

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015244.D
 Acq On : 13 Mar 2020 08:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 08:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	305633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	419975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	210824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	142753	39.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.74%	
35) Dibromofluoromethane	5.48	113	130946	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	469959	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.13	95	173938	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	122416	45.740	ug/l	98
3) Chloromethane	1.32	50	163336	43.084	ug/l	100
4) Vinyl Chloride	1.40	62	166136	43.218	ug/l	99
5) Bromomethane	1.63	94	101701	43.033	ug/l	100
6) Chloroethane	1.72	64	104252	45.209	ug/l	100
7) Trichlorofluoromethane	1.92	101	214900	46.982	ug/l	97
8) Diethyl Ether	2.18	74	95357	46.027	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135428	47.059	ug/l	98
10) Methyl Iodide	2.50	142	131718	40.512	ug/l	99
11) Tert butyl alcohol	3.03	59	144698	230.008	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133732	45.027	ug/l	97
13) Acrolein	2.28	56	127929	216.387	ug/l	100
14) Allyl chloride	2.72	41	254170	49.079	ug/l	94
15) Acrylonitrile	3.12	53	379399	242.163	ug/l	100
16) Acetone	2.43	43	365126	248.649	ug/l	97
17) Carbon Disulfide	2.56	76	354586	42.990	ug/l	99
18) Methyl Acetate	2.76	43	170344	47.442	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	448727	48.348	ug/l	100
20) Methylene Chloride	2.84	84	152582	44.400	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	143523	45.256	ug/l	100
22) Diisopropyl ether	3.84	45	517712	50.177	ug/l	99
23) Vinyl Acetate	3.80	43	2123589	250.384	ug/l	99
24) 1,1-Dichloroethane	3.69	63	264953	46.268	ug/l	99
25) 2-Butanone	4.65	43	559091	260.068	ug/l	98
26) 2,2-Dichloropropane	4.56	77	213574	46.981	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	166086	46.682	ug/l	98
28) Bromochloromethane	5.00	49	131234	50.327	ug/l	96
29) Tetrahydrofuran	5.11	42	333636	240.757	ug/l	97
30) Chloroform	5.19	83	258369	46.291	ug/l	100
31) Cyclohexane	5.57	56	248716	48.693	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	219297	47.399	ug/l	99
36) 1,1-Dichloropropene	5.79	75	198731	51.187	ug/l	99
37) Ethyl Acetate	4.81	43	205194	56.976	ug/l	98
38) Carbon Tetrachloride	5.77	117	189620	51.741	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015244.D
 Acq On : 13 Mar 2020 08:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 08:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	232139	51.205	ug/l	99
40) Benzene	6.13	78	573798	49.814	ug/l	99
41) Methacrylonitrile	5.02	41	116751	53.971	ug/l	98
42) 1,2-Dichloroethane	6.18	62	189711	47.959	ug/l	99
43) Isopropyl Acetate	6.43	43	325196	51.328	ug/l	100
44) Trichloroethene	7.20	130	159530	49.730	ug/l	96
45) 1,2-Dichloropropane	7.50	63	152708	51.218	ug/l	98
46) Dibromomethane	7.65	93	93737	48.250	ug/l	97
47) Bromodichloromethane	7.89	83	190057	49.471	ug/l	99
48) Methyl methacrylate	7.76	41	162258	50.319	ug/l	96
49) 1,4-Dioxane	7.73	88	64760	928.868	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	963370	257.175	ug/l	100
52) Toluene	8.78	92	359601	51.058	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	214169	52.375	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	239495	51.808	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	143712	49.575	ug/l	97
56) Ethyl methacrylate	9.17	69	223360	54.019	ug/l	96
57) 1,3-Dichloropropane	9.36	76	243502	49.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	557771	247.614	ug/l	99
59) 2-Hexanone	9.48	43	750817	270.423	ug/l	99
60) Dibromochloromethane	9.57	129	155844	51.178	ug/l	99
61) 1,2-Dibromoethane	9.67	107	147503	48.444	ug/l	100
64) Tetrachloroethene	9.33	164	165163	51.923	ug/l	96
65) Chlorobenzene	10.13	112	387860	50.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	146710	50.373	ug/l	99
67) Ethyl Benzene	10.24	91	687570	52.423	ug/l	100
68) m/p-Xylenes	10.35	106	531375	106.486	ug/l	99
69) o-Xylene	10.69	106	250688	52.470	ug/l	100
70) Styrene	10.71	104	444577	54.270	ug/l	99
71) Bromoform	10.85	173	120488	53.349	ug/l	99
73) Isopropylbenzene	11.01	105	679007	50.418	ug/l	100
74) N-amyl acetate	10.89	43	279788	49.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	203228	45.280	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	242439	57.651	ug/l	79
77) Bromobenzene	11.25	156	180912	48.202	ug/l	98
78) n-propylbenzene	11.35	91	792164	51.485	ug/l	100
79) 2-Chlorotoluene	11.42	91	457157	49.753	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	572901	51.101	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	72448	48.893	ug/l	96
82) 4-Chlorotoluene	11.51	91	537555	49.518	ug/l	100
83) tert-Butylbenzene	11.76	119	548583	50.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	582779	51.743	ug/l	100
85) sec-Butylbenzene	11.94	105	691123	52.813	ug/l	100
86) p-Isopropyltoluene	12.06	119	635724	52.728	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	325147	49.279	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	327861	48.130	ug/l	100
89) n-Butylbenzene	12.38	91	566904	52.867	ug/l	99
90) Hexachloroethane	12.59	117	111557	48.942	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	317571	48.412	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43355	48.239	ug/l	95

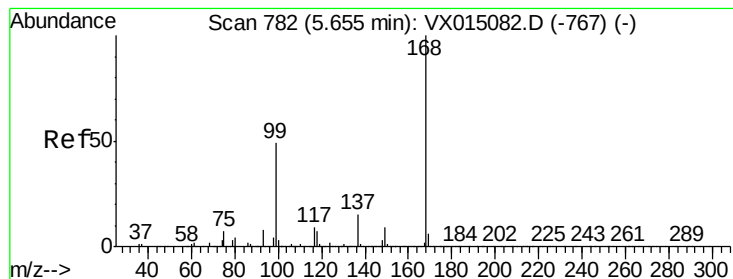
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015244.D
Acq On : 13 Mar 2020 08:53
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 16 08:15:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	243808	53.544	ug/l	99
94) Hexachlorobutadiene	13.77	225	126977	54.343	ug/l	99
95) Naphthalene	13.83	128	644512	46.294	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	242102	53.290	ug/l	99

(#) = 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: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

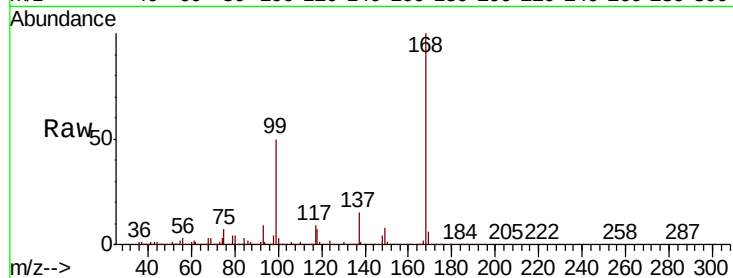
VSTDCCC050

Tot Ion:168 Resp: 305633

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

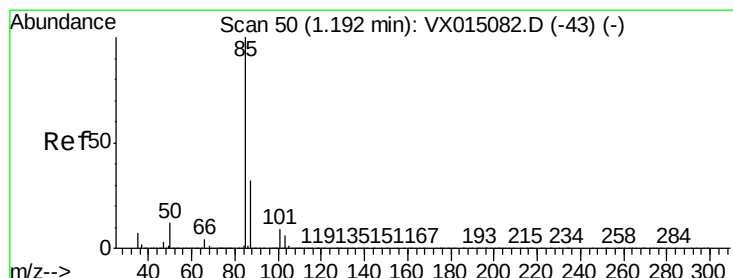
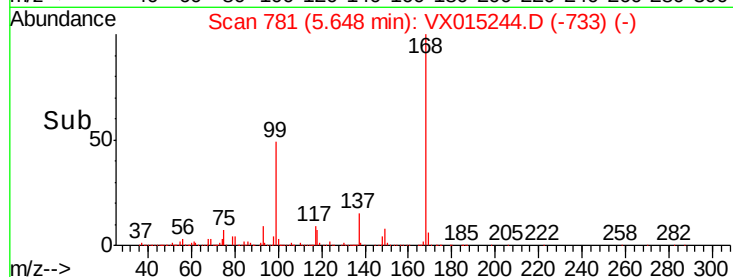
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.740 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015244.D

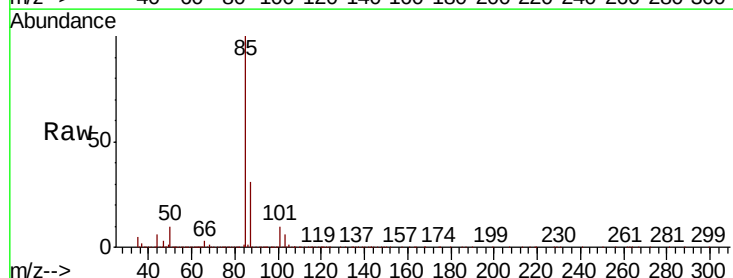
Acq: 13 Mar 2020 08:53

Tgt Ion: 85 Resp: 122416

Ion Ratio Lower Upper

85 100

87 31.0 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

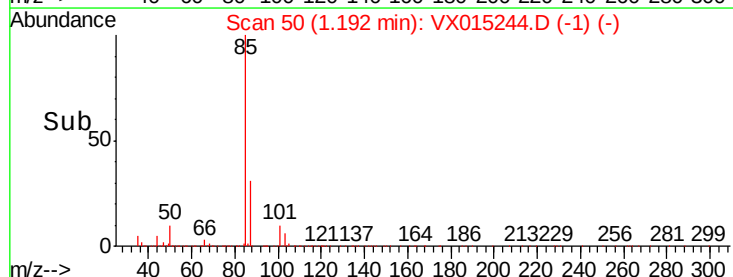
150000

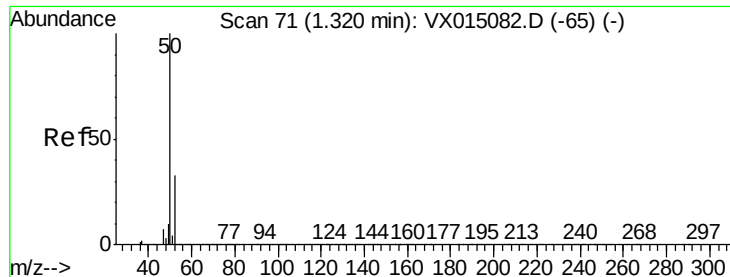
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.084 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

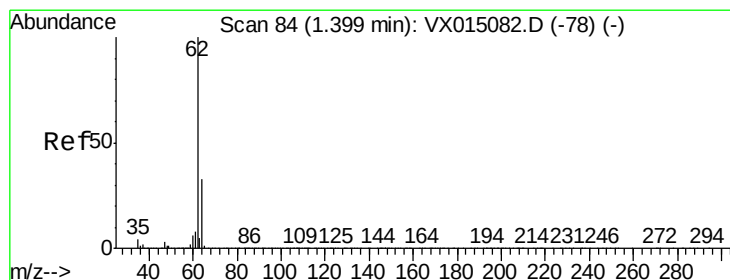
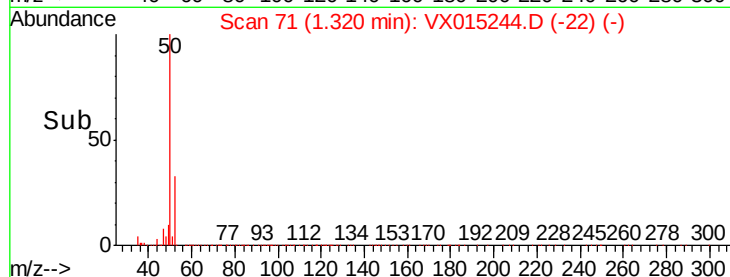
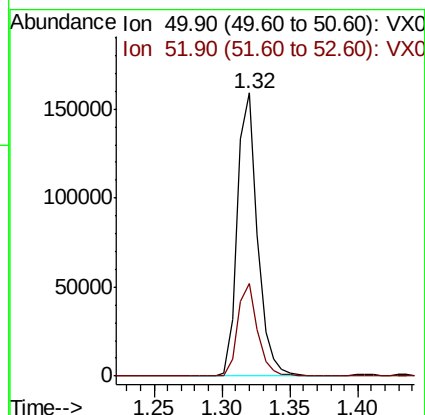
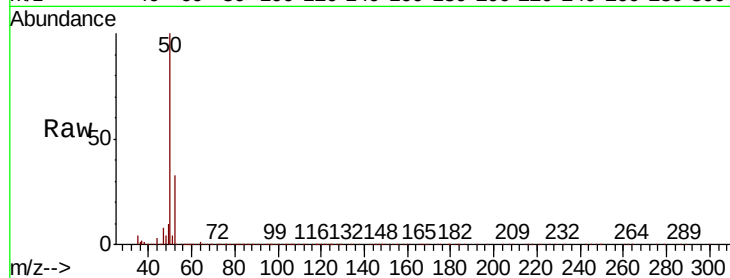
VSTDCCC050

