

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010819\
 Data File : VX006951.D
 Acq On : 08 Jan 2019 12:52
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 12 01:01:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	590636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	875470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	782015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	392209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	310766	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	286069	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	8.71	98	1056338	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	367378	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	248807	51.297	ug/l	98
3) Chloromethane	1.33	50	274355	48.590	ug/l	99
4) Vinyl Chloride	1.41	62	293178	48.269	ug/l	99
5) Bromomethane	1.64	94	286595	44.164	ug/l	98
6) Chloroethane	1.71	64	184818	43.579	ug/l	99
7) Trichlorofluoromethane	1.93	101	454908	46.353	ug/l	98
8) Diethyl Ether	2.19	74	175038	44.831	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	259623	44.187	ug/l	99
10) Methyl Iodide	2.51	142	406421	51.280	ug/l	99
11) Tert butyl alcohol	3.07	59	324562	222.900	ug/l	100
12) 1,1-Dichloroethene	2.37	96	248778	45.829	ug/l	96
13) Acrolein	2.30	56	153876	245.092	ug/l	96
14) Allyl chloride	2.73	41	434800	46.736	ug/l	99
15) Acrylonitrile	3.15	53	762496	228.111	ug/l	99
16) Acetone	2.45	43	682389	223.620	ug/l	99
17) Carbon Disulfide	2.57	76	653006	46.724	ug/l	99
18) Methyl Acetate	2.78	43	391304	44.280	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	869880	46.169	ug/l	99
20) Methylene Chloride	2.86	84	279910	48.206	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	269053	44.476	ug/l	99
22) Diisopropyl ether	3.87	45	811478	46.397	ug/l	92
23) Vinyl Acetate	3.82	43	3438028	233.092	ug/l	100
24) 1,1-Dichloroethane	3.70	63	452879	46.308	ug/l	99
25) 2-Butanone	4.70	43	1014879	232.432	ug/l	99
26) 2,2-Dichloropropane	4.59	77	346628	46.092	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	306537	45.940	ug/l	99
28) Bromochloromethane	5.02	49	213332	49.788	ug/l	98
29) Tetrahydrofuran	5.15	42	655957	231.168	ug/l	98
30) Chloroform	5.21	83	469098	45.813	ug/l	97
31) Cyclohexane	5.57	56	403876	46.399	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	410980	47.353	ug/l	99
36) 1,1-Dichloropropene	5.80	75	350343	46.028	ug/l	98
37) Ethyl Acetate	4.85	43	382367	46.857	ug/l	98
38) Carbon Tetrachloride	5.78	117	357654	46.703	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	442319	45.583	ug/l	98
40) Benzene	6.14	78	1067914	45.981	ug/l	100
41) Methacrylonitrile	5.06	41	206171	43.858	ug/l	99
42) 1,2-Dichloroethane	6.20	62	362628	45.184	ug/l	100
43) Isopropyl Acetate	6.46	43	610334	47.417	ug/l	98
44) Trichloroethene	7.21	130	314670	45.214	ug/l	98
45) 1,2-Dichloropropane	7.52	63	270739	46.369	ug/l	99
46) Dibromomethane	7.66	93	190226	46.356	ug/l	97
47) Bromodichloromethane	7.90	83	334123	47.835	ug/l	100
48) Methyl methacrylate	7.77	41	308199	46.626	ug/l	97
49) 1,4-Dioxane	7.75	88	142484	943.406	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1940899	234.633	ug/l	99
52) Toluene	8.79	92	685002	45.889	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	381417	49.245	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	415902	48.624	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	284289	47.580	ug/l	96
56) Ethyl methacrylate	9.18	69	415625	47.649	ug/l	96
57) 1,3-Dichloropropane	9.37	76	456966	46.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1133553	252.755	ug/l	99
59) 2-Hexanone	9.49	43	1470218	233.228	ug/l	99
60) Dibromochloromethane	9.59	129	292962	50.495	ug/l	99
61) 1,2-Dibromoethane	9.67	107	310885	47.263	ug/l	99
64) Tetrachloroethene	9.34	164	300967	44.453	ug/l	99
65) Chlorobenzene	10.14	112	780785	45.777	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	281642	49.086	ug/l	100
67) Ethyl Benzene	10.25	91	1293746	45.947	ug/l	100
68) m/p-Xylenes	10.36	106	1022275	92.149	ug/l	99
69) o-Xylene	10.70	106	497528	45.986	ug/l	98
70) Styrene	10.71	104	798611	46.606	ug/l	99
71) Bromoform	10.86	173	217668	43.121	ug/l #	98
73) Isopropylbenzene	11.02	105	1308324	47.307	ug/l	99
74) N-amyl acetate	10.90	43	540763	48.564	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	408582	46.536	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	467753	58.852	ug/l	91
77) Bromobenzene	11.26	156	358919	47.100	ug/l	99
78) n-propylbenzene	11.36	91	1462977	48.187	ug/l	99
79) 2-Chlorotoluene	11.42	91	847902	46.395	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1088699	47.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118880	45.507	ug/l	99
82) 4-Chlorotoluene	11.51	91	999751	47.246	ug/l	100
83) tert-Butylbenzene	11.77	119	1103506	47.861	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1114256	47.950	ug/l	99
85) sec-Butylbenzene	11.94	105	1304008	47.357	ug/l	100
86) p-Isopropyltoluene	12.06	119	1169994	47.503	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	630511	45.777	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	624774	47.881	ug/l	99
89) n-Butylbenzene	12.39	91	1003403	47.790	ug/l	99
90) Hexachloroethane	12.60	117	180438	46.129	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	616976	45.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	86802	49.988	ug/l	98

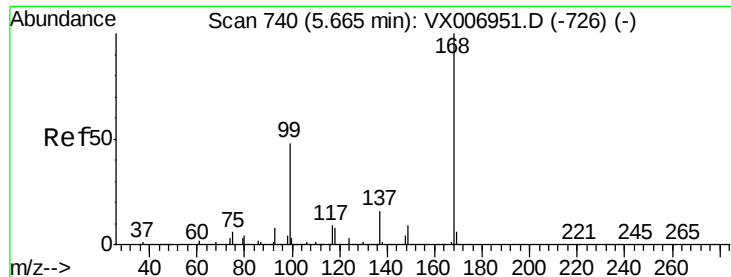
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010819\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	436562	46.814	ug/l	100
94) Hexachlorobutadiene	13.78	225	194115	46.907	ug/l	98
95) Naphthalene	13.83	128	1324340	46.866	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	428099	46.212	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

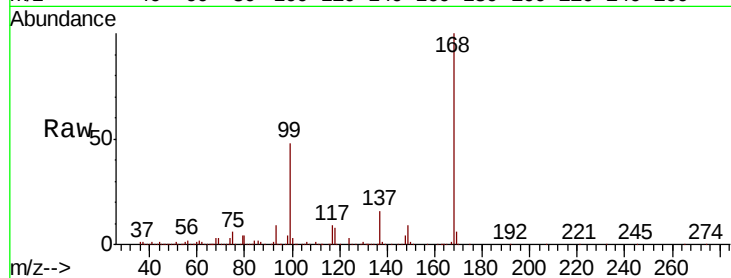
VSTDICCC050

Tgt Ion:168 Resp: 590636

Ion Ratio Lower Upper

168 100

99 48.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

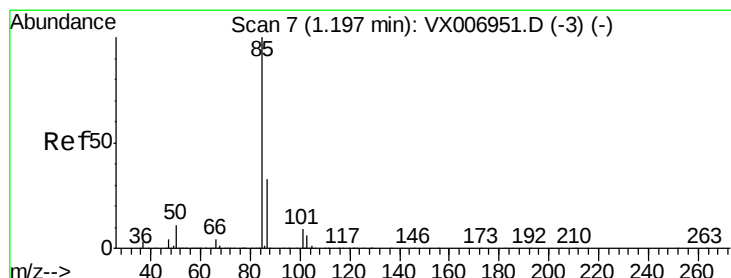
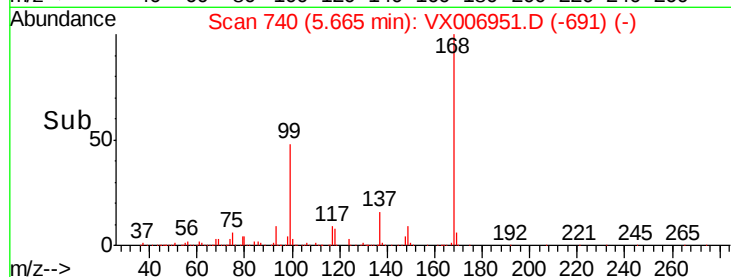
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.297 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006951.D

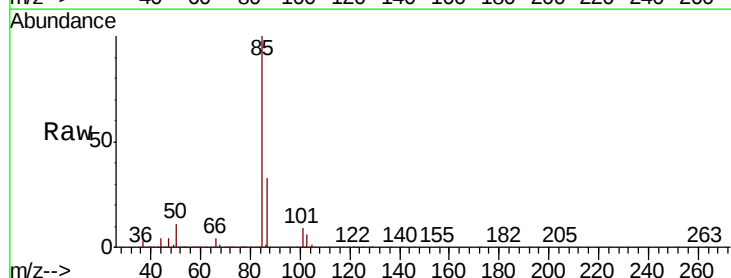
Acq: 08 Jan 2019 12:52

Tgt Ion: 85 Resp: 248807

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

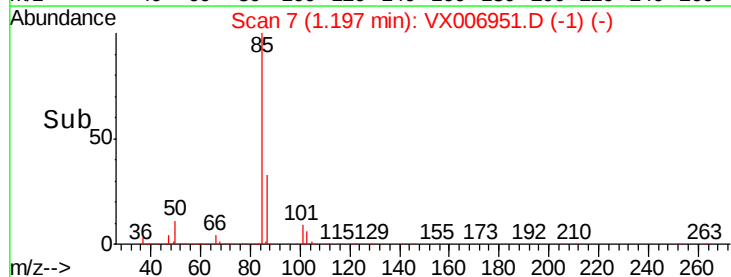
150000

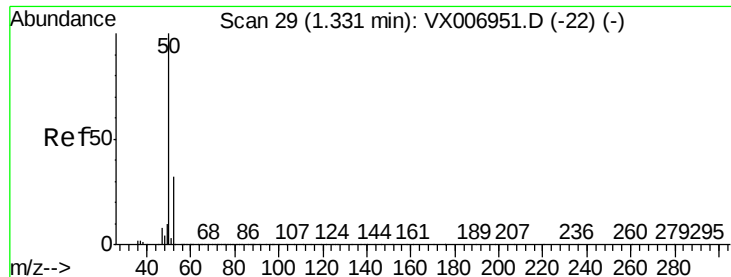
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.590 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampled :

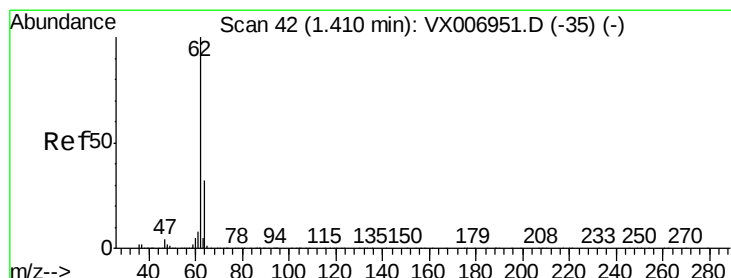
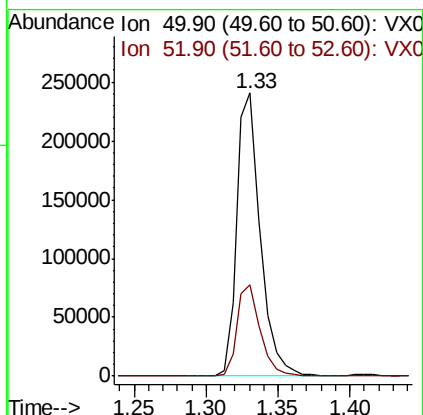
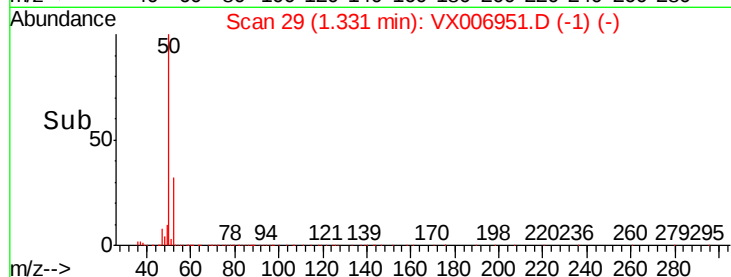
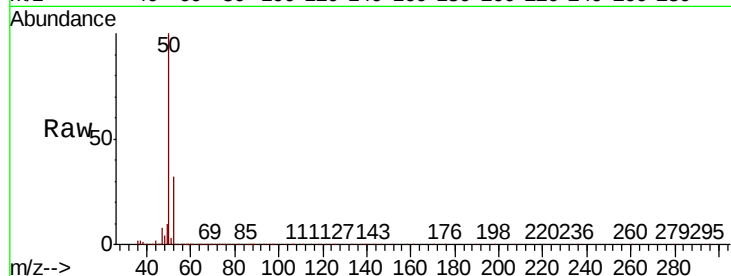
VSTDICCC050

Tgt Ion: 50 Resp: 274355

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 48.269 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006951.D

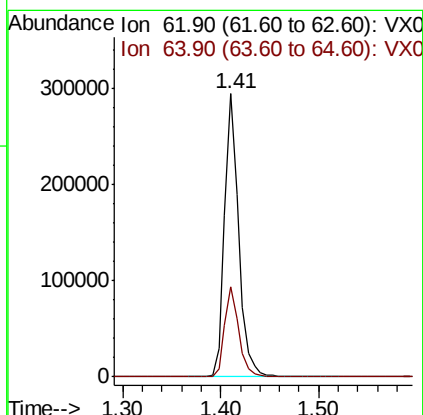
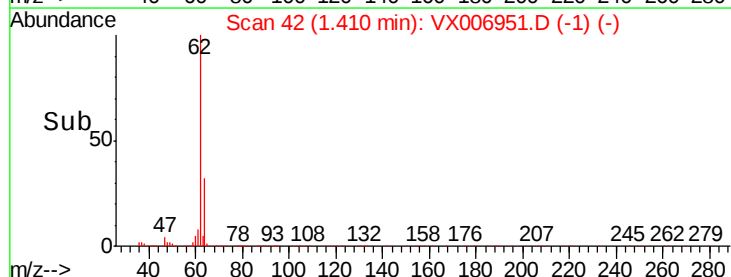
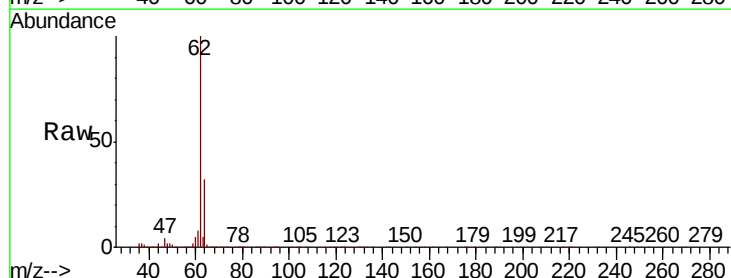
Acq: 08 Jan 2019 12:52

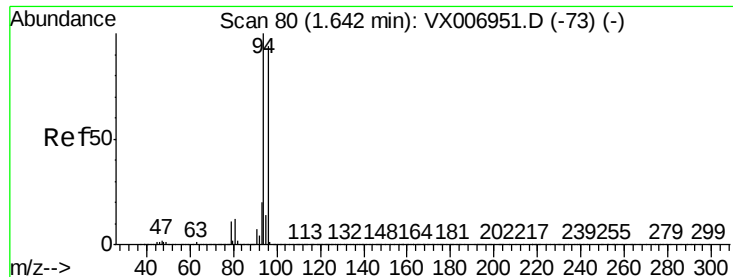
Tgt Ion: 62 Resp: 293178

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 44.164 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

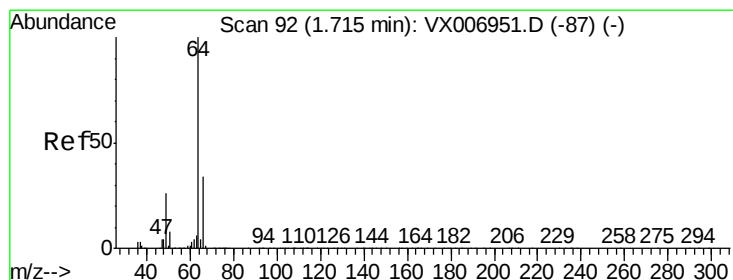
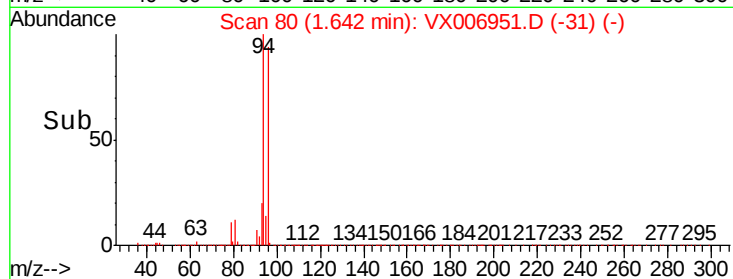
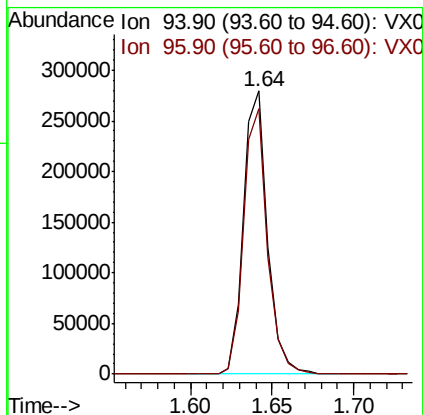
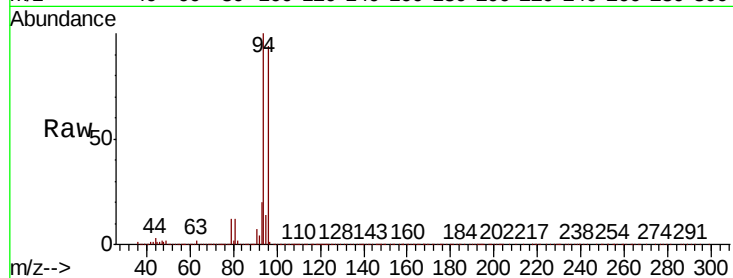
VSTDICCC050

Tgt Ion: 94 Resp: 286595

Ion Ratio Lower Upper

94 100

96 93.8 73.4 110.2



#6

Chloroethane

Concen: 43.579 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006951.D

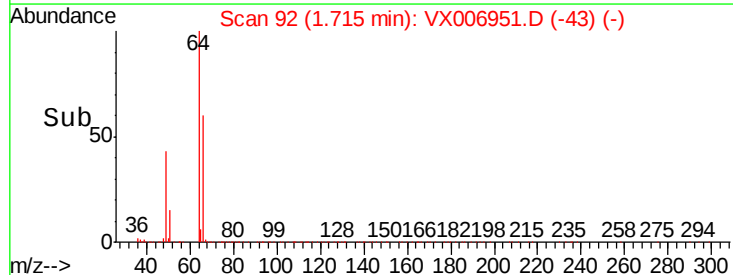
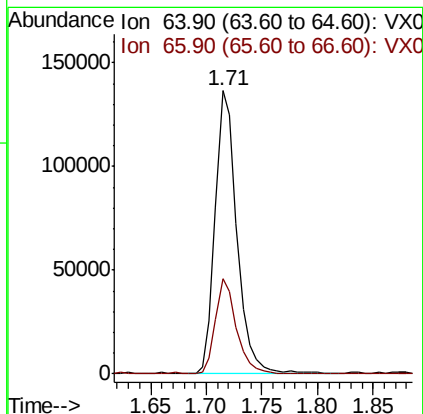
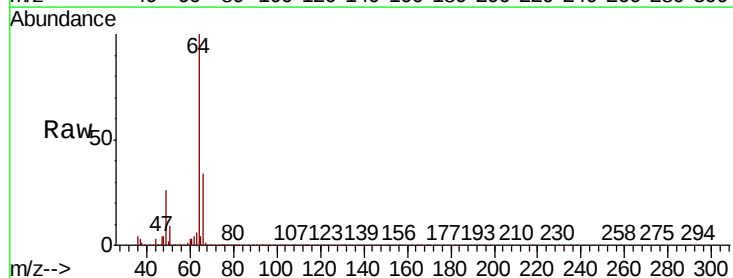
Acq: 08 Jan 2019 12:52

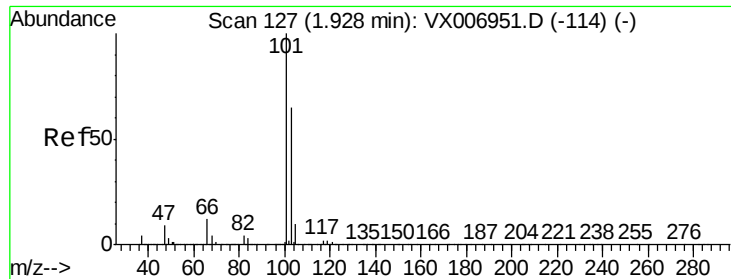
Tgt Ion: 64 Resp: 184818

Ion Ratio Lower Upper

64 100

66 33.8 26.4 39.6



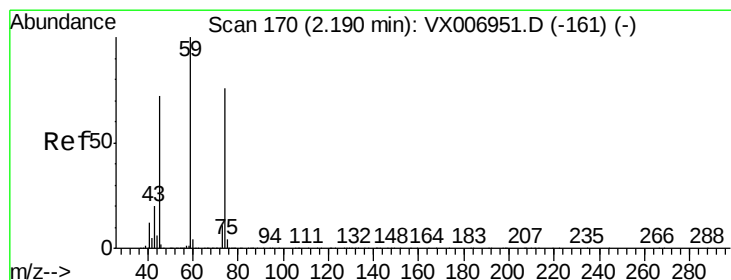
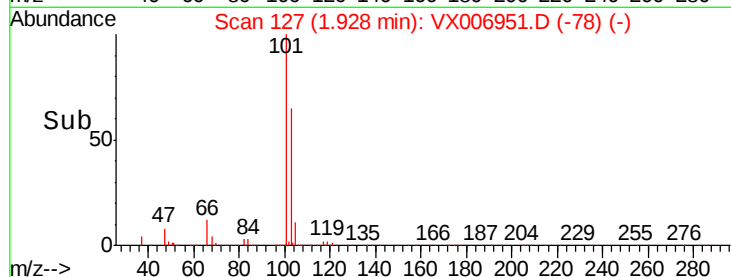
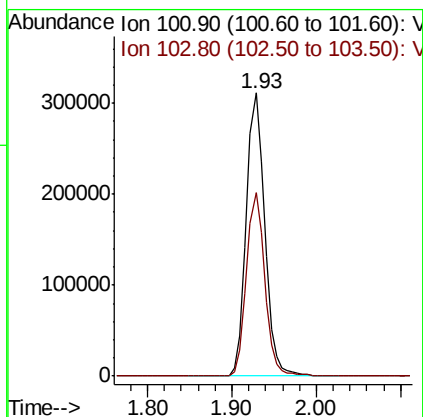
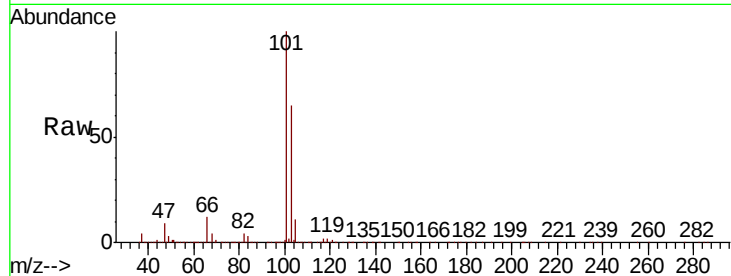


#7

Trichlorofluoromethane
Concen: 46.353 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Instrument :
MSVOA_X
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VSTDICCC050

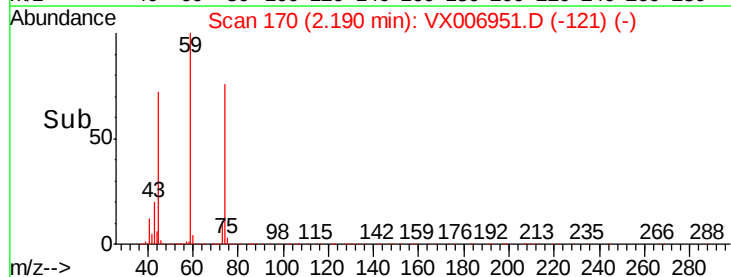
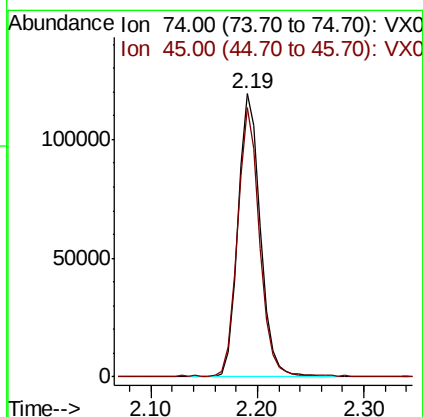
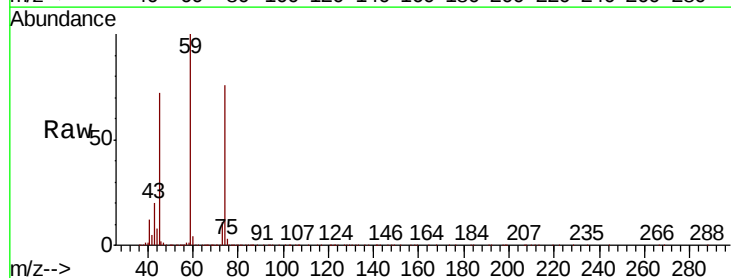
Tgt Ion:101 Resp: 454908
Ion Ratio Lower Upper
101 100
103 64.8 53.2 79.8

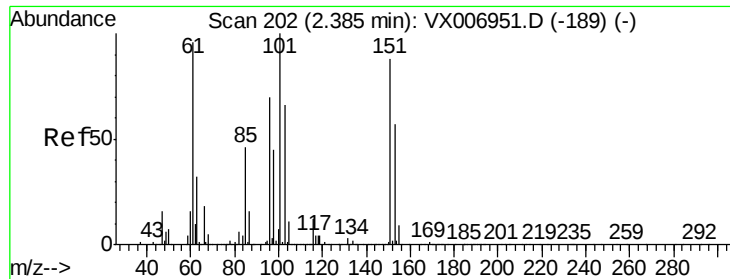


#8

Diethyl Ether
Concen: 44.831 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 74 Resp: 175038
Ion Ratio Lower Upper
74 100
45 93.7 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.187 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

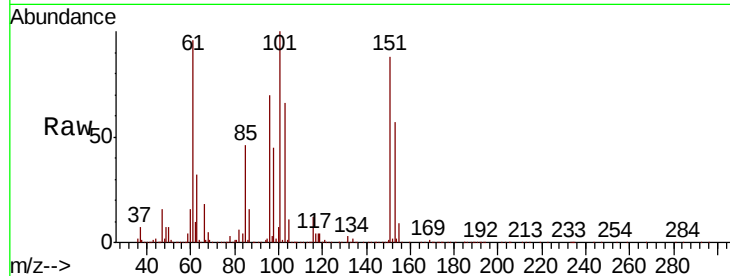
Tgt Ion:101 Resp: 259623

Ion Ratio Lower Upper

101 100

85 43.8 35.1 52.7

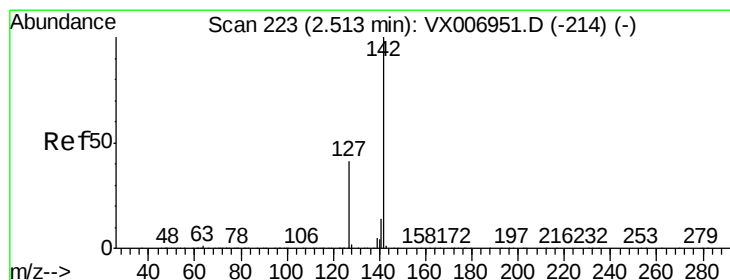
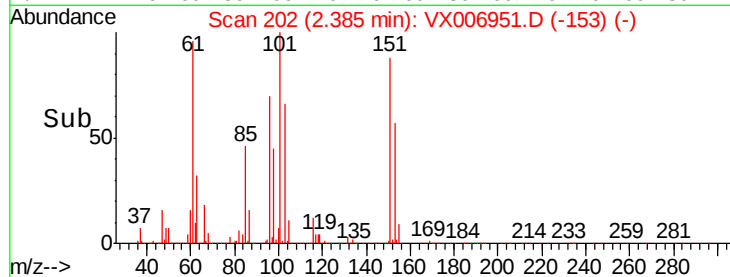
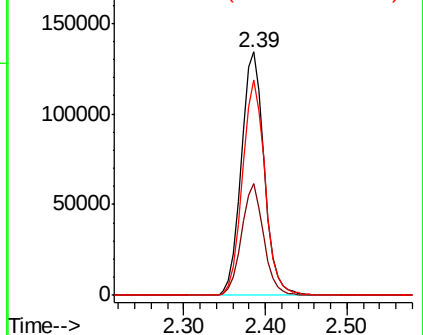
151 87.4 68.9 103.3



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: 51.280 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

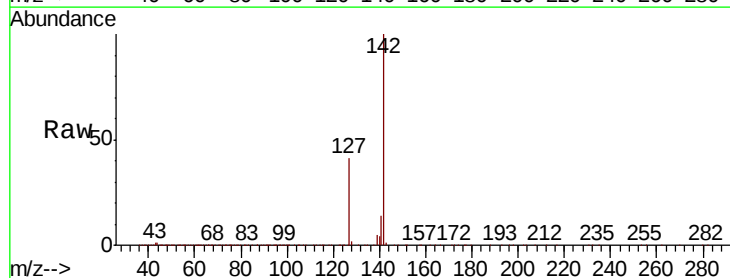
Tgt Ion:142 Resp: 406421

Ion Ratio Lower Upper

142 100

127 41.8 33.9 50.9

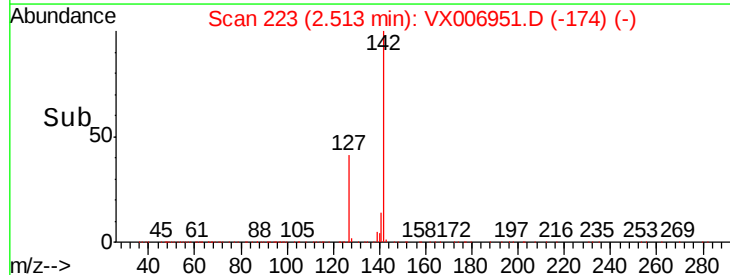
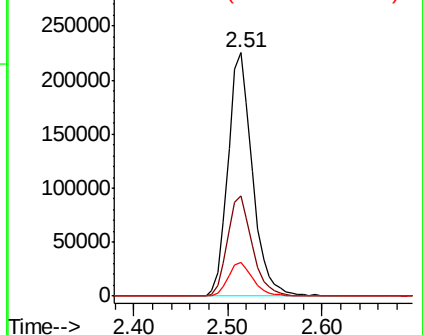
141 14.1 11.4 17.0

