

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014800.D
 Acq On : 04 Feb 2020 10:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 05 02:59:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	451374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308502	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	243681	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.46%		
35) Dibromofluoromethane	5.48	113	200838	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.24%		
50) Toluene-d8	8.71	98	753398	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.90%		
62) 4-Bromofluorobenzene	11.13	95	271531	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.02%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	254687	42.122	ug/l	100
3) Chloromethane	1.32	50	252731	41.389	ug/l	99
4) Vinyl Chloride	1.41	62	291939	44.218	ug/l	98
5) Bromomethane	1.63	94	185648	41.397	ug/l	99
6) Chloroethane	1.72	64	167126	44.080	ug/l	100
7) Trichlorofluoromethane	1.92	101	339388	44.147	ug/l	97
8) Diethyl Ether	2.18	74	144745	43.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205358	45.504	ug/l	99
10) Methyl Iodide	2.50	142	276113	46.627	ug/l	99
11) Tert butyl alcohol	3.03	59	213983	180.822	ug/l	100
12) 1,1-Dichloroethene	2.37	96	192829	42.974	ug/l	99
13) Acrolein	2.28	56	194548	208.502	ug/l	99
14) Allyl chloride	2.72	41	357376	44.311	ug/l	98
15) Acrylonitrile	3.13	53	579641	211.695	ug/l	100
16) Acetone	2.43	43	589101	203.950	ug/l	100
17) Carbon Disulfide	2.56	76	492666	40.173	ug/l	100
18) Methyl Acetate	2.76	43	356832	43.273	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	676195	46.009	ug/l	99
20) Methylene Chloride	2.85	84	228158	42.682	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	211816	42.873	ug/l	98
22) Diisopropyl ether	3.84	45	743247	46.319	ug/l	93
23) Vinyl Acetate	3.80	43	2856863	233.560	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394650	45.288	ug/l	99
25) 2-Butanone	4.65	43	865590	209.130	ug/l	99
26) 2,2-Dichloropropane	4.57	77	327748	46.989	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	243749	44.082	ug/l	100
28) Bromochloromethane	5.00	49	160461	41.903	ug/l	97
29) Tetrahydrofuran	5.11	42	507969	206.780	ug/l	99
30) Chloroform	5.20	83	390897	45.282	ug/l	99
31) Cyclohexane	5.57	56	349702	42.666	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	332267	45.536	ug/l	99
36) 1,1-Dichloropropene	5.79	75	295037	48.004	ug/l	100
37) Ethyl Acetate	4.81	43	311175	44.205	ug/l	99
38) Carbon Tetrachloride	5.78	117	284573	48.481	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	358631	46.577	ug/l	97
40) Benzene	6.13	78	889329	46.831	ug/l	99
41) Methacrylonitrile	5.02	41	176225	43.849	ug/l	98
42) 1,2-Dichloroethane	6.18	62	315042	48.041	ug/l	100
43) Isopropyl Acetate	6.43	43	522668	45.342	ug/l	99
44) Trichloroethene	7.20	130	245827	45.829	ug/l	96
45) 1,2-Dichloropropane	7.50	63	235703	48.178	ug/l	98
46) Dibromomethane	7.65	93	150831	47.603	ug/l	99
47) Bromodichloromethane	7.89	83	310314	49.934	ug/l	96
48) Methyl methacrylate	7.76	41	260707	47.335	ug/l	97
49) 1,4-Dioxane	7.73	88	90899	778.580	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1624504	223.286	ug/l	100
52) Toluene	8.78	92	565499	48.443	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	338350	50.563	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	373259	50.705	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	234153	48.993	ug/l	99
56) Ethyl methacrylate	9.17	69	356401	44.201	ug/l	99
57) 1,3-Dichloropropane	9.36	76	390328	47.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	602205	250.545	ug/l	100
59) 2-Hexanone	9.48	43	1297375	229.801	ug/l	99
60) Dibromochloromethane	9.57	129	250088	50.132	ug/l	99
61) 1,2-Dibromoethane	9.67	107	237953	47.090	ug/l	100
64) Tetrachloroethene	9.33	164	261858	44.192	ug/l	98
65) Chlorobenzene	10.13	112	611176	47.733	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	230501	48.826	ug/l	99
67) Ethyl Benzene	10.25	91	1084773	49.618	ug/l	100
68) m/p-Xylenes	10.36	106	830396	100.258	ug/l	99
69) o-Xylene	10.69	106	399369	49.946	ug/l	99
70) Styrene	10.71	104	697849	52.028	ug/l	99
71) Bromoform	10.85	173	193031	51.417	ug/l #	97
73) Isopropylbenzene	11.01	105	1070842	49.366	ug/l	99
74) N-amyl acetate	10.89	43	452784	47.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	340206	43.926	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	401411	55.926	ug/l	91
77) Bromobenzene	11.25	156	279369	47.940	ug/l	97
78) n-propylbenzene	11.35	91	1228427	49.891	ug/l	99
79) 2-Chlorotoluene	11.42	91	725426	48.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	899437	49.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	118069	46.813	ug/l	99
82) 4-Chlorotoluene	11.50	91	843865	49.754	ug/l	100
83) tert-Butylbenzene	11.76	119	855530	50.571	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	907827	50.272	ug/l	99
85) sec-Butylbenzene	11.94	105	1053424	50.829	ug/l	100
86) p-Isopropyltoluene	12.06	119	973146	50.809	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	500003	47.743	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	498970	47.563	ug/l	100
89) n-Butylbenzene	12.38	91	842919	50.531	ug/l	99
90) Hexachloroethane	12.59	117	175907	49.446	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	498319	47.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71825	43.164	ug/l	97

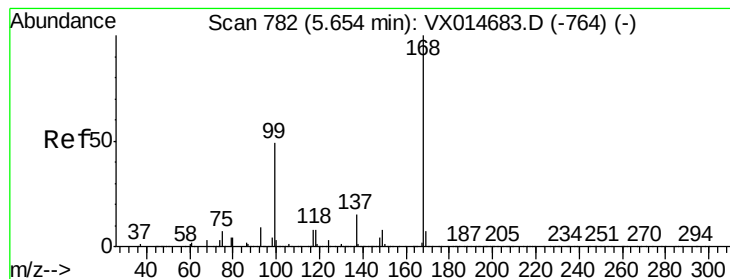
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	340931	50.839	ug/l	98
94) Hexachlorobutadiene	13.78	225	168878	48.928	ug/l	97
95) Naphthalene	13.83	128	1003143	46.454	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	339846	50.118	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

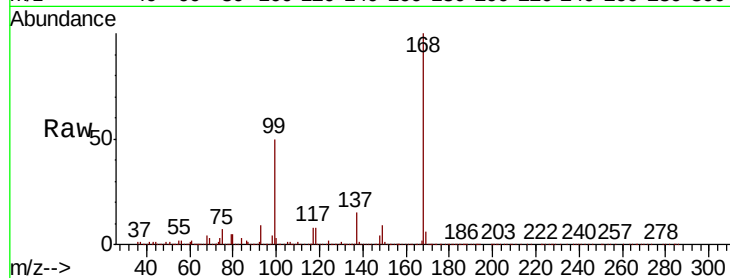
VSTDCCC050

Tot Ion:168 Resp: 451374

Ion Ratio Lower Upper

168 100

99 50.1 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

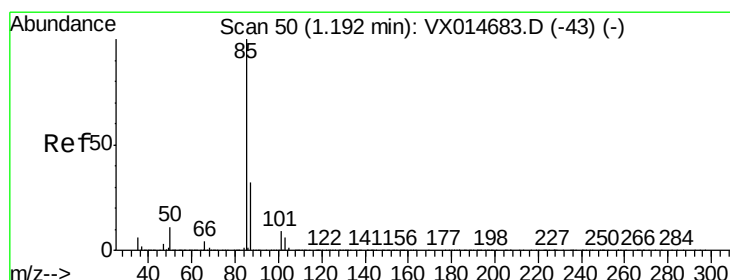
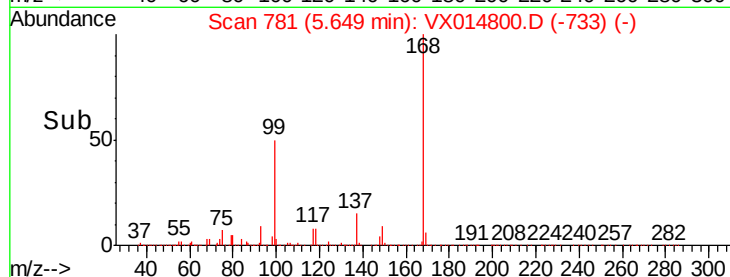
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 42.122 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014800.D

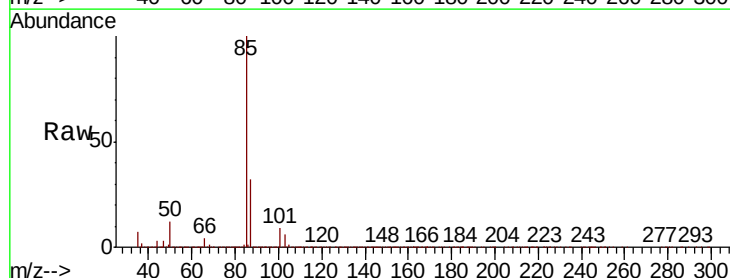
Acq: 04 Feb 2020 10:19

Tgt Ion: 85 Resp: 254687

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

150000

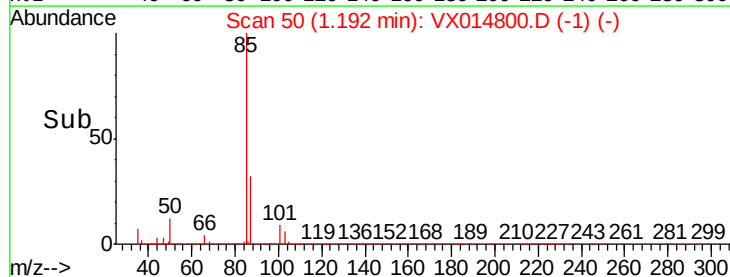
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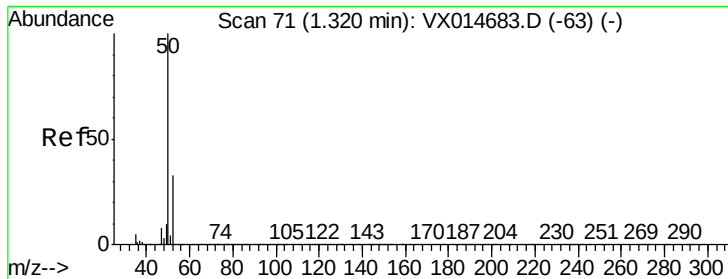
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.389 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

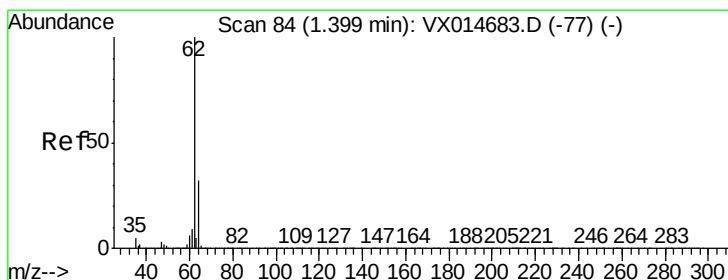
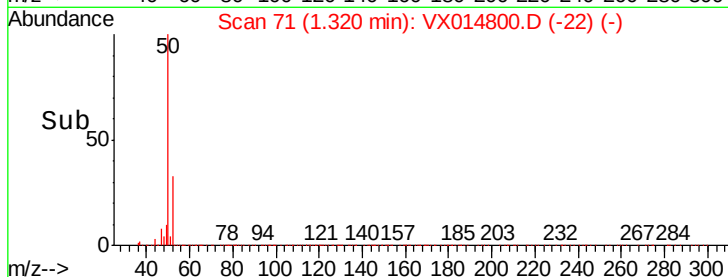
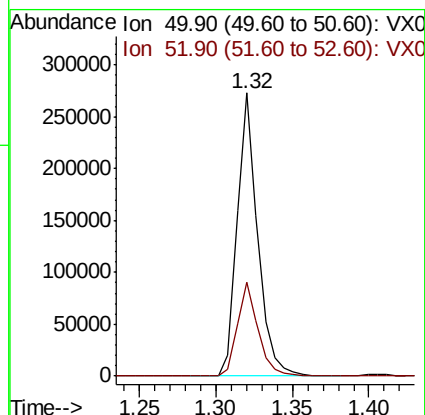
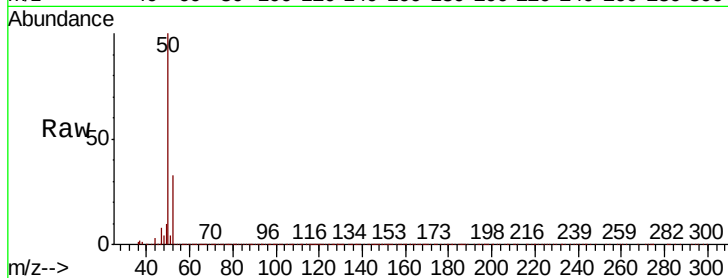
VSTDCCC050

Tot Ion: 50 Resp: 252731

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 44.218 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014800.D

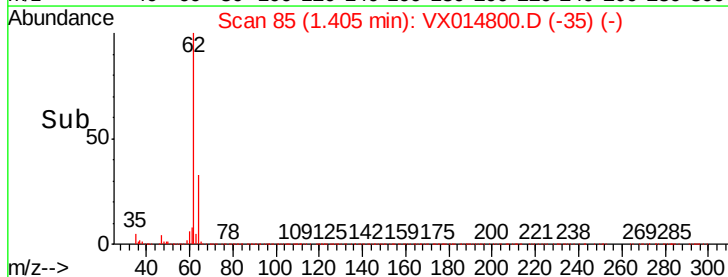
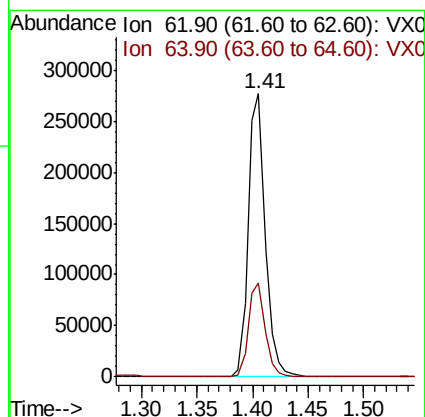
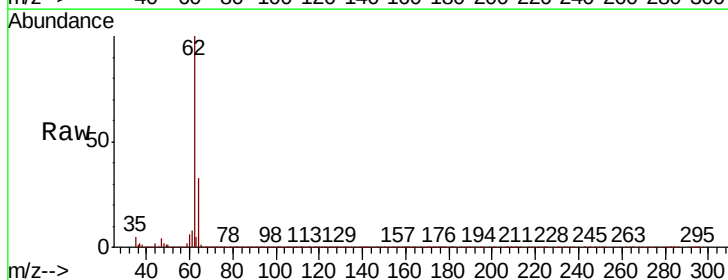
Acq: 04 Feb 2020 10:19

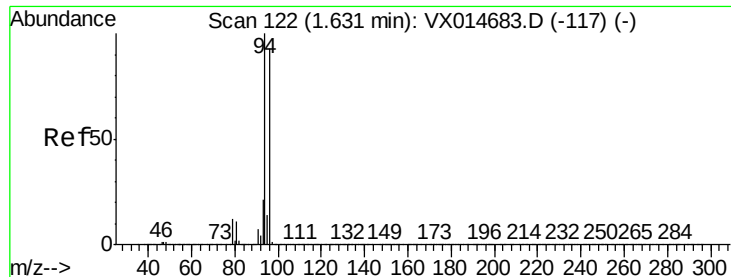
Tgt Ion: 62 Resp: 291939

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 41.397 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

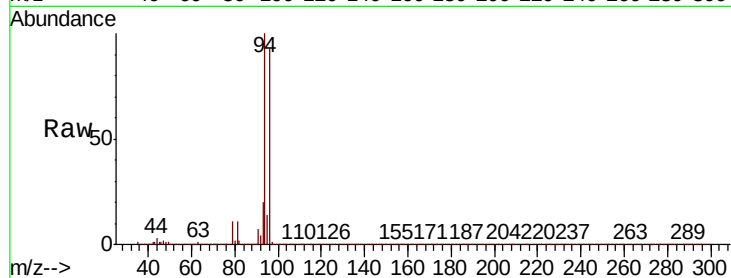
VSTDCCC050

Tot Ion: 94 Resp: 185648

Ion Ratio Lower Upper

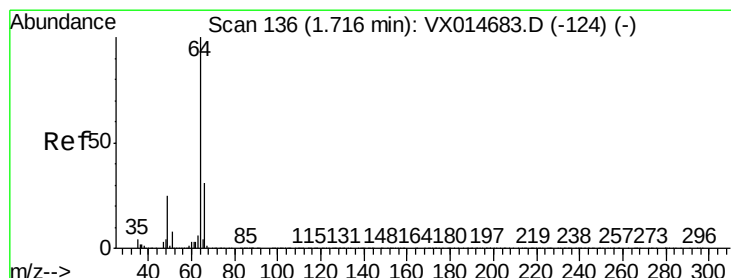
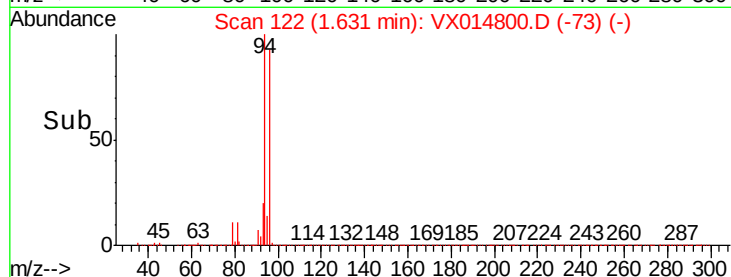
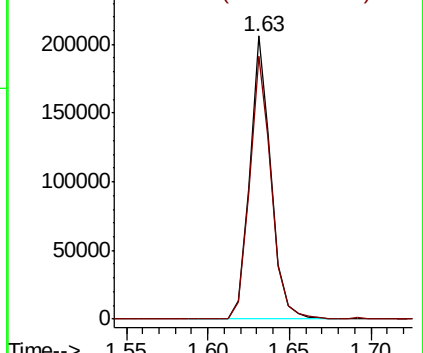
94 100

96 92.7 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.080 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014800.D

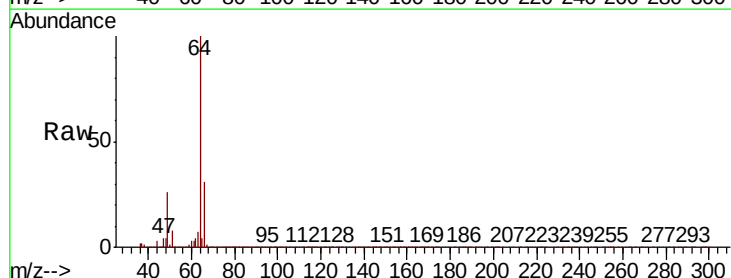
Acq: 04 Feb 2020 10:19

Tgt Ion: 64 Resp: 167126

Ion Ratio Lower Upper

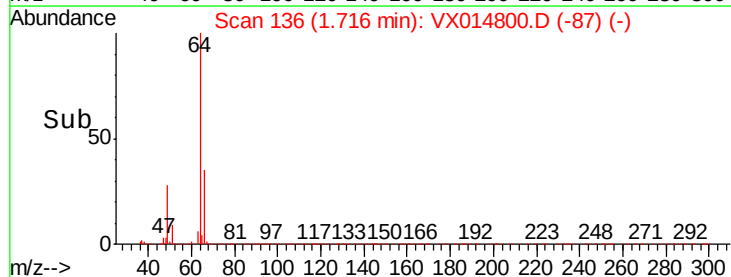
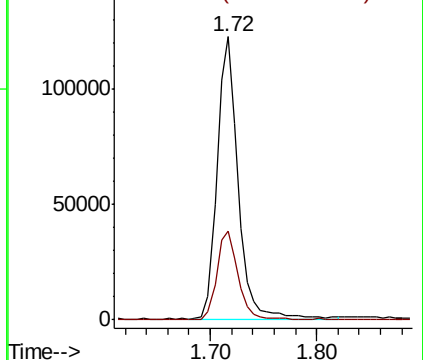
64 100

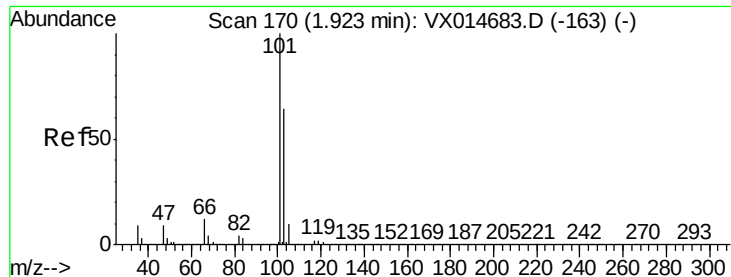
66 31.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



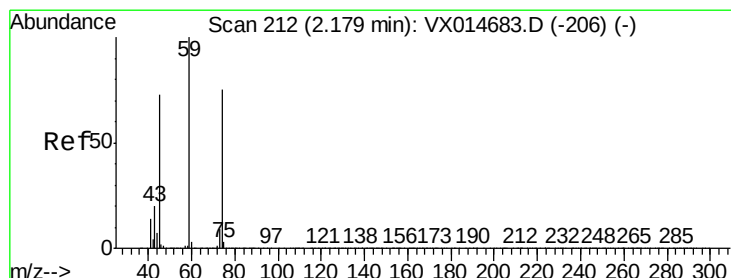
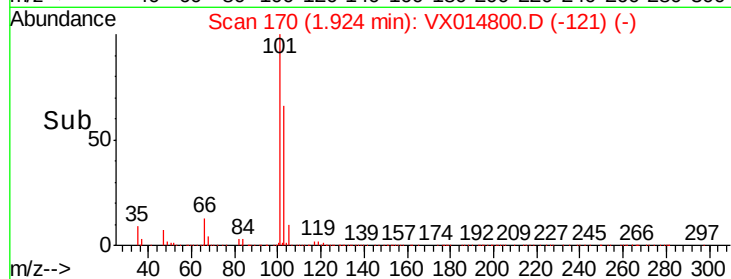
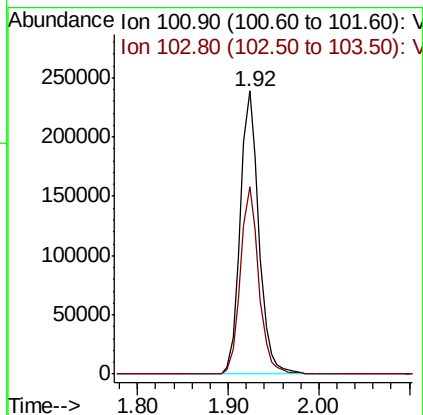
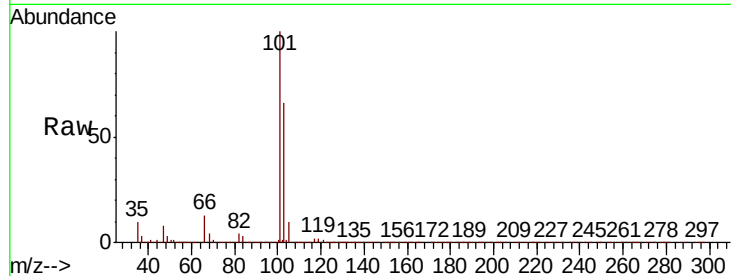


#7

Trichlorofluoromethane
Concen: 44.147 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

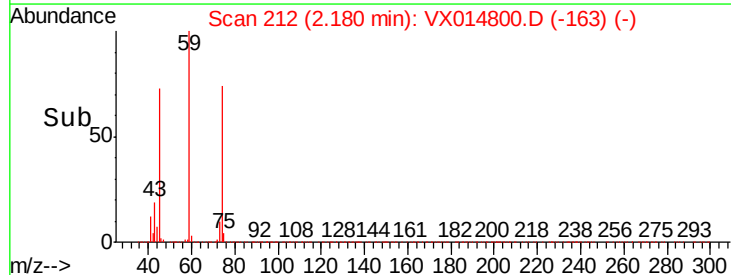
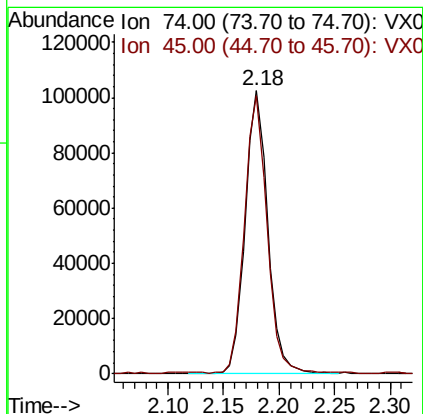
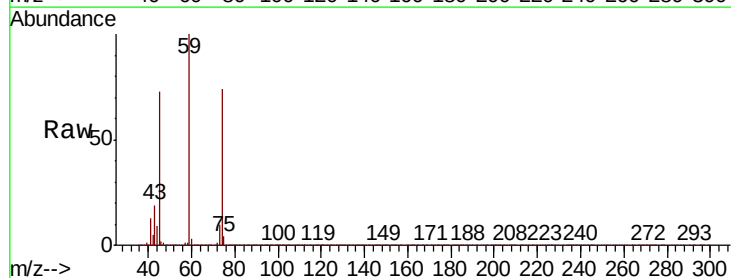
Tot Ion:101 Resp: 339388
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.6

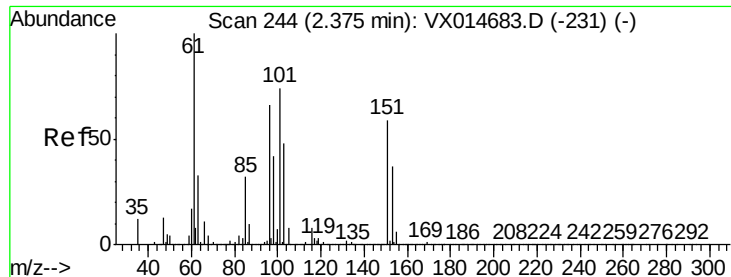


#8

Diethyl Ether
Concen: 43.136 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 74 Resp: 144745
Ion Ratio Lower Upper
74 100
45 97.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.504 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

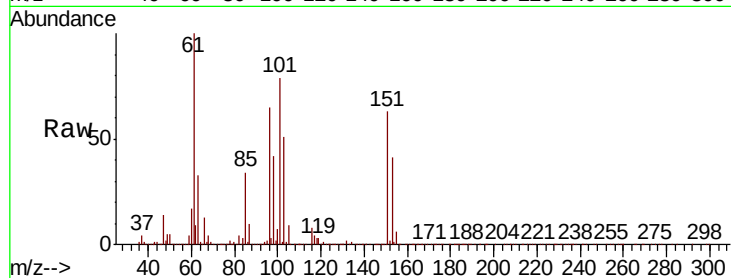
Tot Ion:101 Resp: 205358

Ion Ratio Lower Upper

101 100

85 42.9 34.7 52.1

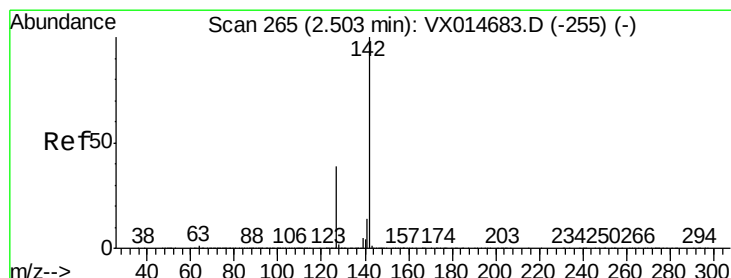
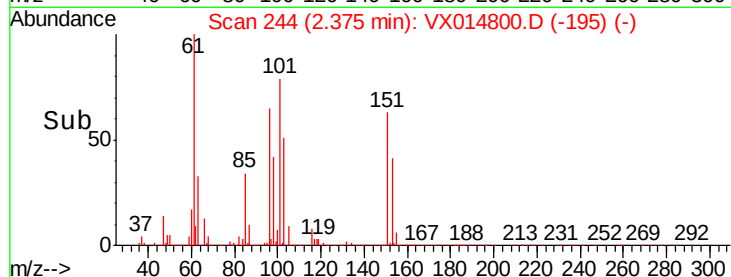
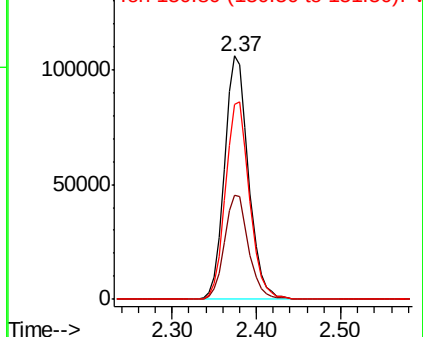
151 82.1 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.627 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

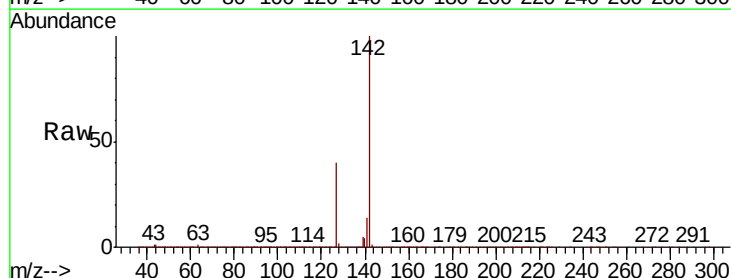
Tgt Ion:142 Resp: 276113

Ion Ratio Lower Upper

142 100

127 39.3 31.1 46.7

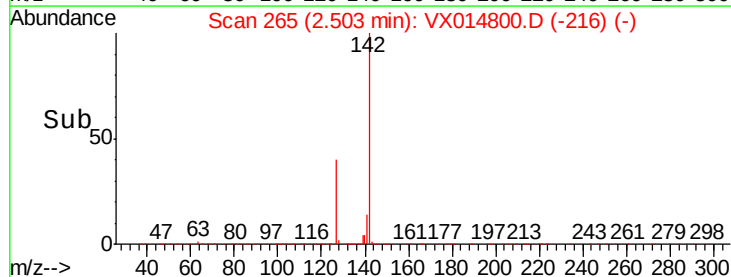
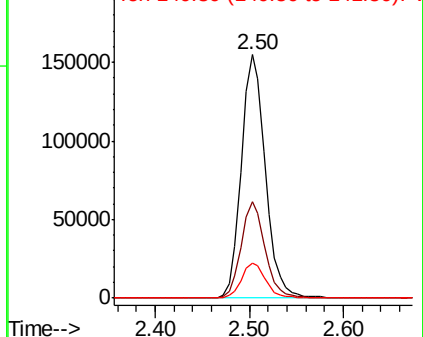
141 14.5 11.3 16.9