Tot Ion: 50 Resp: 163336

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 43.218 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015244.D

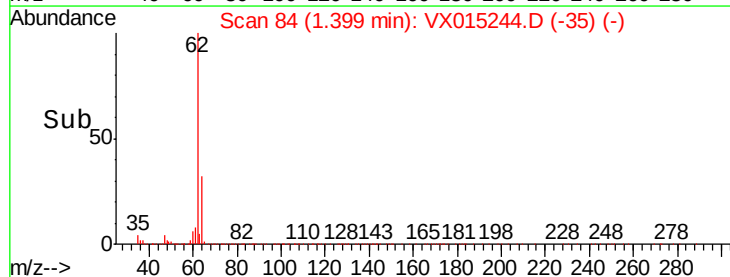
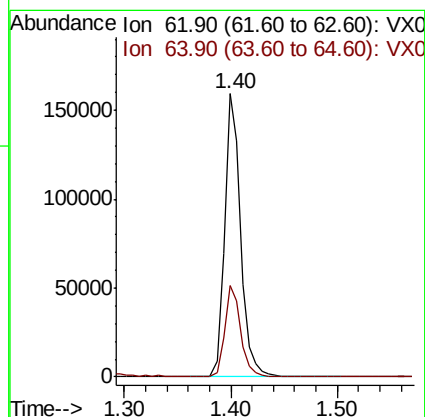
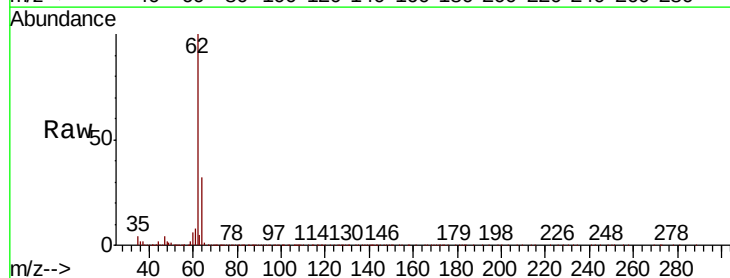
Acq: 13 Mar 2020 08:53

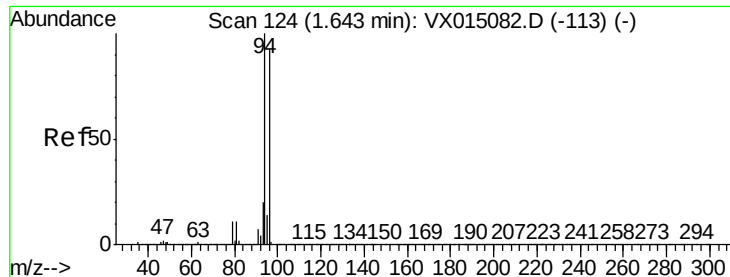
Tgt Ion: 62 Resp: 166136

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 43.033 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

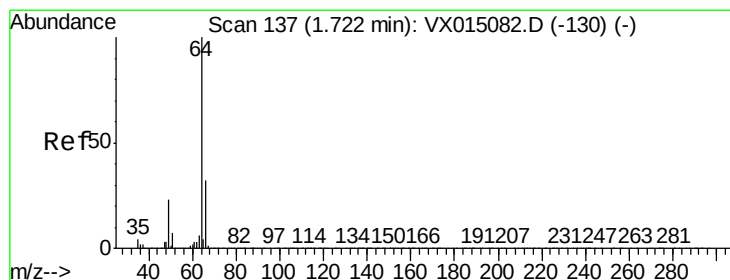
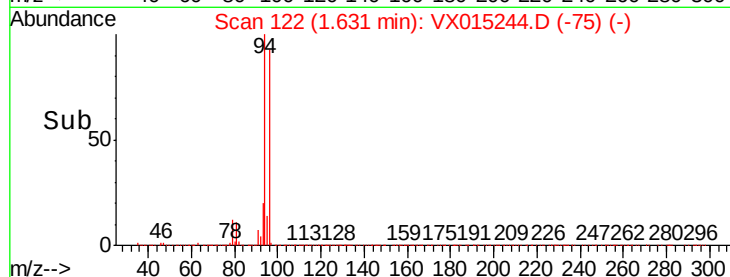
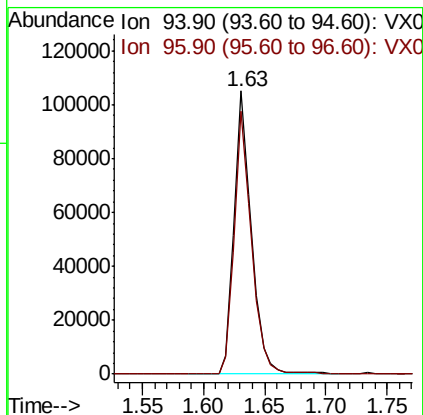
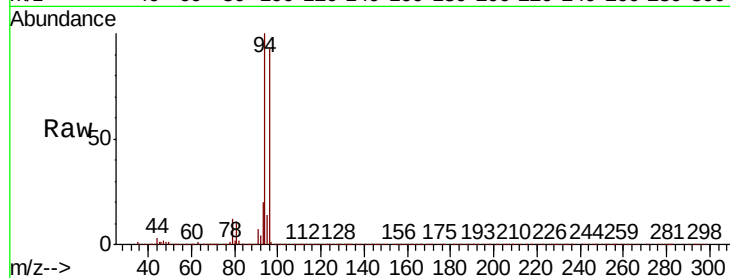
VSTDCCC050

Tot Ion: 94 Resp: 101701

Ion Ratio Lower Upper

94 100

96 93.1 74.6 111.8



#6

Chloroethane

Concen: 45.209 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015244.D

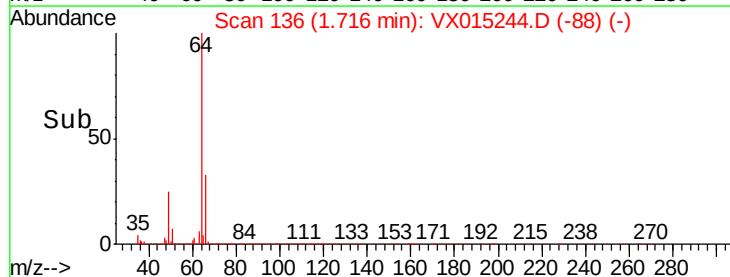
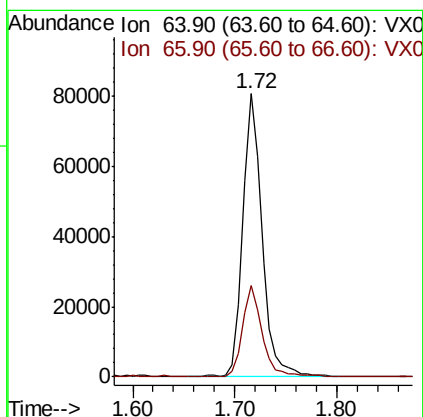
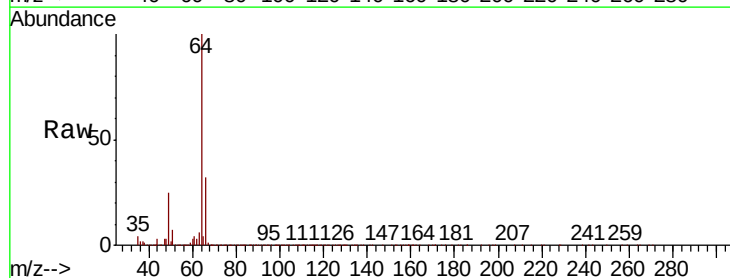
Acq: 13 Mar 2020 08:53

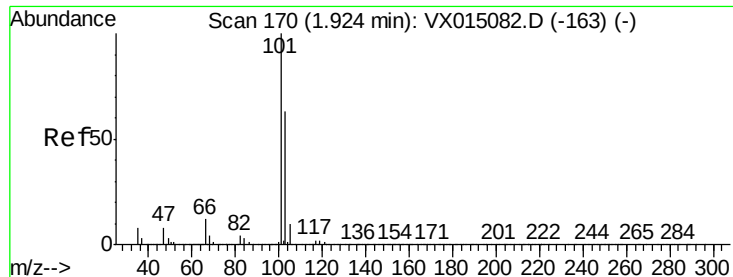
Tgt Ion: 64 Resp: 104252

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



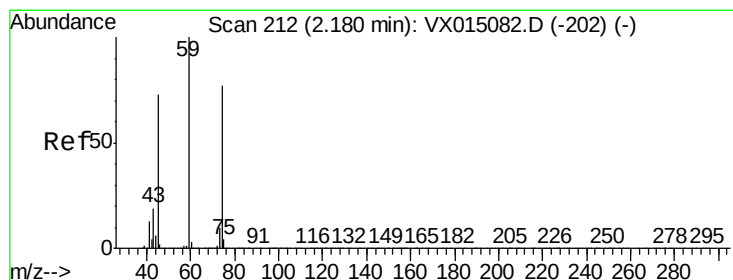
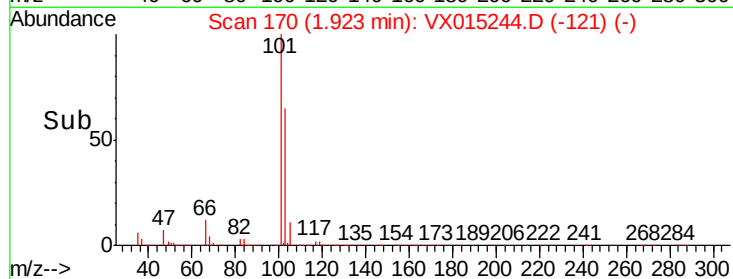
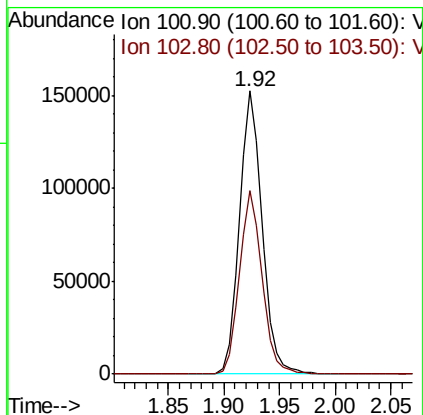
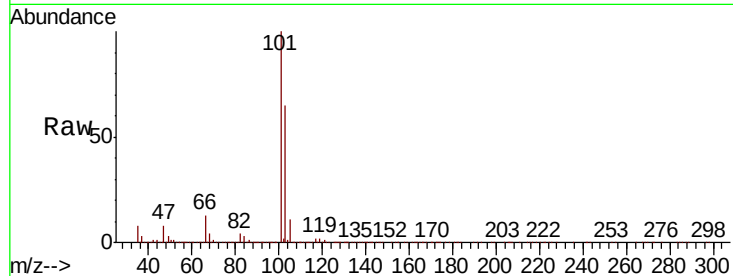


#7

Trichlorofluoromethane
Concen: 46.982 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

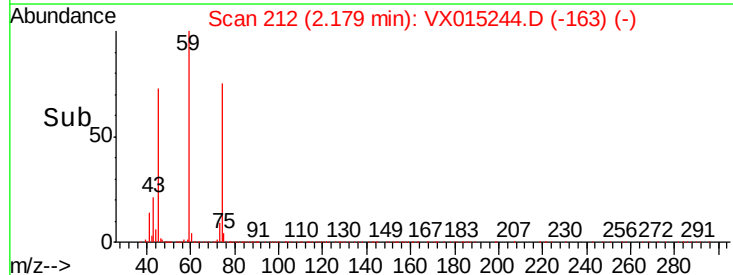
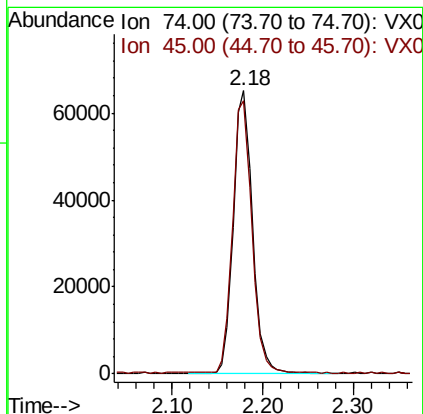
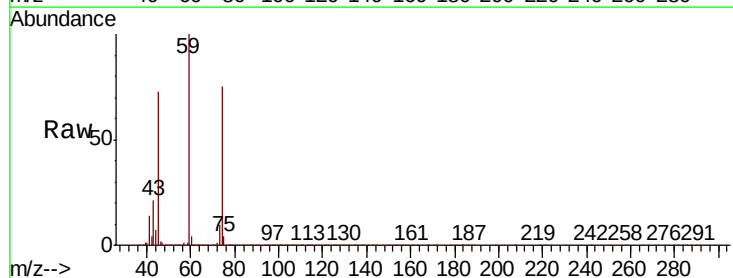
Tot Ion:101 Resp: 214900
Ion Ratio Lower Upper
101 100
103 65.0 50.4 75.6

