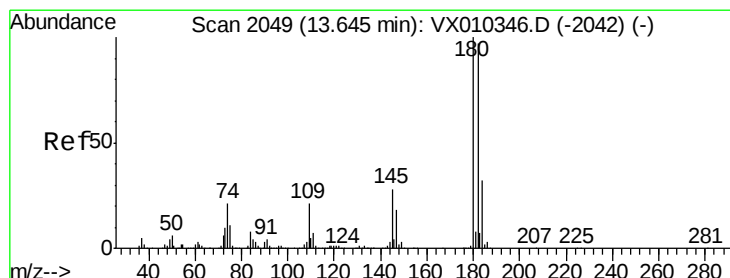
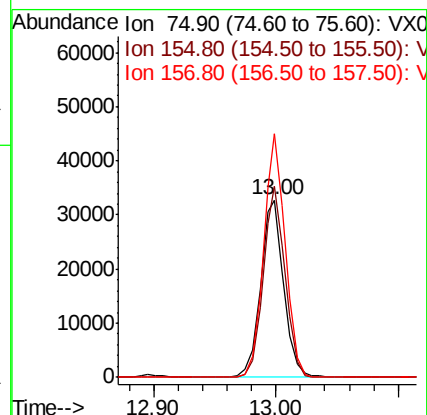
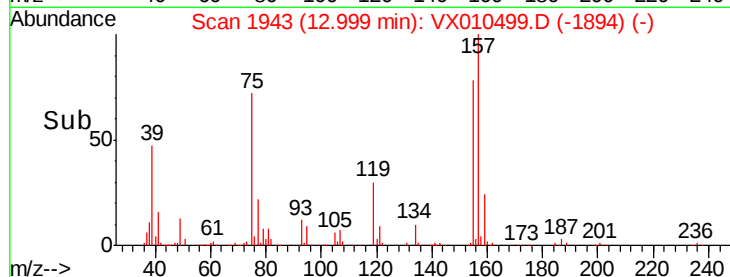
157 128.1 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.885 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

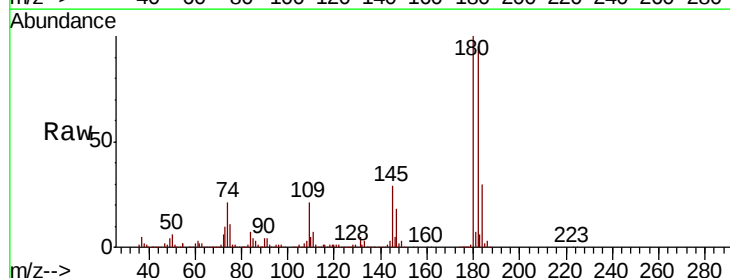
Tgt Ion:180 Resp: 200308

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

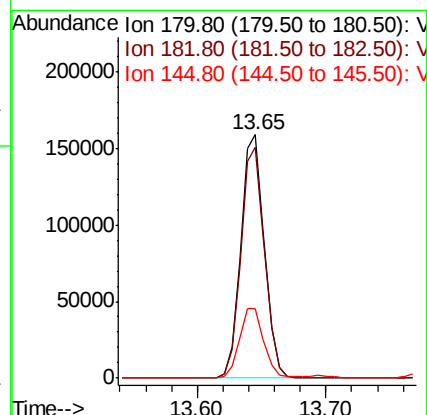
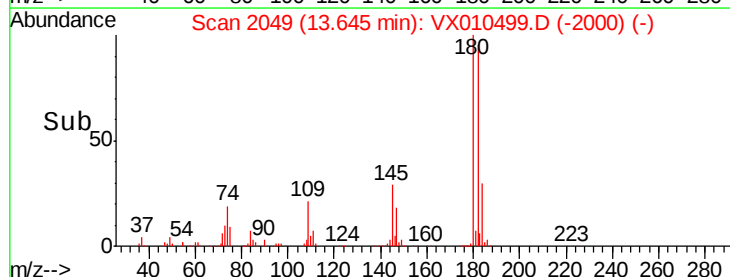
145 29.9 14.4 43.4

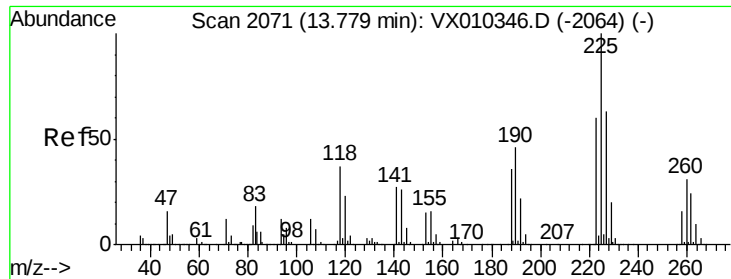


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.144 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