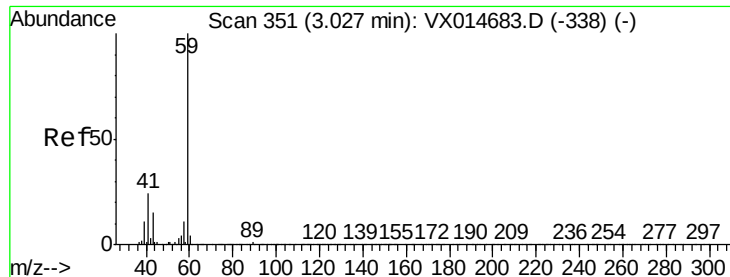


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



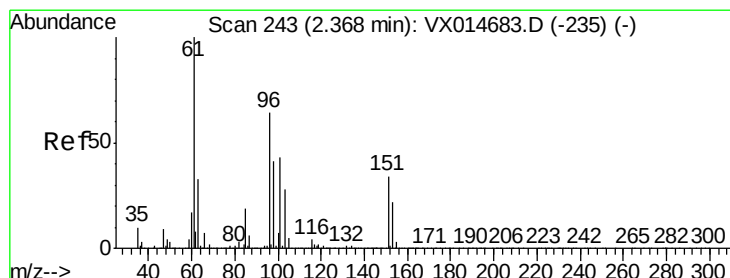
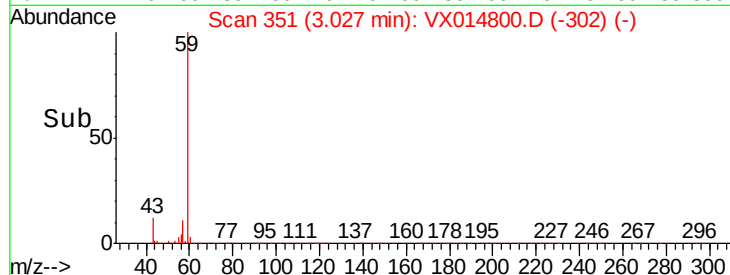
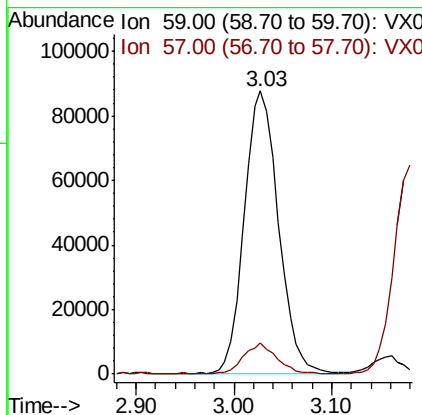
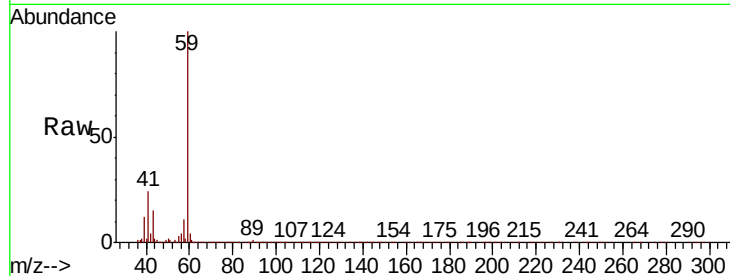


#11

Tert butyl alcohol
 Concen: 180.822 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

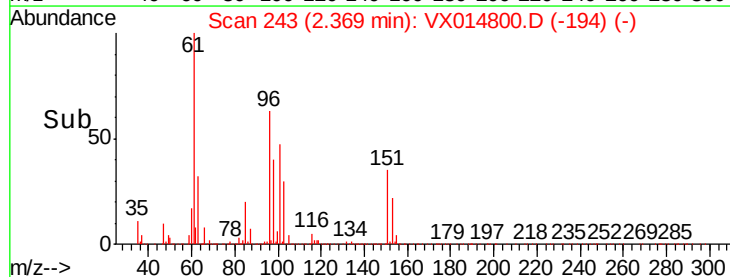
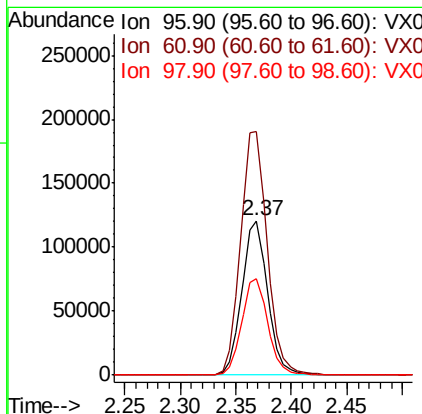
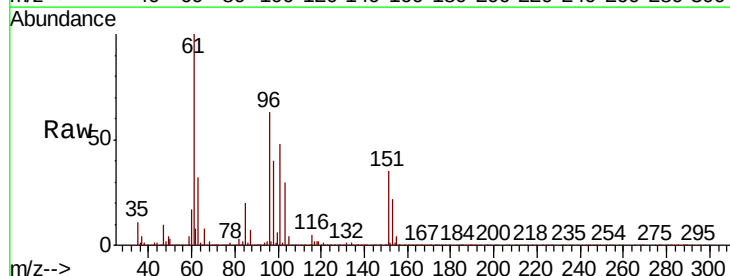
Tot Ion: 59 Resp: 213983
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

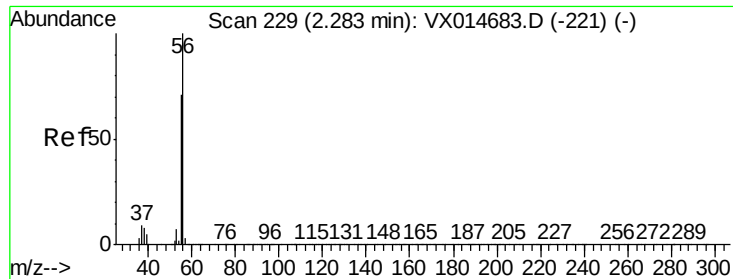


#12

1,1-Dichloroethene
 Concen: 42.974 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion: 96 Resp: 192829
 Ion Ratio Lower Upper
 96 100
 61 157.8 125.8 188.8
 98 62.8 51.5 77.3

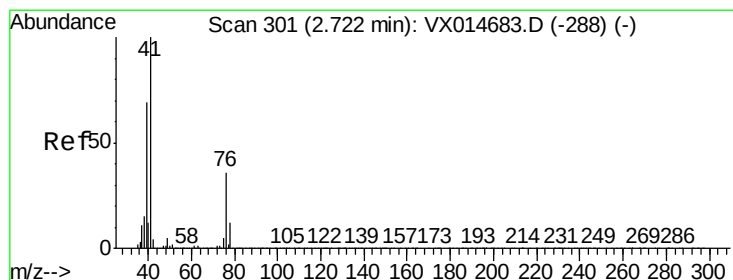
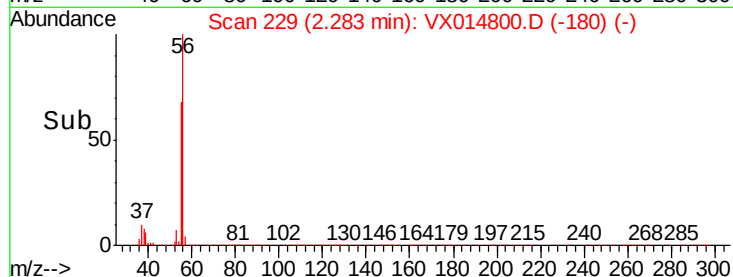
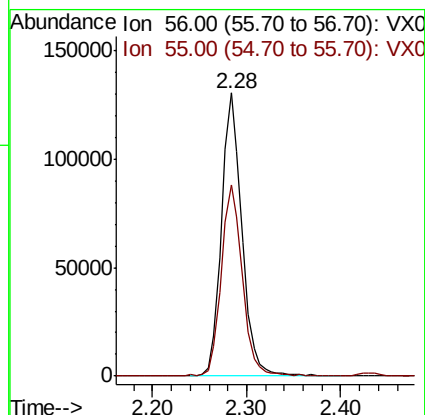
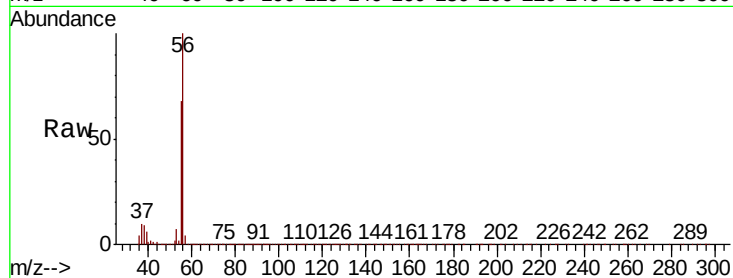




#13
Acrolein
Concen: 208.502 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

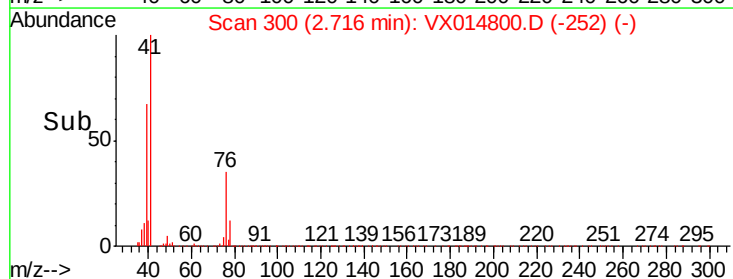
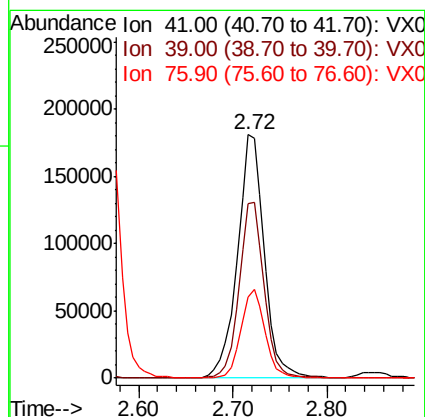
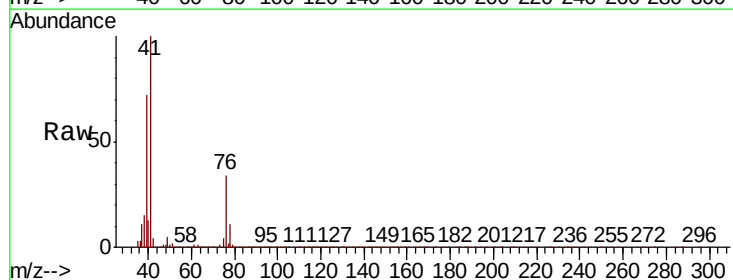
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

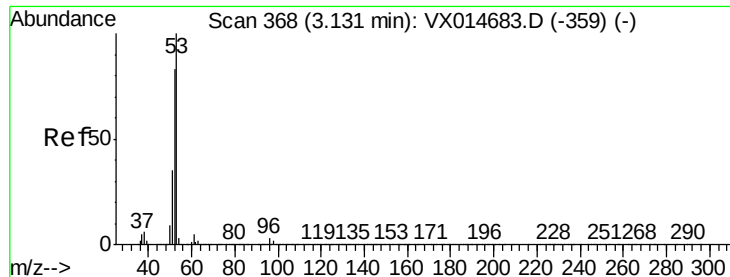
Tot Ion: 56 Resp: 194548
Ion Ratio Lower Upper
56 100
55 69.5 56.6 84.8



#14
Allyl chloride
Concen: 44.311 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 41 Resp: 357376
Ion Ratio Lower Upper
41 100
39 67.0 52.0 78.0
76 32.5 26.0 39.0





#15

Acrylonitrile

Concen: 211.695 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

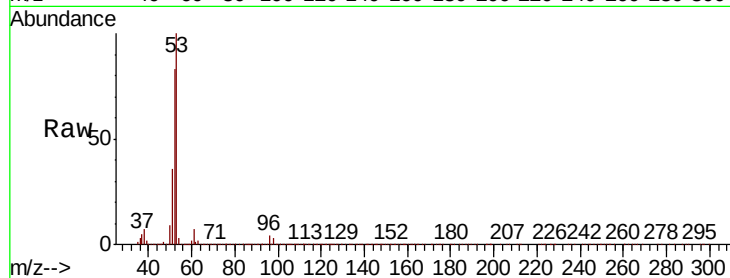
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 579641

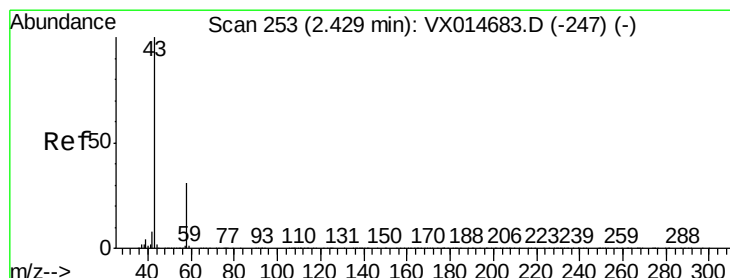
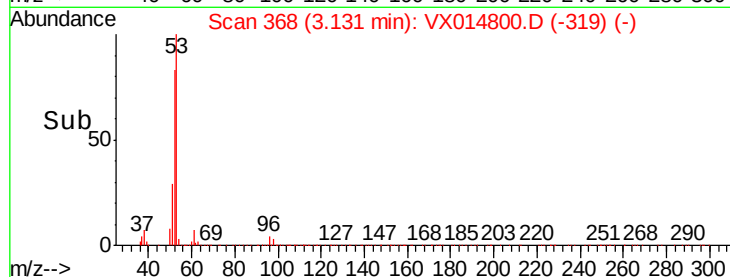
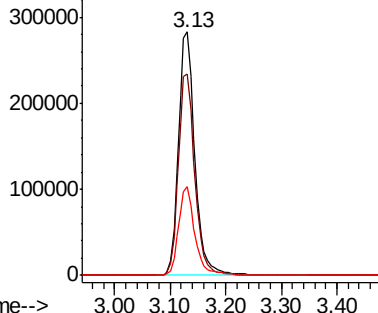
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.4	99.6
51	36.1	28.7	43.1



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: 203.950 ug/l

RT: 2.43 min Scan# 253

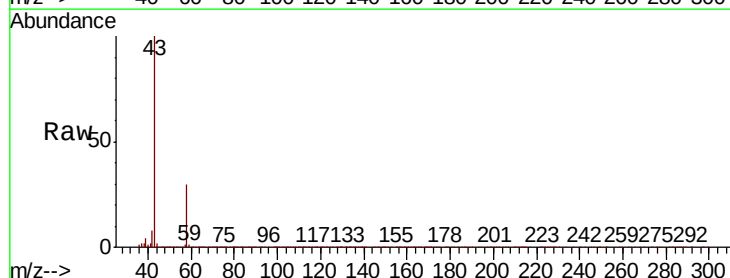
Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

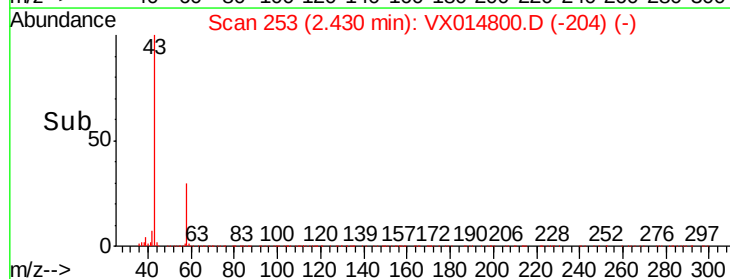
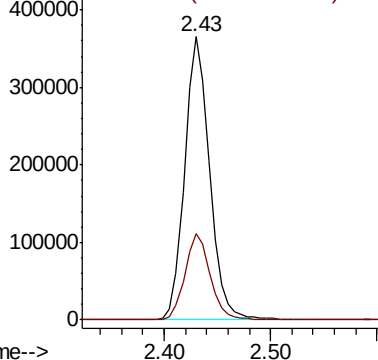
Tgt Ion: 43 Resp: 589101

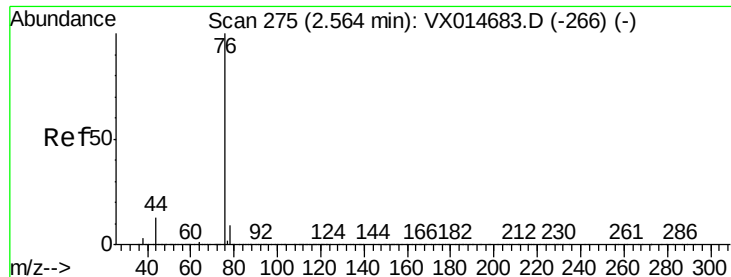
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.173 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

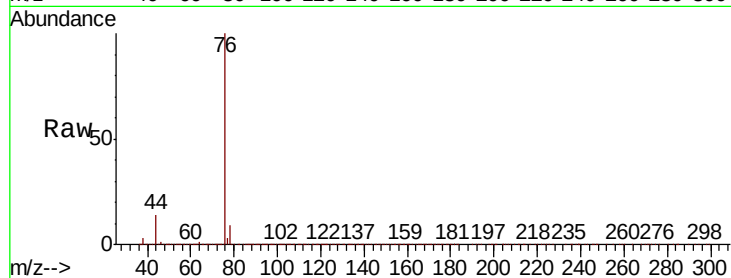
VSTDCCC050

Tot Ion: 76 Resp: 492666

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

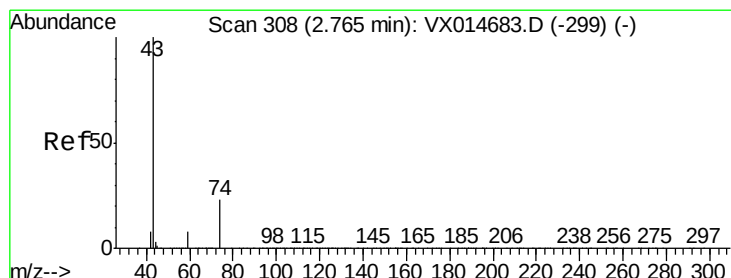
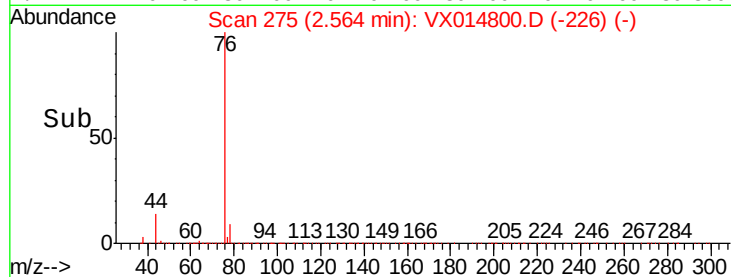
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 43.273 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014800.D

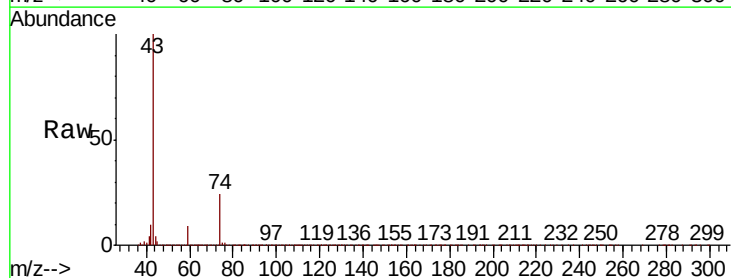
Acq: 04 Feb 2020 10:19

Tgt Ion: 43 Resp: 356832

Ion Ratio Lower Upper

43 100

74 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

200000

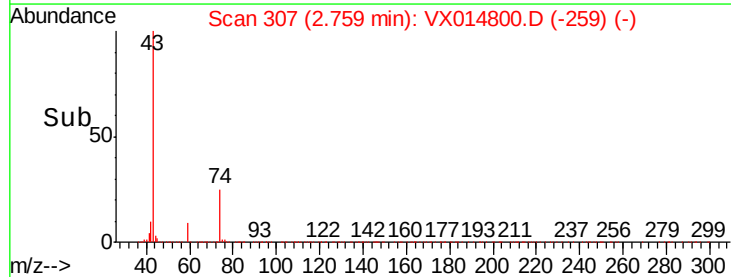
150000

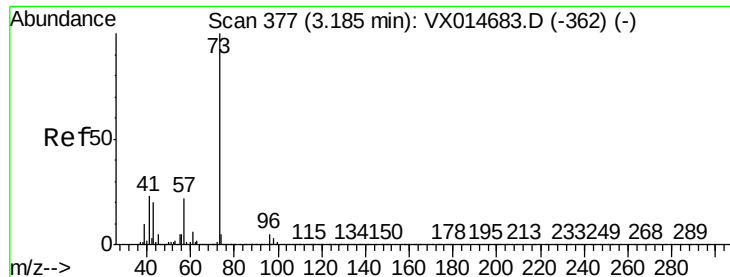
100000

50000

0

Time-->



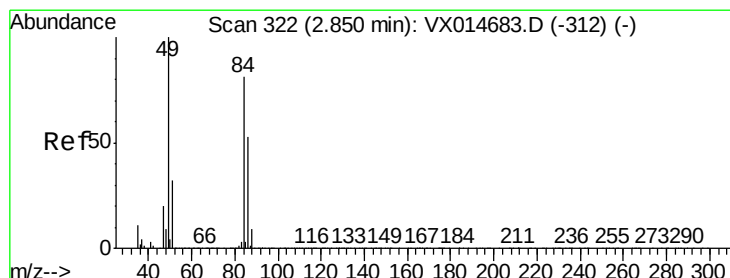
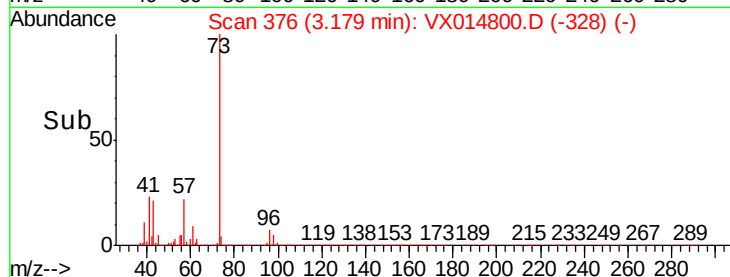
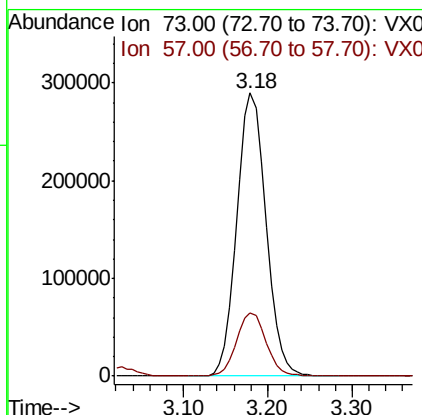
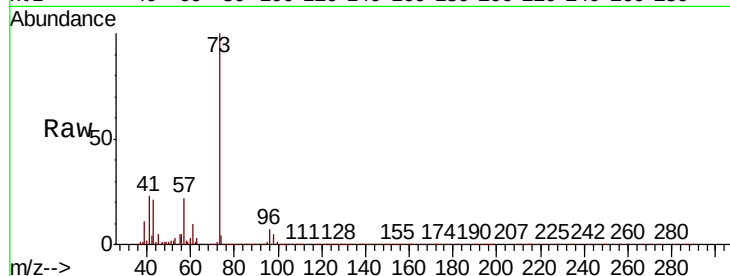


#19

Methyl tert-butyl Ether
 Concen: 46.009 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

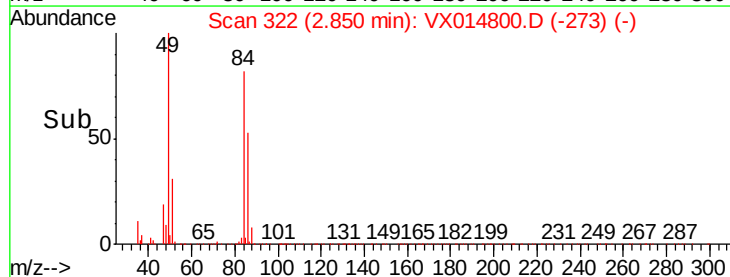
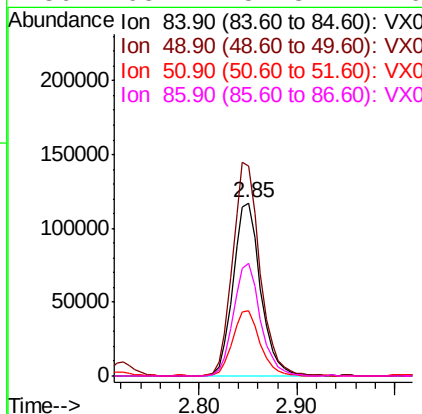
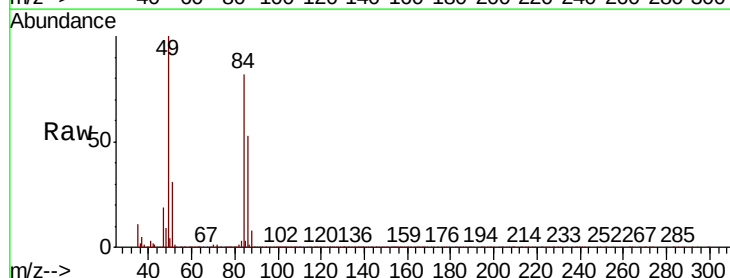
Tot Ion: 73 Resp: 676195
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.0 27.0

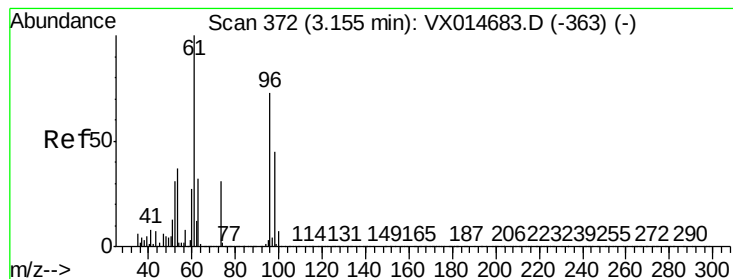


#20

Methylene Chloride
 Concen: 42.682 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion: 84 Resp: 228158
 Ion Ratio Lower Upper
 84 100
 49 121.6 98.2 147.4
 51 37.7 31.3 46.9
 86 65.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 42.873 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

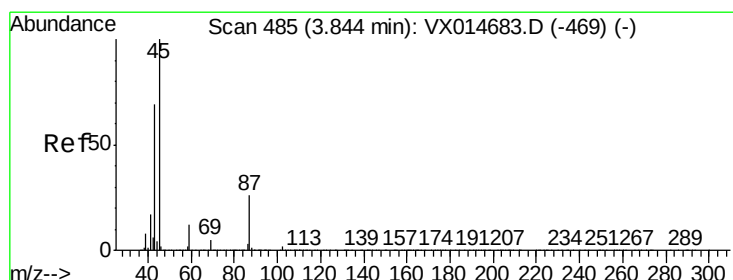
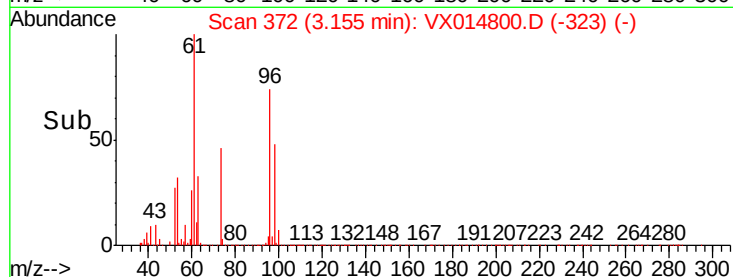
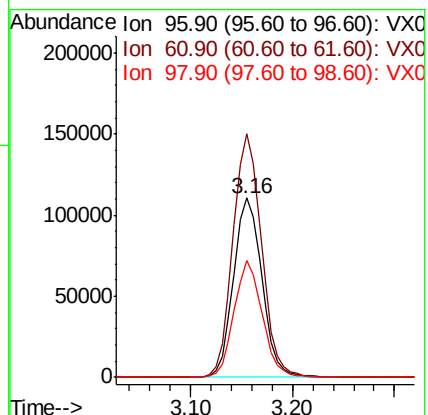
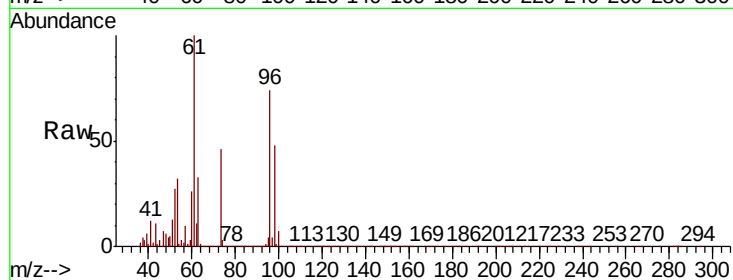
Tot Ion: 96 Resp: 211816

Ion Ratio Lower Upper

96 100

61 136.0 109.8 164.6

98 65.3 49.6 74.4



#22

Diisopropyl ether

Concen: 46.319 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion: 45 Resp: 743247

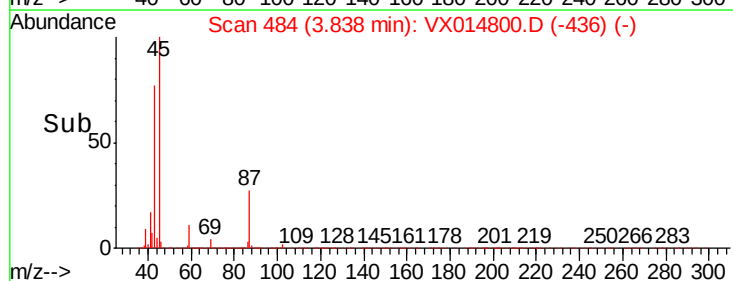
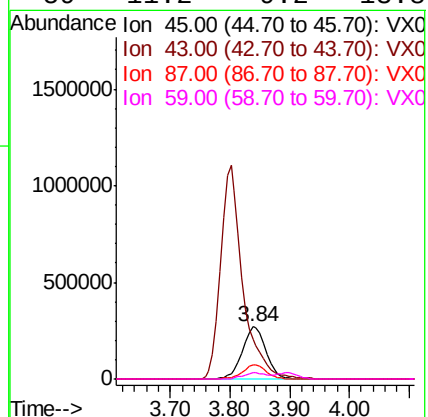
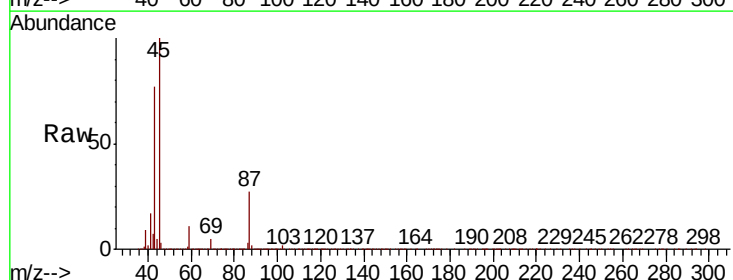
Ion Ratio Lower Upper

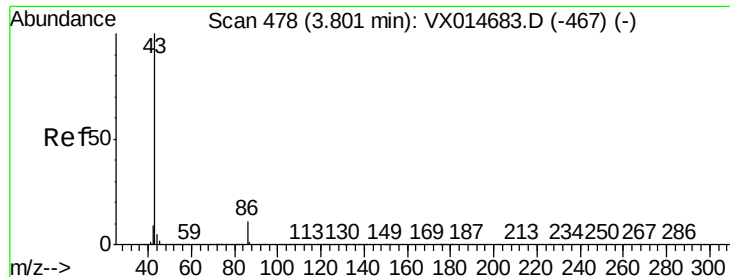
45 100

43 76.7 55.1 82.7

87 27.0 20.7 31.1

59 11.2 9.2 13.8





#23

Vinyl Acetate

Concen: 233.560 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

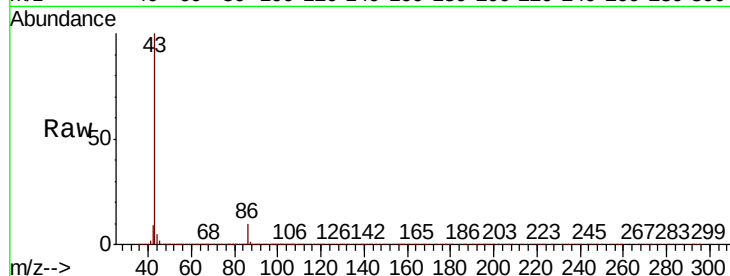
VSTDCCC050

Tot Ion: 43 Resp: 2856863

Ion Ratio Lower Upper

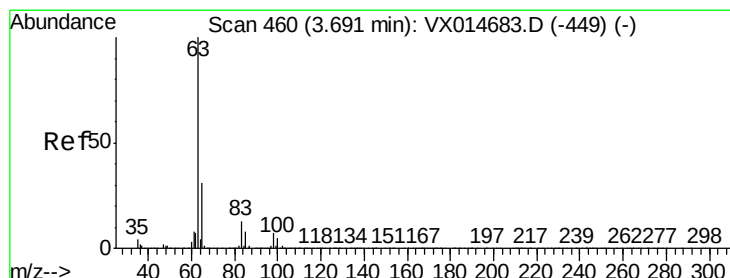
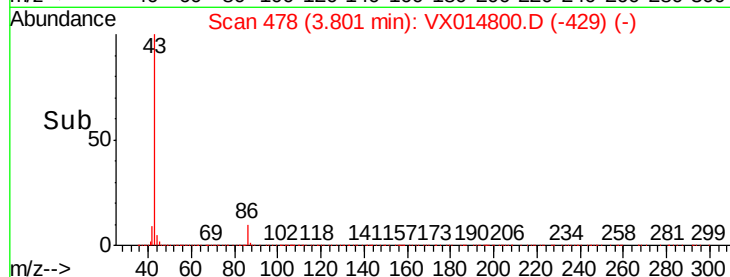
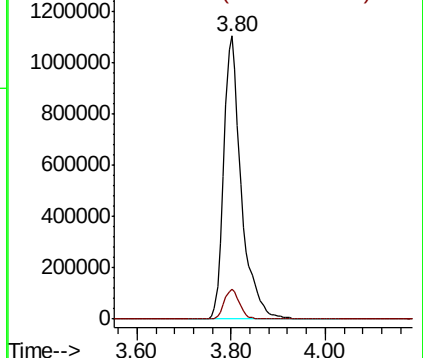
43 100