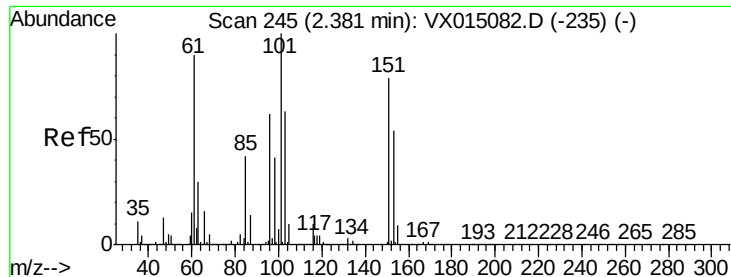


#8

Diethyl Ether
Concen: 46.027 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion: 74 Resp: 95357
Ion Ratio Lower Upper
74 100
45 97.3 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.059 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

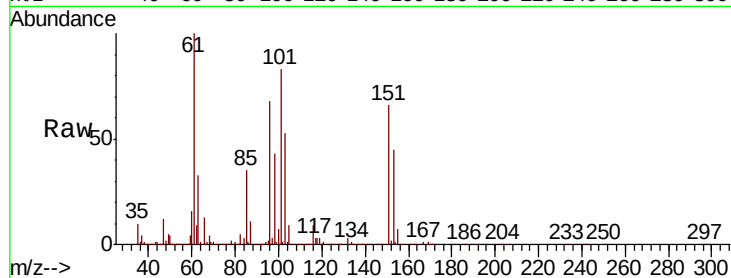
Tot Ion:101 Resp: 135428

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

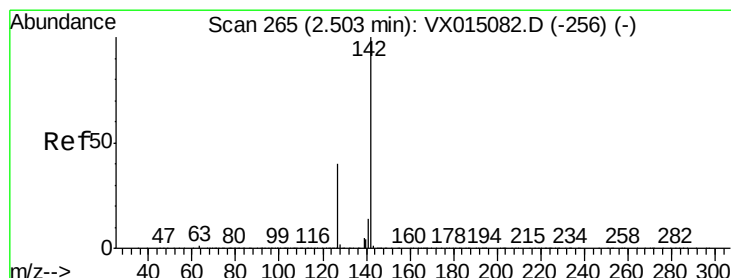
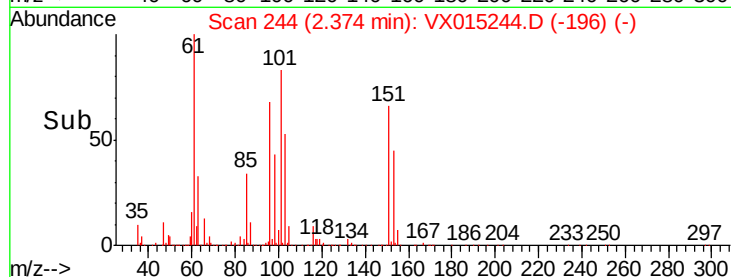
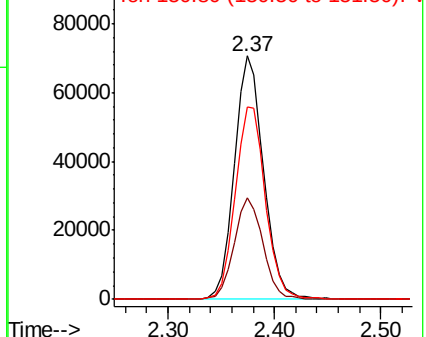
151 81.9 64.0 96.0



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: 40.512 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

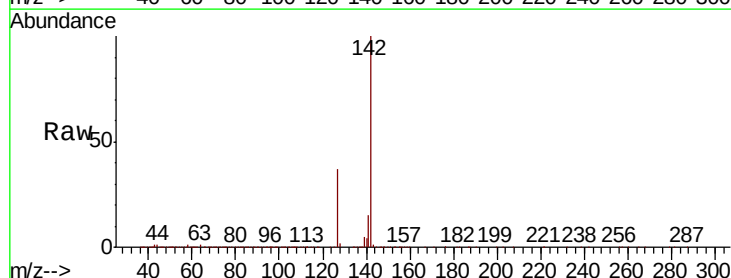
Tgt Ion:142 Resp: 131718

Ion Ratio Lower Upper

142 100

127 39.0 31.7 47.5

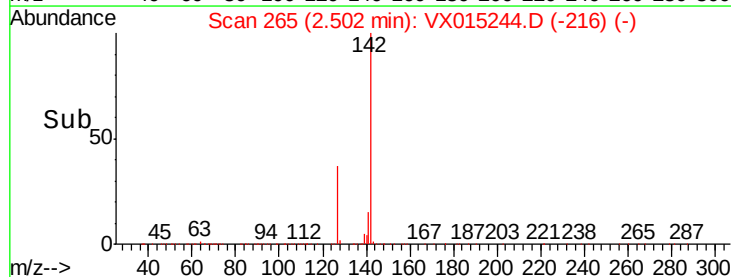
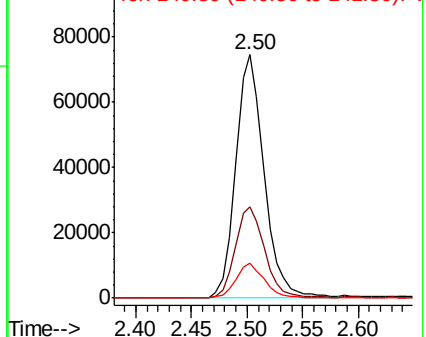
141 14.8 11.3 16.9

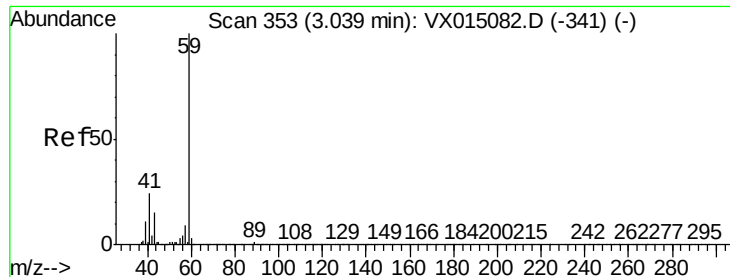


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



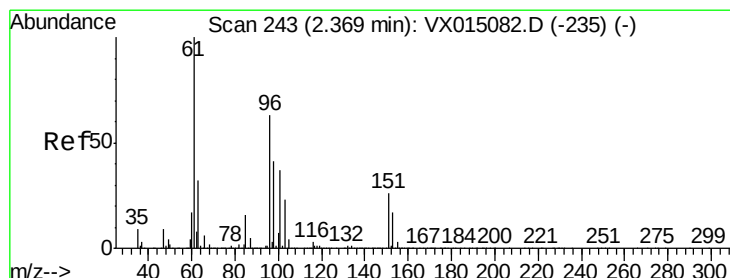
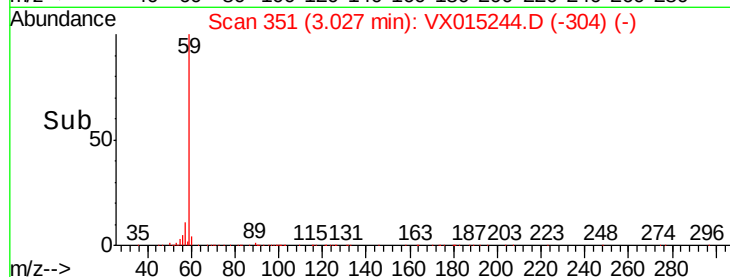
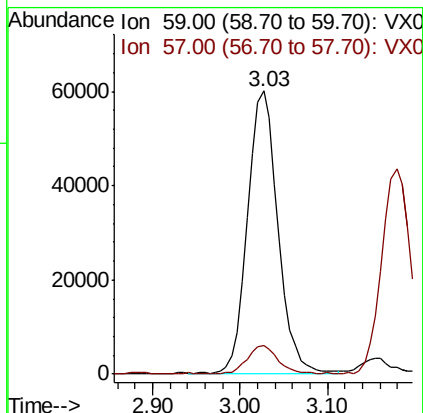
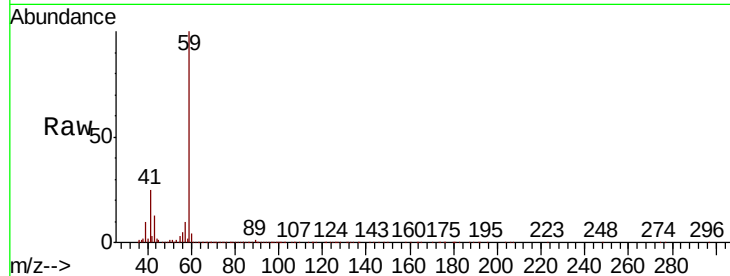


#11

Tert butyl alcohol
 Concen: 230.008 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

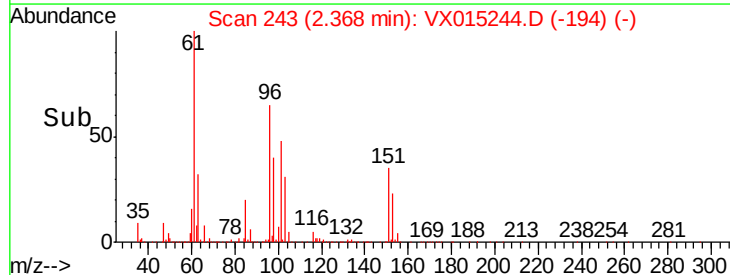
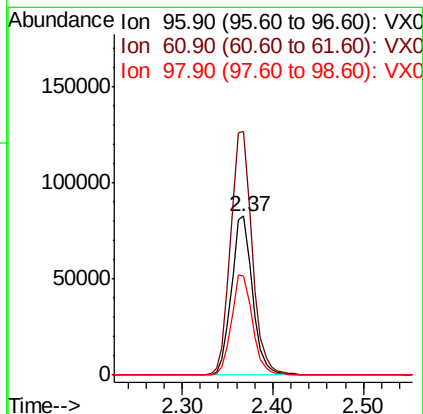
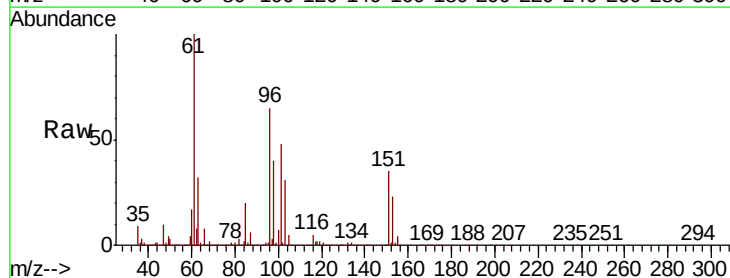
Tot Ion: 59 Resp: 144698
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.4

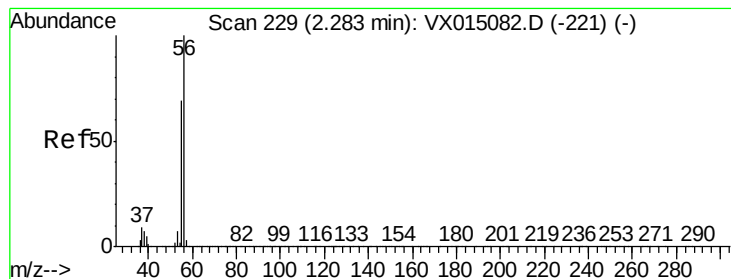


#12

1,1-Dichloroethene
 Concen: 45.027 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion: 96 Resp: 133732
 Ion Ratio Lower Upper
 96 100
 61 153.4 126.2 189.4
 98 61.9 51.4 77.0





