

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
 Data File : VX011047.D
 Acq On : 23 Jul 2019 09:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 04:58:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	330143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	166757	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117294	48.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	105721	50.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.90%	
50) Toluene-d8	8.71	98	393552	50.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	152283	52.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	114547	47.002	ug/l	98
3) Chloromethane	1.32	50	97291	46.259	ug/l	98
4) Vinyl Chloride	1.41	62	101210	47.179	ug/l	99
5) Bromomethane	1.64	94	52290	43.254	ug/l	100
6) Chloroethane	1.71	64	66745	48.959	ug/l	100
7) Trichlorofluoromethane	1.92	101	177655	48.922	ug/l	99
8) Diethyl Ether	2.18	74	57705	46.121	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103286	49.814	ug/l	99
10) Methyl Iodide	2.51	142	126401	46.455	ug/l	99
11) Tert butyl alcohol	3.05	59	127818	225.568	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97276	47.750	ug/l	93
13) Acrolein	2.29	56	68861	210.333	ug/l	97
14) Allyl chloride	2.73	41	141341	47.765	ug/l	99
15) Acrylonitrile	3.14	53	269676	235.520	ug/l	99
16) Acetone	2.45	43	333283	303.284	ug/l	98
17) Carbon Disulfide	2.57	76	231868	44.371	ug/l	100
18) Methyl Acetate	2.77	43	119877	47.908	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	318257	48.529	ug/l	98
20) Methylene Chloride	2.85	84	108738	46.692	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	101639	47.022	ug/l	96
22) Diisopropyl ether	3.85	45	298666	47.856	ug/l	92
23) Vinyl Acetate	3.81	43	1303906	246.586	ug/l	100
24) 1,1-Dichloroethane	3.69	63	171502	47.319	ug/l	99
25) 2-Butanone	4.67	43	415486	263.387	ug/l	99
26) 2,2-Dichloropropane	4.58	77	149188	50.131	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	119515	47.775	ug/l	99
28) Bromochloromethane	5.01	49	78912	46.203	ug/l	98
29) Tetrahydrofuran	5.12	42	231682	231.859	ug/l	100
30) Chloroform	5.21	83	186135	47.513	ug/l	98
31) Cyclohexane	5.57	56	156211	47.285	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	166879	49.237	ug/l	100
36) 1,1-Dichloropropene	5.79	75	134007	49.416	ug/l	99
37) Ethyl Acetate	4.83	43	136427	49.131	ug/l	99
38) Carbon Tetrachloride	5.78	117	147969	52.363	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175901	50.019	ug/l	99
40) Benzene	6.13	78	408504	49.176	ug/l	99
41) Methacrylonitrile	5.04	41	76212	48.347	ug/l	98
42) 1,2-Dichloroethane	6.19	62	144008	49.860	ug/l	98
43) Isopropyl Acetate	6.44	43	228418	50.026	ug/l	100
44) Trichloroethene	7.21	130	118511	48.197	ug/l	92
45) 1,2-Dichloropropane	7.51	63	103732	49.063	ug/l	100
46) Dibromomethane	7.66	93	75743	50.135	ug/l	100
47) Bromodichloromethane	7.90	83	141974	52.792	ug/l	99
48) Methyl methacrylate	7.76	41	108245	48.665	ug/l	99
49) 1,4-Dioxane	7.74	88	59741	960.174	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	749953	253.378	ug/l	100
52) Toluene	8.78	92	268144	49.137	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155217	53.677	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	168007	52.214	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	112365	50.009	ug/l	98
56) Ethyl methacrylate	9.18	69	172142	52.375	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176404	49.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	410332	261.534	ug/l	100
59) 2-Hexanone	9.49	43	613079	267.057	ug/l	99
60) Dibromochloromethane	9.58	129	123194	47.760	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120677	50.608	ug/l	100
64) Tetrachloroethene	9.34	164	118318	49.206	ug/l	97
65) Chlorobenzene	10.13	112	305968	48.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113227	51.318	ug/l	99
67) Ethyl Benzene	10.25	91	535591	50.122	ug/l	99
68) m/p-Xylenes	10.35	106	413353	100.844	ug/l	99
69) o-Xylene	10.69	106	199135	49.779	ug/l	99
70) Styrene	10.71	104	347273	52.076	ug/l	100
71) Bromoform	10.85	173	95995	47.897	ug/l #	99
73) Isopropylbenzene	11.02	105	547528	48.592	ug/l	100
74) N-amyl acetate	10.90	43	211876	49.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174794	47.403	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	197323	65.573	ug/l	83
77) Bromobenzene	11.25	156	148636	47.823	ug/l	99
78) n-propylbenzene	11.36	91	624943	50.196	ug/l	99
79) 2-Chlorotoluene	11.42	91	366047	48.944	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465796	49.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54428	46.157	ug/l	99
82) 4-Chlorotoluene	11.51	91	434826	49.953	ug/l	99
83) tert-Butylbenzene	11.77	119	460169	49.758	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	475271	50.083	ug/l	100
85) sec-Butylbenzene	11.94	105	555808	51.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	512724	51.179	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	269781	50.017	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	265639	48.020	ug/l	98
89) n-Butylbenzene	12.38	91	451634	52.694	ug/l	100
90) Hexachloroethane	12.59	117	83200	52.653	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	264824	49.541	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38393	49.810	ug/l	98

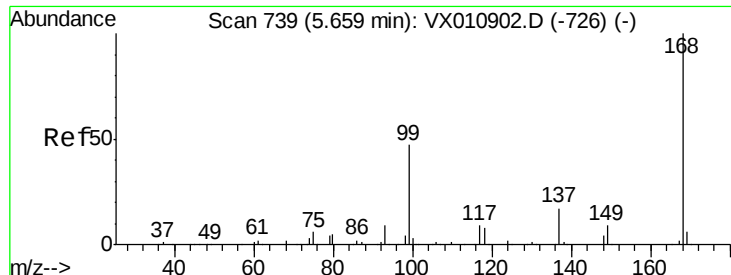
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	185779	51.281	ug/l	98
94) Hexachlorobutadiene	13.78	225	91518	50.977	ug/l	99
95) Naphthalene	13.83	128	548854	51.305	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	184629	51.220	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

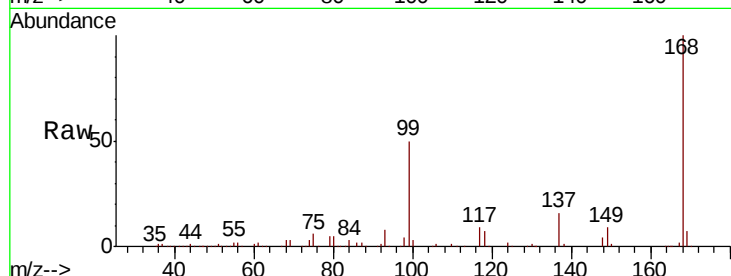
ClientSampleId :

Tot Ion:168 Resp: 228709

Ion Ratio Lower Upper

168 100

99 50.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

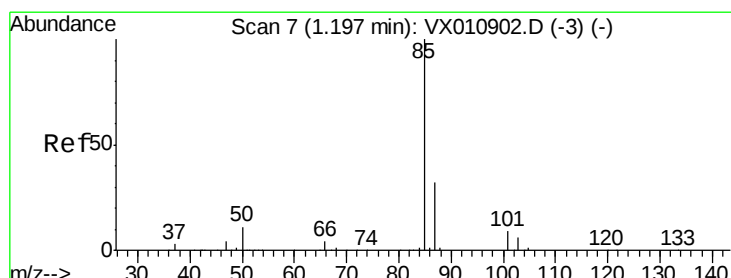
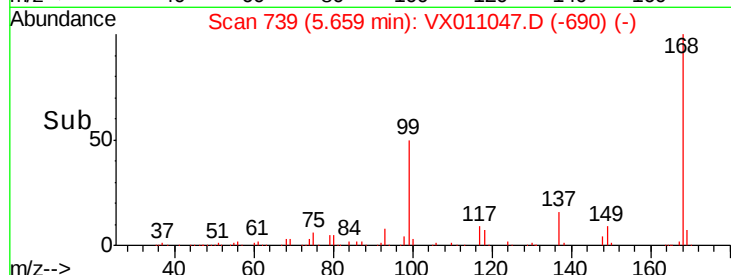
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.002 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011047.D

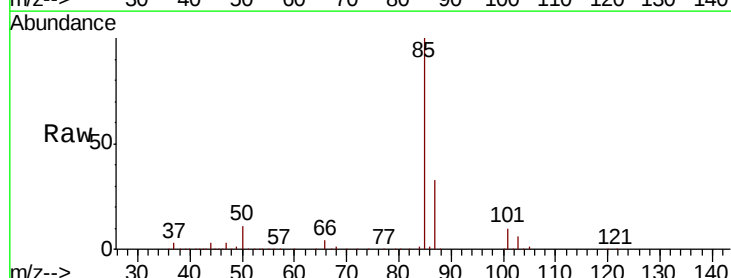
Acq: 23 Jul 2019 09:40

Tgt Ion: 85 Resp: 114547

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

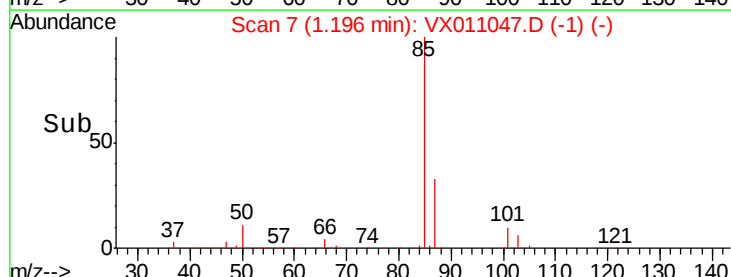
1.20

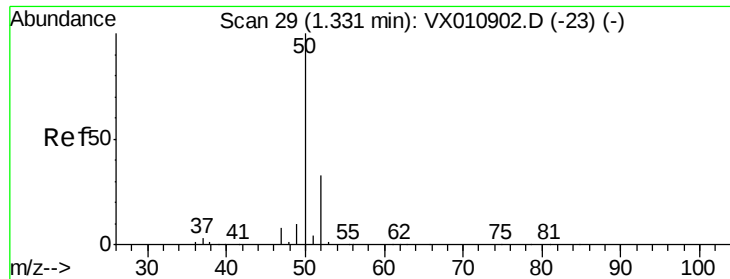
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.259 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

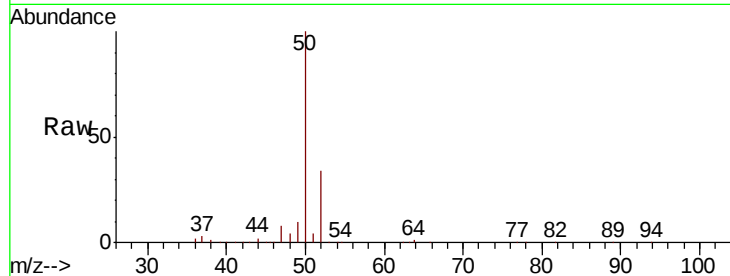
ClientSampleId :

Tot Ion: 50 Resp: 97291

Ion Ratio Lower Upper

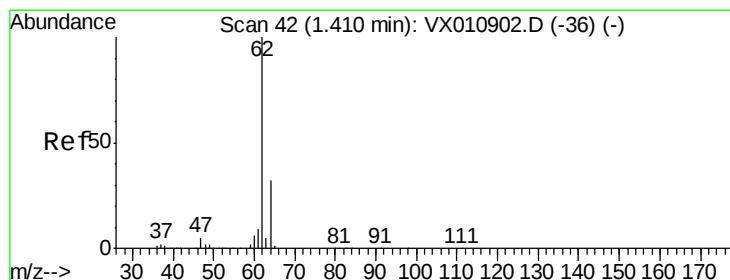
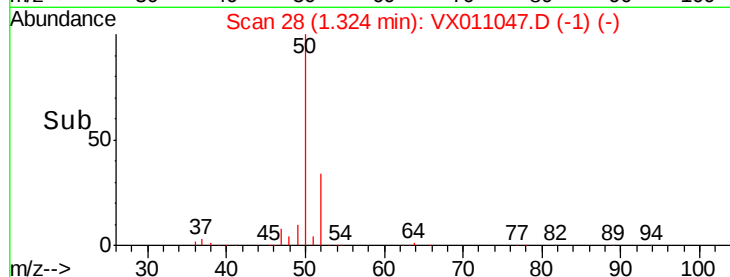
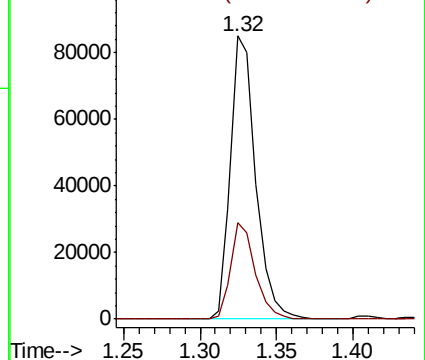
50 100

52 34.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.179 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011047.D

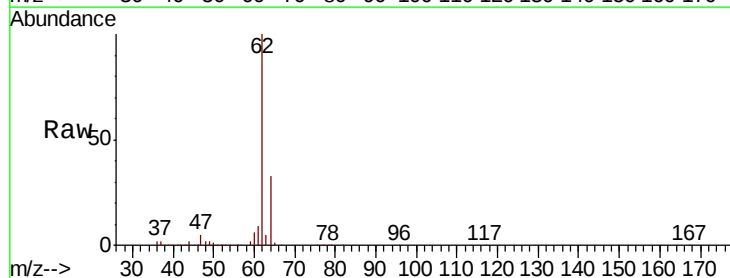
Acq: 23 Jul 2019 09:40

Tgt Ion: 62 Resp: 101210

Ion Ratio Lower Upper

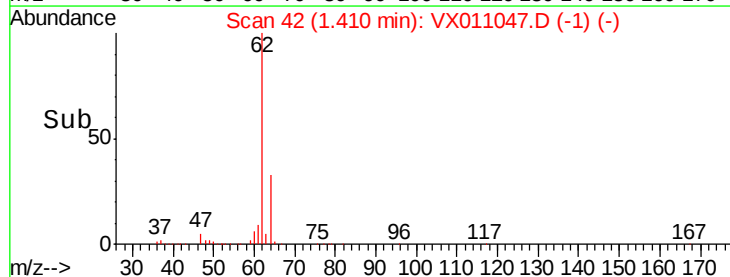
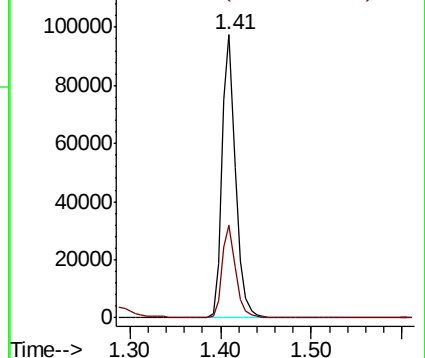
62 100

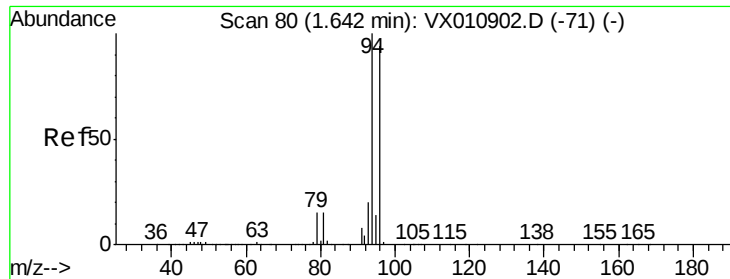
64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

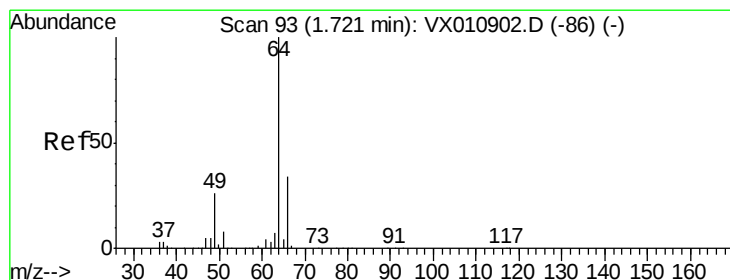
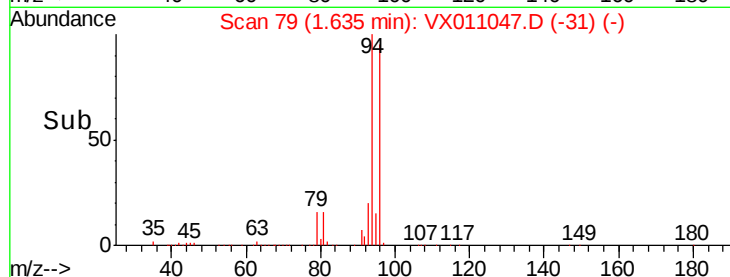
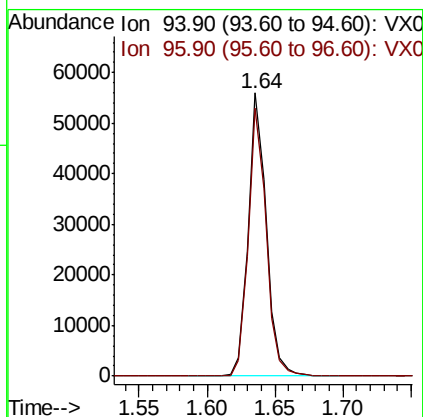
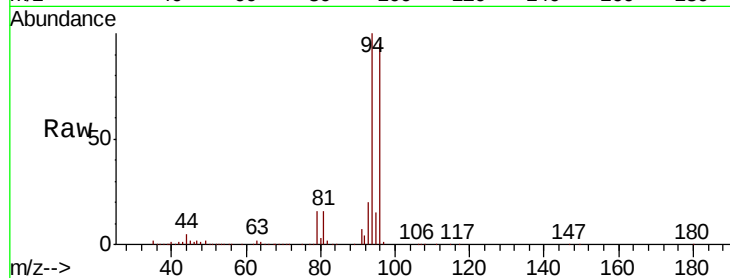




#5
 Bromomethane
 Concen: 43.254 ug/l
 RT: 1.64 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

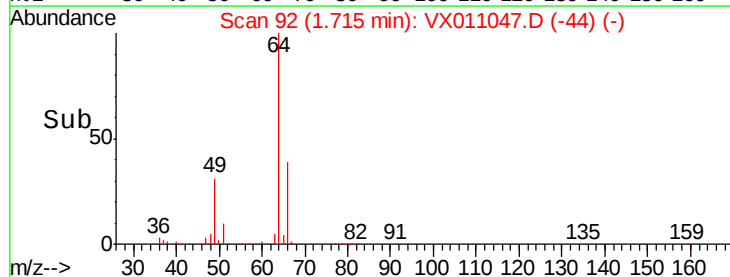
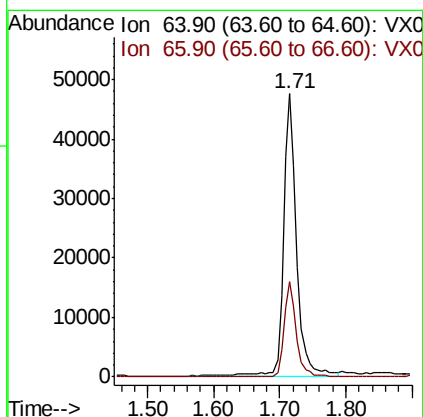
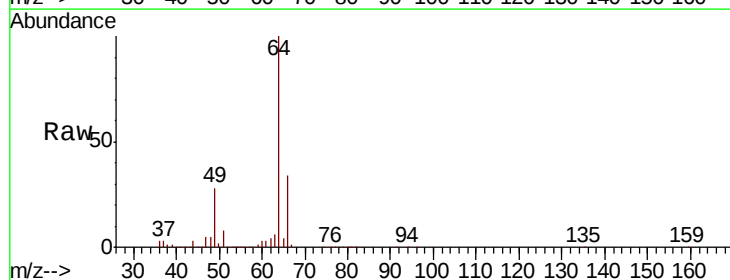
Instrument :
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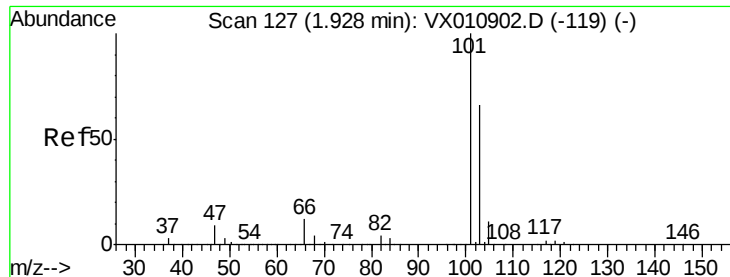
Tot Ion: 94 Resp: 52290
 Ion Ratio Lower Upper
 94 100
 96 94.6 75.6 113.4



#6
 Chloroethane
 Concen: 48.959 ug/l
 RT: 1.71 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 64 Resp: 66745
 Ion Ratio Lower Upper
 64 100
 66 33.6 27.0 40.6



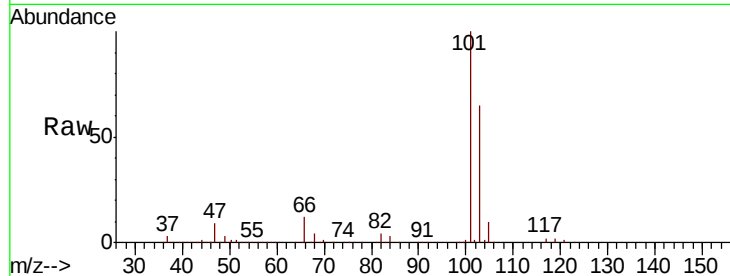


#7

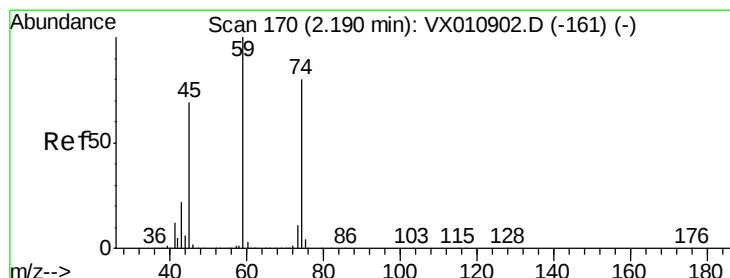
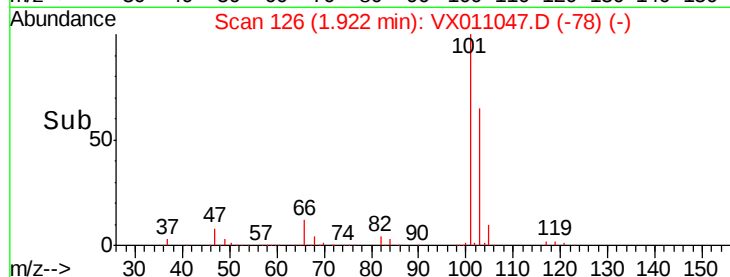
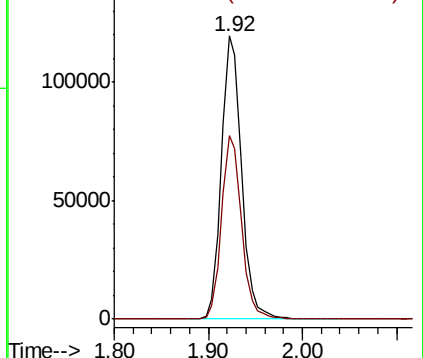
Trichlorofluoromethane
Concen: 48.922 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 177655
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8



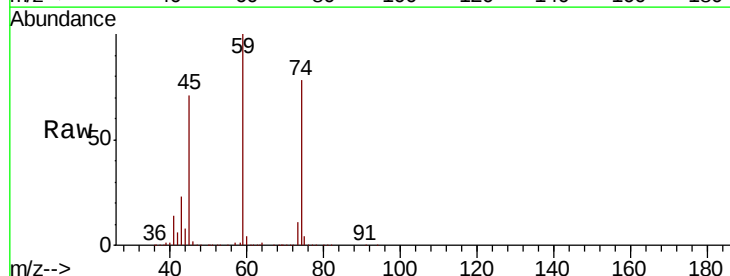
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



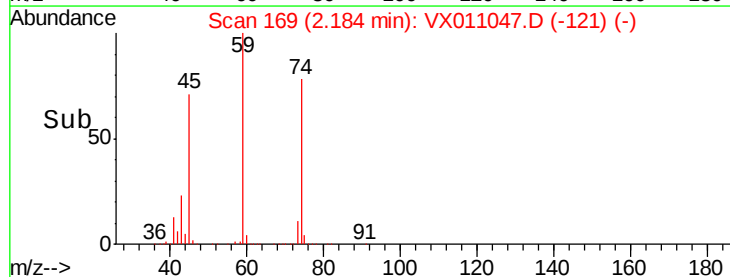
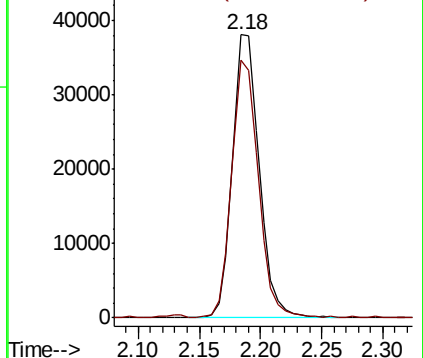
#8

Diethyl Ether
Concen: 46.121 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 74 Resp: 57705
Ion Ratio Lower Upper
74 100
45 89.3 45.5 136.5



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: 49.814 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

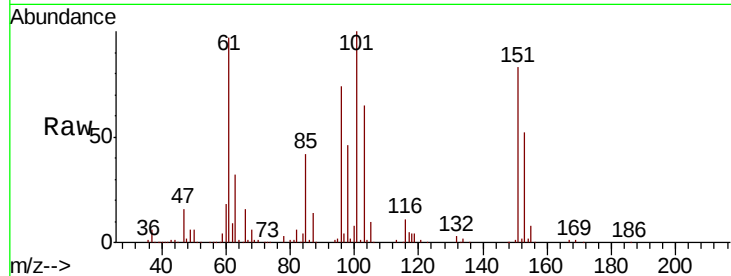
Tot Ion:101 Resp: 103286

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

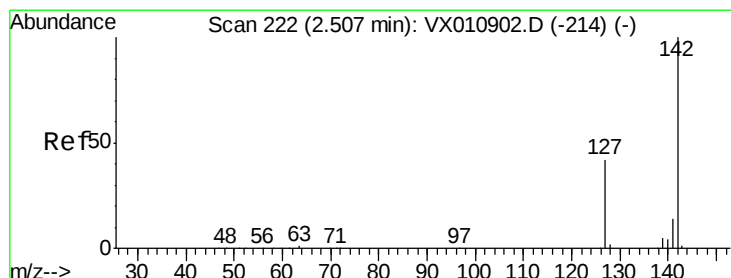
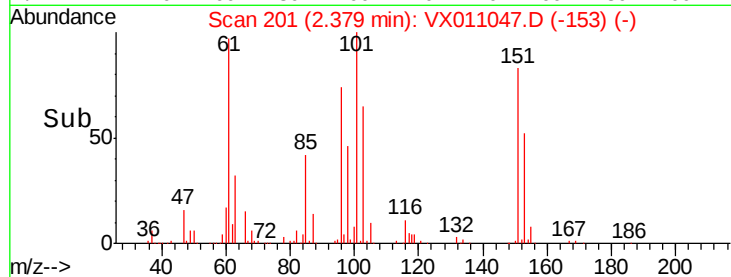
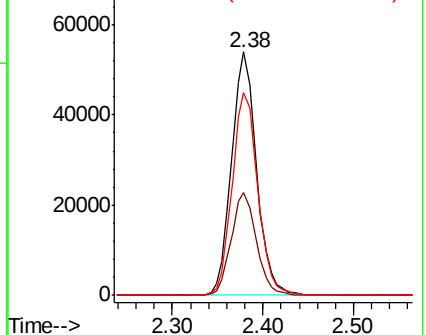
151 85.4 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.455 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

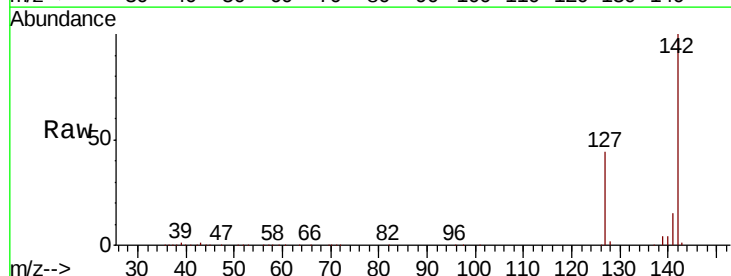
Tgt Ion:142 Resp: 126401

Ion Ratio Lower Upper

142 100

127 43.2 34.2 51.4

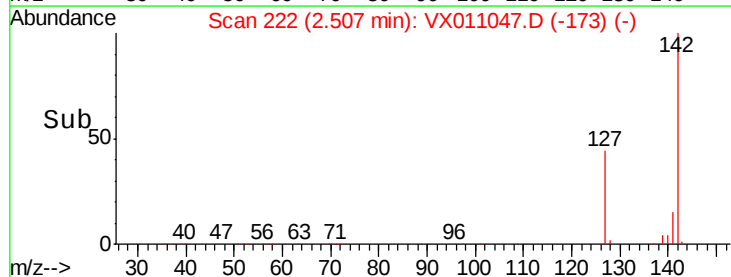
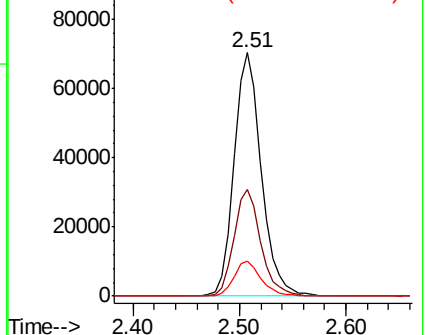
141 14.4 11.7 17.5