86 10.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.288 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

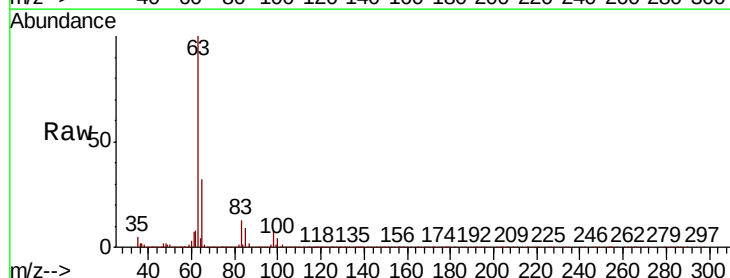
Tgt Ion: 63 Resp: 394650

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

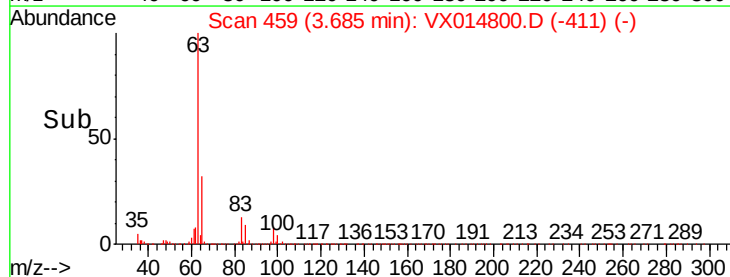
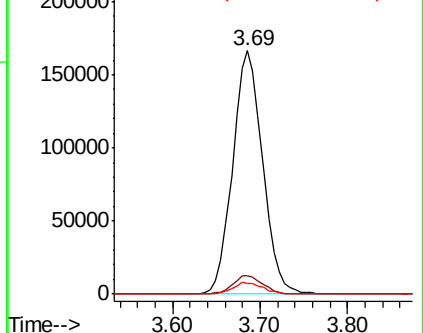
100 4.2 2.2 6.6

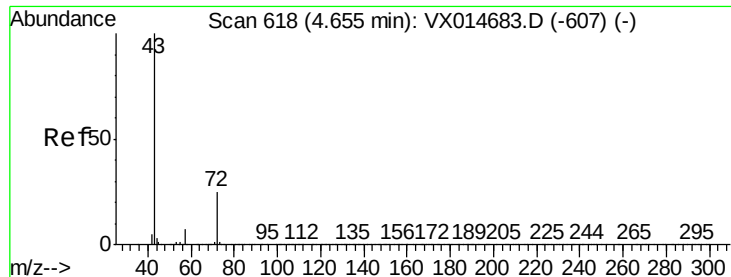


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 209.130 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

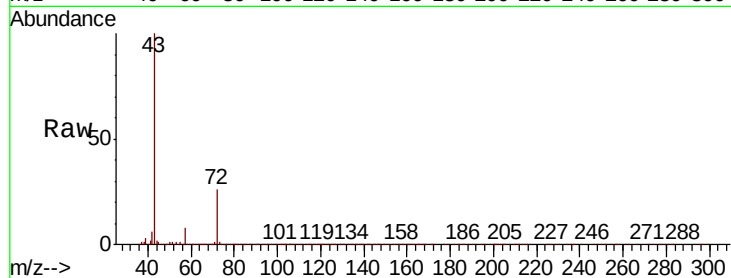
VSTDCCC050

Tot Ion: 43 Resp: 865590

Ion Ratio Lower Upper

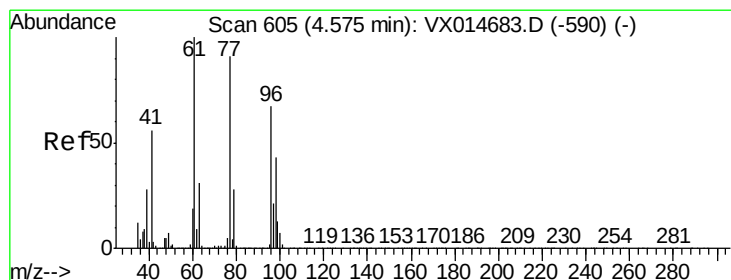
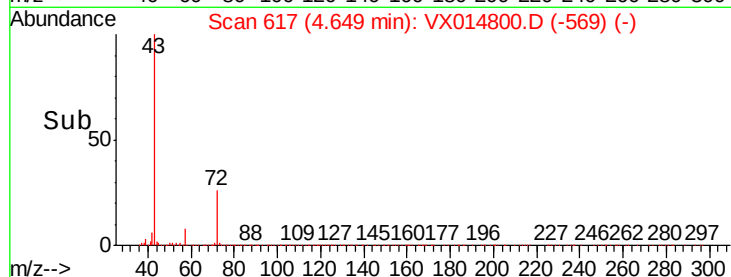
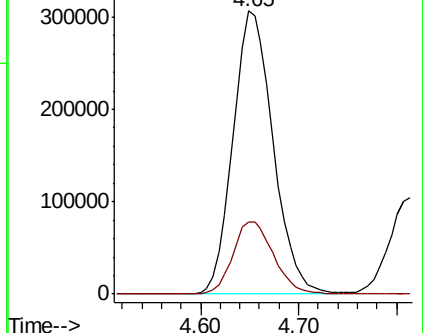
43 100

72 25.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.989 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014800.D

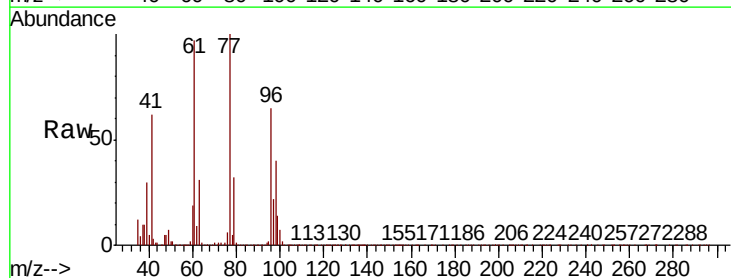
Acq: 04 Feb 2020 10:19

Tgt Ion: 77 Resp: 327748

Ion Ratio Lower Upper

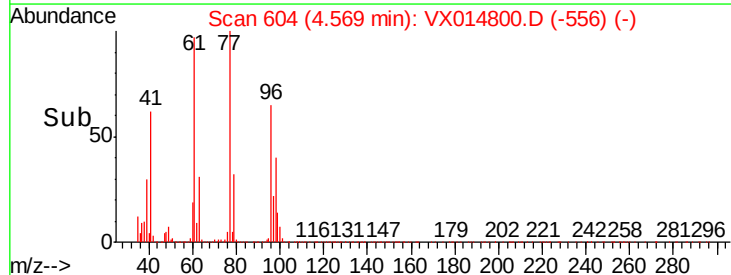
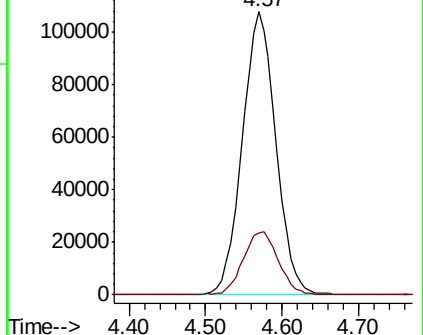
77 100

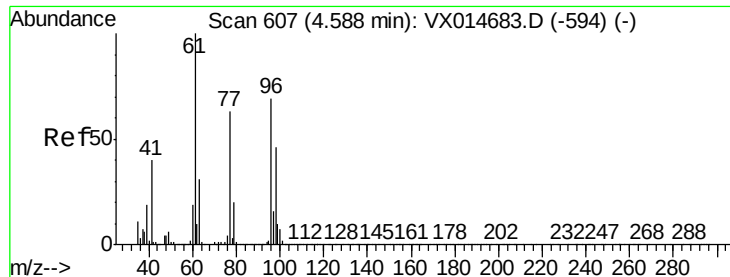
97 23.2 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



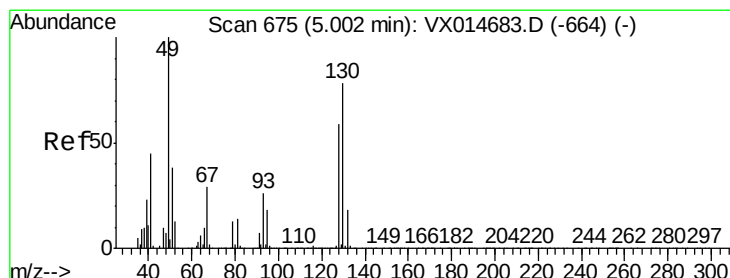
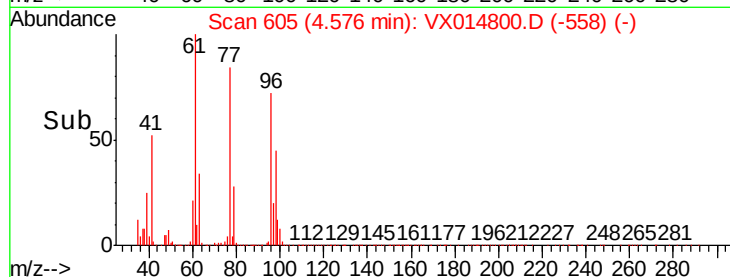
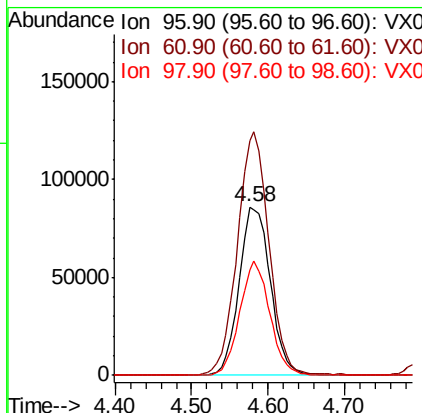
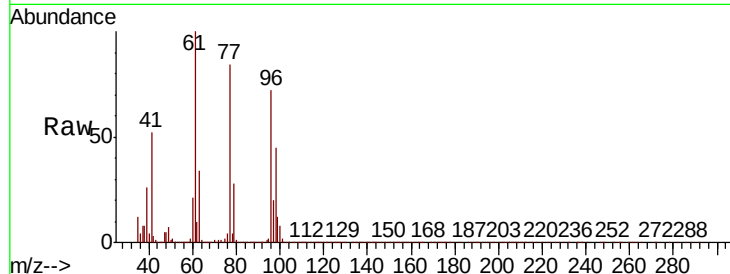


#27

cis-1,2-Dichloroethene
 Concen: 44.082 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

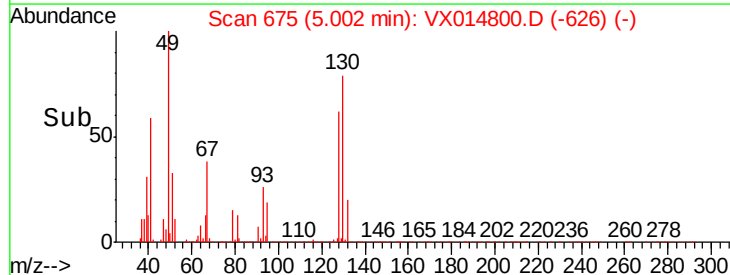
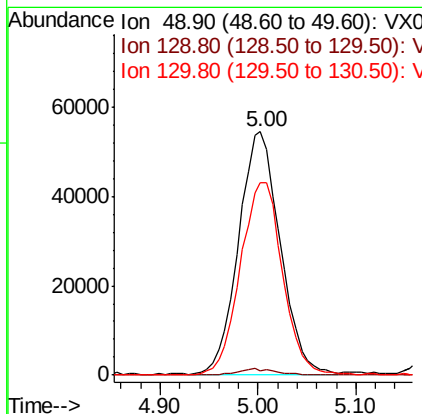
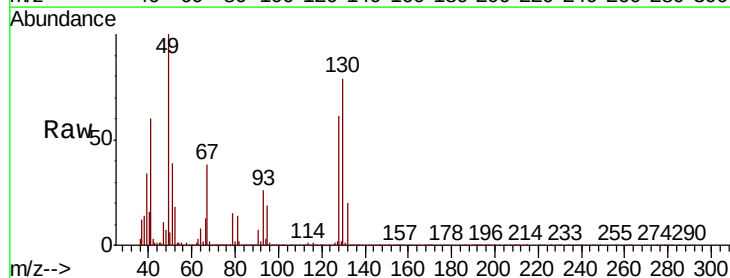
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	291.0
98	65.3	0.0	129.8

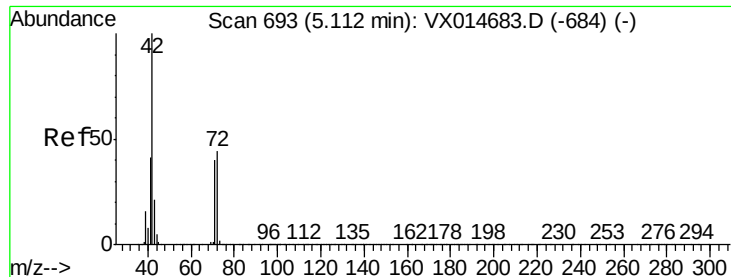


#28

Bromochloromethane
 Concen: 41.903 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	80.6	62.4	93.6





#29

Tetrahydrofuran

Concen: 206.780 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

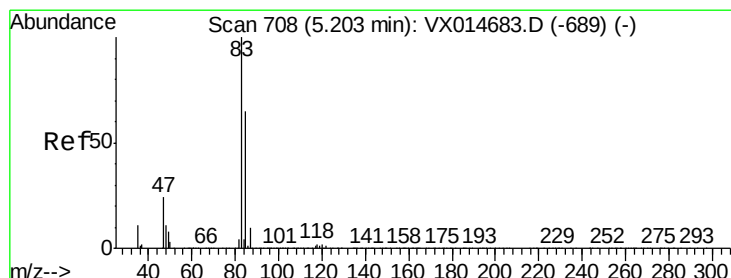
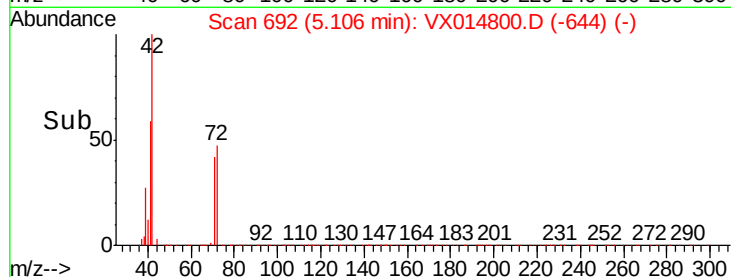
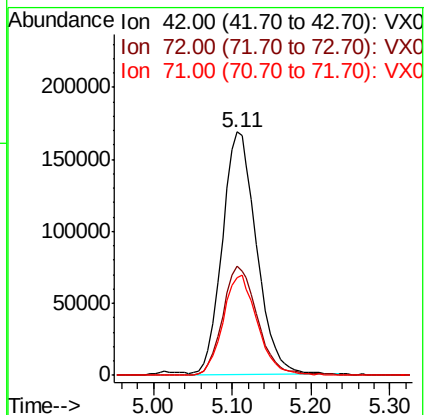
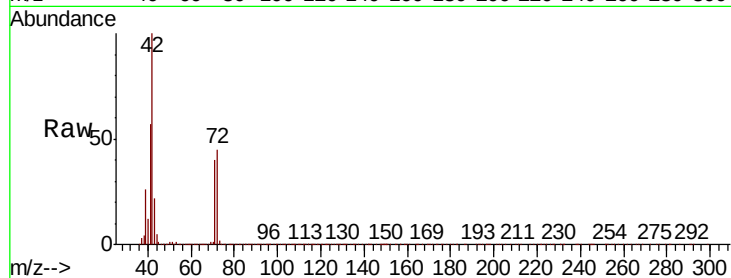
Tot Ion: 42 Resp: 507969

Ion Ratio Lower Upper

42 100

72 45.8 35.3 52.9

71 41.5 33.1 49.7



#30

Chloroform

Concen: 45.282 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014800.D

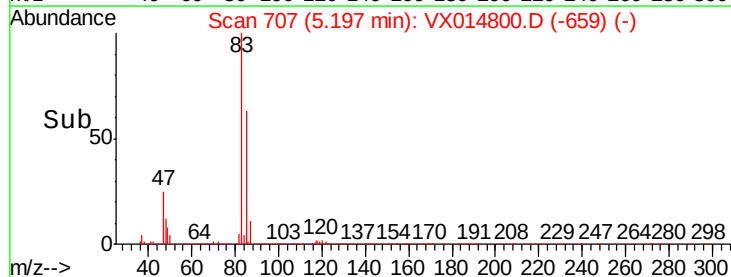
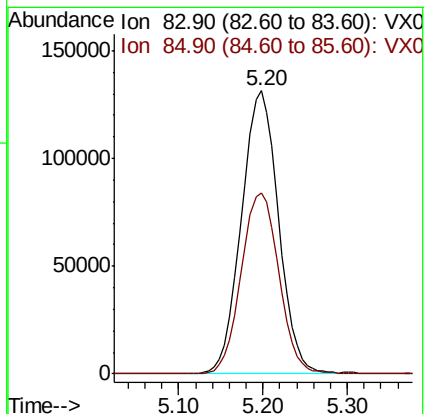
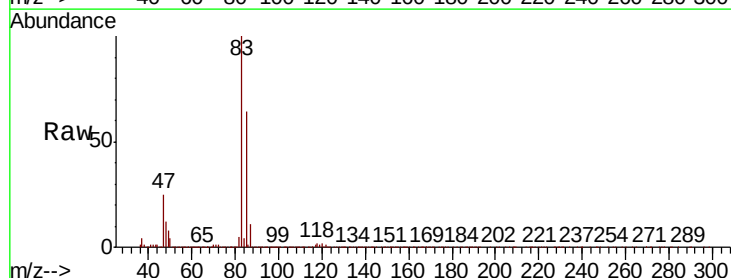
Acq: 04 Feb 2020 10:19

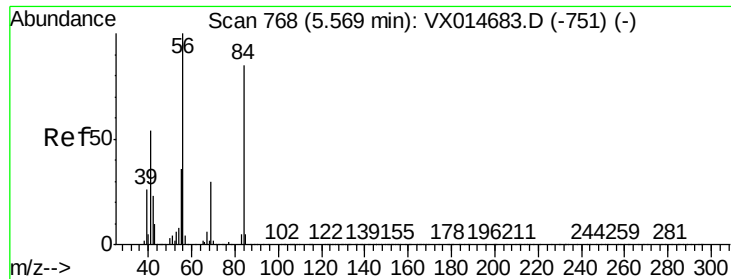
Tgt Ion: 83 Resp: 390897

Ion Ratio Lower Upper

83 100

85 64.0 51.7 77.5

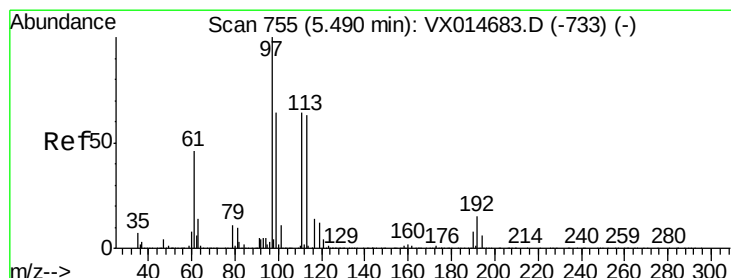
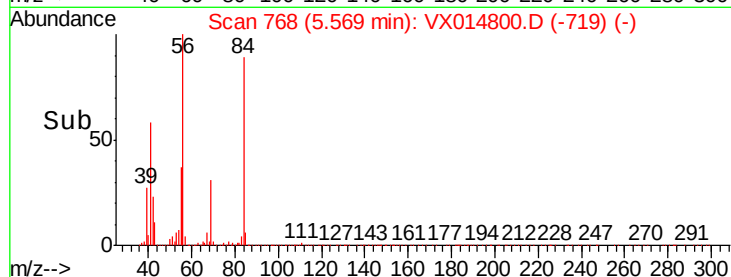
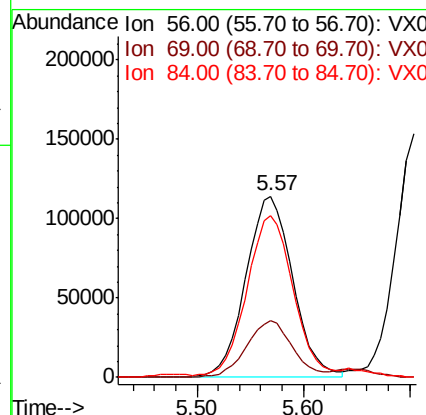
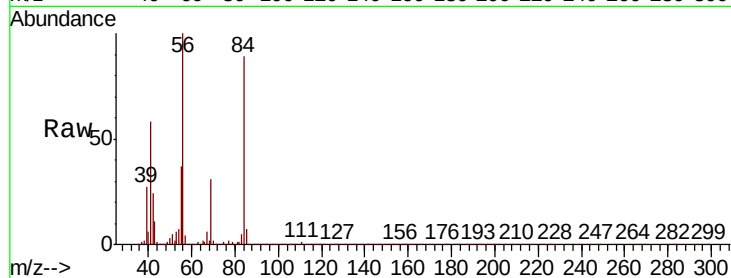




#31
Cyclohexane
Concen: 42.666 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

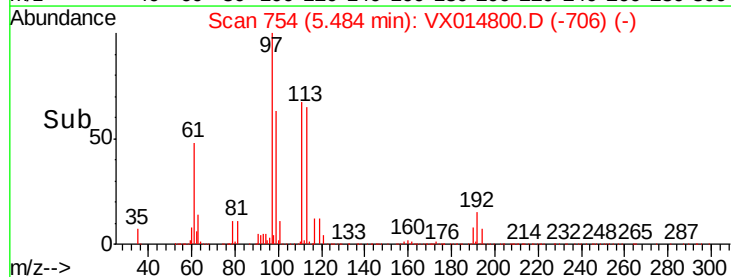
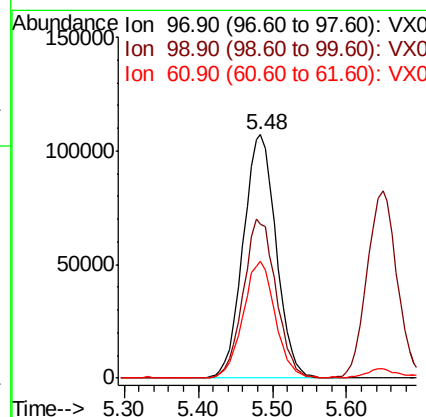
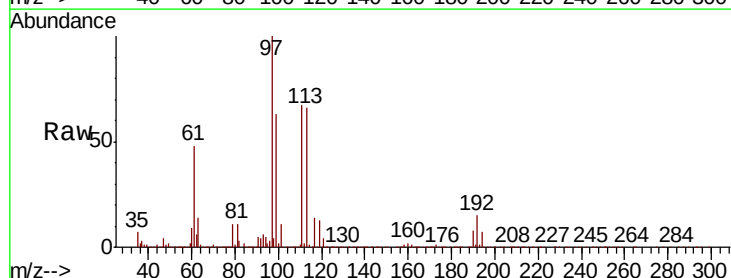
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

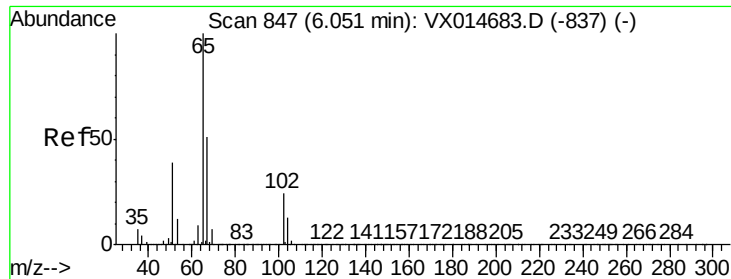
Tot Ion: 56 Resp: 349702
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 88.2 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 45.536 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 97 Resp: 332267
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 47.1 37.2 55.8

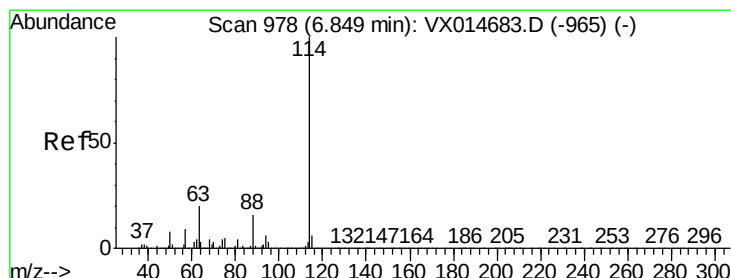
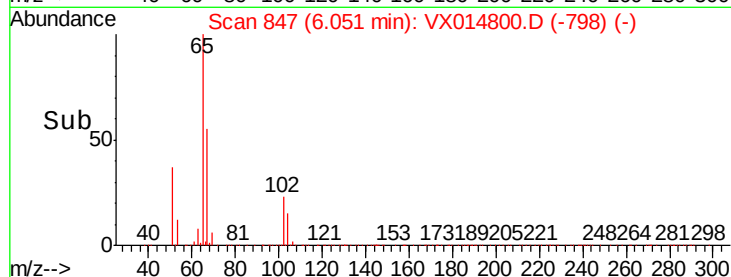
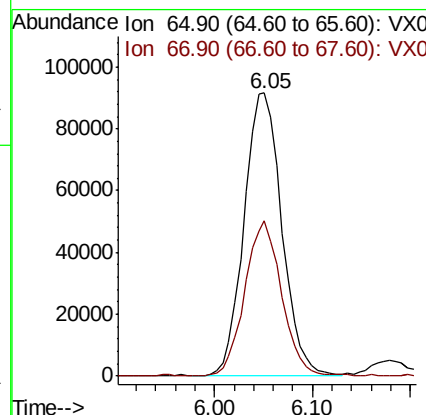
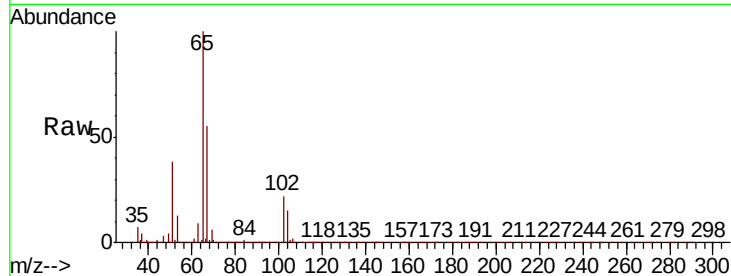




#33
 1,2-Dichloroethane-d4
 Concen: 46.231 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

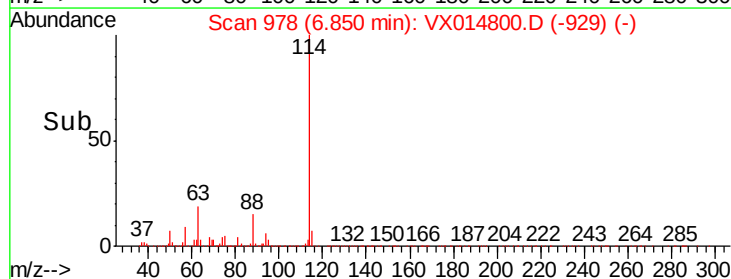
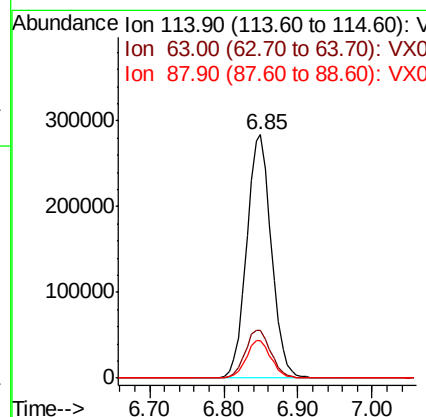
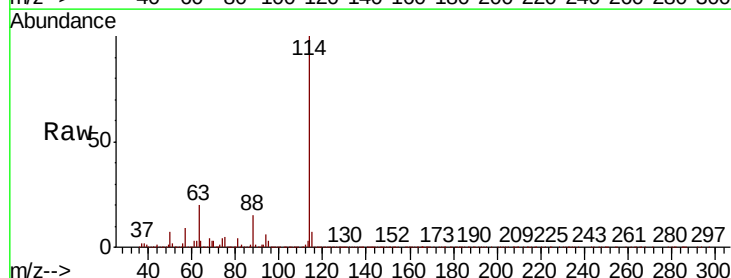
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

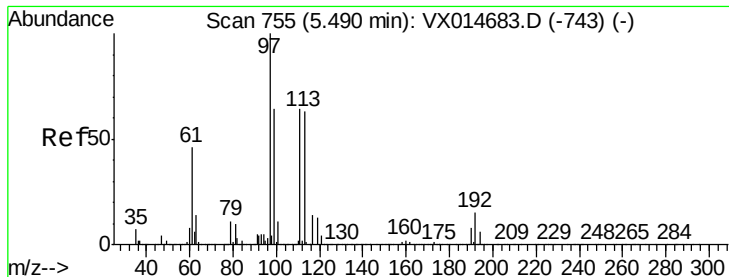
Tot Ion: 65 Resp: 243681
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion: 114 Resp: 661443
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.120 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