#13

Acrolein

Concen: 216.387 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

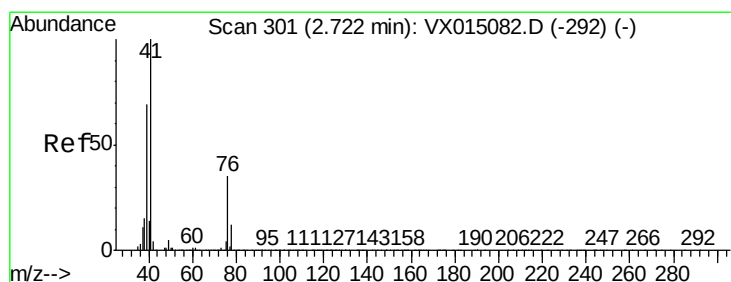
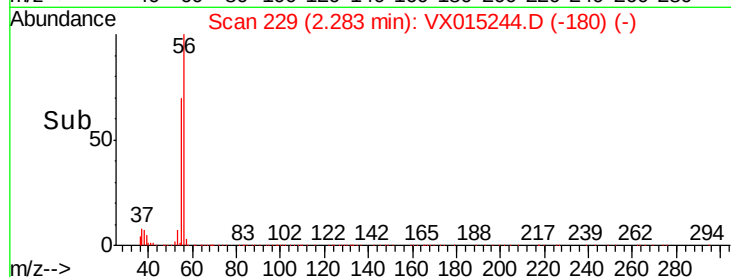
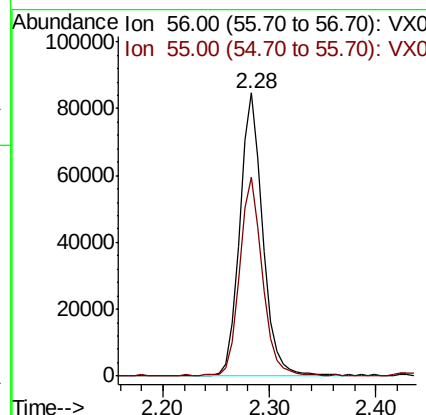
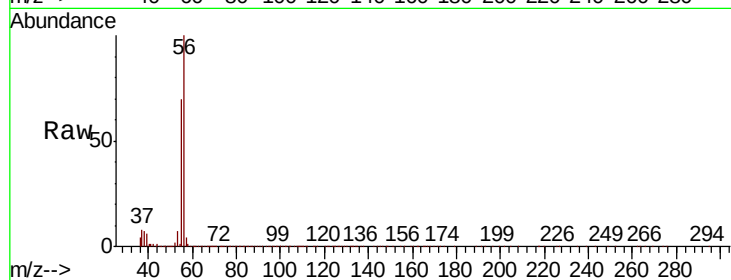
VSTDCCC050

Tot Ion: 56 Resp: 127929

Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.0



#14

Allyl chloride

Concen: 49.079 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

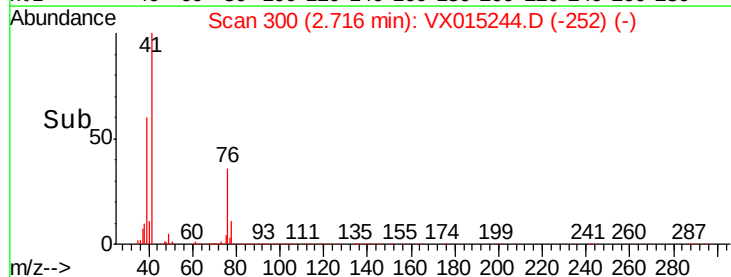
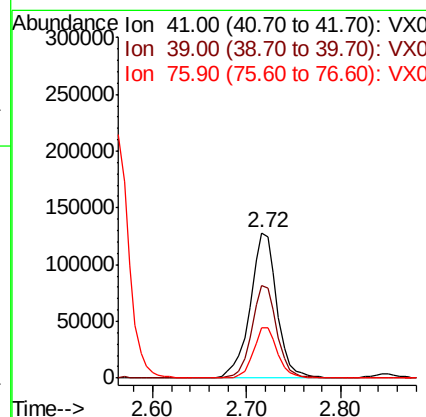
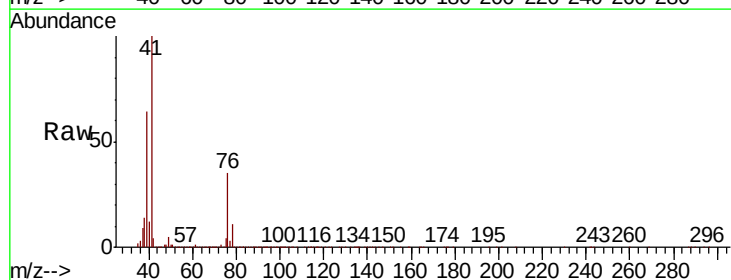
Tgt Ion: 41 Resp: 254170

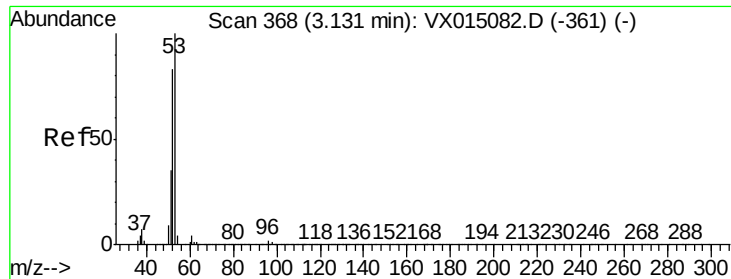
Ion Ratio Lower Upper

41 100

39 59.9 52.9 79.3

76 31.4 26.8 40.2





#15

Acrylonitrile

Concen: 242.163 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

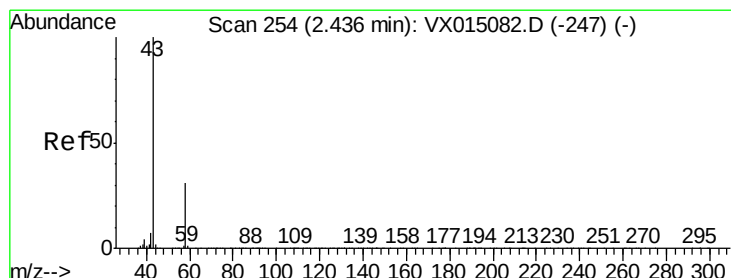
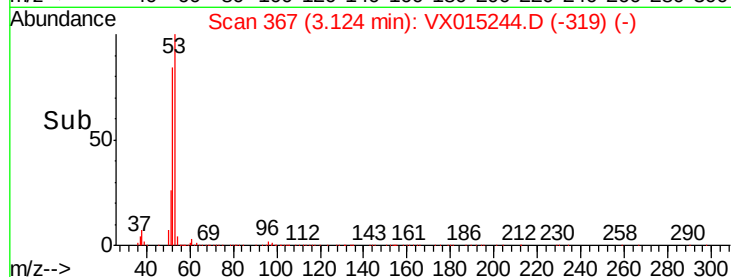
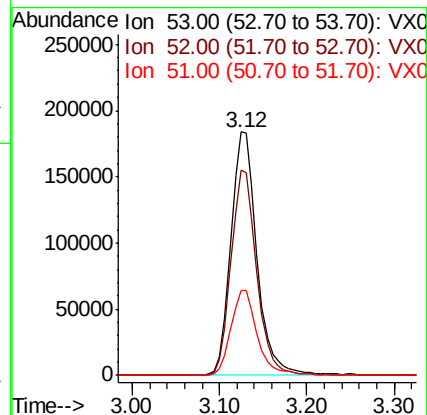
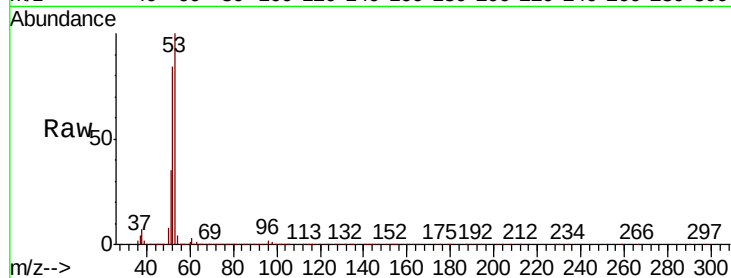
Tot Ion: 53 Resp: 379399

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 35.4 29.0 43.6



#16

Acetone

Concen: 248.649 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015244.D

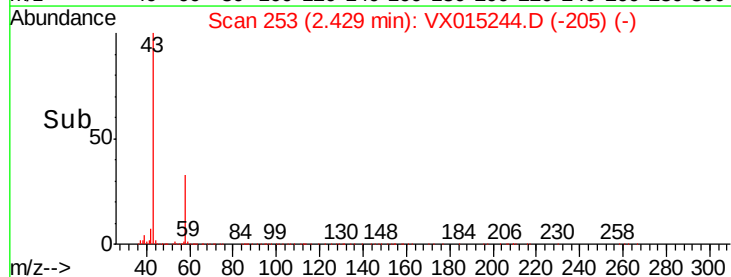
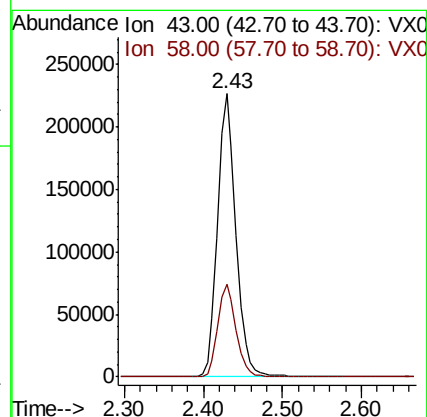
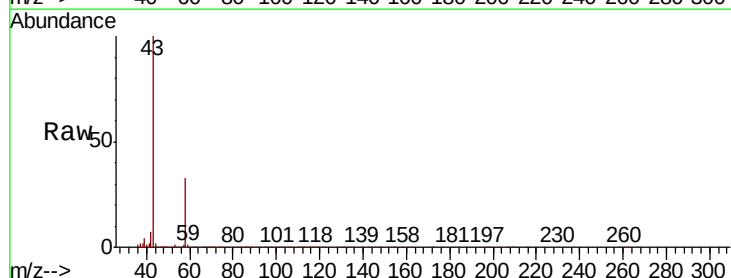
Acq: 13 Mar 2020 08:53

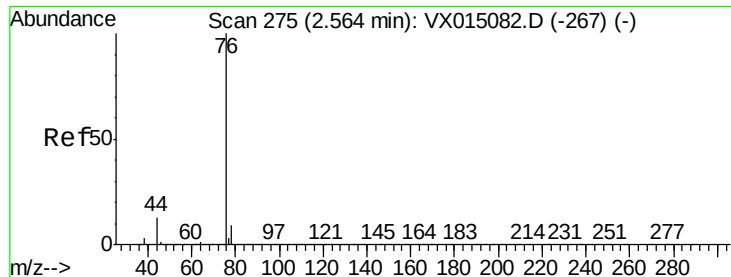
Tgt Ion: 43 Resp: 365126

Ion Ratio Lower Upper

43 100

58 32.8 24.8 37.2





#17

Carbon Disulfide

Concen: 42.990 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

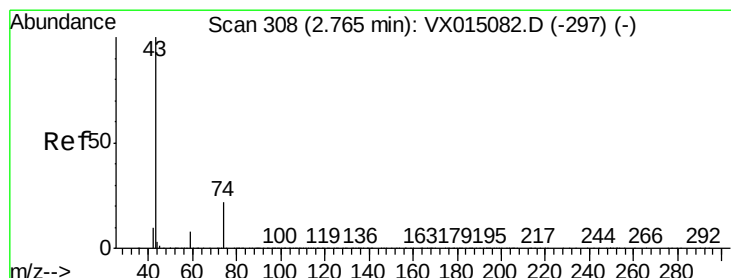
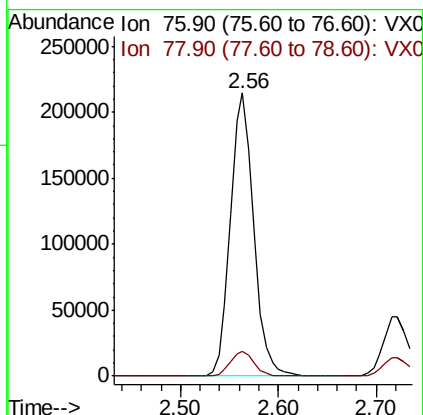
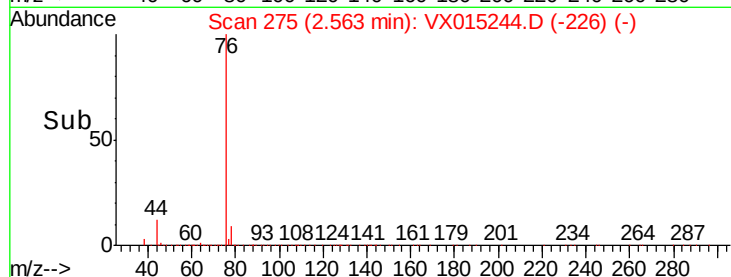
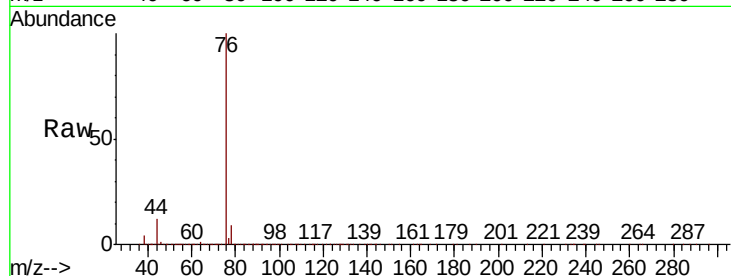
VSTDCCC050