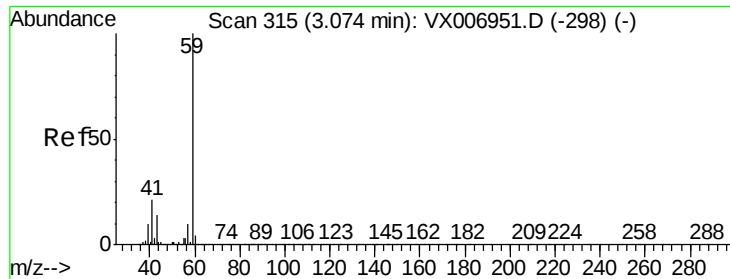


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



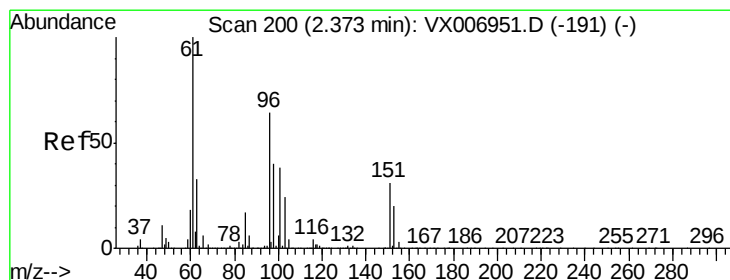
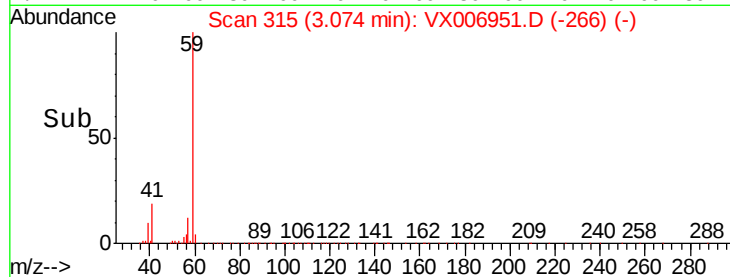
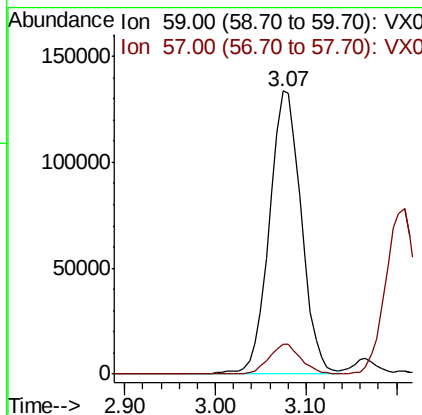
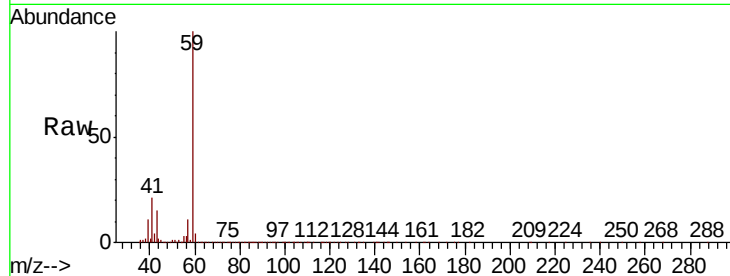


#11

Tert butyl alcohol
 Concen: 222.900 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

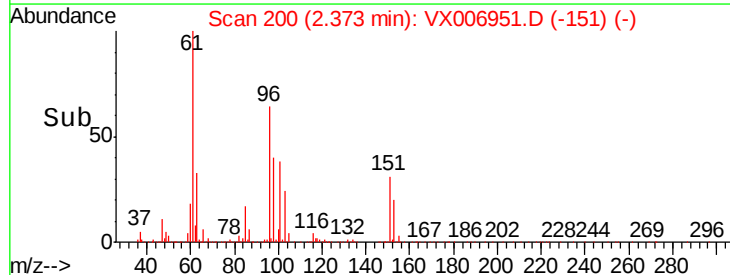
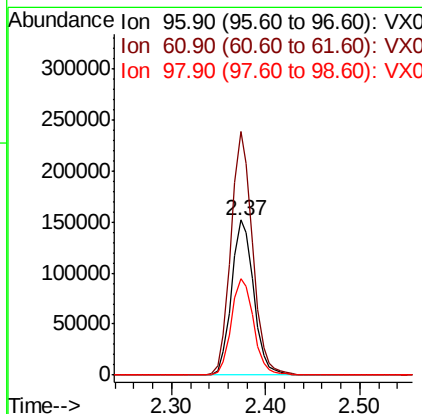
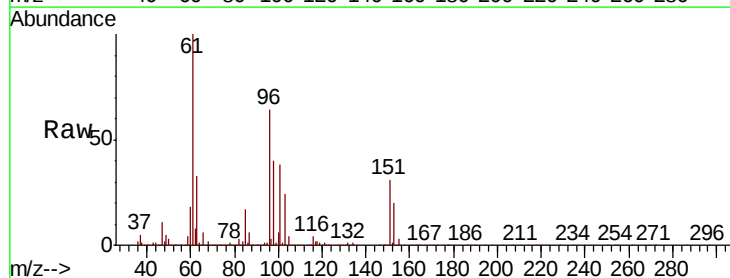
Tgt Ion: 59 Resp: 324562
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

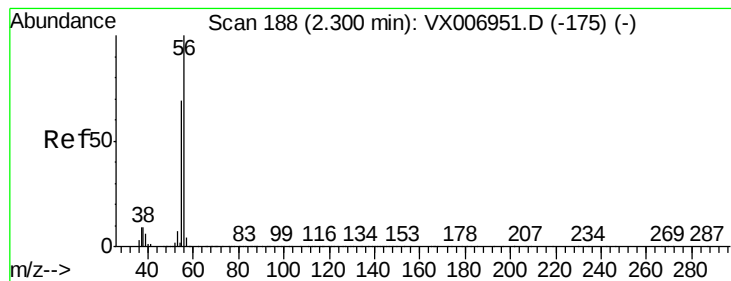


#12

1,1-Dichloroethene
 Concen: 45.829 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion: 96 Resp: 248778
 Ion Ratio Lower Upper
 96 100
 61 157.0 121.4 182.2
 98 62.0 51.9 77.9





#13

Acrolein

Concen: 245.092 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

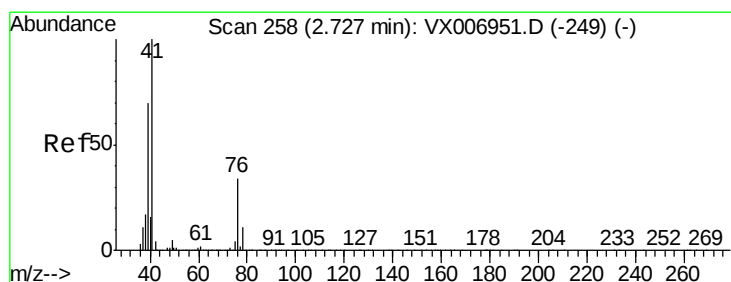
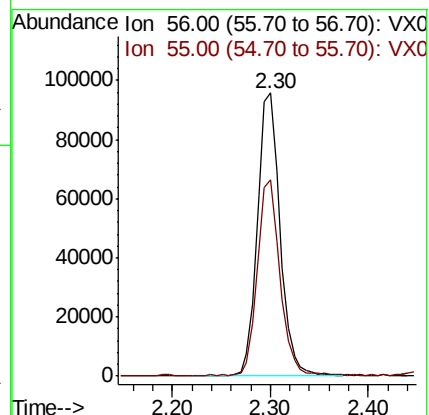
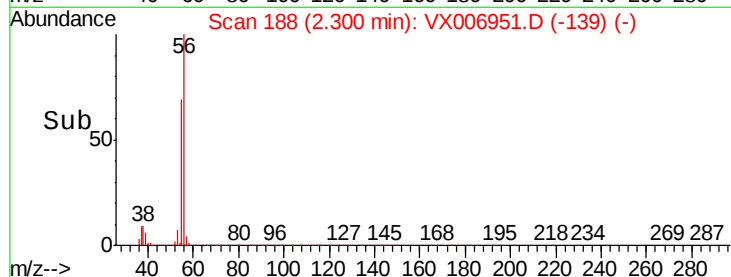
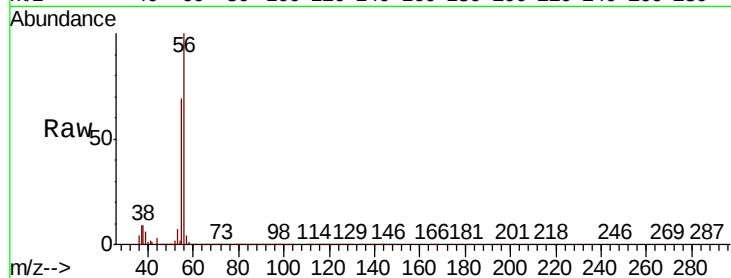
VSTDICCC050

Tgt Ion: 56 Resp: 153876

Ion Ratio Lower Upper

56 100

55 69.2 58.2 87.4



#14

Allyl chloride

Concen: 46.736 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

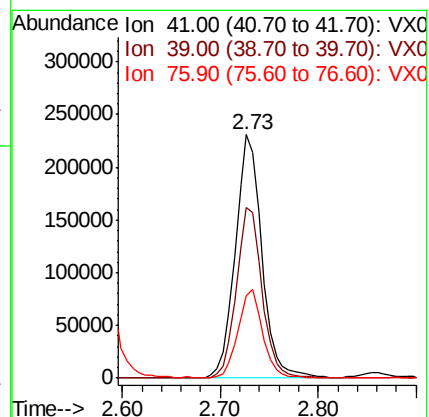
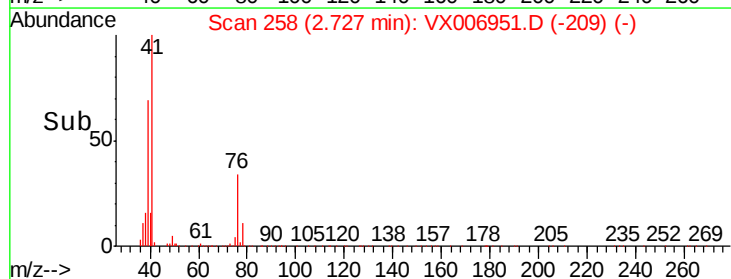
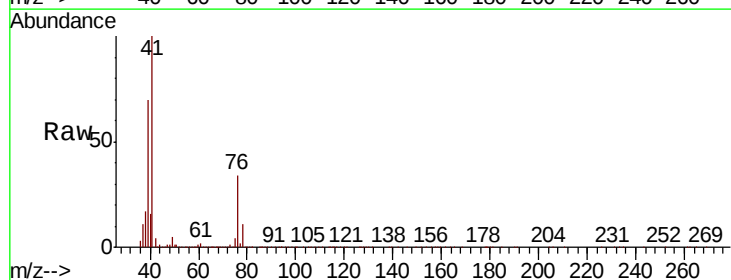
Tgt Ion: 41 Resp: 434800

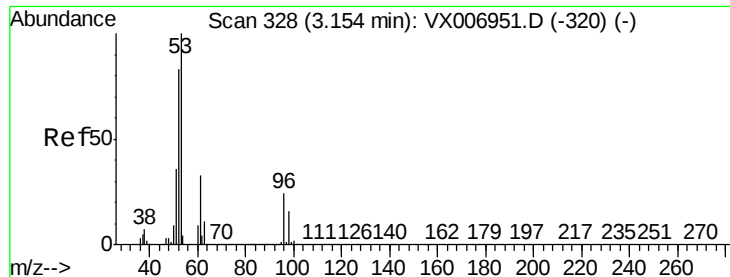
Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 228.111 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

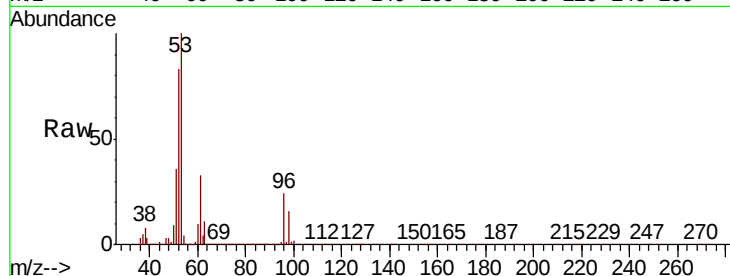
Tgt Ion: 53 Resp: 762496

Ion Ratio Lower Upper

53 100

52 83.0 66.0 99.0

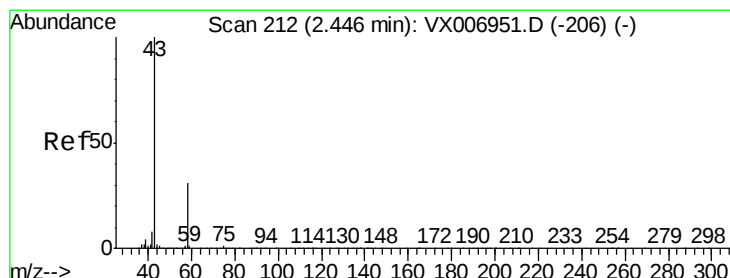
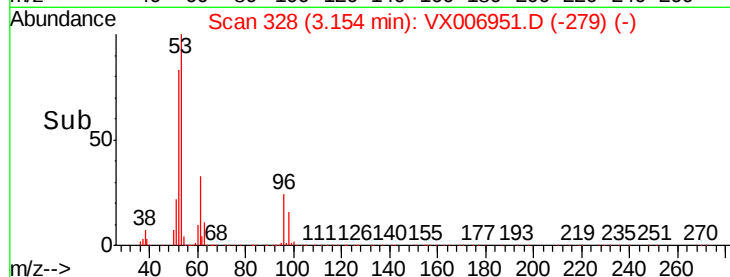
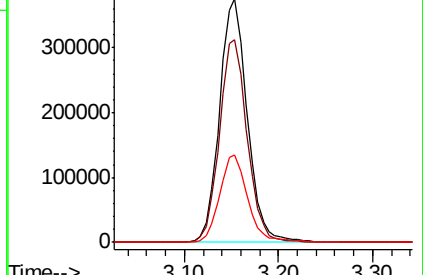
51 36.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 223.620 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006951.D

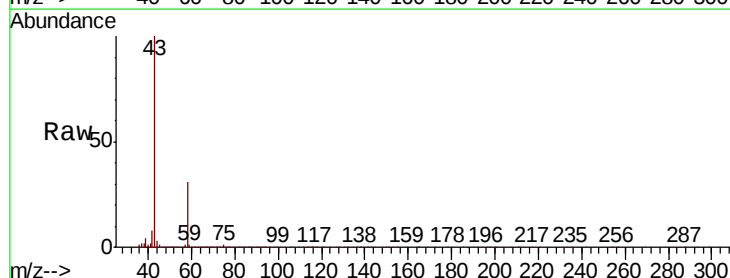
Acq: 08 Jan 2019 12:52

Tgt Ion: 43 Resp: 682389

Ion Ratio Lower Upper

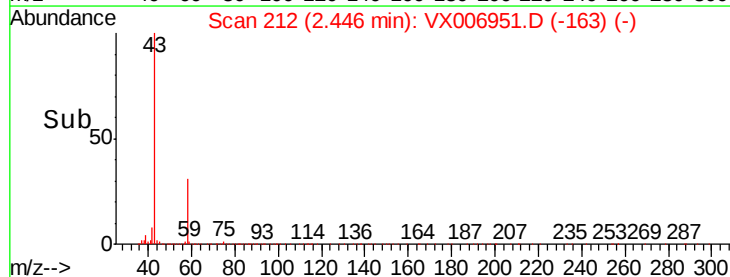
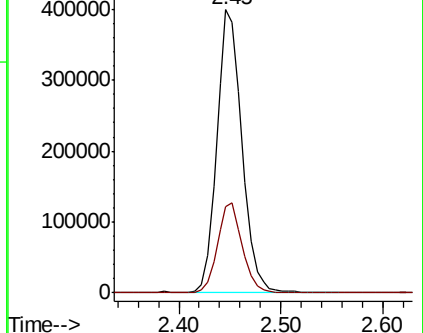
43 100

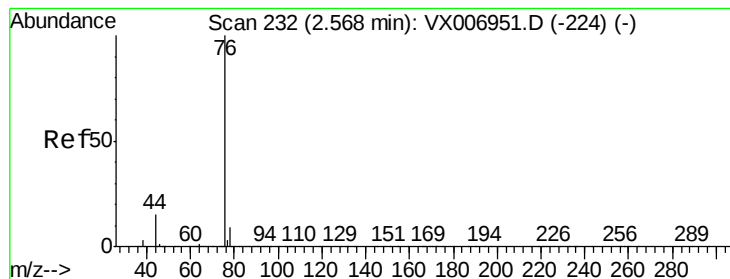
58 30.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.724 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

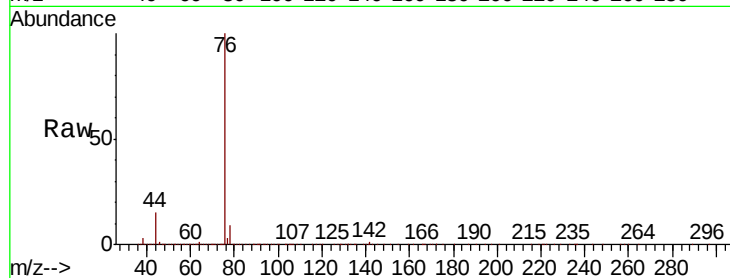
VSTDICCC050

Tgt Ion: 76 Resp: 653006

Ion Ratio Lower Upper

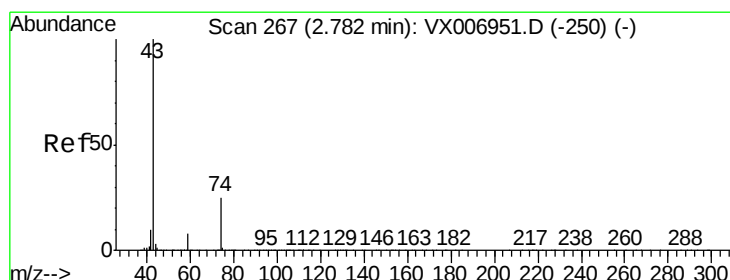
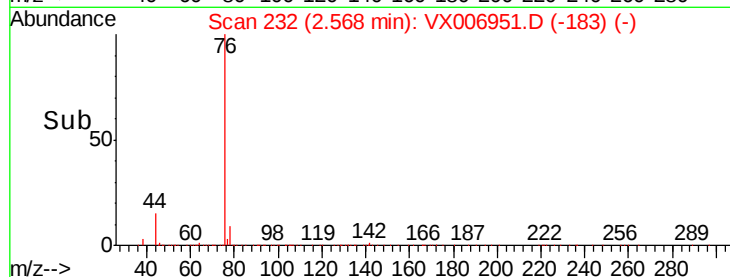
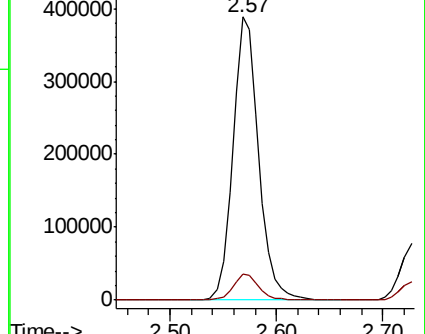
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.280 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006951.D

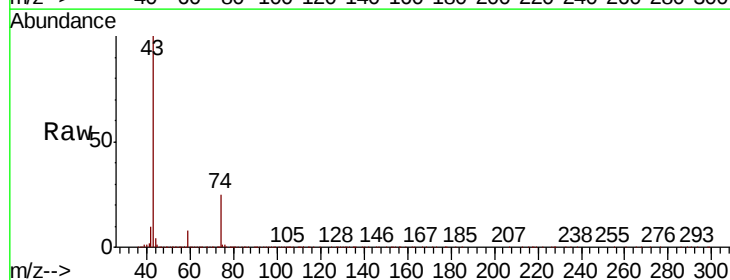
Acq: 08 Jan 2019 12:52

Tgt Ion: 43 Resp: 391304

Ion Ratio Lower Upper

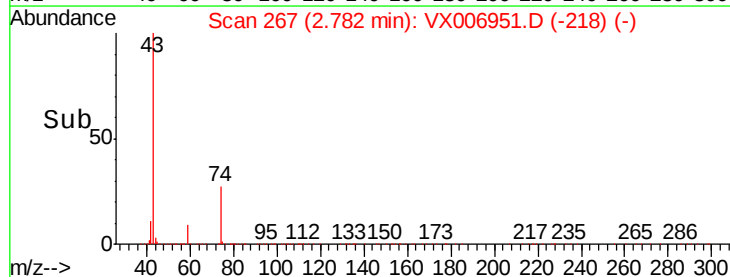
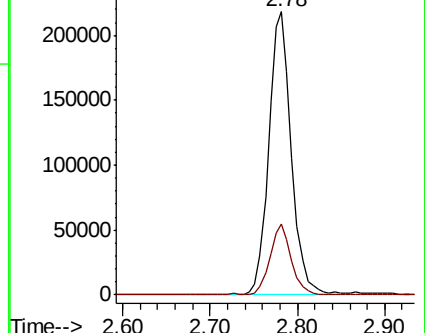
43 100

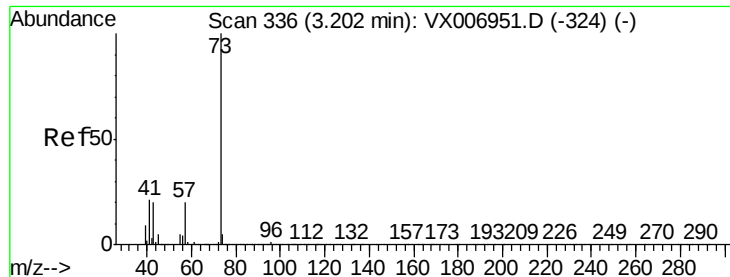
74 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



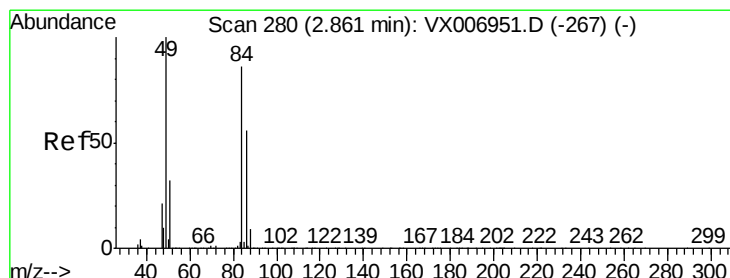
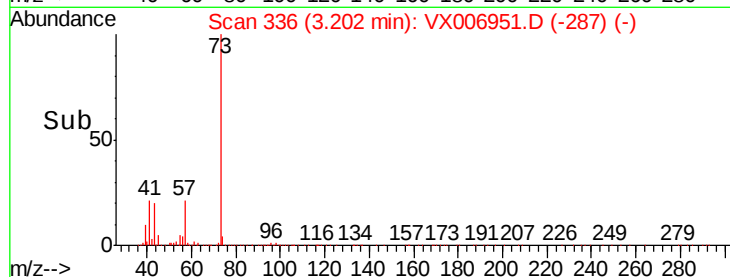
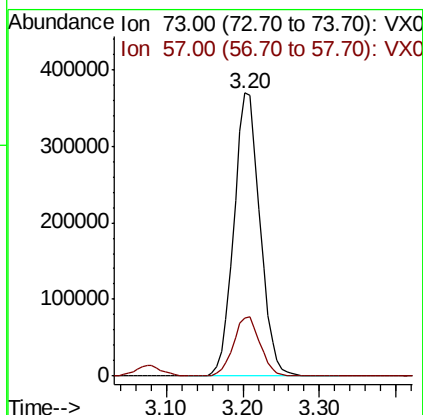
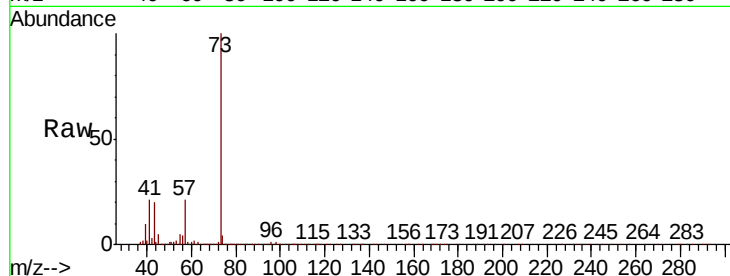


#19

Methyl tert-butyl Ether
 Concen: 46.169 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

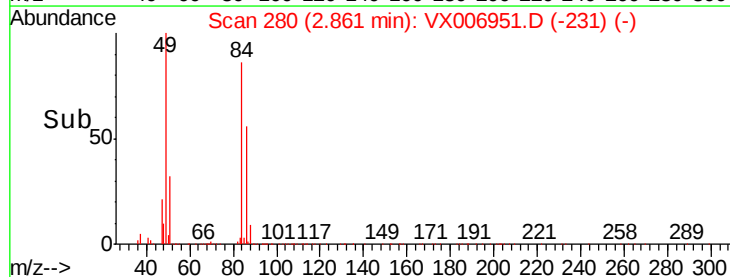
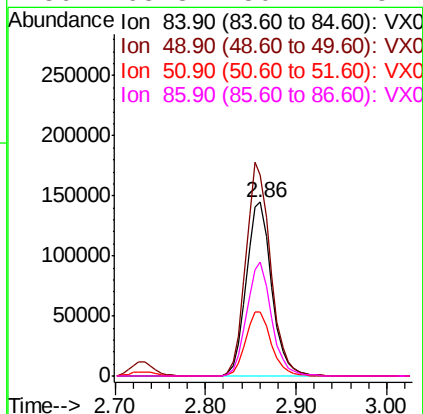
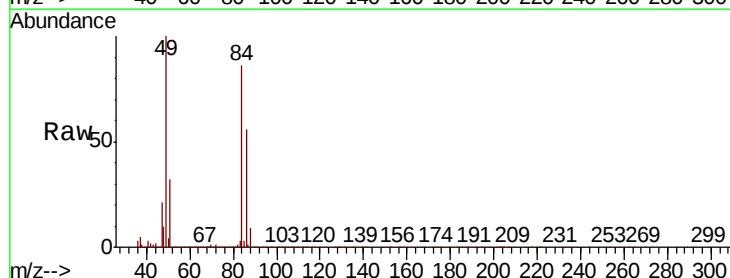
Tgt Ion: 73 Resp: 869880
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.8 25.2

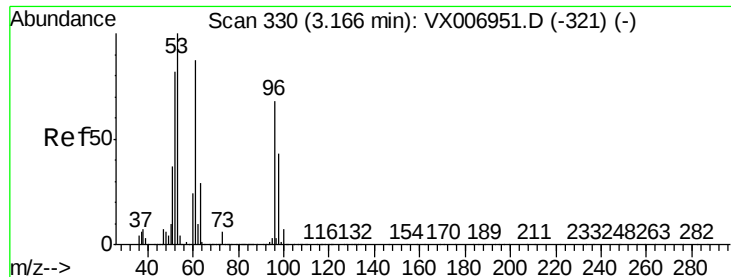


#20

Methylene Chloride
 Concen: 48.206 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion: 84 Resp: 279910
 Ion Ratio Lower Upper
 84 100
 49 115.8 91.8 137.6
 51 36.6 28.5 42.7
 86 65.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.476 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

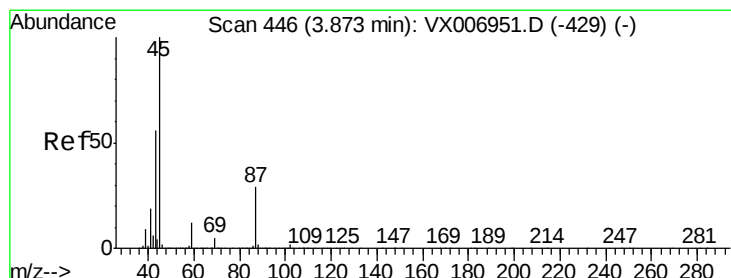
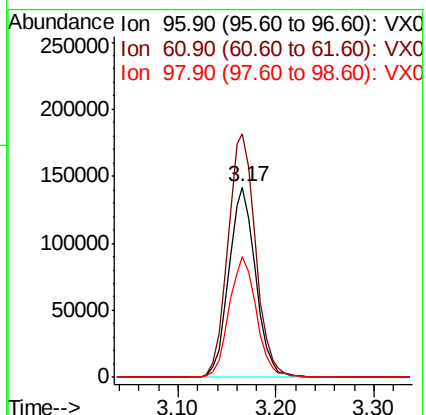
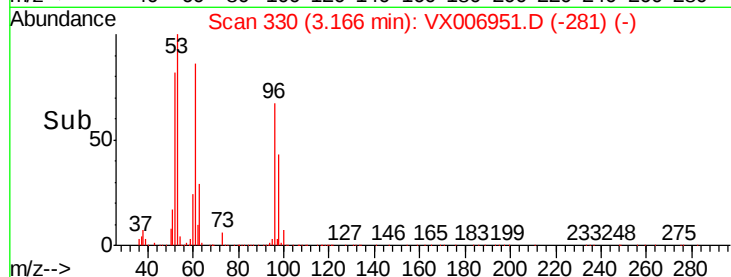
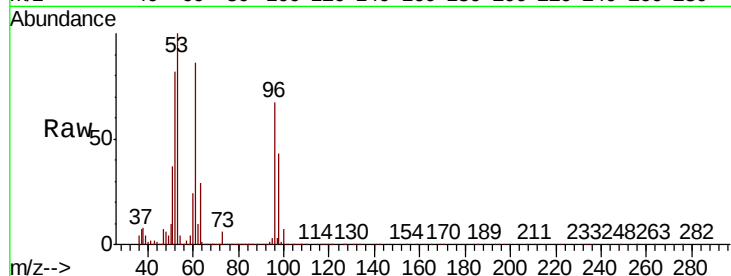
Tgt Ion: 96 Resp: 269053

Ion Ratio Lower Upper

96 100

61 127.9 103.7 155.5

98 63.5 51.0 76.6



#22

Diisopropyl ether

Concen: 46.397 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Tgt Ion: 45 Resp: 811478