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

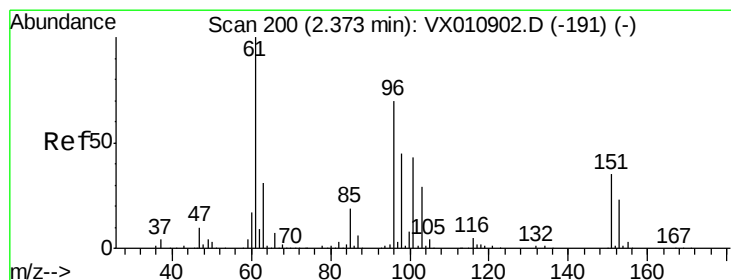
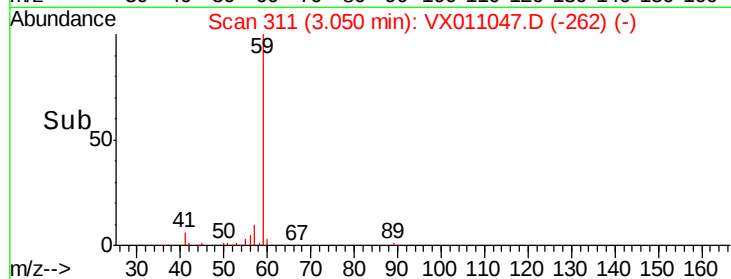
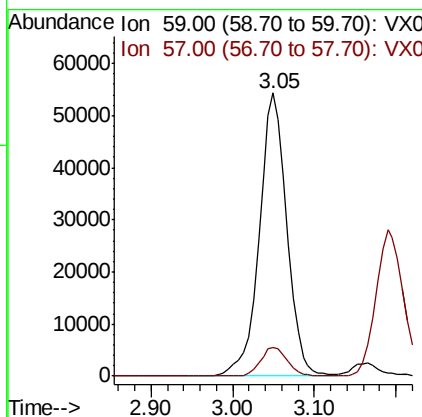
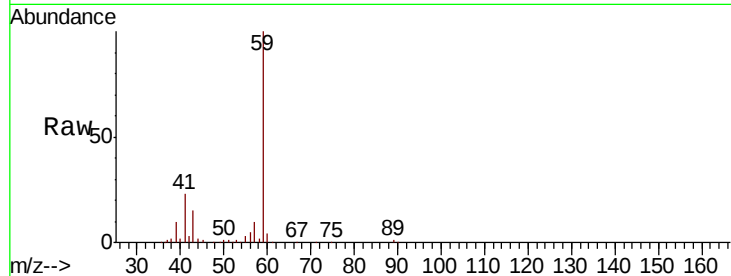




#11
Tert butyl alcohol
Concen: 225.568 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

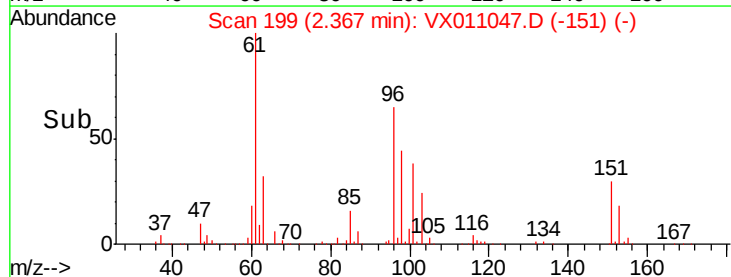
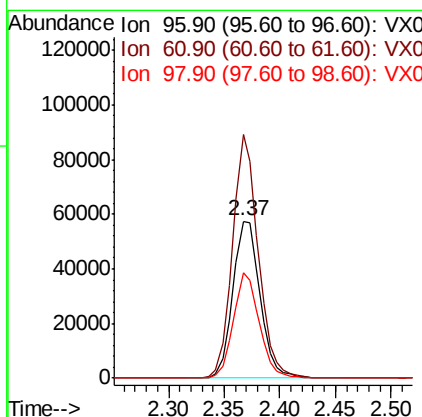
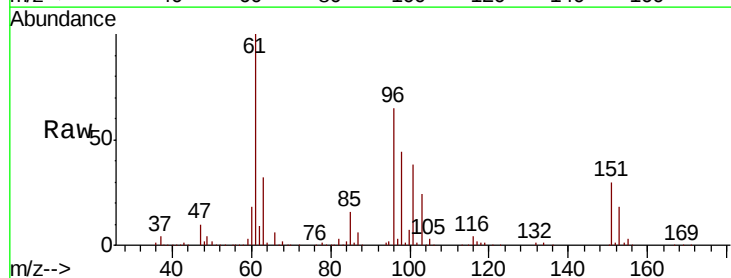
Instrument :
MSVOA_X
ClientSampleId :

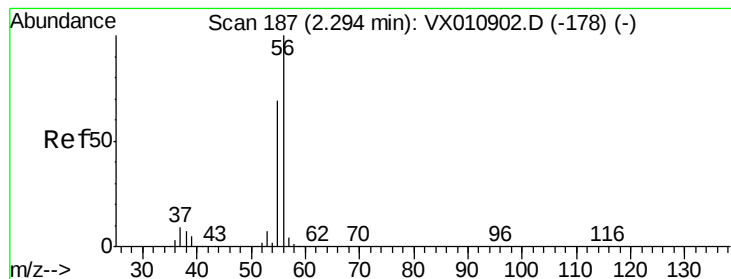
Tot Ion: 59 Resp: 127818
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9



#12
1,1-Dichloroethene
Concen: 47.750 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 96 Resp: 97276
Ion Ratio Lower Upper
96 100
61 154.9 115.0 172.4
98 67.4 52.2 78.2





#13

Acrolein

Concen: 210.333 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

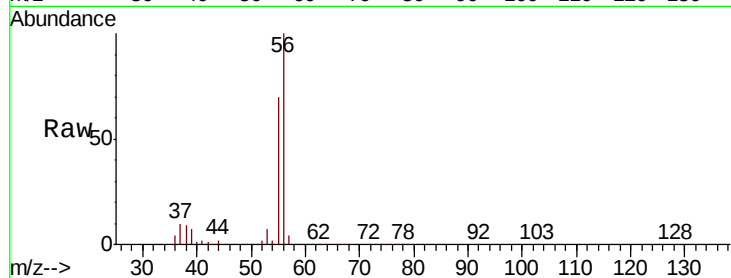
ClientSampleId :

Tot Ion: 56 Resp: 68861

Ion Ratio Lower Upper

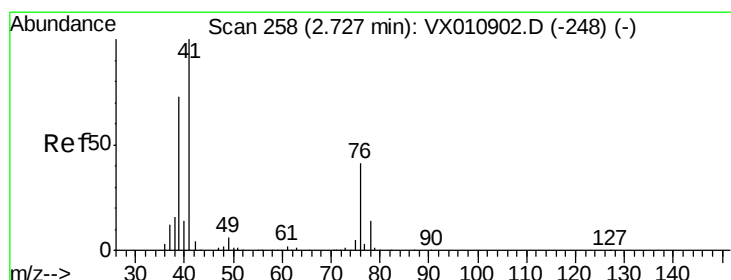
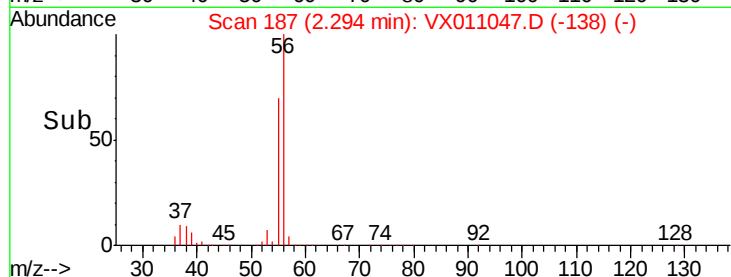
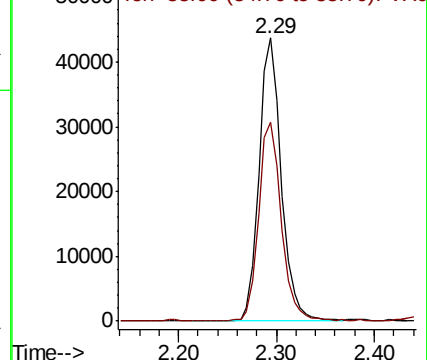
56 100

55 72.2 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.765 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

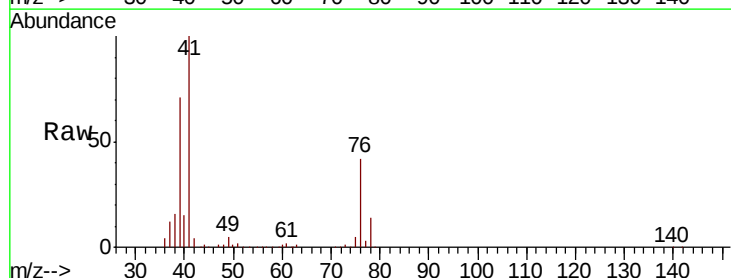
Tgt Ion: 41 Resp: 141341

Ion Ratio Lower Upper

41 100

39 67.5 53.6 80.4

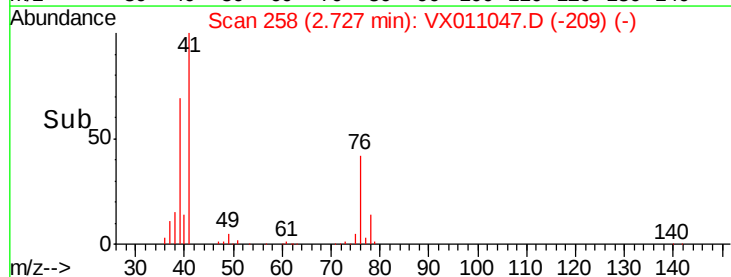
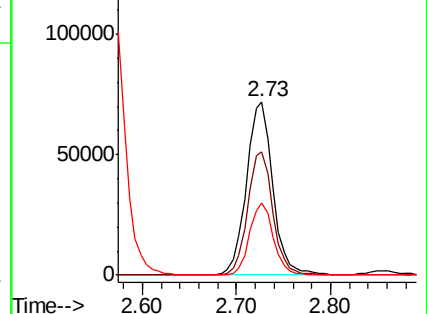
76 37.5 29.7 44.5

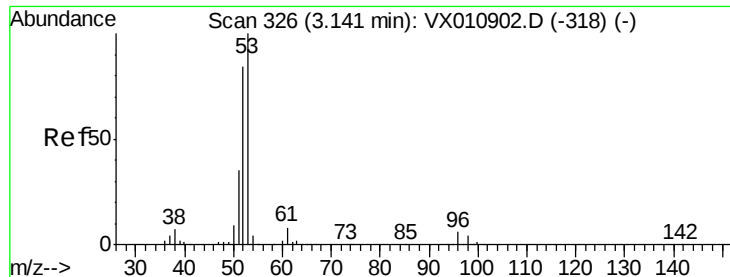


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 235.520 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :

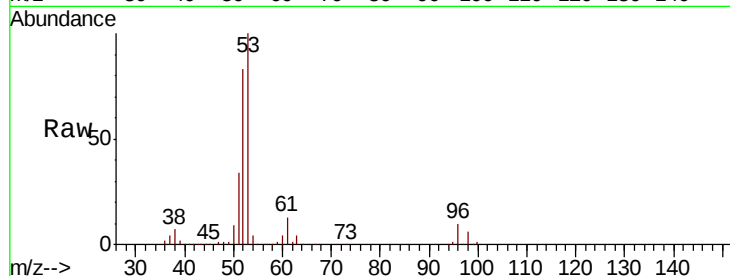
Tot Ion: 53 Resp: 269676

Ion Ratio Lower Upper

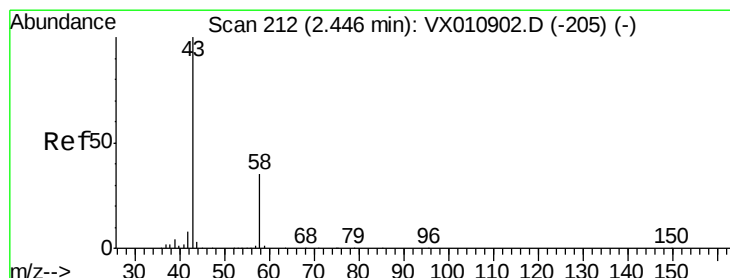
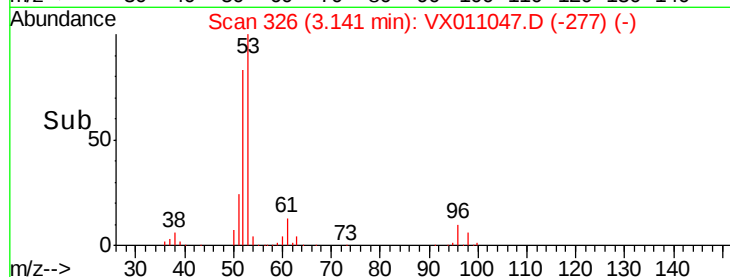
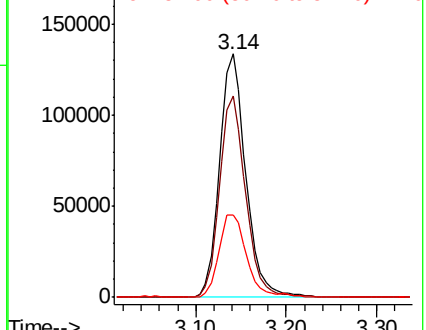
53 100

52 82.5 66.5 99.7

51 36.0 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: 303.284 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011047.D

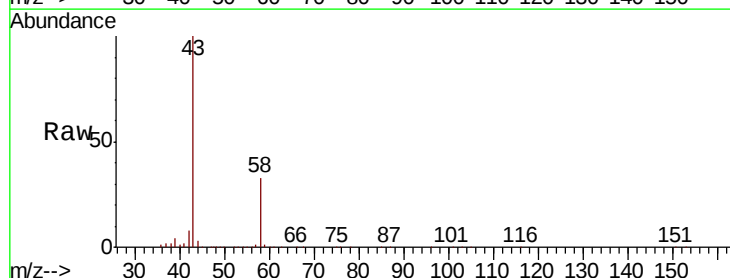
Acq: 23 Jul 2019 09:40

Tgt Ion: 43 Resp: 333283

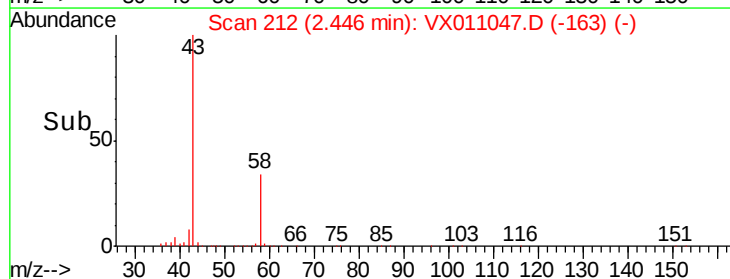
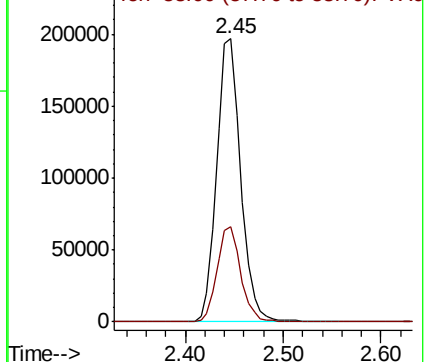
Ion Ratio Lower Upper

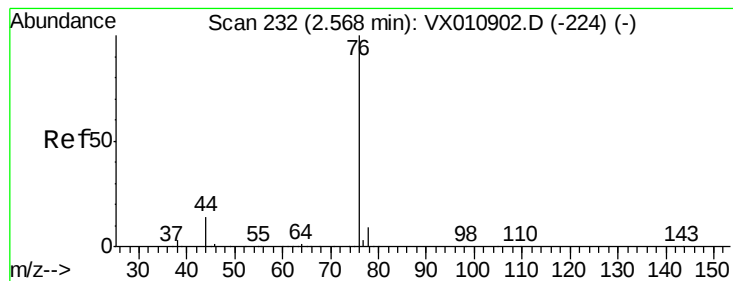
43 100

58 33.5 27.7 41.5



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





#17

Carbon Disulfide

Concen: 44.371 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

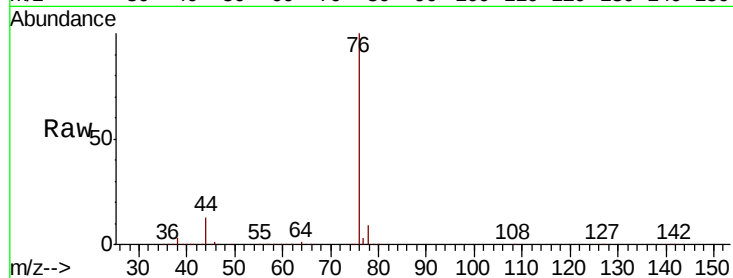
ClientSampleId :

Tot Ion: 76 Resp: 231868

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

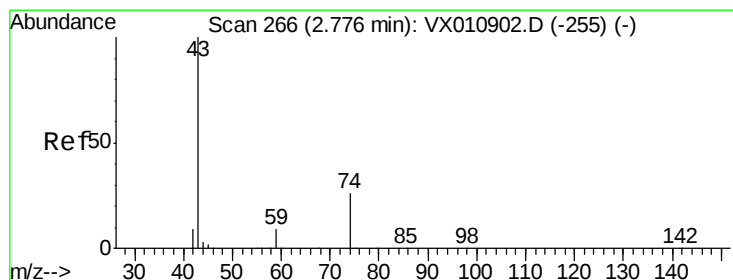
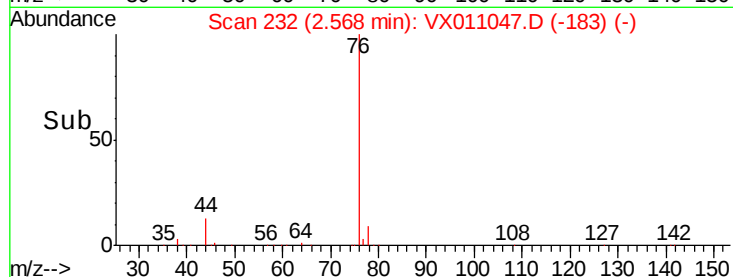
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.908 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX011047.D

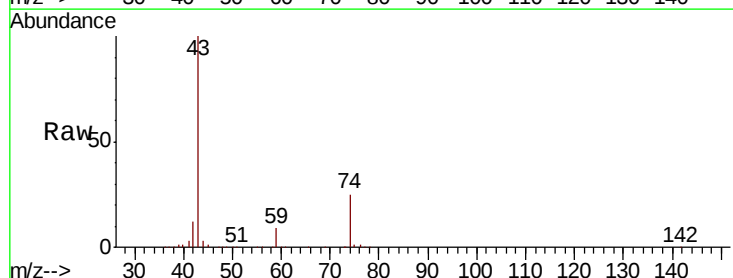
Acq: 23 Jul 2019 09:40

Tgt Ion: 43 Resp: 119877

Ion Ratio Lower Upper

43 100

74 26.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

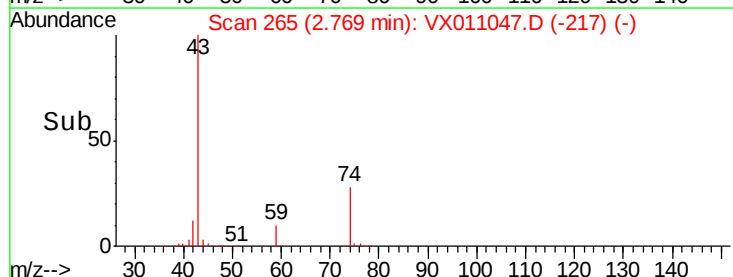
60000

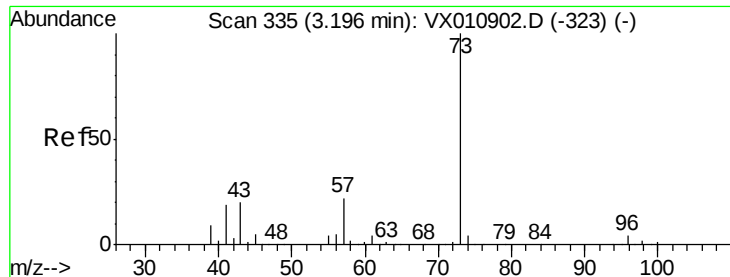
40000

20000

0

Time-->

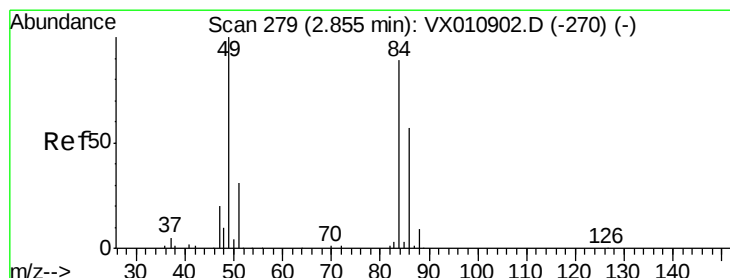
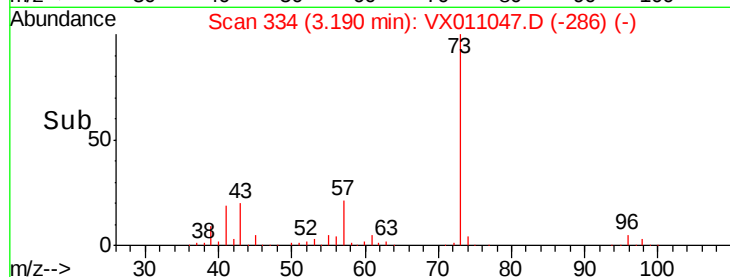
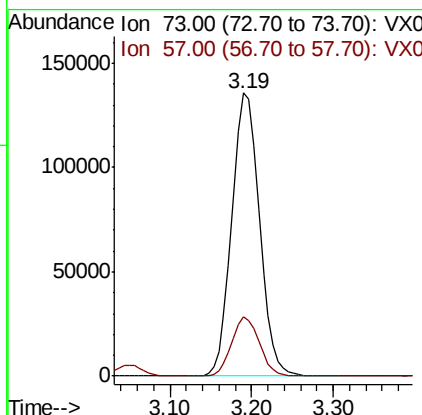
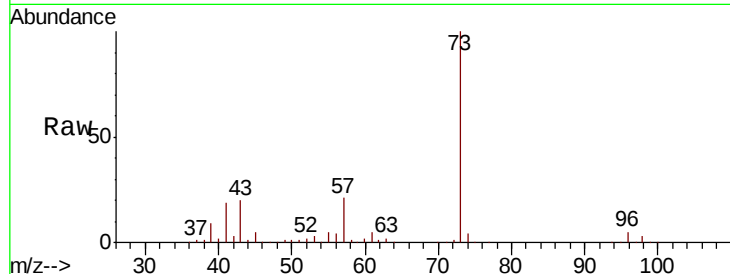




#19
Methyl tert-butyl Ether
Concen: 48.529 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

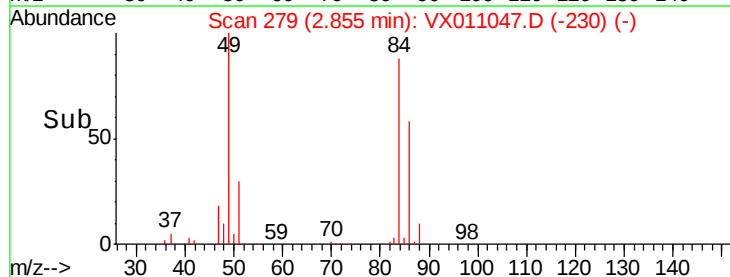
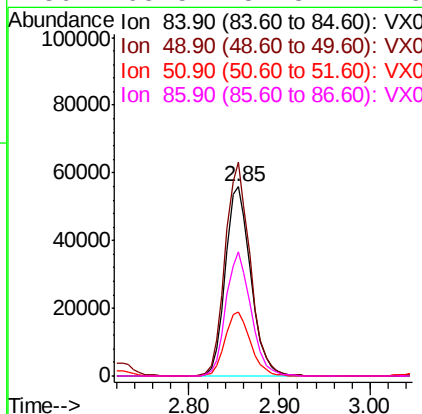
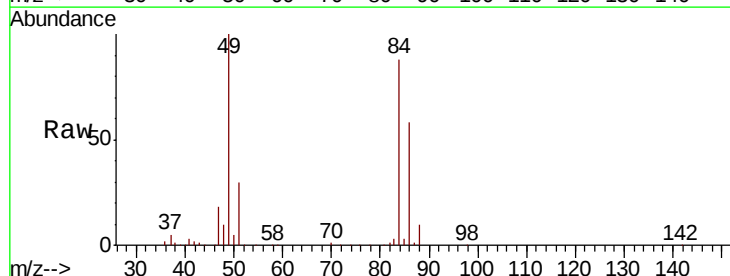
Instrument :
MSVOA_X
ClientSampled :

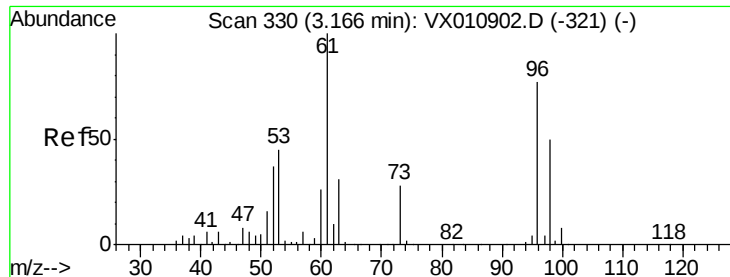
Tot Ion: 73 Resp: 318257
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 46.692 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 84 Resp: 108738
Ion Ratio Lower Upper
84 100
49 113.1 89.9 134.9
51 33.9 27.8 41.6
86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.022 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampled :

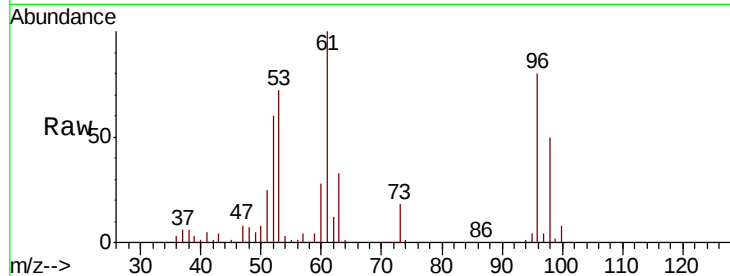
Tot Ion: 96 Resp: 101639

Ion Ratio Lower Upper

96 100

61 125.7 104.2 156.2

98 62.3 52.2 78.4

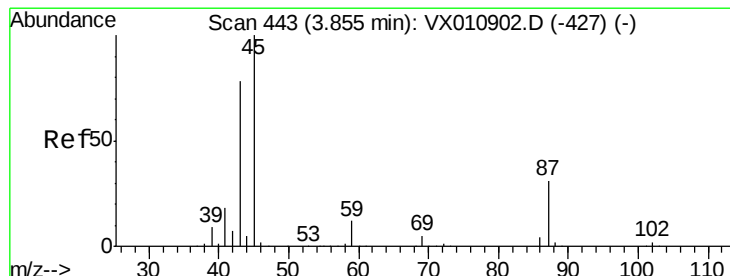
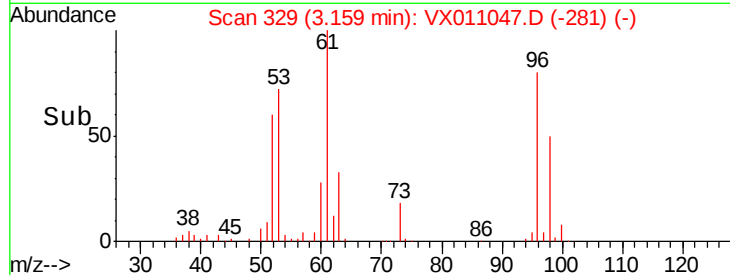
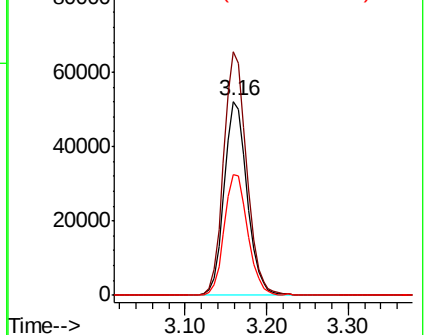


Abundance

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



#22

Diisopropyl ether

Concen: 47.856 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion: 45 Resp: 298666

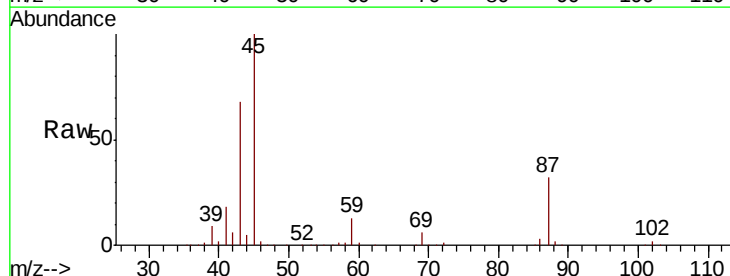
Ion Ratio Lower Upper

45 100

43 67.8 62.3 93.5

87 32.0 25.0 37.4

59 12.9 9.9 14.9



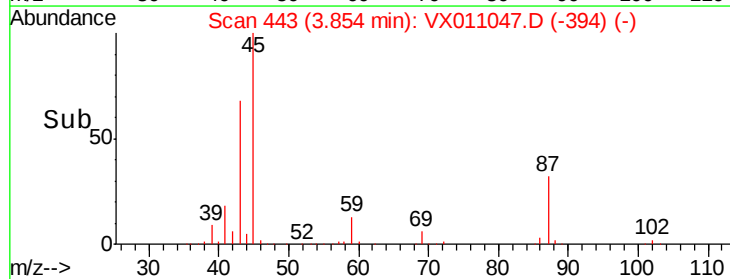
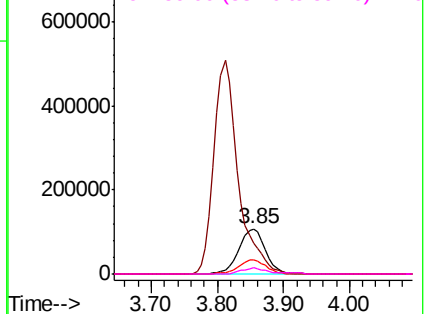
Abundance

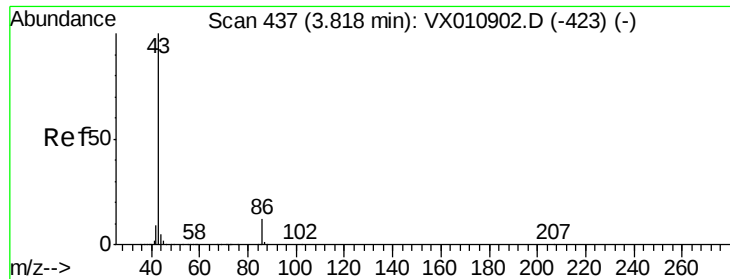
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.586 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

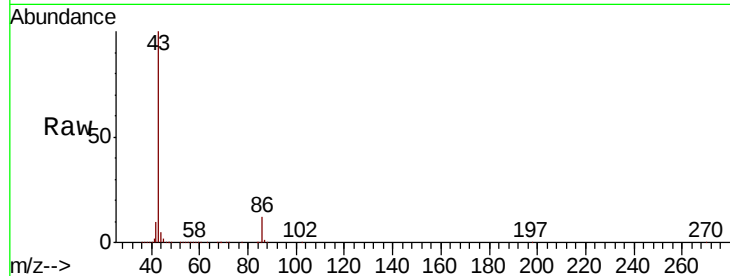
ClientSampled :

Tot Ion: 43 Resp: 1303906

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-423) (-)

Ion 86.00 (85.70 to 86.70): VX010902.D (-423) (-)