Tot Ion: 76 Resp: 354586

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



#18

Methyl Acetate

Concen: 47.442 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015244.D

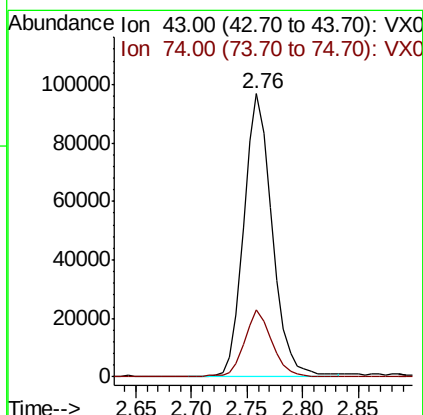
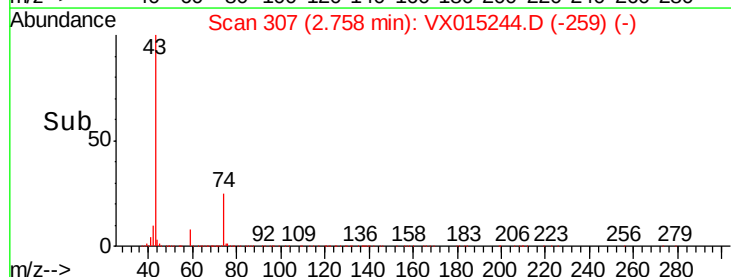
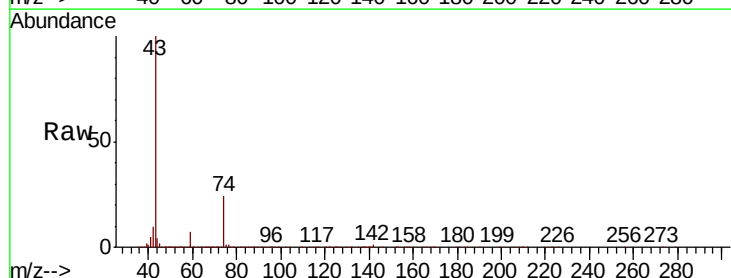
Acq: 13 Mar 2020 08:53

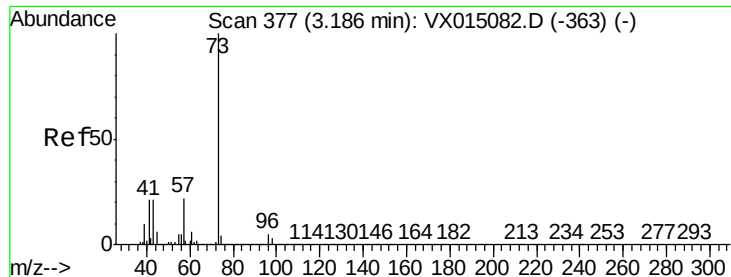
Tgt Ion: 43 Resp: 170344

Ion Ratio Lower Upper

43 100

74 23.4 18.8 28.2



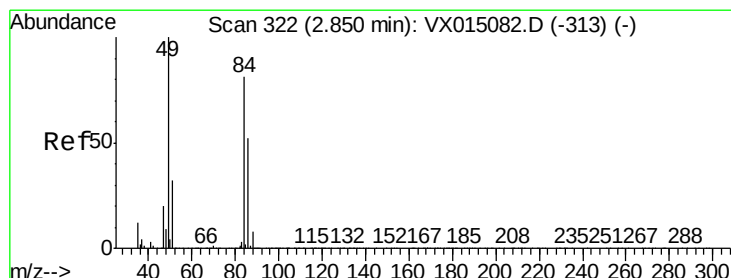
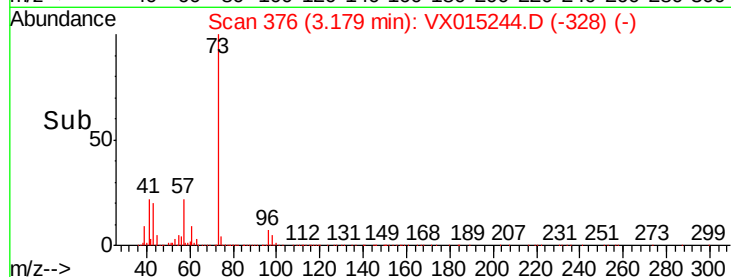
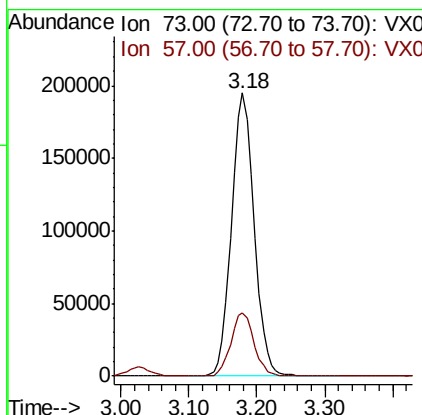
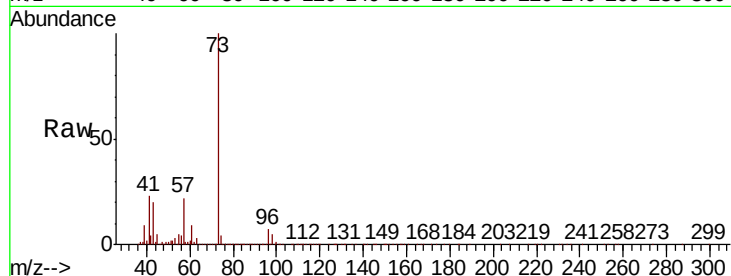


#19

Methyl tert-butyl Ether
 Concen: 48.348 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

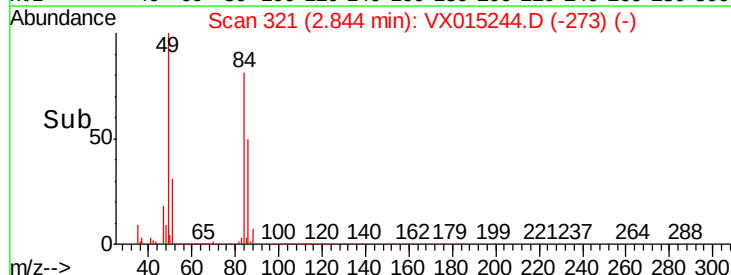
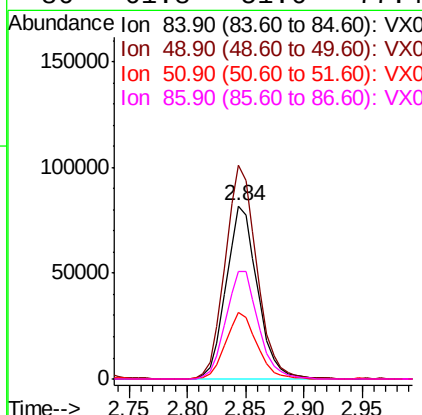
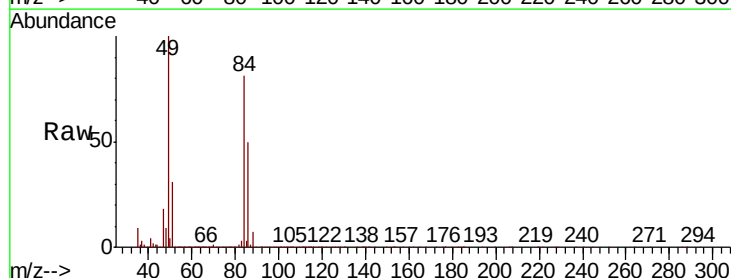
Tot Ion: 73 Resp: 448727
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

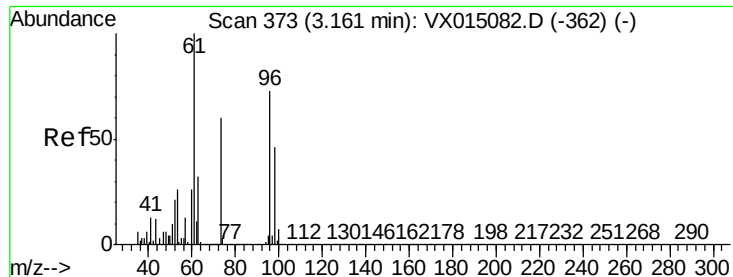


#20

Methylene Chloride
 Concen: 44.400 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion: 84 Resp: 152582
 Ion Ratio Lower Upper
 84 100
 49 123.0 99.4 149.2
 51 37.9 31.5 47.3
 86 61.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.256 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

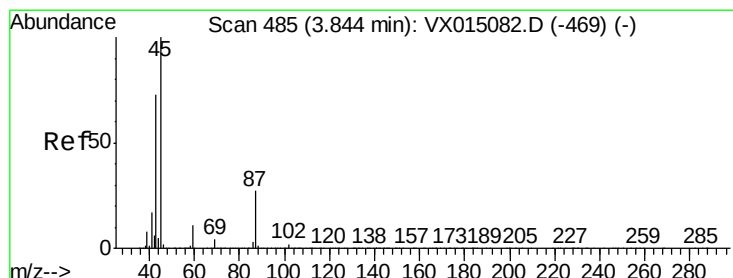
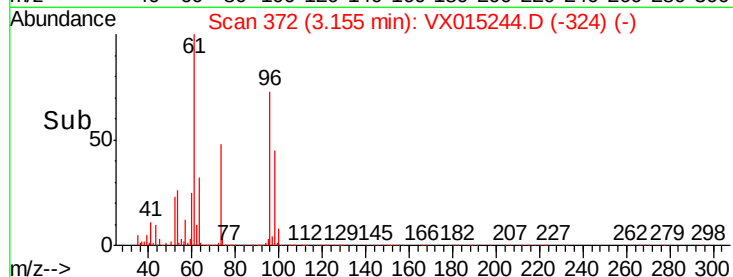
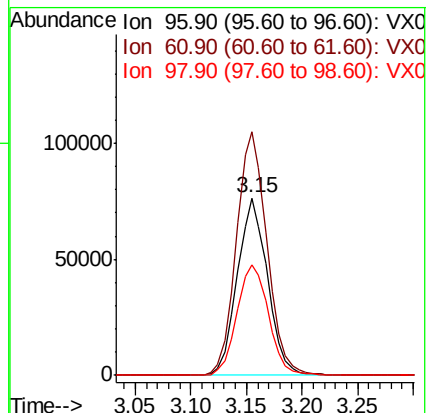
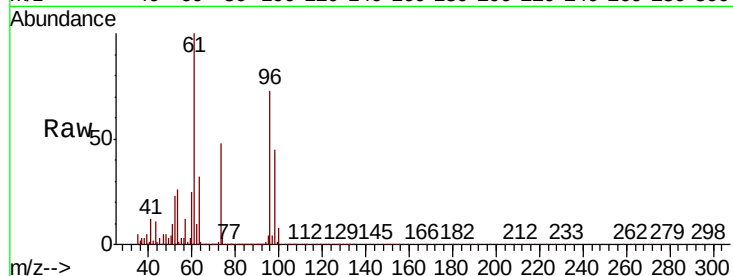
Tot Ion: 96 Resp: 143523

Ion Ratio Lower Upper

96 100

61 137.0 109.9 164.9

98 62.0 50.2 75.2



#22

Diisopropyl ether

Concen: 50.177 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion: 45 Resp: 517712

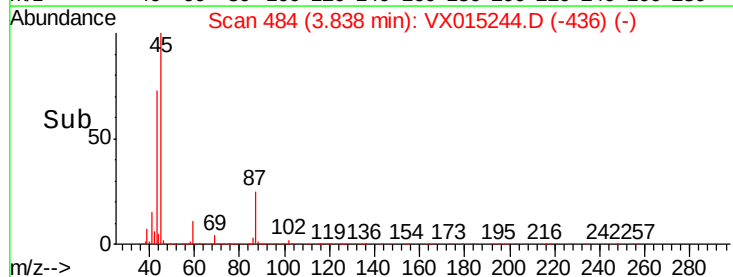
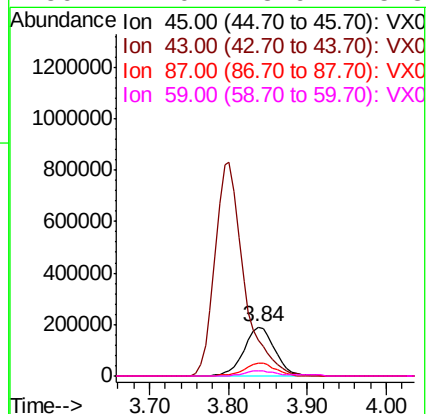
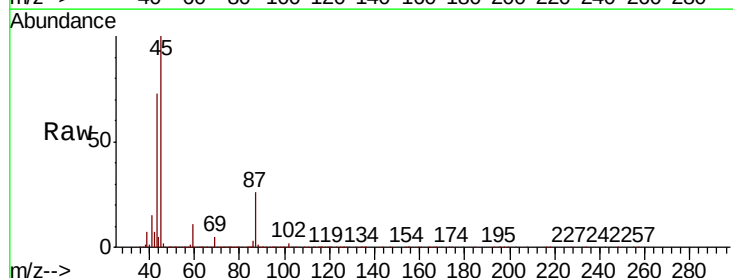
Ion Ratio Lower Upper