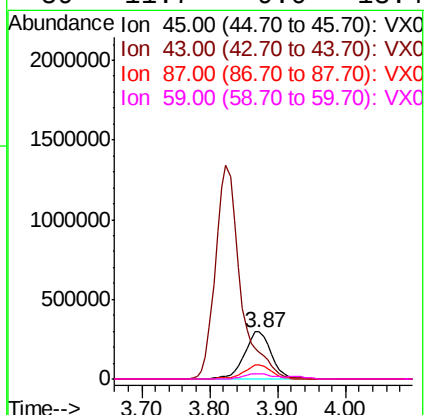
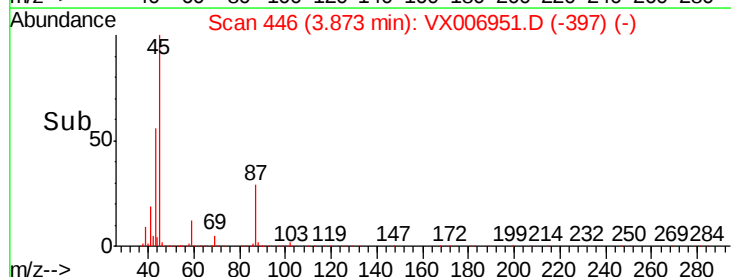
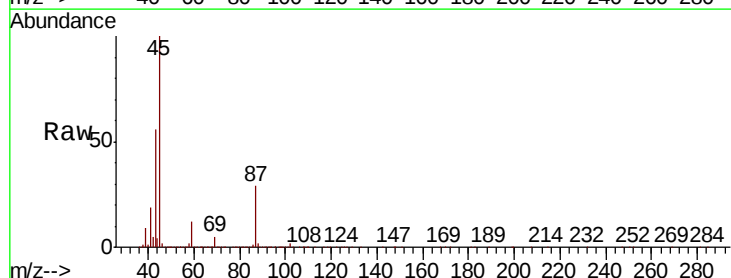
Ion Ratio Lower Upper

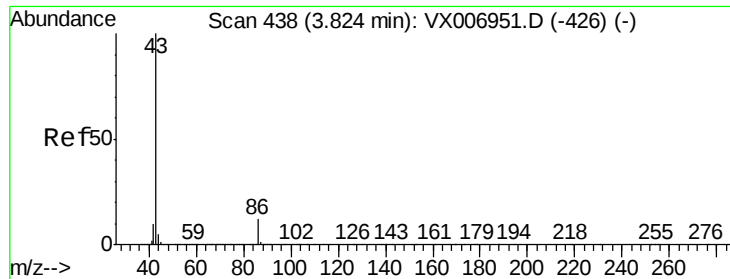
45 100

43 56.0 51.2 76.8

87 29.4 25.8 38.6

59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 233.092 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

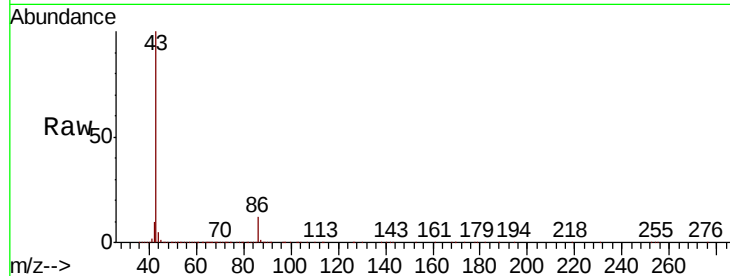
VSTDICCC050

Tgt Ion: 43 Resp: 3438028

Ion Ratio Lower Upper

43 100

86 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

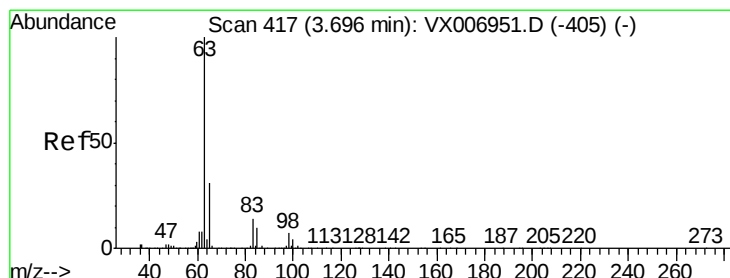
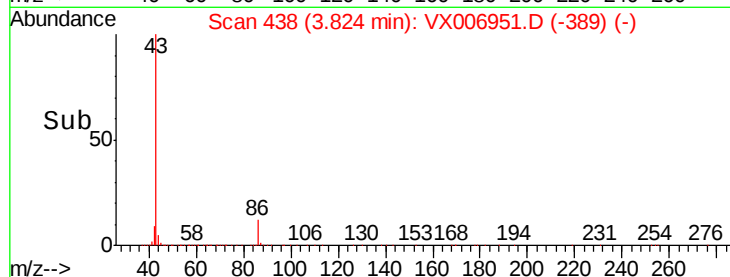
1000000

500000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.308 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

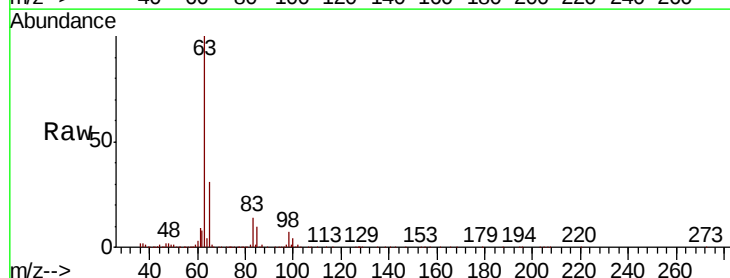
Tgt Ion: 63 Resp: 452879

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.3 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

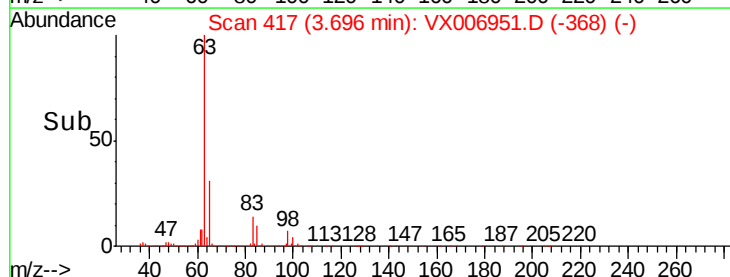
100000

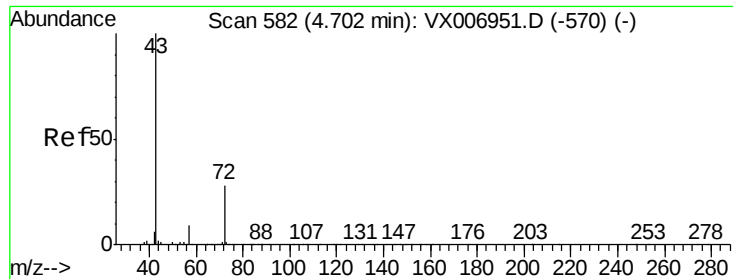
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 232.432 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

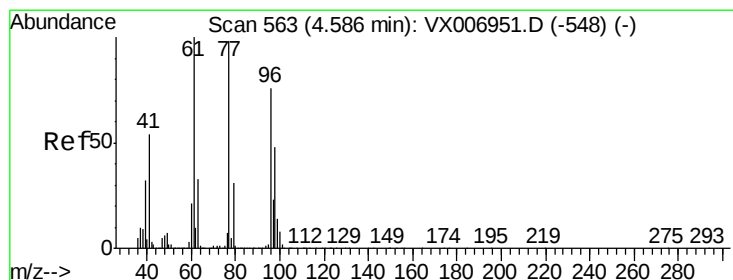
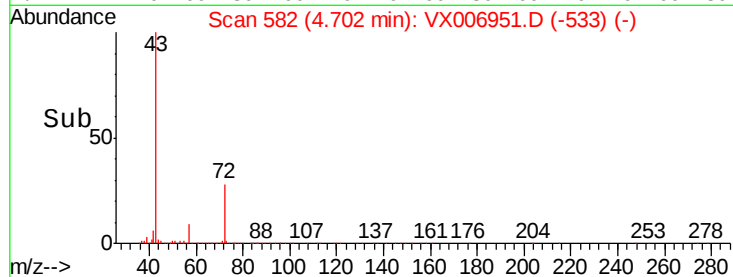
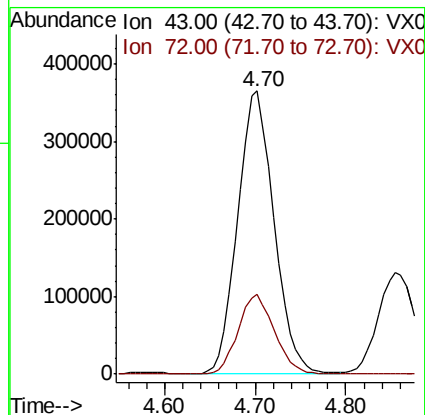
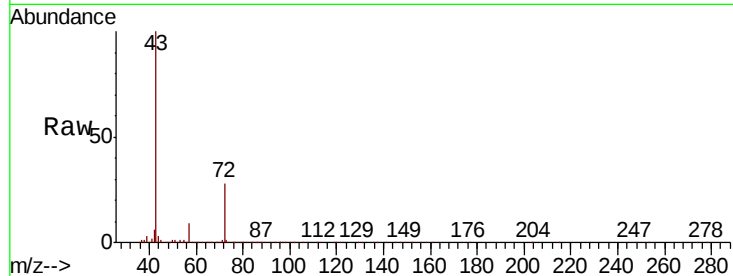
VSTDICCC050

Tgt Ion: 43 Resp: 1014879

Ion Ratio Lower Upper

43 100

72 28.3 22.4 33.6



#26

2,2-Dichloropropane

Concen: 46.092 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006951.D

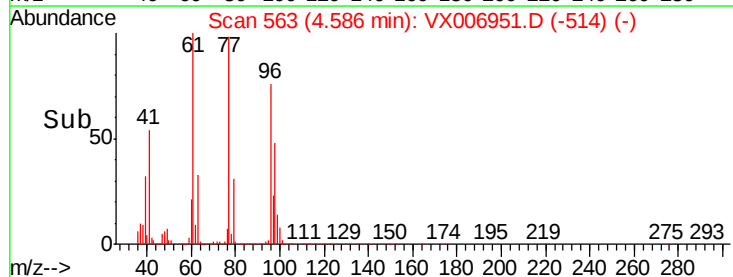
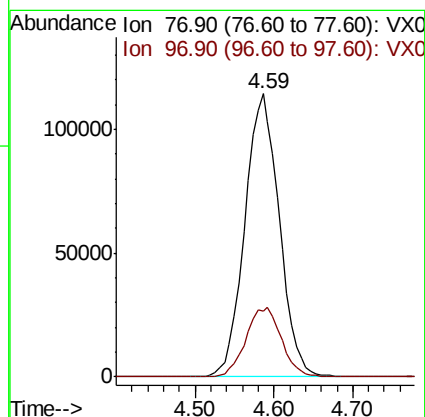
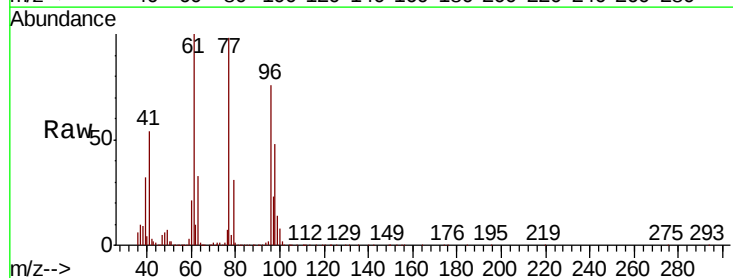
Acq: 08 Jan 2019 12:52

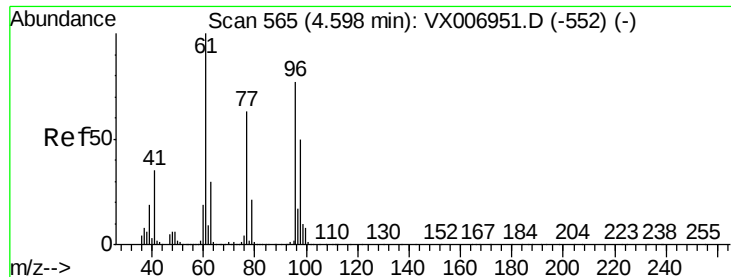
Tgt Ion: 77 Resp: 346628

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



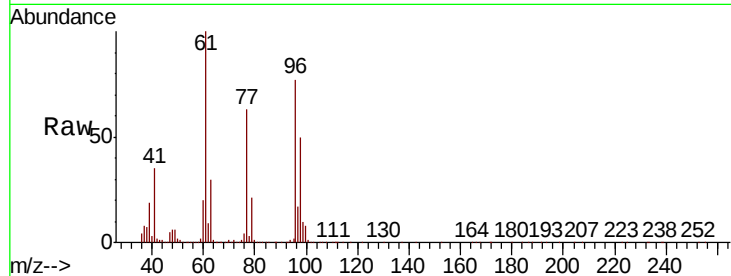


#27

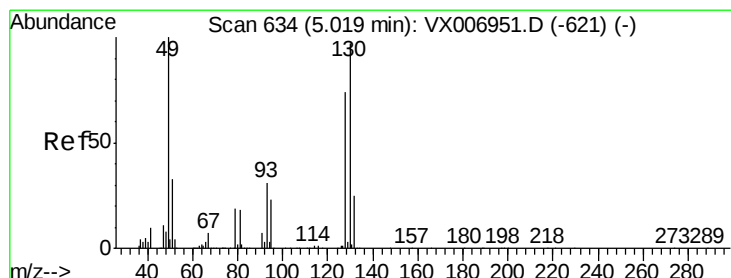
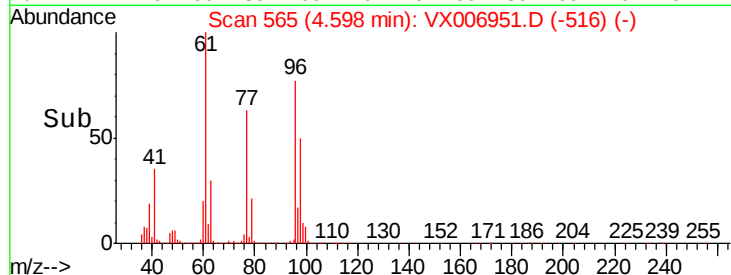
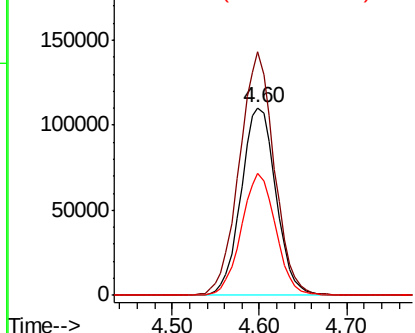
cis-1,2-Dichloroethene
Concen: 45.940 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 306537
Ion Ratio Lower Upper
96 100
61 129.3 0.0 258.6
98 64.1 0.0 132.0



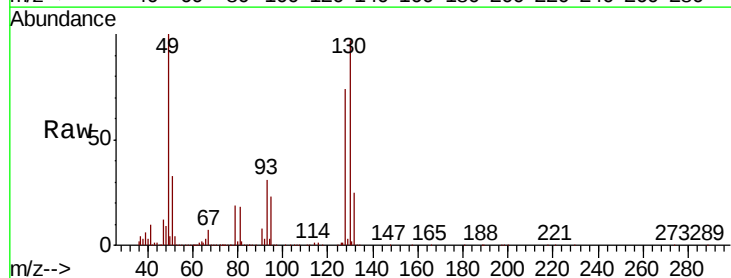
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



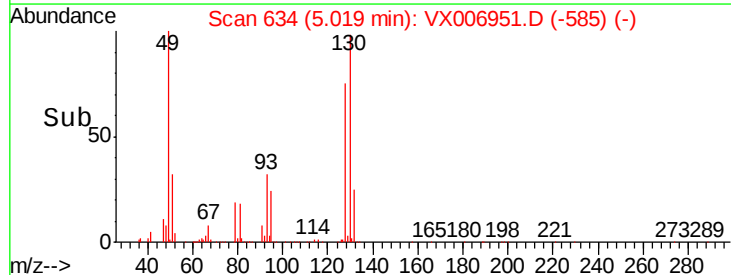
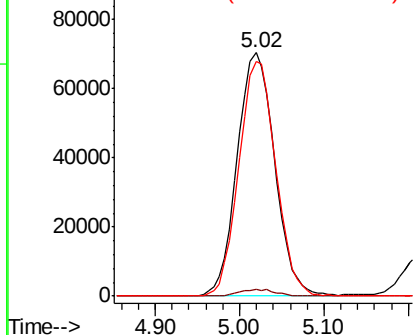
#28

Bromochloromethane
Concen: 49.788 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 49 Resp: 213332
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.4
130 94.7 77.7 116.5



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: 231.168 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

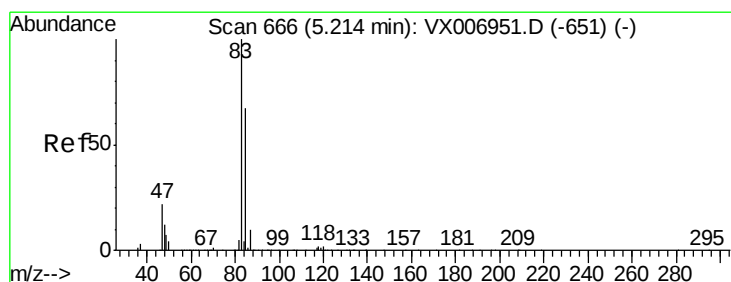
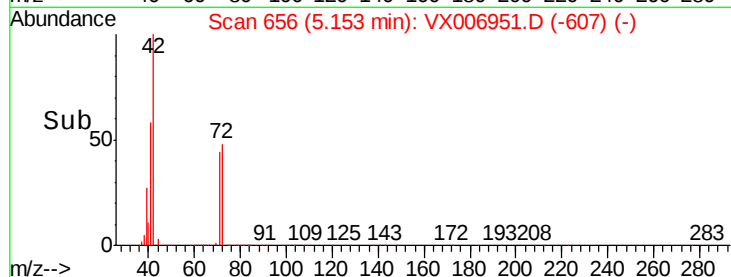
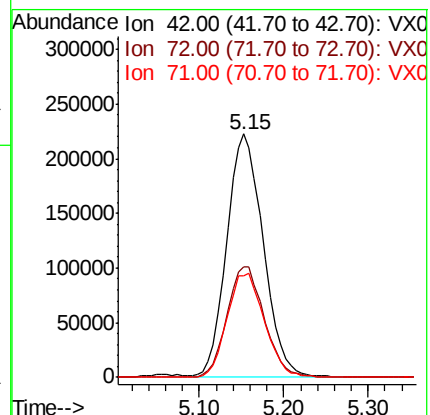
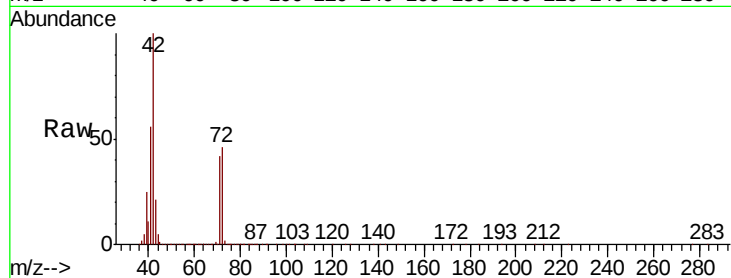
Tgt Ion: 42 Resp: 655957

Ion Ratio Lower Upper

42 100

72 46.8 38.9 58.3

71 43.9 36.2 54.4



#30

Chloroform

Concen: 45.813 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006951.D

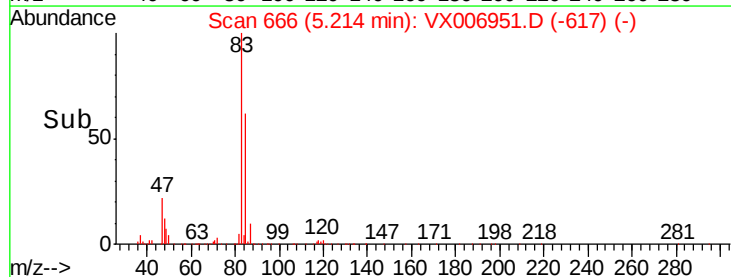
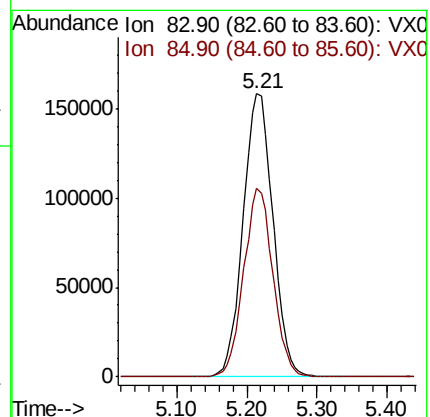
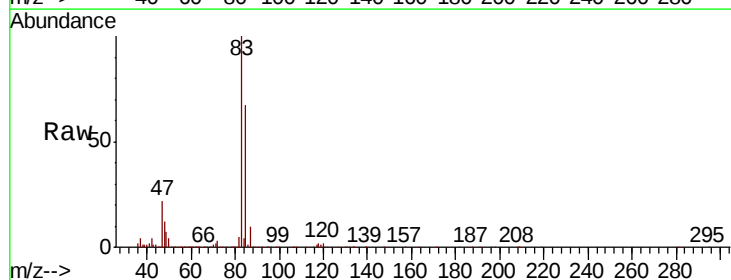
Acq: 08 Jan 2019 12:52

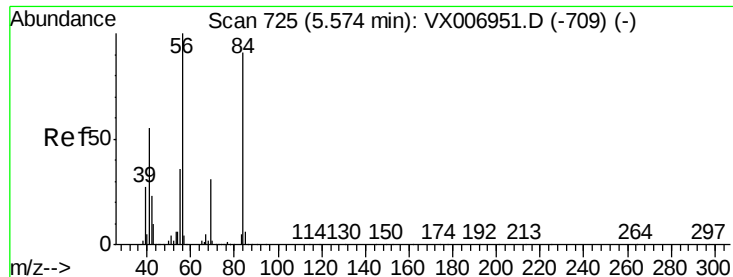
Tgt Ion: 83 Resp: 469098

Ion Ratio Lower Upper

83 100

85 66.5 51.2 76.8

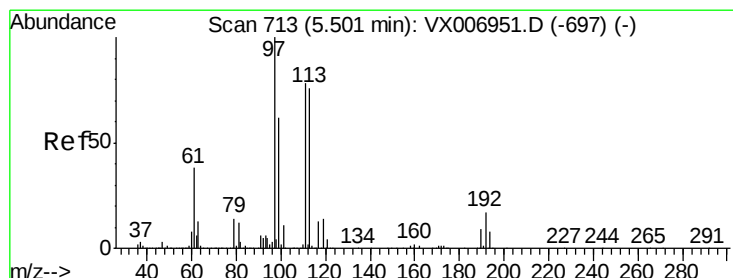
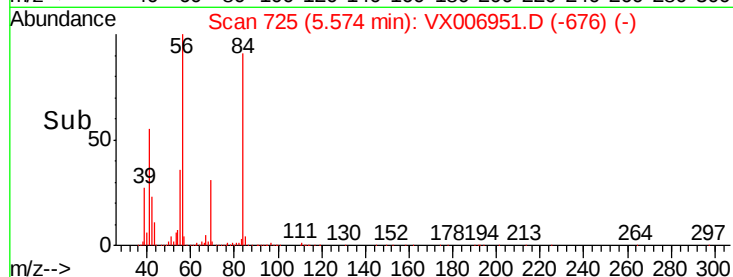
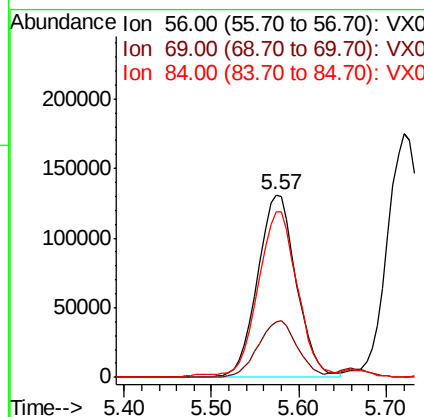
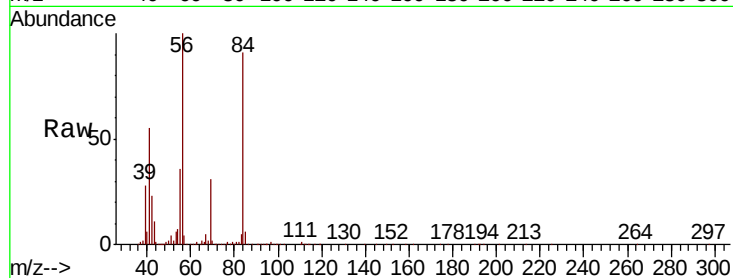




#31
Cyclohexane
Concen: 46.399 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

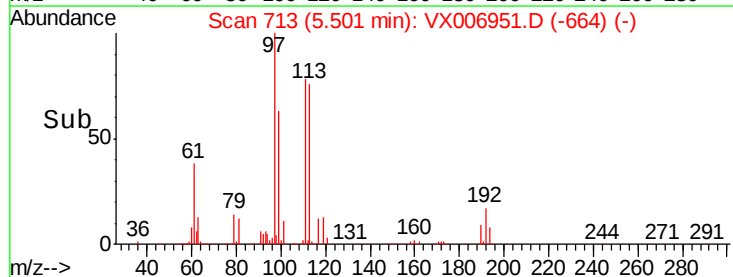
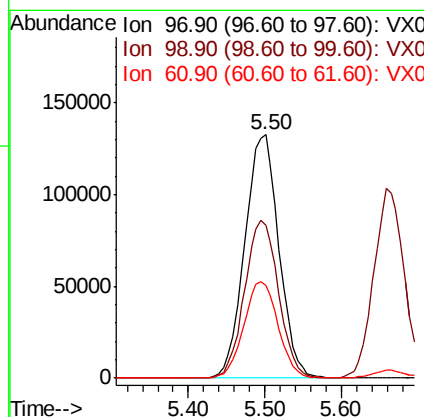
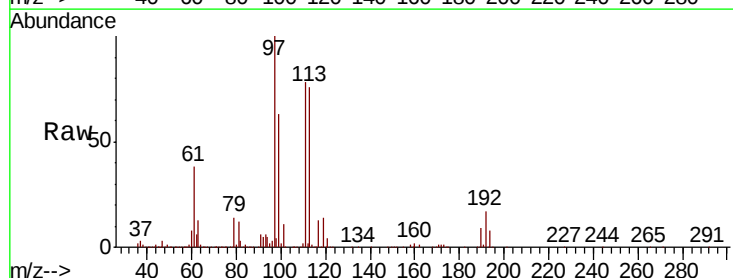
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

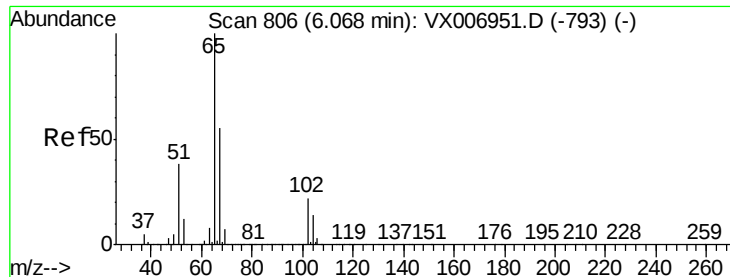
Tgt Ion: 56 Resp: 403876
Ion Ratio Lower Upper
56 100
69 30.6 24.4 36.6
84 90.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.353 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 97 Resp: 410980
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 40.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.346 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

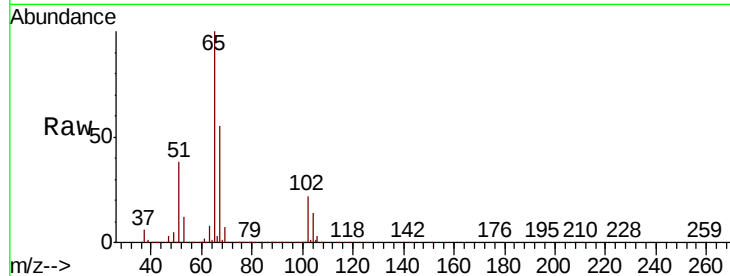
VSTDICCC050

Tgt Ion: 65 Resp: 310766

Ion Ratio Lower Upper

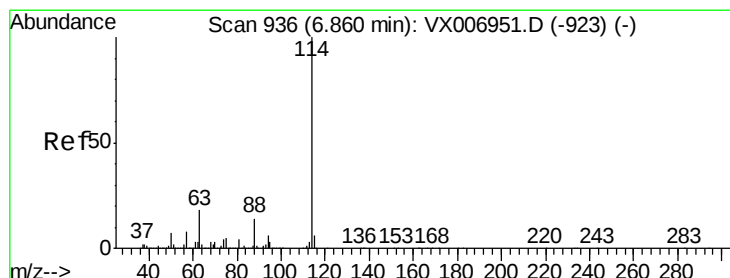
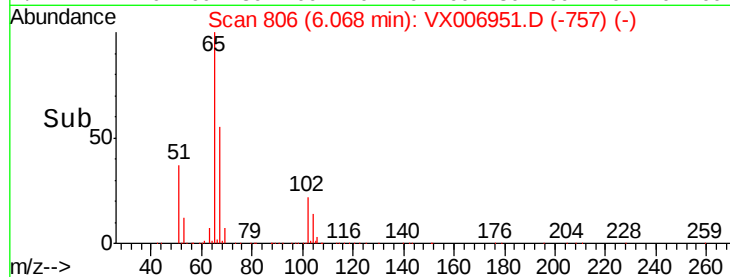
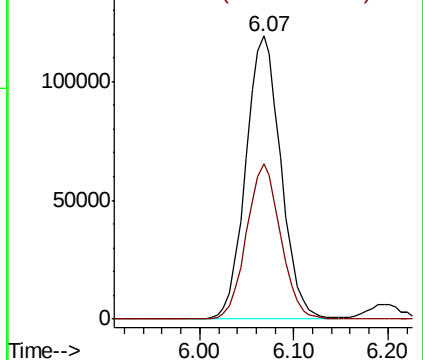
65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

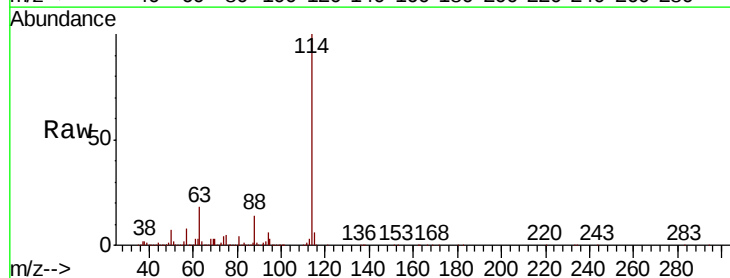
Tgt Ion: 114 Resp: 875470

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

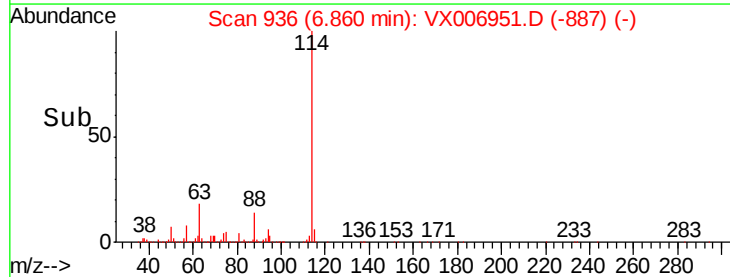
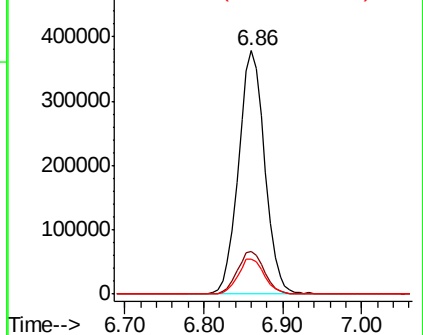
88 14.3 0.0 28.8