3.81

500000

400000

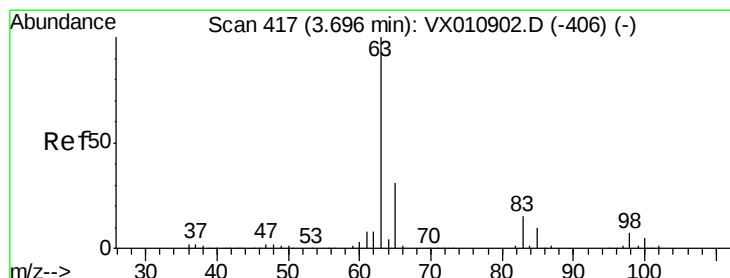
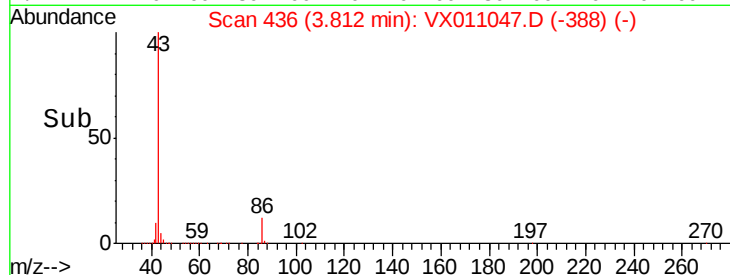
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.319 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

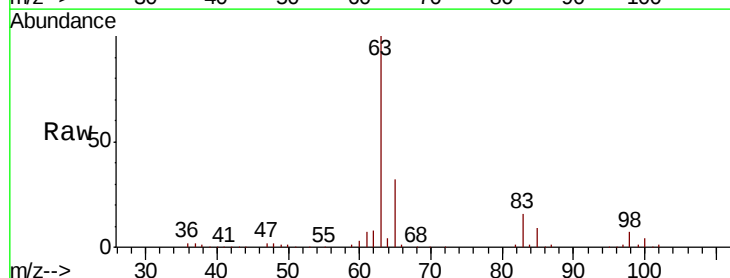
Tgt Ion: 63 Resp: 171502

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX010902.D (-406) (-)

Ion 97.90 (97.60 to 98.60): VX010902.D (-406) (-)

Ion 99.90 (99.60 to 100.60): VX010902.D (-406) (-)

3.69

80000

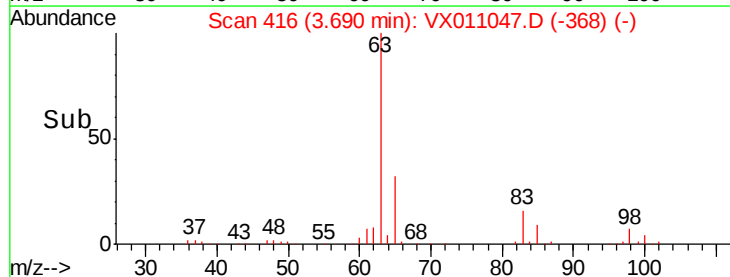
60000

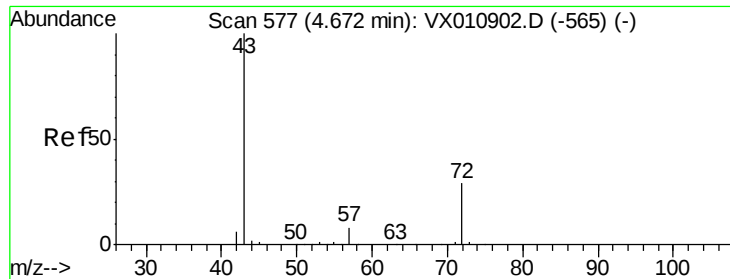
40000

20000

0

Time-->





#25

2-Butanone

Concen: 263.387 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

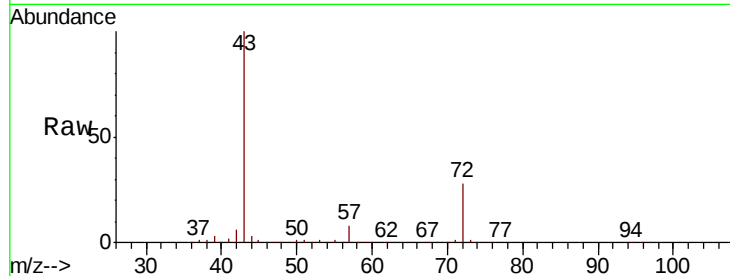
ClientSampleId :

Tot Ion: 43 Resp: 415486

Ion Ratio Lower Upper

43 100

72 28.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-565) (-)

Ion 72.00 (71.70 to 72.70): VX010902.D (-565) (-)

4.67

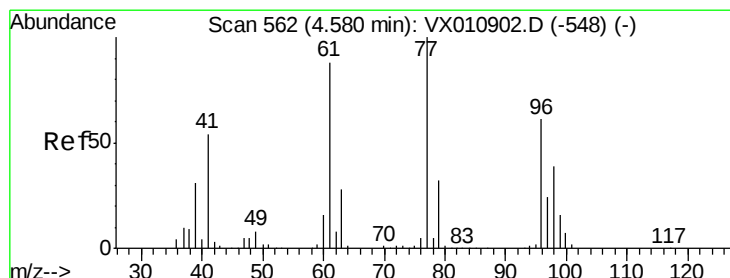
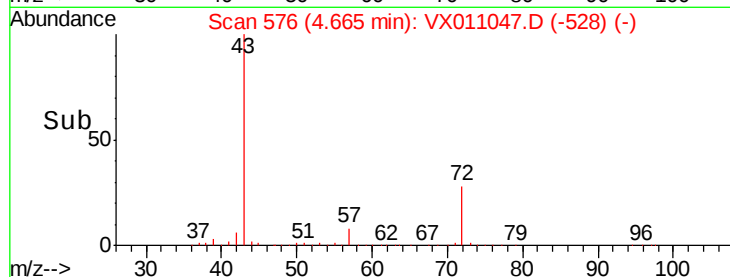
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.131 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011047.D

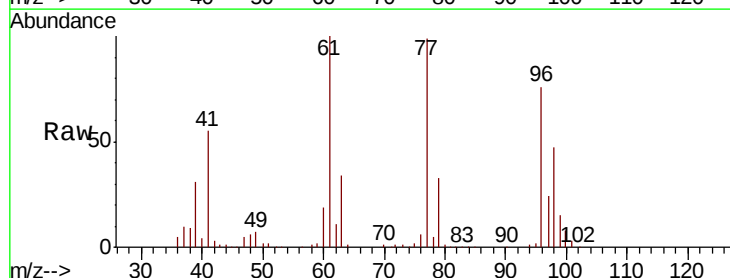
Acq: 23 Jul 2019 09:40

Tgt Ion: 77 Resp: 149188

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX010902.D (-548) (-)

Ion 96.90 (96.60 to 97.60): VX010902.D (-548) (-)

4.58

50000

40000

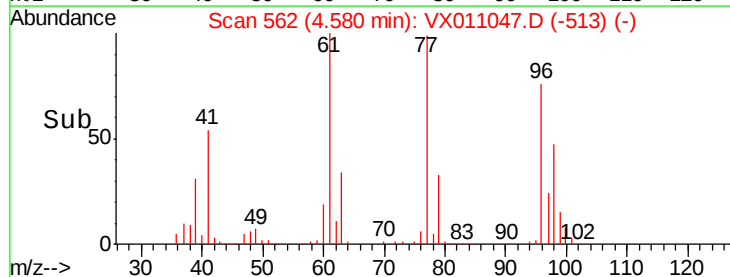
30000

20000

10000

0

Time-->



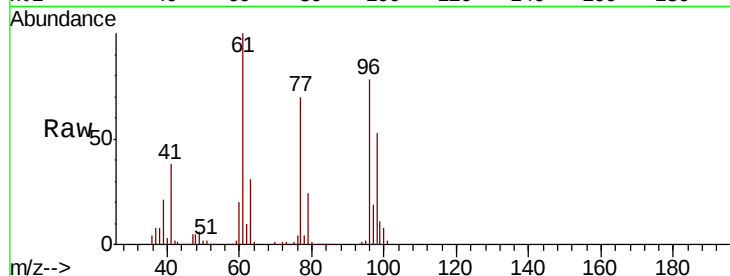


#27

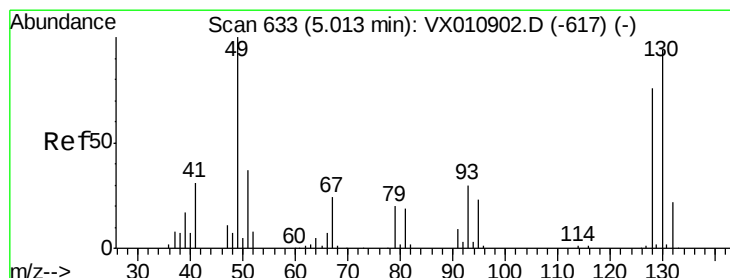
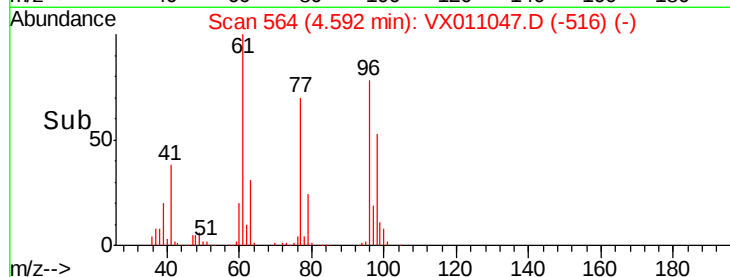
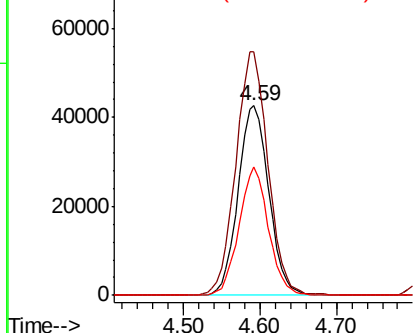
cis-1,2-Dichloroethene
 Concen: 47.775 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 119515
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 269.0
 98 64.6 0.0 131.4



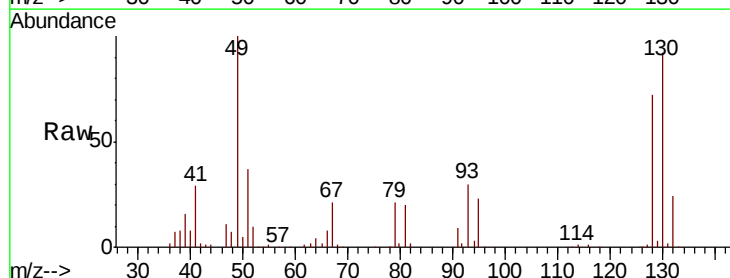
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



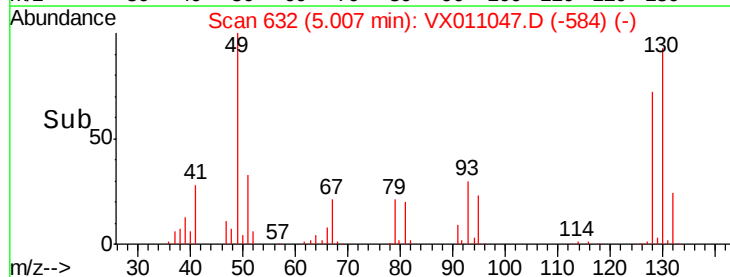
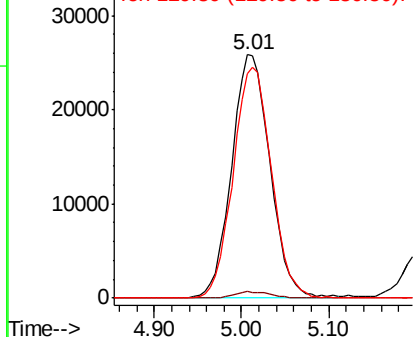
#28

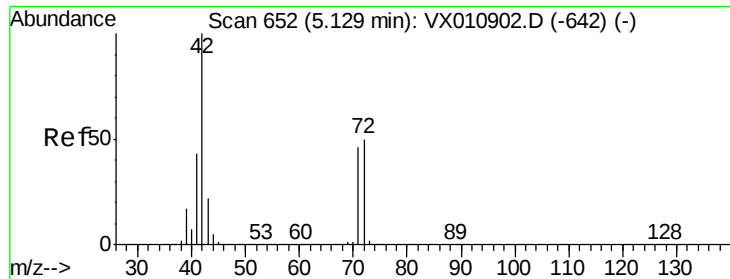
Bromochloromethane
 Concen: 46.203 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 49 Resp: 78912
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 94.5 76.9 115.3



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

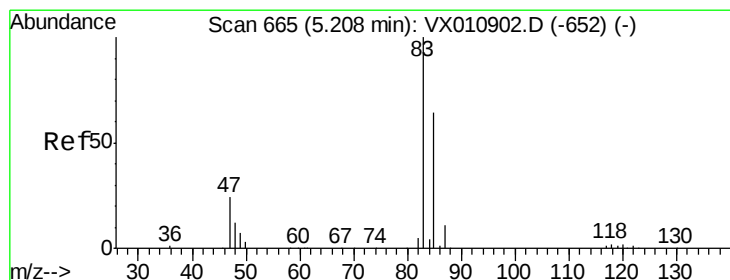
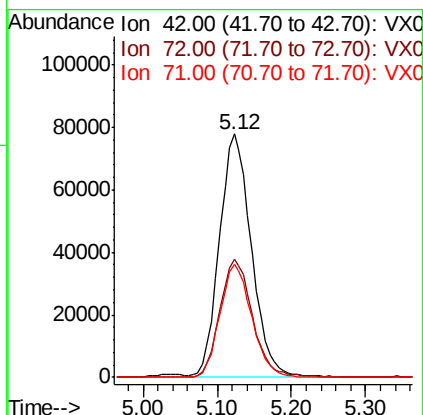
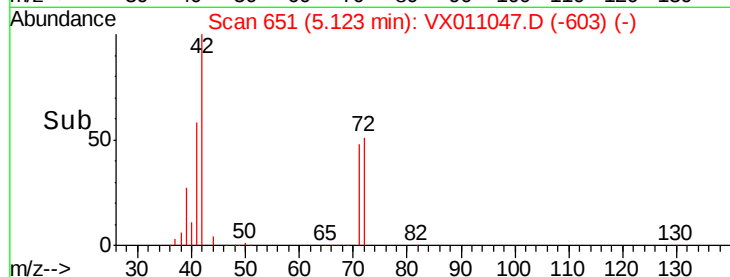
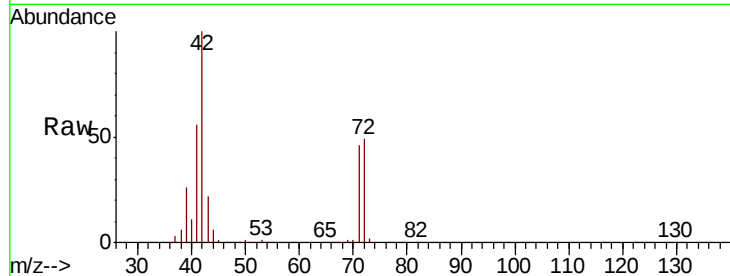




#29
Tetrahydrofuran
Concen: 231.859 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

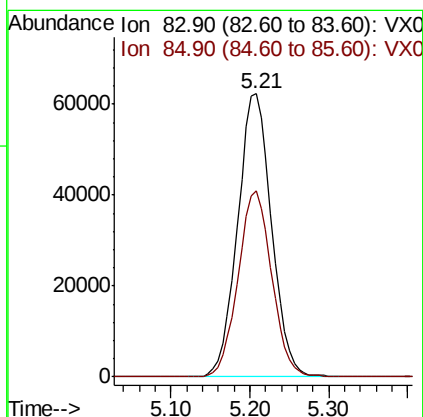
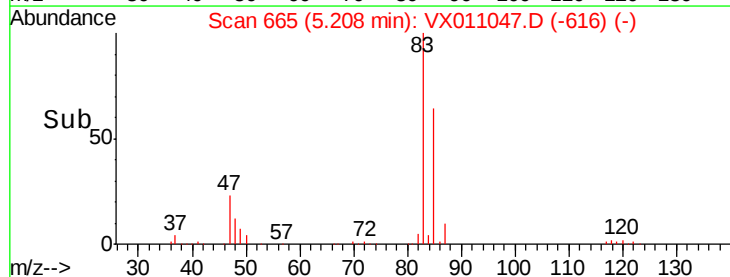
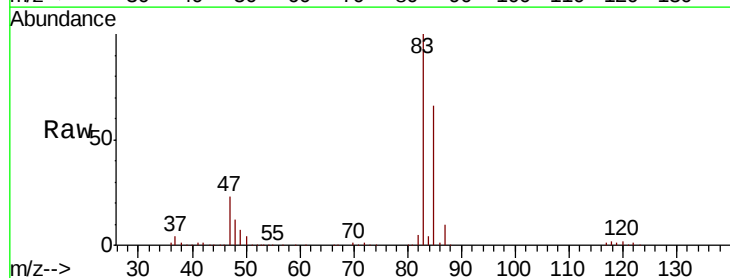
Instrument :
MSVOA_X
ClientSampled :

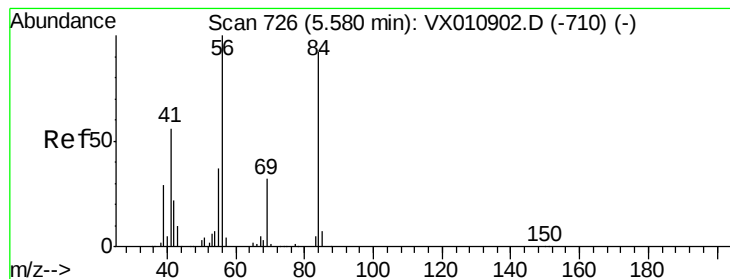
Tot Ion: 42 Resp: 231682
Ion Ratio Lower Upper
42 100
72 50.0 39.8 59.8
71 46.5 37.0 55.4



#30
Chloroform
Concen: 47.513 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 83 Resp: 186135
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.0





#31

Cyclohexane

Concen: 47.285 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

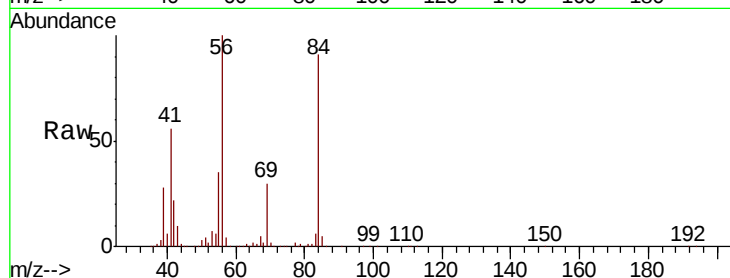
Tot Ion: 56 Resp: 156211

Ion Ratio Lower Upper

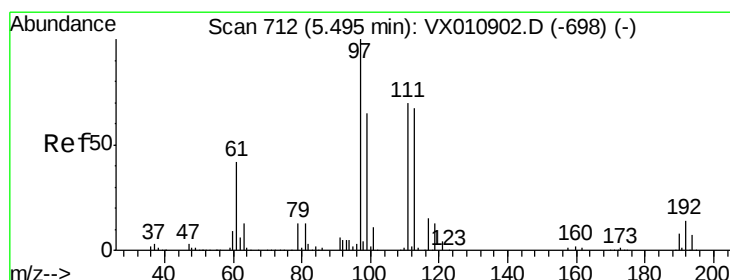
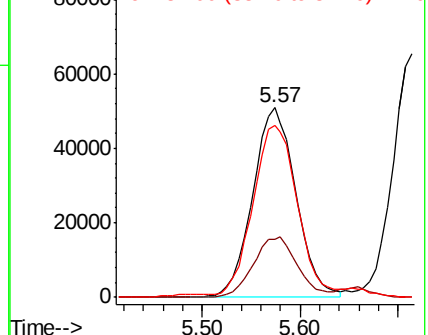
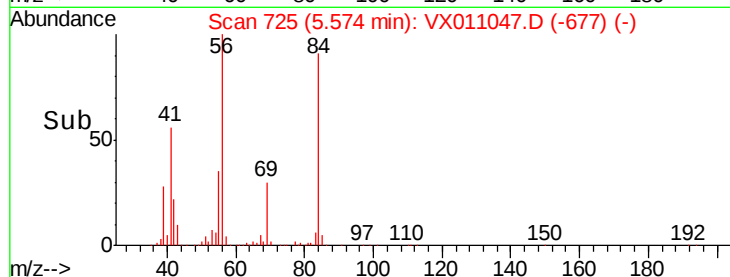
56 100

69 30.3 25.8 38.8

84 89.1 73.8 110.6



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: 49.237 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

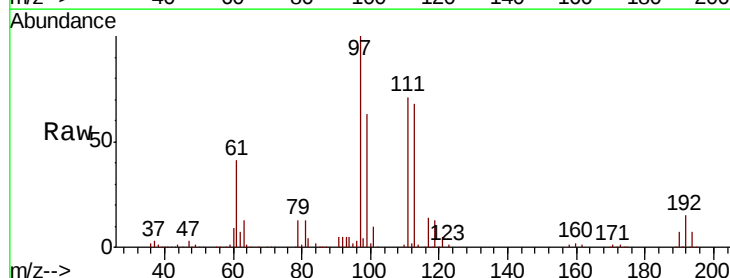
Tgt Ion: 97 Resp: 166879

Ion Ratio Lower Upper

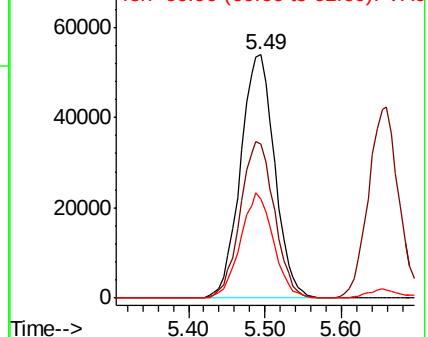
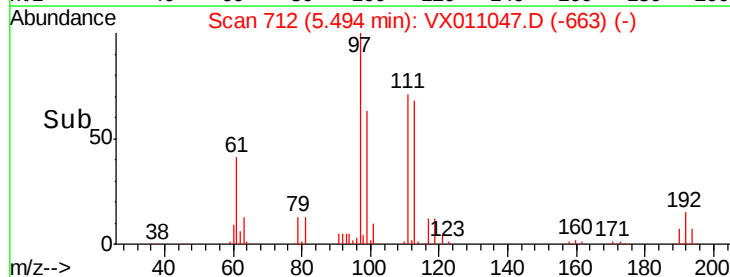
97 100

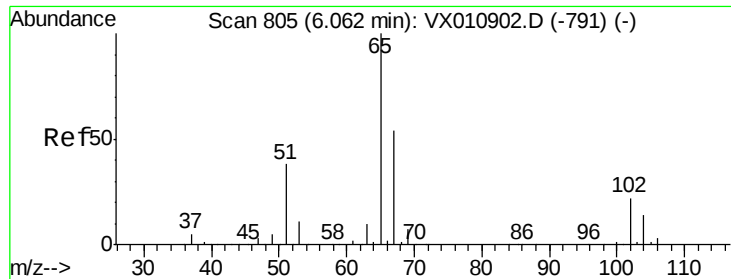
99 64.4 51.4 77.0

61 41.8 33.0 49.6



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

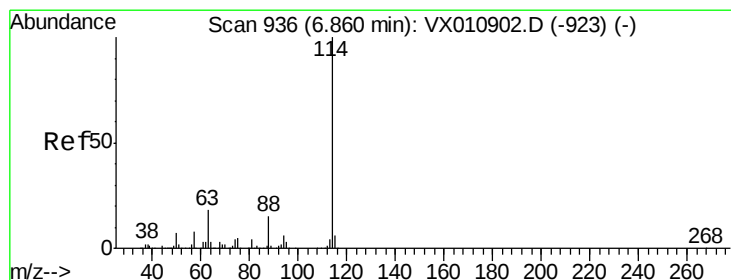
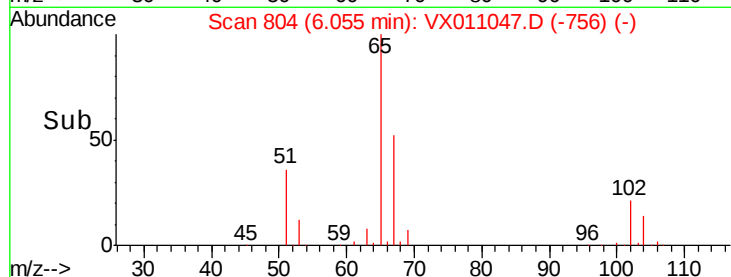
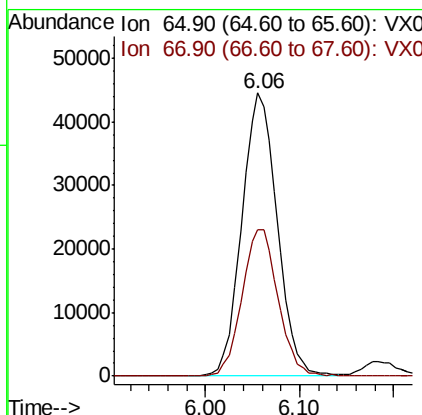
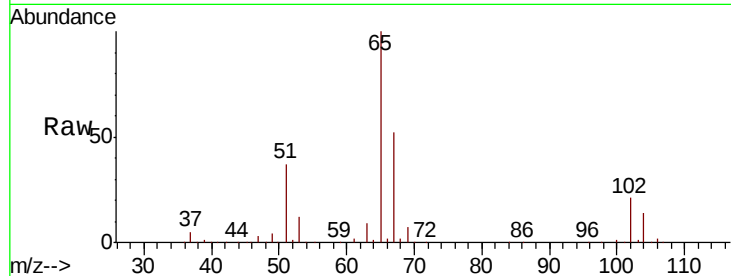




#33
 1,2-Dichloroethane-d4
 Concen: 48.207 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

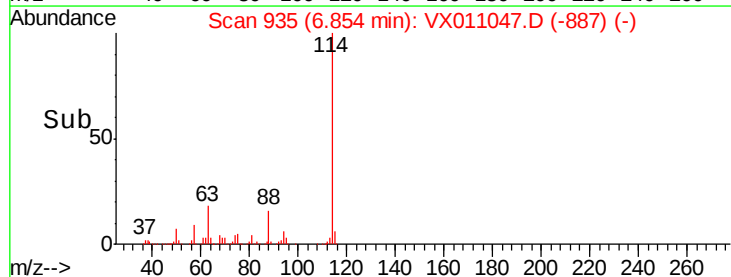
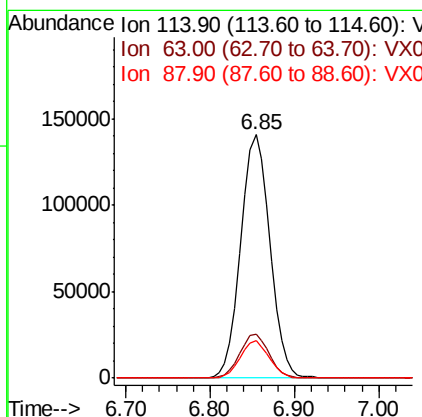
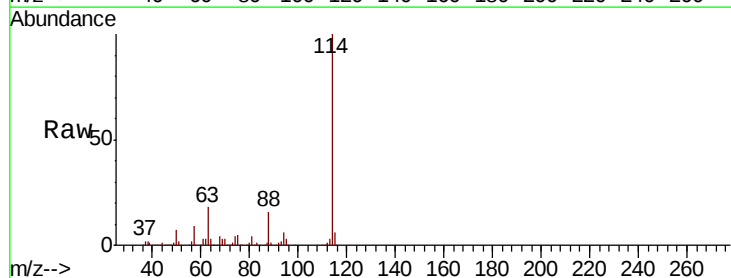
Instrument :
 MSVOA_X
 ClientSampled :

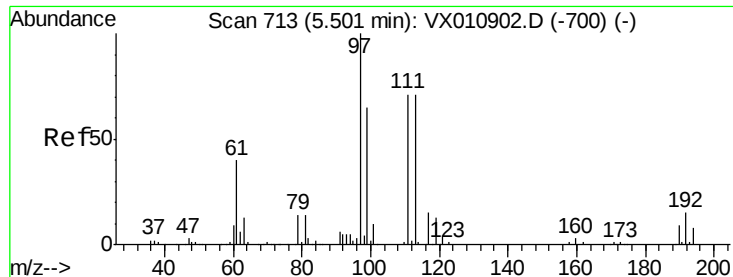
Tot Ion: 65 Resp: 117294
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 114 Resp: 330143
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 15.5 0.0 29.8

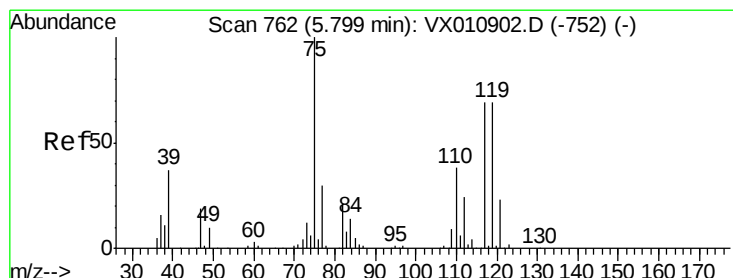
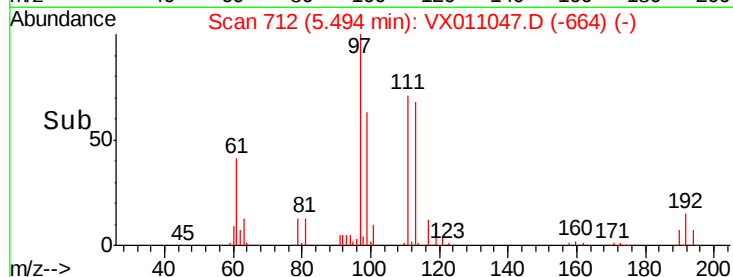
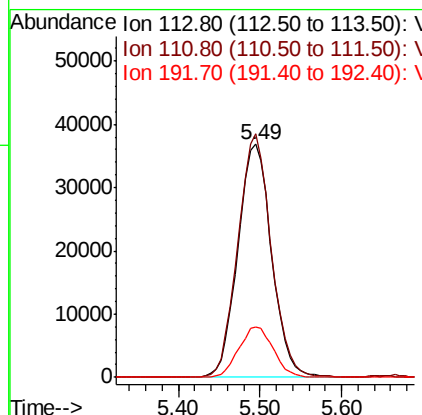
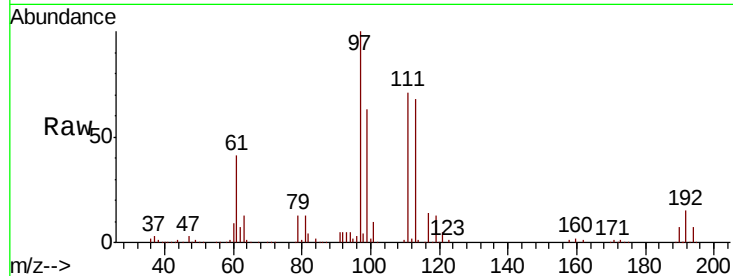