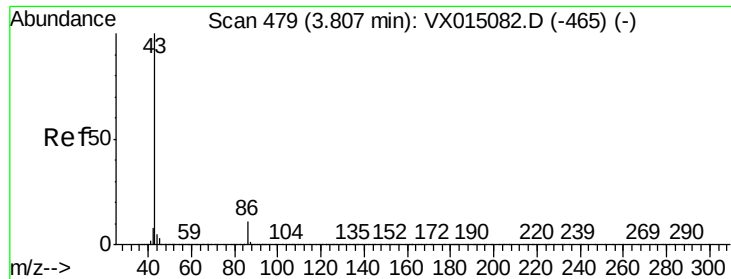
45 100

43 72.5 58.2 87.2

87 25.5 21.2 31.8

59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 250.384 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

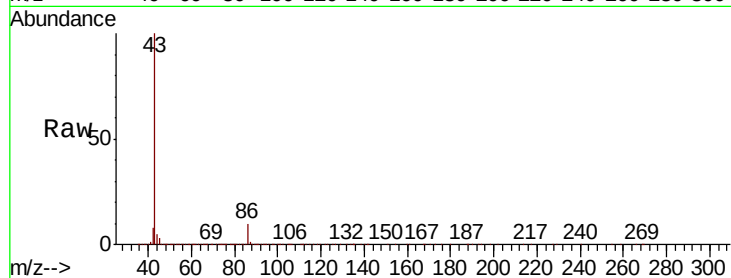
VSTDCCC050

Tot Ion: 43 Resp: 2123589

Ion Ratio Lower Upper

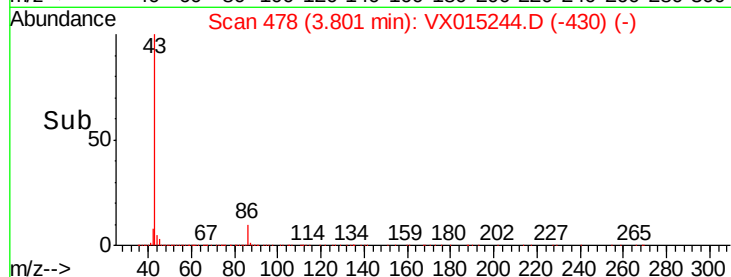
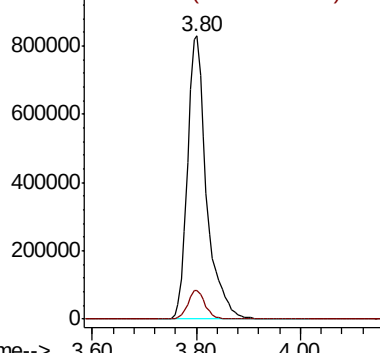
43 100

86 10.2 8.6 12.8

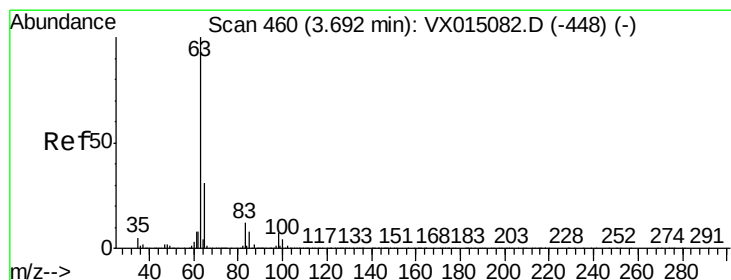


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 46.268 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

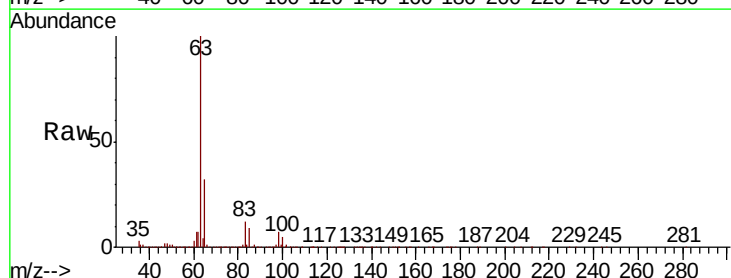
Tgt Ion: 63 Resp: 264953

Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

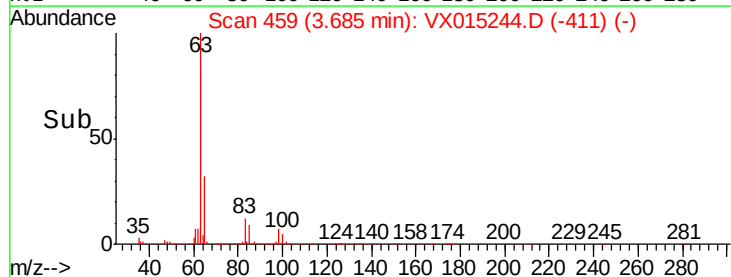
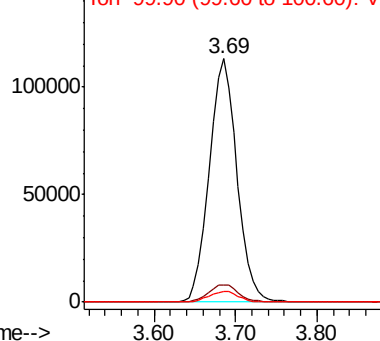
100 4.4 2.1 6.5



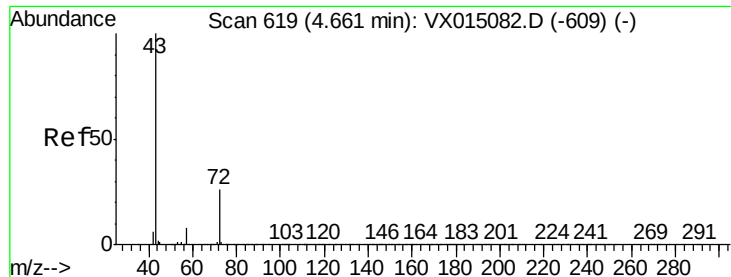
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 260.068 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

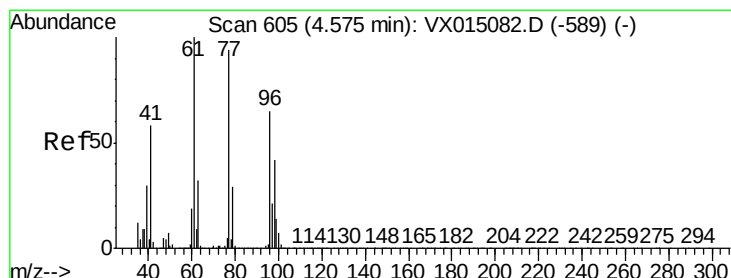
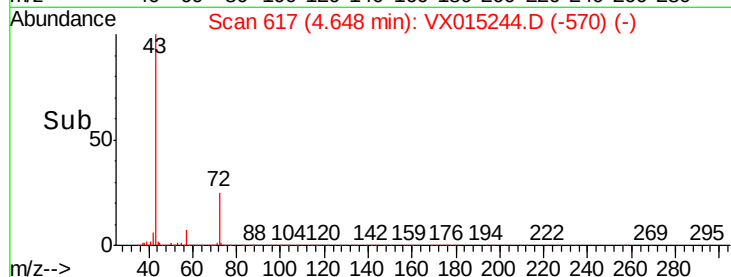
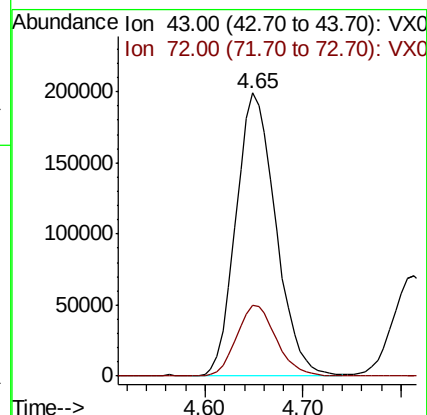
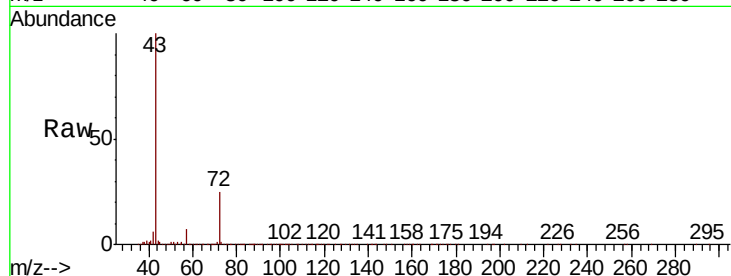
VSTDCCC050

Tot Ion: 43 Resp: 559091

Ion Ratio Lower Upper

43 100

72 24.7 20.6 30.8



#26

2,2-Dichloropropane

Concen: 46.981 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015244.D

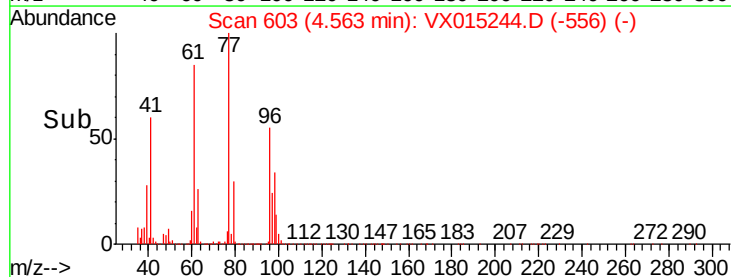
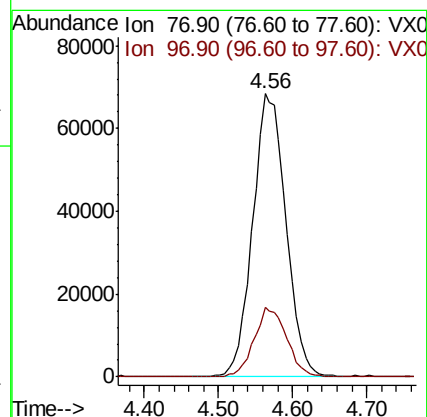
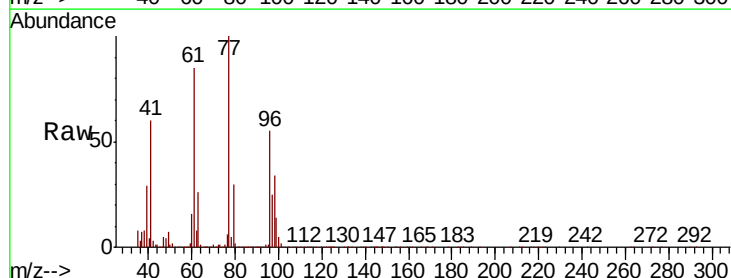
Acq: 13 Mar 2020 08:53