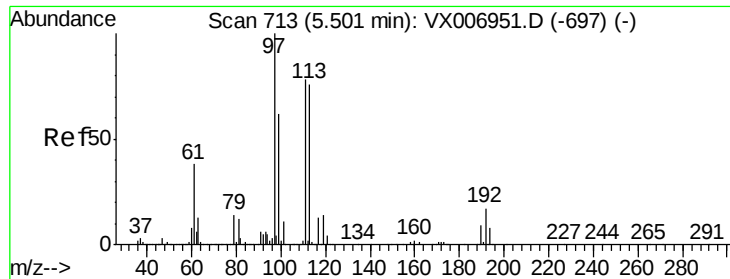


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

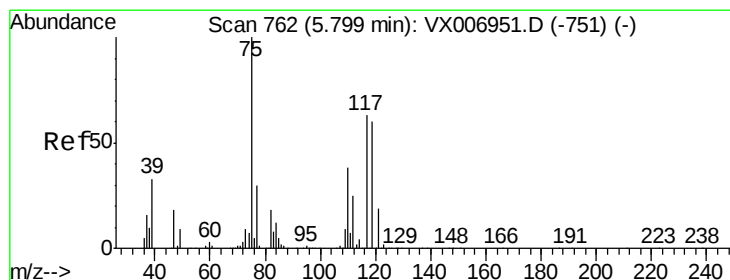
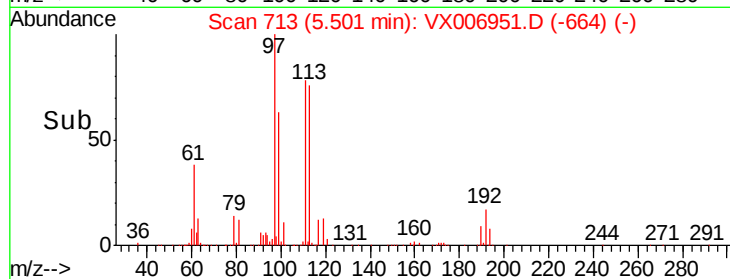
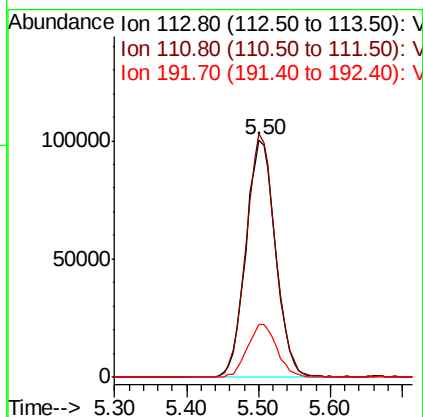
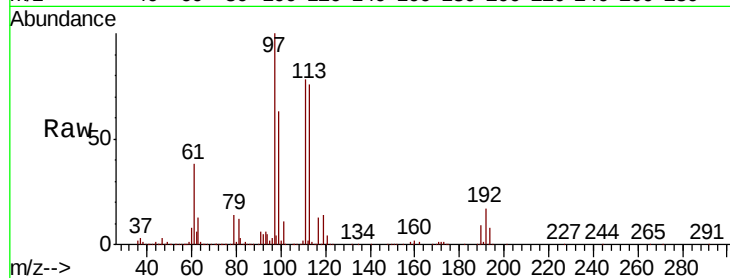




#35
 Dibromofluoromethane
 Concen: 51.025 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

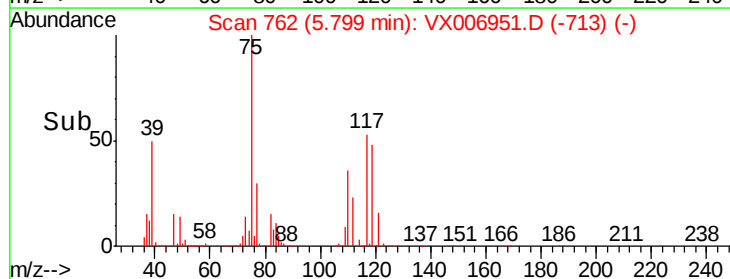
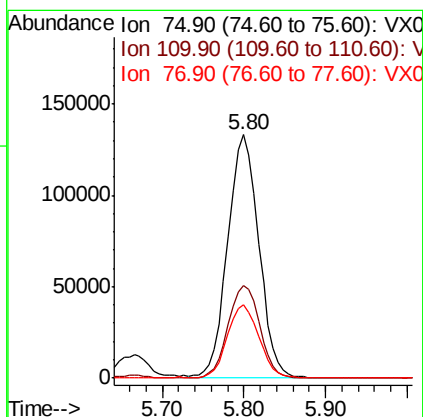
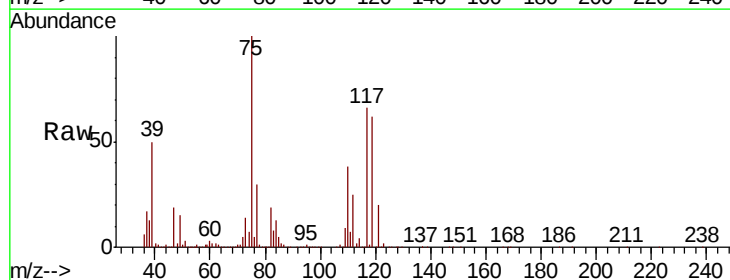
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

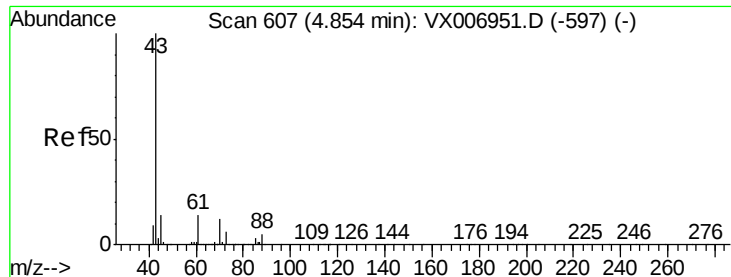
Tgt Ion: 113 Resp: 286069
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.6 122.4
 192 22.3 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 46.028 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion: 75 Resp: 350343
 Ion Ratio Lower Upper
 75 100
 110 38.9 20.2 60.5
 77 30.6 24.8 37.2

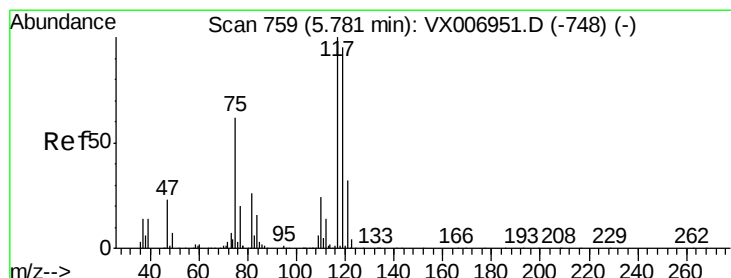
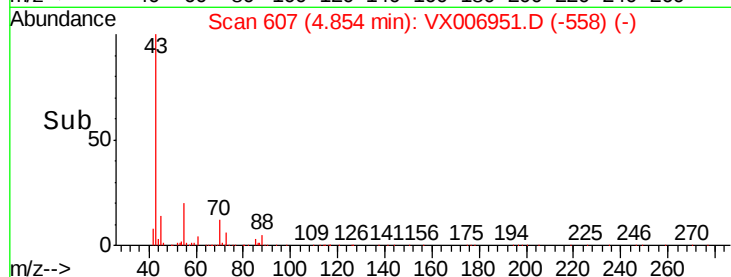
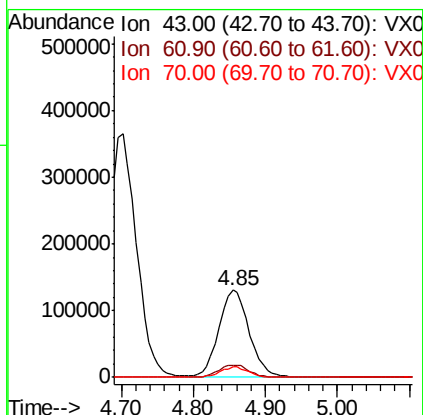
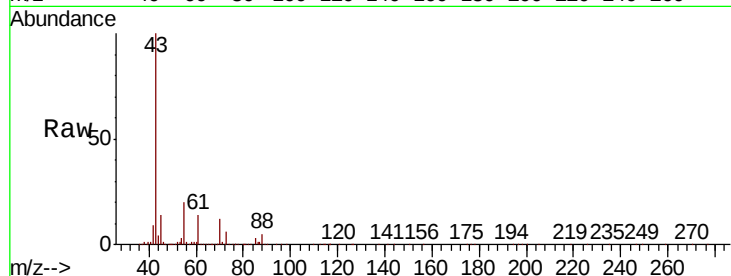




#37
Ethyl Acetate
Concen: 46.857 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

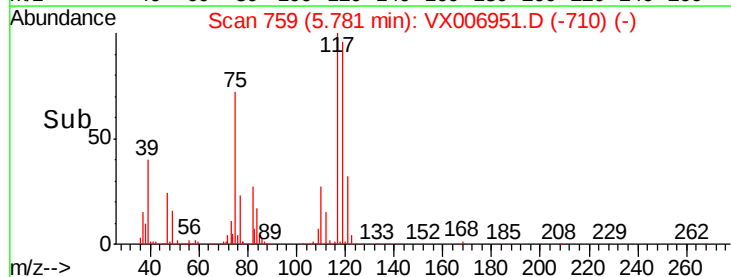
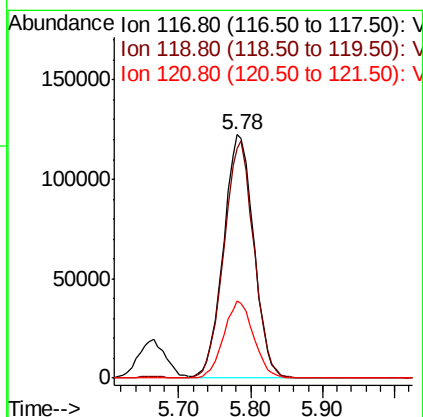
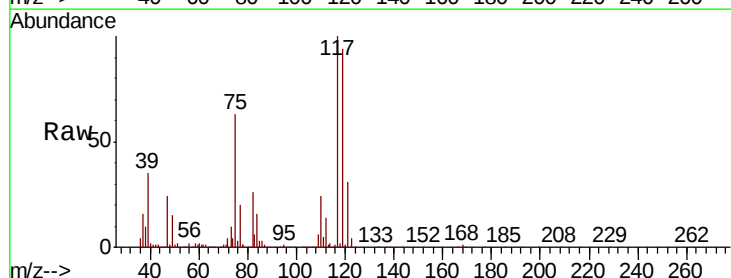
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

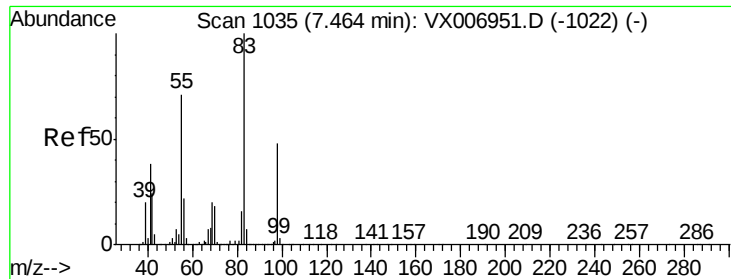
Tgt Ion: 43 Resp: 382367
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 46.703 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 117 Resp: 357654
Ion Ratio Lower Upper
117 100
119 93.9 79.4 119.2
121 31.4 24.0 36.0

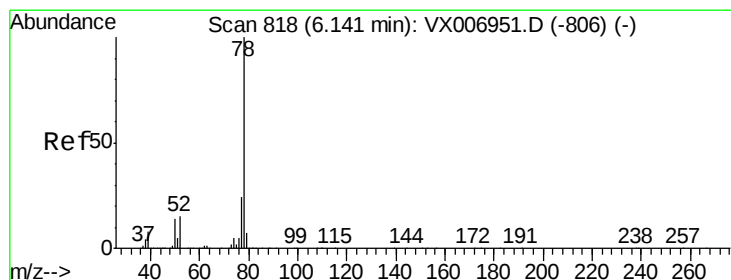
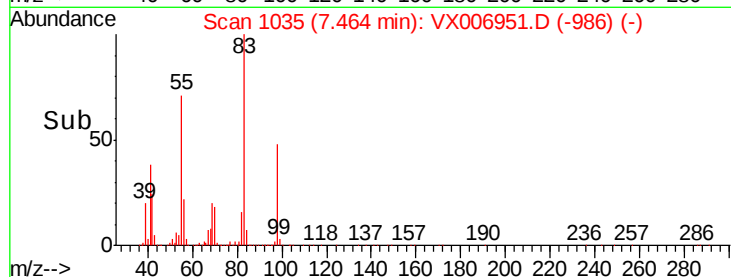
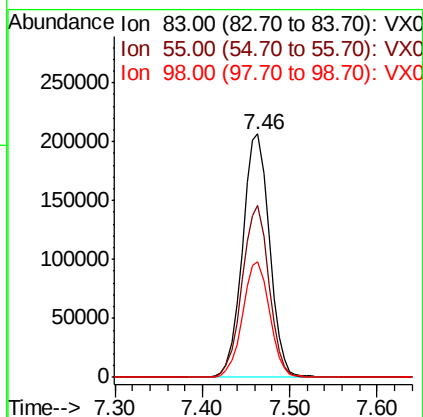
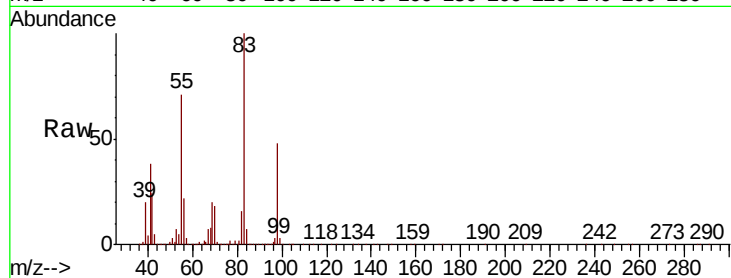




#39
Methylcyclohexane
Concen: 45.583 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

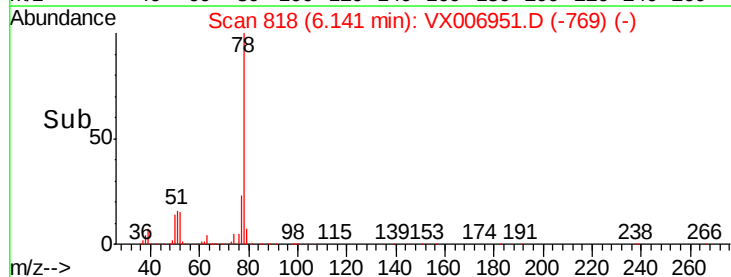
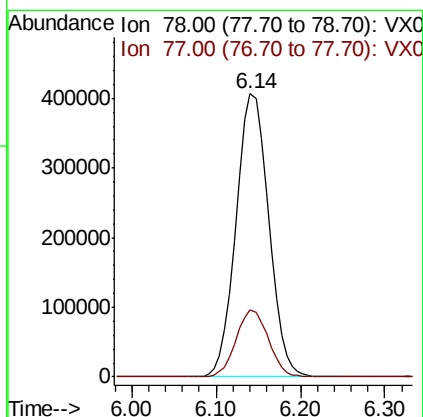
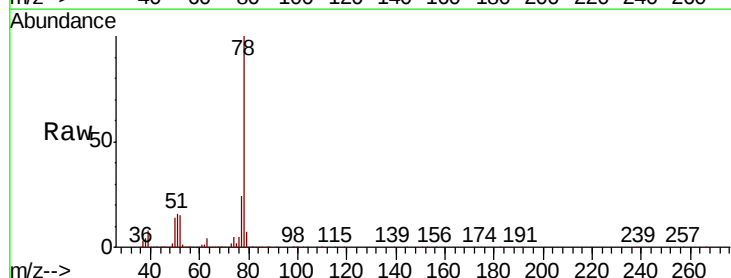
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

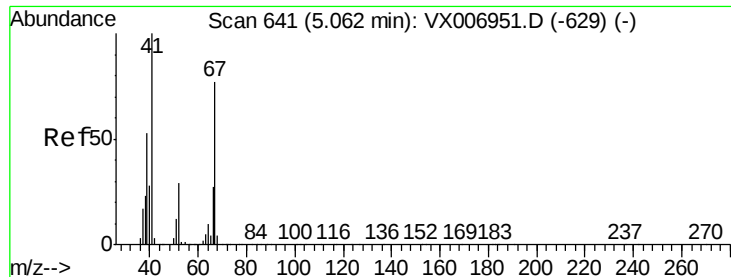
Tgt Ion: 83 Resp: 442319
Ion Ratio Lower Upper
83 100
55 70.9 54.9 82.3
98 47.7 37.9 56.9



#40
Benzene
Concen: 45.981 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 78 Resp: 1067914
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 43.858 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 206171

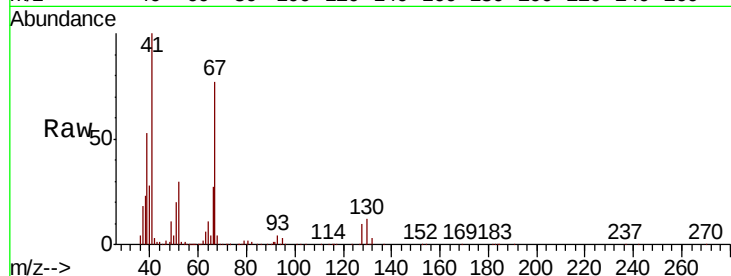
Ion Ratio Lower Upper

41 100

39 53.7 42.8 64.2

67 76.3 62.1 93.1

52 30.2 23.4 35.0

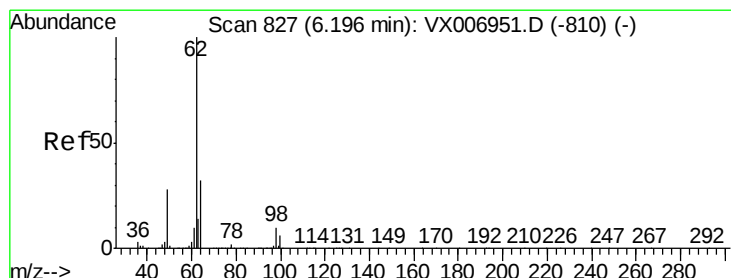
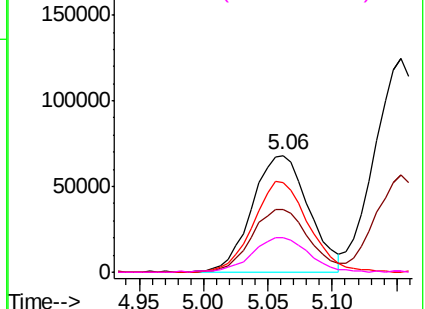
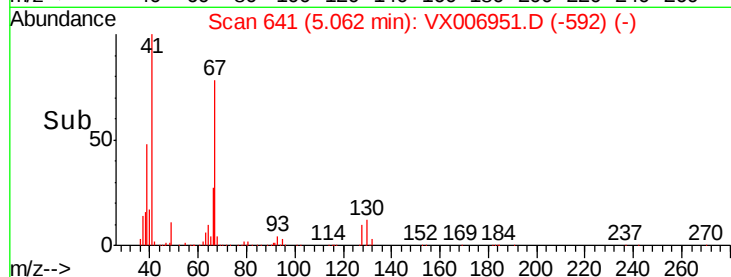


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.184 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006951.D

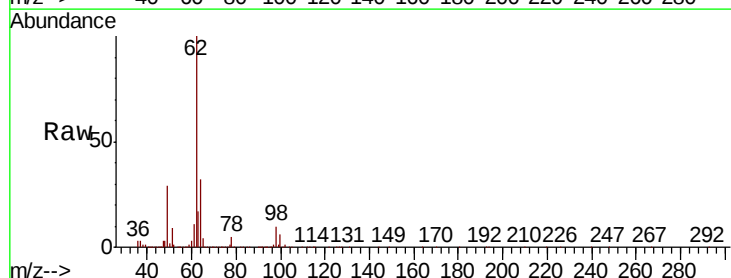
Acq: 08 Jan 2019 12:52

Tgt Ion: 62 Resp: 362628

Ion Ratio Lower Upper

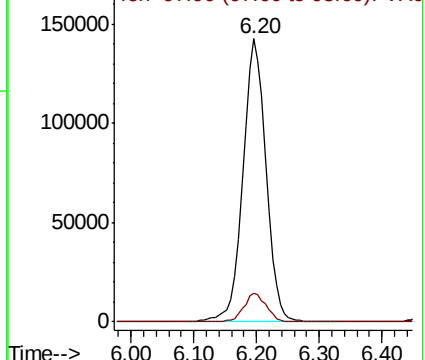
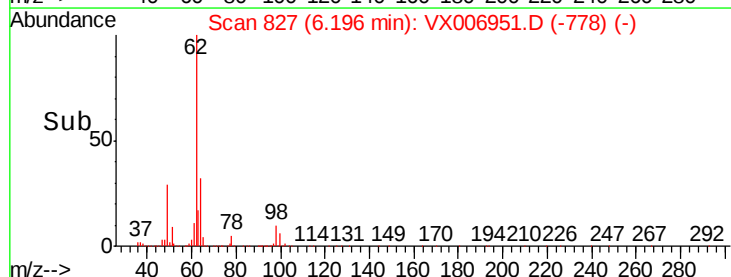
62 100

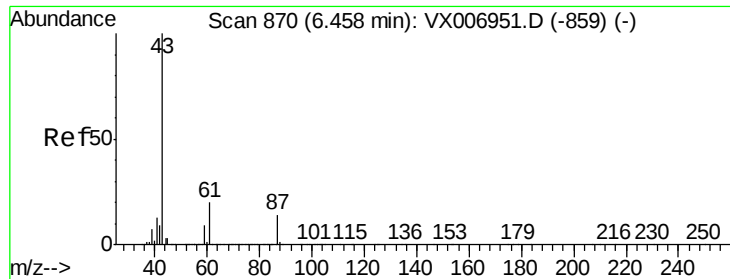
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.417 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

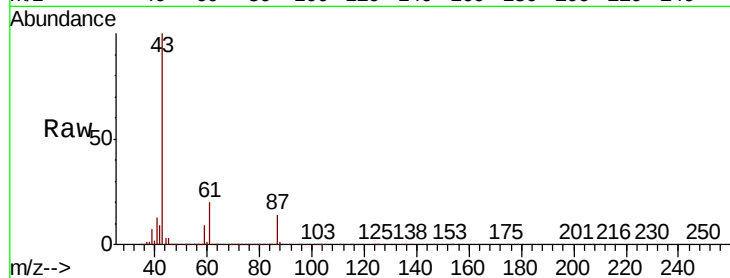
Tgt Ion: 43 Resp: 610334

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

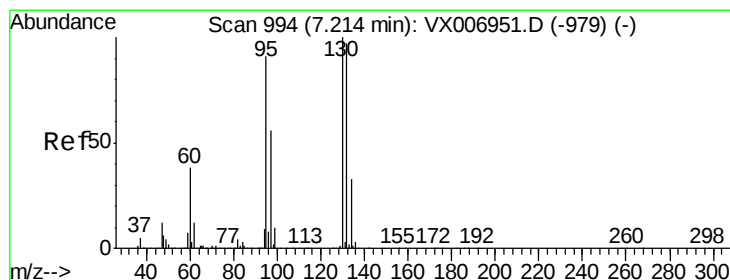
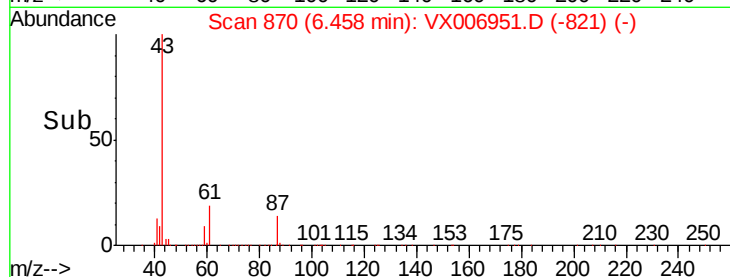
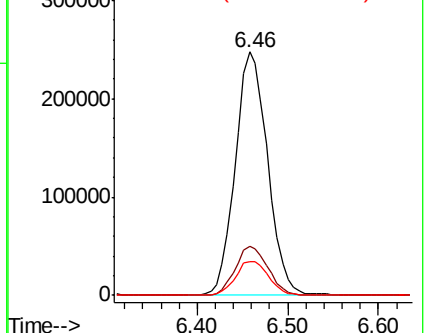
87 14.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.214 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006951.D

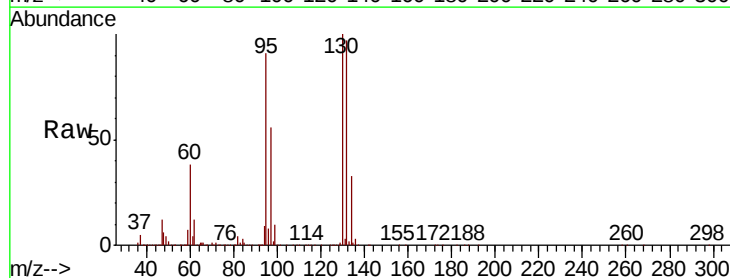
Acq: 08 Jan 2019 12:52

Tgt Ion: 130 Resp: 314670

Ion Ratio Lower Upper

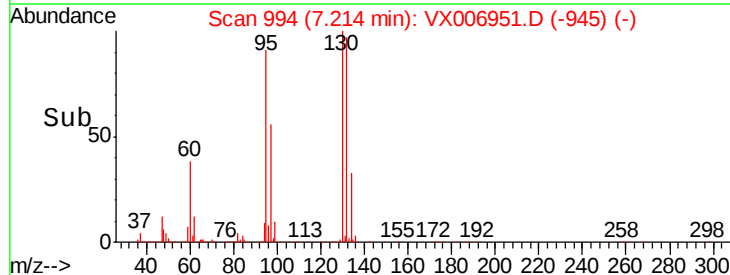
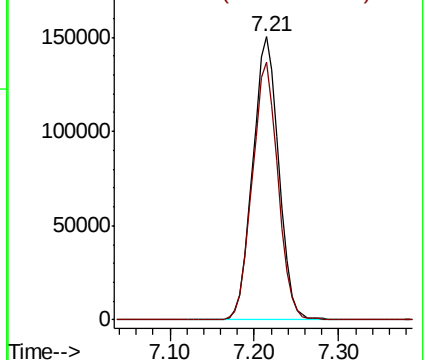
130 100

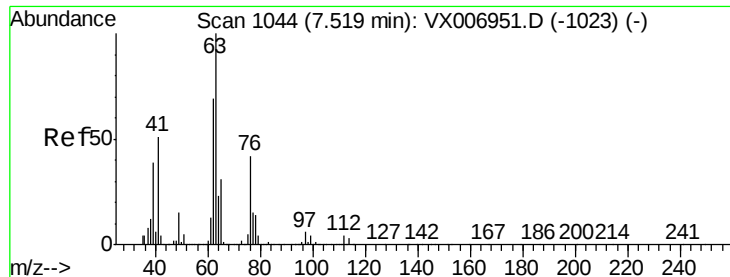
95 91.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.369 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampled :

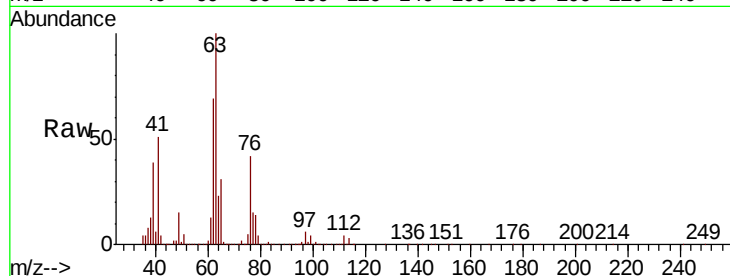
VSTDICCC050

Tgt Ion: 63 Resp: 270739

Ion Ratio Lower Upper

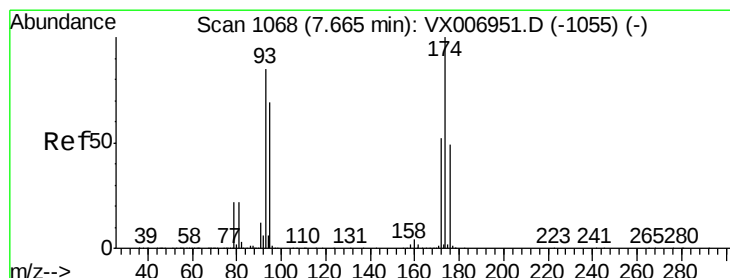
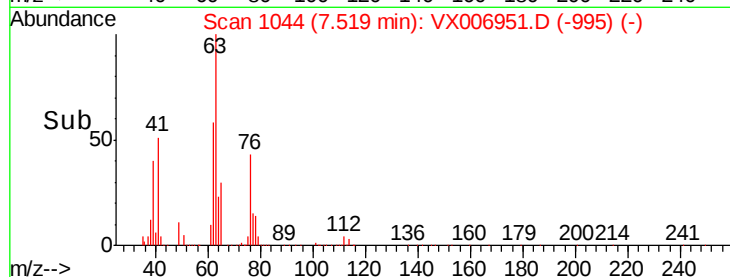
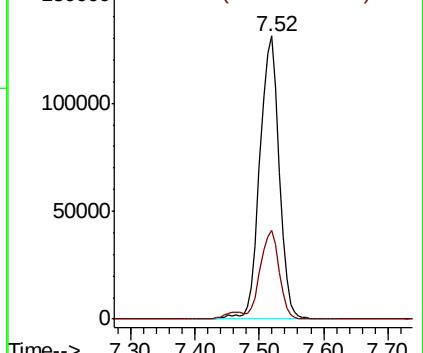
63 100

65 31.2 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.356 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

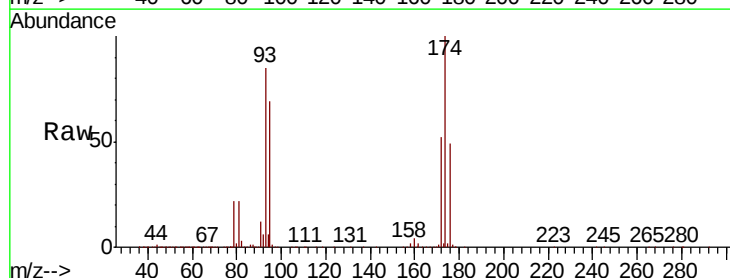
Tgt Ion: 93 Resp: 190226

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

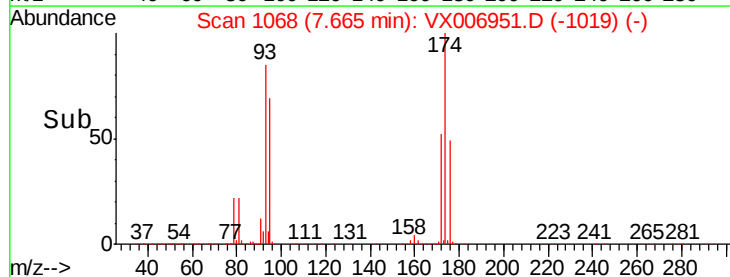
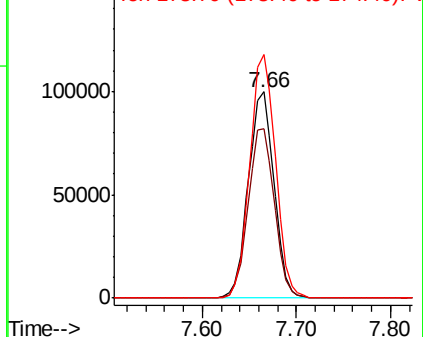
174 118.5 91.0 136.4