#35
 Dibromofluoromethane
 Concen: 50.452 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

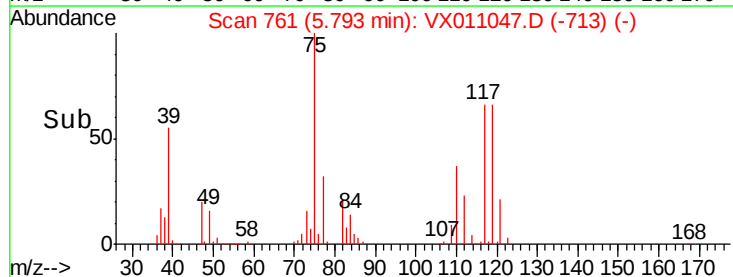
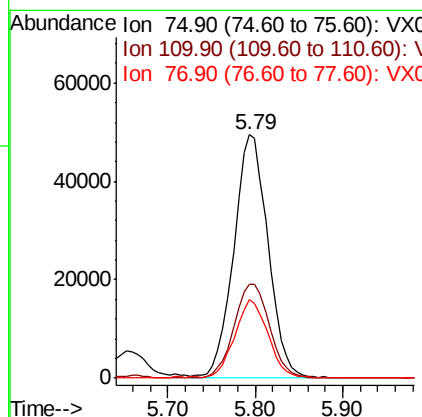
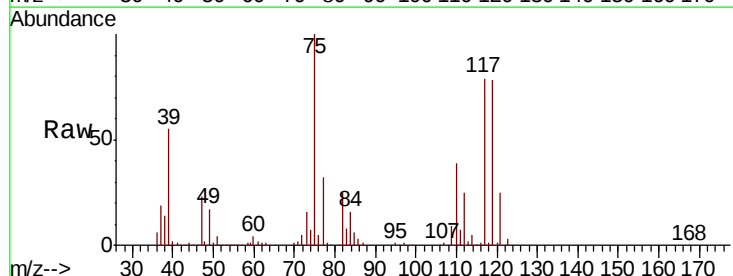
Instrument :
 MSVOA_X
 ClientSampled :

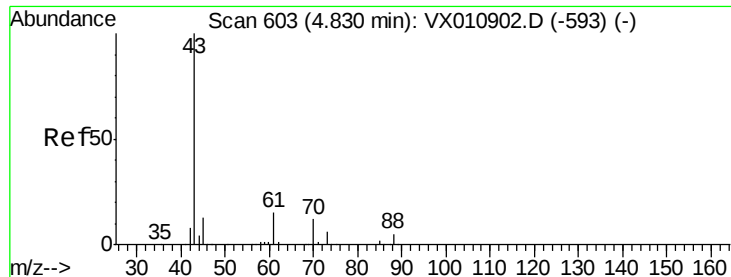
Tot Ion:113 Resp: 105721
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.3 123.5
 192 22.1 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 49.416 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 75 Resp: 134007
 Ion Ratio Lower Upper
 75 100
 110 40.2 19.9 59.7
 77 32.2 25.0 37.4





#37

Ethyl Acetate

Concen: 49.131 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

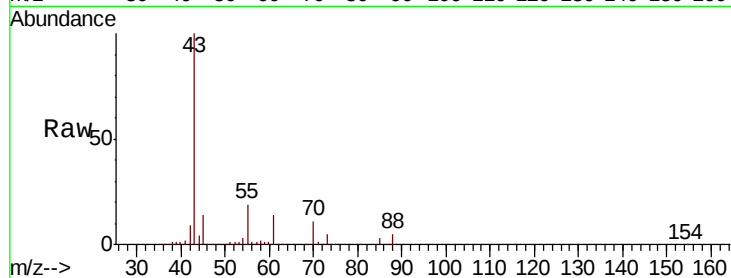
Tot Ion: 43 Resp: 136427

Ion Ratio Lower Upper

43 100

61 15.3 11.6 17.4

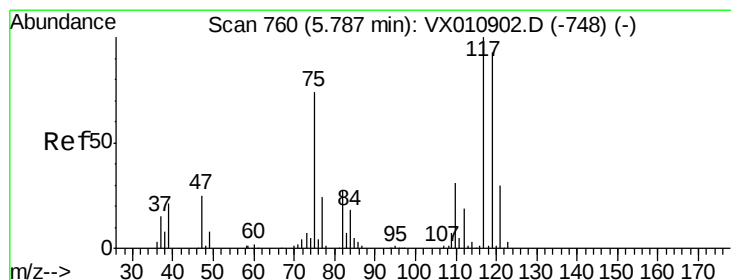
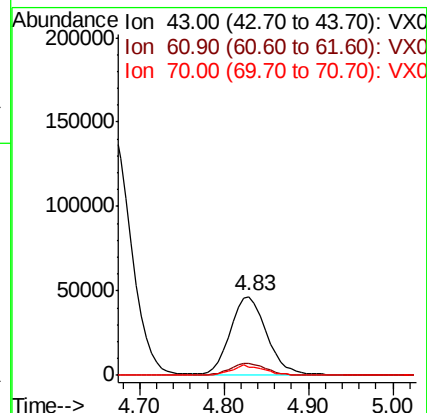
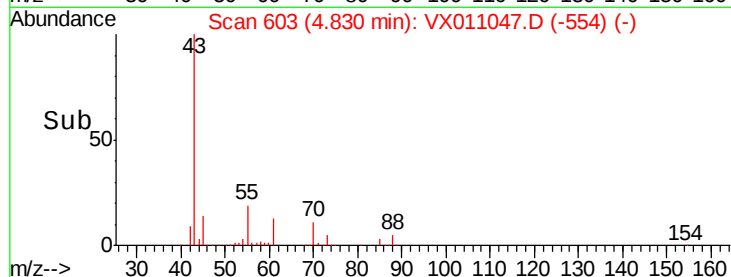
70 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX011047.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX011047.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX011047.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 52.363 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

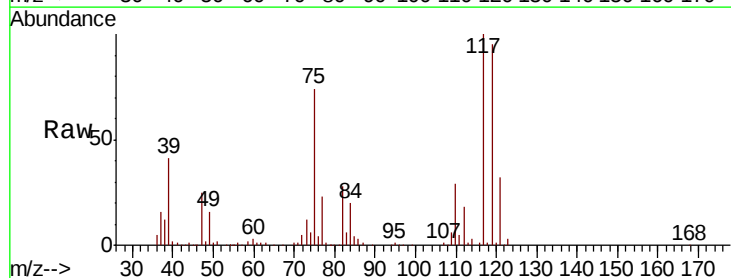
Tgt Ion: 117 Resp: 147969

Ion Ratio Lower Upper

117 100

119 95.0 74.2 111.2

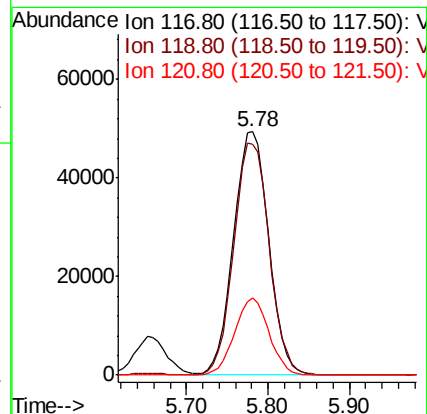
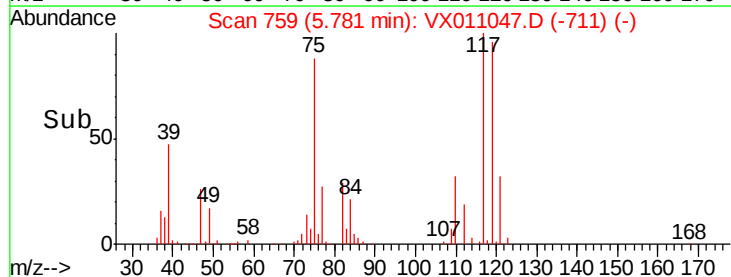
121 31.9 24.2 36.2

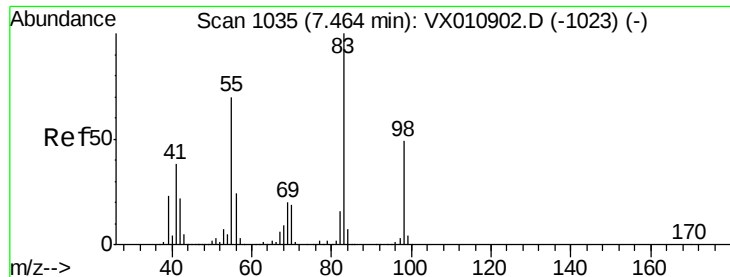


Abundance Ion 116.80 (116.50 to 117.50): VX011047.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX011047.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011047.D (-711) (-)

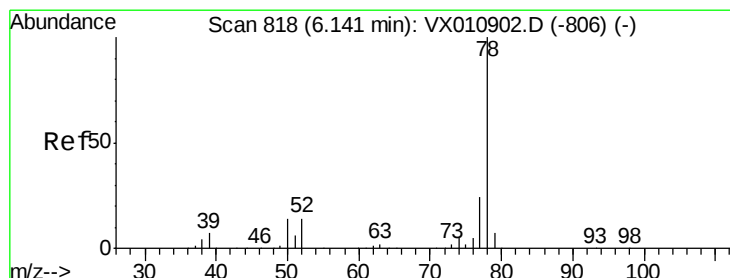
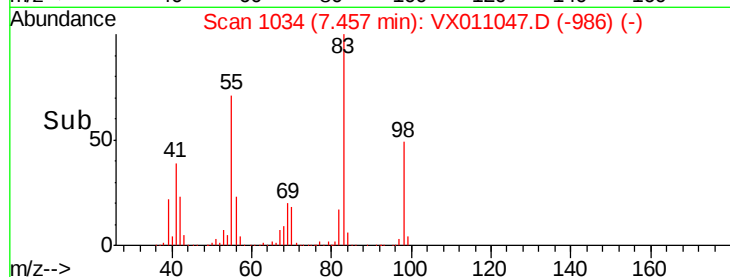
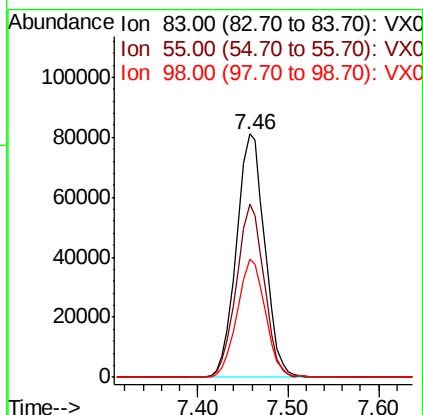
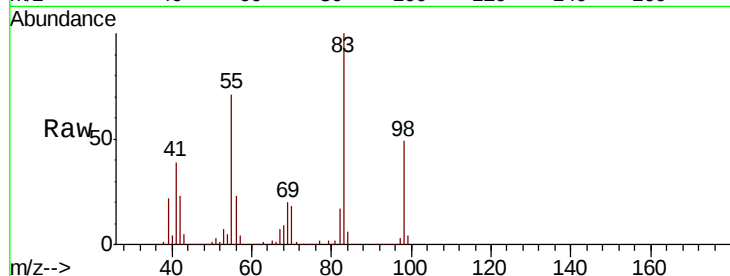




#39
Methvlcvclohexane
Concen: 50.019 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

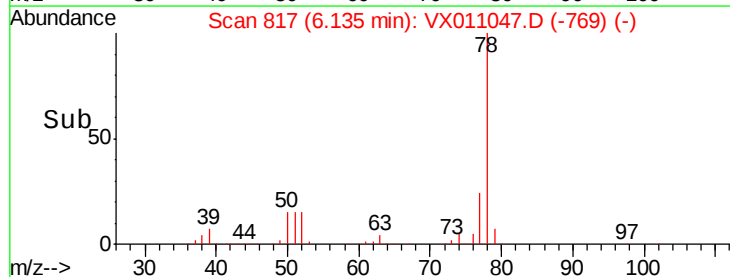
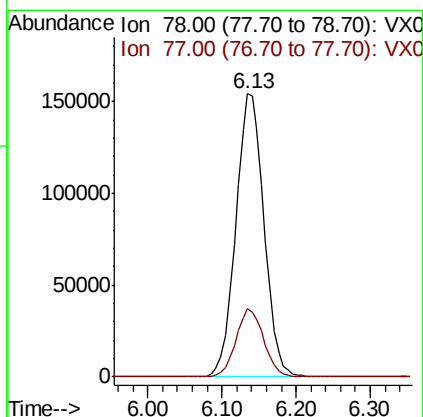
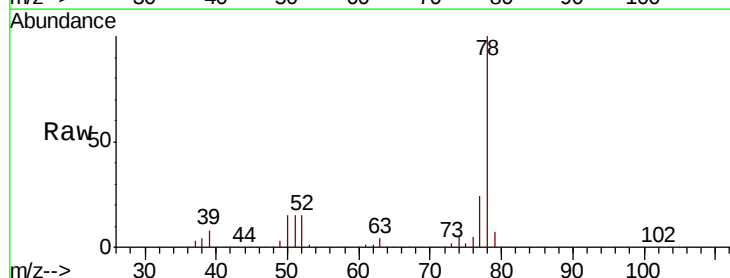
Instrument :
MSVOA_X
ClientSampled :

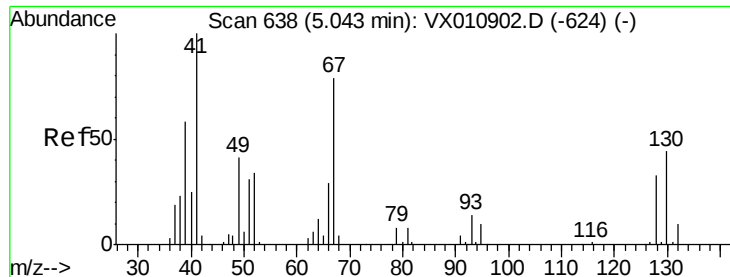
Tot Ion: 83 Resp: 175901
Ion Ratio Lower Upper
83 100
55 71.0 56.2 84.4
98 48.5 39.0 58.4



#40
Benzene
Concen: 49.176 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 78 Resp: 408504
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

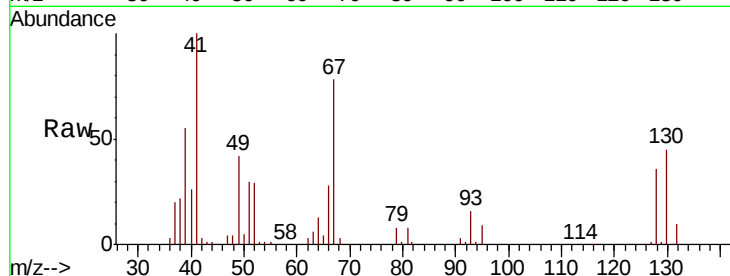




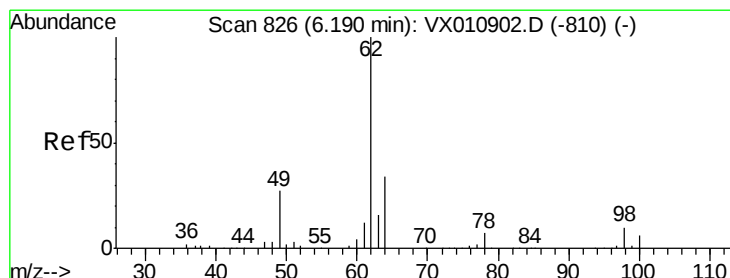
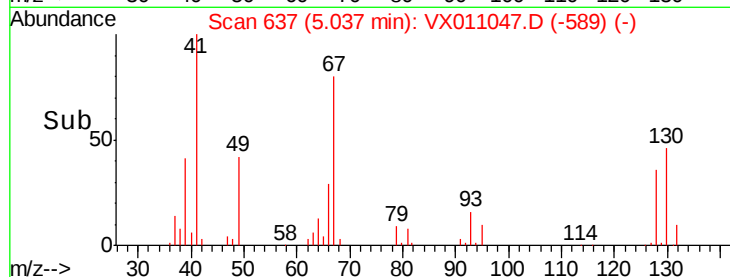
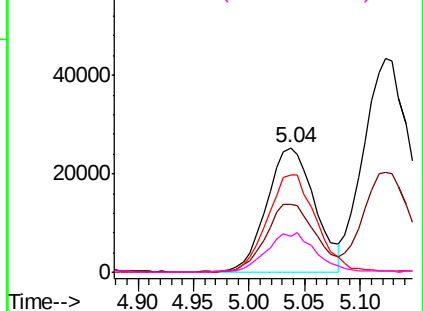
#41
Methacrylonitrile
Concen: 48.347 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	76212
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.4	68.2
67	79.7	65.9	98.9
52	31.7	26.2	39.2

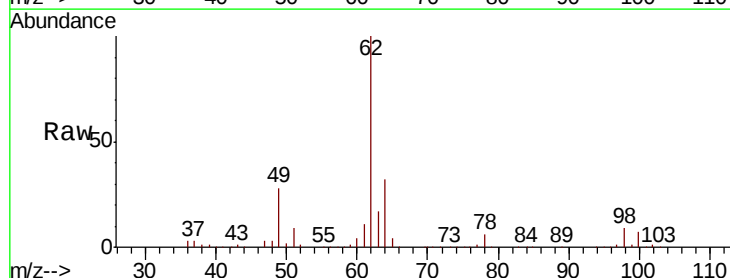


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

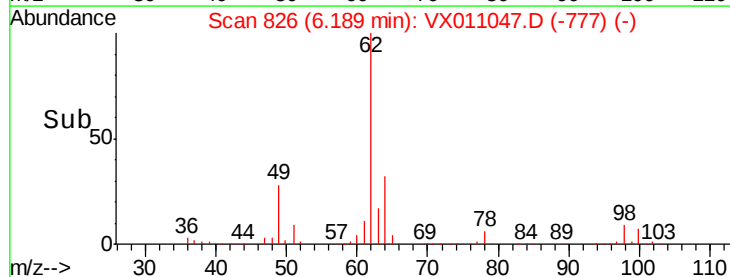
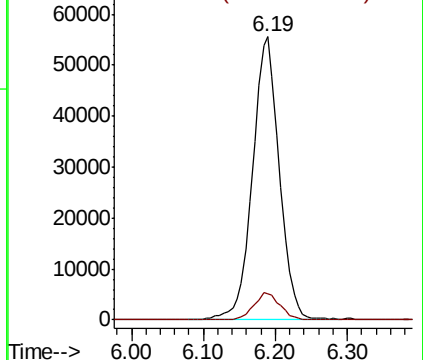


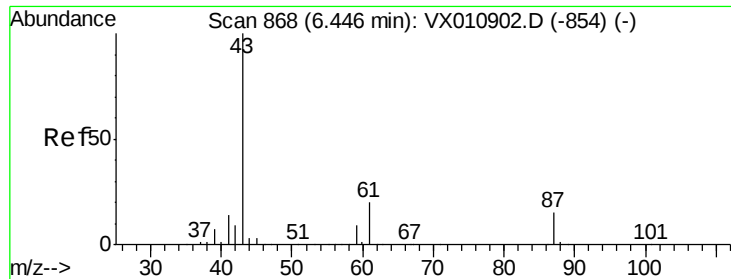
#42
1,2-Dichloroethane
Concen: 49.860 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion:	62	Resp:	144008
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.0



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



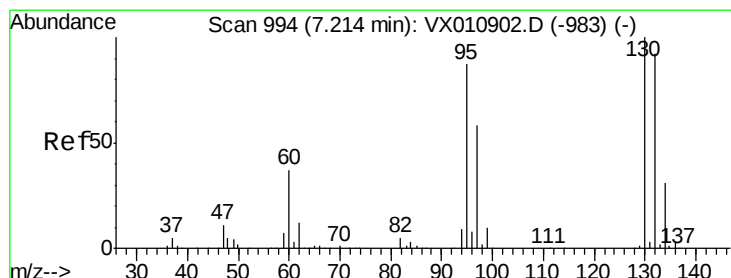
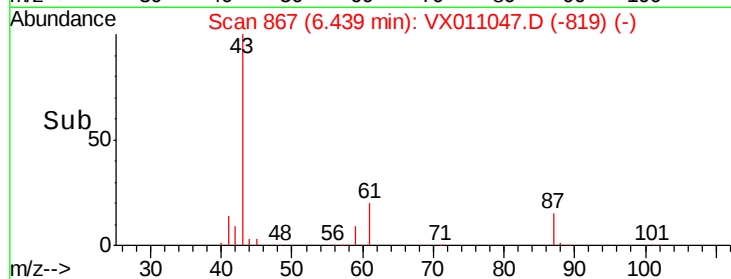
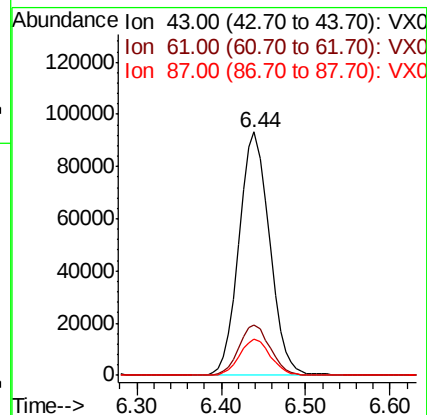
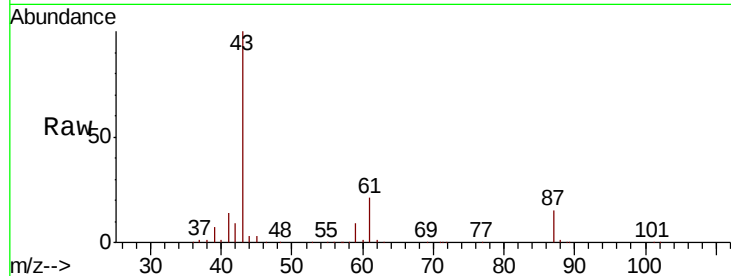


#43

Isopropyl Acetate
 Concen: 50.026 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampleId :

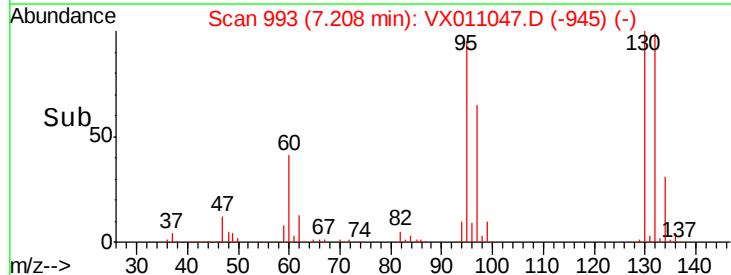
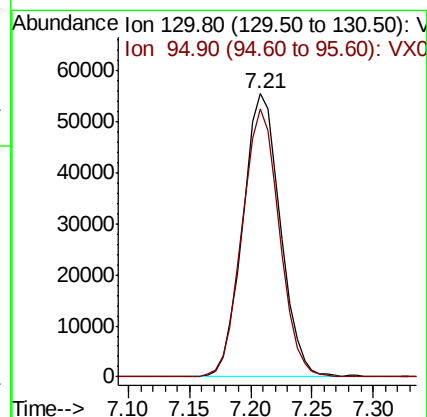
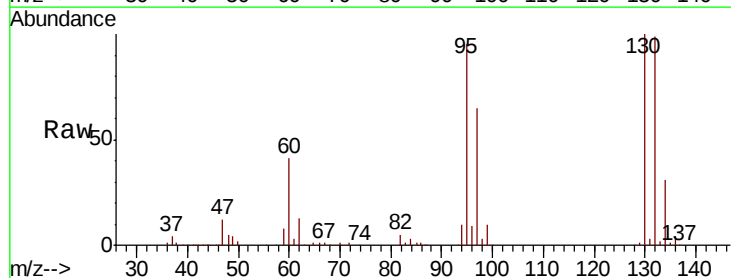
Tot Ion: 43 Resp: 228418
 Ion Ratio Lower Upper
 43 100
 61 21.1 17.1 25.7
 87 15.2 12.0 18.0

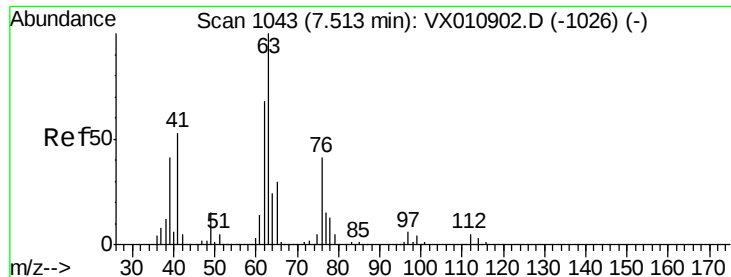


#44

Trichloroethene
 Concen: 48.197 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 130 Resp: 118511
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 174.8





#45

1,2-Dichloropropane

Concen: 49.063 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

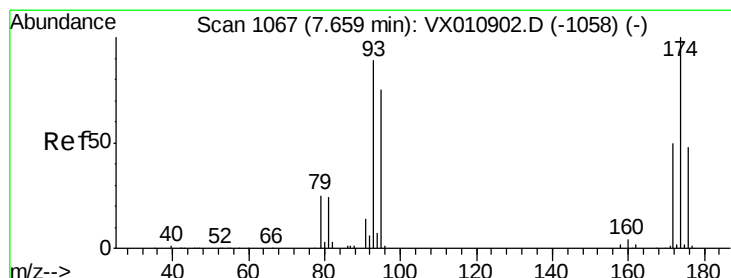
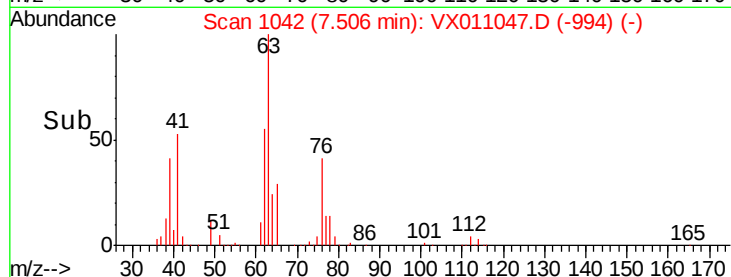
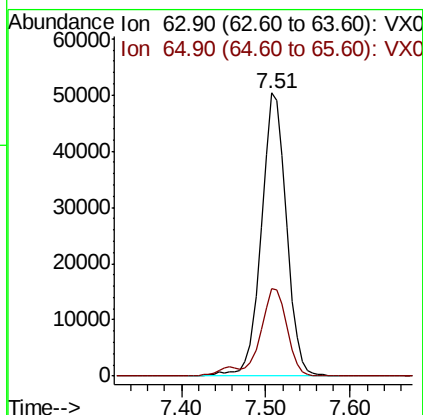
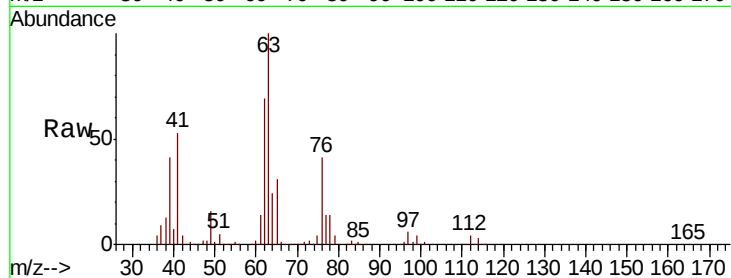
ClientSampleId :

Tot Ion: 63 Resp: 103732

Ion Ratio Lower Upper

63 100

65 30.7 24.4 36.6



#46

Dibromomethane

Concen: 50.135 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

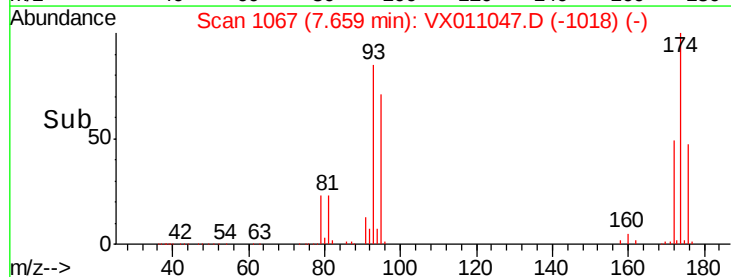
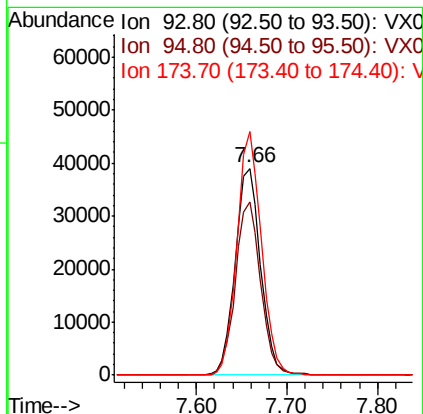
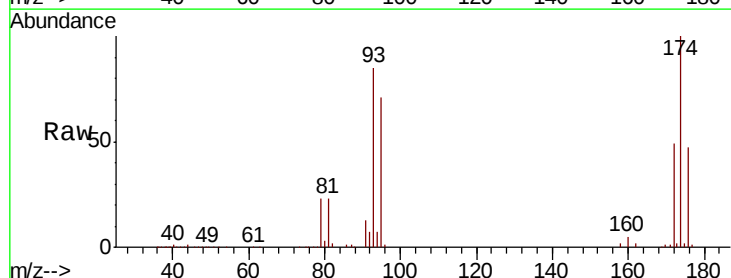
Tgt Ion: 93 Resp: 75743

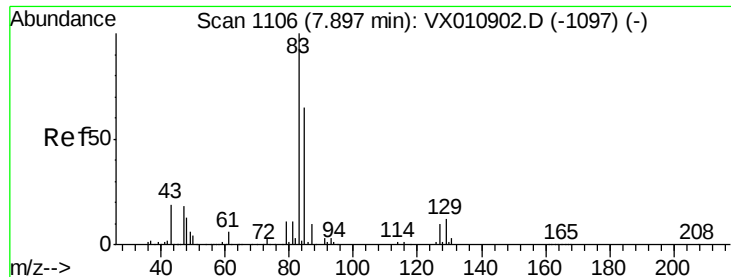
Ion Ratio Lower Upper

93 100

95 83.4 67.2 100.8

174 113.6 90.6 135.8





#47

Bromodichloromethane

Concen: 52.792 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampled :