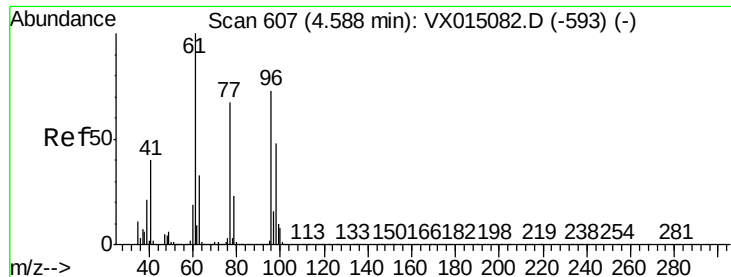
Tgt Ion: 77 Resp: 213574

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.4



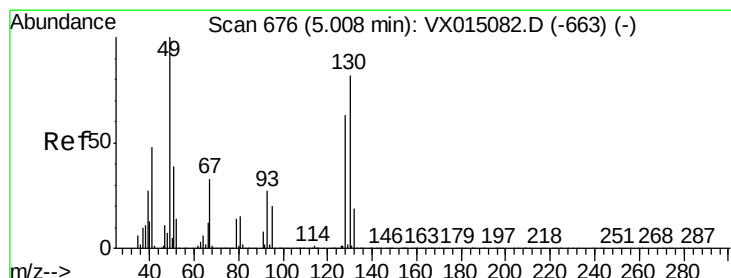
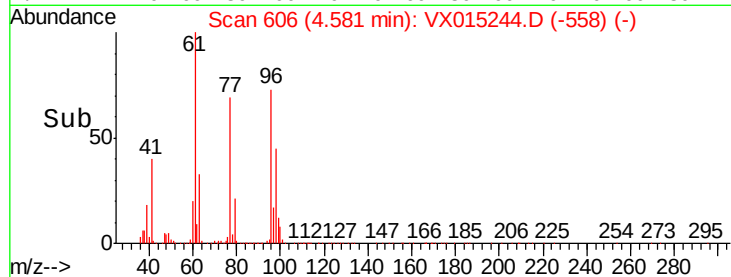
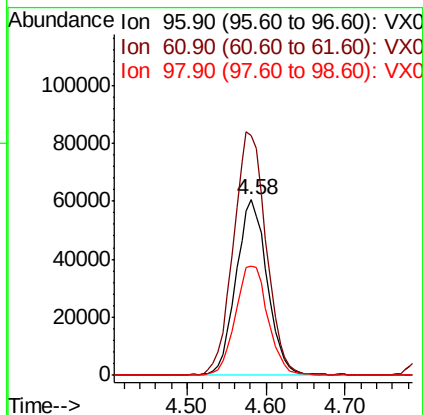
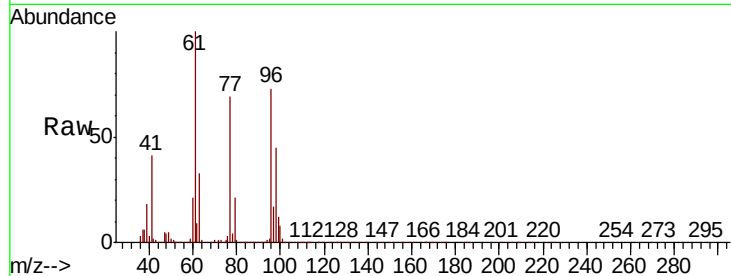


#27

cis-1,2-Dichloroethene
Concen: 46.682 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

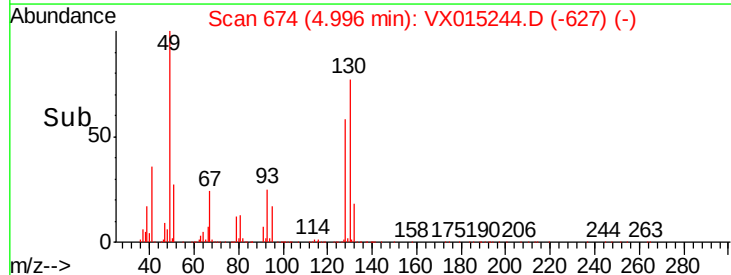
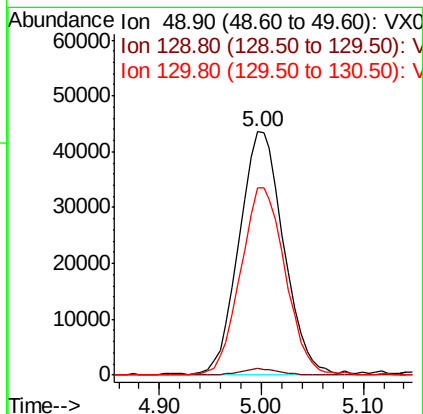
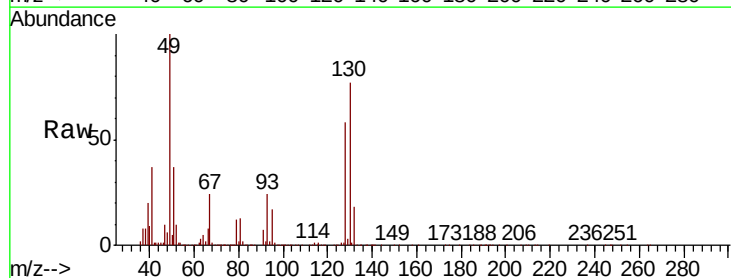
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	286.8
98	65.2	0.0	128.4

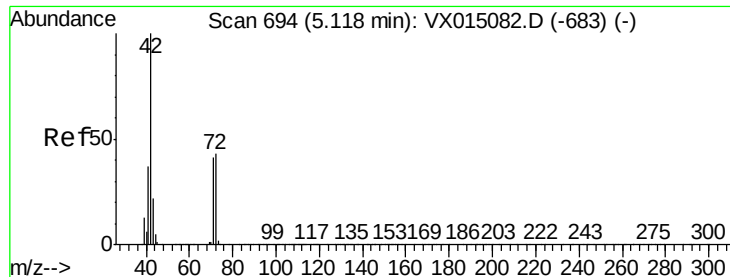


#28

Bromochloromethane
Concen: 50.327 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	78.0	65.0	97.6





#29

Tetrahydrofuran

Concen: 240.757 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

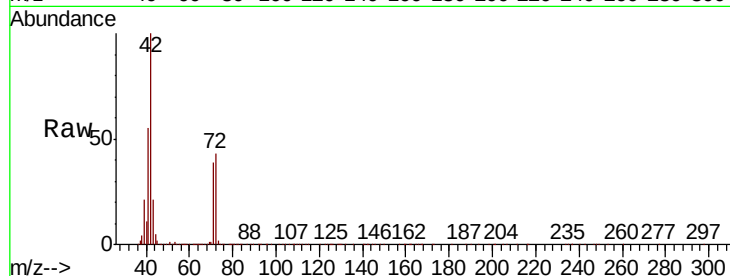
Tot Ion: 42 Resp: 333636

Ion Ratio Lower Upper

42 100

72 43.4 36.4 54.6

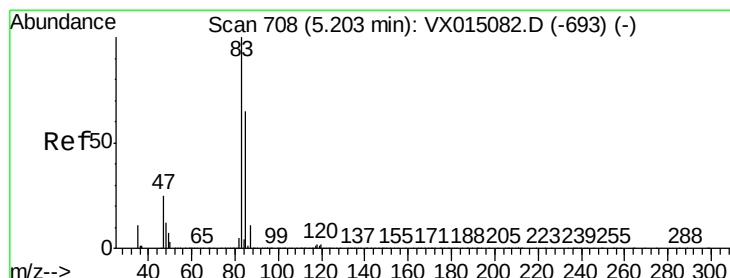
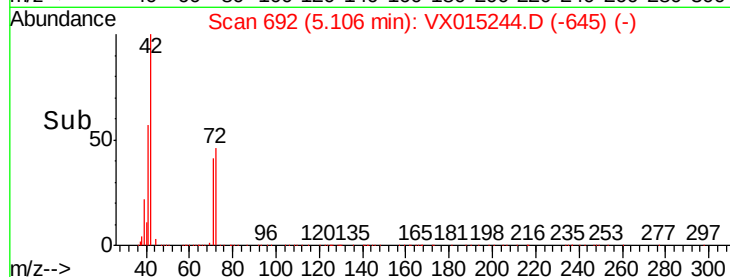
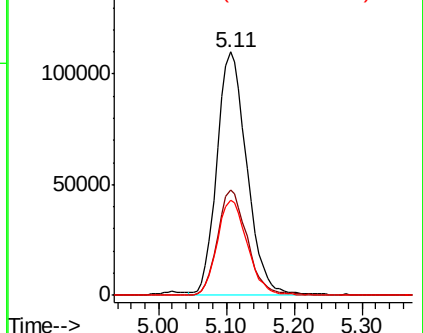
71 39.8 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.291 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015244.D

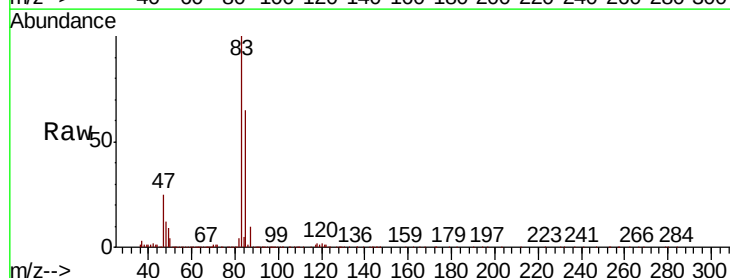
Acq: 13 Mar 2020 08:53

Tgt Ion: 83 Resp: 258369

Ion Ratio Lower Upper

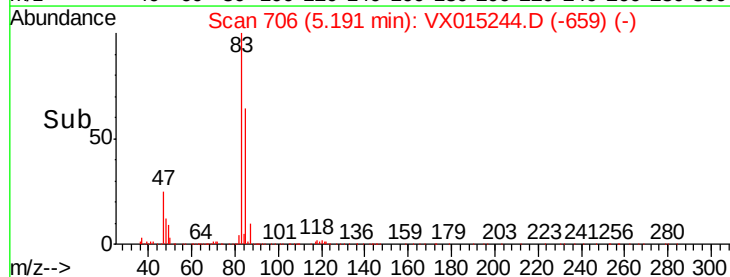
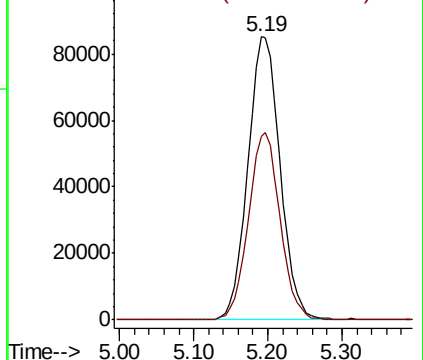
83 100

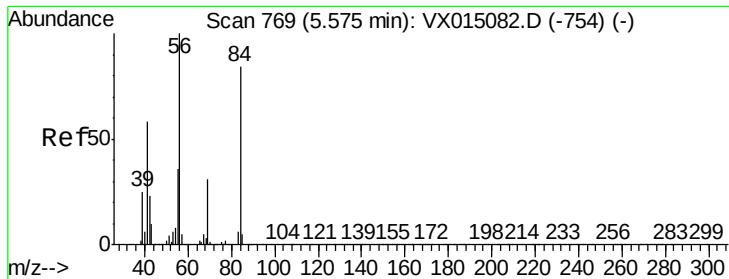
85 64.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

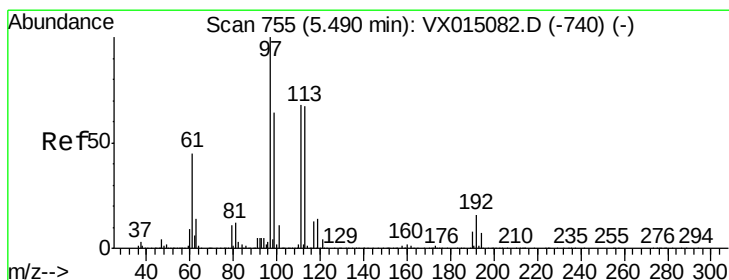
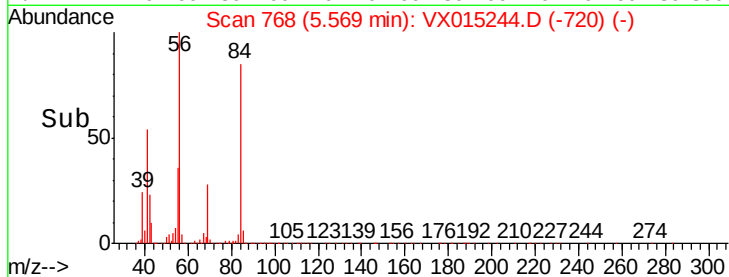
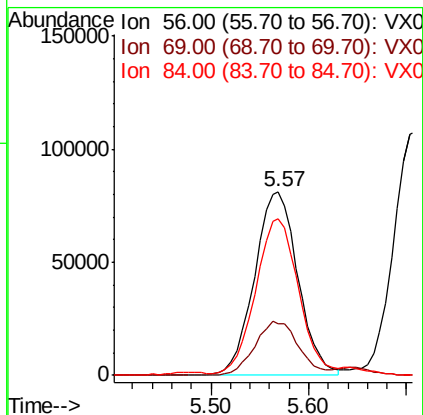
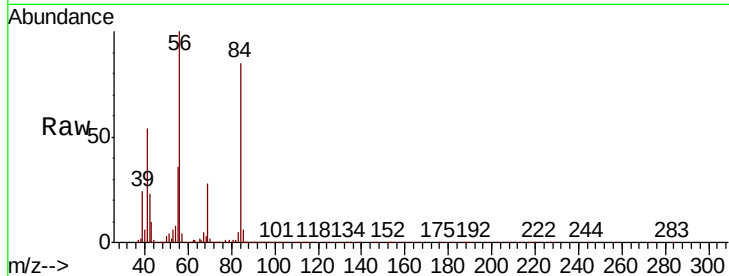




#31
Cyclohexane
Concen: 48.693 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