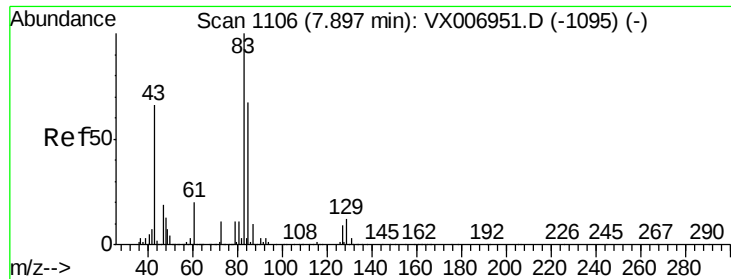


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.835 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

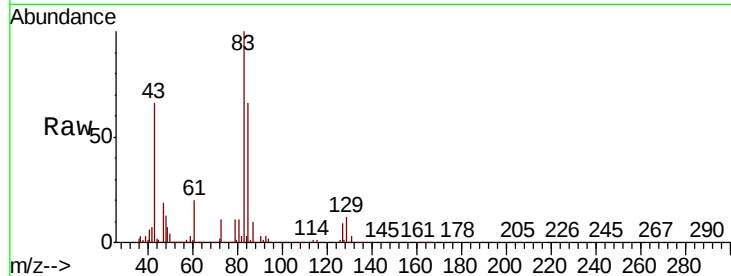
Tgt Ion: 83 Resp: 334123

Ion Ratio Lower Upper

83 100

85 66.4 53.2 79.8

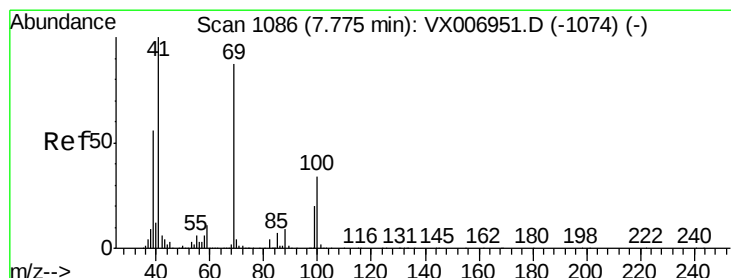
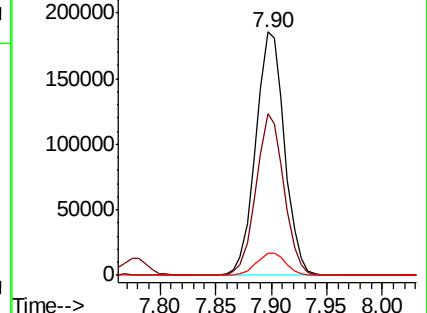
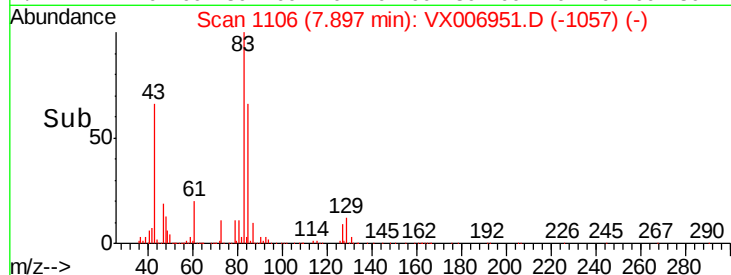
127 9.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.626 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

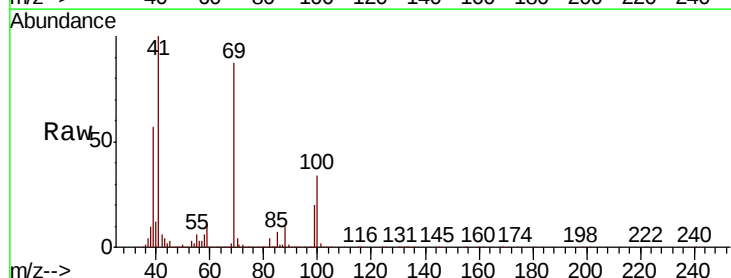
Tgt Ion: 41 Resp: 308199

Ion Ratio Lower Upper

41 100

69 87.5 72.4 108.6

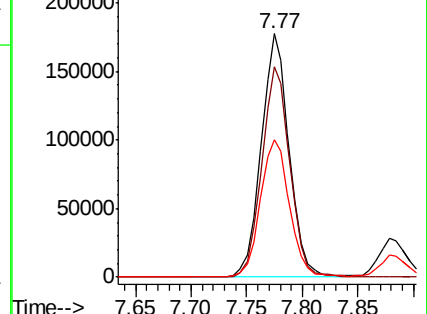
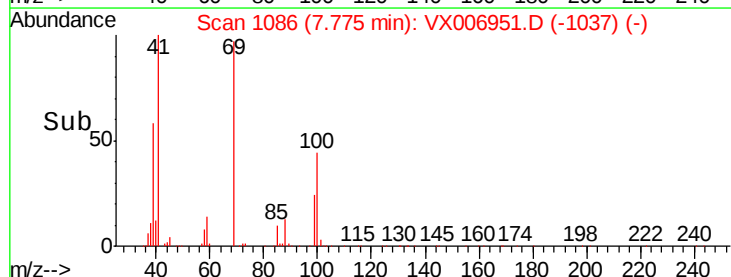
39 59.0 45.8 68.8

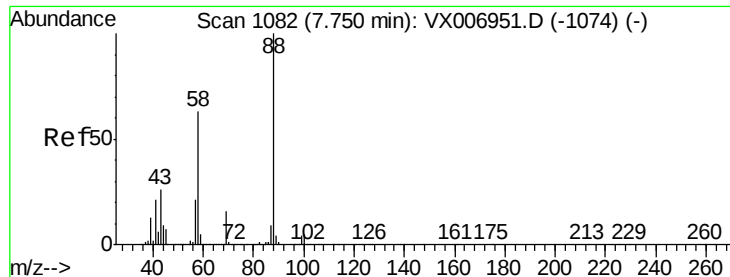


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 943.406 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

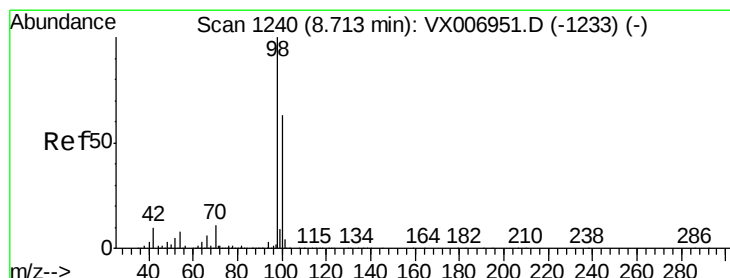
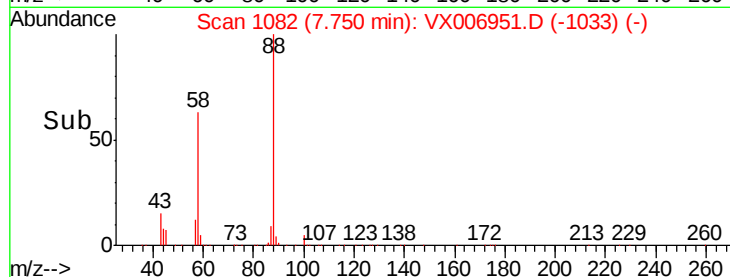
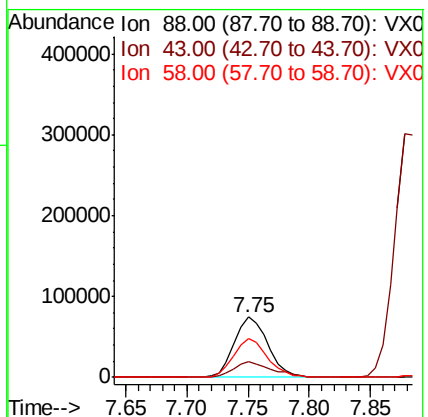
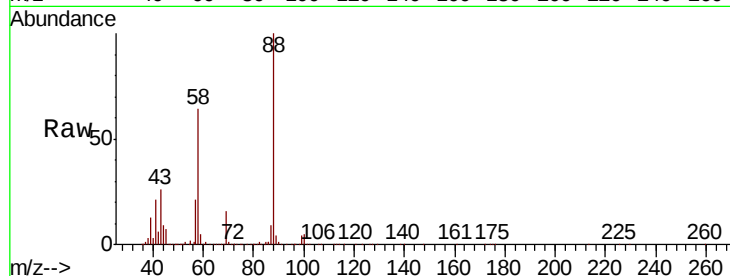
Tgt Ion: 88 Resp: 142484

Ion Ratio Lower Upper

88 100

43 29.7 22.2 33.4

58 64.4 51.0 76.4



#50

Toluene-d8

Concen: 51.475 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006951.D

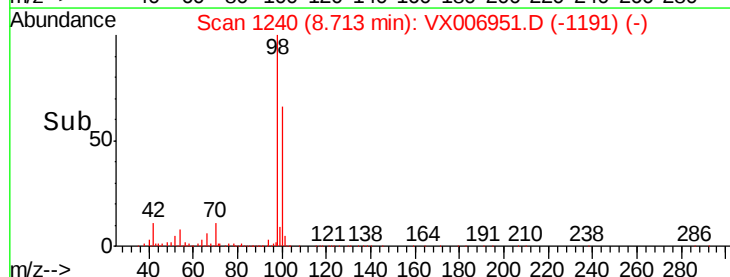
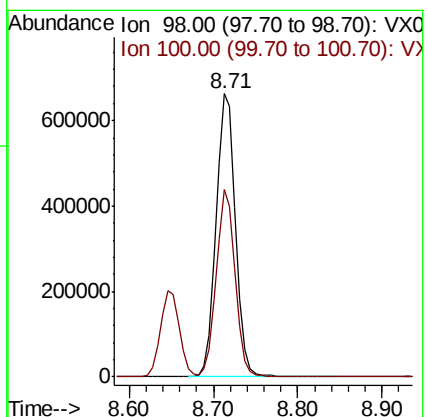
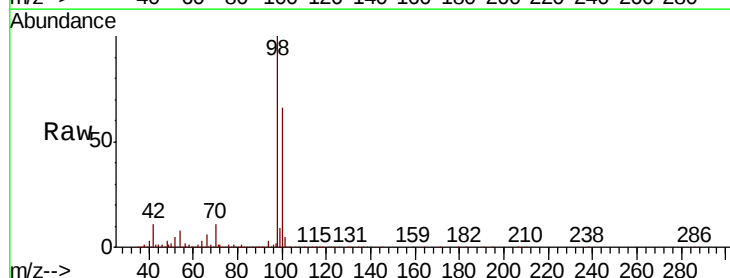
Acq: 08 Jan 2019 12:52

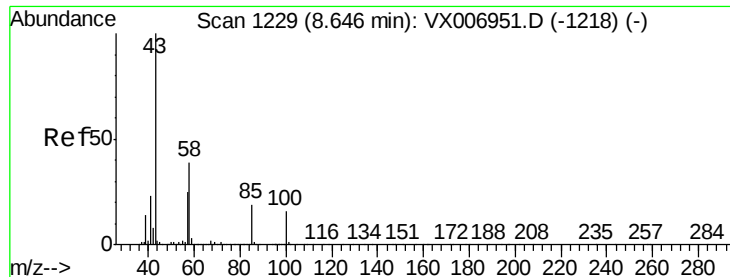
Tgt Ion: 98 Resp: 1056338

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

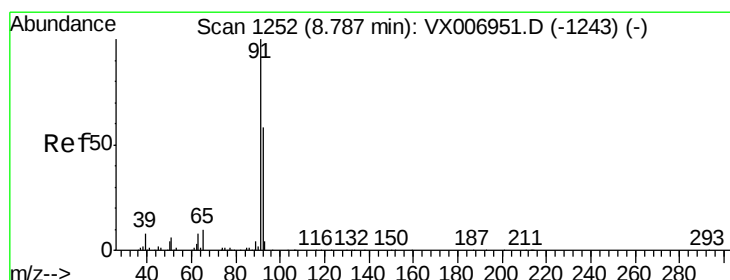
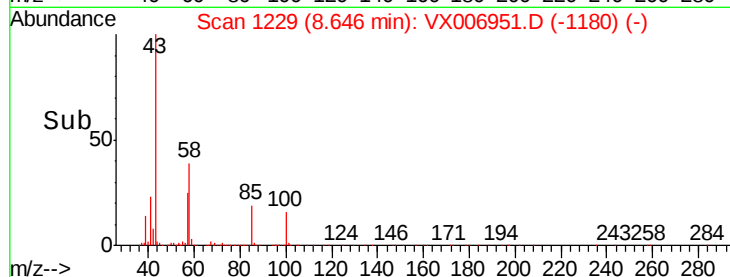
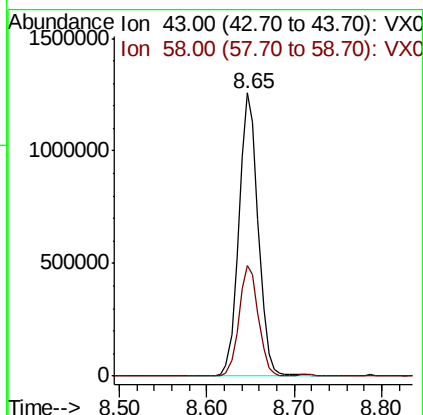
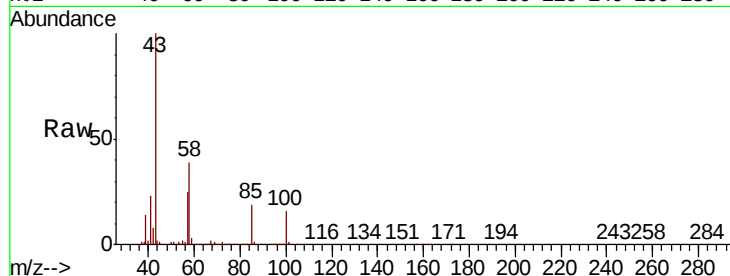




#51
 4-Methyl-2-Pentanone
 Concen: 234.633 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

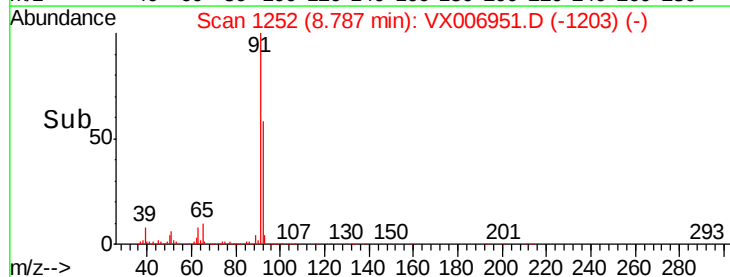
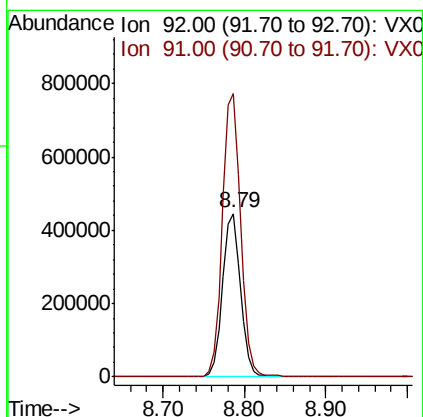
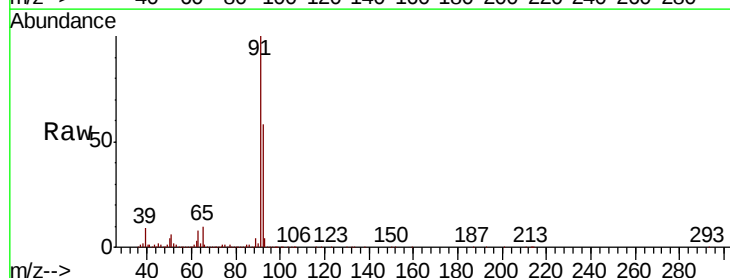
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

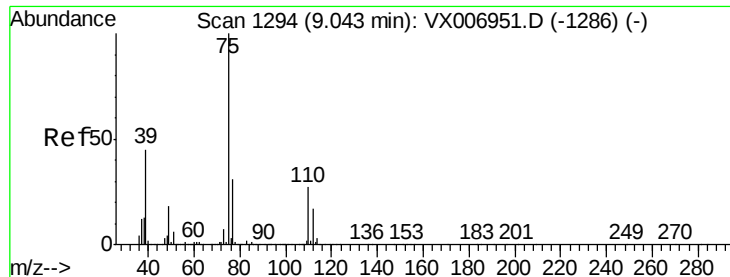
Tgt Ion: 43 Resp: 1940899
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.8 47.6



#52
 Toluene
 Concen: 45.889 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion: 92 Resp: 685002
 Ion Ratio Lower Upper
 92 100
 91 175.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.245 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

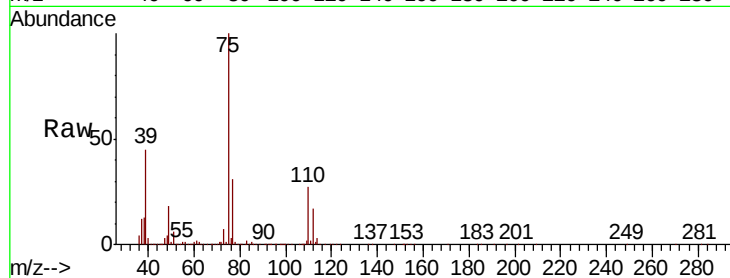
VSTDICCC050

Tgt Ion: 75 Resp: 381417

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

300000

250000

200000

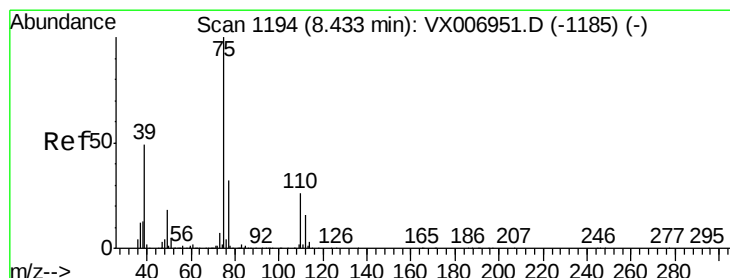
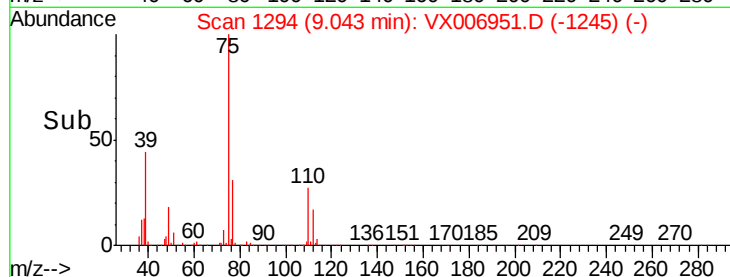
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 48.624 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

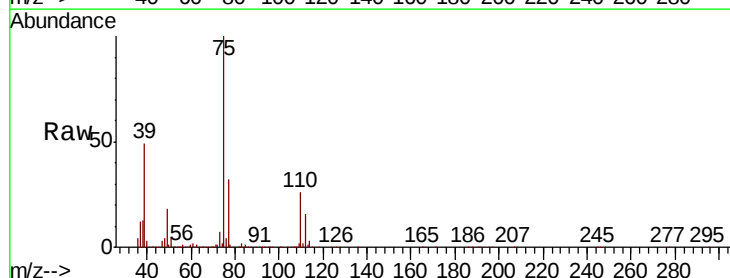
Tgt Ion: 75 Resp: 415902

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

39 48.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

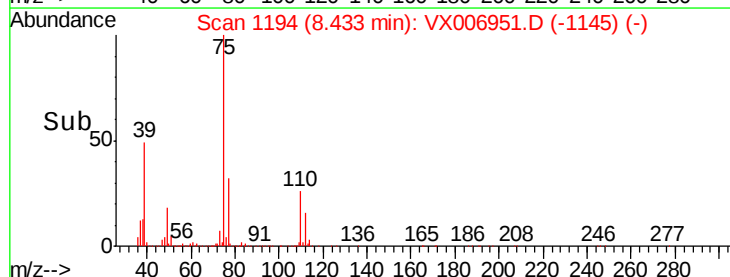
300000

200000

100000

0

Time--> 8.30 8.40 8.50 8.60

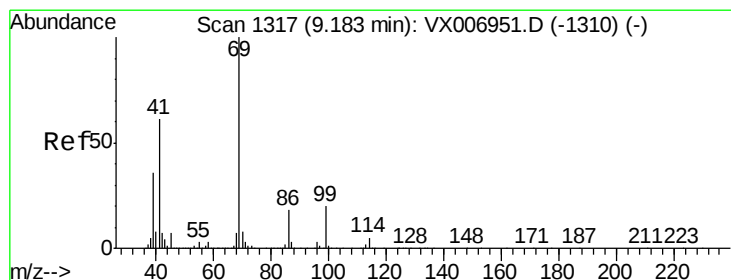
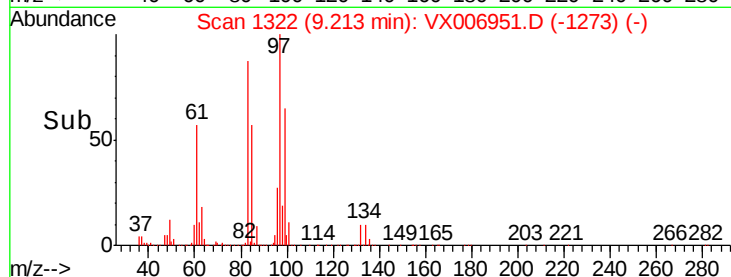
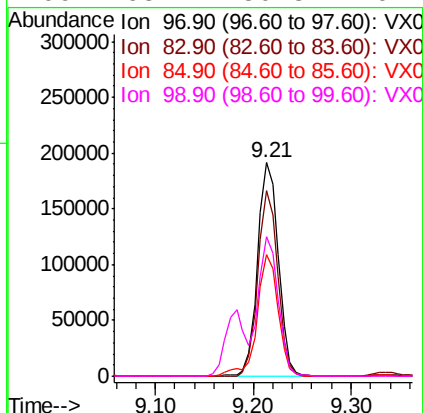
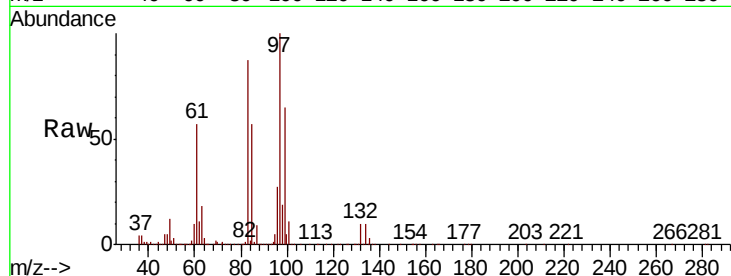




#55
 1,1,2-Trichloroethane
 Concen: 47.580 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

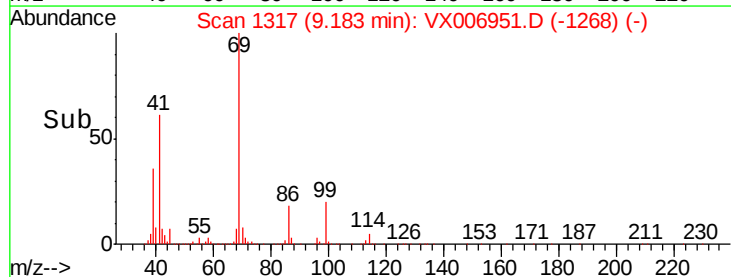
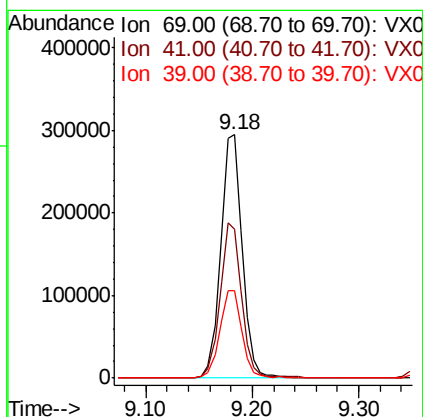
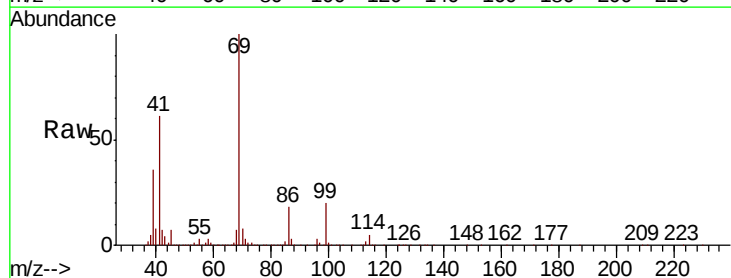
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

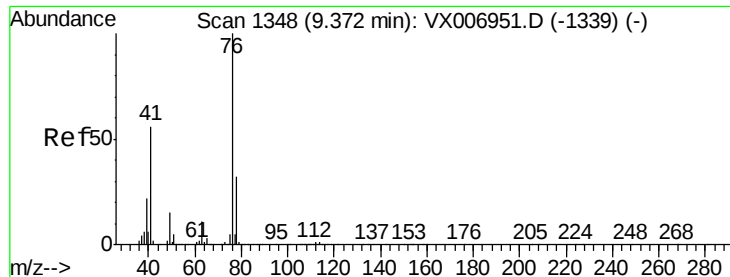
Tgt Ion:	97	Resp:	284289
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.6	99.8
85	56.7	42.7	64.1
99	65.2	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 47.649 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion:	69	Resp:	415625
Ion	Ratio	Lower	Upper
69	100		
41	63.1	48.7	73.1
39	36.7	27.0	40.6





#57

1,3-Dichloropropane

Concen: 46.684 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

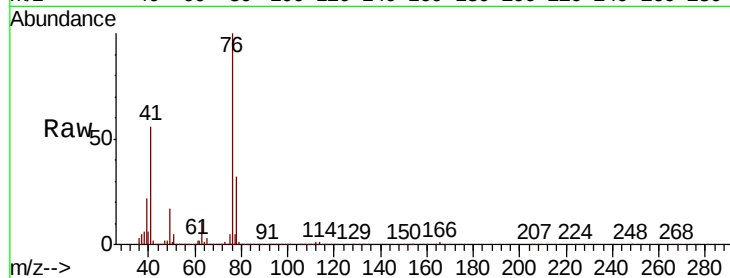
VSTDICCC050

Tgt Ion: 76 Resp: 456966

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

300000

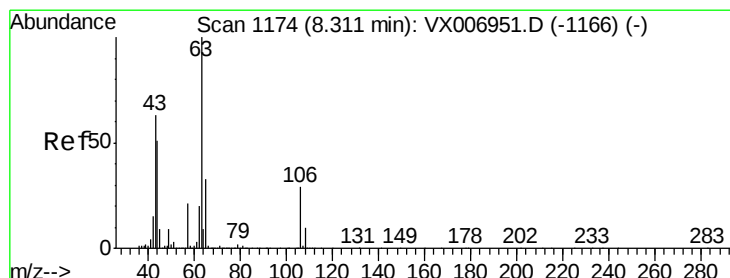
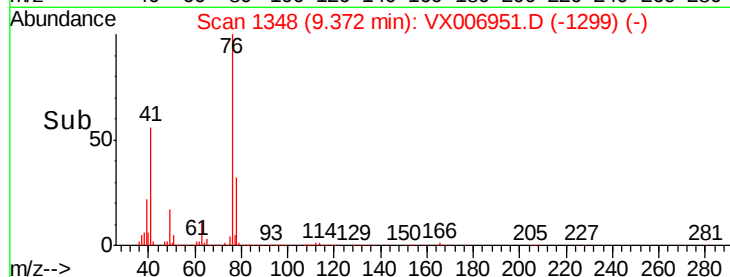
200000

100000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 252.755 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006951.D

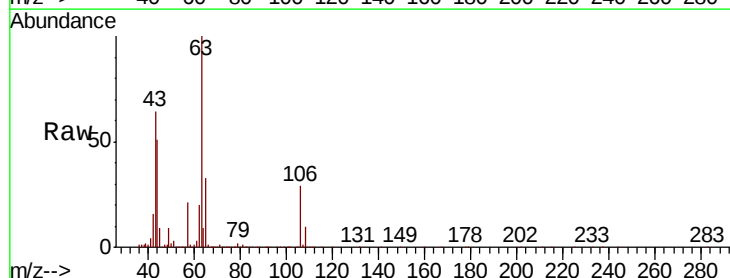
Acq: 08 Jan 2019 12:52

Tgt Ion: 63 Resp: 1133553

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

800000

600000

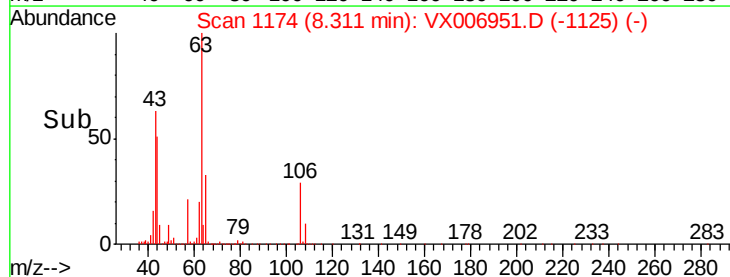
400000

200000

0

Time-->

8.20 8.30 8.40

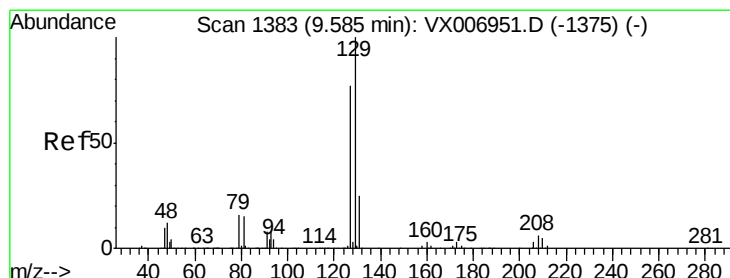
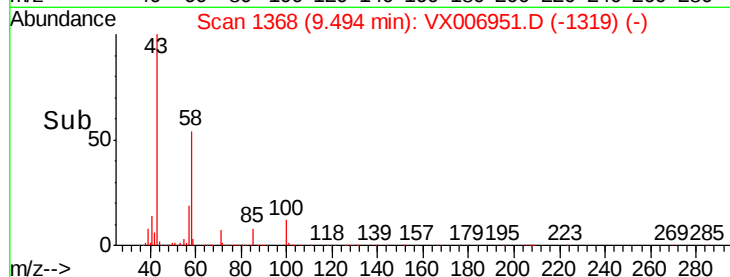
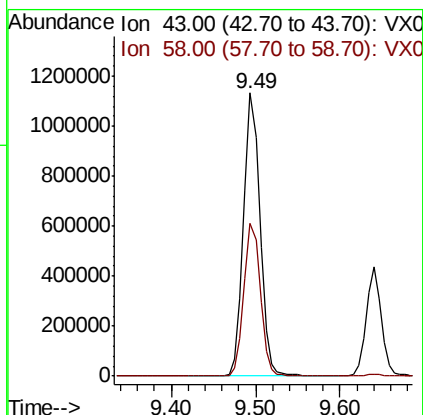
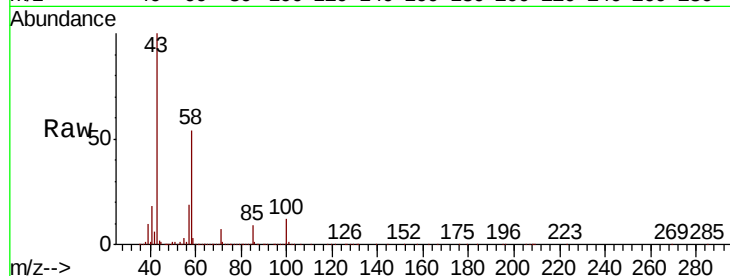