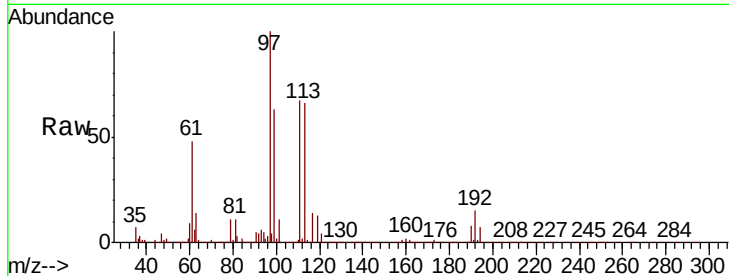
Tot Ion:113 Resp: 200838

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

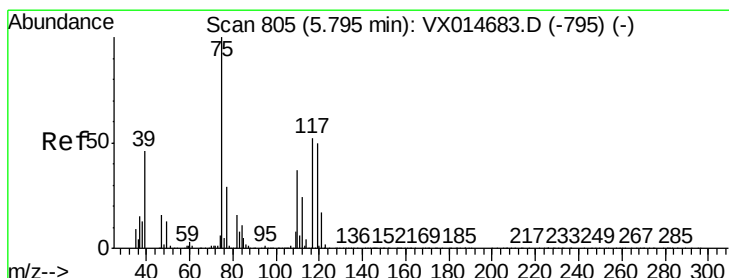
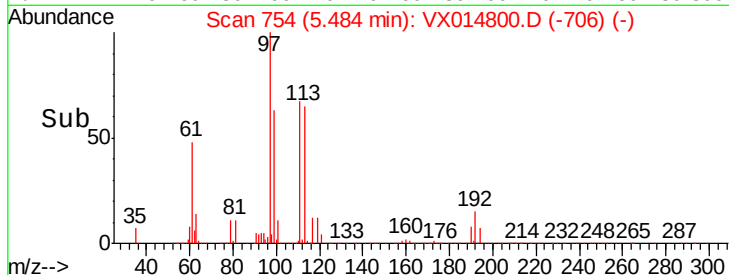
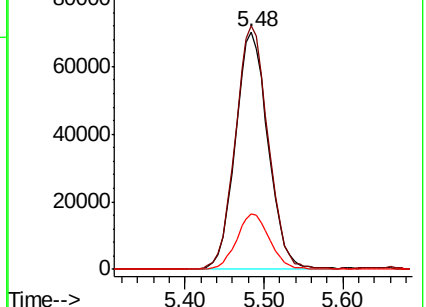
192 23.5 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.004 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

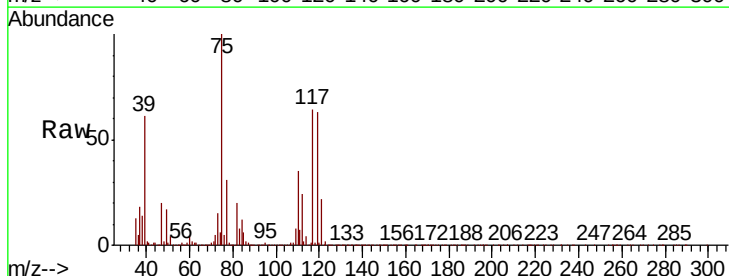
Tgt Ion: 75 Resp: 295037

Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.7

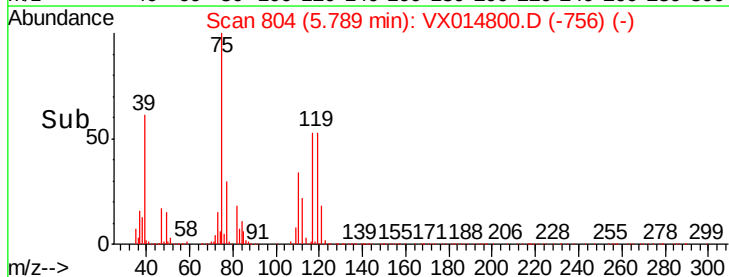
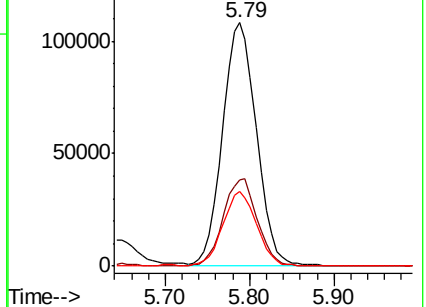
77 30.3 24.1 36.1

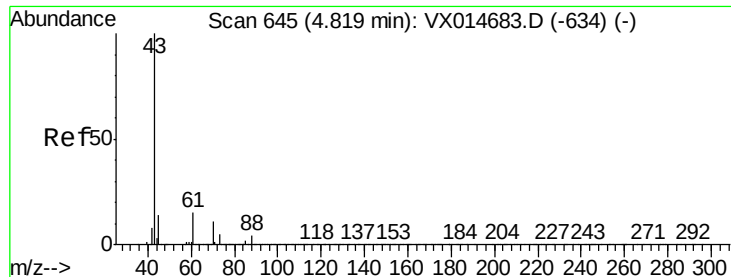


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

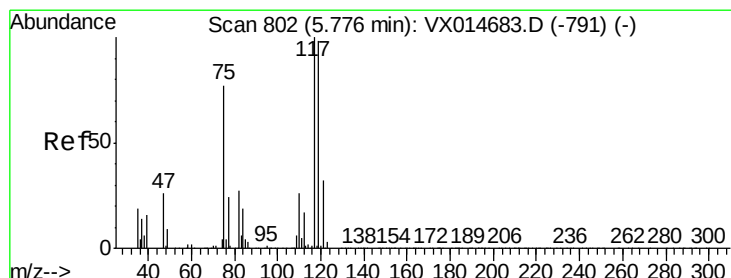
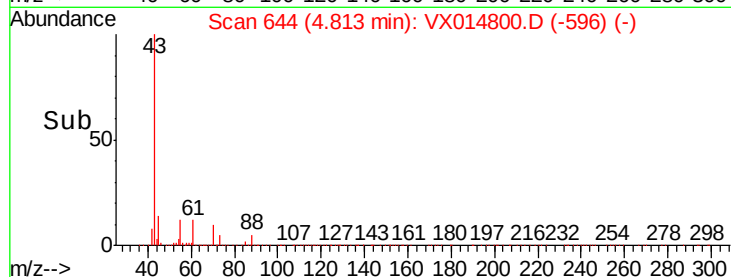
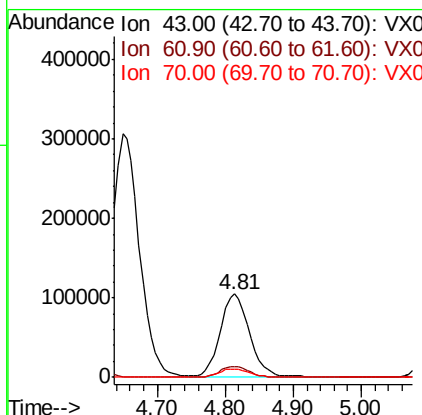
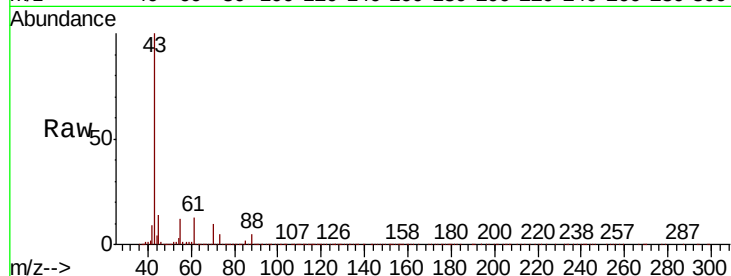




#37
Ethyl Acetate
Concen: 44.205 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

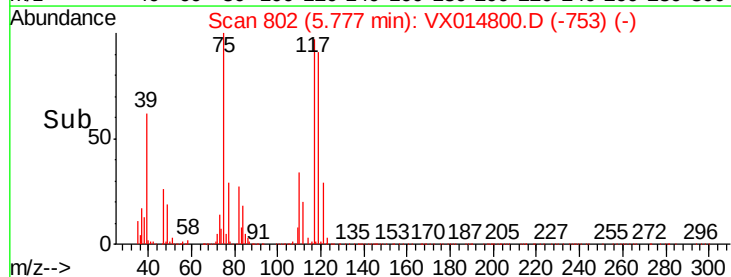
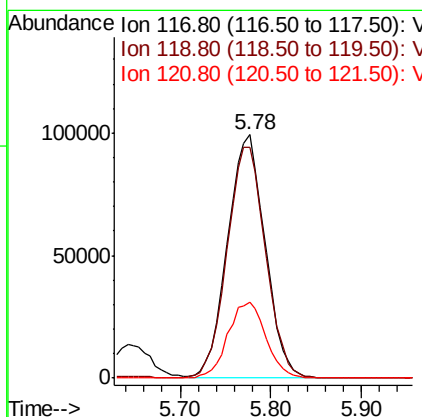
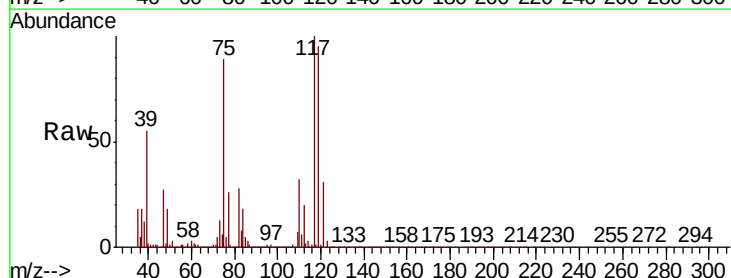
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

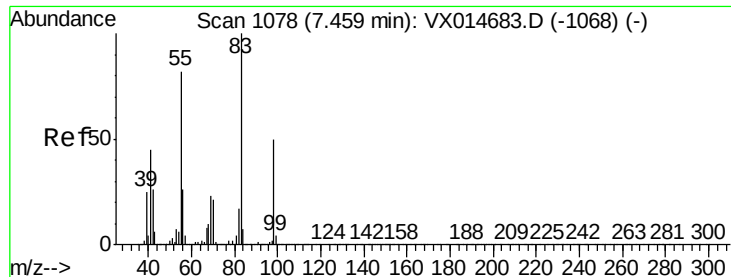
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	10.4	8.5	12.7



#38
Carbon Tetrachloride
Concen: 48.481 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.9	116.9
121	31.1	25.4	38.2

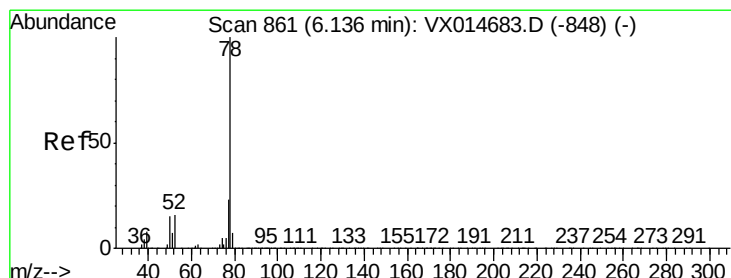
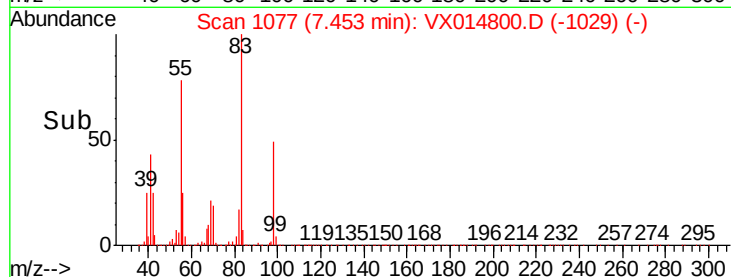
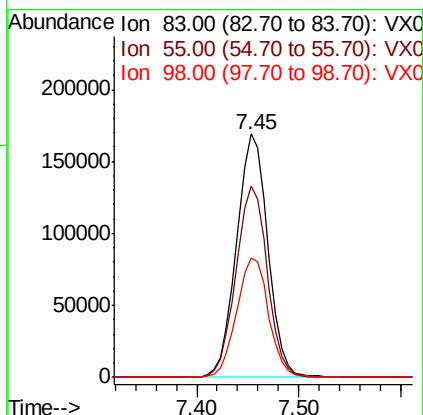
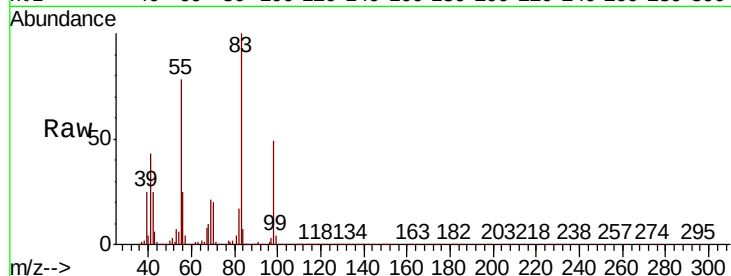




#39
Methylvlcyclohexane
Concen: 46.577 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

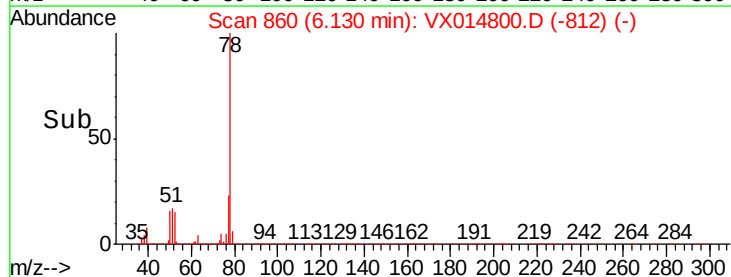
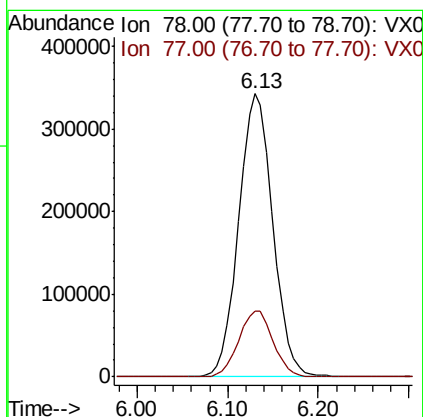
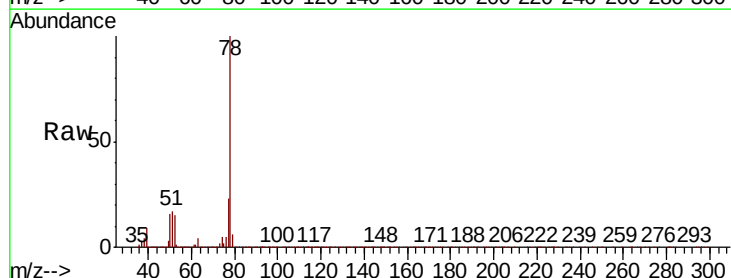
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

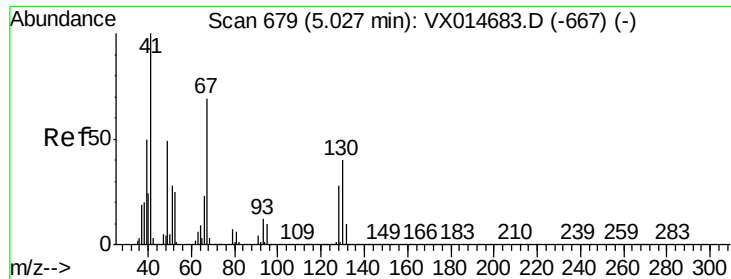
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.6	98.4
98	48.9	40.2	60.4



#40
Benzene
Concen: 46.831 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





#41

Methacrylonitrile

Concen: 43.849 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 176225

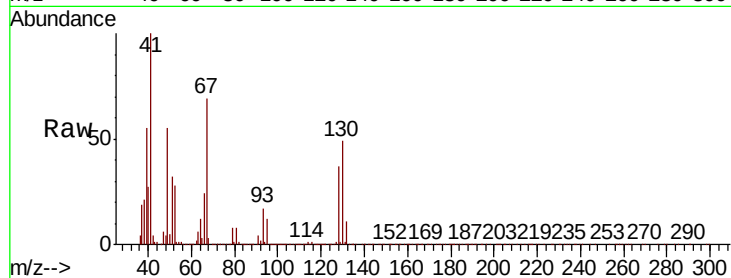
Ion Ratio Lower Upper

41 100

39 54.3 42.2 63.2

67 70.7 55.4 83.0

52 28.4 22.1 33.1

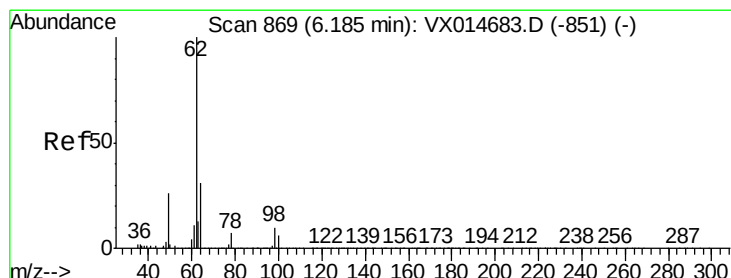
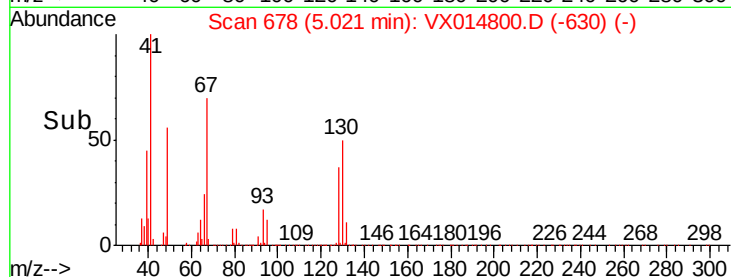
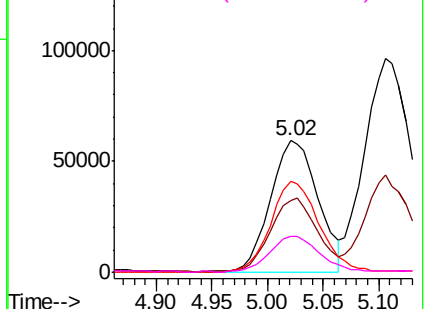


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.041 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014800.D

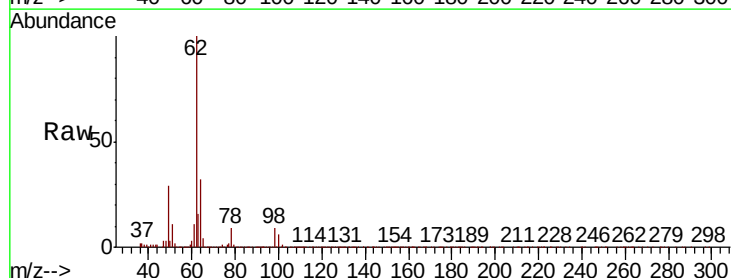
Acq: 04 Feb 2020 10:19

Tgt Ion: 62 Resp: 315042

Ion Ratio Lower Upper

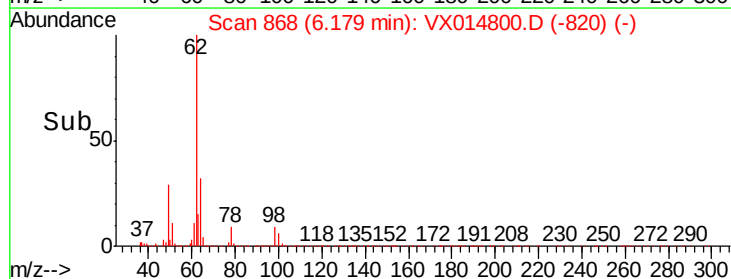
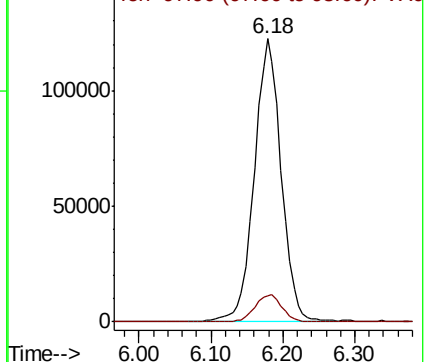
62 100

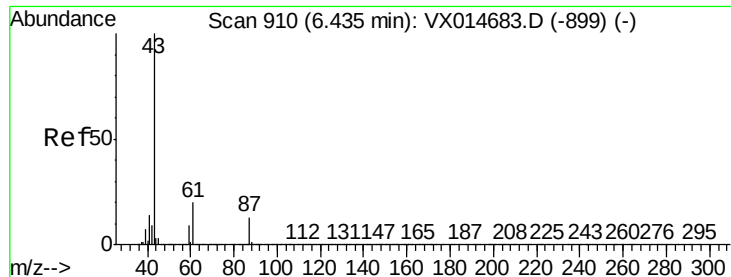
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.342 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

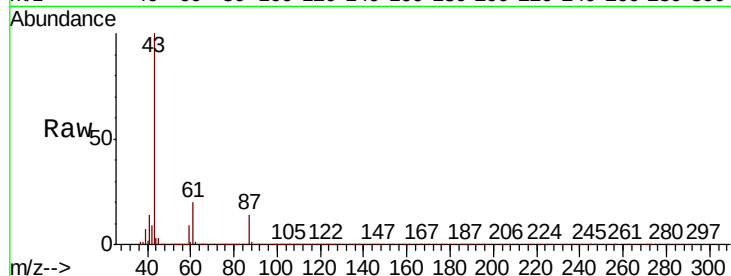
Tot Ion: 43 Resp: 522668

Ion Ratio Lower Upper

43 100

61 19.5 16.2 24.4

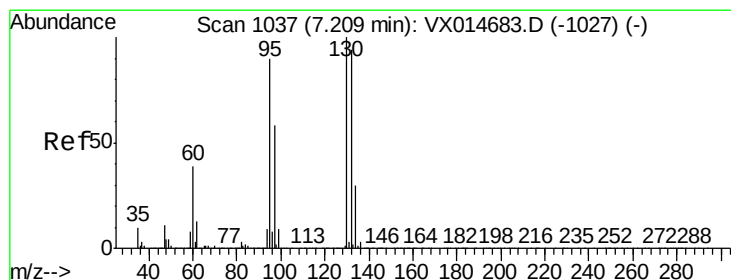
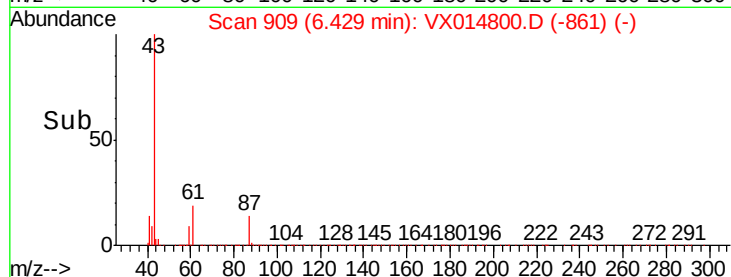
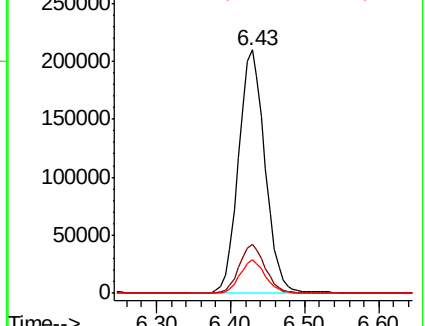
87 13.2 10.5 15.7



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: 45.829 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014800.D

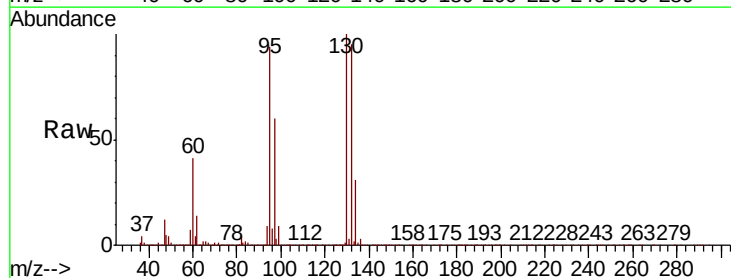
Acq: 04 Feb 2020 10:19

Tgt Ion:130 Resp: 245827

Ion Ratio Lower Upper

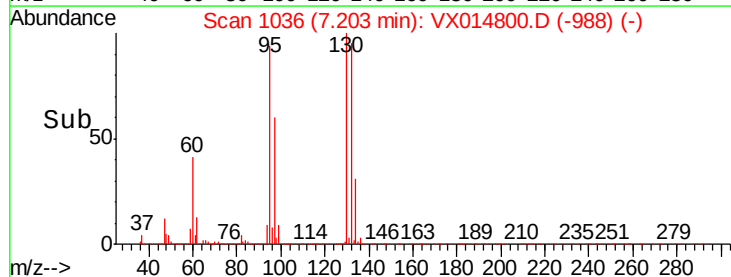
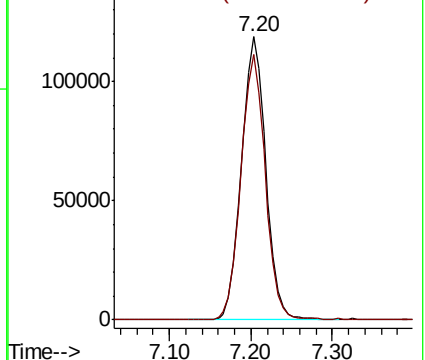
130 100

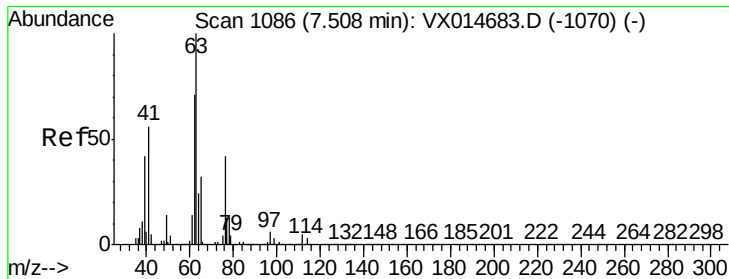
95 93.5 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.178 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

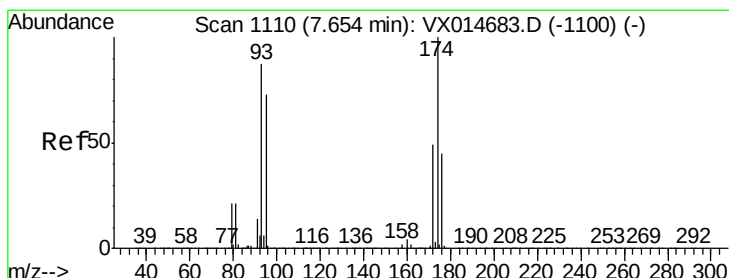
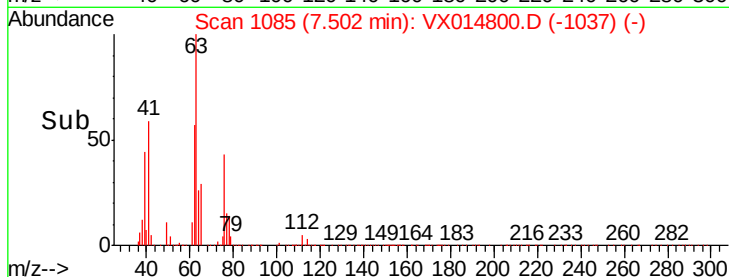
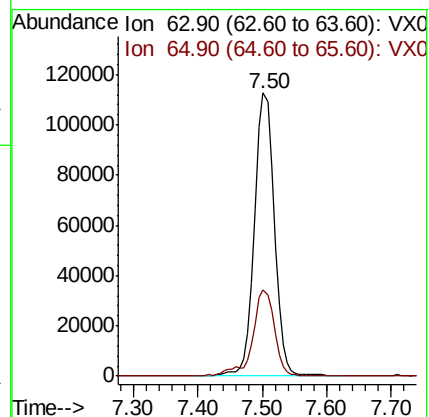
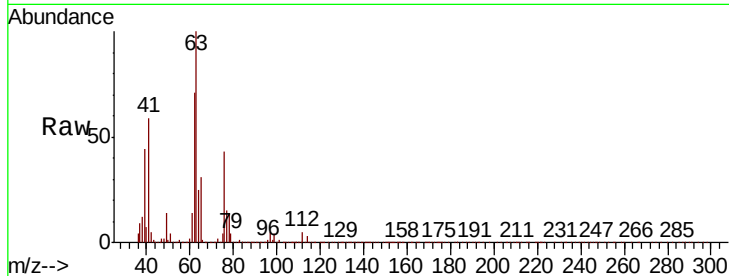
VSTDCCC050

Tot Ion: 63 Resp: 235703

Ion Ratio Lower Upper

63 100

65 30.5 25.2 37.8



#46

Dibromomethane

Concen: 47.603 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

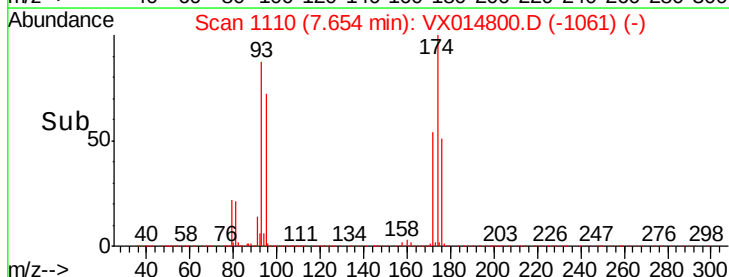
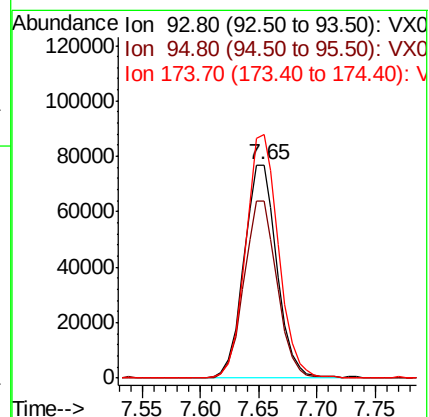
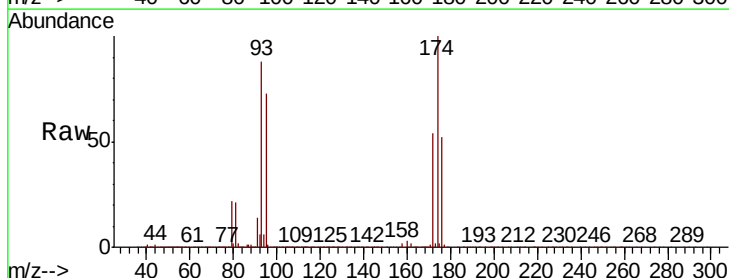
Tgt Ion: 93 Resp: 150831

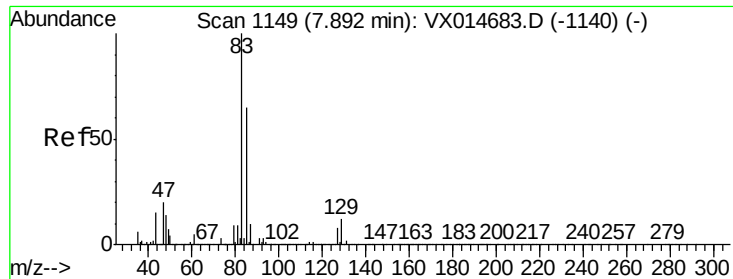
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 114.2 90.2 135.2





#47

Bromodichloromethane

Concen: 49.934 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

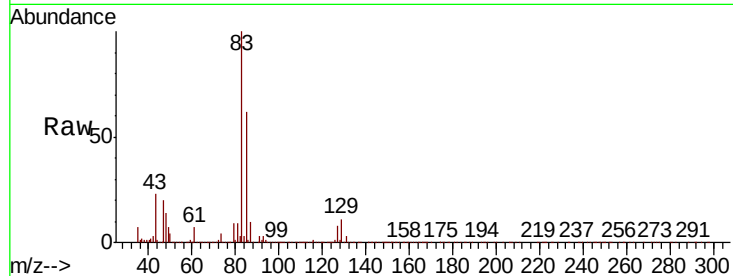
Tot Ion: 83 Resp: 310314

Ion Ratio Lower Upper

83 100

85 61.7 52.2 78.2

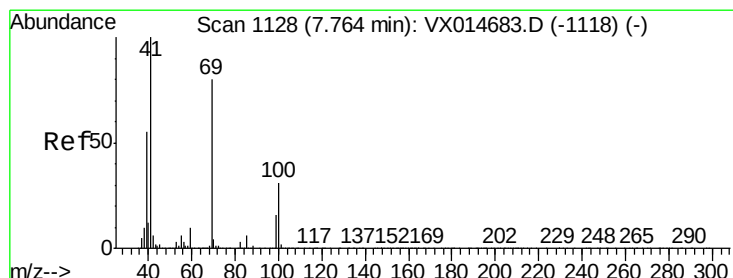
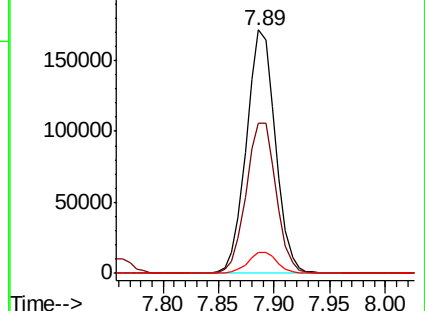
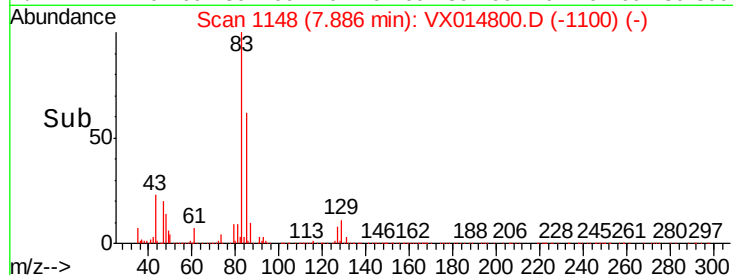
127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.335 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