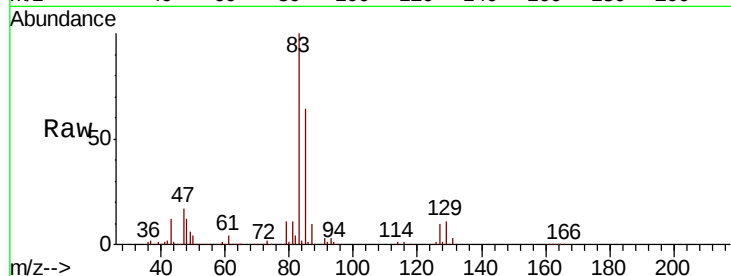
Tot Ion: 83 Resp: 141974

Ion Ratio Lower Upper

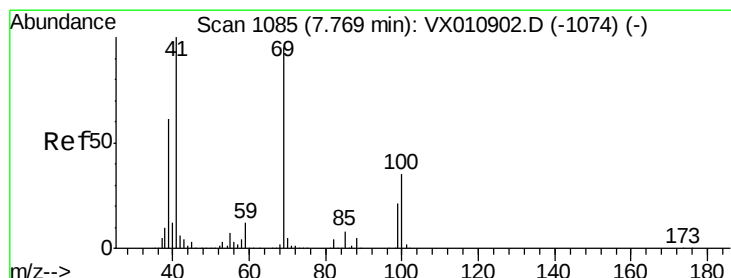
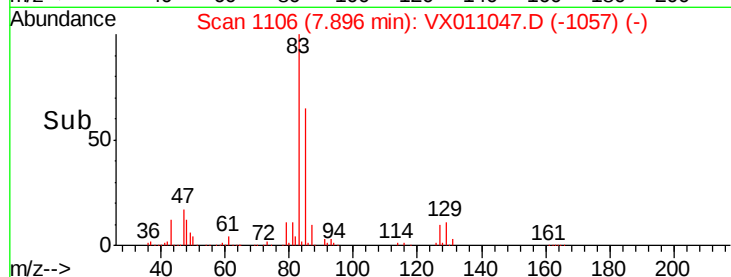
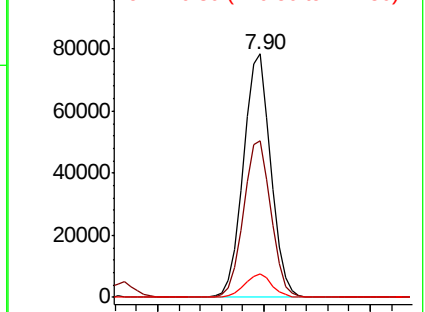
83 100

85 64.4 52.5 78.7

127 9.5 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: 48.665 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

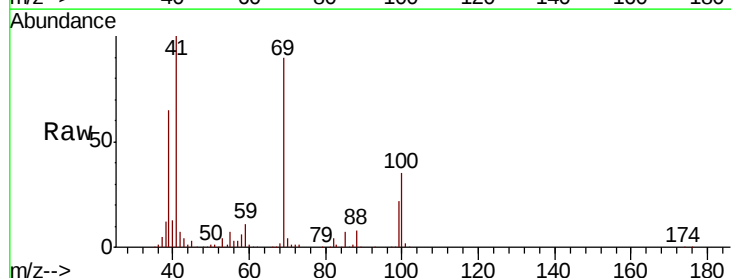
Tgt Ion: 41 Resp: 108245

Ion Ratio Lower Upper

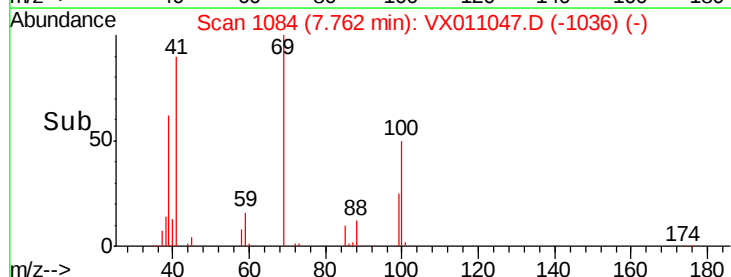
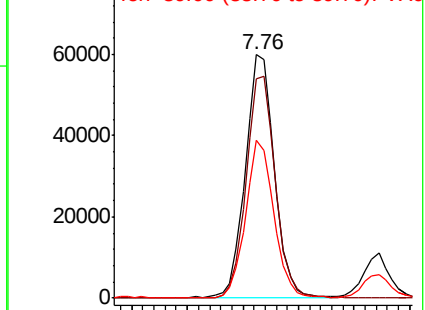
41 100

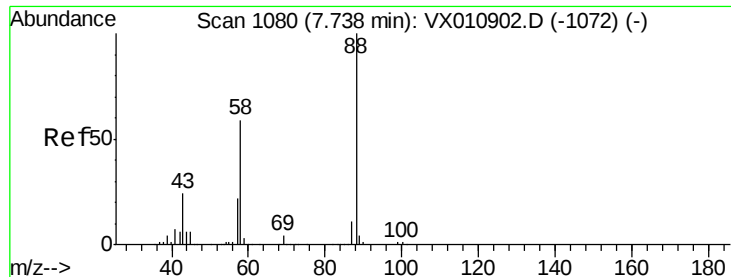
69 92.2 74.4 111.6

39 62.7 48.9 73.3



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

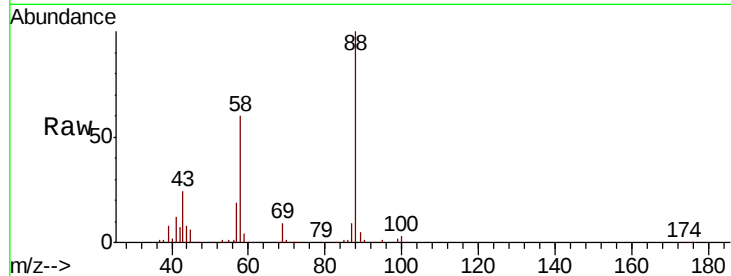




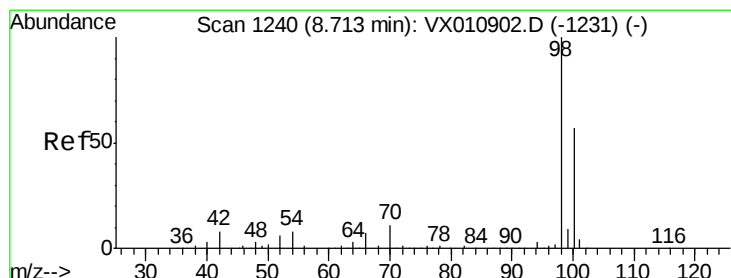
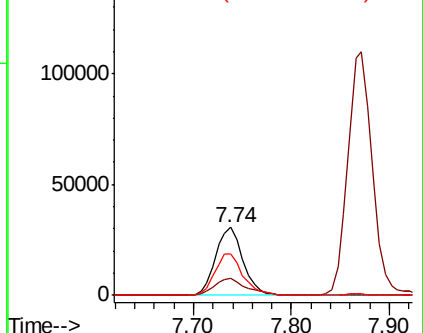
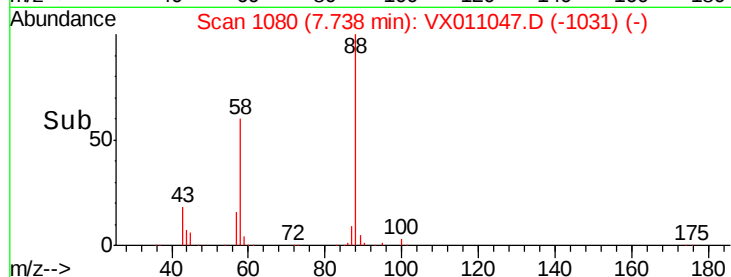
#49
1,4-Dioxane
Concen: 960.174 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 59741
Ion Ratio Lower Upper
88 100
43 28.4 22.9 34.3
58 62.6 49.8 74.8

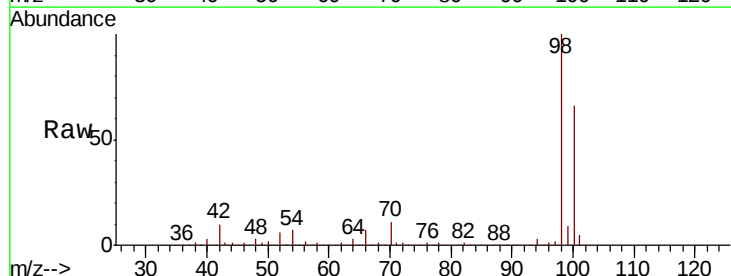


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

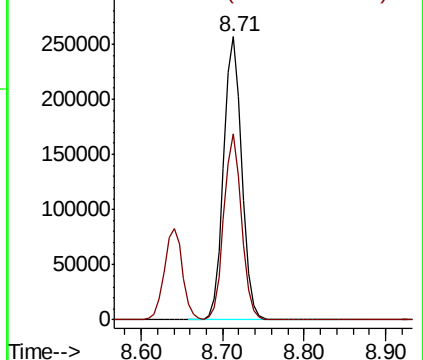
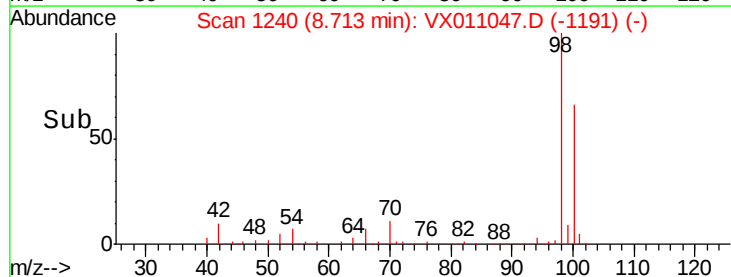


#50
Toluene-d8
Concen: 50.074 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 98 Resp: 393552
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8



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





#51

4-Methyl-2-Pentanone

Concen: 253.378 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

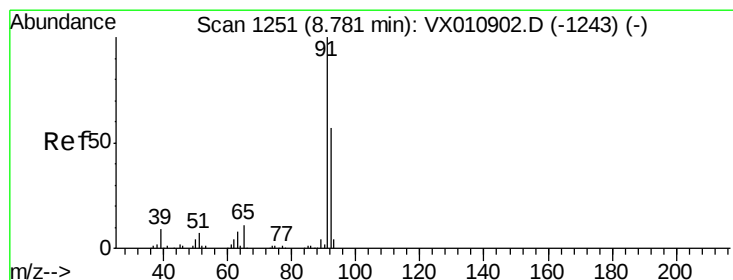
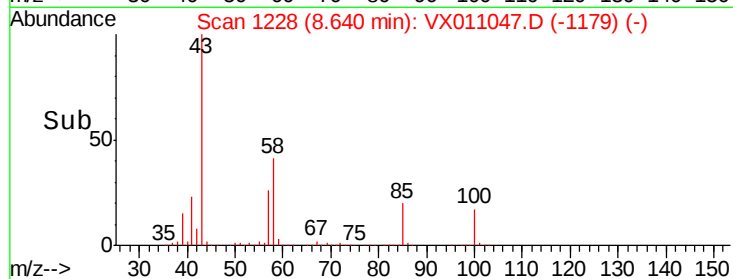
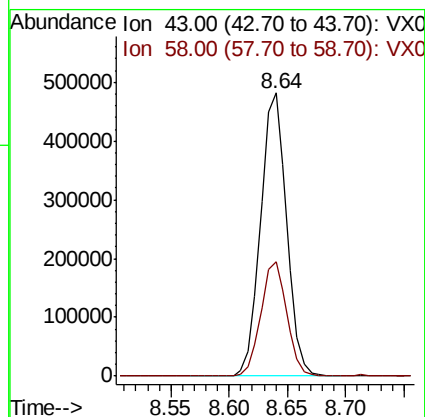
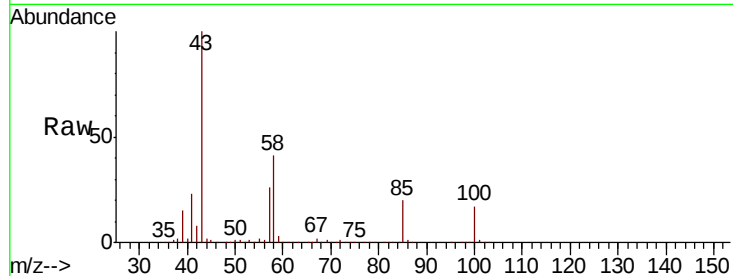
ClientSampled :

Tot Ion: 43 Resp: 749953

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.4



#52

Toluene

Concen: 49.137 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011047.D

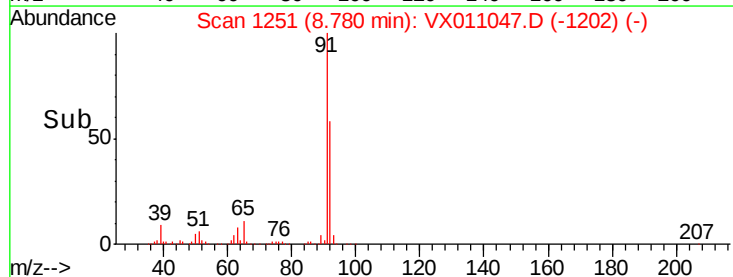
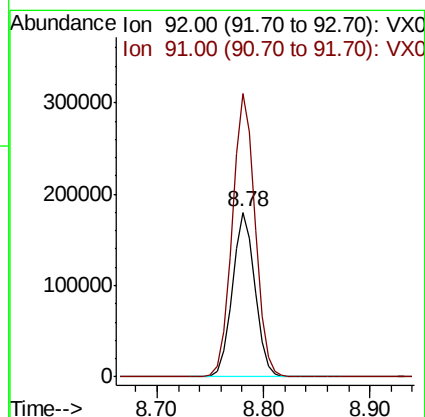
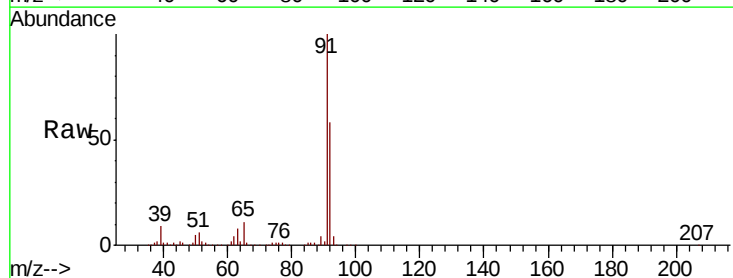
Acq: 23 Jul 2019 09:40

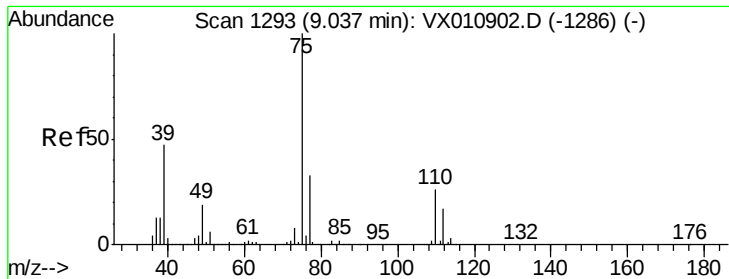
Tgt Ion: 92 Resp: 268144

Ion Ratio Lower Upper

92 100

91 174.4 139.4 209.0

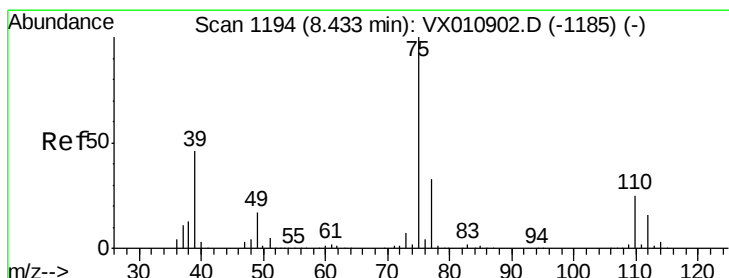
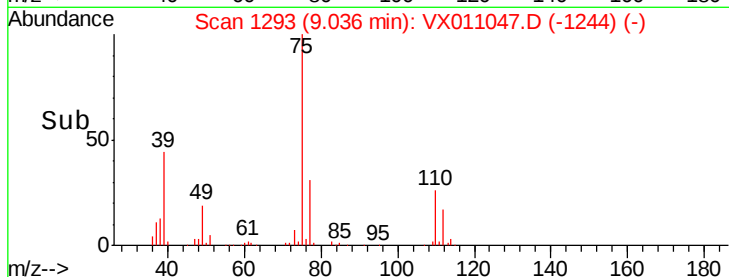
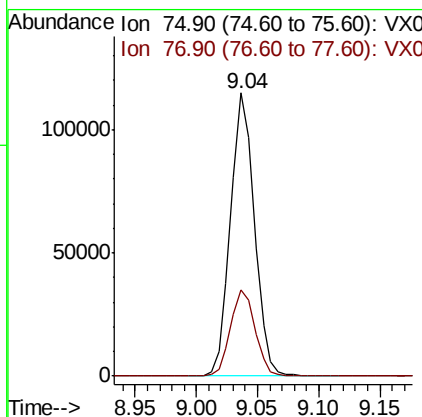
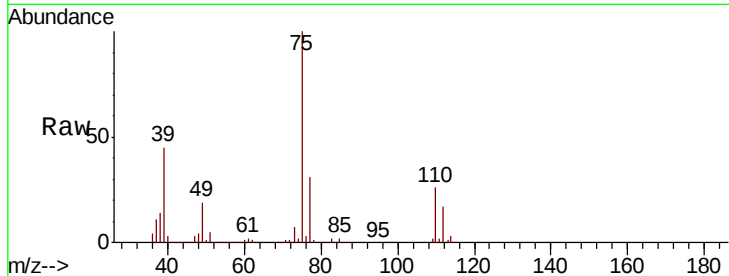




#53
 t-1,3-Dichloropropene
 Concen: 53.677 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

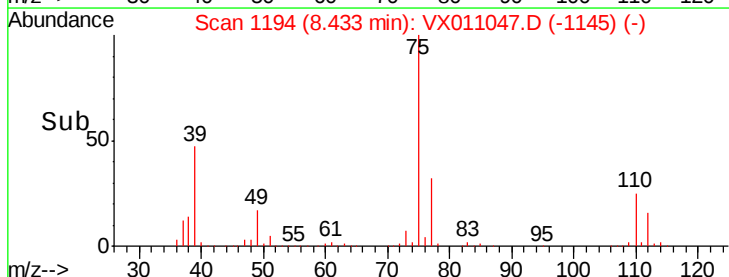
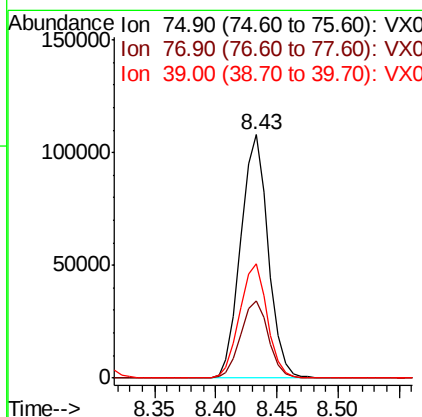
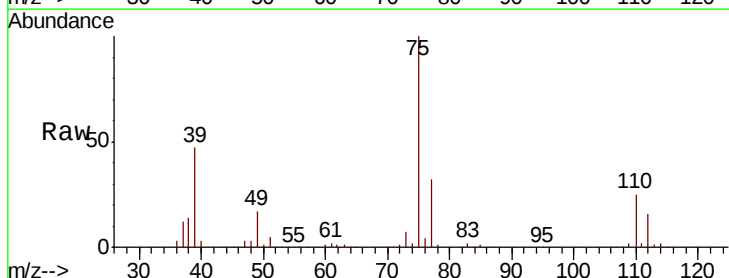
Instrument :
 MSVOA_X
 ClientSampled :

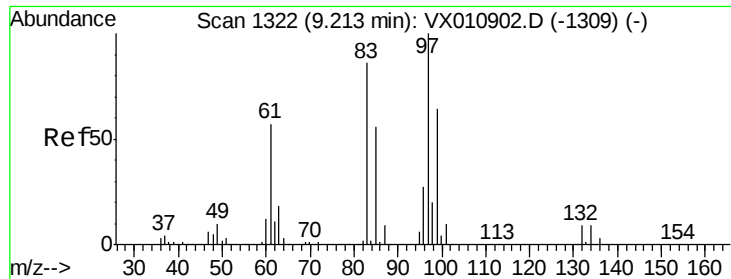
Tot Ion: 75 Resp: 155217
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.214 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 75 Resp: 168007
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 46.8 36.6 54.8

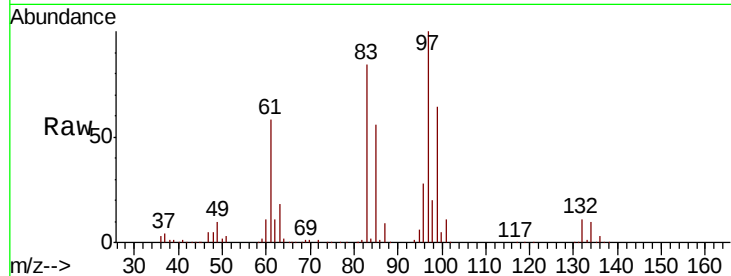




#55
 1,1,2-Trichloroethane
 Concen: 50.009 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	112365
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.2	103.8
85	56.3	44.6	66.8
99	64.4	51.2	76.8



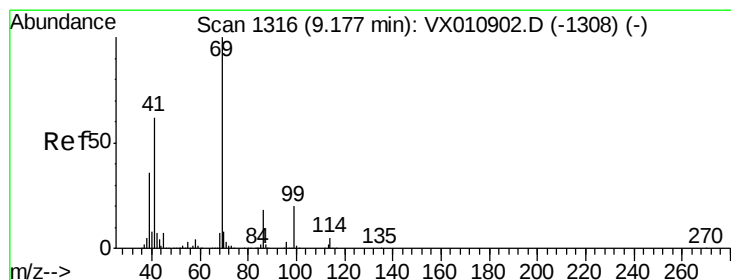
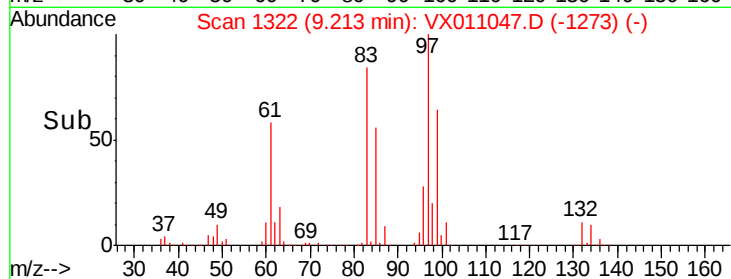
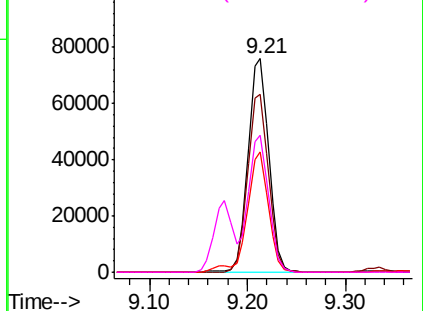
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

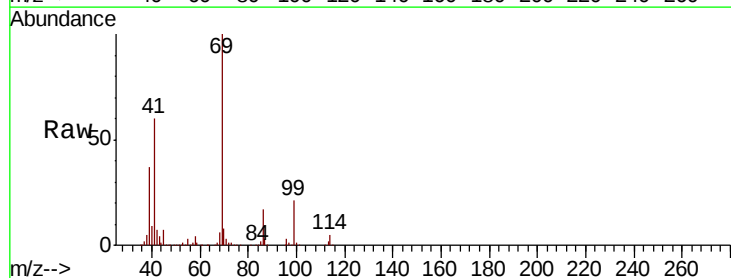
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.375 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion:	69	Resp:	172142
Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.7	74.5
39	37.7	29.6	44.4

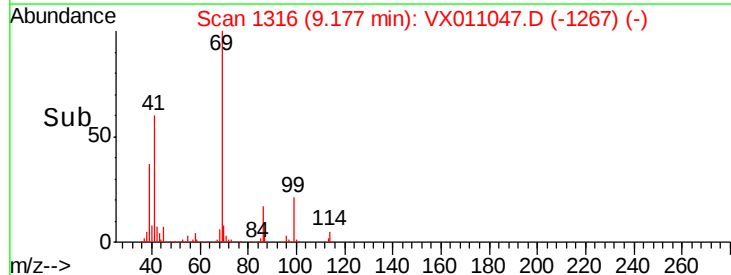
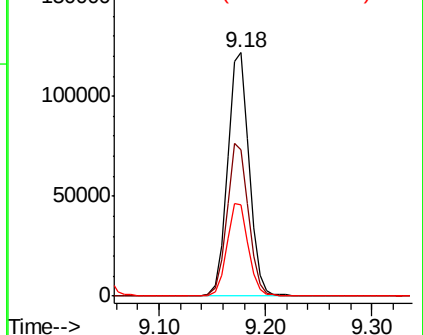


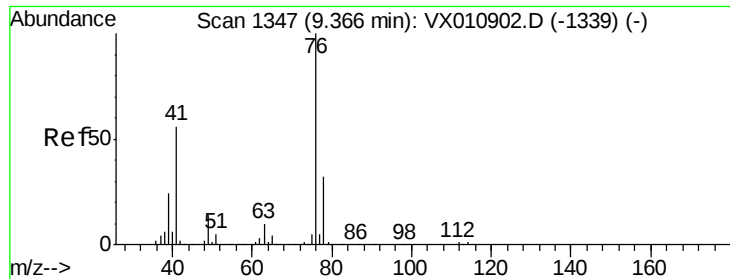
Abundance

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: 49.490 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

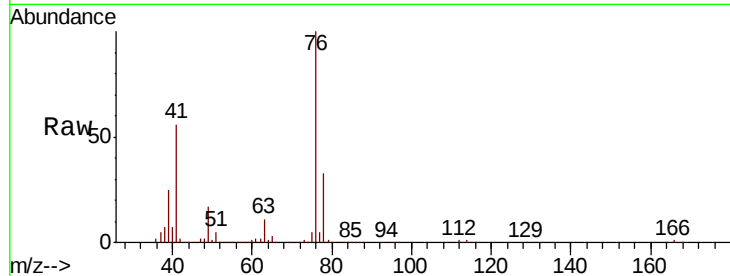
ClientSampleId :

Tot Ion: 76 Resp: 176404

Ion Ratio Lower Upper

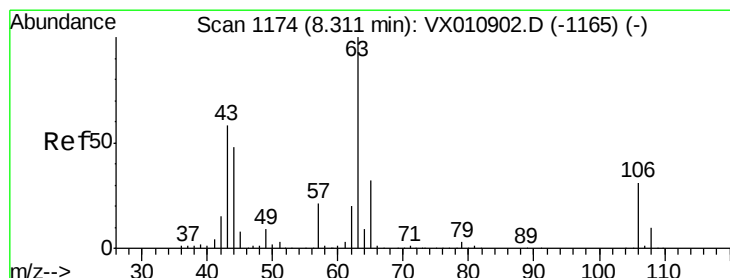
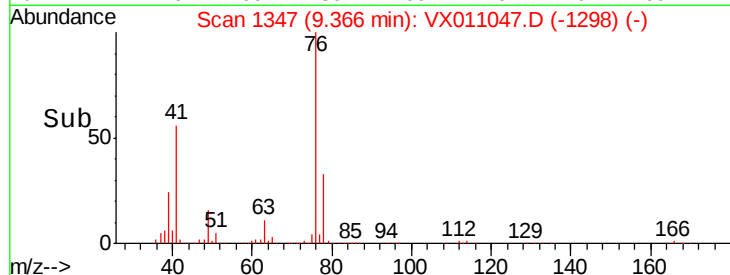
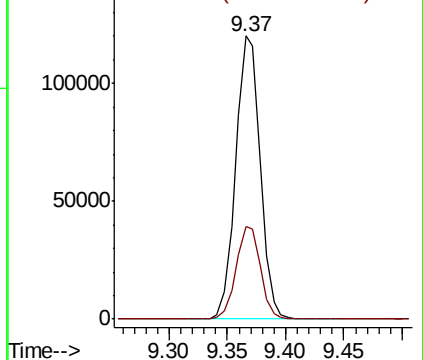
76 100

78 32.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.534 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011047.D

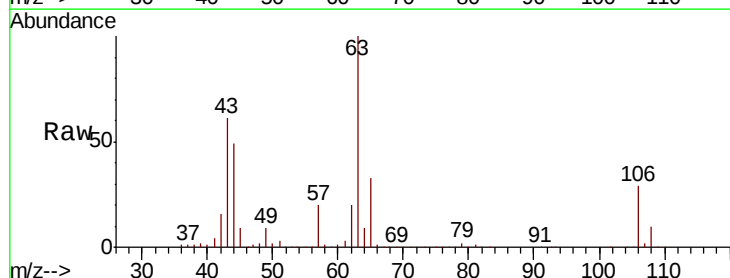
Acq: 23 Jul 2019 09:40

Tgt Ion: 63 Resp: 410332

Ion Ratio Lower Upper

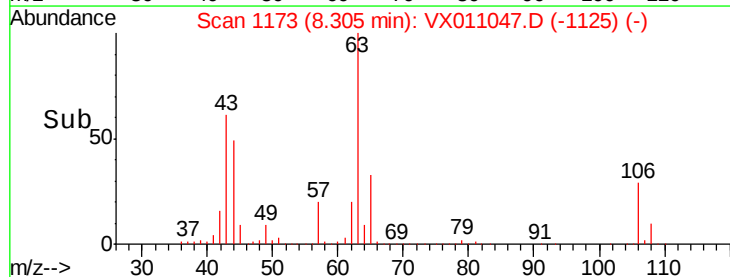
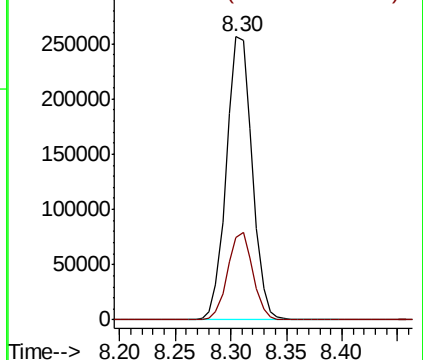
63 100

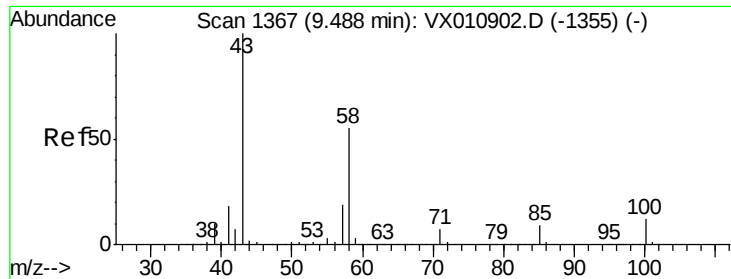
106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