#59
2-Hexanone
Concen: 233.228 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

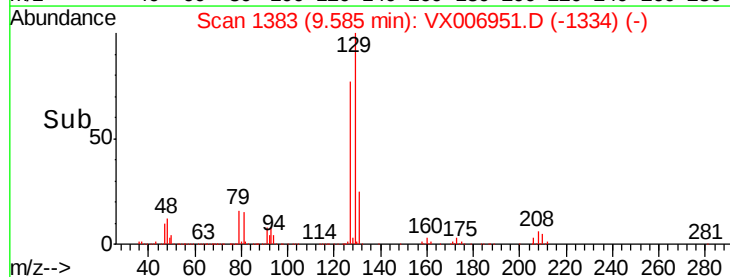
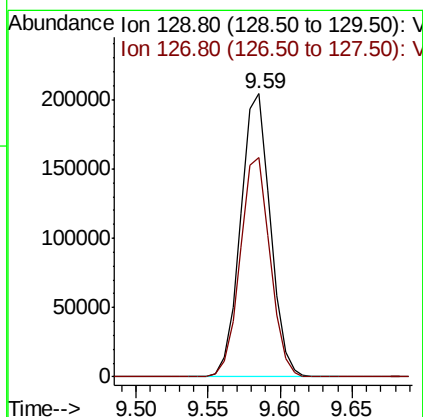
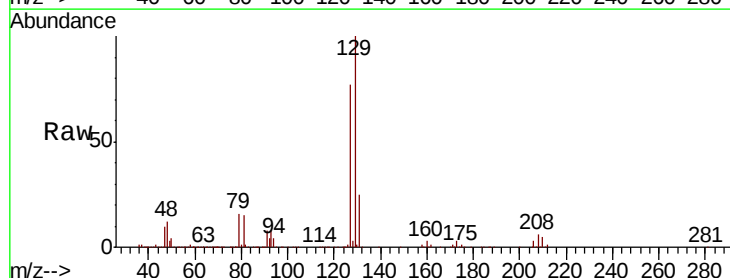
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

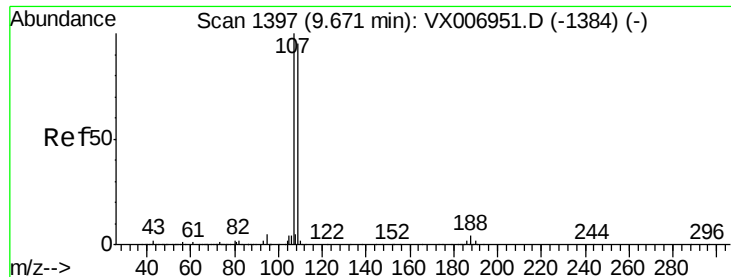
Tgt Ion: 43 Resp: 1470218
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 50.495 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 129 Resp: 292962
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 47.263 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

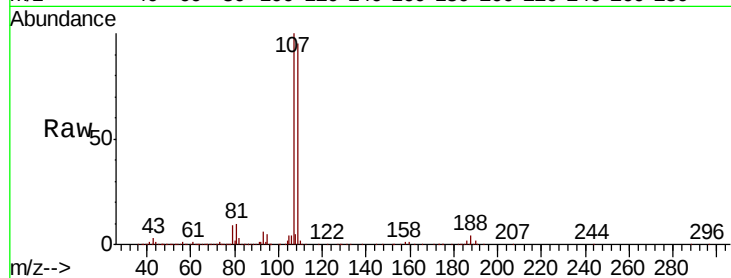
VSTDICCC050

Tgt Ion: 107 Resp: 310885

Ion Ratio Lower Upper

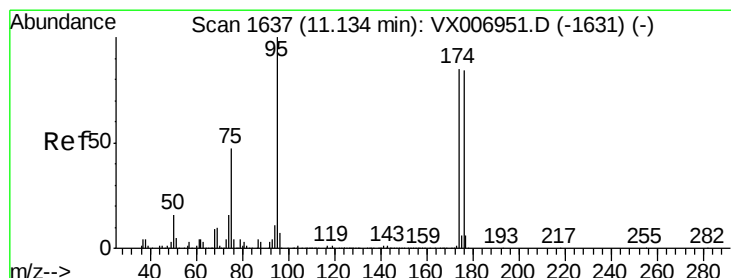
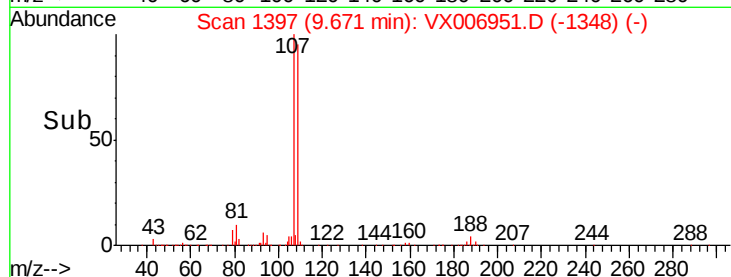
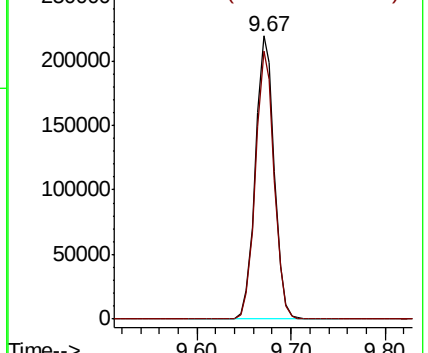
107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.351 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

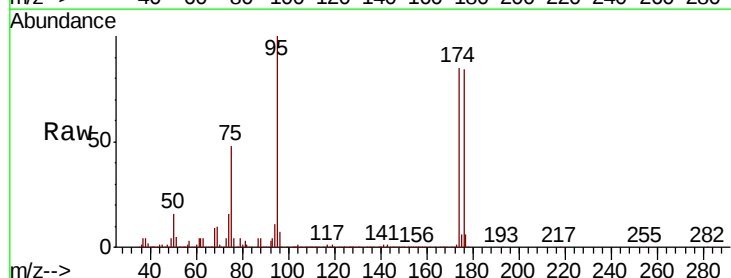
Tgt Ion: 95 Resp: 367378

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.2

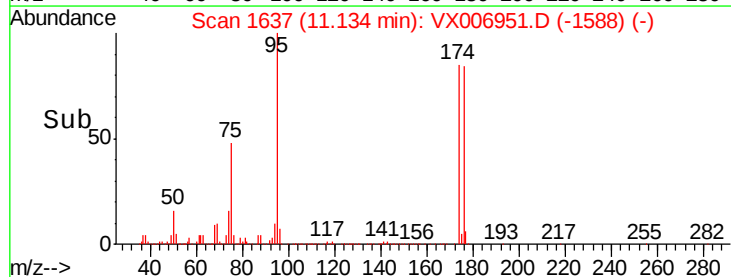
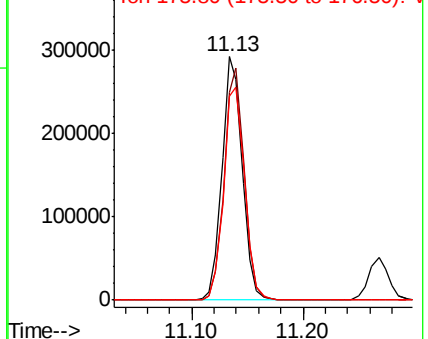
176 90.7 0.0 178.8

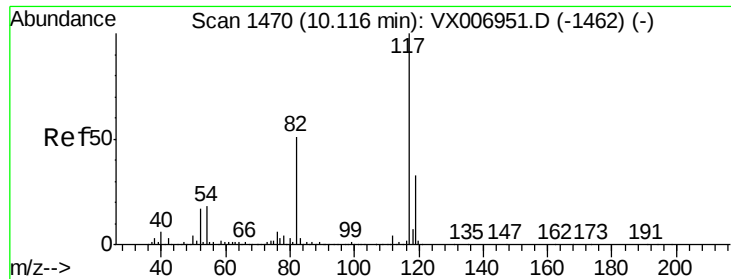


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

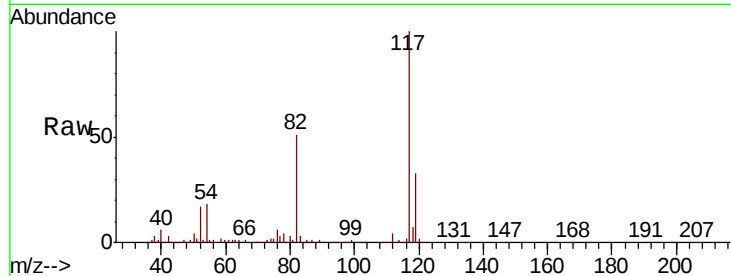




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.0	61.6
119	32.9	25.4	38.0

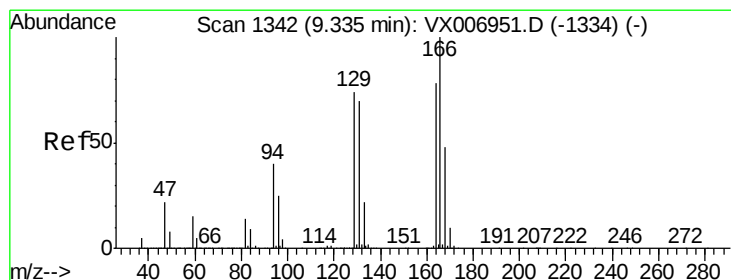
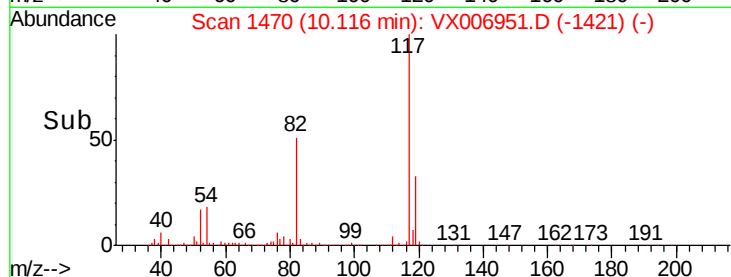
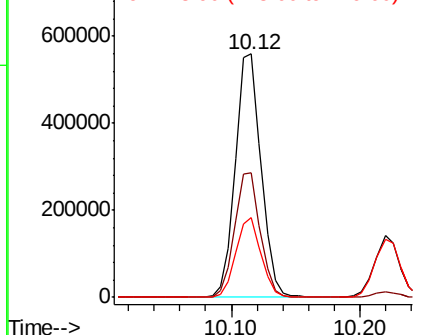


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 44.453 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.5	153.7
129	94.7	75.1	112.7
131	89.6	72.7	109.1

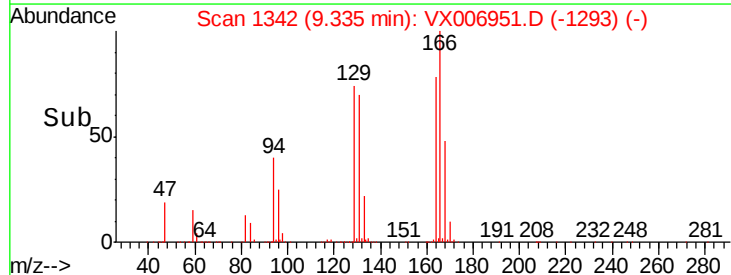
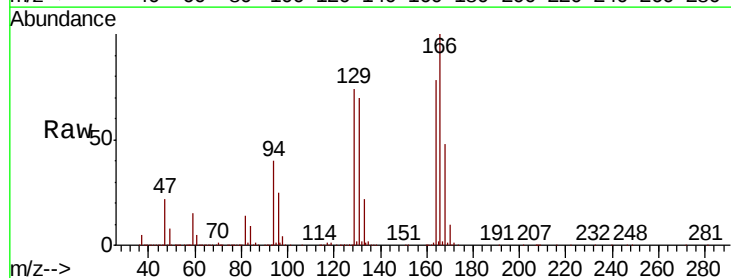
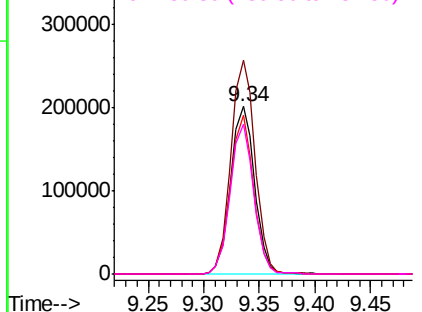
Abundance

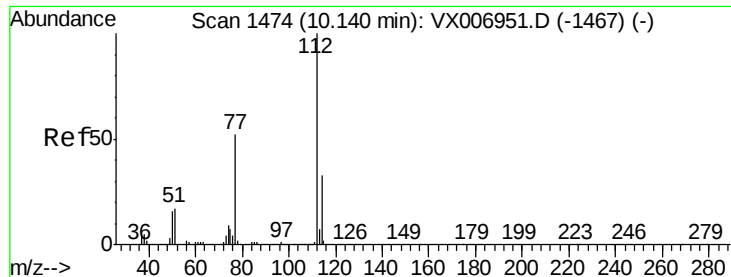
Ion 163.80 (163.50 to 164.50): V

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: 45.777 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

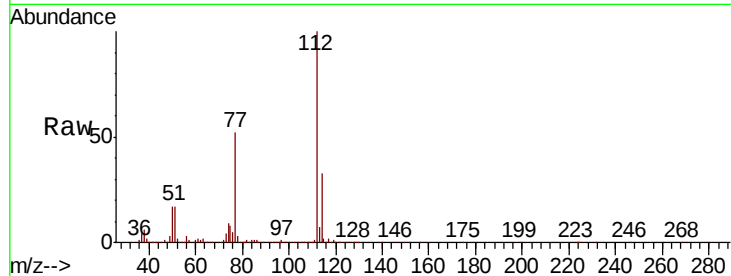
VSTDICCC050

Tgt Ion:112 Resp: 780785

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

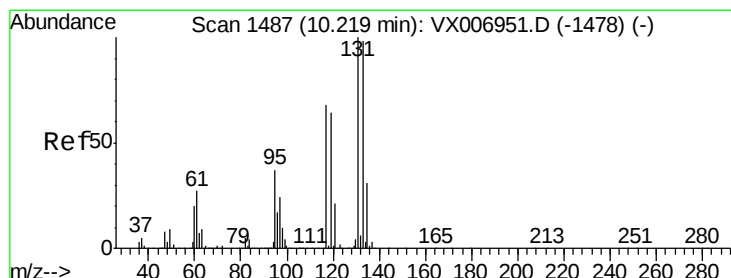
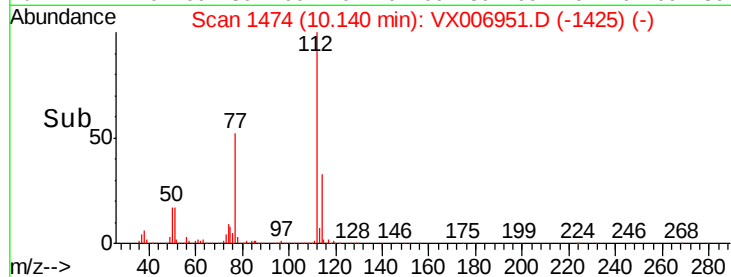
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.086 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

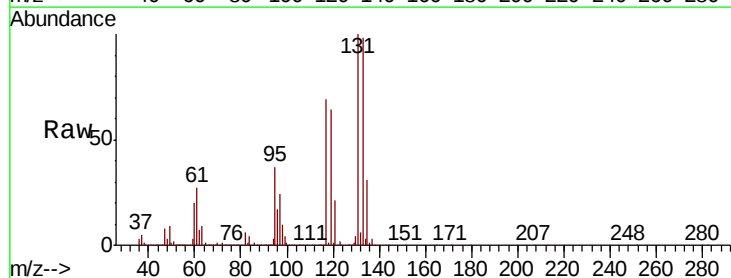
Tgt Ion:131 Resp: 281642

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

119 64.8 32.6 97.8



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

10.22

250000

200000

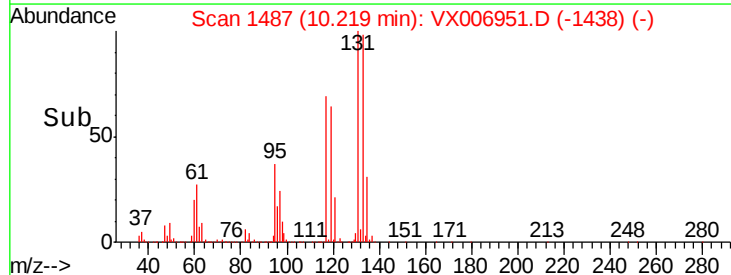
150000

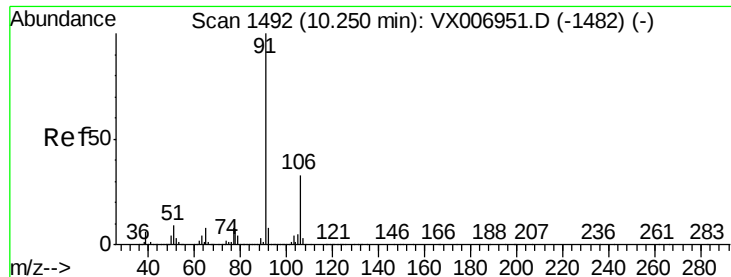
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 45.947 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

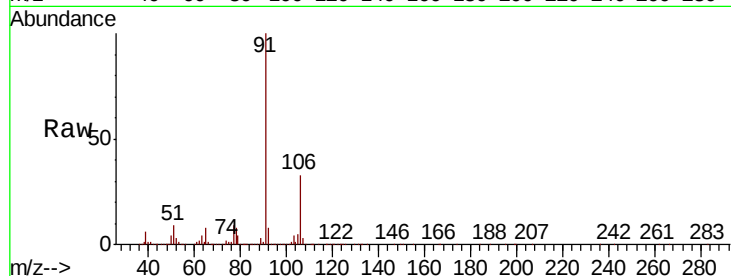
VSTDICCC050

Tgt Ion: 91 Resp: 1293746

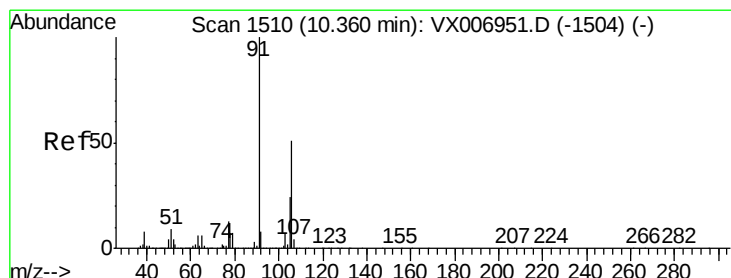
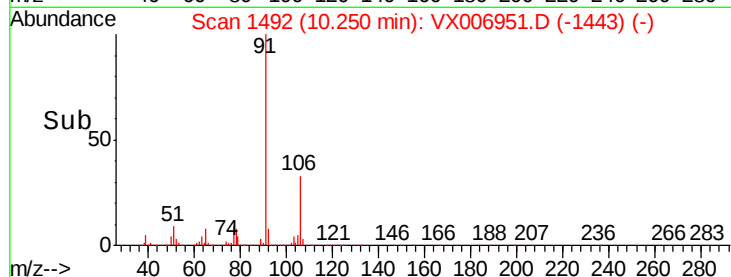
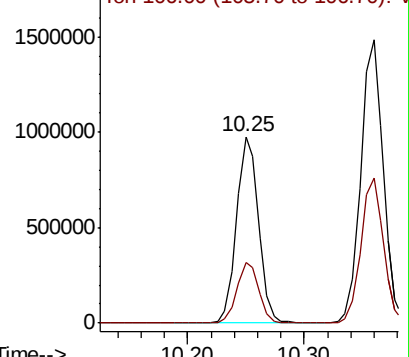
Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1482) (-)



#68

m/p-Xylenes

Concen: 92.149 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006951.D

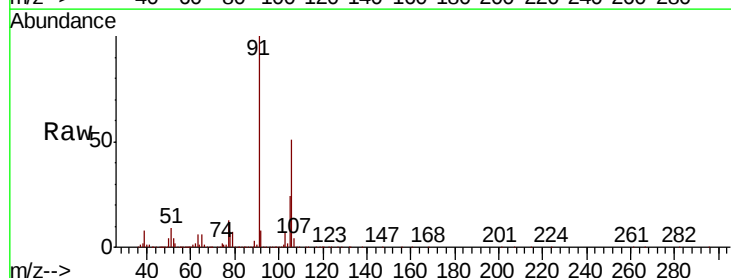
Acq: 08 Jan 2019 12:52

Tgt Ion: 106 Resp: 1022275

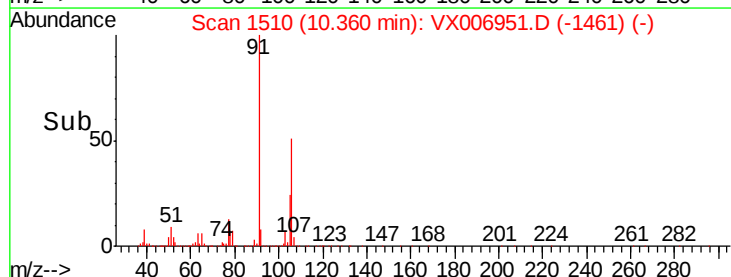
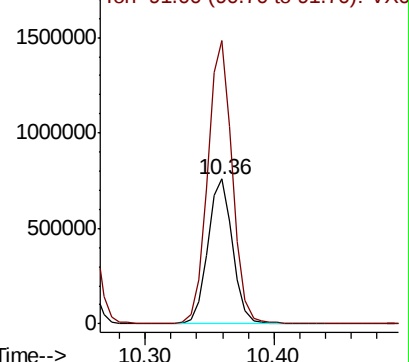
Ion Ratio Lower Upper

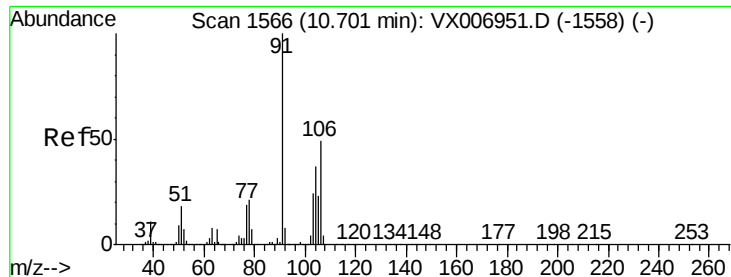
106 100

91 195.9 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006951.D (-1504) (-)

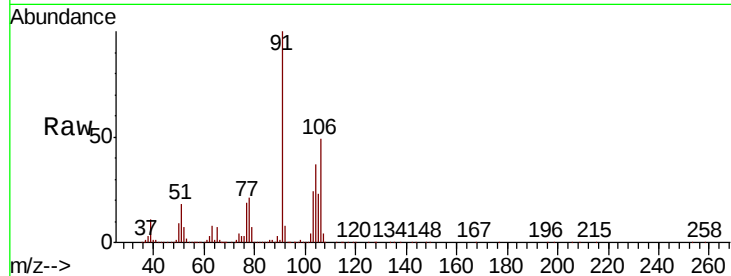




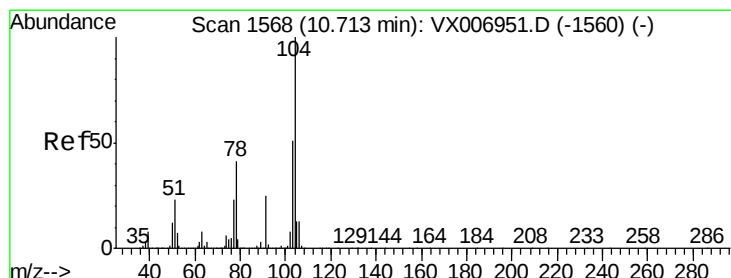
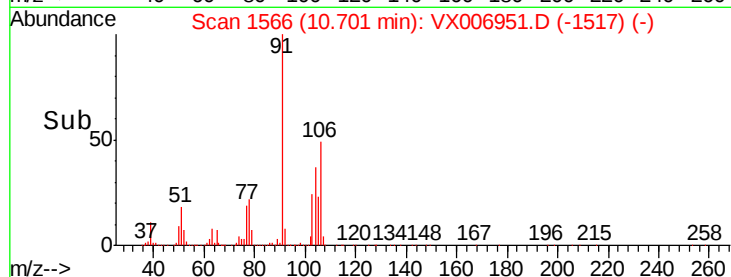
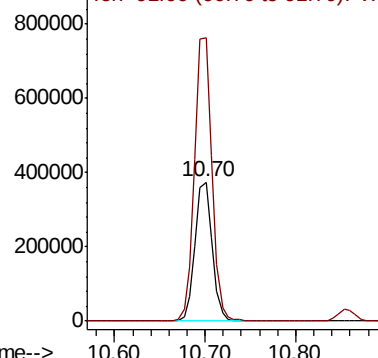
#69
o-Xylene
Concen: 45.986 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 497528
Ion Ratio Lower Upper
106 100
91 206.2 101.3 303.7

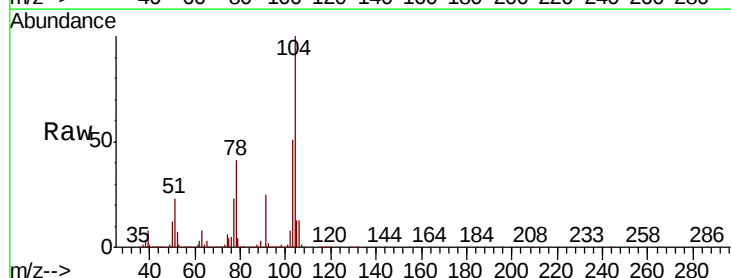


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

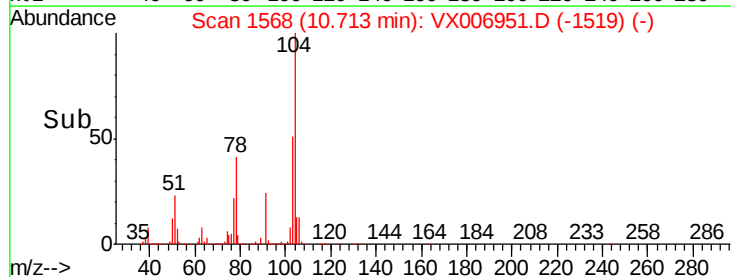
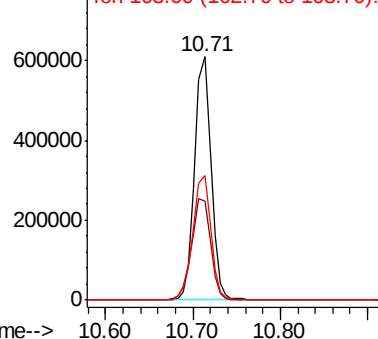


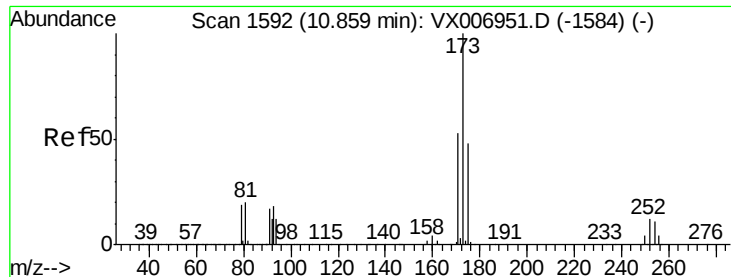
#70
Styrene
Concen: 46.606 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion:104 Resp: 798611
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 56.0 43.8 65.8



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: 43.121 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

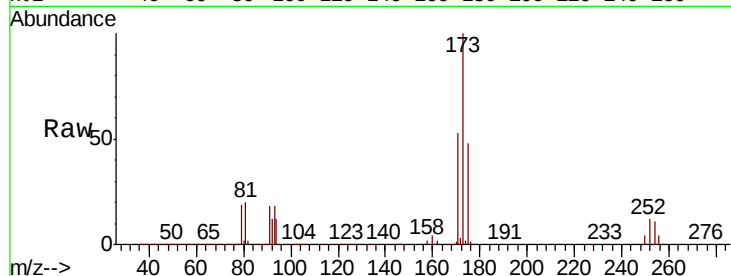
Tgt Ion:173 Resp: 217668

Ion Ratio Lower Upper

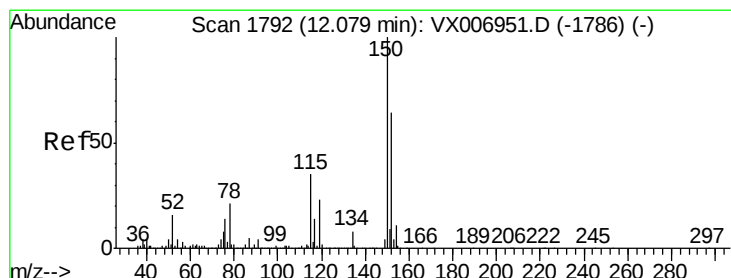
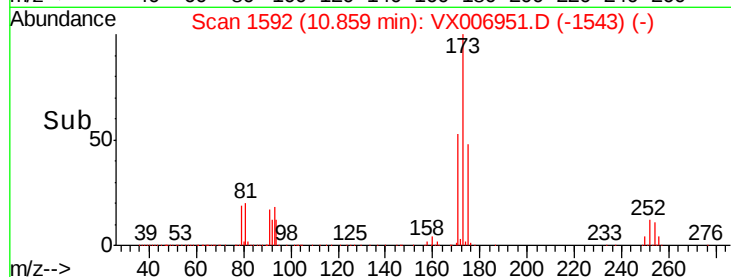
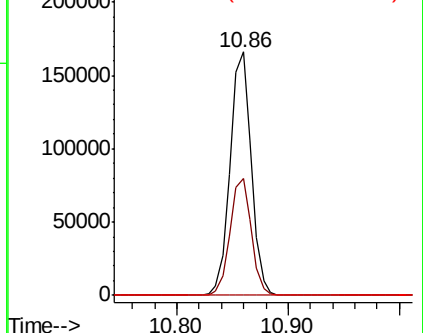
173 100