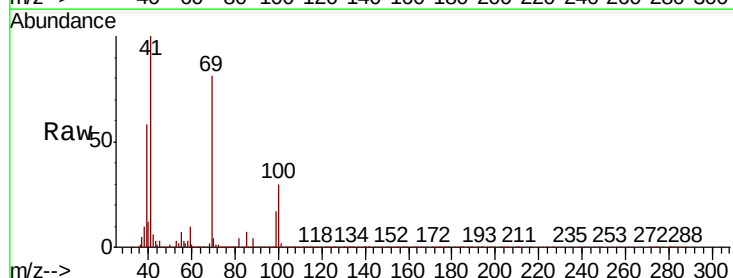
Tgt Ion: 41 Resp: 260707

Ion Ratio Lower Upper

41 100

69 81.8 63.5 95.3

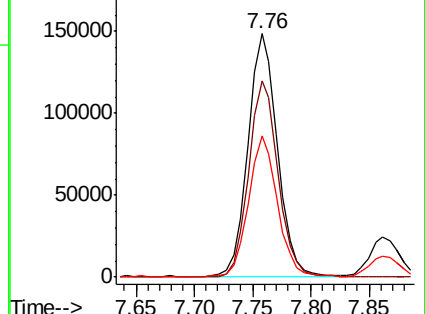
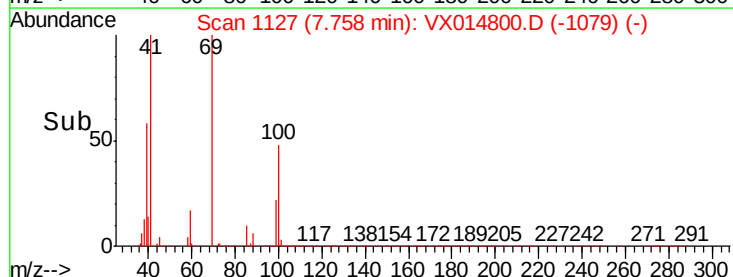
39 57.1 43.7 65.5

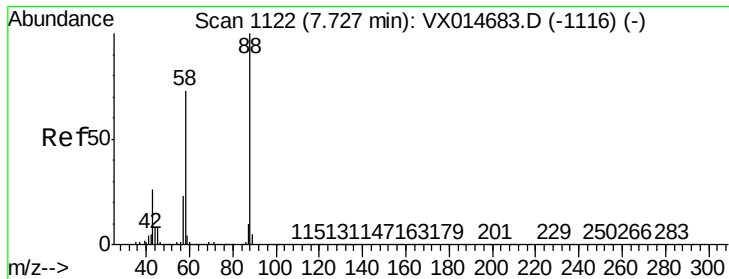


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

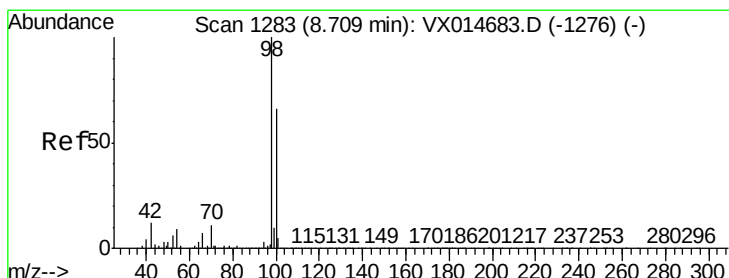
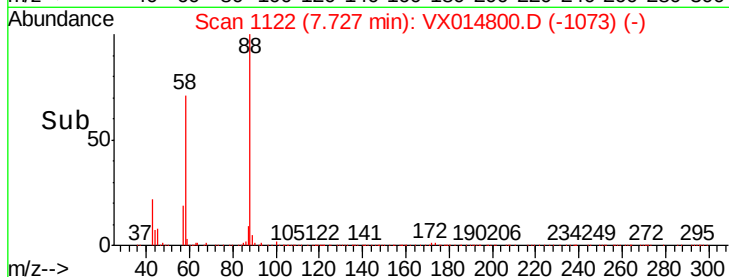
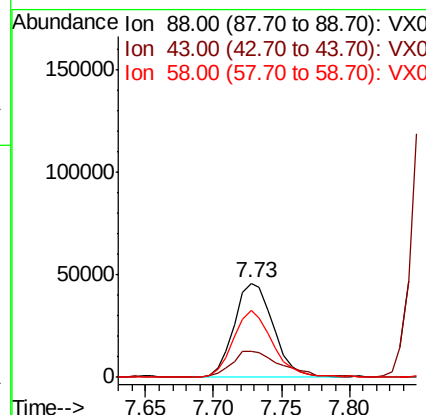
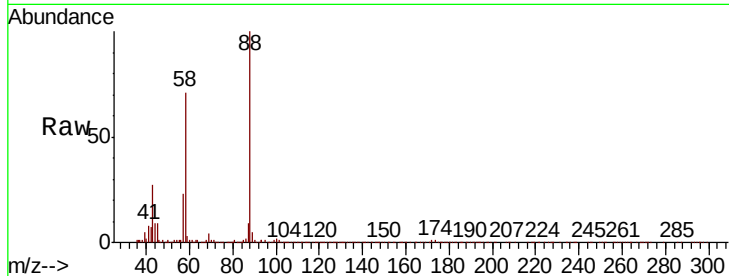




#49
 1,4-Dioxane
 Concen: 778.580 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

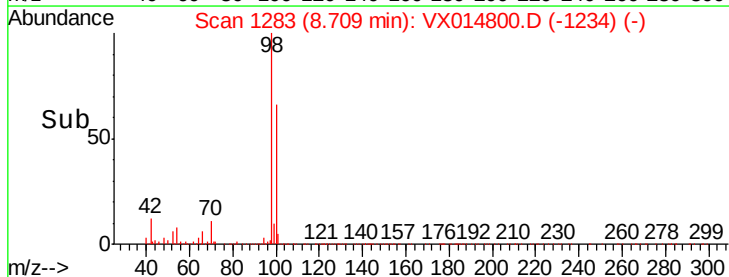
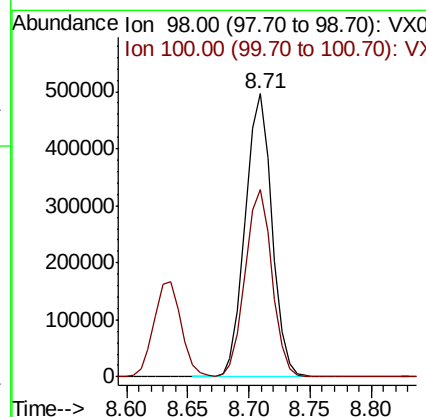
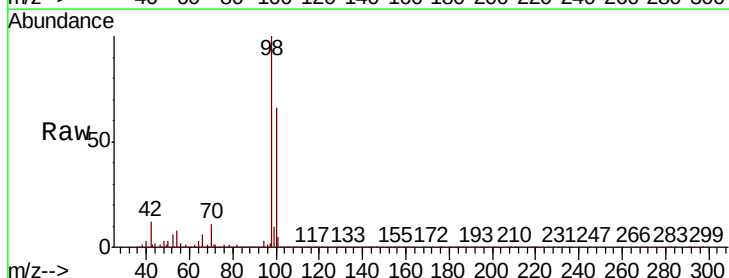
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

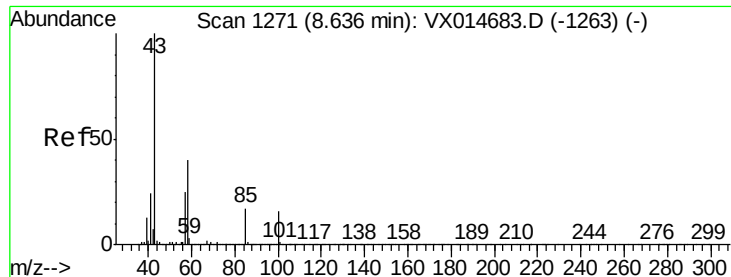
Tot Ion: 88 Resp: 90899
 Ion Ratio Lower Upper
 88 100
 43 33.5 26.2 39.2
 58 71.4 56.6 85.0



#50
 Toluene-d8
 Concen: 46.955 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion: 98 Resp: 753398
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 223.286 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

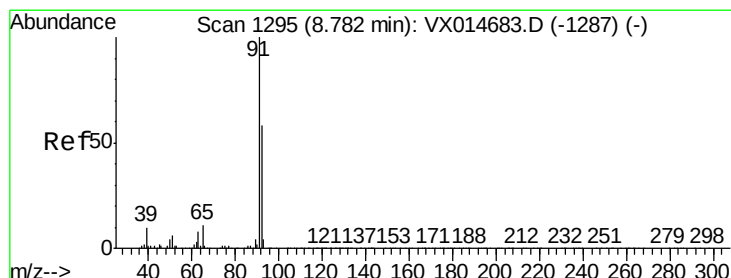
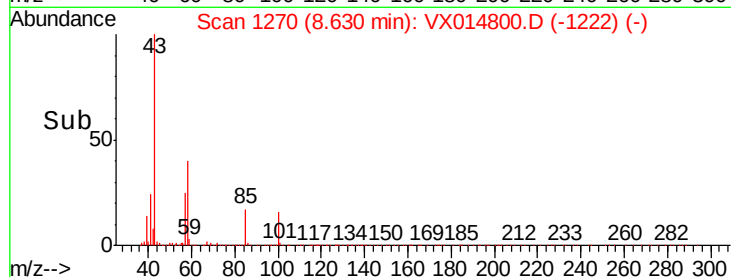
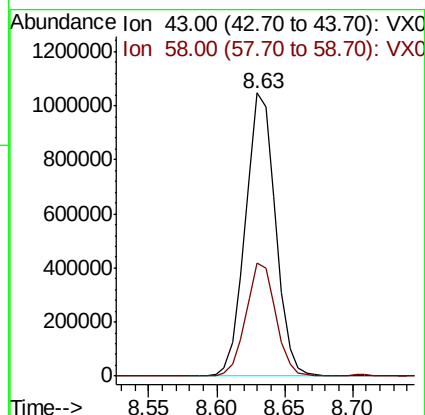
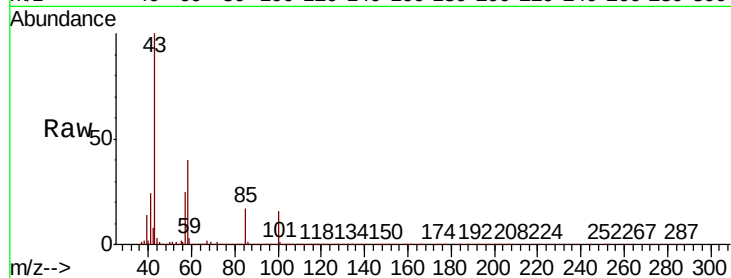
VSTDCCC050

Tot Ion: 43 Resp: 1624504

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 48.443 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014800.D

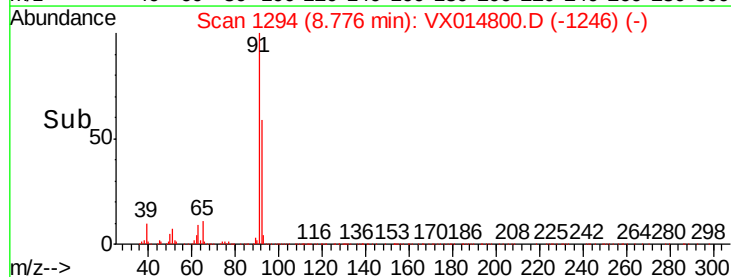
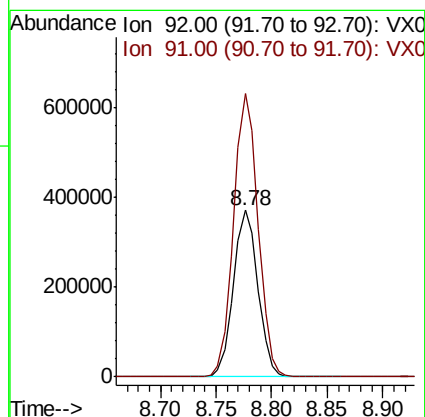
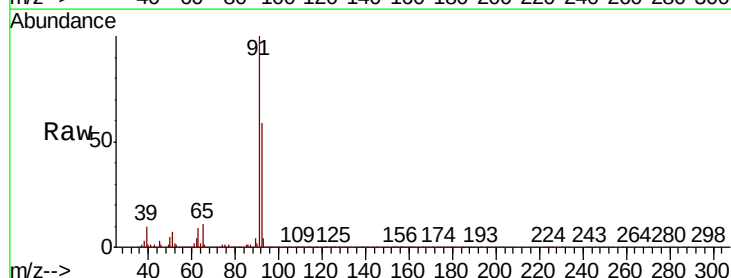
Acq: 04 Feb 2020 10:19

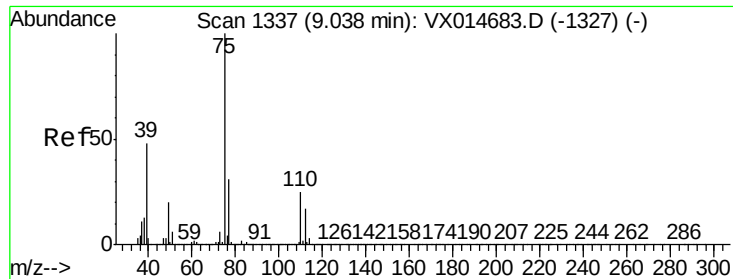
Tgt Ion: 92 Resp: 565499

Ion Ratio Lower Upper

92 100

91 170.2 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 50.563 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

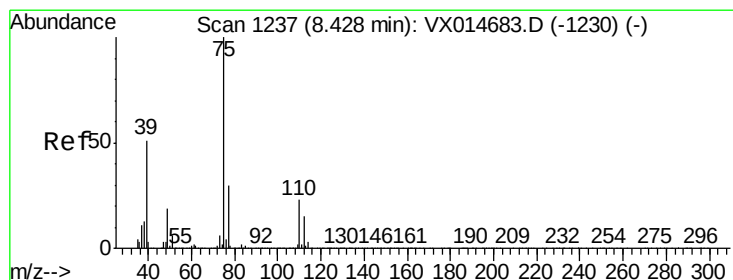
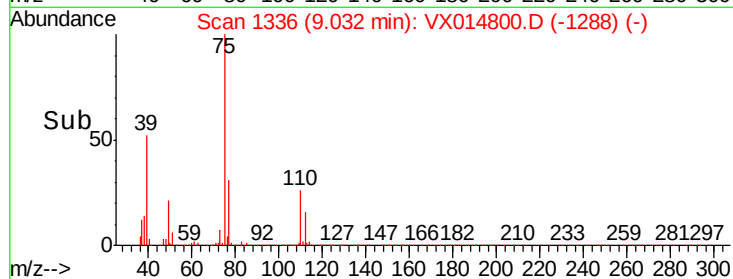
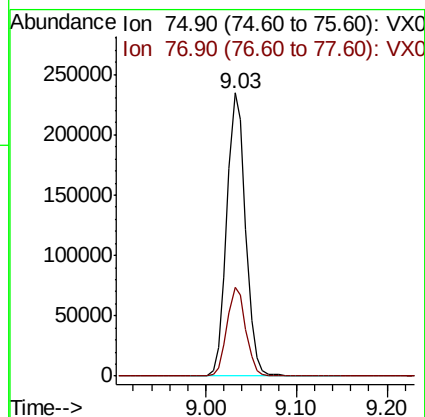
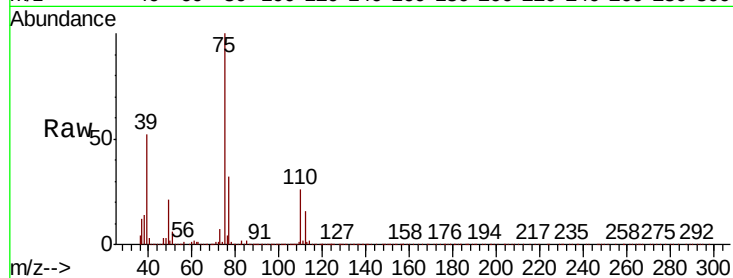
VSTDCCC050

Tot Ion: 75 Resp: 338350

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 50.705 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

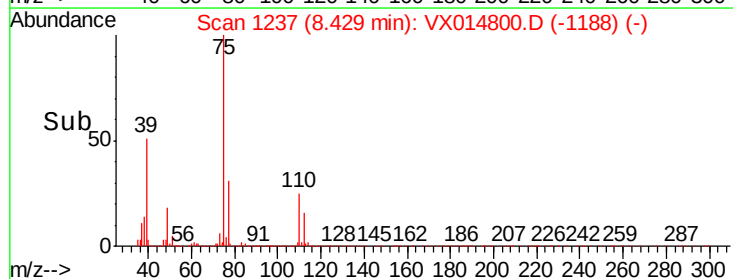
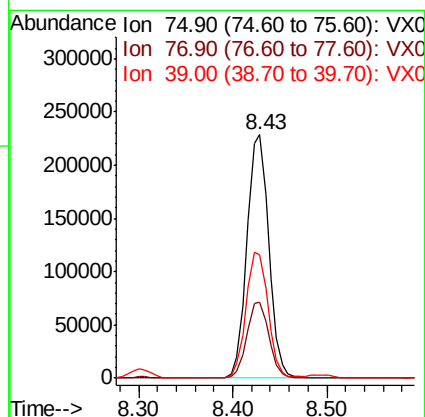
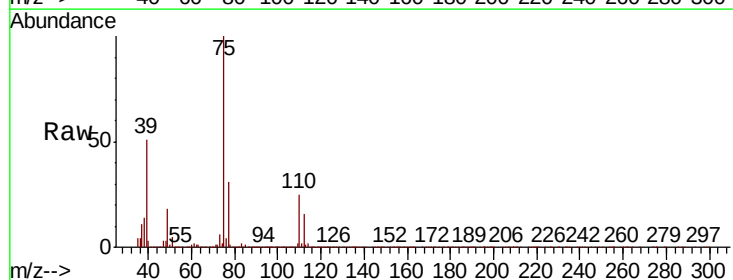
Tgt Ion: 75 Resp: 373259

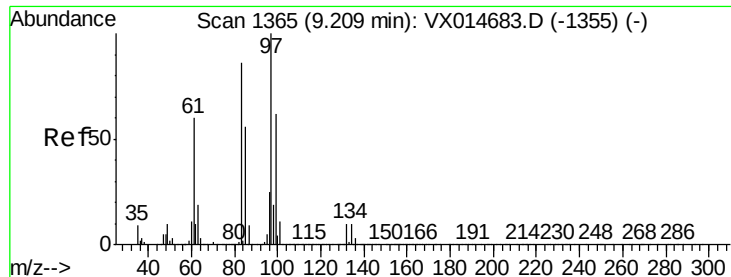
Ion Ratio Lower Upper

75 100

77 31.2 23.9 35.9

39 50.5 40.9 61.3

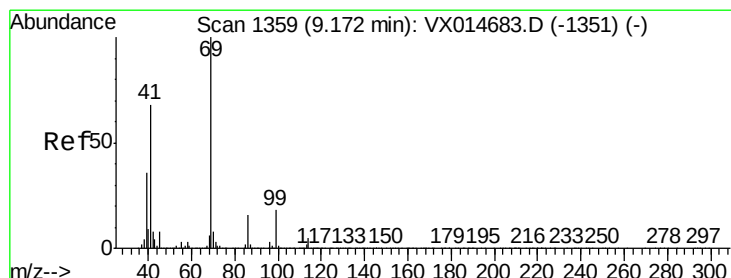
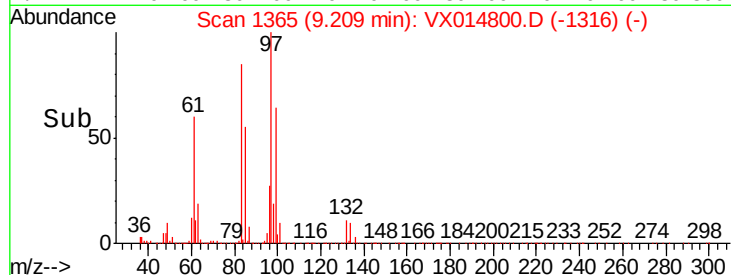
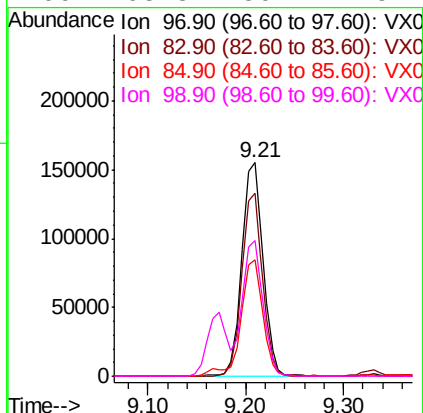
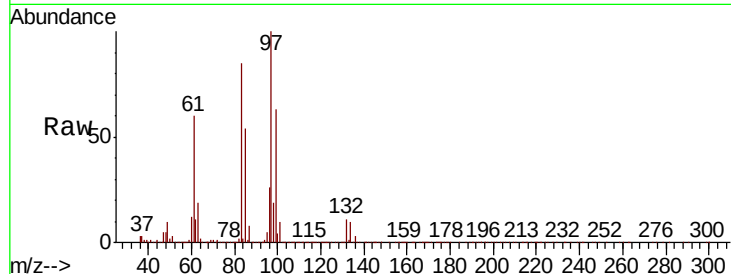




#55
 1,1,2-Trichloroethane
 Concen: 48.993 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

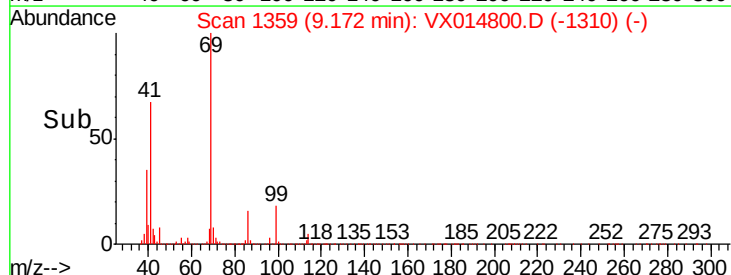
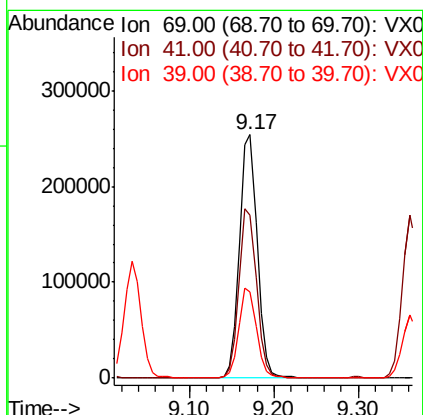
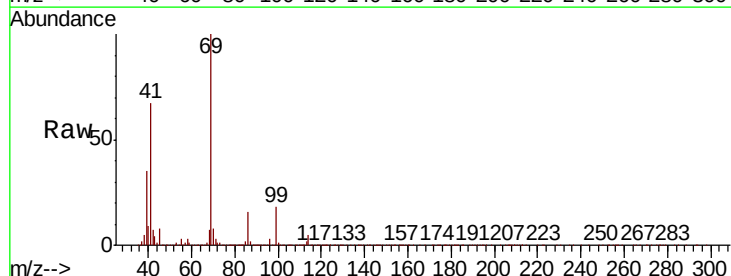
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

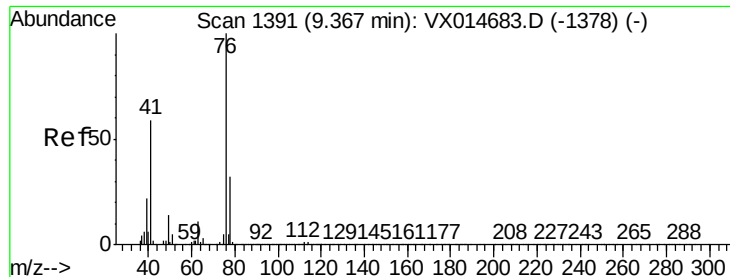
Tot Ion:	97	Resp:	234153
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.2	103.8
85	54.4	44.6	67.0
99	63.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 44.201 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion:	69	Resp:	356401
Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.9	82.3
39	36.5	29.3	43.9





#57

1,3-Dichloropropane

Concen: 47.775 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

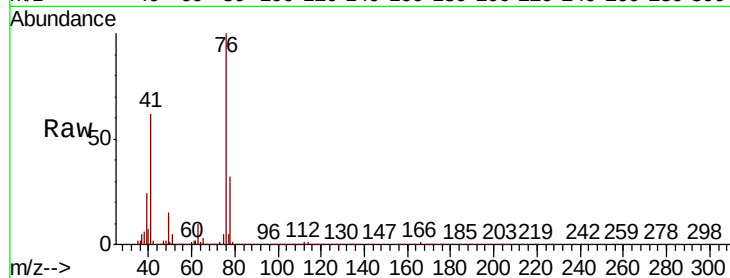
VSTDCCC050

Tot Ion: 76 Resp: 390328

Ion Ratio Lower Upper

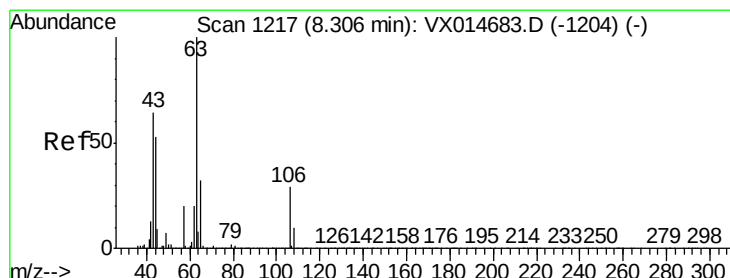
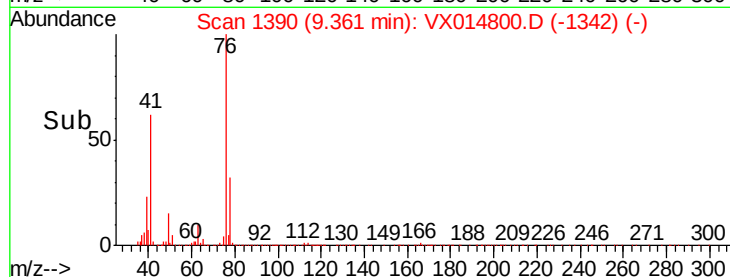
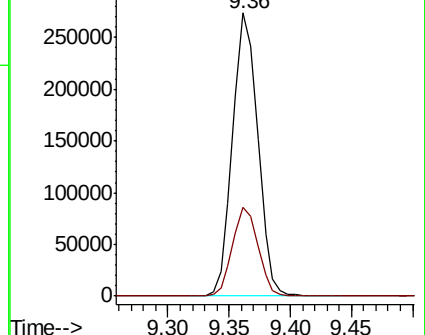
76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 250.545 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014800.D

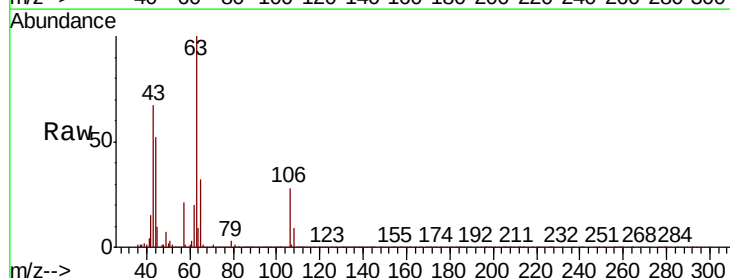
Acq: 04 Feb 2020 10:19

Tgt Ion: 63 Resp: 602205

Ion Ratio Lower Upper

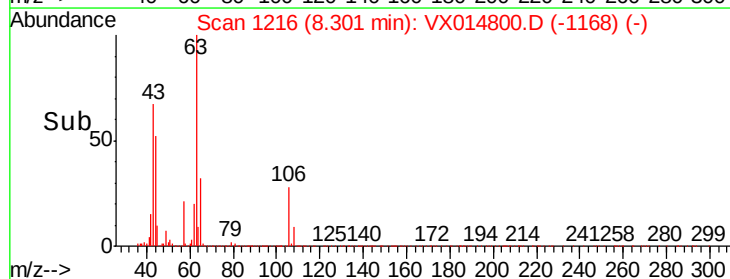
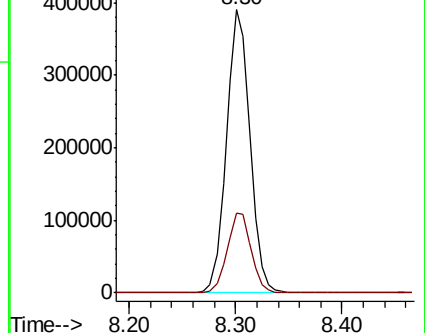
63 100

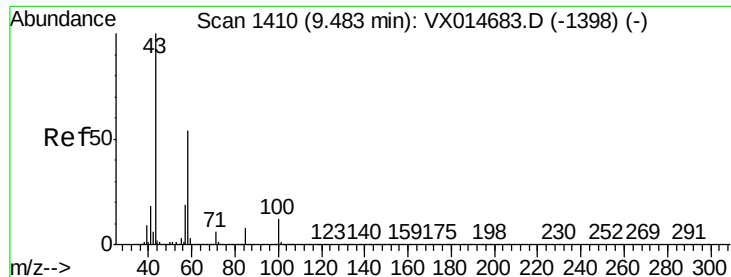
106 28.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

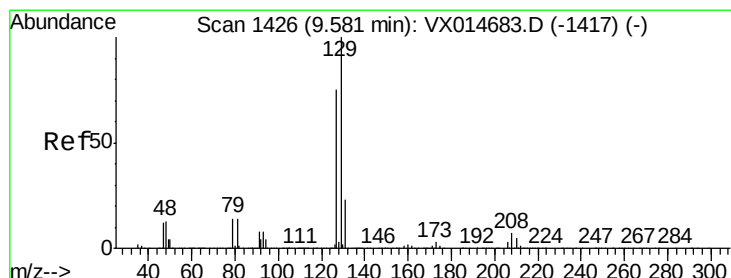
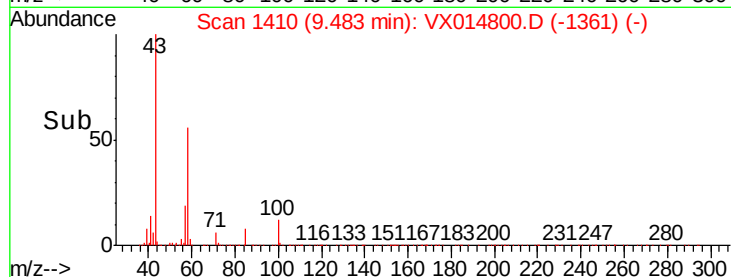
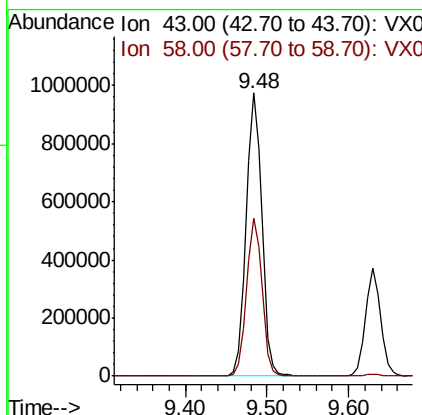
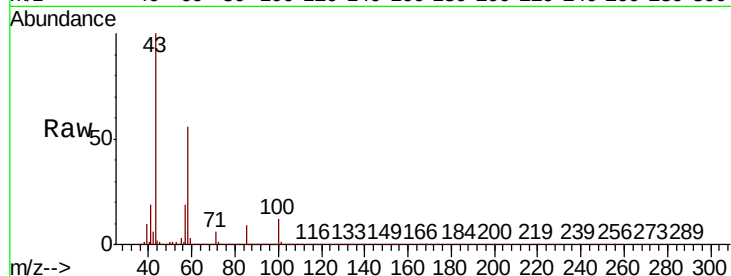