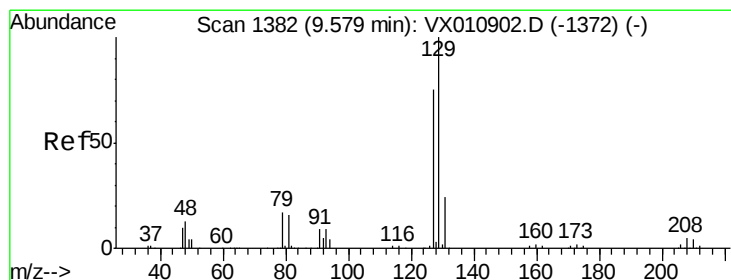
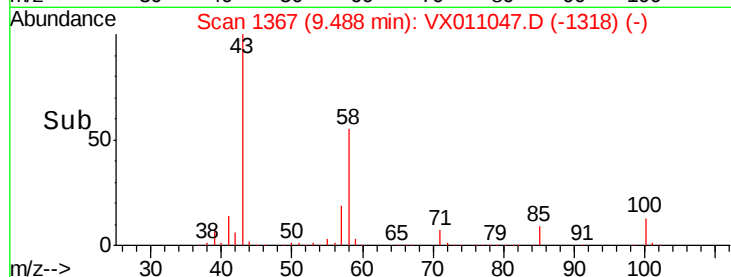
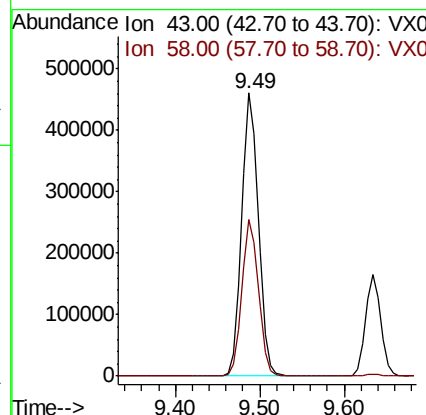
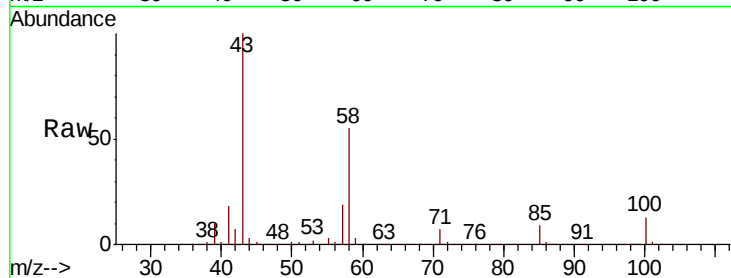




#59
 2-Hexanone
 Concen: 267.057 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

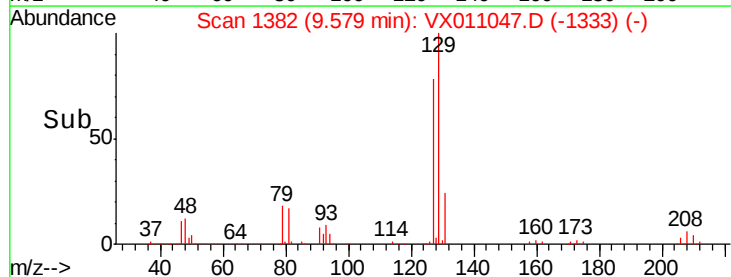
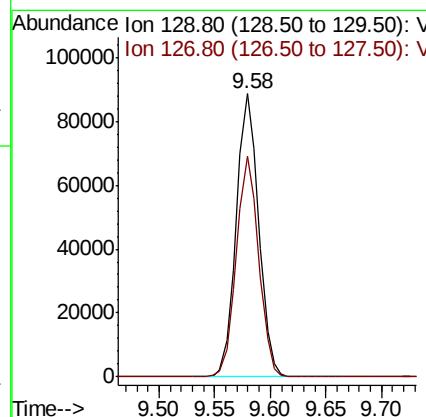
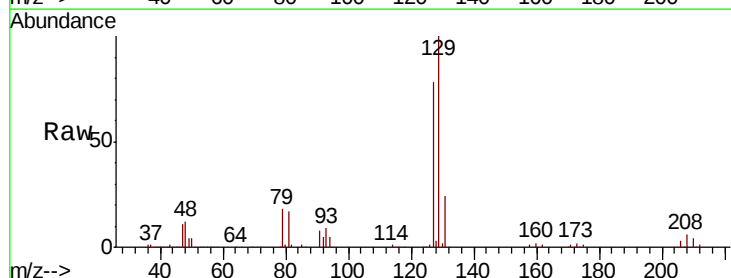
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 613079
 Ion Ratio Lower Upper
 43 100
 58 54.8 28.0 83.9



#60
 Dibromochloromethane
 Concen: 47.760 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion:129 Resp: 123194
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.608 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

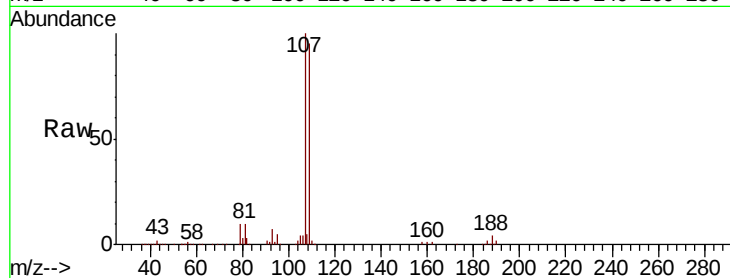
ClientSampleId :

Tot Ion:107 Resp: 120677

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

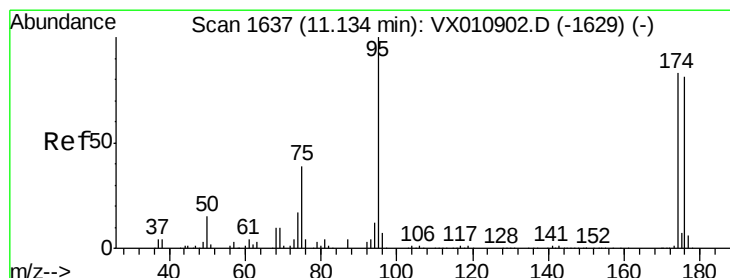
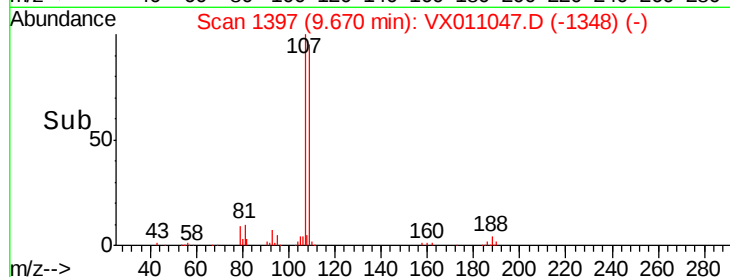
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.713 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

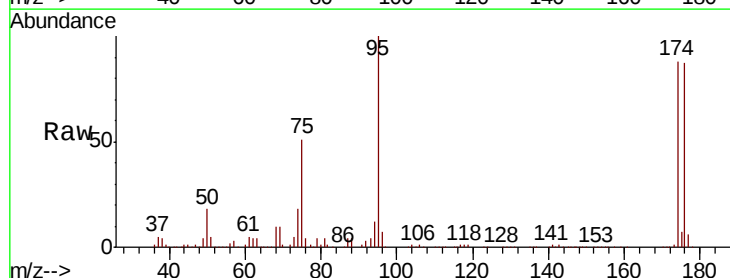
Tgt Ion: 95 Resp: 152283

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

176 87.8 0.0 173.8



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

150000

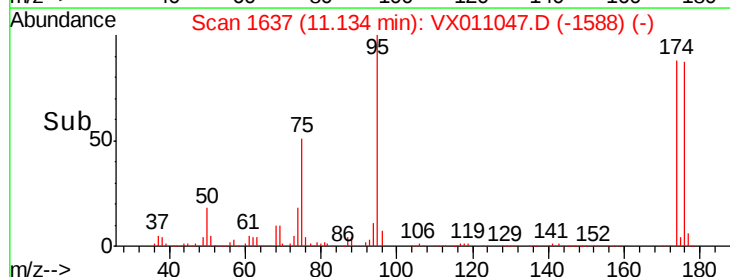
100000

50000

0

Time-->

11.10 11.20

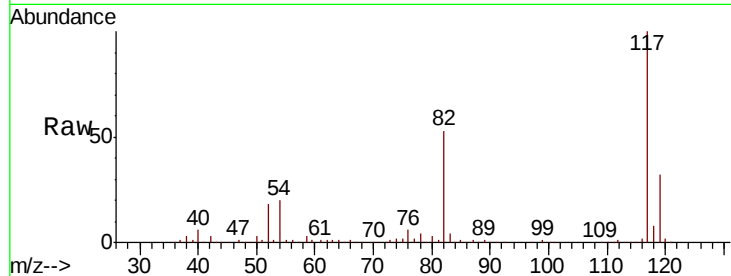




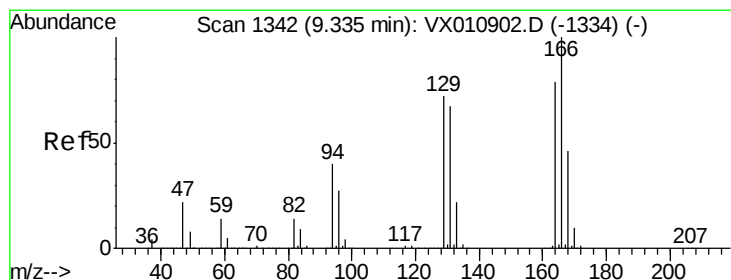
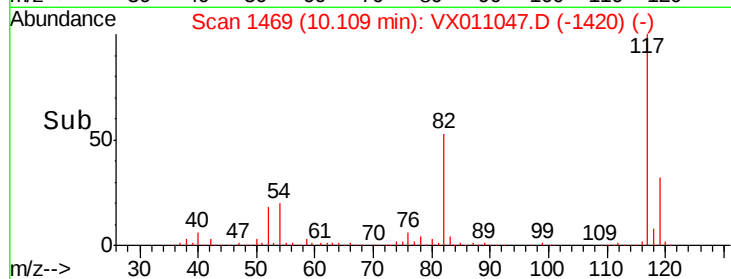
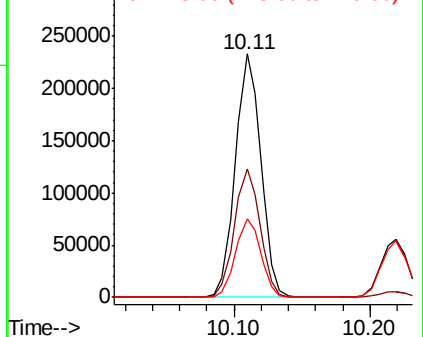
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 305654
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 32.4 25.9 38.9

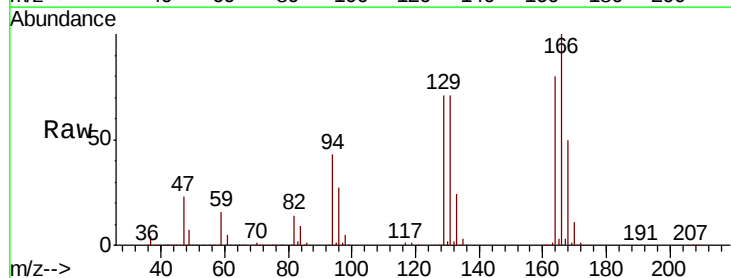


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

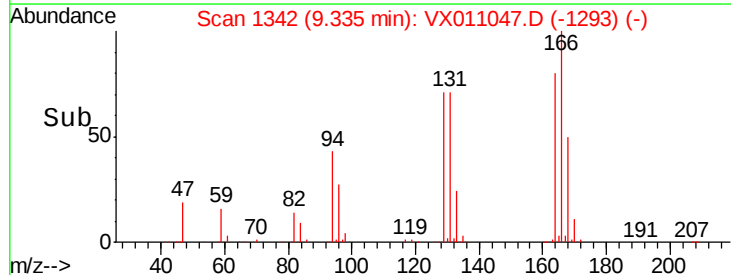
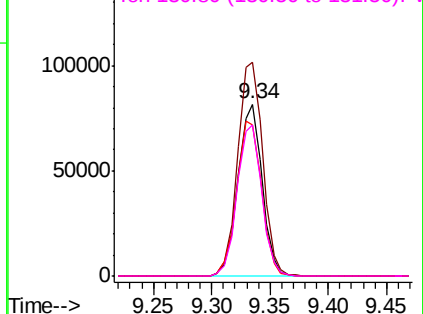


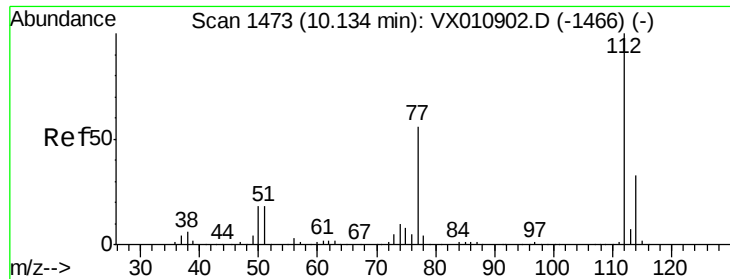
#64
Tetrachloroethene
Concen: 49.206 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion:164 Resp: 118318
Ion Ratio Lower Upper
164 100
166 124.3 100.8 151.2
129 87.9 72.6 109.0
131 88.0 67.7 101.5



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

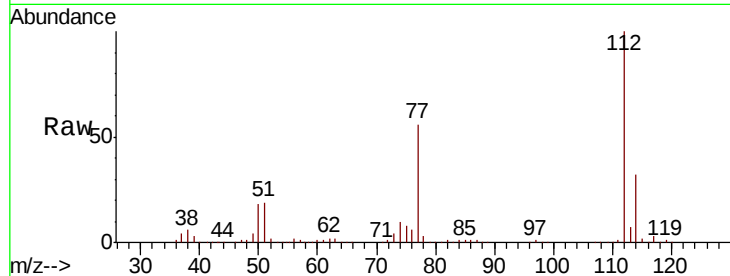




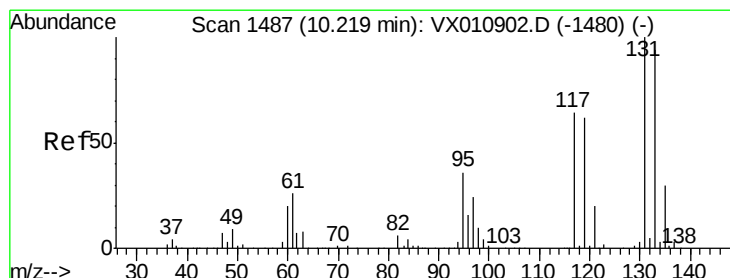
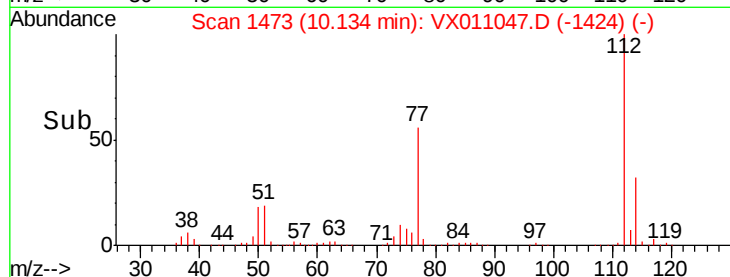
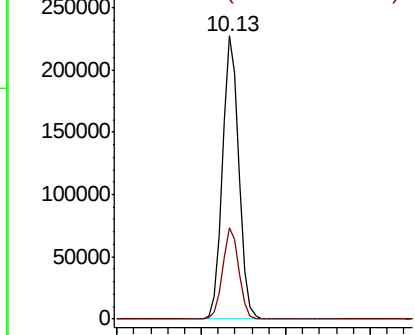
#65
Chlorobenzene
Concen: 48.738 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:112 Resp: 305968
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

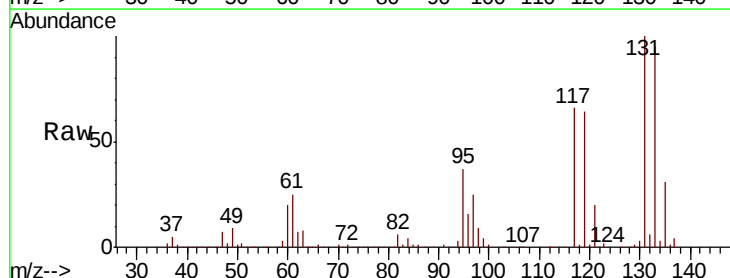


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

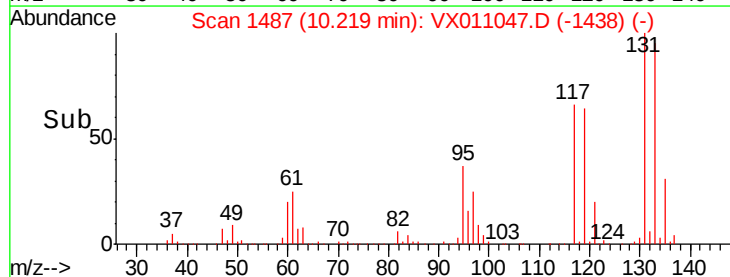
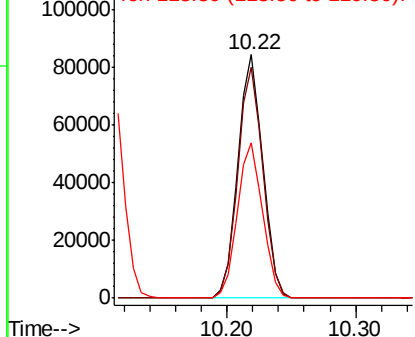


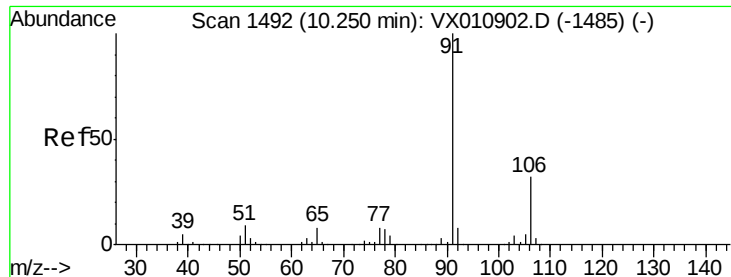
#66
1,1,1,2-Tetrachloroethane
Concen: 51.318 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion:131 Resp: 113227
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 65.0 31.9 95.7



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

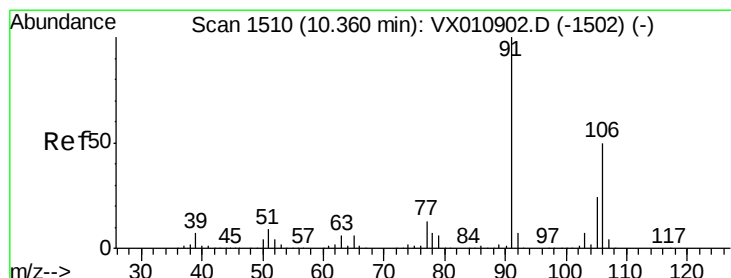
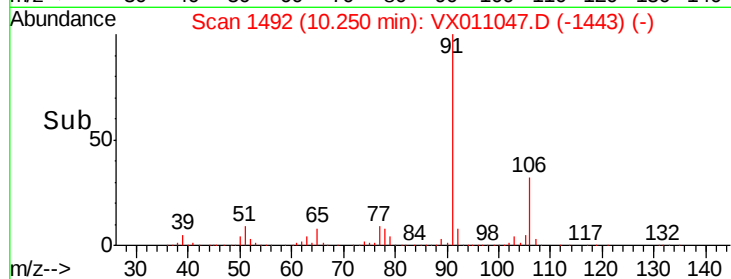
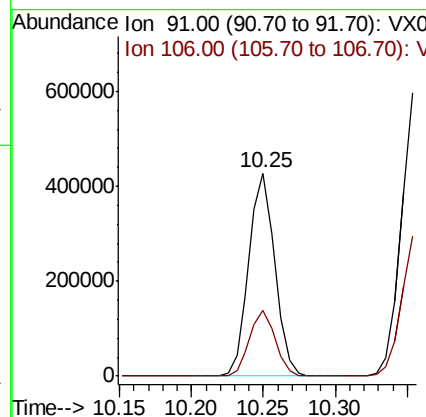
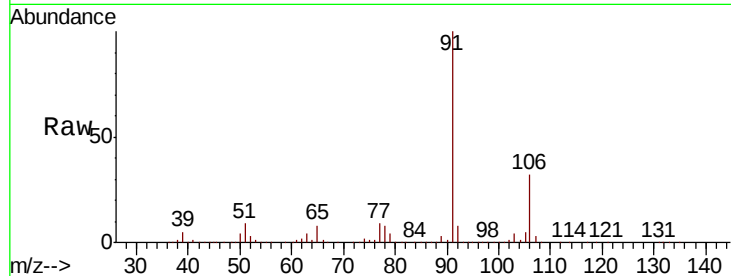




#67
Ethyl Benzene
Concen: 50.122 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

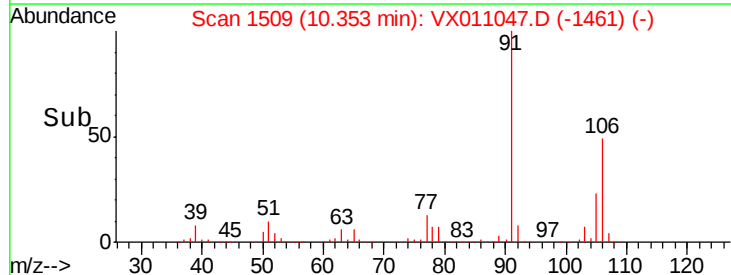
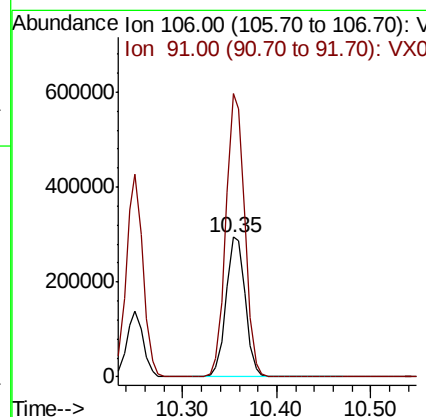
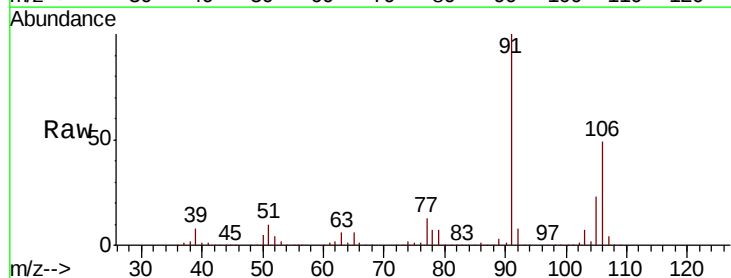
Instrument :
MSVOA_X
ClientSampleId :

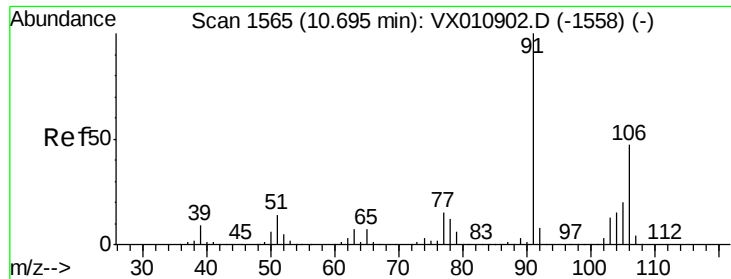
Tot Ion: 91 Resp: 535591
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 100.844 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion: 106 Resp: 413353
Ion Ratio Lower Upper
106 100
91 199.3 160.1 240.1

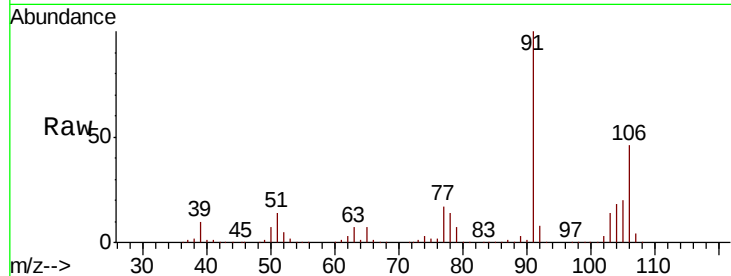




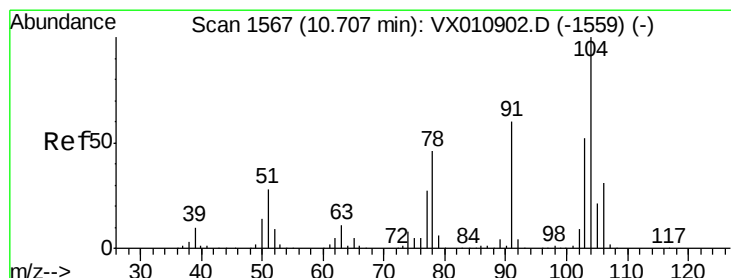
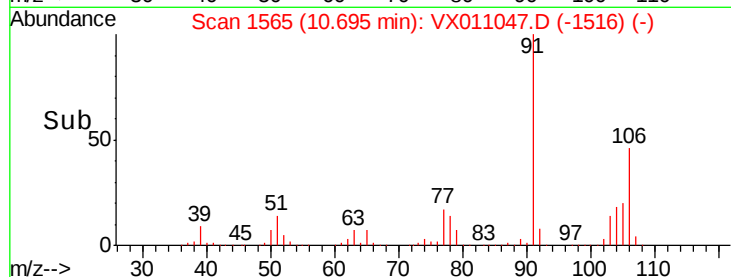
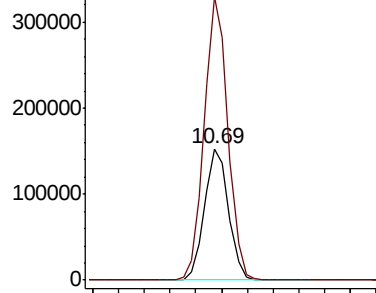
#69
o-Xylene
Concen: 49.779 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 199135
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.3

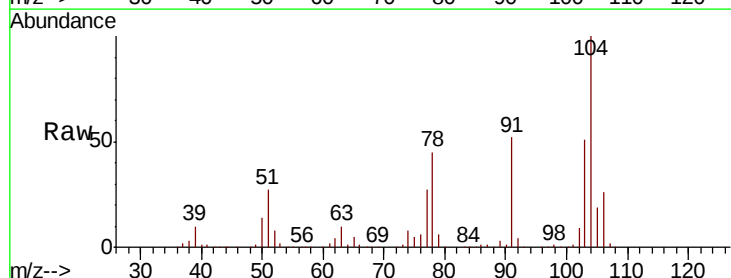


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

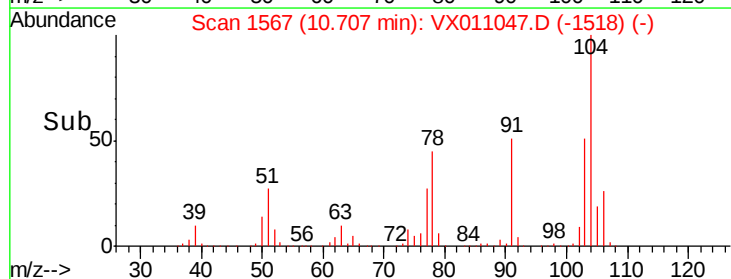
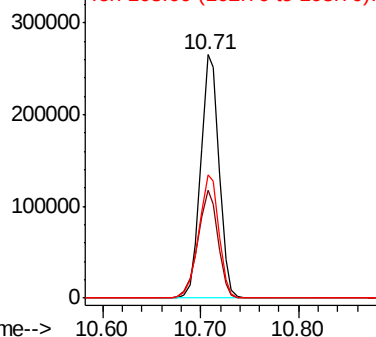


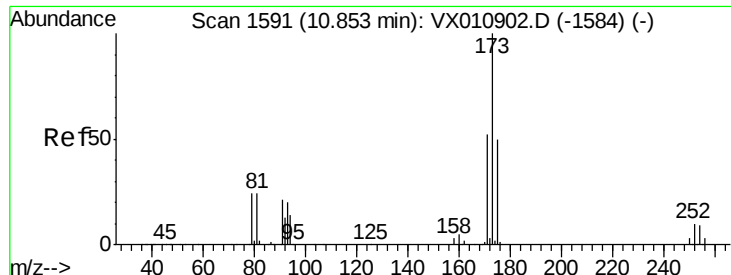
#70
Styrene
Concen: 52.076 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion:104 Resp: 347273
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 55.2 44.2 66.4



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





#71

Bromoform

Concen: 47.897 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampled :

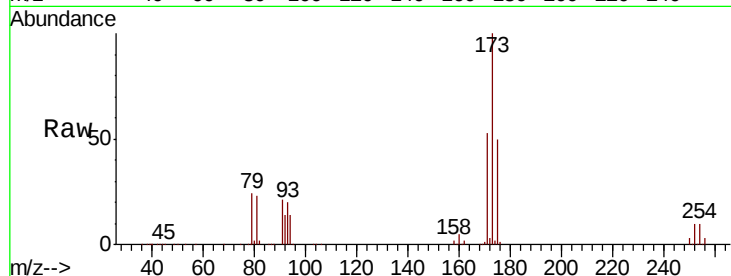
Tot Ion:173 Resp: 95995

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.6

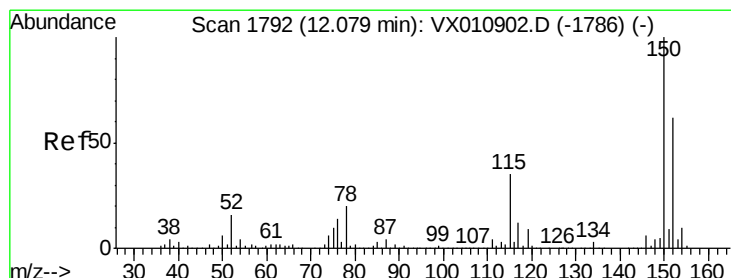
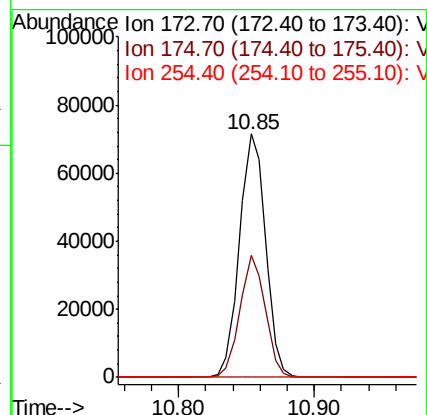
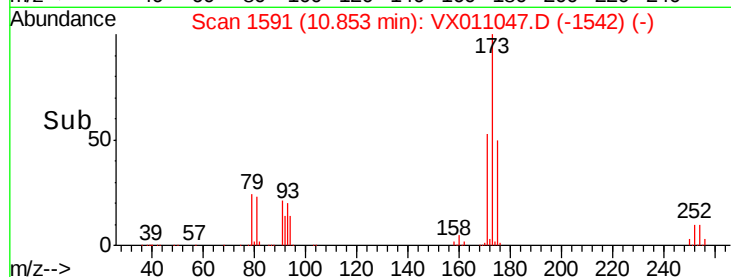
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