175 48.3 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

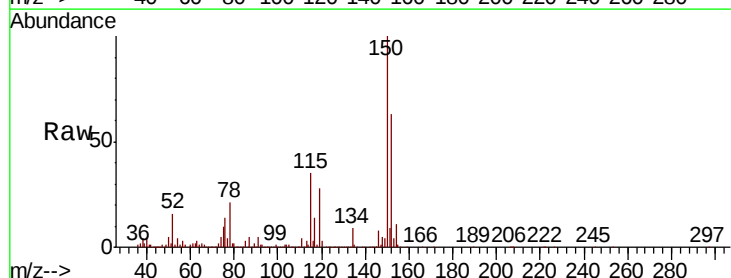
Tgt Ion:152 Resp: 392209

Ion Ratio Lower Upper

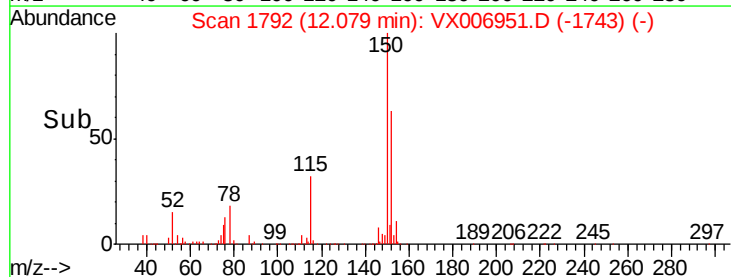
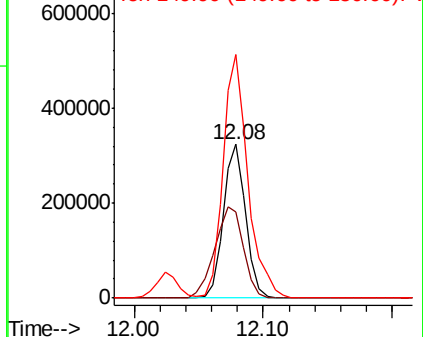
152 100

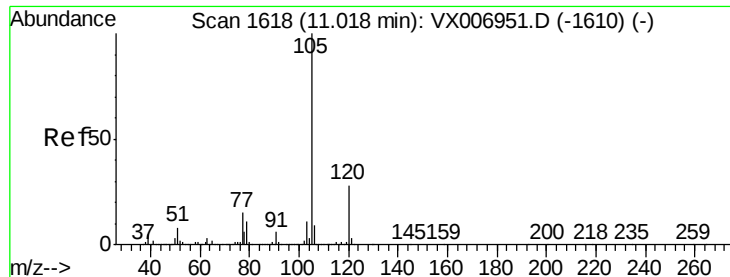
115 77.1 39.1 117.2

150 176.4 0.0 344.8



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





#73

Isopropylbenzene

Concen: 47.307 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

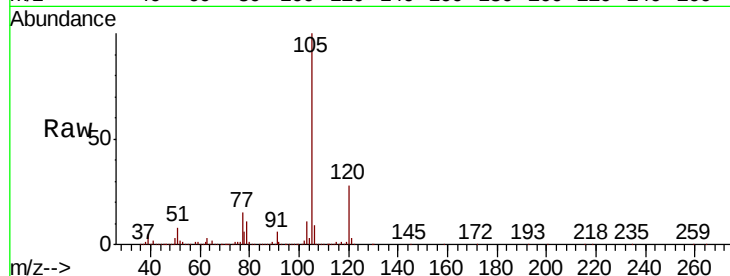
VSTDICCC050

Tgt Ion:105 Resp: 1308324

Ion Ratio Lower Upper

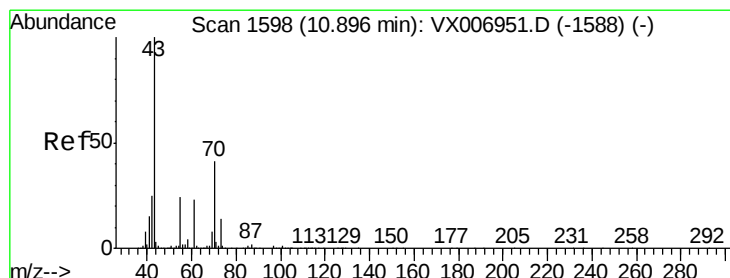
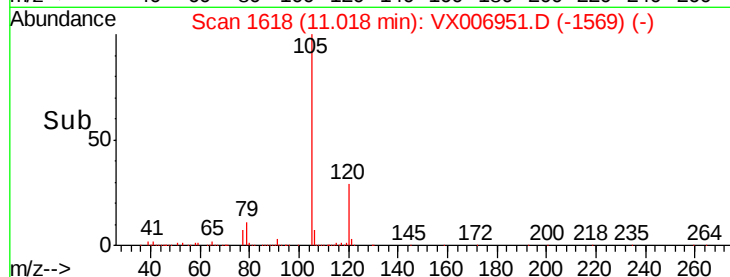
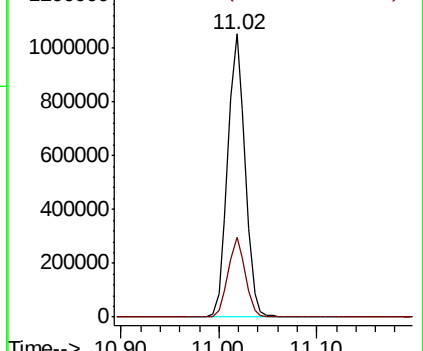
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.564 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Tgt Ion: 43 Resp: 540763

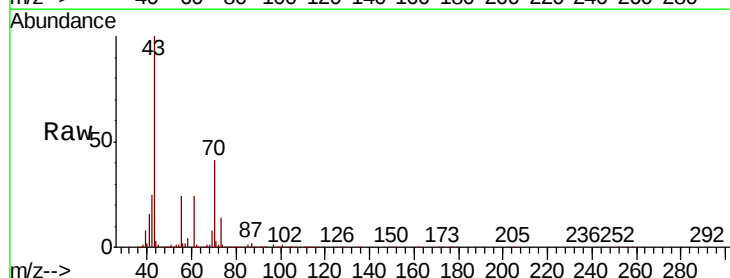
Ion Ratio Lower Upper

43 100

70 42.1 35.8 53.8

55 23.5 19.4 29.0

61 23.7 20.1 30.1

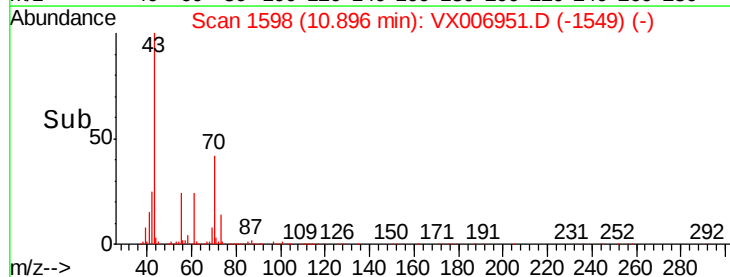
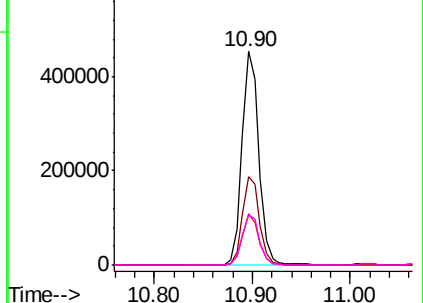


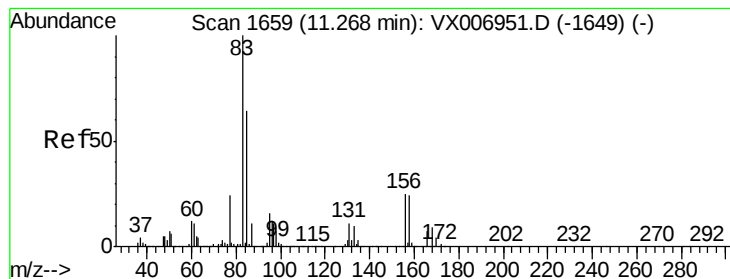
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.536 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

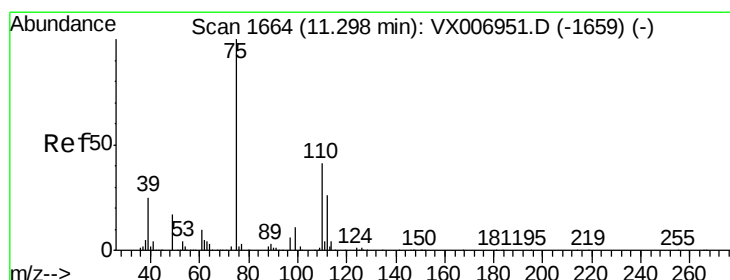
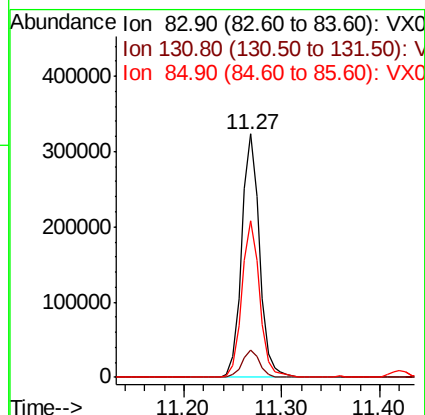
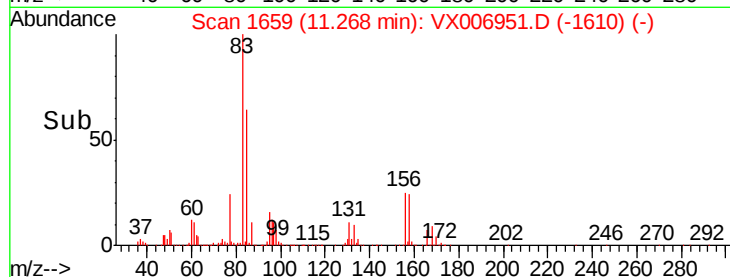
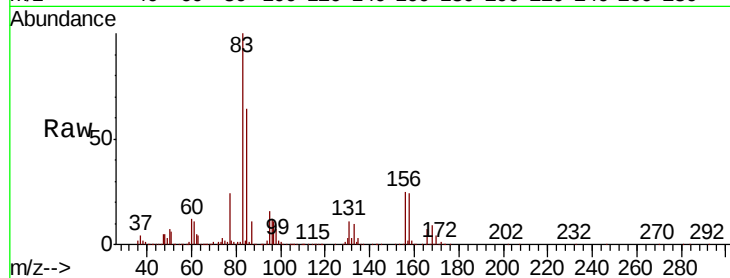
Tgt Ion: 83 Resp: 408582

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 58.852 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006951.D

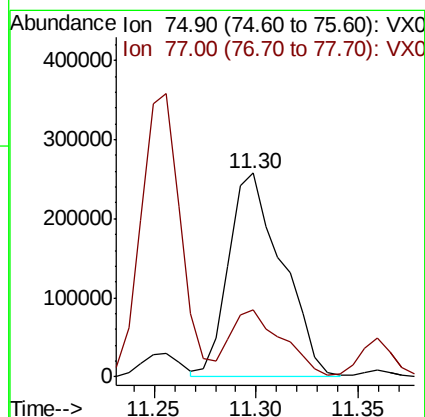
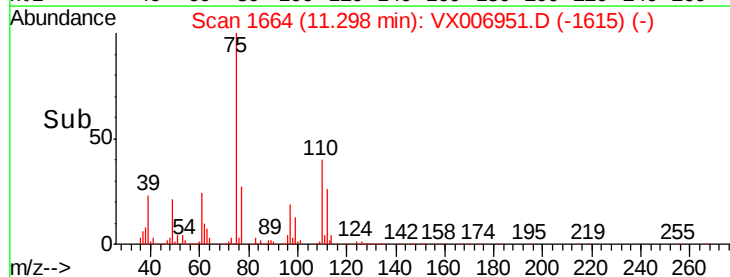
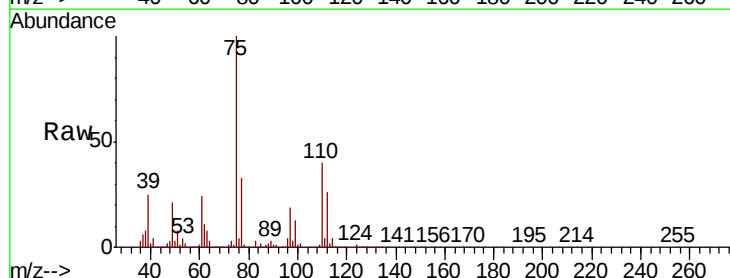
Acq: 08 Jan 2019 12:52

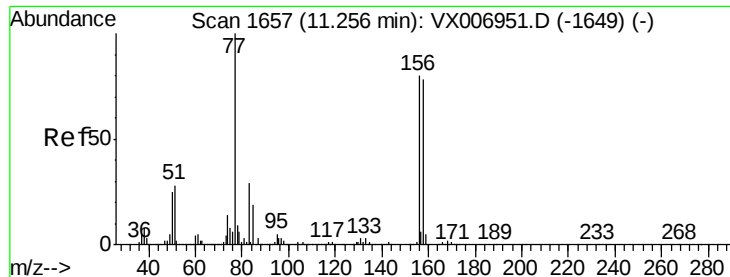
Tgt Ion: 75 Resp: 467753

Ion Ratio Lower Upper

75 100

77 31.6 18.5 55.5





#77

Bromobenzene

Concen: 47.100 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

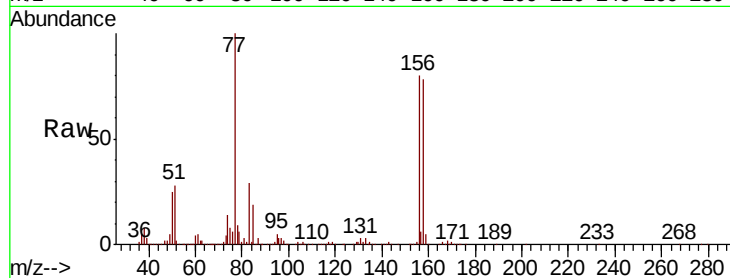
Tgt Ion:156 Resp: 358919

Ion Ratio Lower Upper

156 100

77 133.9 68.0 204.0

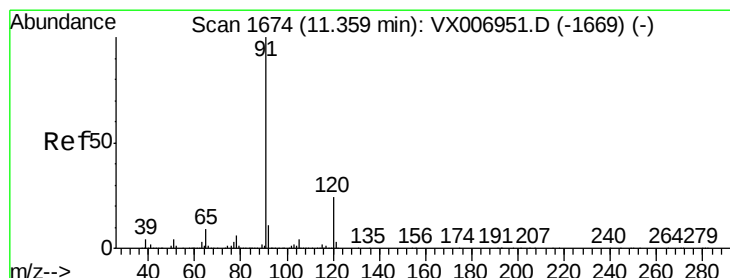
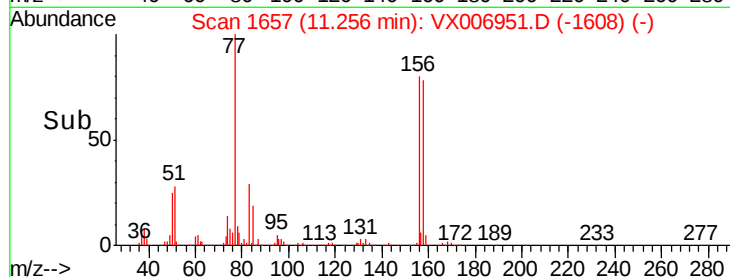
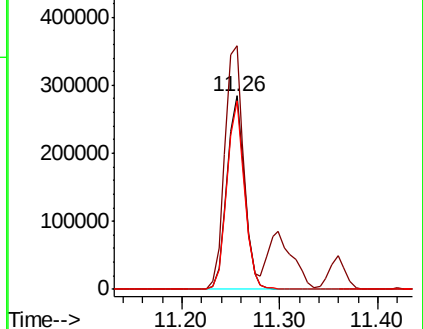
158 96.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.187 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006951.D

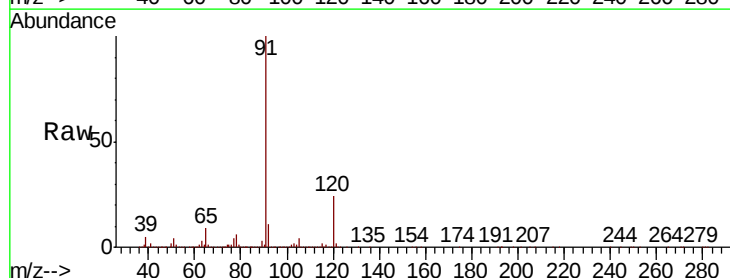
Acq: 08 Jan 2019 12:52

Tgt Ion: 91 Resp: 1462977

Ion Ratio Lower Upper

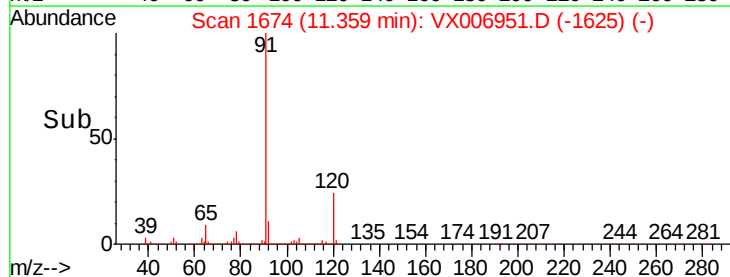
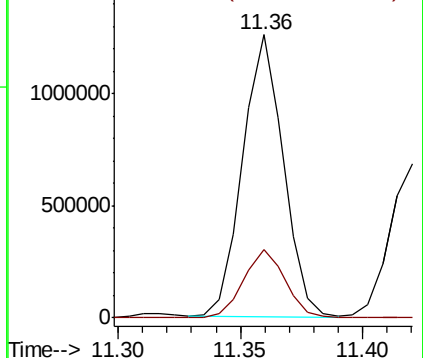
91 100

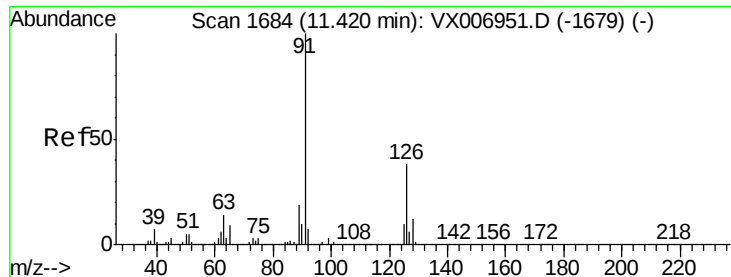
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

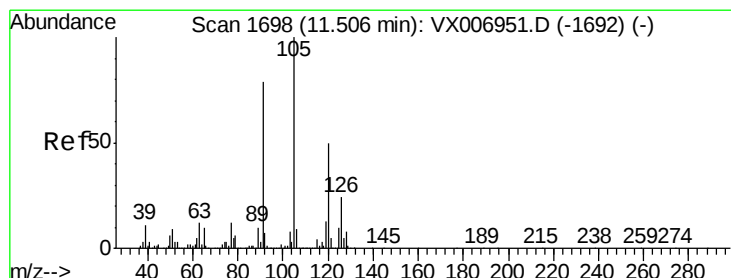
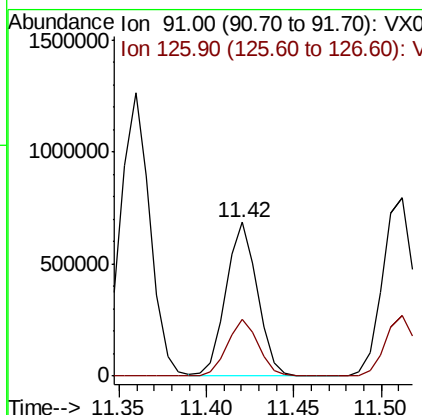
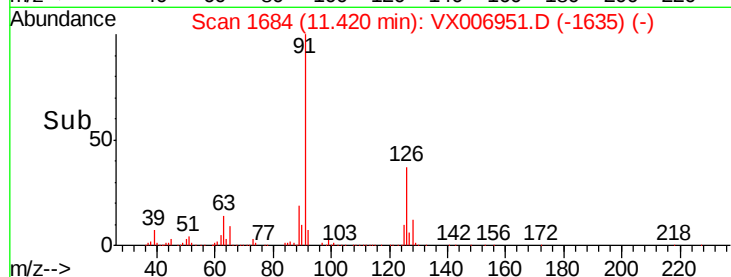
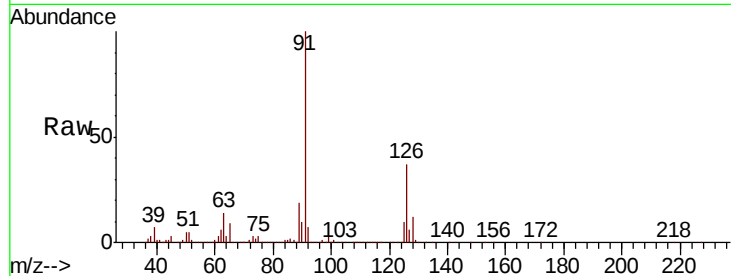




#79
 2-Chlorotoluene
 Concen: 46.395 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

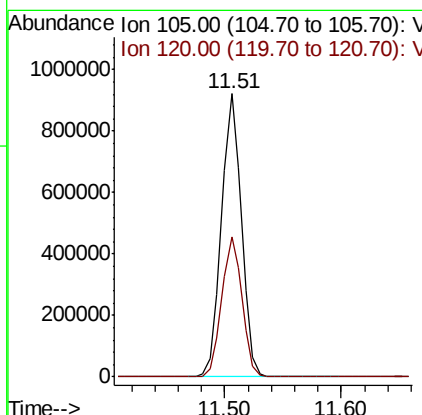
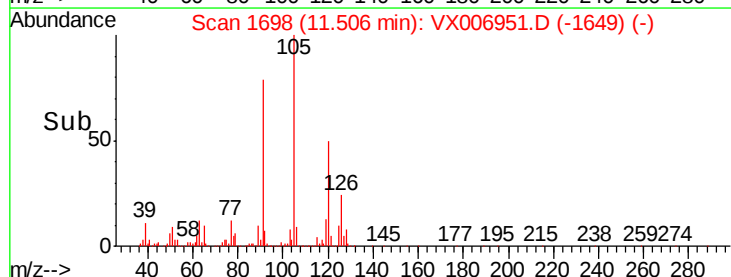
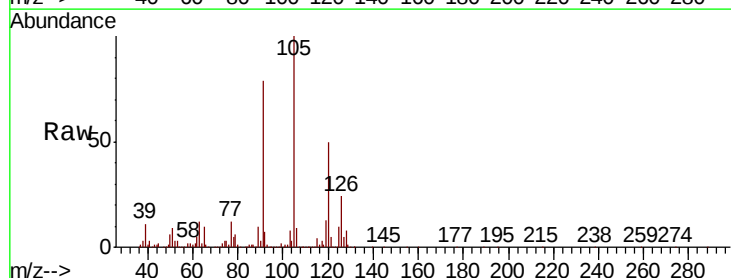
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

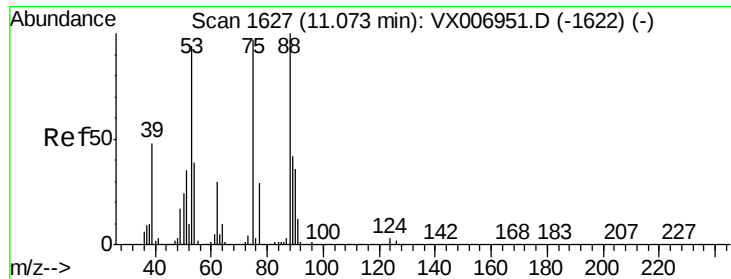
Tgt Ion: 91 Resp: 847902
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 47.112 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion: 105 Resp: 1088699
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.3

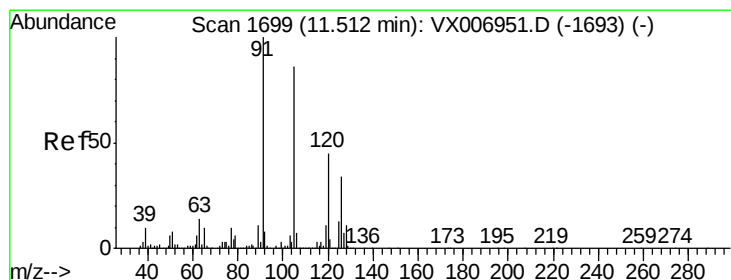
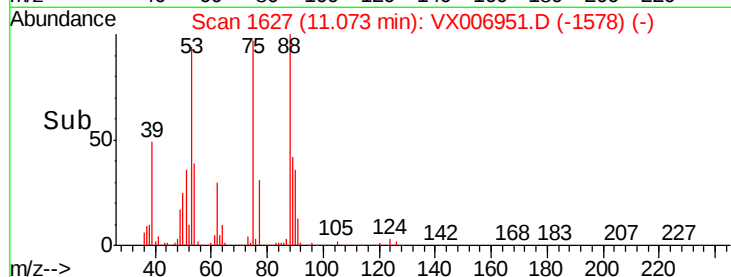
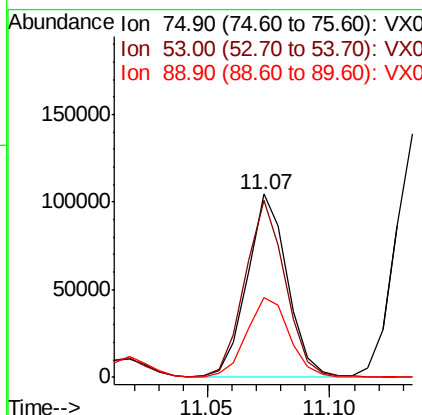
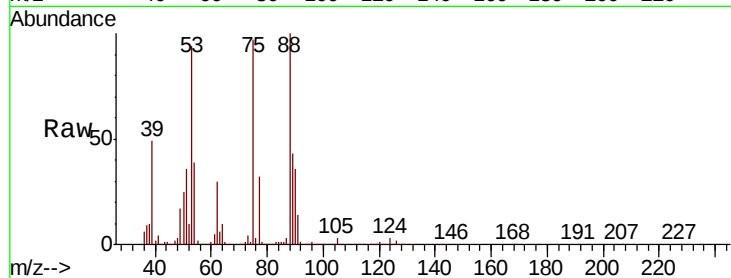




#81
trans-1,4-Dichloro-2-butene
Concen: 45.507 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

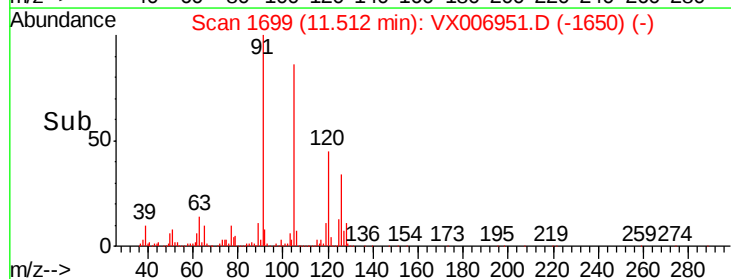
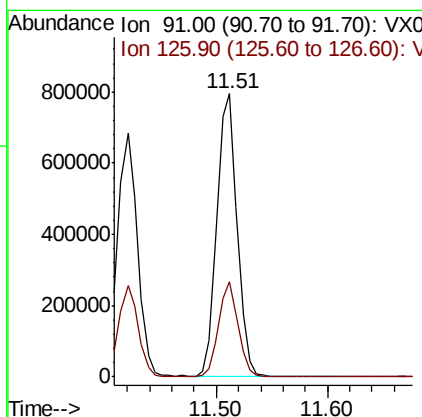
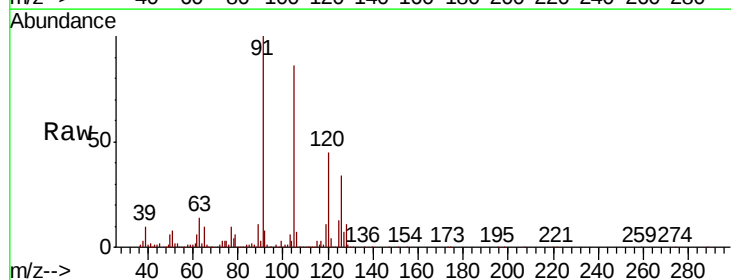
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 118880
Ion Ratio Lower Upper
75 100
53 97.9 79.7 119.5
89 47.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 47.246 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 91 Resp: 999751
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9

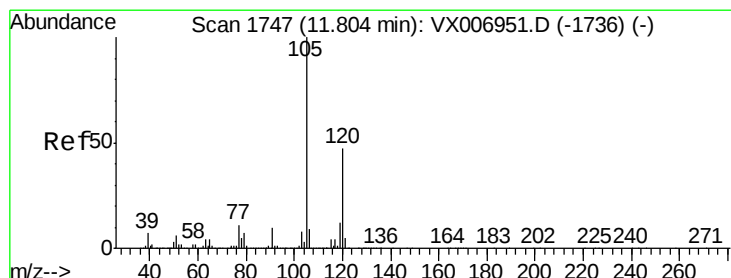
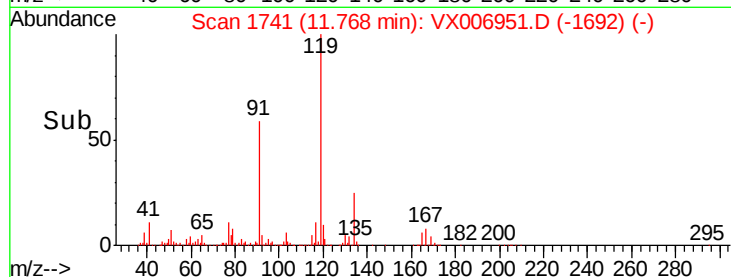
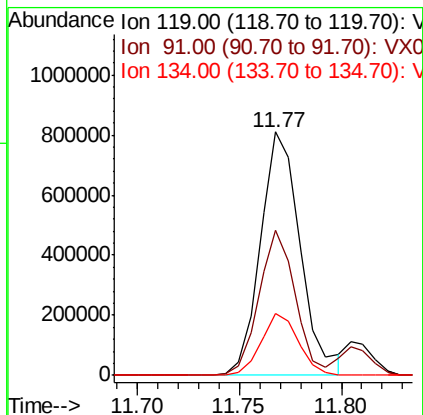
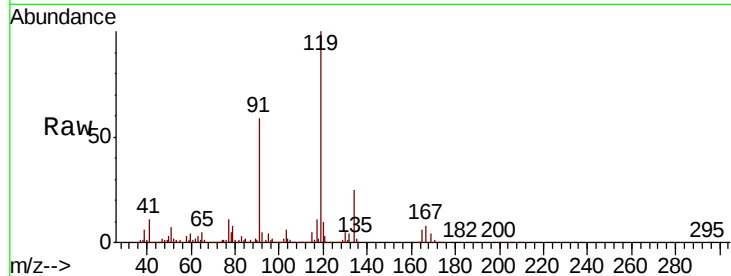