#59
2-Hexanone
Concen: 229.801 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

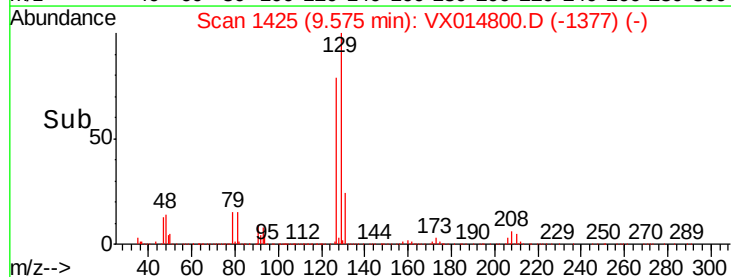
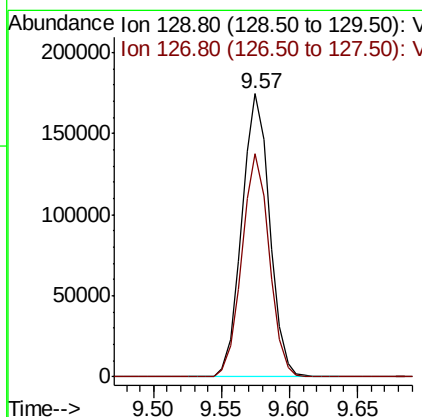
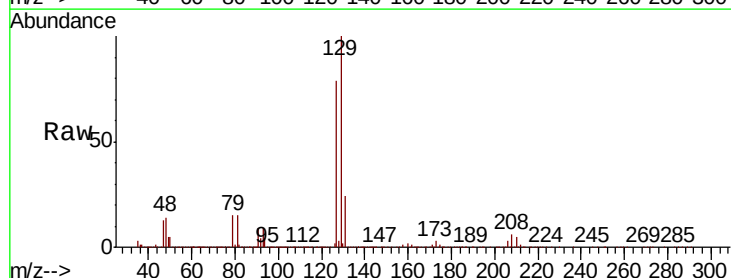
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

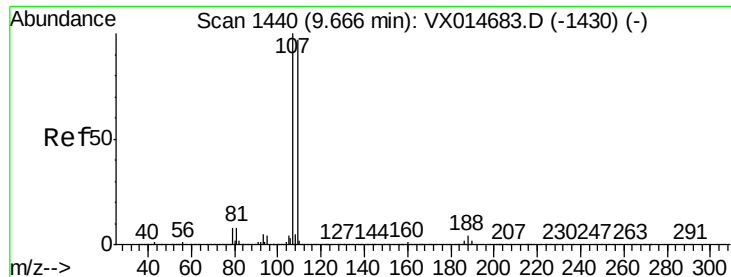
Tot Ion: 43 Resp: 1297375
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5



#60
Dibromochloromethane
Concen: 50.132 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 129 Resp: 250088
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.090 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

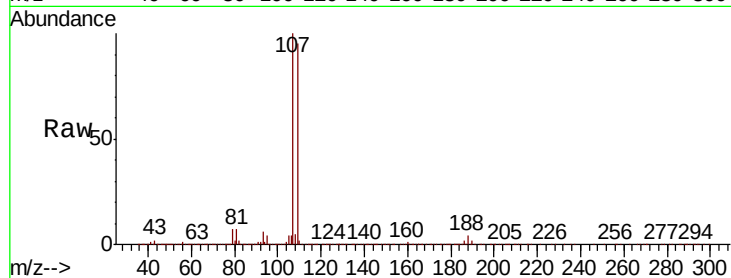
VSTDCCC050

Tot Ion: 107 Resp: 237953

Ion Ratio Lower Upper

107 100

109 95.4 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

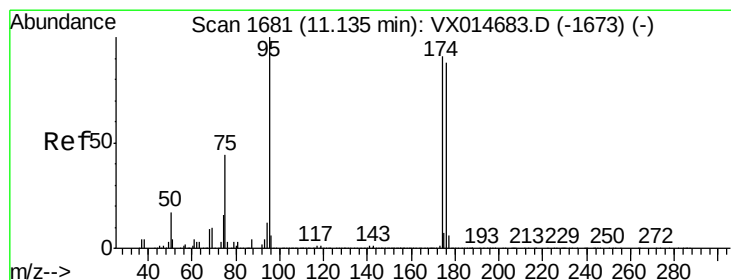
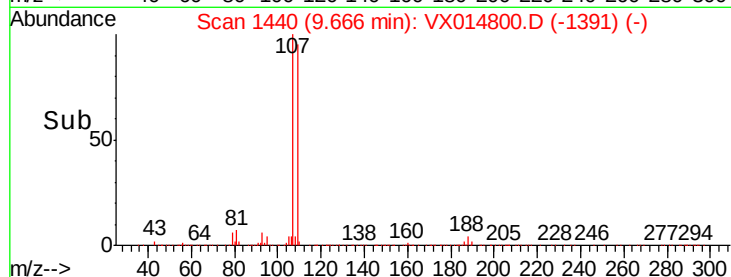
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.506 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

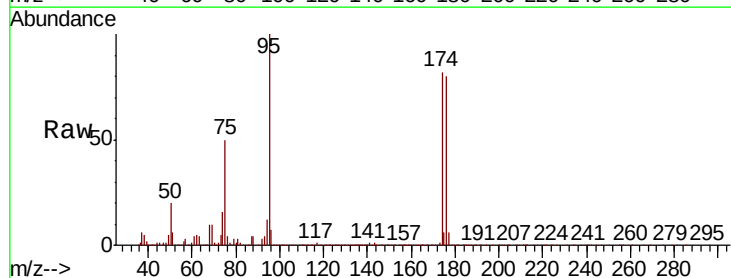
Tgt Ion: 95 Resp: 271531

Ion Ratio Lower Upper

95 100

174 88.6 0.0 176.0

176 87.8 0.0 172.2



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

300000

250000

200000

150000

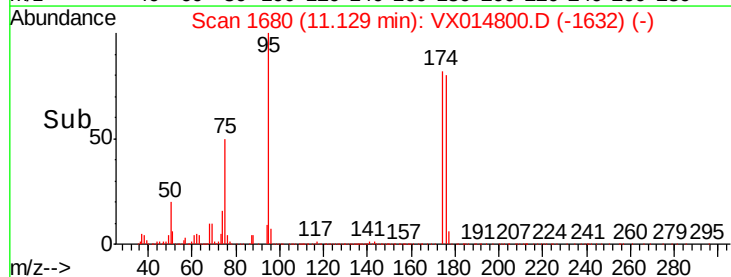
100000

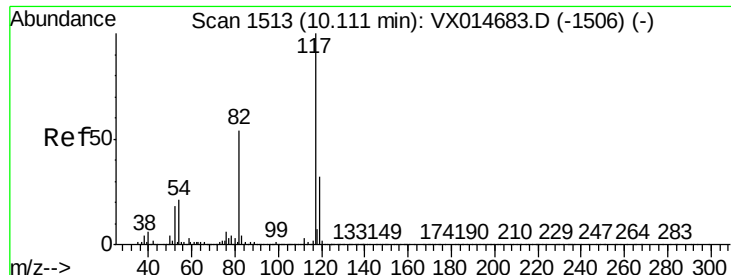
50000

0

11.05 11.10 11.15 11.20

Time-->

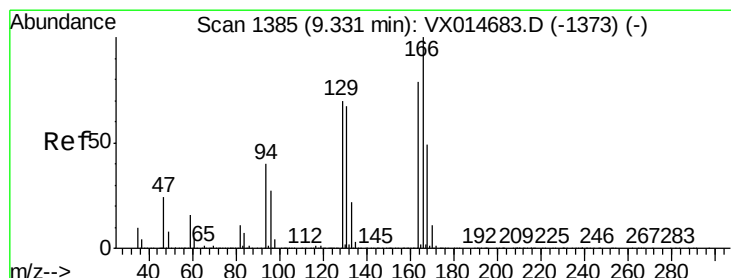
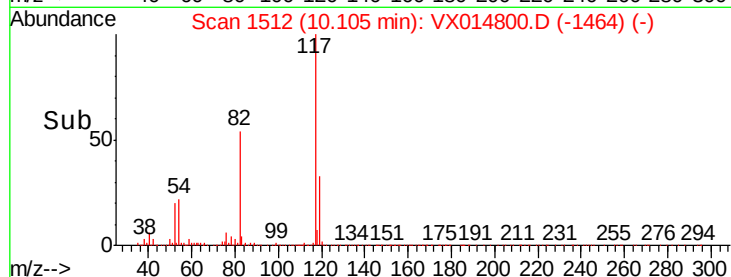
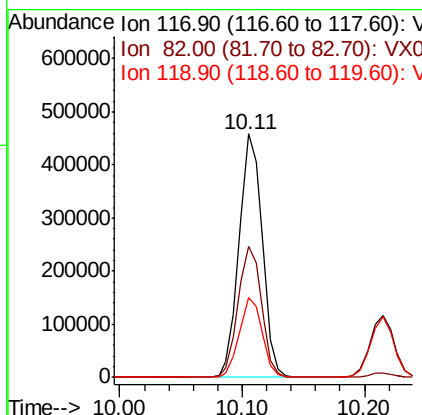
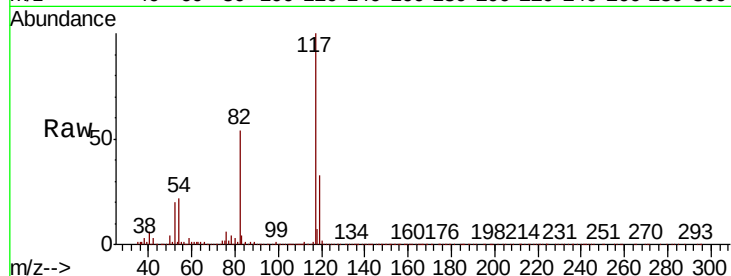




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

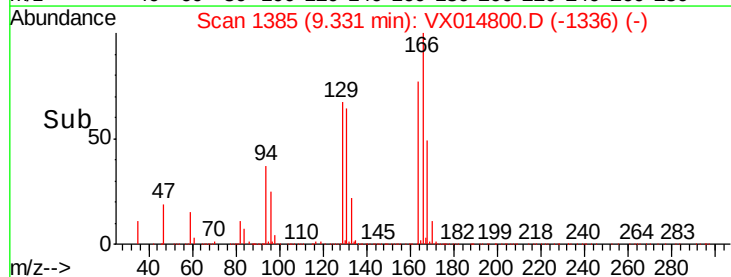
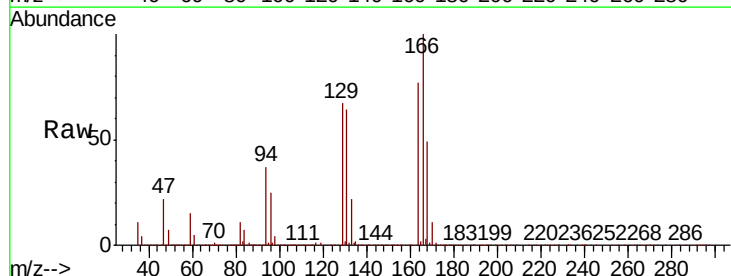
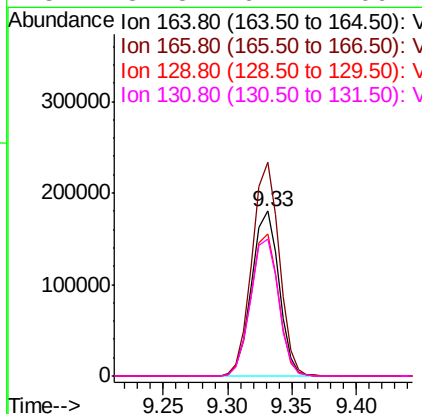
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

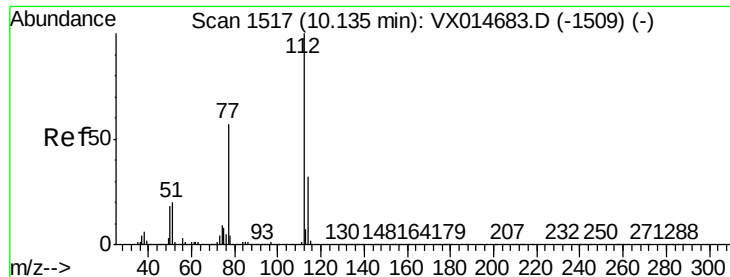
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.2	64.8
119	32.6	25.8	38.6



#64
Tetrachloroethene
Concen: 44.192 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	100.9	151.3
129	86.5	71.0	106.6
131	82.8	67.1	100.7

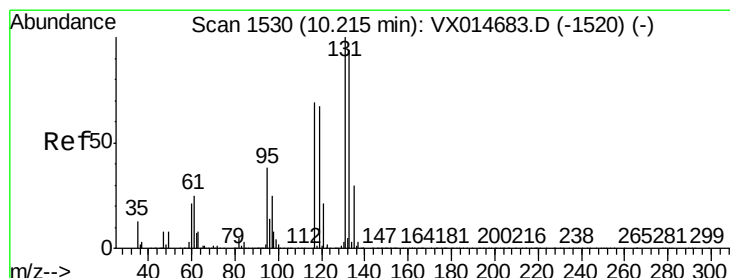
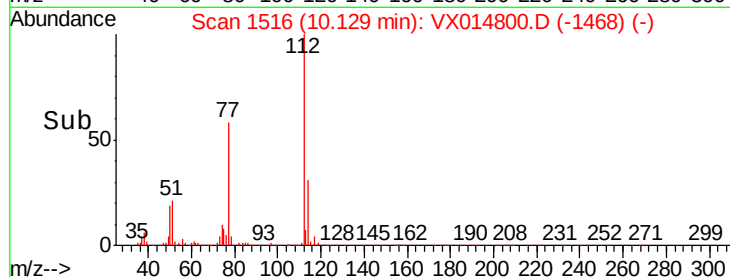
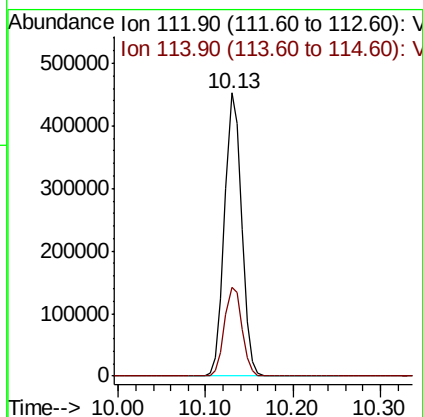
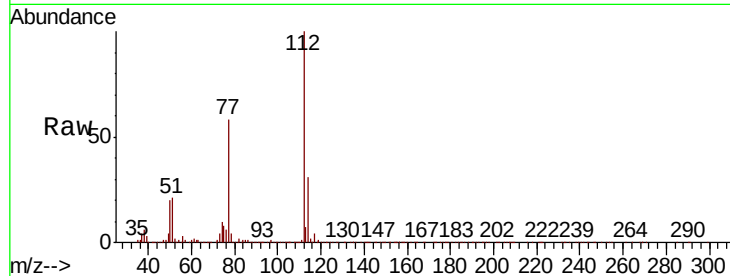




#65
Chlorobenzene
Concen: 47.733 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

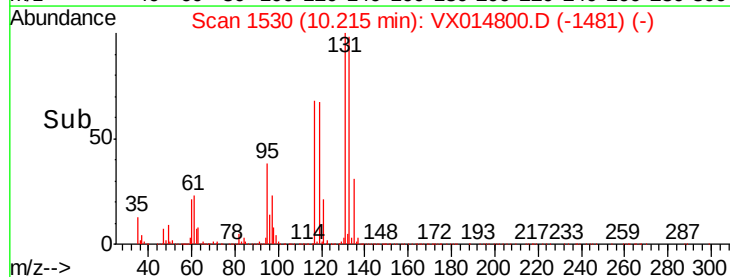
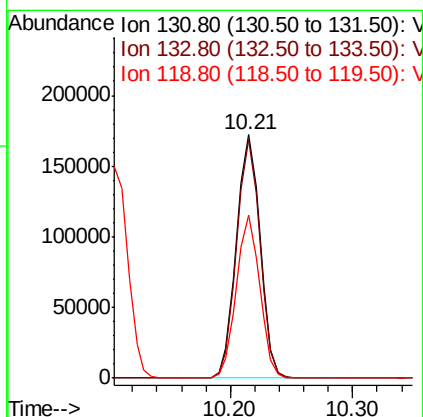
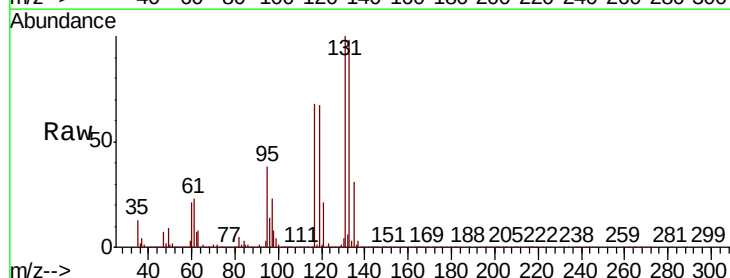
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

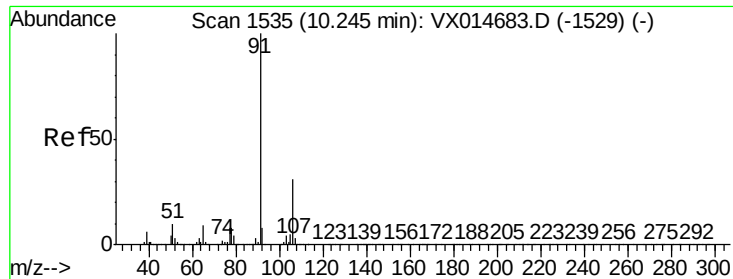
Tot Ion:112 Resp: 611176
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.826 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion:131 Resp: 230501
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 65.7 33.3 99.8

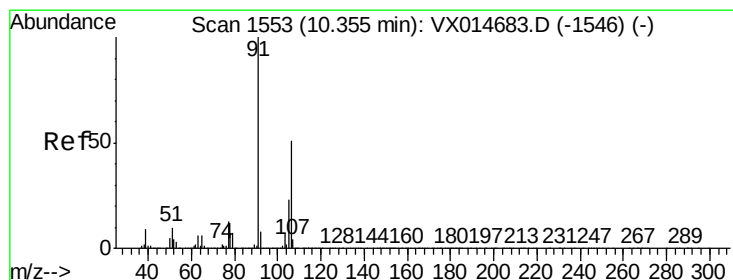
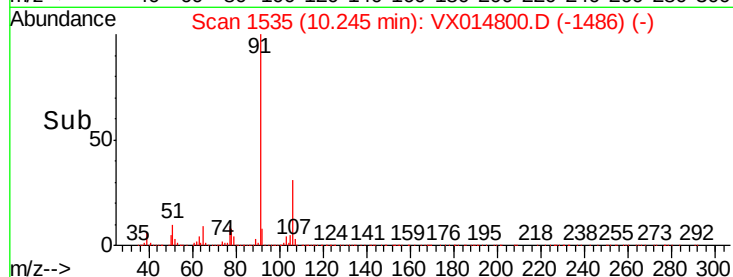
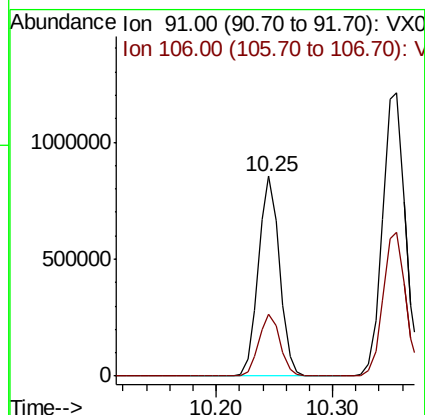
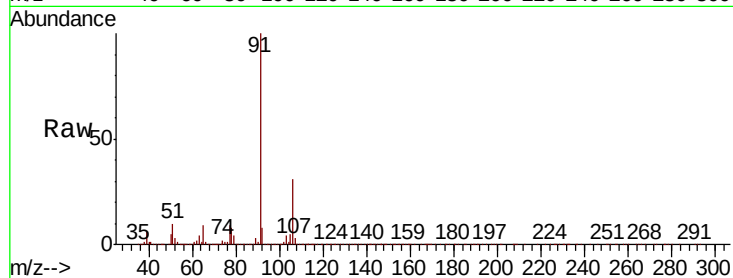




#67
Ethyl Benzene
Concen: 49.618 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

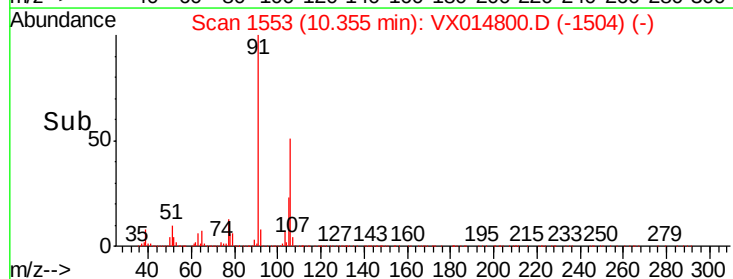
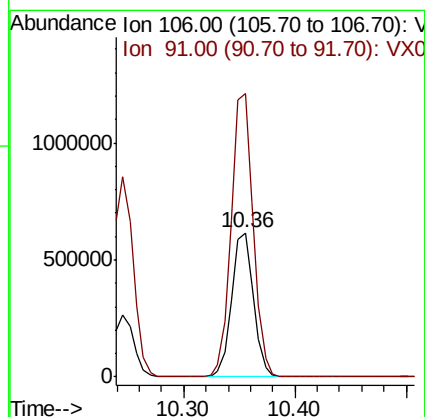
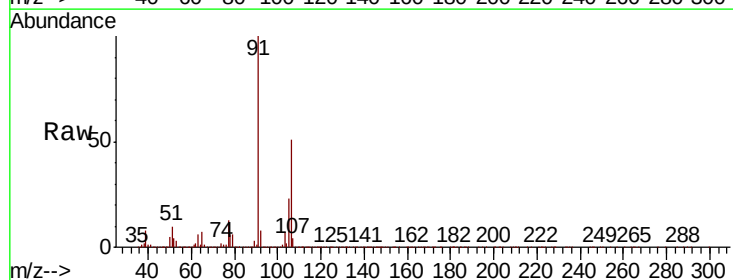
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

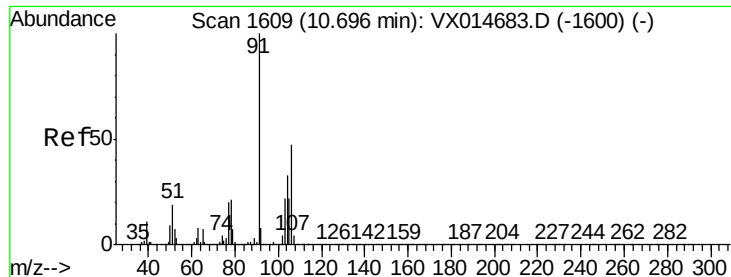
Tot Ion: 91 Resp: 1084773
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 100.258 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 106 Resp: 830396
Ion Ratio Lower Upper
106 100
91 198.5 159.4 239.2

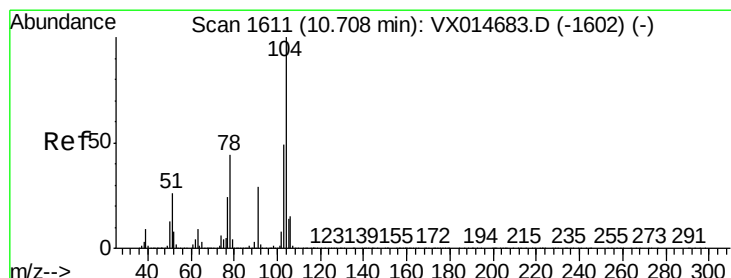
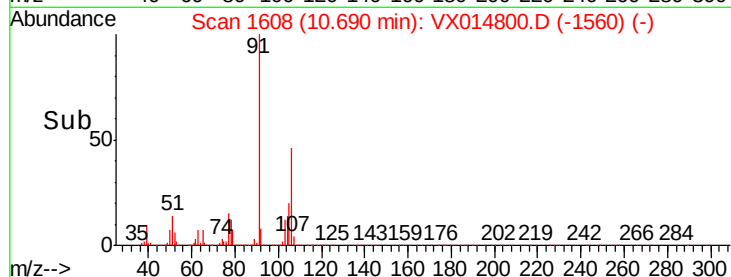
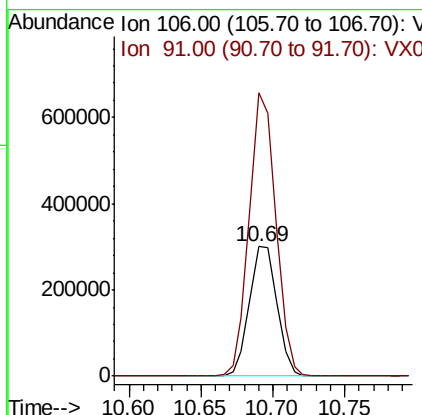
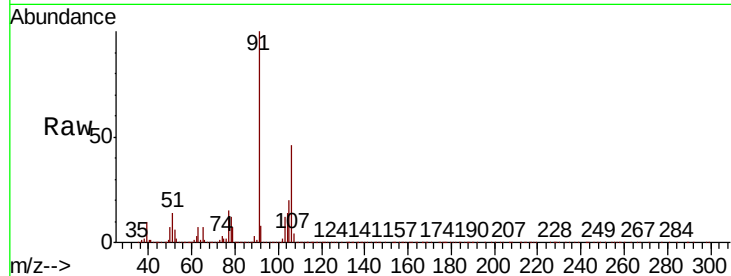




#69
o-Xylene
Concen: 49.946 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

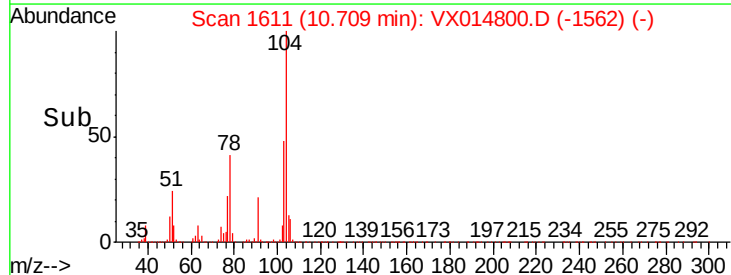
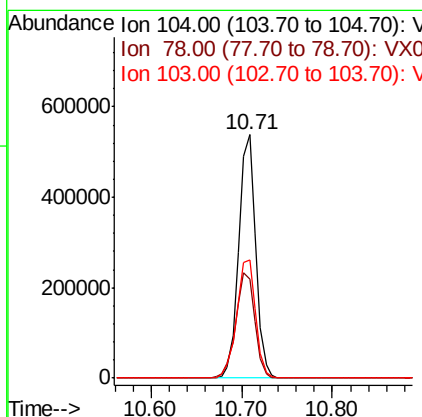
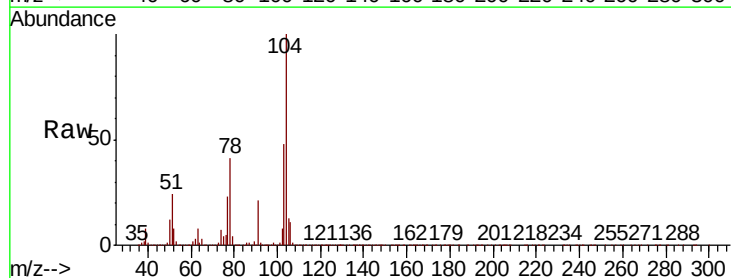
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

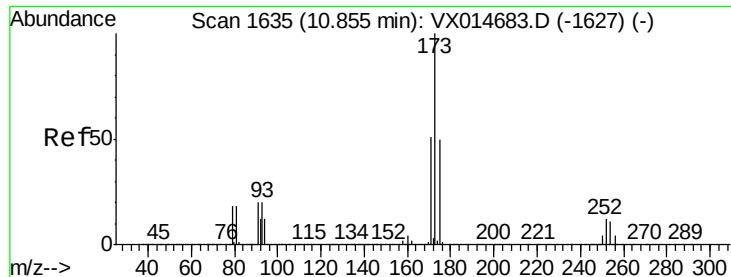
Tot Ion:106 Resp: 399369
Ion Ratio Lower Upper
106 100
91 210.7 106.2 318.6



#70
Styrene
Concen: 52.028 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion:104 Resp: 697849
Ion Ratio Lower Upper
104 100
78 48.5 39.3 58.9
103 53.9 43.5 65.3





#71

Bromoform

Concen: 51.417 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

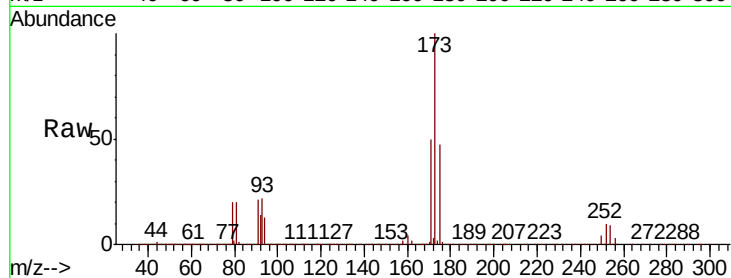
Tot Ion:173 Resp: 193031

Ion Ratio Lower Upper

173 100

175 47.4 24.6 73.6

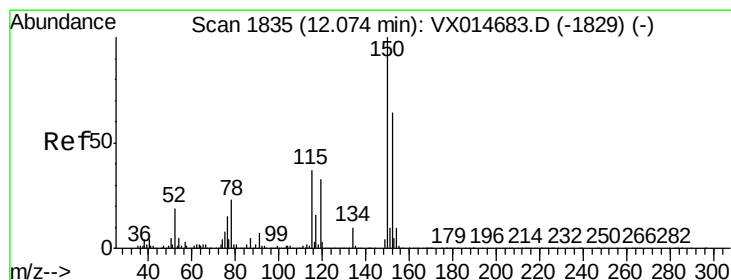
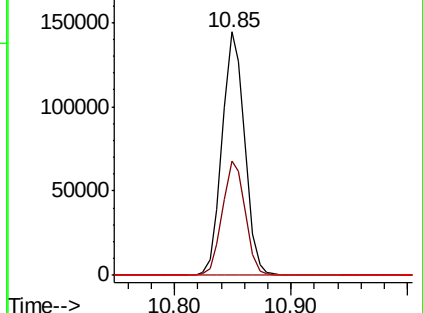
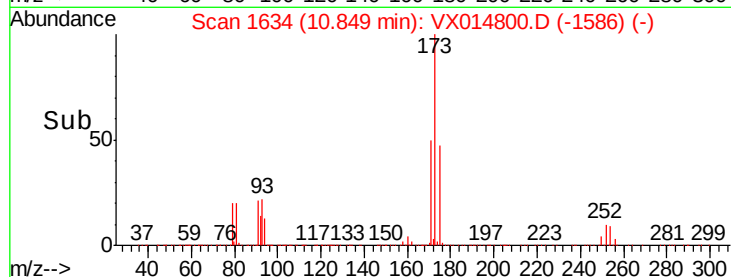
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