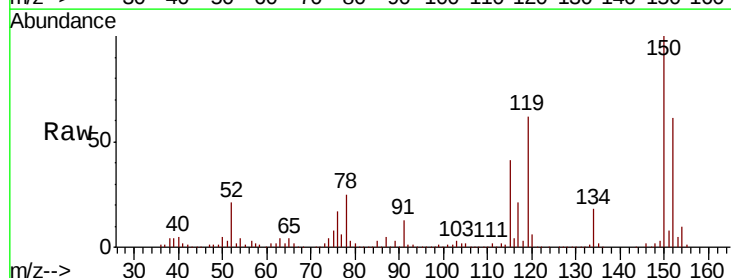
Tgt Ion:152 Resp: 166757

Ion Ratio Lower Upper

152 100

115 80.5 39.7 119.1

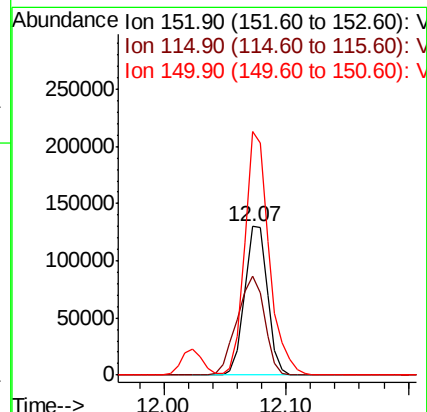
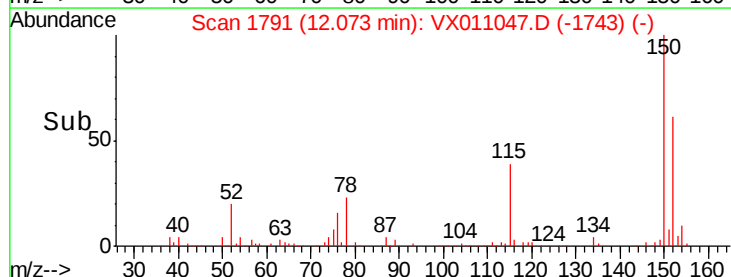
150 173.4 0.0 345.6

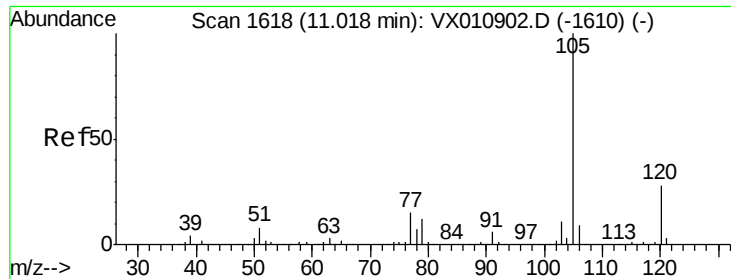


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.592 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

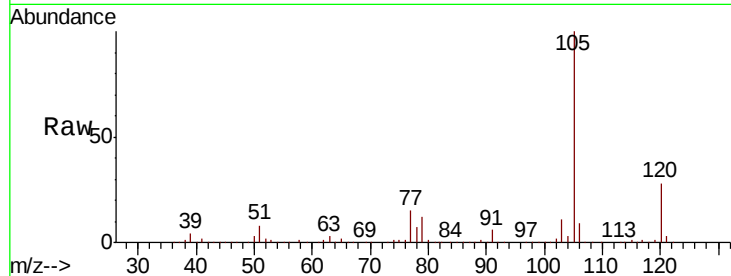
ClientSampleId :

Tot Ion:105 Resp: 547528

Ion Ratio Lower Upper

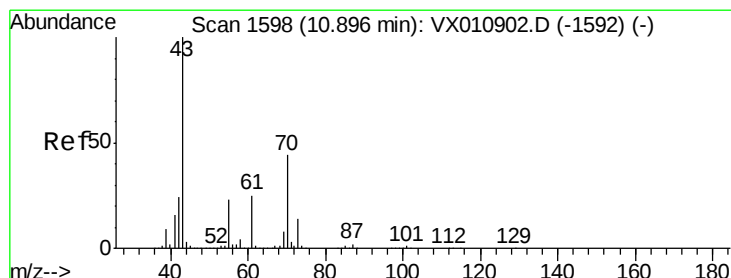
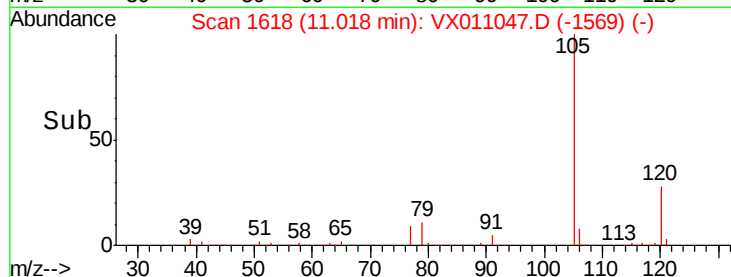
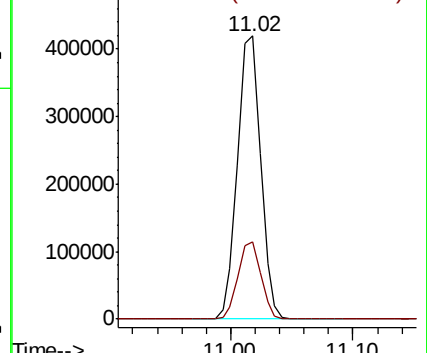
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.213 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Tgt Ion: 43 Resp: 211876

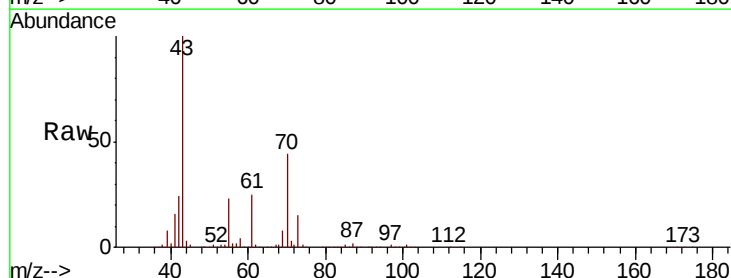
Ion Ratio Lower Upper

43 100

70 43.9 34.7 52.1

55 24.1 19.1 28.7

61 24.7 19.9 29.9

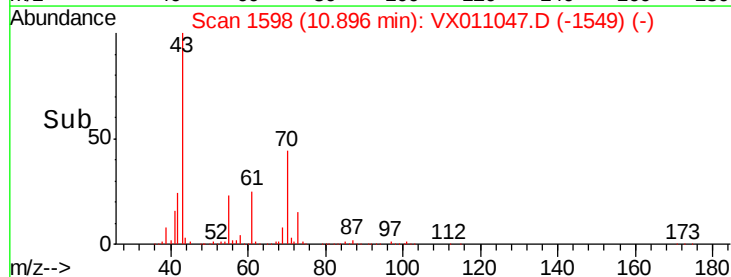
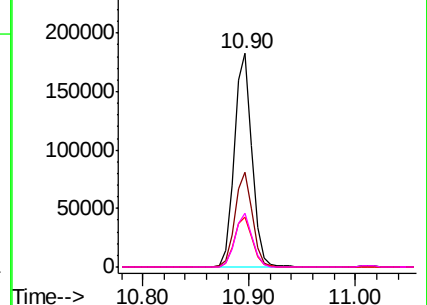


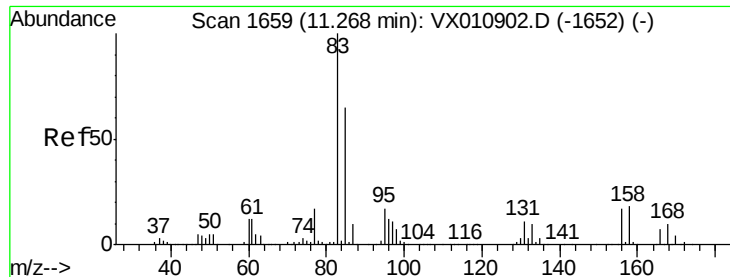
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.403 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

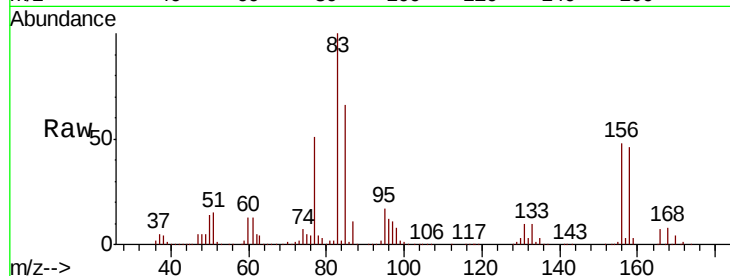
Tot Ion: 83 Resp: 174794

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

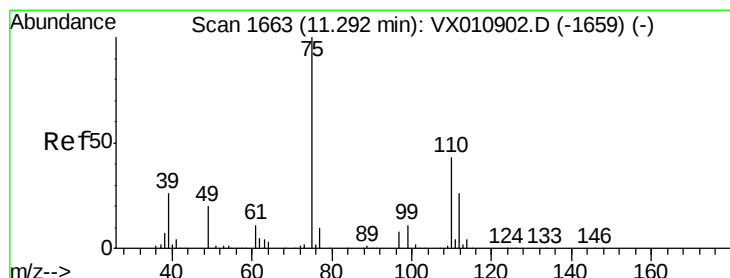
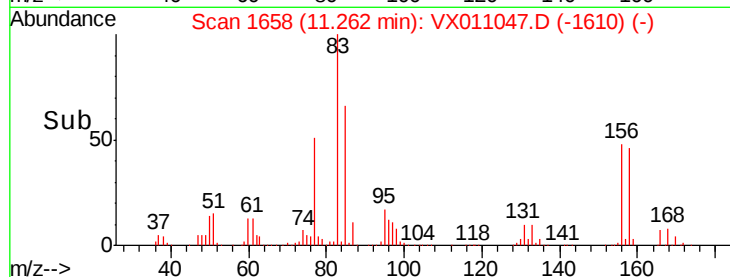
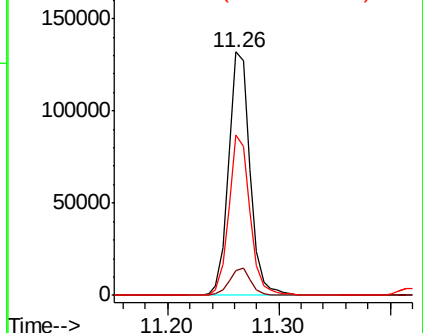
85 64.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.573 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011047.D

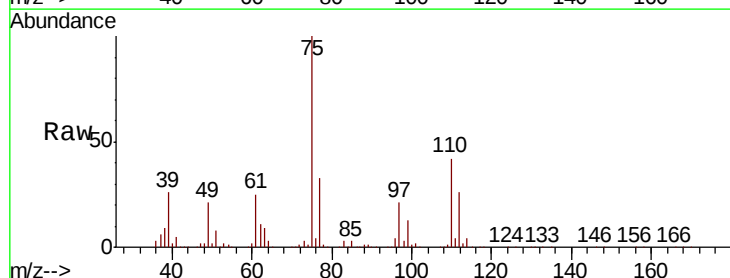
Acq: 23 Jul 2019 09:40

Tgt Ion: 75 Resp: 197323

Ion Ratio Lower Upper

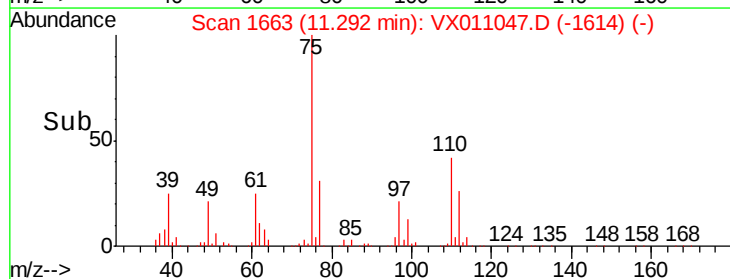
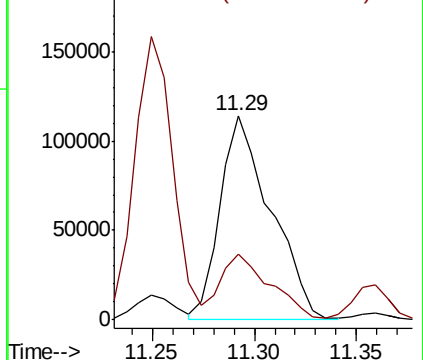
75 100

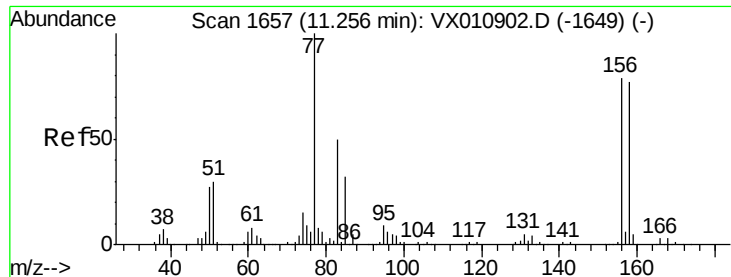
77 31.7 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.823 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

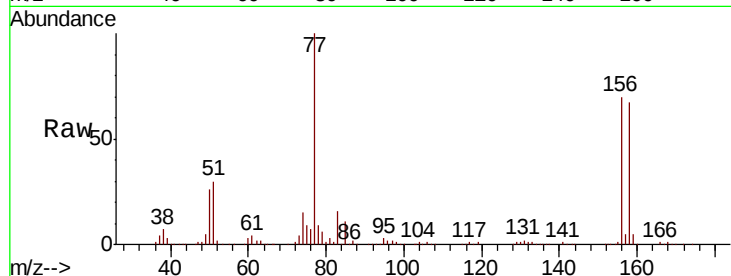
Tot Ion:156 Resp: 148636

Ion Ratio Lower Upper

156 100

77 138.5 68.7 206.1

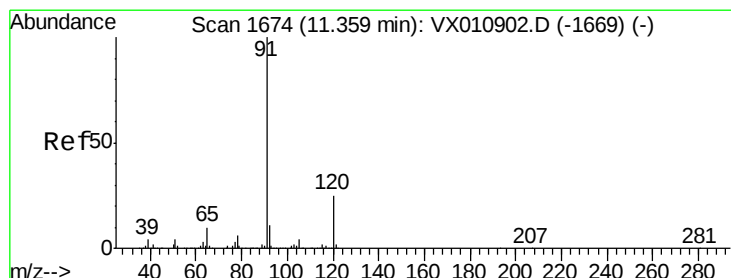
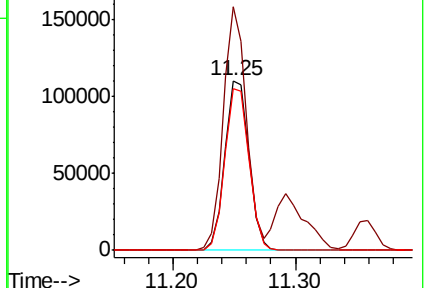
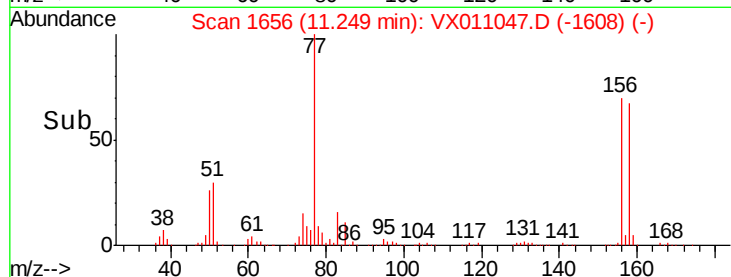
158 96.6 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.196 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011047.D

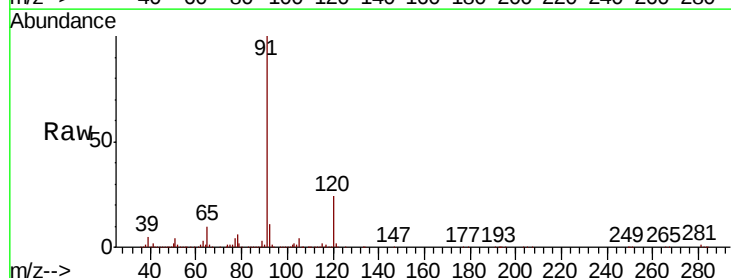
Acq: 23 Jul 2019 09:40

Tgt Ion: 91 Resp: 624943

Ion Ratio Lower Upper

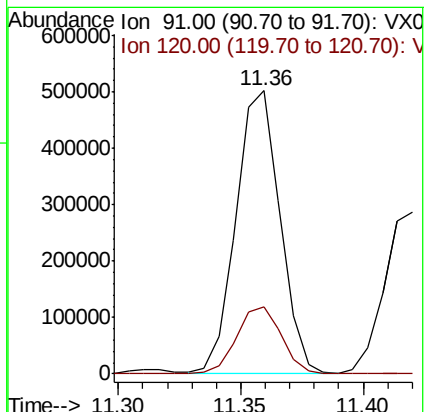
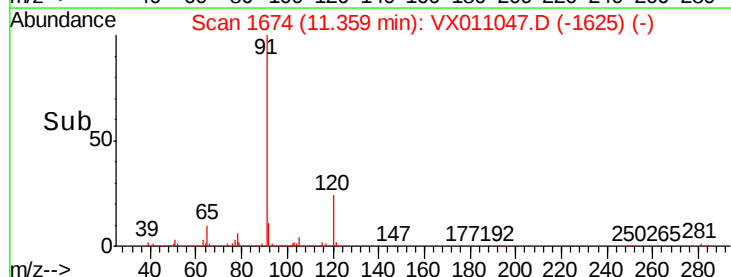
91 100

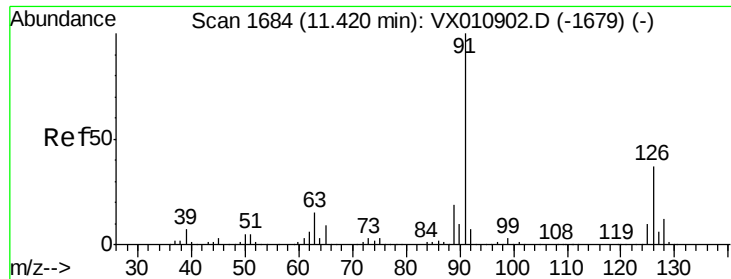
120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

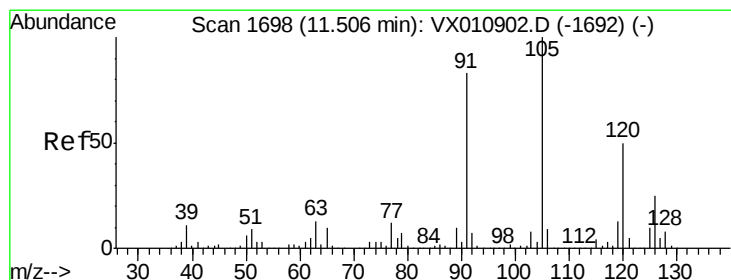
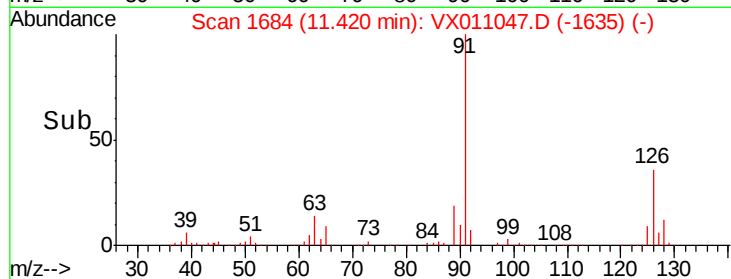
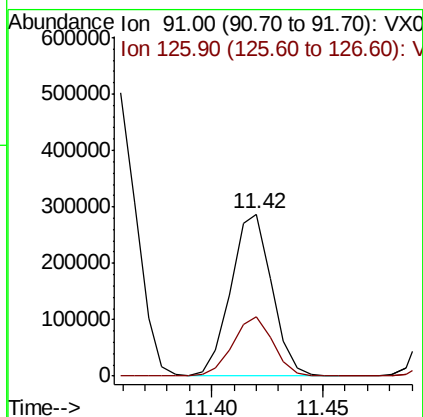
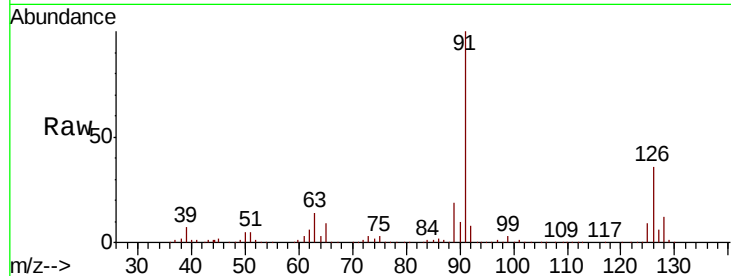




#79
 2-Chlorotoluene
 Concen: 48.944 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

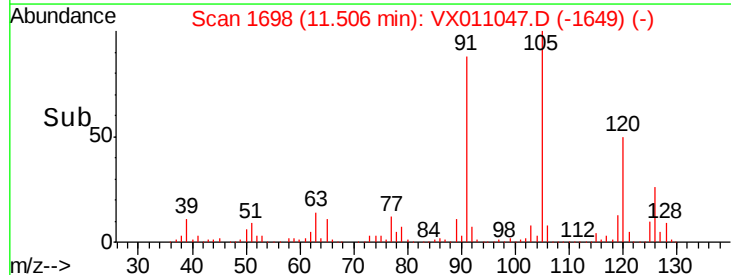
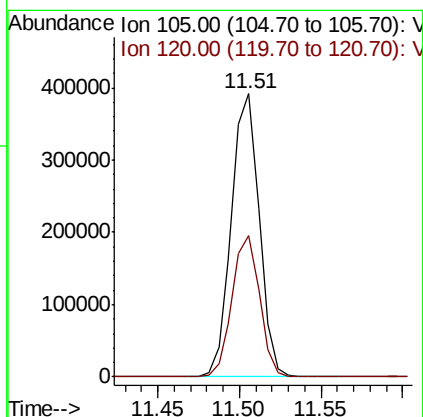
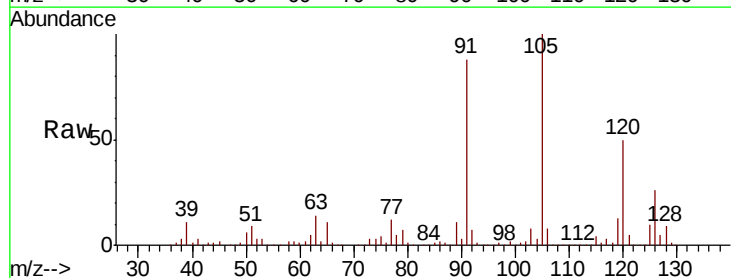
Instrument :
 MSVOA_X
 ClientSampleId :

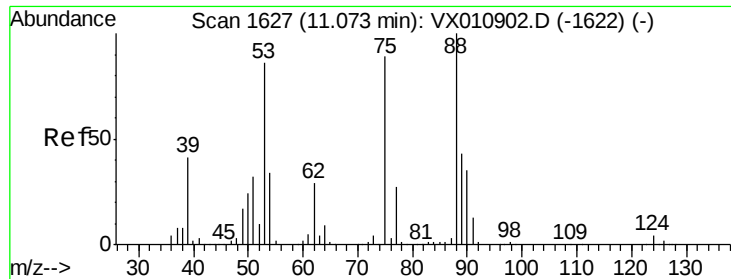
Tot Ion: 91 Resp: 366047
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.472 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 105 Resp: 465796
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.157 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

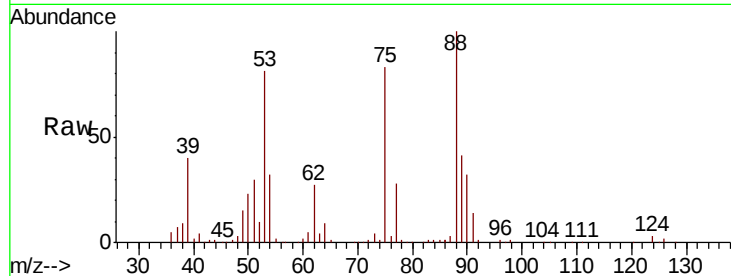
Tot Ion: 75 Resp: 54428

Ion Ratio Lower Upper

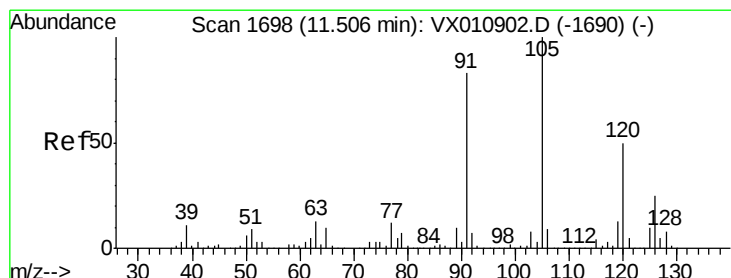
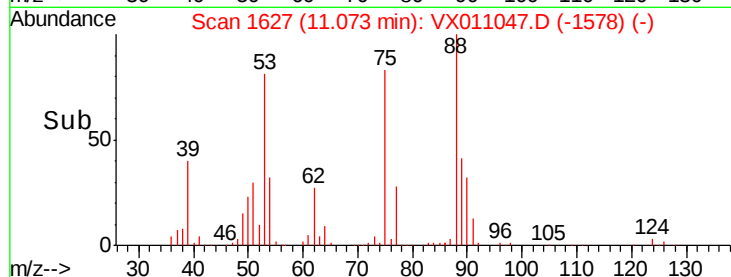
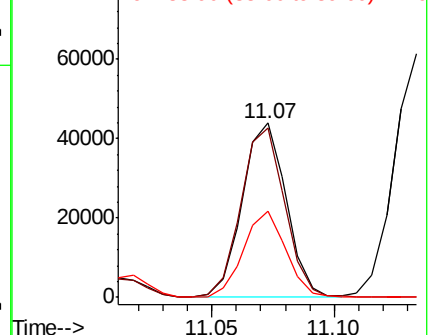
75 100

53 97.4 76.7 115.1

89 48.1 38.5 57.7



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



#82

4-Chlorotoluene

Concen: 49.953 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011047.D

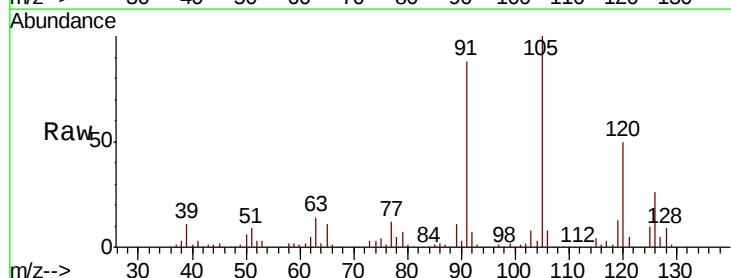
Acq: 23 Jul 2019 09:40

Tgt Ion: 91 Resp: 434826

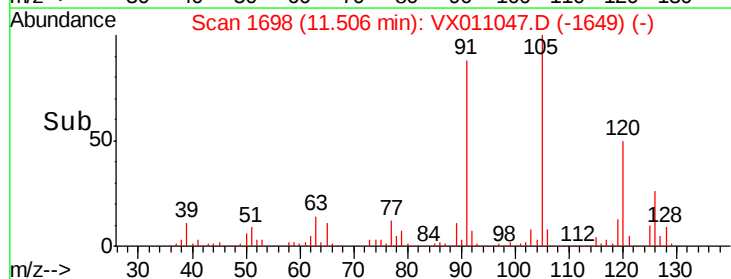
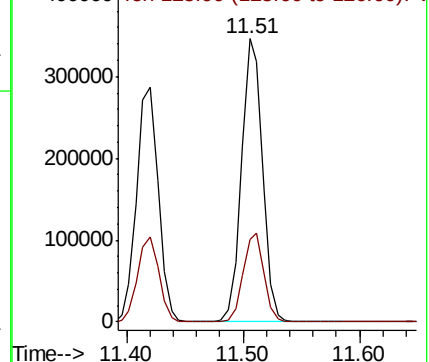
Ion Ratio Lower Upper

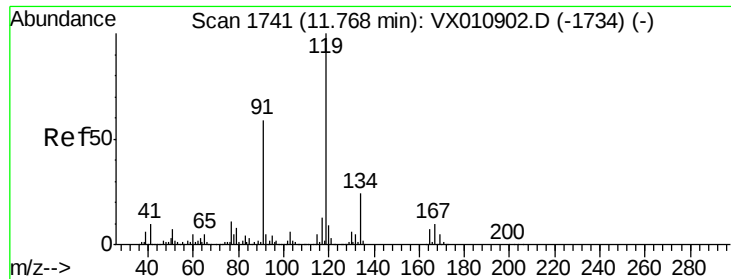
91 100

126 31.2 15.9 47.7



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





#83

tert-Butylbenzene

Concen: 49.758 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampled :

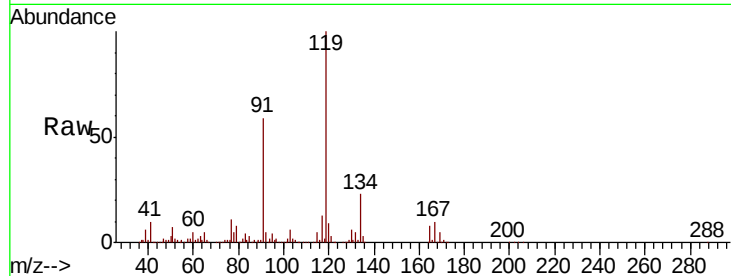
Tot Ion:119 Resp: 460169

Ion Ratio Lower Upper

119 100

91 57.7 28.6 85.8

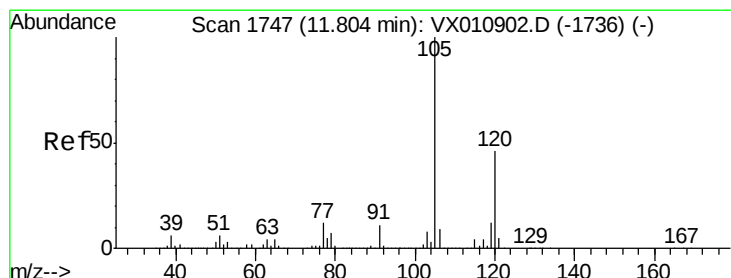
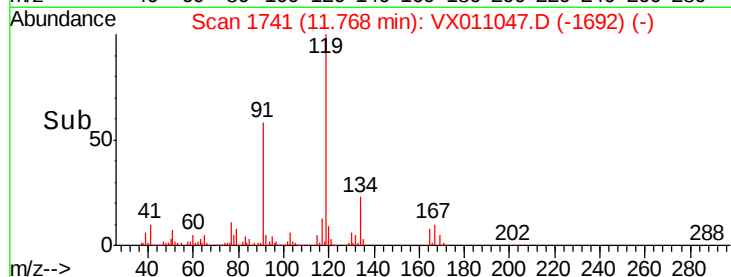
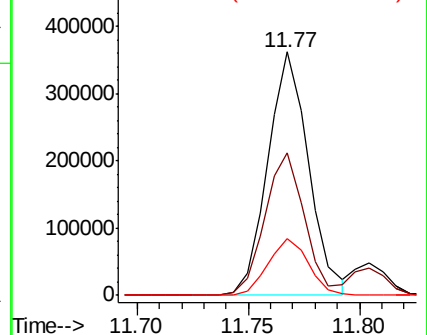
134 23.2 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.083 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011047.D