#83
 tert-Butylbenzene
 Concen: 47.861 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

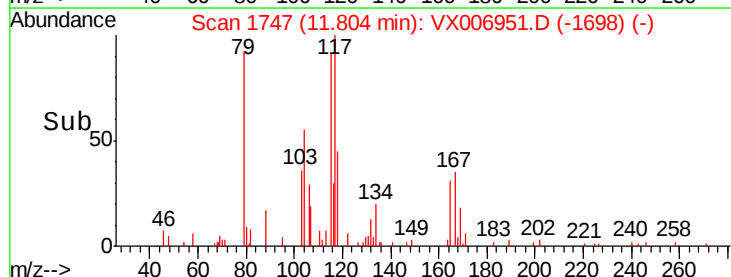
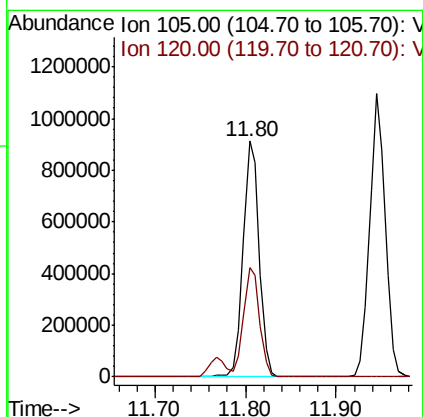
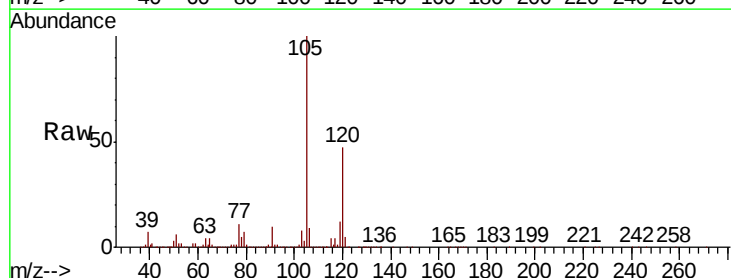
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

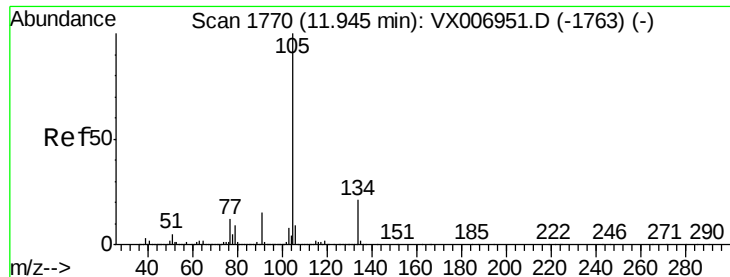
Tgt Ion:119 Resp: 1103506
 Ion Ratio Lower Upper
 119 100
 91 54.2 27.7 83.1
 134 23.7 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.950 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion:105 Resp: 1114256
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.357 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

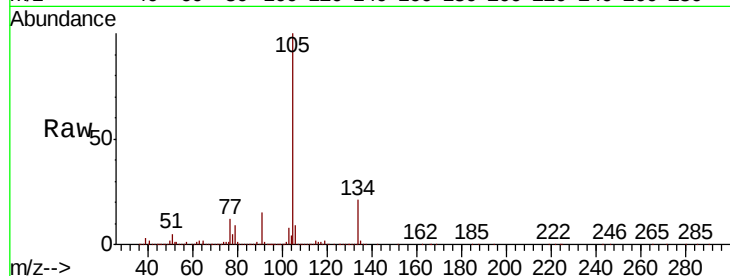
VSTDICCC050

Tgt Ion:105 Resp: 1304008

Ion Ratio Lower Upper

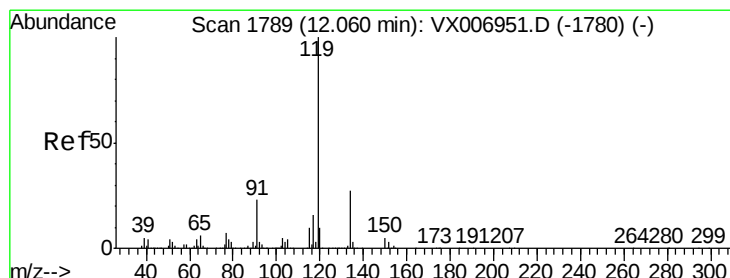
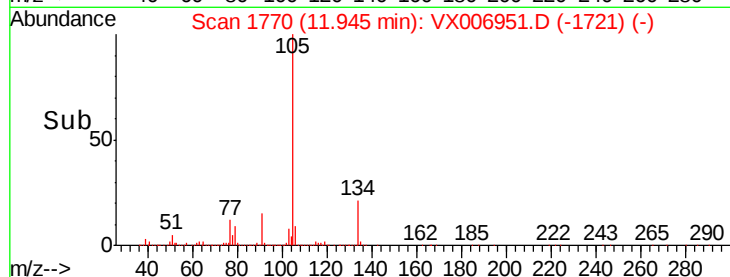
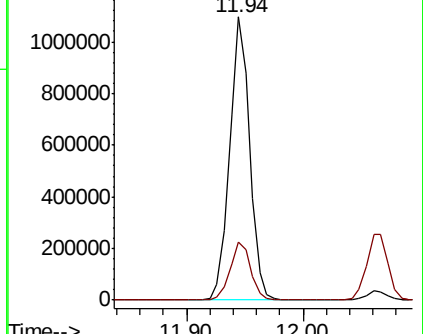
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.503 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

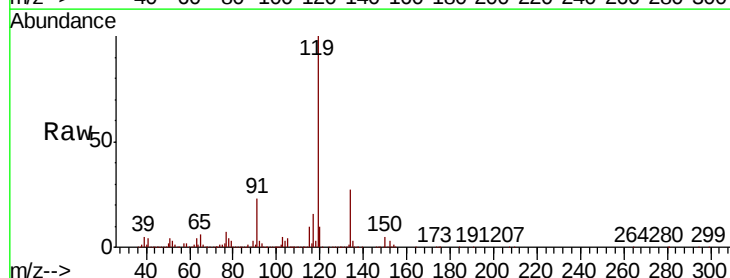
Tgt Ion:119 Resp: 1169994

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

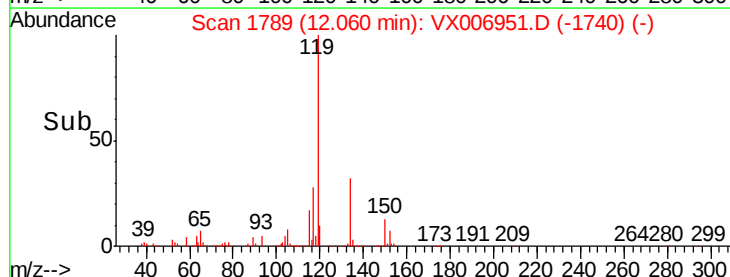
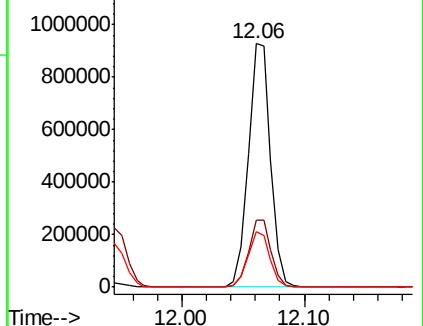
91 22.5 11.3 33.9

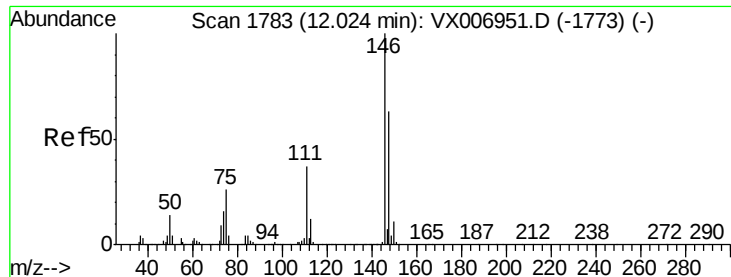


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

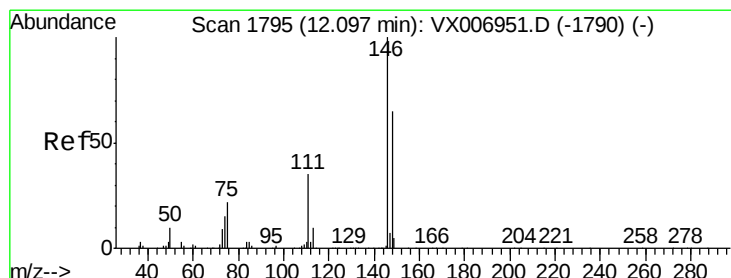
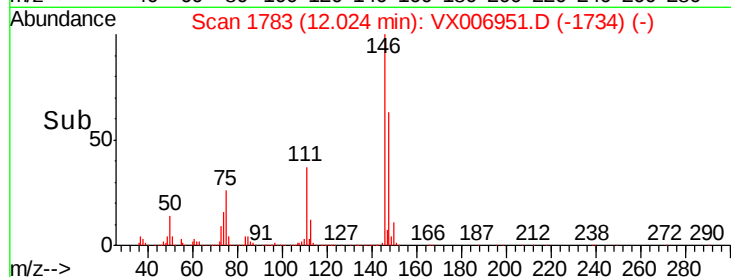
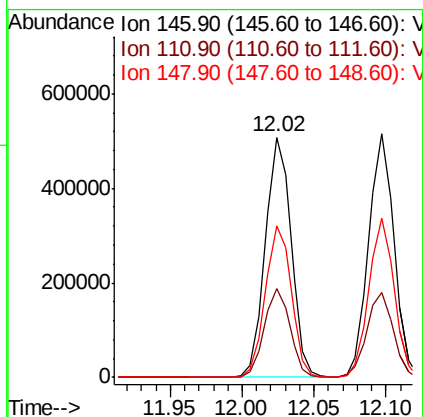
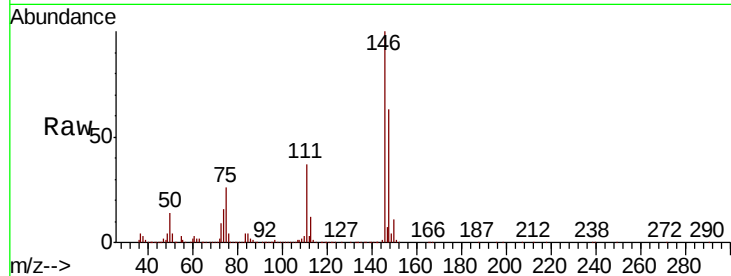




#87
 1,3-Dichlorobenzene
 Concen: 45.777 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

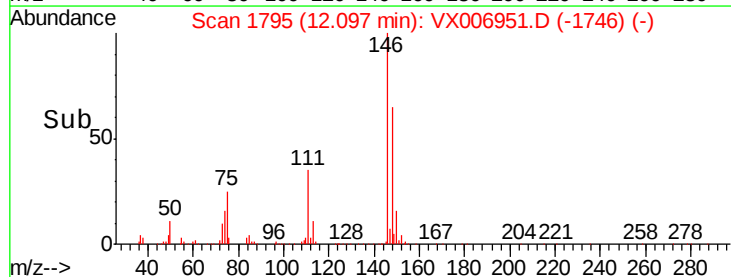
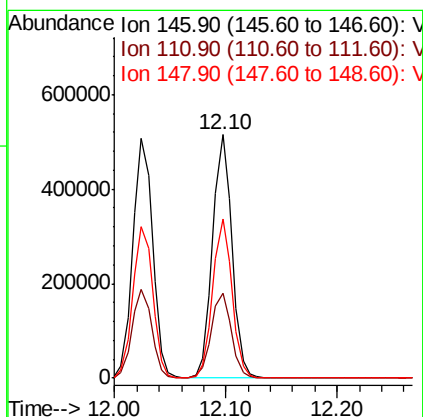
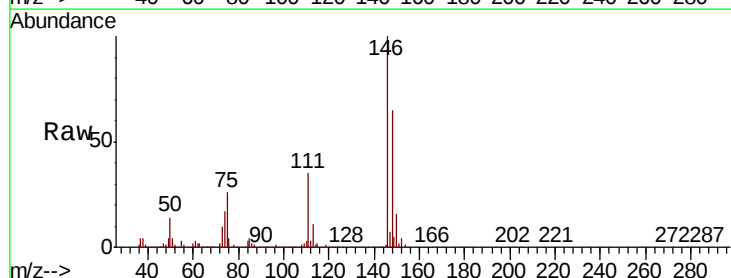
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

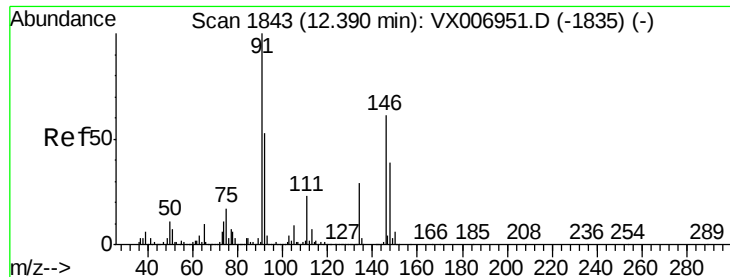
Tgt Ion:146 Resp: 630511
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.8
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.881 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006951.D
 Acq: 08 Jan 2019 12:52

Tgt Ion:146 Resp: 624774
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 64.8 31.9 95.9

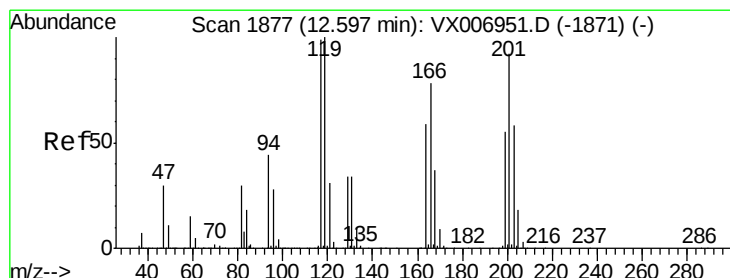
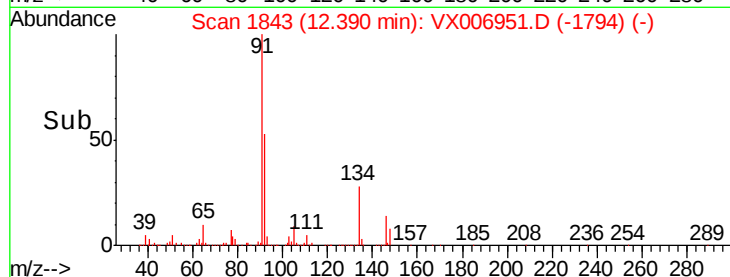
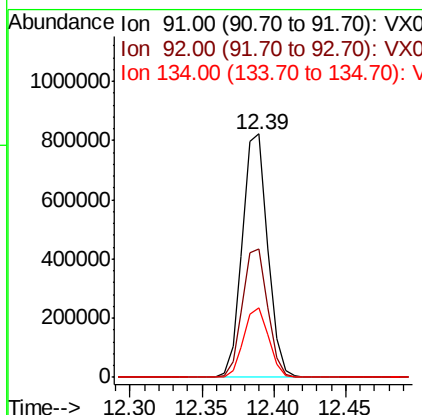
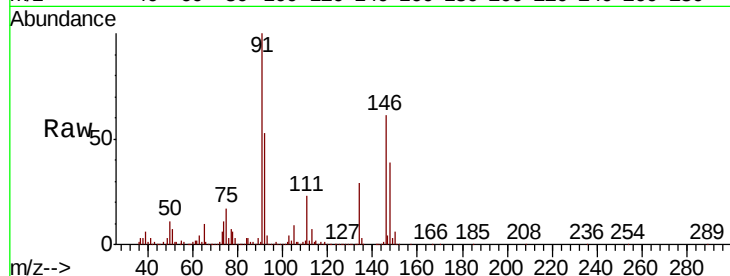




#89
n-Butylbenzene
Concen: 47.790 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

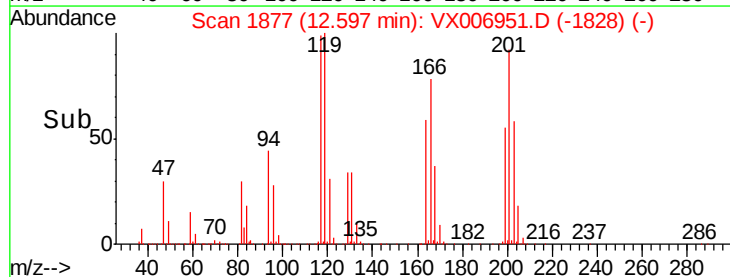
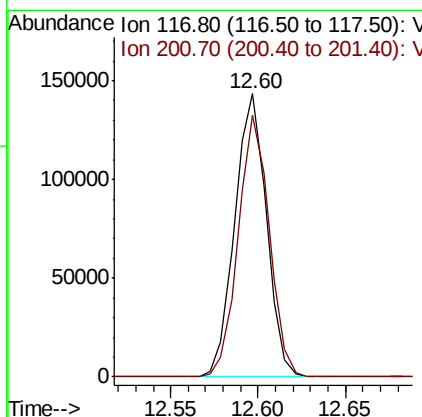
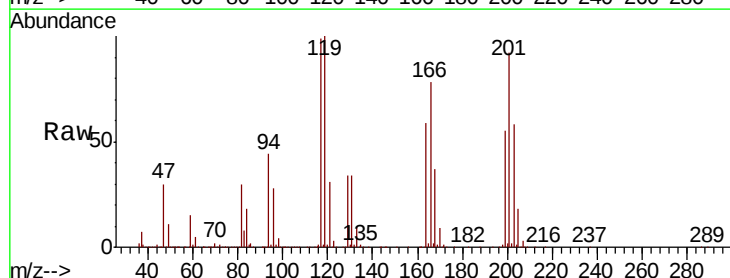
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

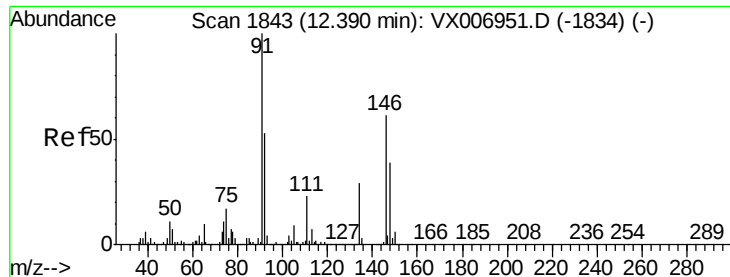
Tgt Ion: 91 Resp: 1003403
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 28.3 14.4 43.2



#90
Hexachloroethane
Concen: 46.129 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion: 117 Resp: 180438
Ion Ratio Lower Upper
117 100
201 90.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 45.391 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

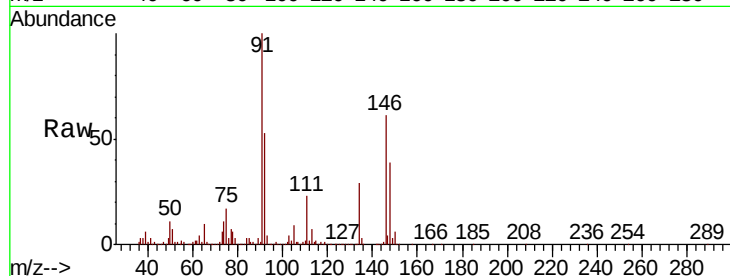
Tgt Ion:146 Resp: 616976

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.2

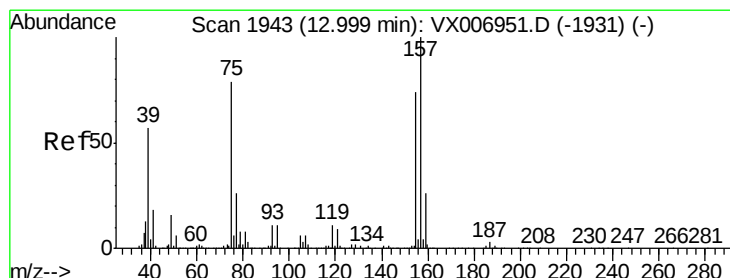
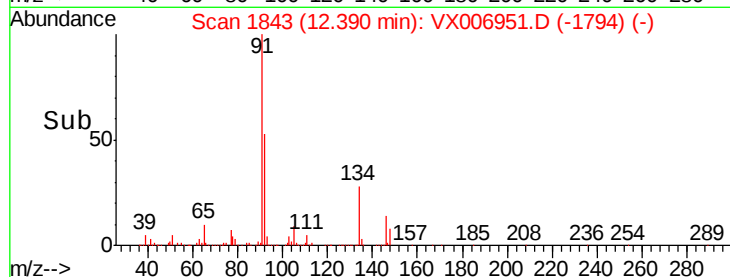
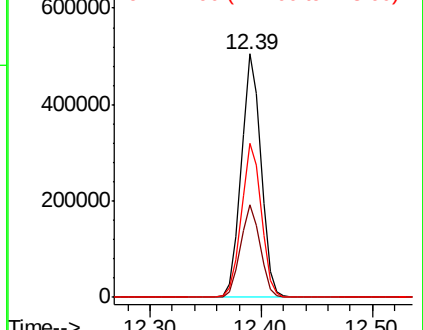
148 64.1 32.3 96.9



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: 49.988 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006951.D

Acq: 08 Jan 2019 12:52

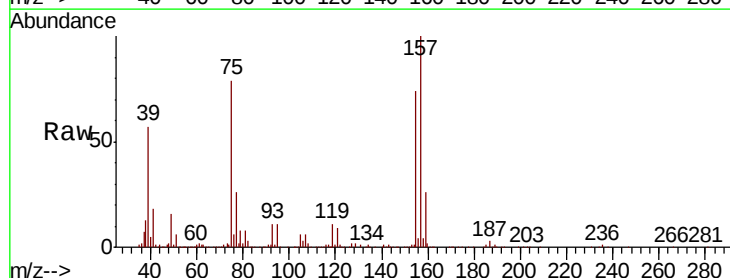
Tgt Ion: 75 Resp: 86802

Ion Ratio Lower Upper

75 100

155 98.3 50.6 151.8

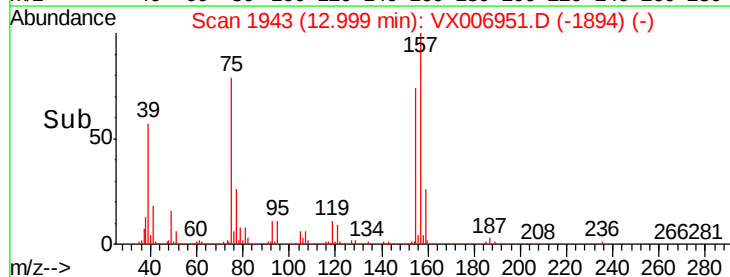
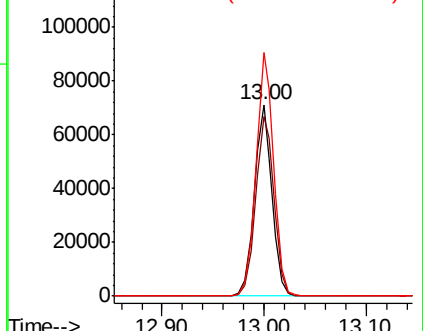
157 127.7 64.6 193.8



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

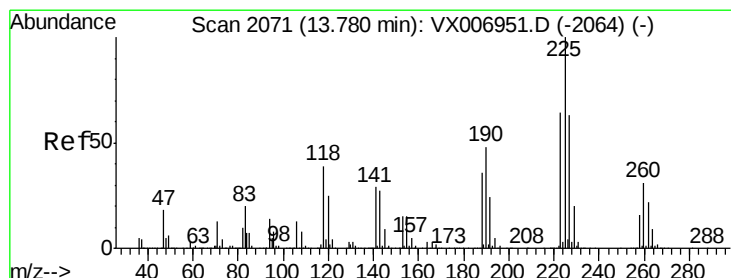
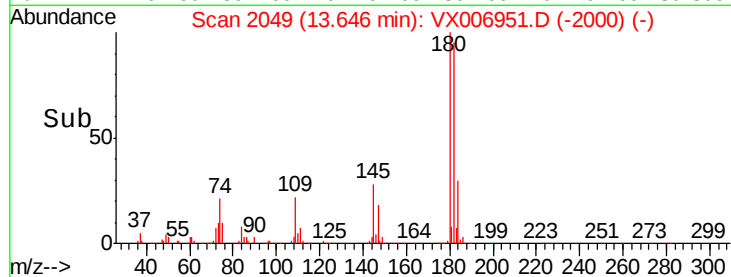
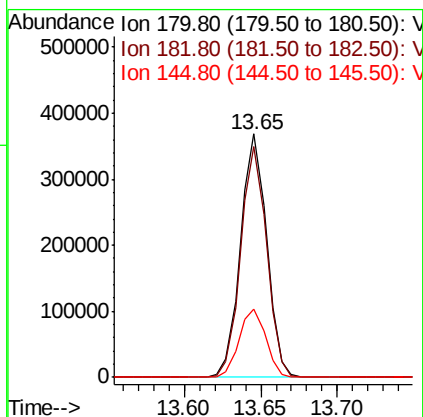
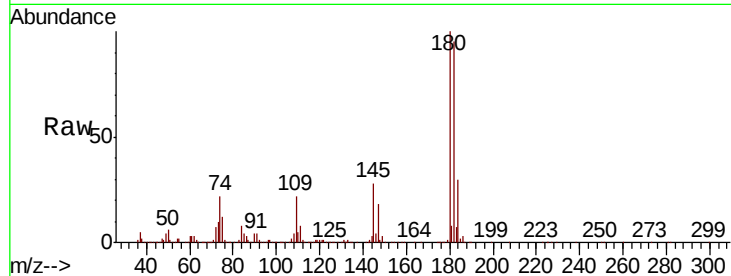




#93
1,2,4-Trichlorobenzene
Concen: 46.814 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

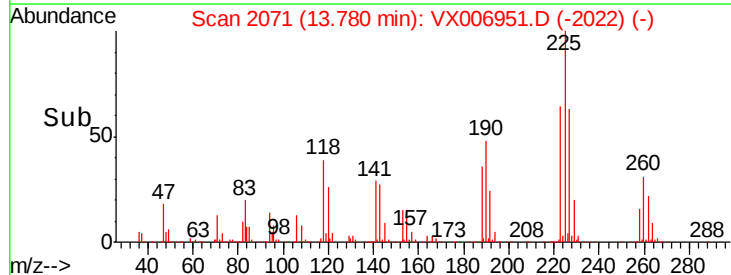
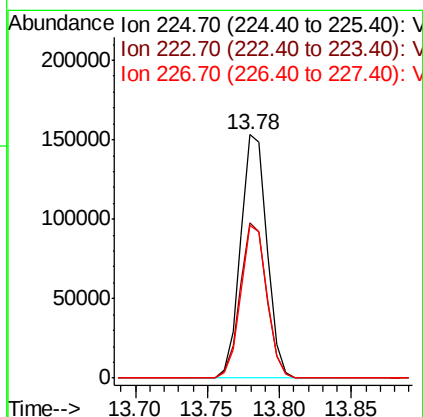
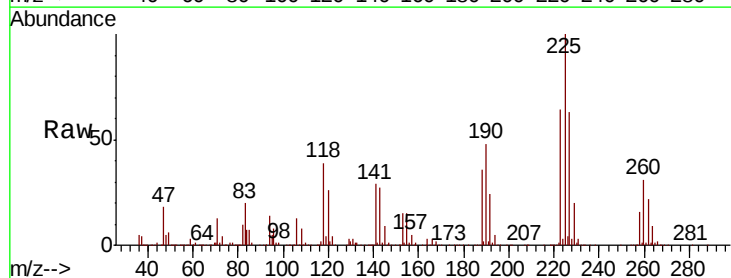
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	28.8	14.8	44.3



#94
Hexachlorobutadiene
Concen: 46.907 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.1	96.3
227	62.2	32.3	96.8

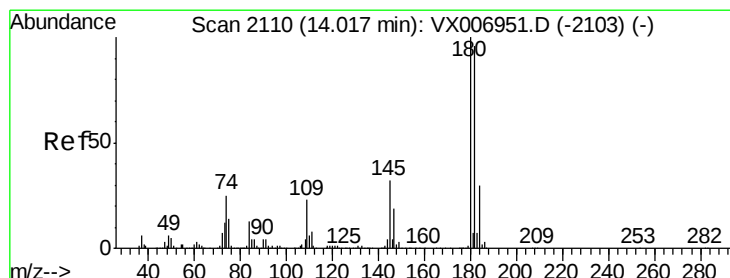
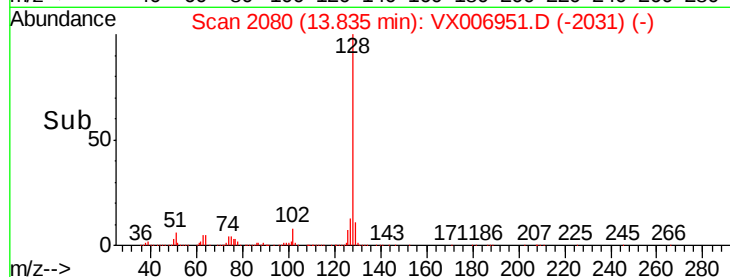
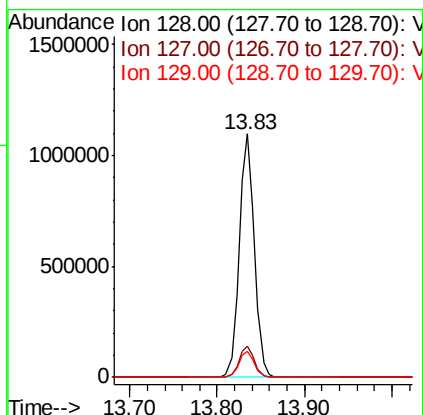
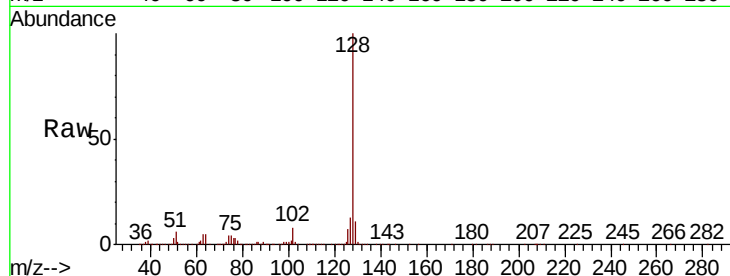




#95
Naphthalene
Concen: 46.866 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1324340
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.212 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006951.D
Acq: 08 Jan 2019 12:52

Tgt Ion:180 Resp: 428099
Ion Ratio Lower Upper
180 100
182 96.3 48.5 145.5
145 30.3 16.0 47.9