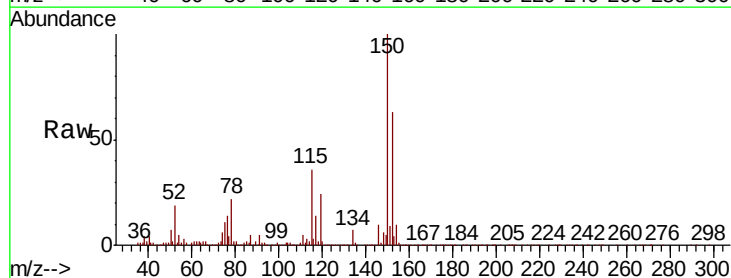
Tgt Ion:152 Resp: 308502

Ion Ratio Lower Upper

152 100

115 78.1 39.4 118.1

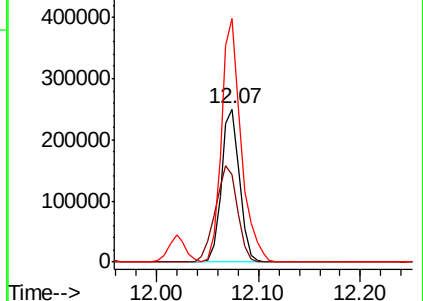
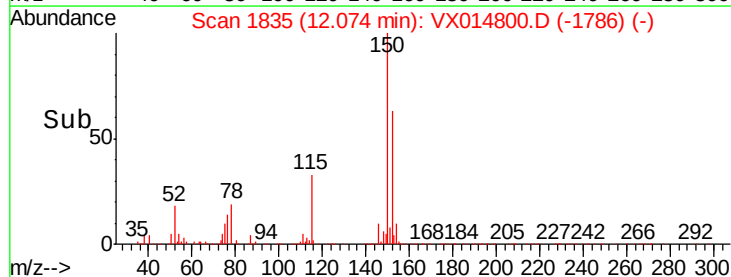
150 172.5 0.0 351.2

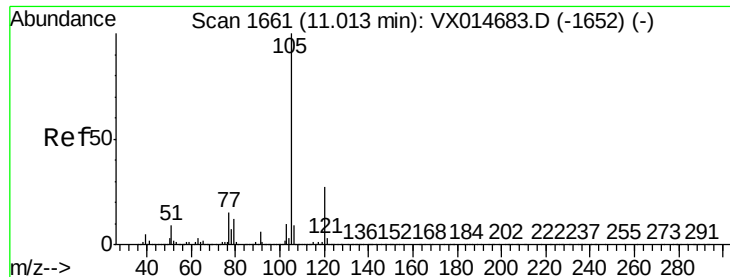


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.366 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

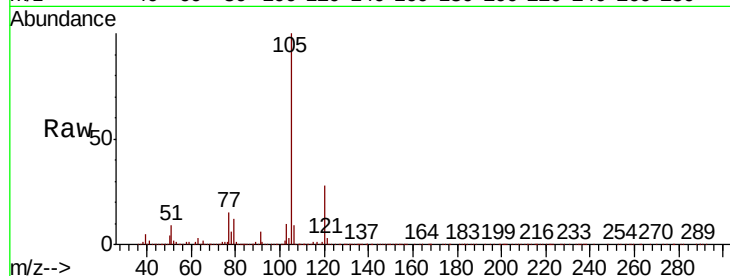
VSTDCCC050

Tot Ion:105 Resp: 1070842

Ion Ratio Lower Upper

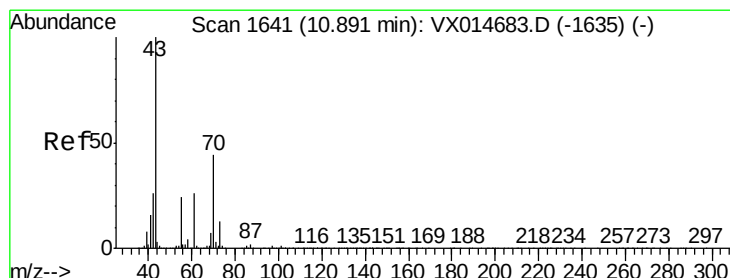
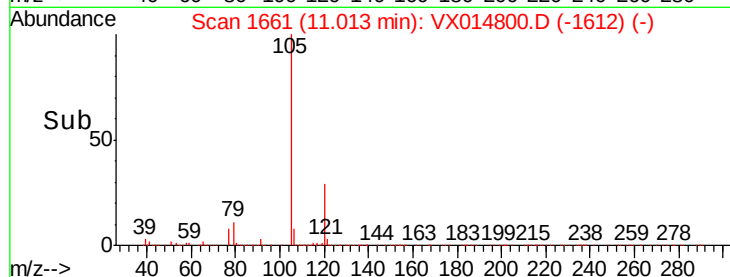
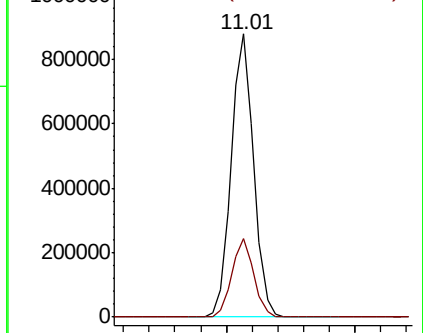
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.633 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion: 43 Resp: 452784

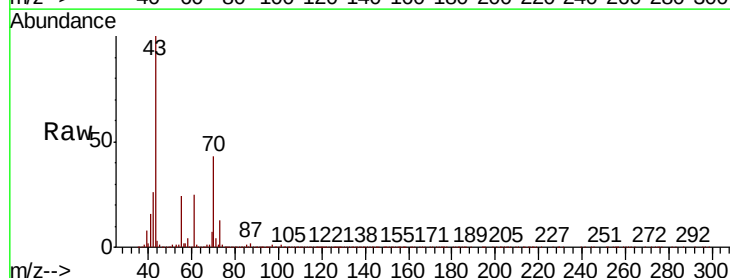
Ion Ratio Lower Upper

43 100

70 43.3 34.6 52.0

55 24.6 19.4 29.2

61 24.6 19.8 29.6

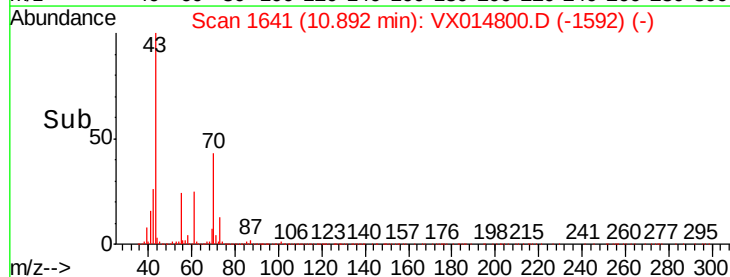
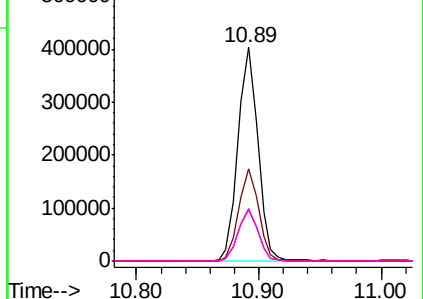


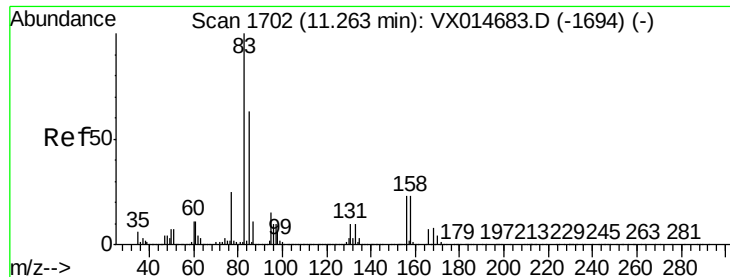
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 43.926 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

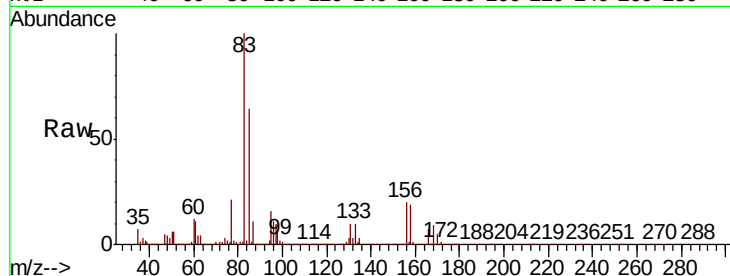
Tot Ion: 83 Resp: 340206

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

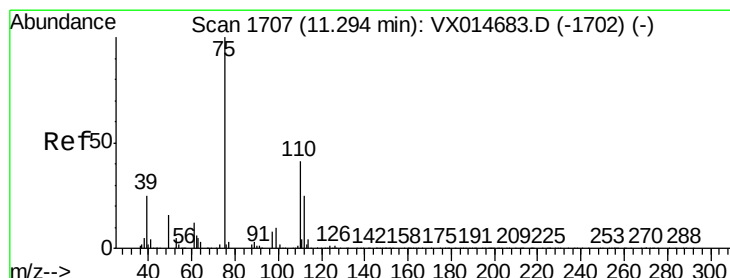
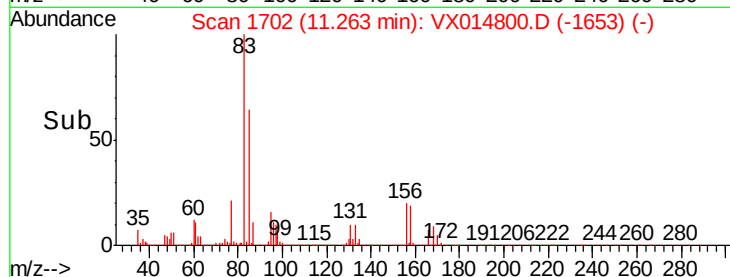
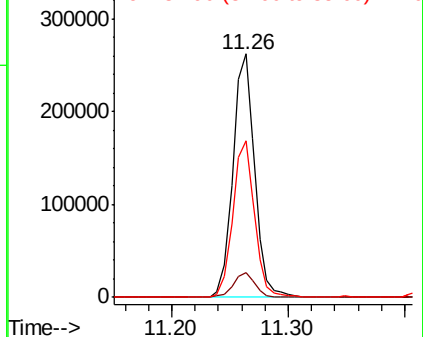
85 64.2 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.926 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014800.D

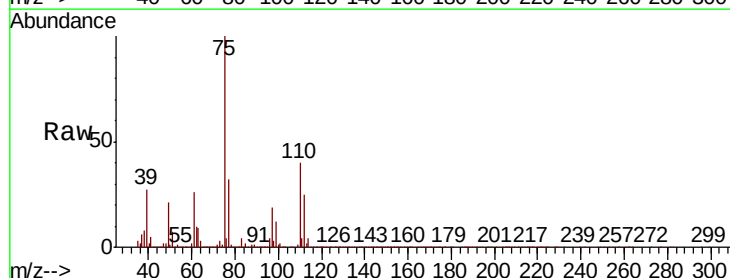
Acq: 04 Feb 2020 10:19

Tgt Ion: 75 Resp: 401411

Ion Ratio Lower Upper

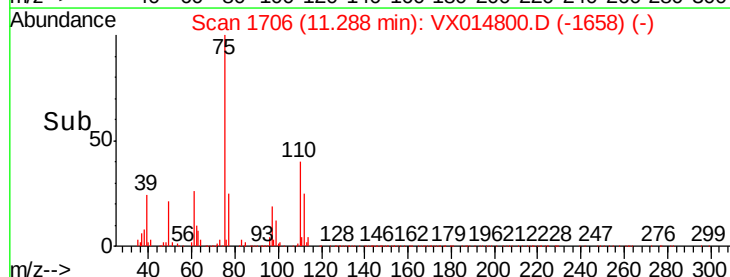
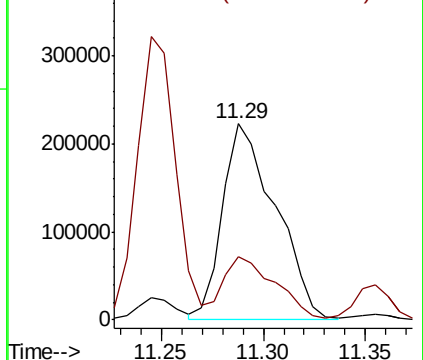
75 100

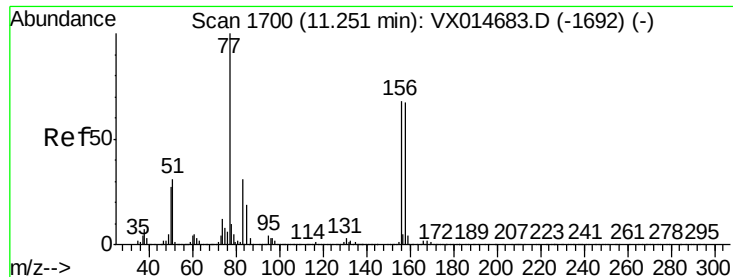
77 32.0 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.940 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

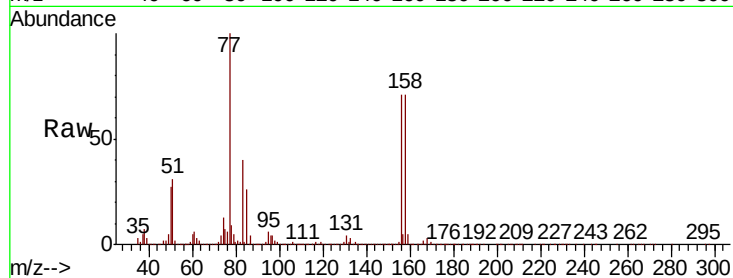
Tot Ion:156 Resp: 279369

Ion Ratio Lower Upper

156 100

77 149.6 77.5 232.5

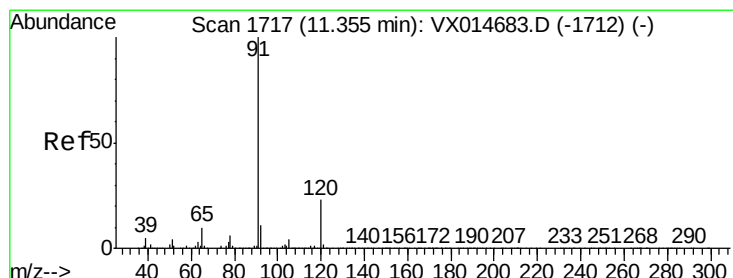
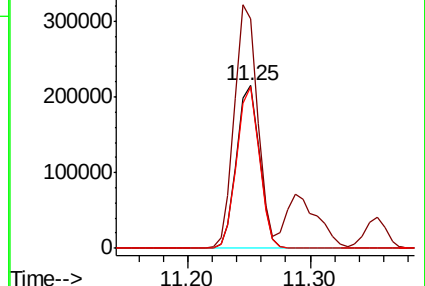
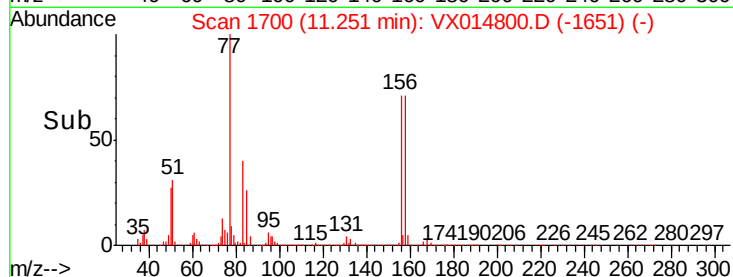
158 97.6 49.1 147.3



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: 49.891 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014800.D

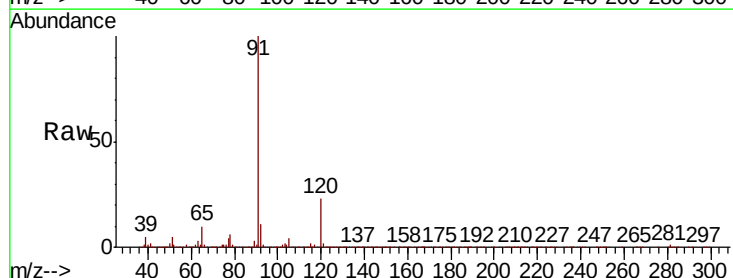
Acq: 04 Feb 2020 10:19

Tgt Ion: 91 Resp: 1228427

Ion Ratio Lower Upper

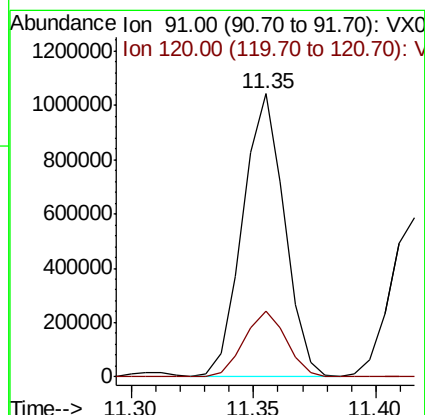
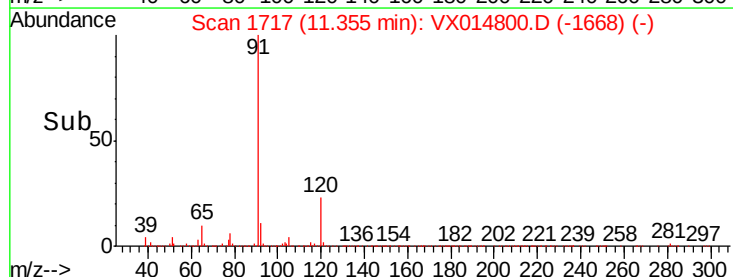
91 100

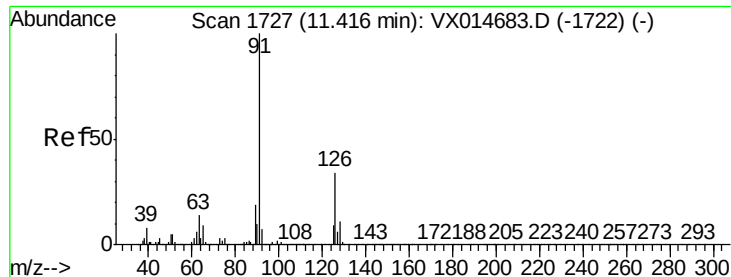
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

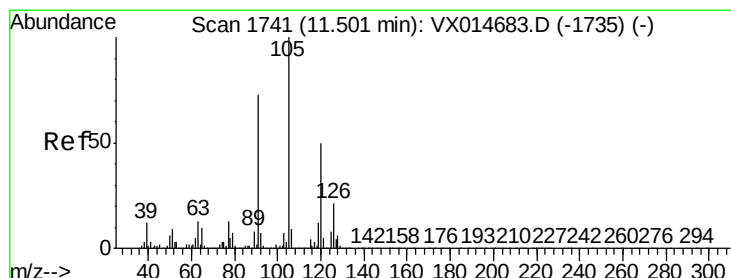
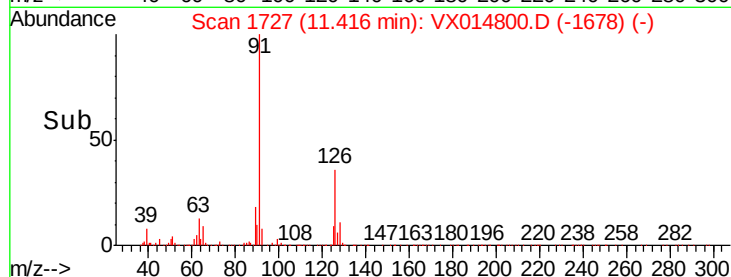
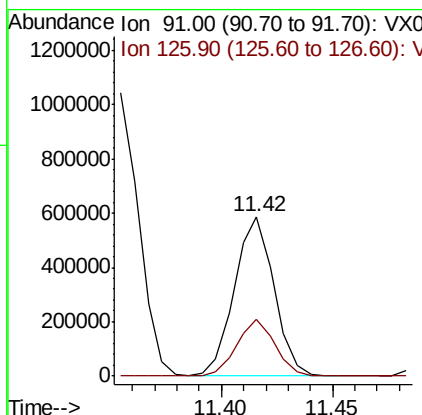
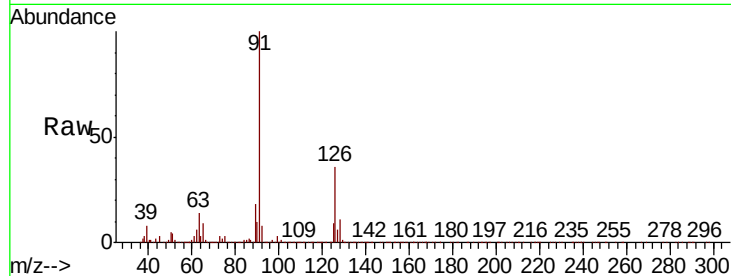




#79
 2-Chlorotoluene
 Concen: 48.693 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

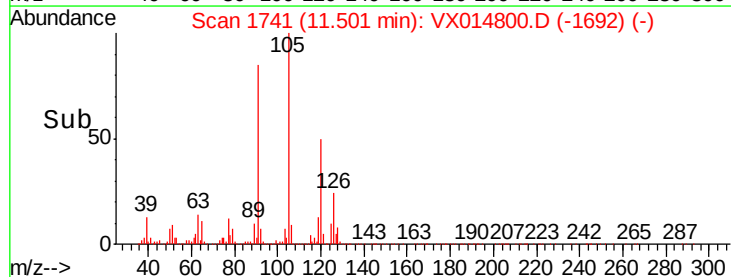
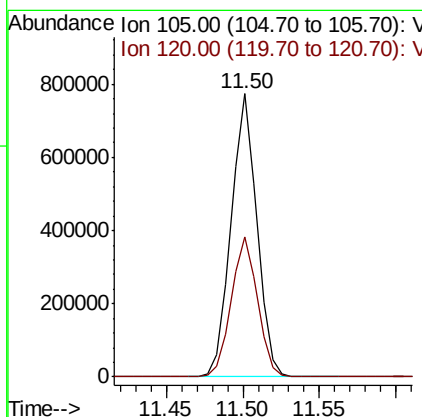
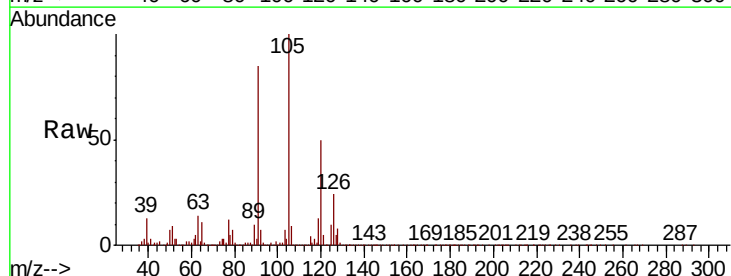
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

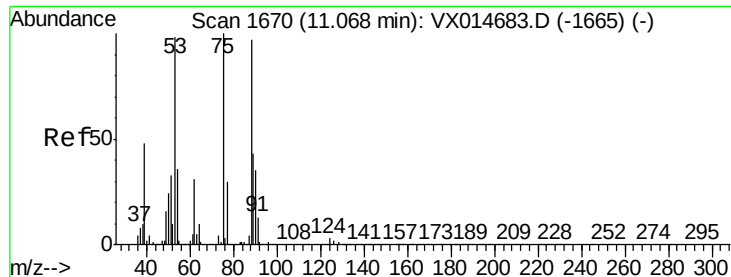
Tot Ion: 91 Resp: 725426
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.959 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion: 105 Resp: 899437
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6

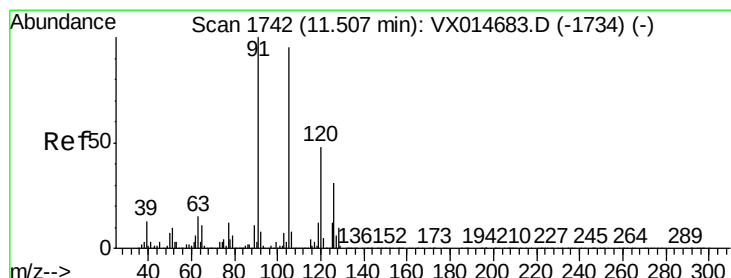
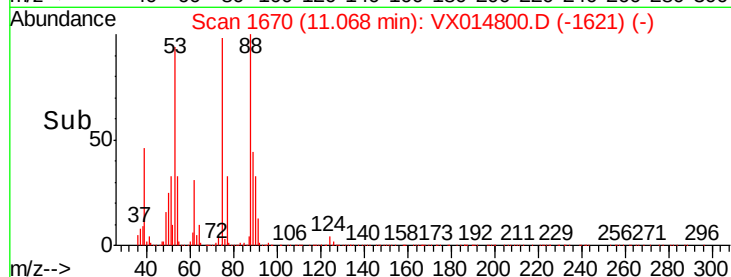
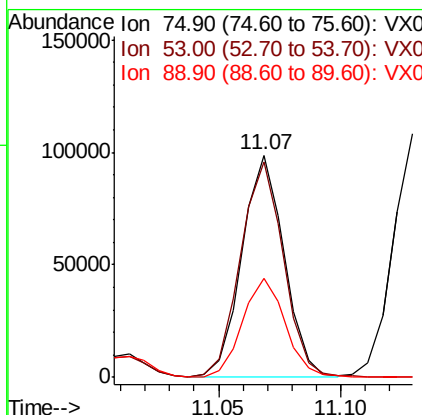
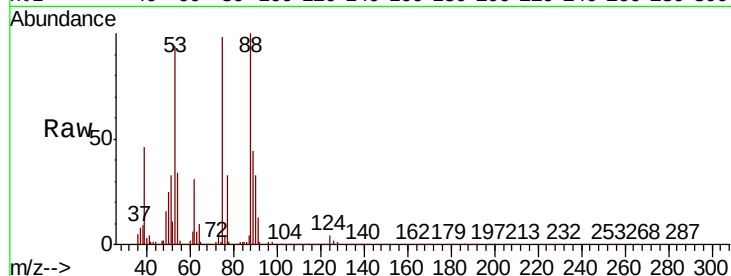




#81
trans-1,4-Dichloro-2-butene
Concen: 46.813 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

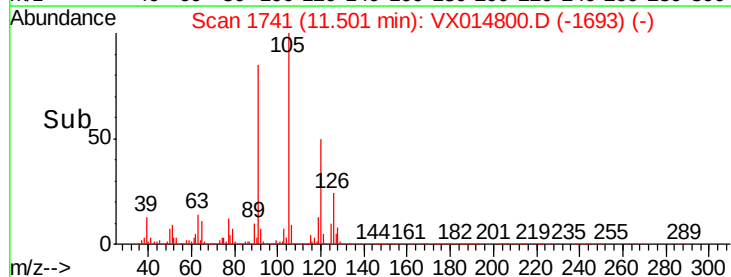
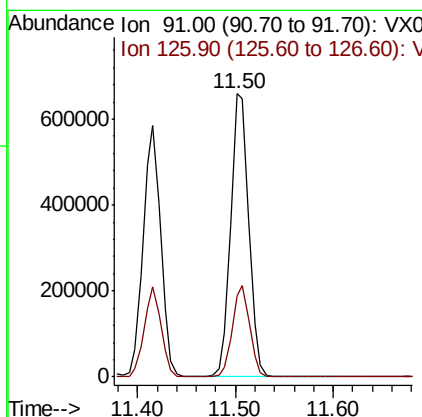
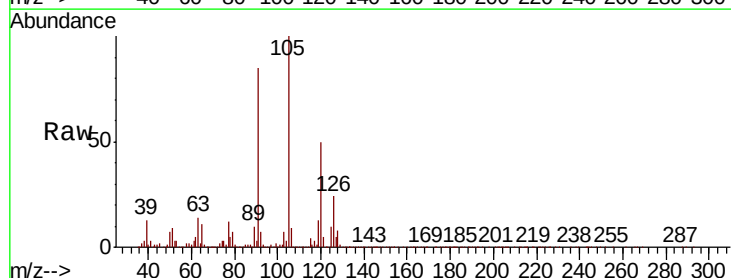
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

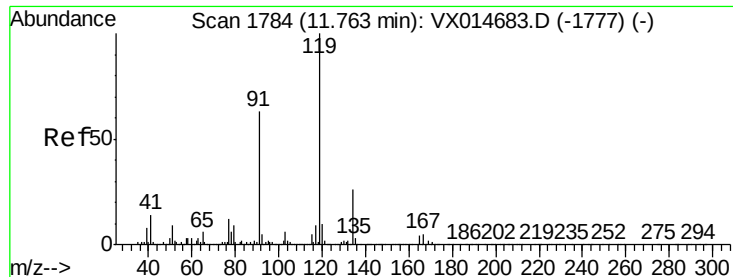
Tot Ion: 75 Resp: 118069
Ion Ratio Lower Upper
75 100
53 98.4 78.8 118.2
89 45.6 35.4 53.0



#82
4-Chlorotoluene
Concen: 49.754 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 91 Resp: 843865
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.4

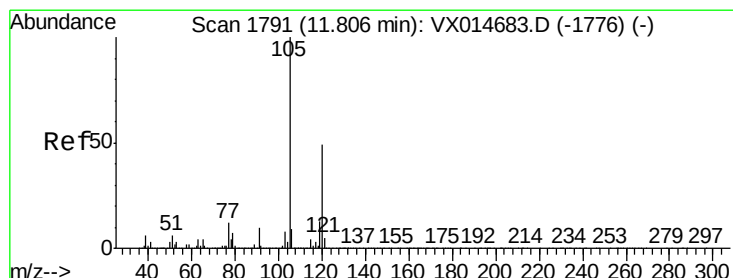
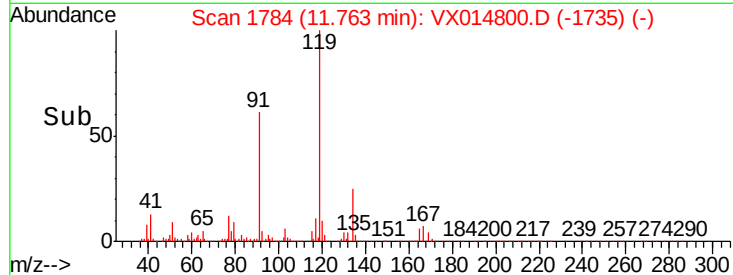
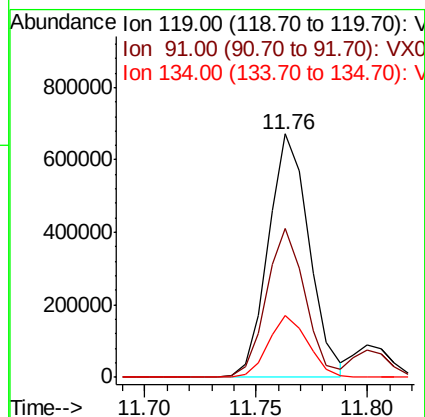
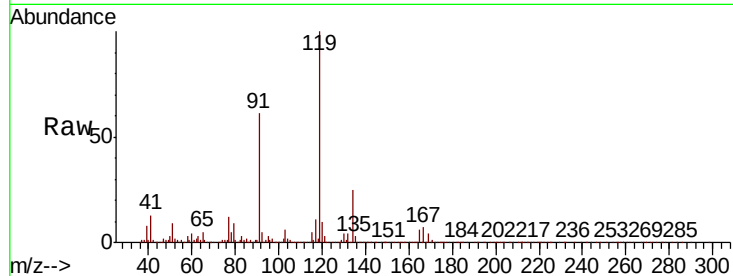




#83
tert-Butylbenzene
Concen: 50.571 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