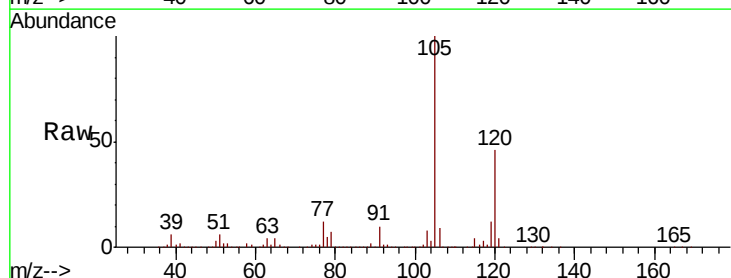
Acq: 23 Jul 2019 09:40

Tgt Ion:105 Resp: 475271

Ion Ratio Lower Upper

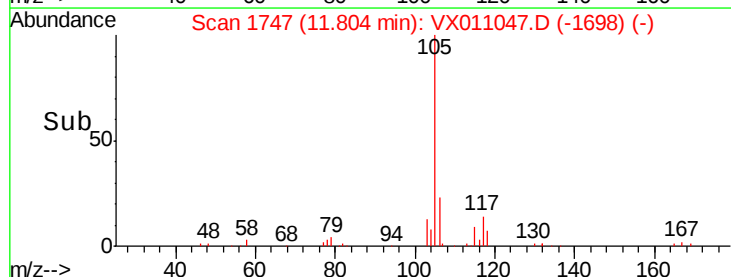
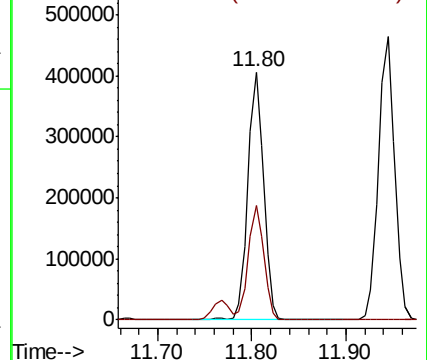
105 100

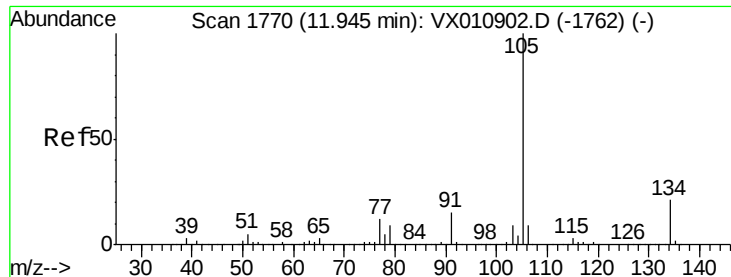
120 45.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

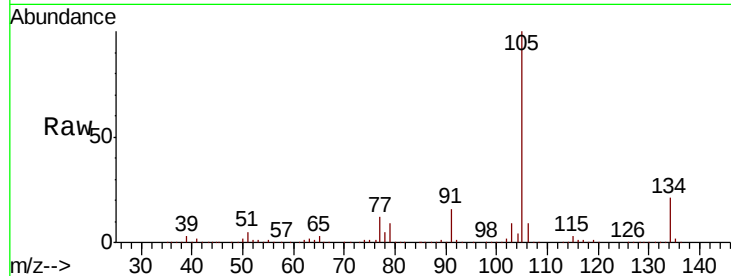
ClientSampled :

Tot Ion:105 Resp: 555808

Ion Ratio Lower Upper

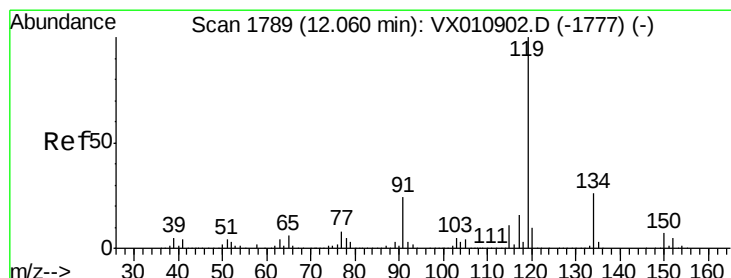
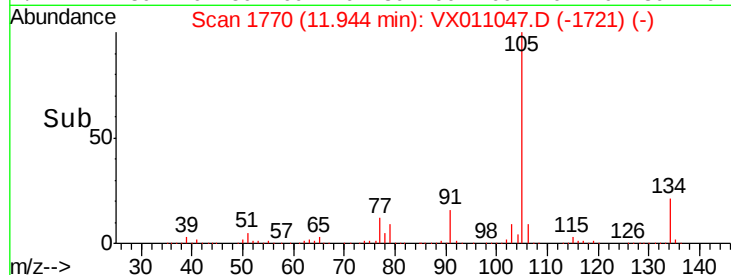
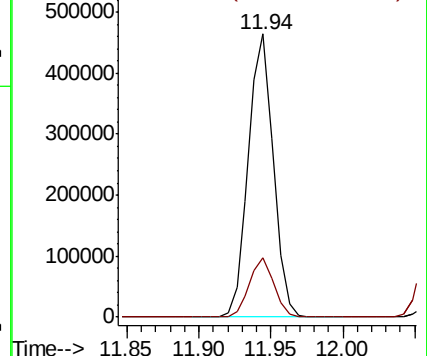
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.179 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

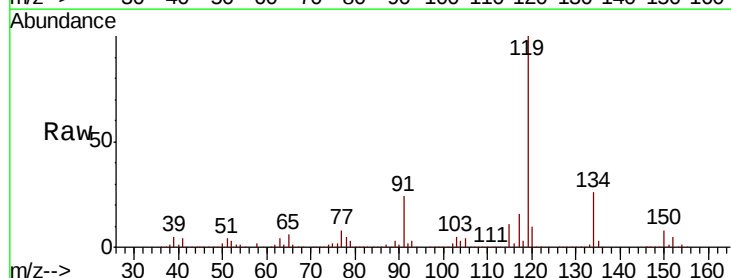
Tgt Ion:119 Resp: 512724

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

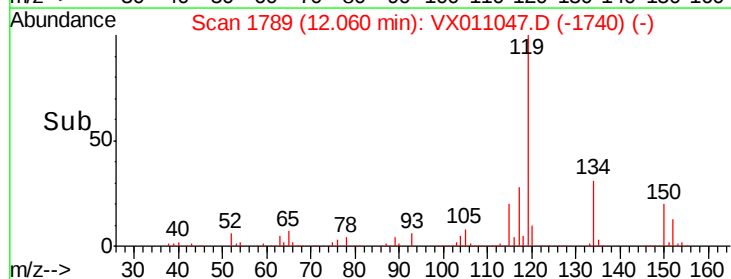
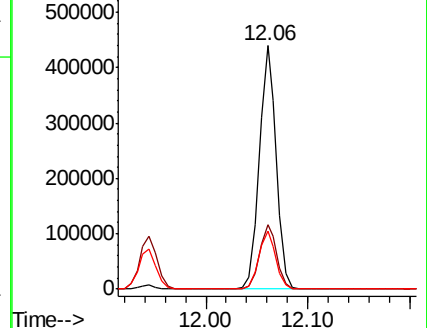
91 24.0 11.8 35.4

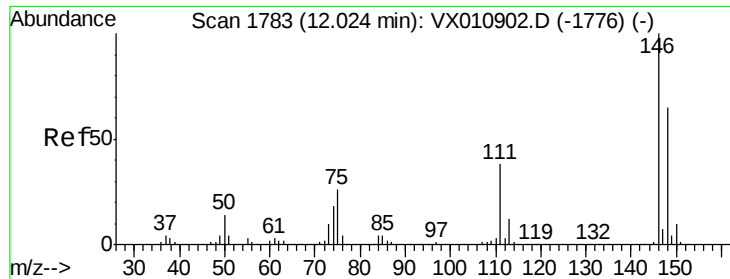


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

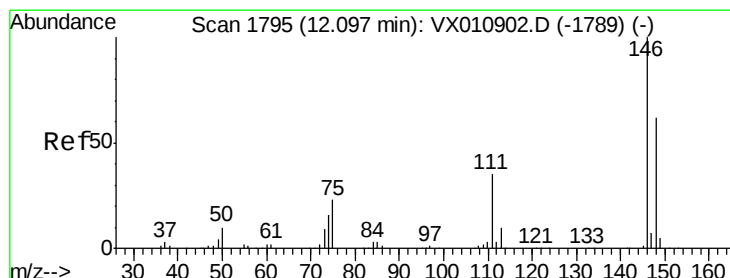
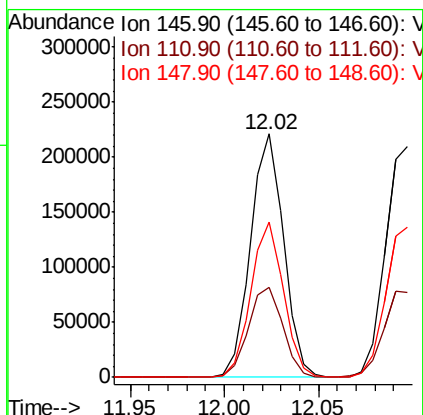
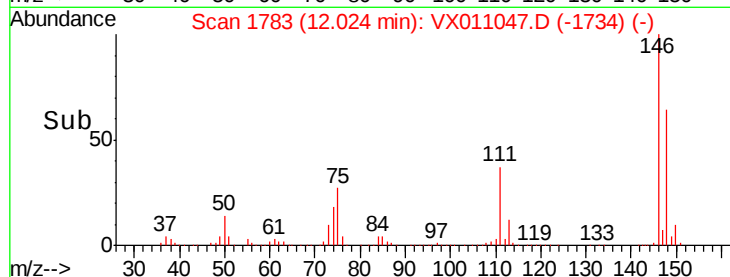
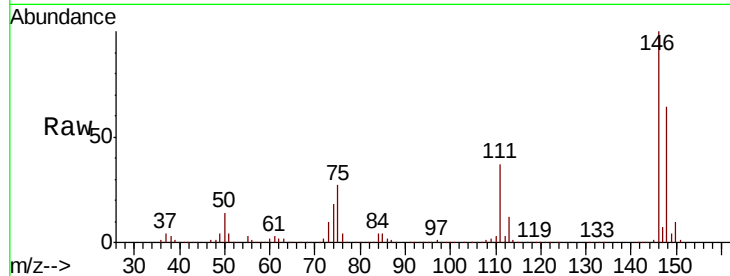




#87
 1,3-Dichlorobenzene
 Concen: 50.017 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

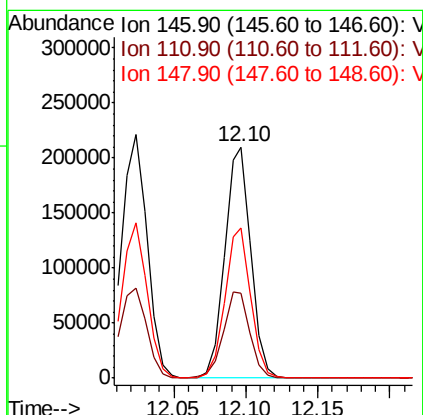
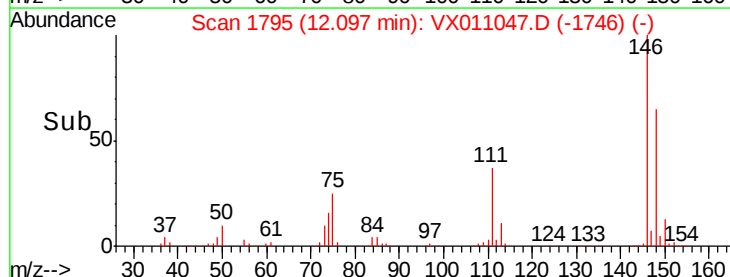
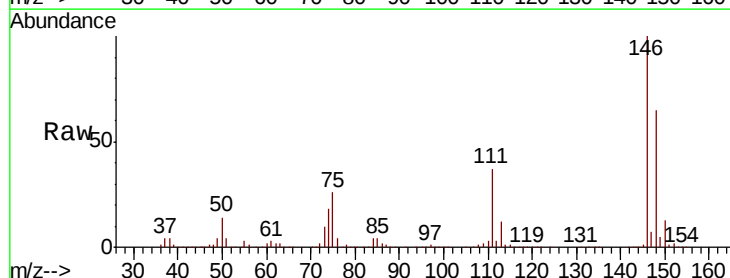
Instrument :
 MSVOA_X
 ClientSampled :

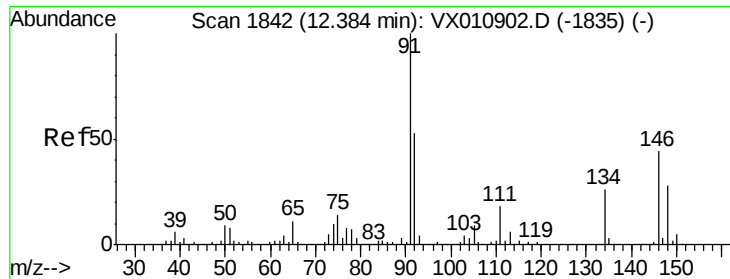
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	63.0	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.020 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.5	31.6	94.7





#89

n-Butylbenzene

Concen: 52.694 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011047.D

Acq: 23 Jul 2019 09:40

Instrument :

MSVOA_X

ClientSampleId :

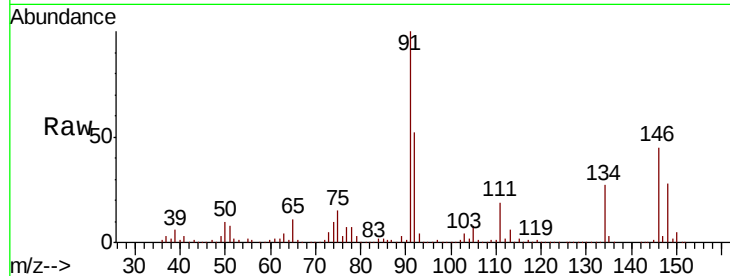
Tot Ion: 91 Resp: 451634

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

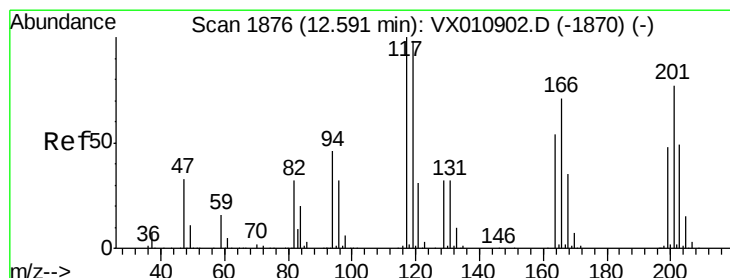
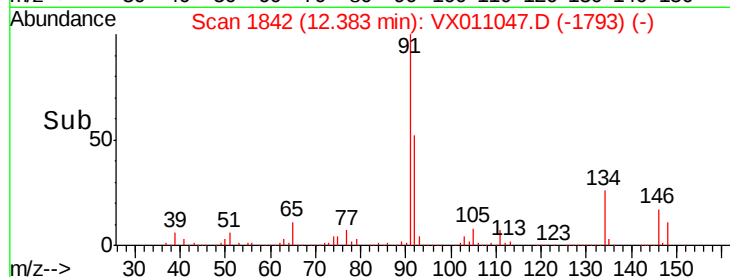
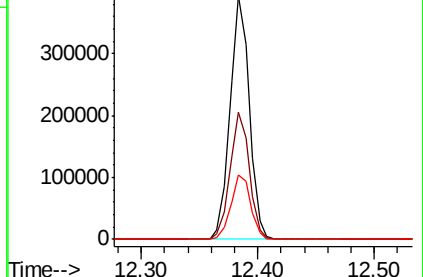
134 27.4 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX010902.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX010902.D (-1835) (-)



#90

Hexachloroethane

Concen: 52.653 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX011047.D

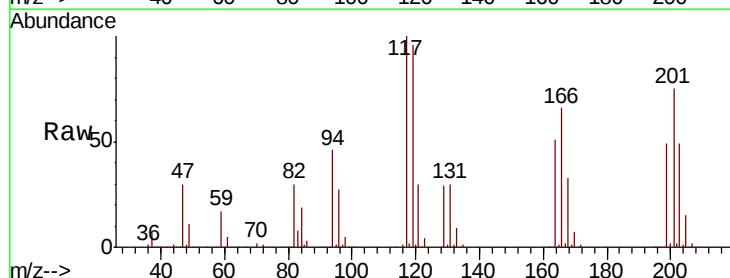
Acq: 23 Jul 2019 09:40

Tgt Ion: 117 Resp: 83200

Ion Ratio Lower Upper

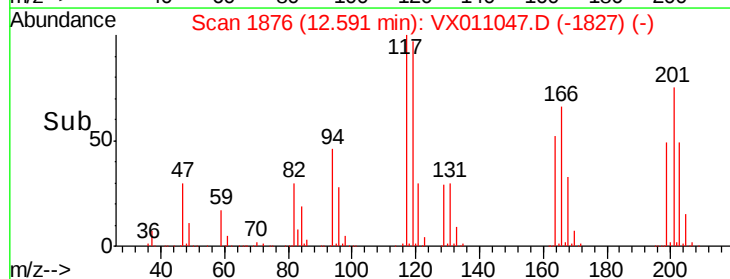
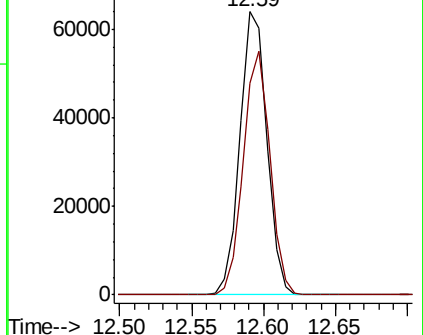
117 100

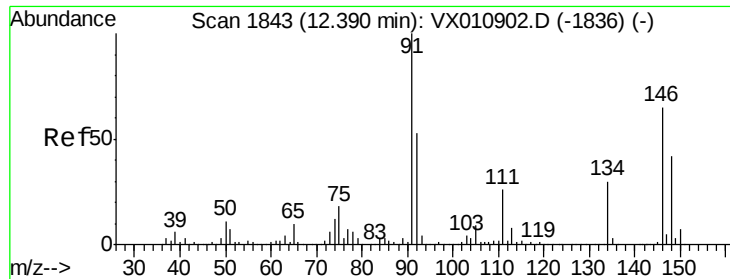
201 84.7 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): VX010902.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX010902.D (-1870) (-)

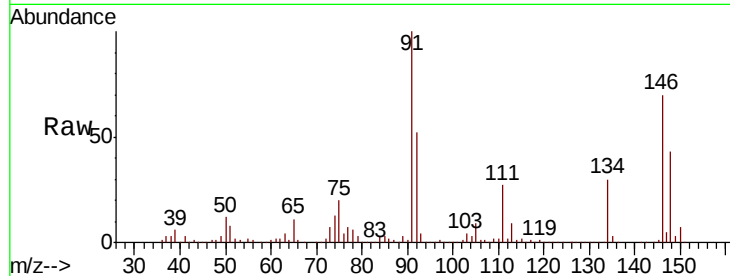




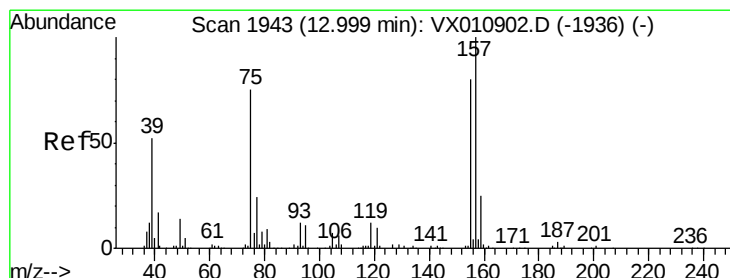
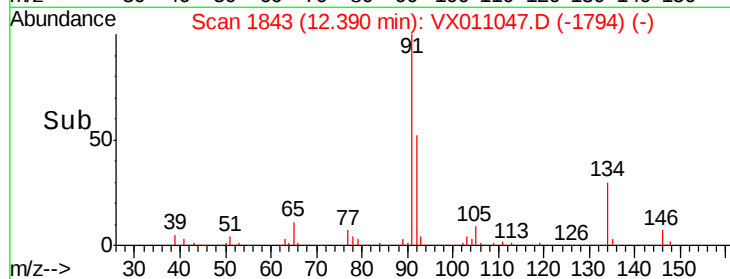
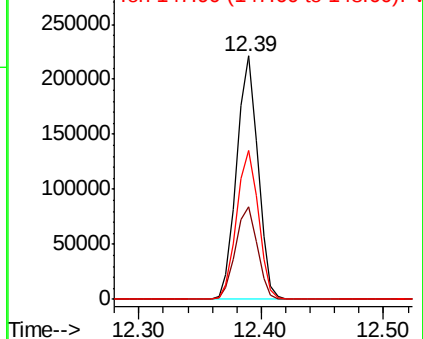
#91
 1,2-Dichlorobenzene
 Concen: 49.541 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 264824
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.7
 148 62.7 32.0 96.2

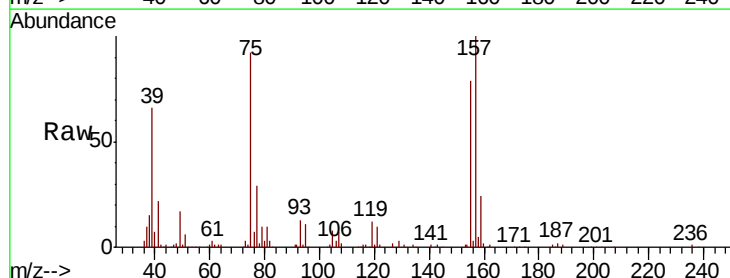


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

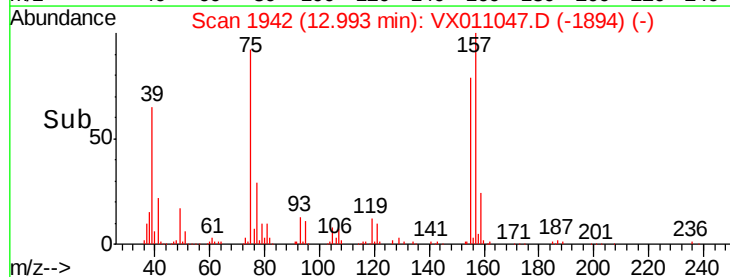
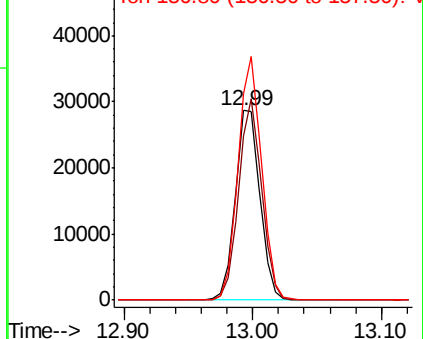


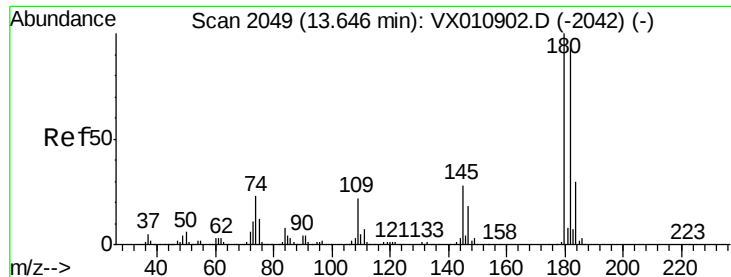
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.810 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion: 75 Resp: 38393
 Ion Ratio Lower Upper
 75 100
 155 98.4 48.7 146.1
 157 121.5 62.5 187.6



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

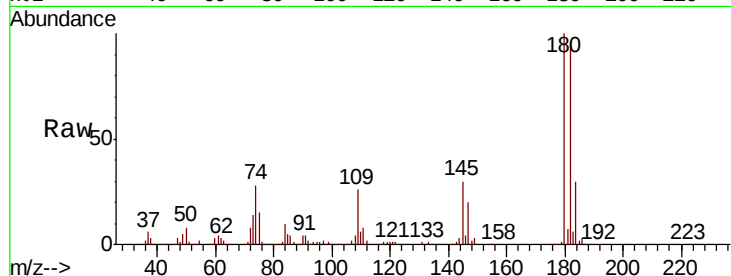




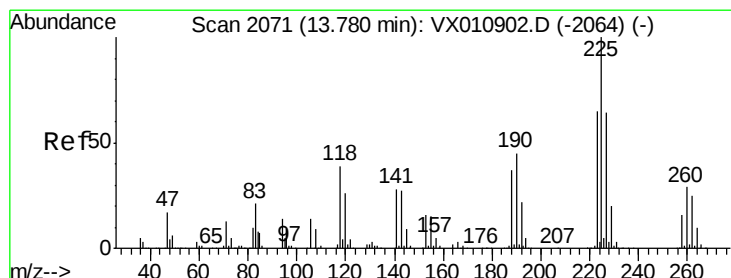
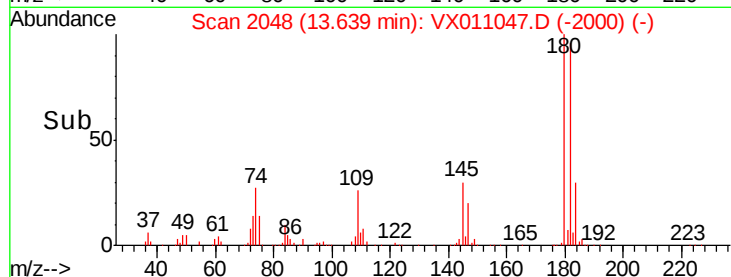
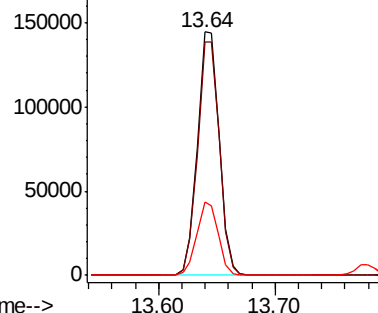
#93
 1,2,4-Trichlorobenzene
 Concen: 51.281 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 185779
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.1 141.3
 145 29.8 14.8 44.4

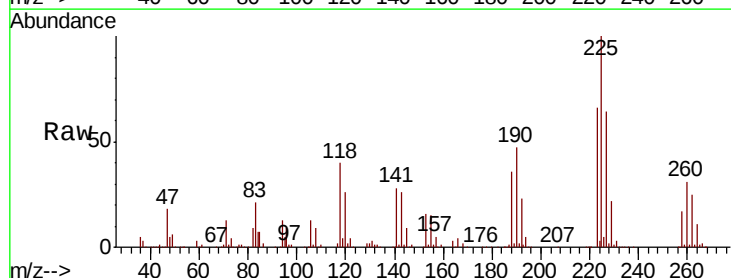


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

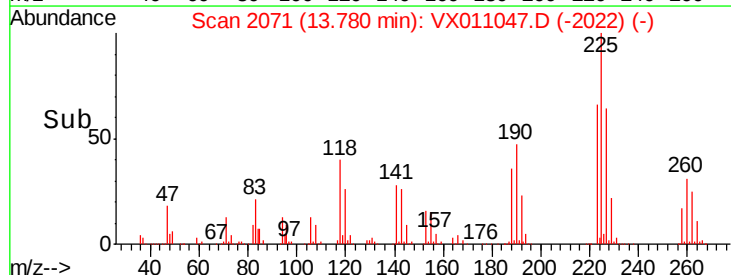
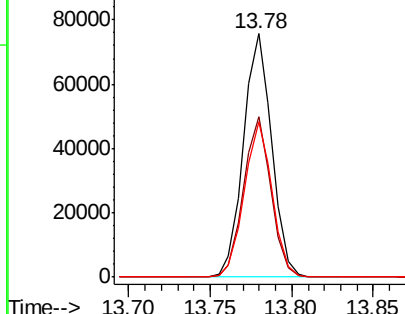


#94
 Hexachlorobutadiene
 Concen: 50.977 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011047.D
 Acq: 23 Jul 2019 09:40

Tgt Ion:225 Resp: 91518
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.9
 227 62.9 32.5 97.4



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

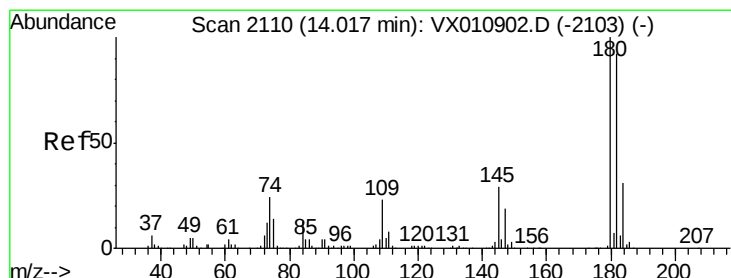
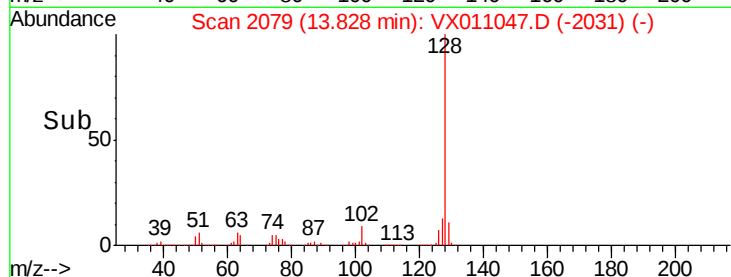
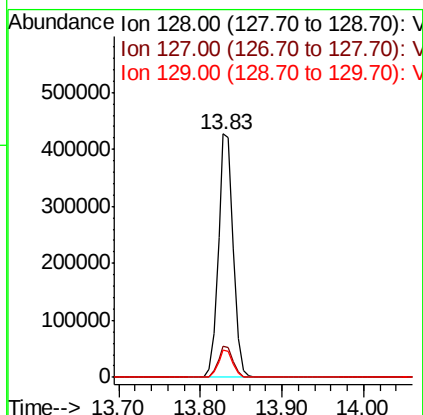
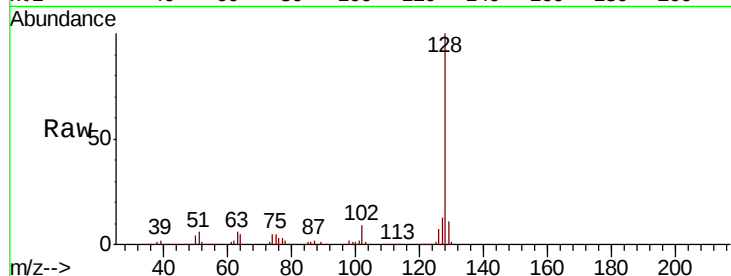




#95
Naphthalene
Concen: 51.305 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 548854
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.220 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011047.D
Acq: 23 Jul 2019 09:40

Tgt Ion:180 Resp: 184629
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 31.6 15.1 45.3