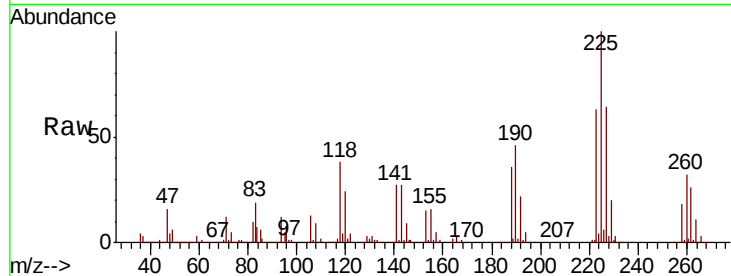
Tot Ion:225 Resp: 94482

Ion Ratio Lower Upper

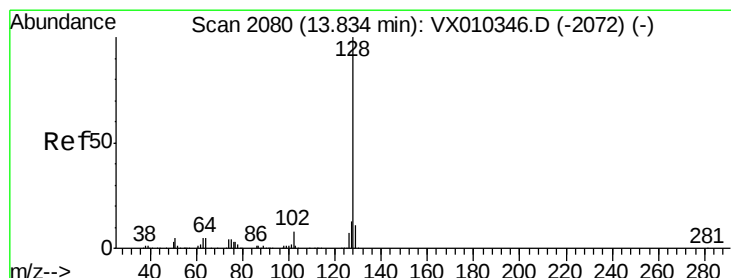
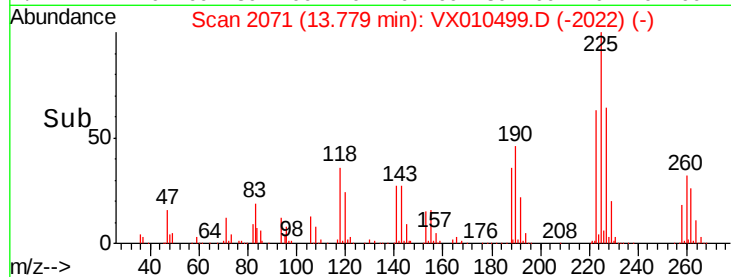
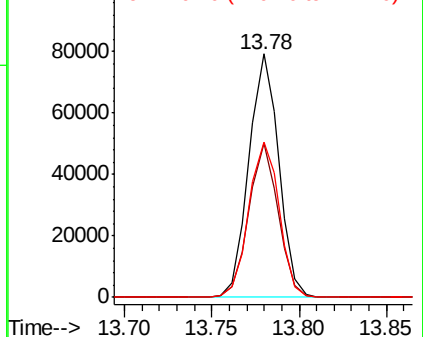
225 100

223 62.3 30.9 92.7

227 65.1 31.9 95.5



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



#95

Naphthalene

Concen: 69.051 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

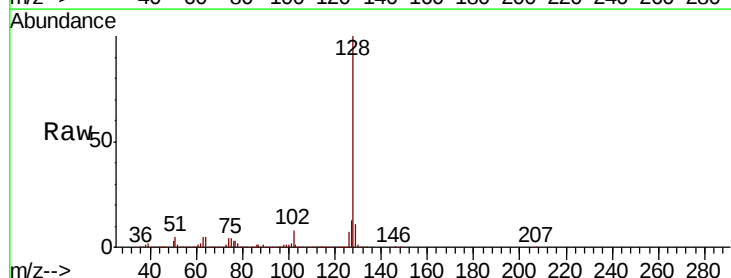
Tgt Ion:128 Resp: 852063

Ion Ratio Lower Upper

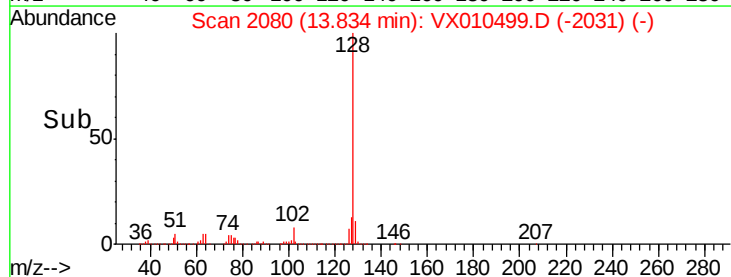
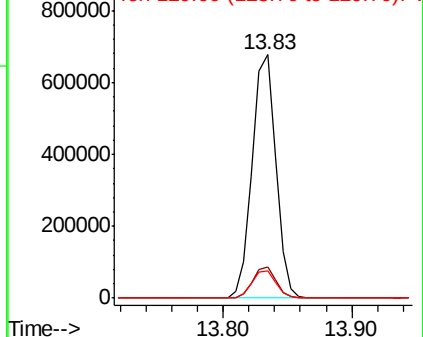
128 100

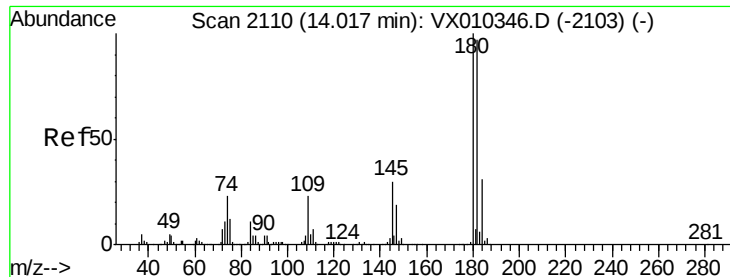
127 12.9 10.2 15.4

129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 50.111 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

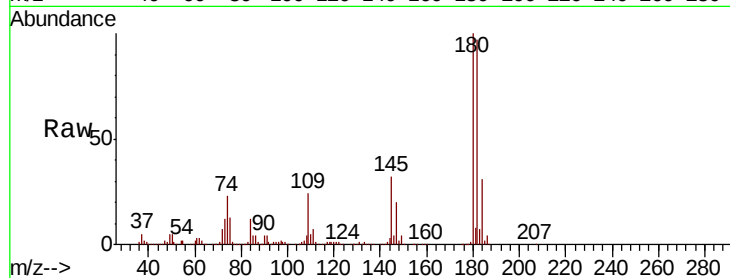
Tot Ion:180 Resp: 200062

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 31.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