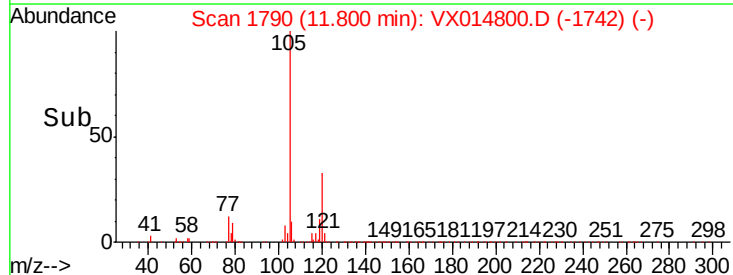
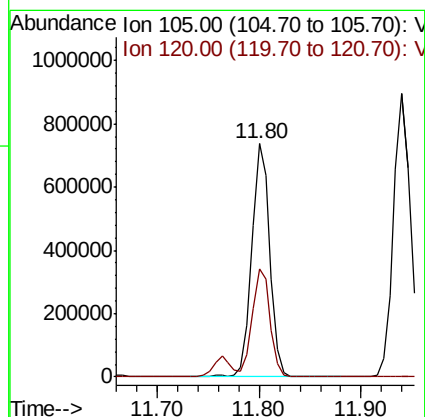
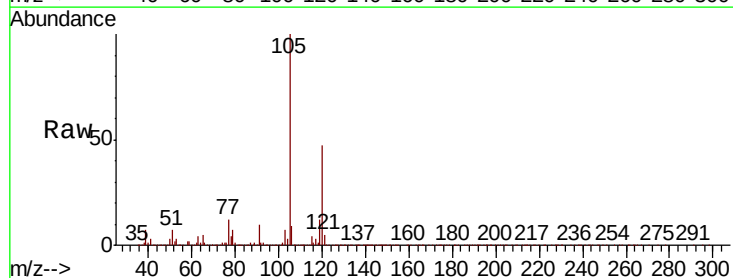
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

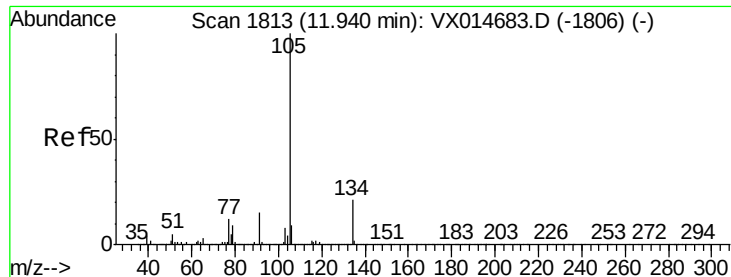
Tot Ion:119 Resp: 855530
Ion Ratio Lower Upper
119 100
91 58.2 30.0 90.0
134 24.5 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 50.272 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion:105 Resp: 907827
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 50.829 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

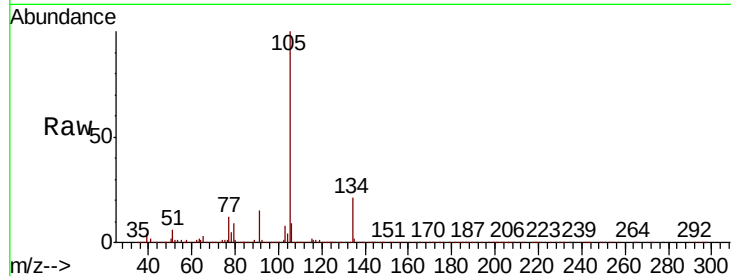
VSTDCCC050

Tot Ion:105 Resp: 1053424

Ion Ratio Lower Upper

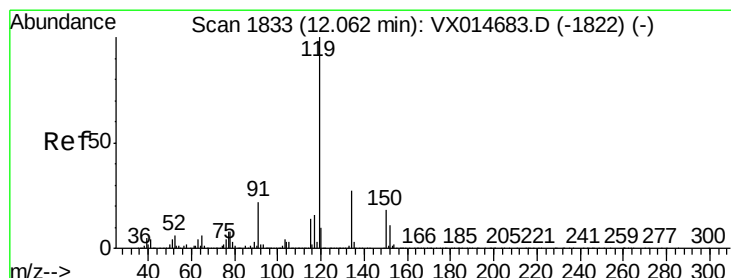
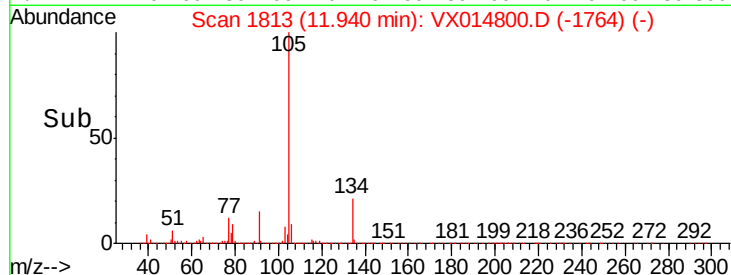
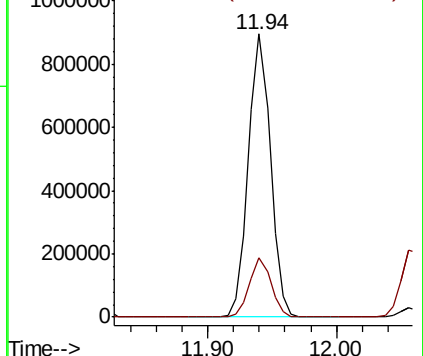
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.809 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

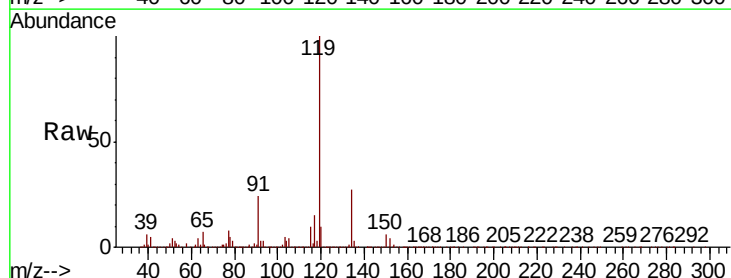
Tgt Ion:119 Resp: 973146

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

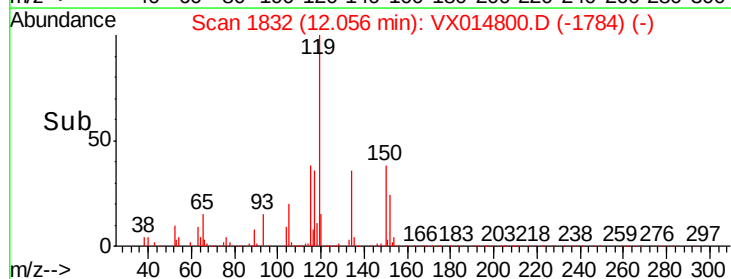
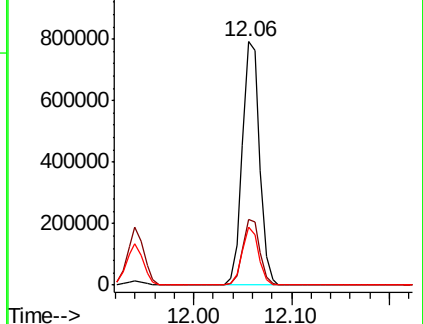
91 22.6 11.3 33.8

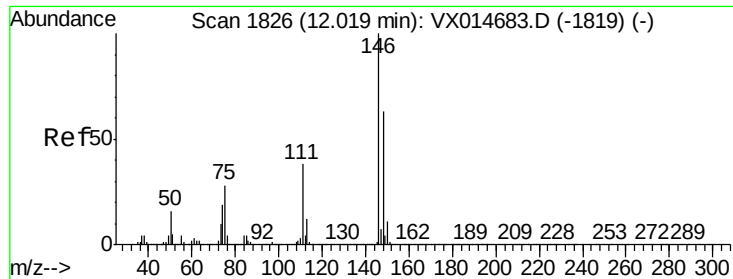


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.743 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

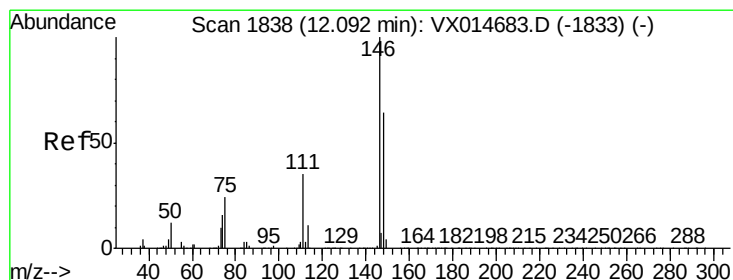
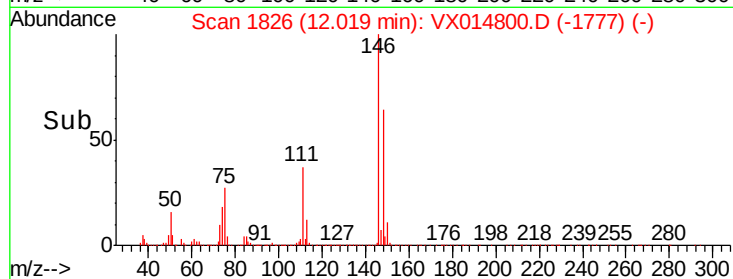
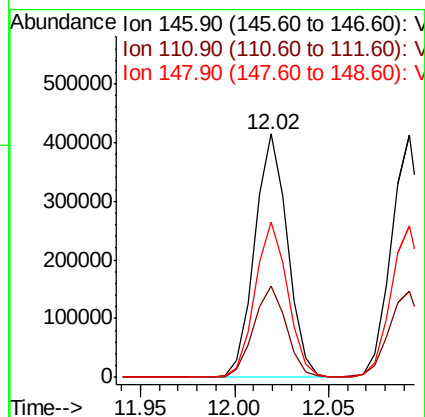
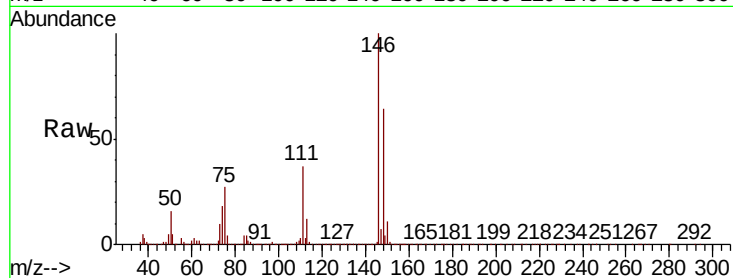
Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 500003

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	63.7	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 47.563 ug/l

RT: 12.09 min Scan# 1838

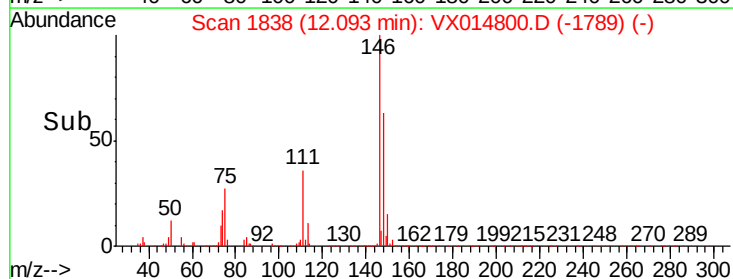
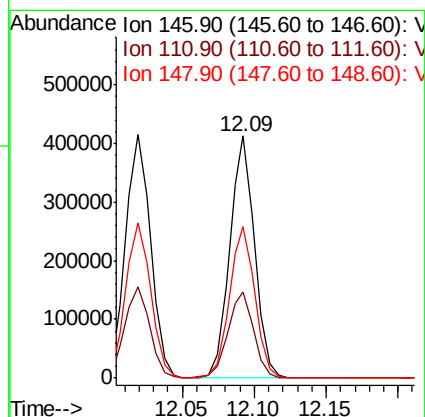
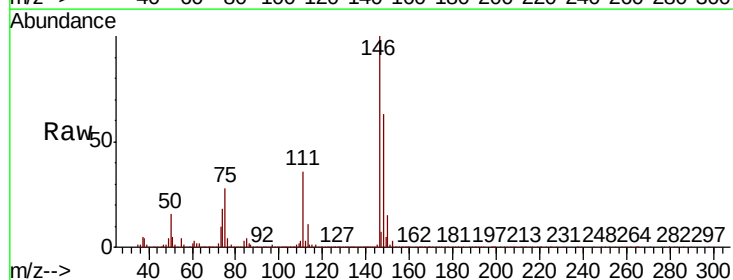
Delta R.T. 0.00 min

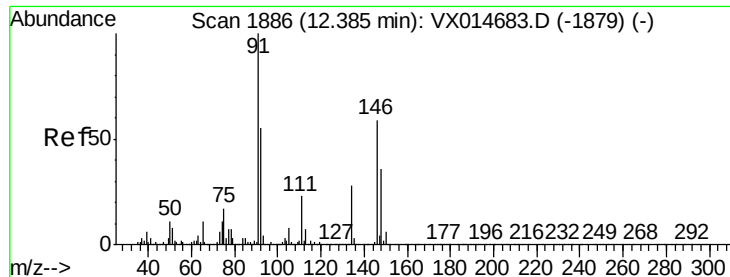
Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:146 Resp: 498970

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.0	32.0	96.2





#89

n-Butylbenzene

Concen: 50.531 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

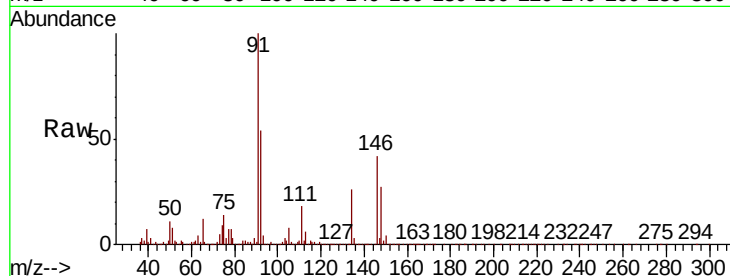
Tot Ion: 91 Resp: 842919

Ion Ratio Lower Upper

91 100

92 54.3 27.6 82.7

134 26.9 13.3 39.8

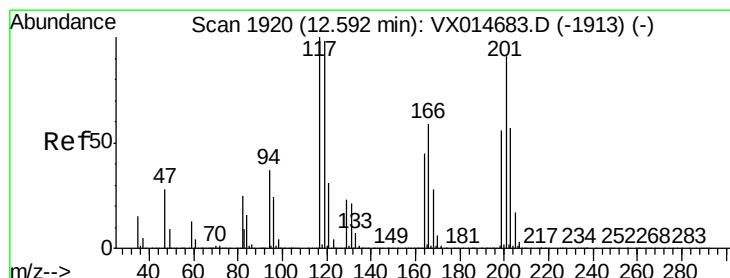
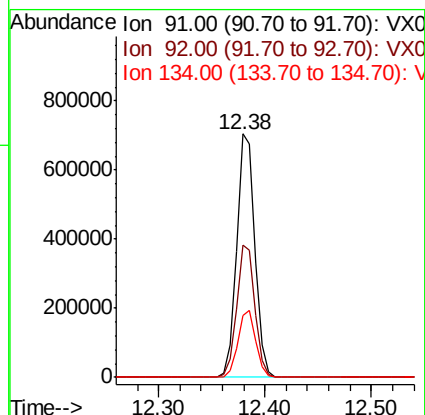
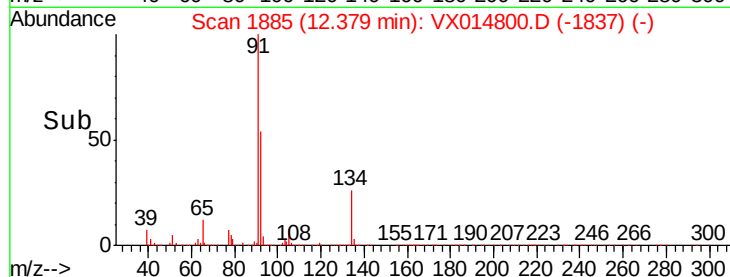


Abundance Ion 91.00 (90.70 to 91.70): VX014683.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX014683.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX014683.D (-1879) (-)

Time-->



#90

Hexachloroethane

Concen: 49.446 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014800.D

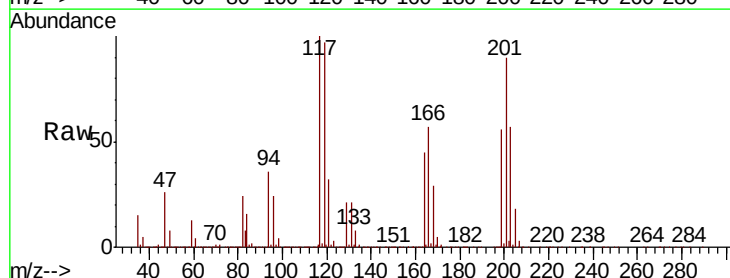
Acq: 04 Feb 2020 10:19

Tgt Ion: 117 Resp: 175907

Ion Ratio Lower Upper

117 100

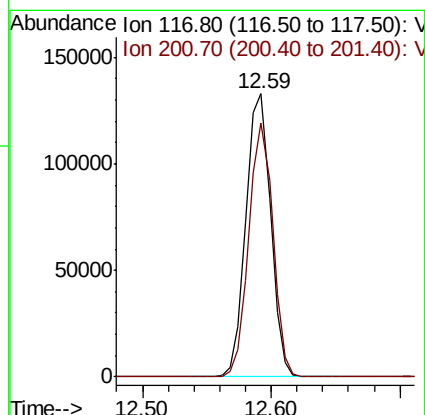
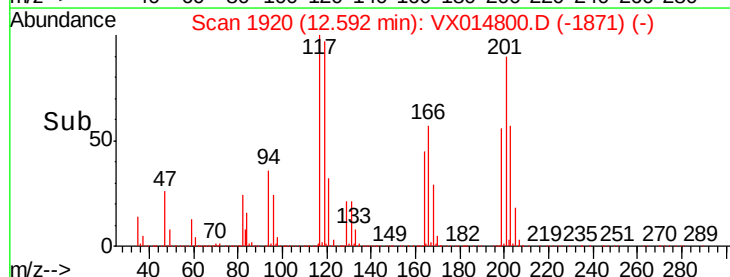
201 87.0 44.4 133.1

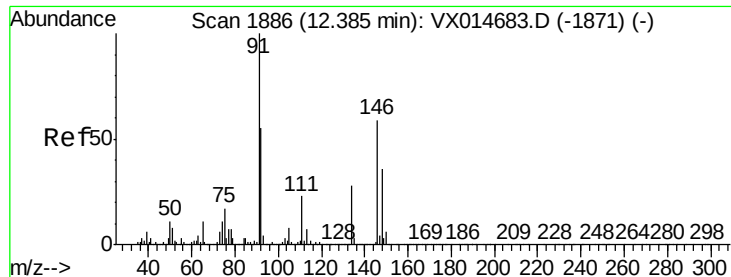


Abundance Ion 116.80 (116.50 to 117.50): VX014683.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX014683.D (-1913) (-)

Time-->

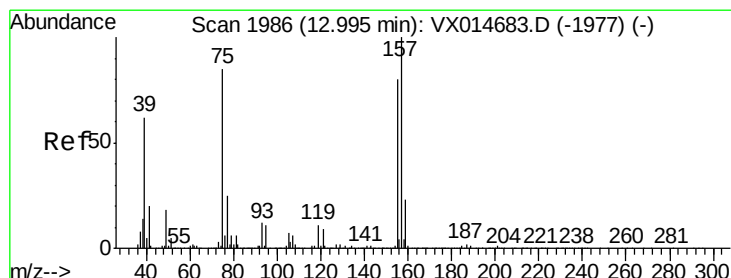
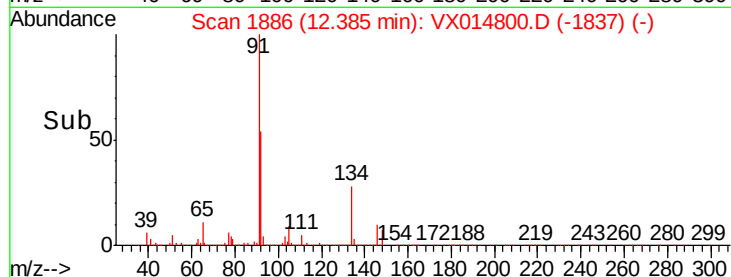
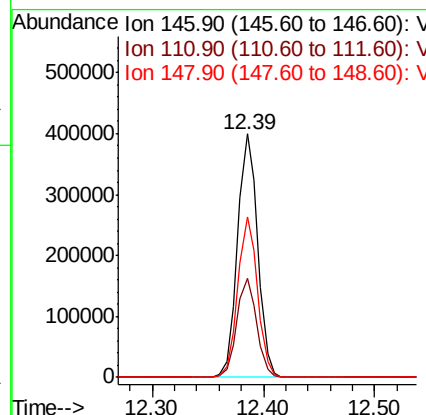
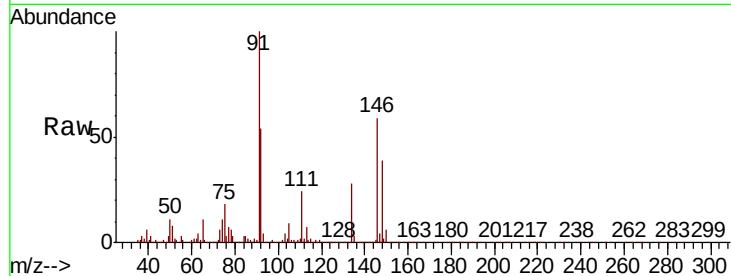




#91
 1,2-Dichlorobenzene
 Concen: 47.907 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

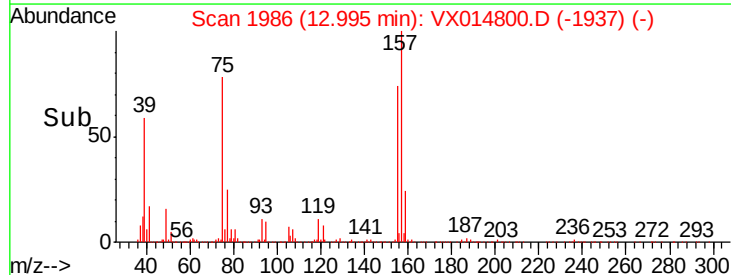
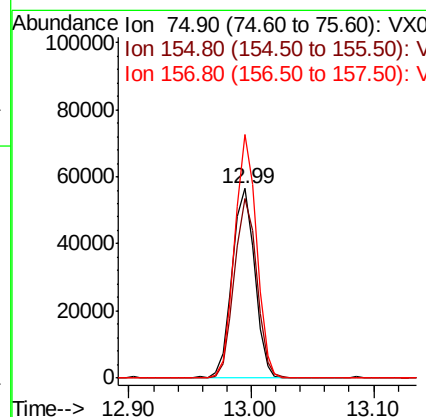
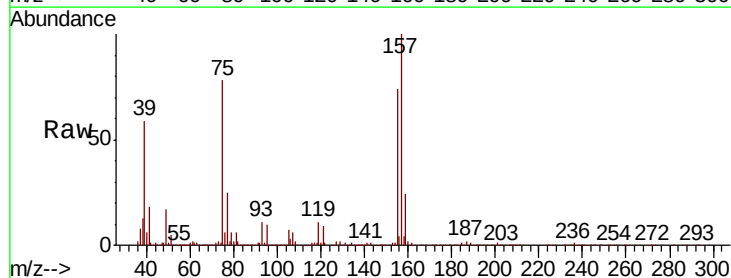
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

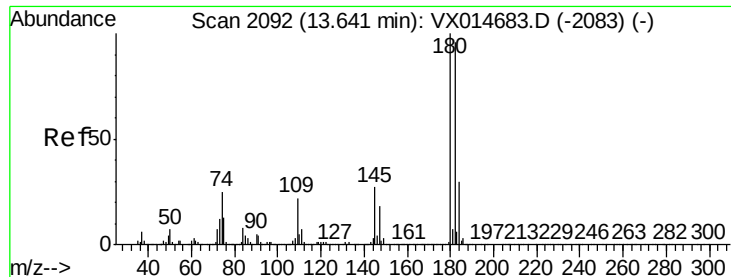
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.8
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.164 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	45.6	136.9
157	124.1	60.3	180.9

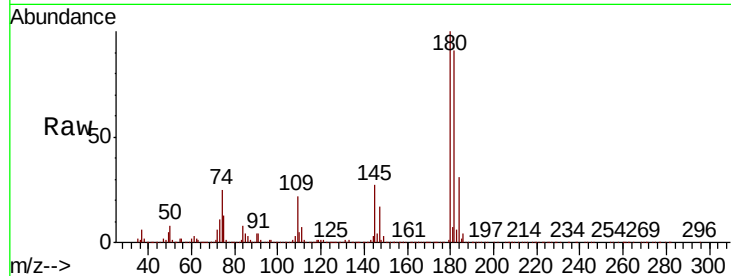




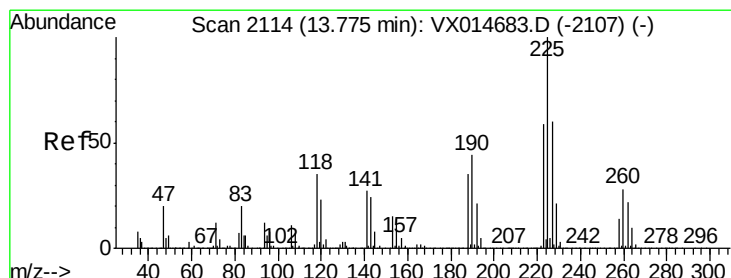
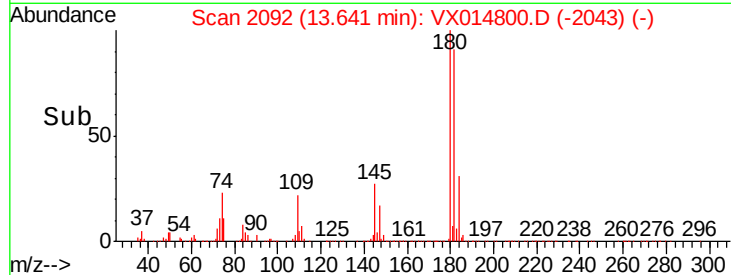
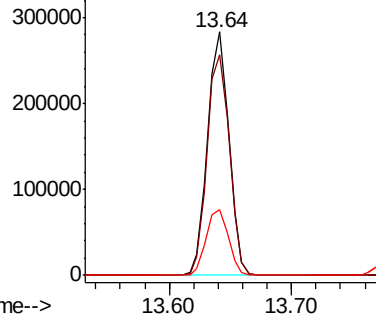
#93
 1,2,4-Trichlorobenzene
 Concen: 50.839 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.6
145	28.3	14.0	41.9

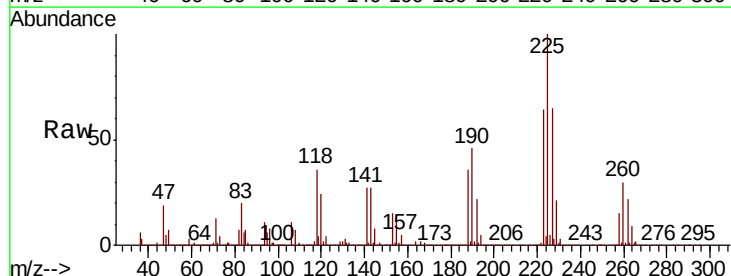


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

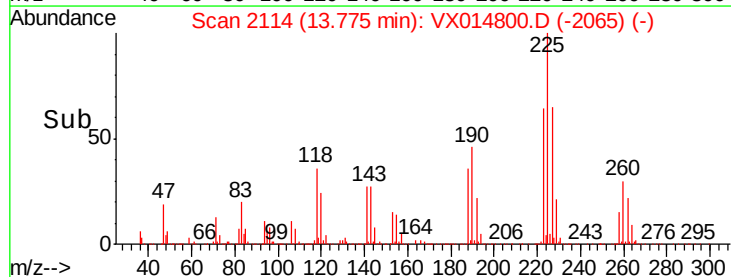
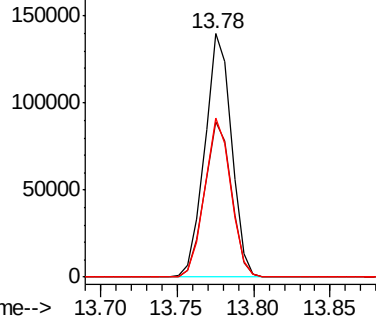


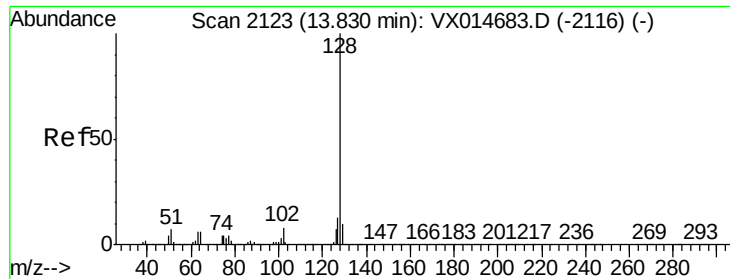
#94
 Hexachlorobutadiene
 Concen: 48.928 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	30.6	91.8
227	64.2	31.4	94.0



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

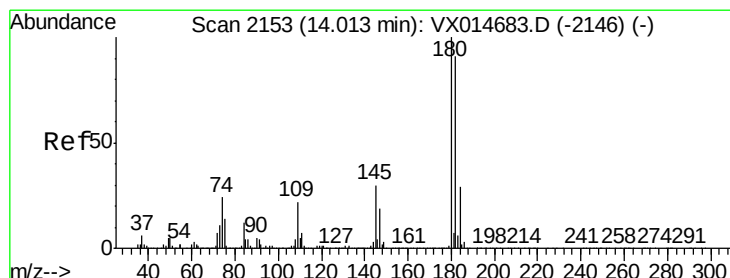
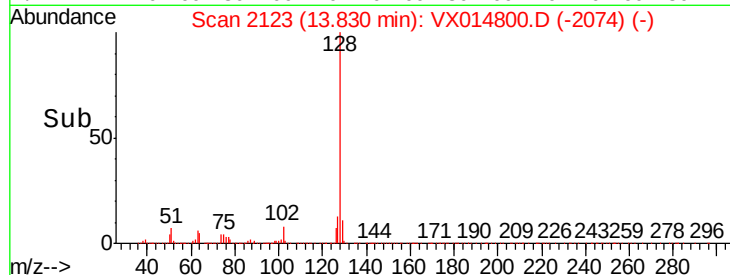
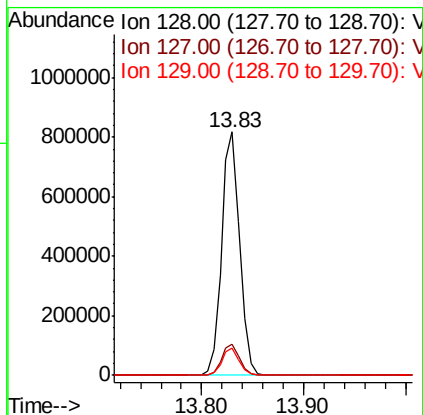
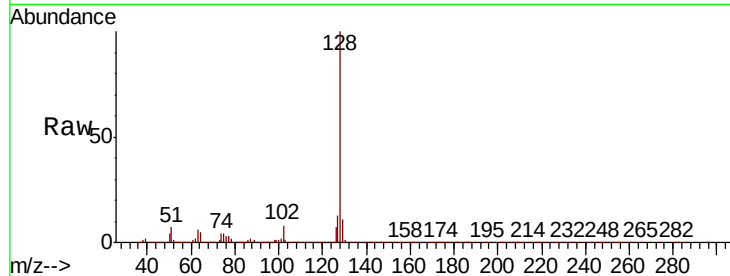




#95
Naphthalene
Concen: 46.454 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1003143
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.118 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion:180 Resp: 339846
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 29.6 14.7 44.1