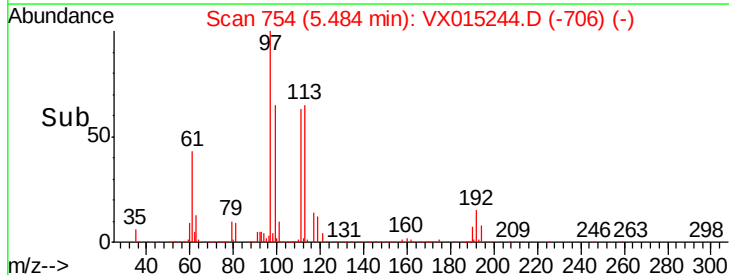
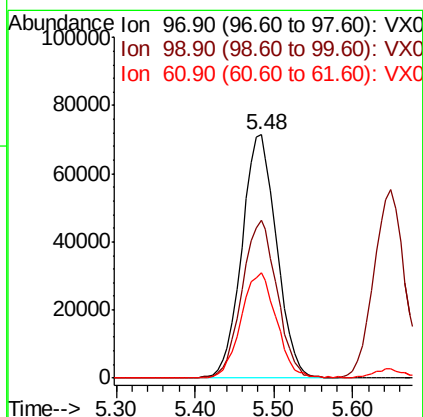
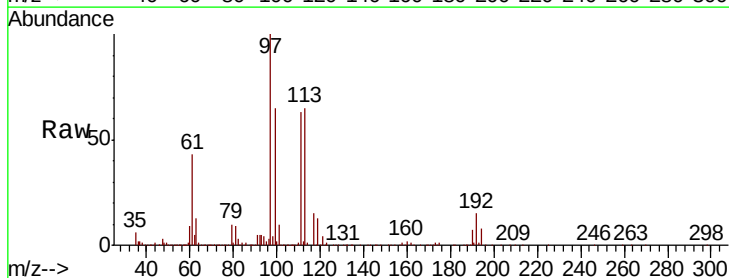
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

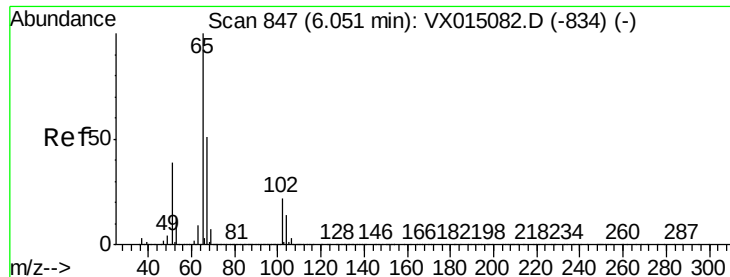
Tot Ion: 56 Resp: 248716
Ion Ratio Lower Upper
56 100
69 28.3 25.0 37.6
84 83.7 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 47.399 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion: 97 Resp: 219297
Ion Ratio Lower Upper
97 100
99 65.1 52.8 79.2
61 44.5 36.6 54.8

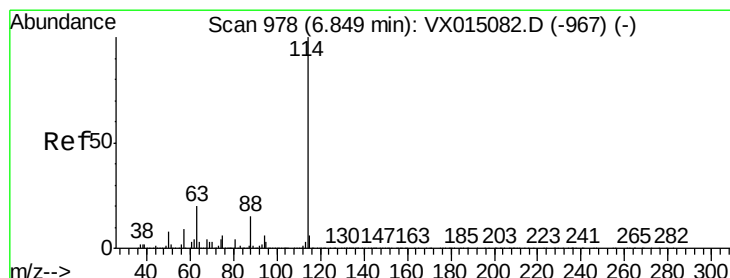
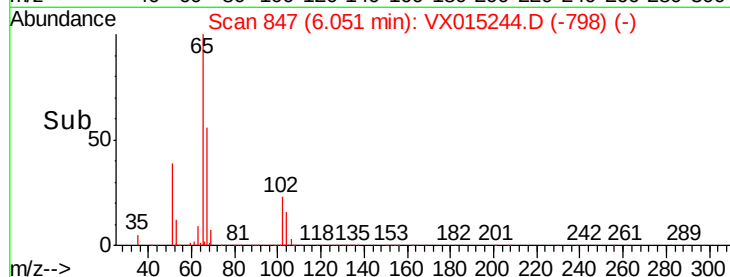
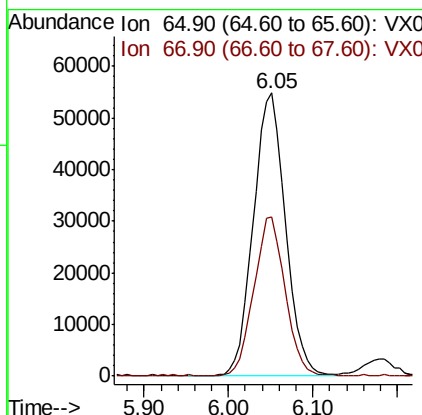
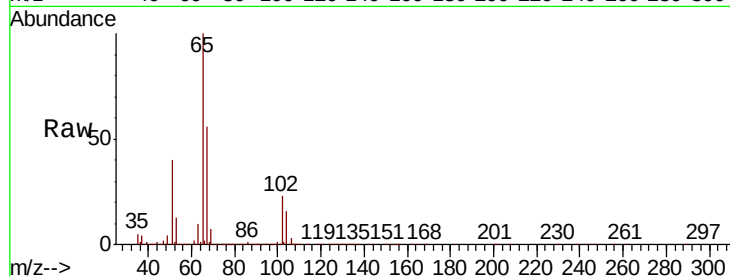




#33
 1,2-Dichloroethane-d4
 Concen: 39.370 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

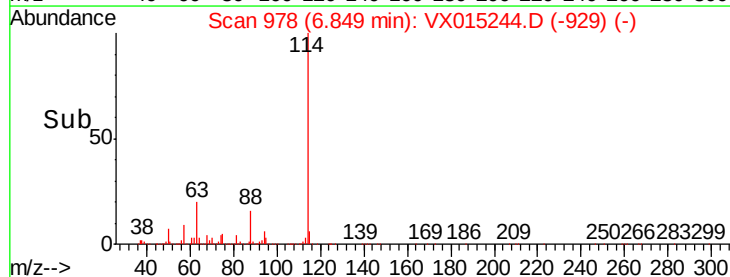
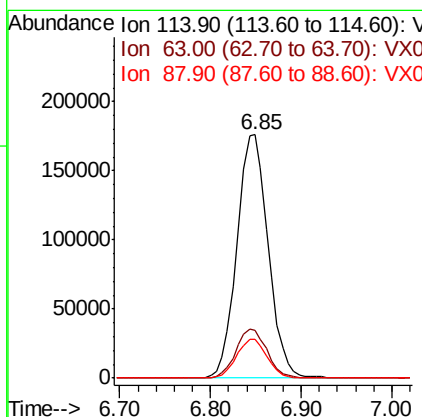
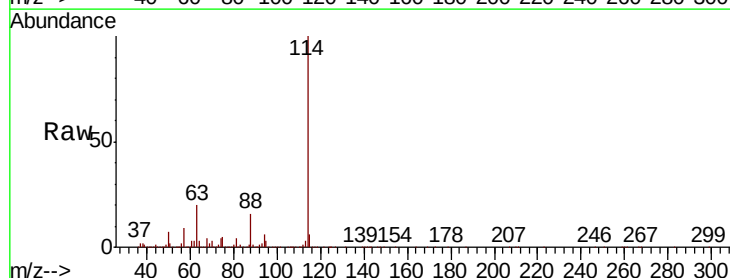
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

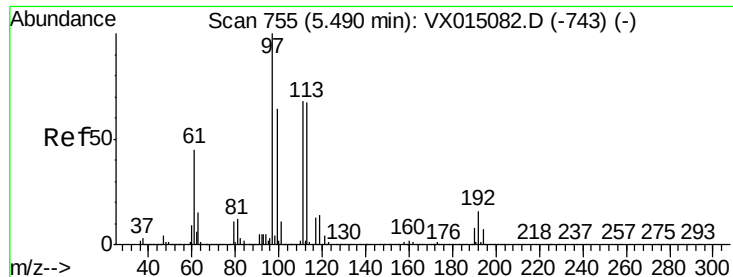
Tot Ion: 65 Resp: 142753
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion: 114 Resp: 419975
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 16.1 0.0 30.6

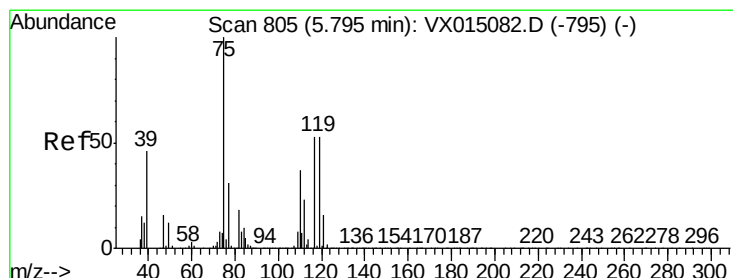
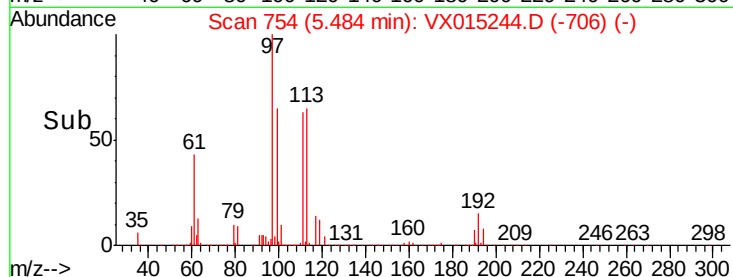
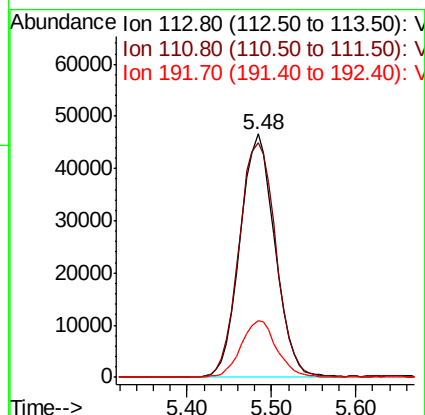
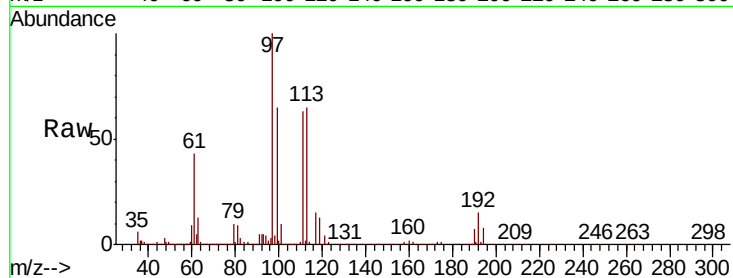




#35
 Dibromofluoromethane
 Concen: 49.423 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

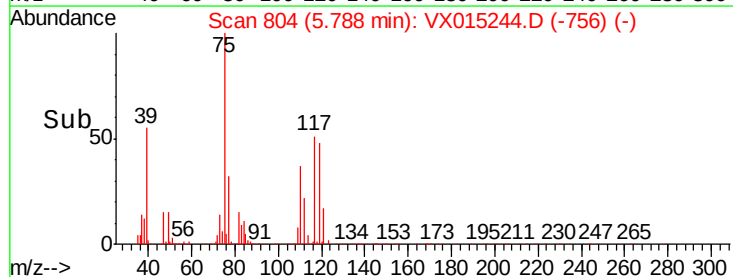
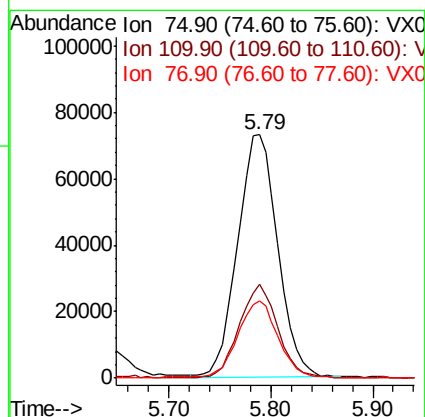
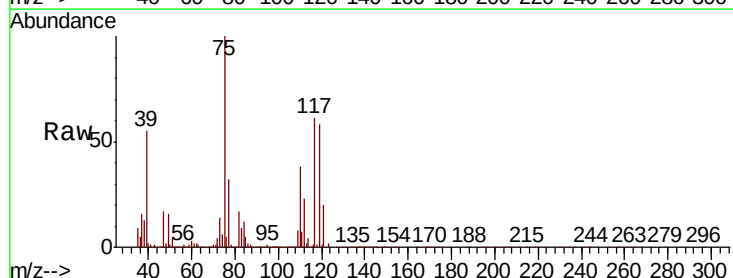
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

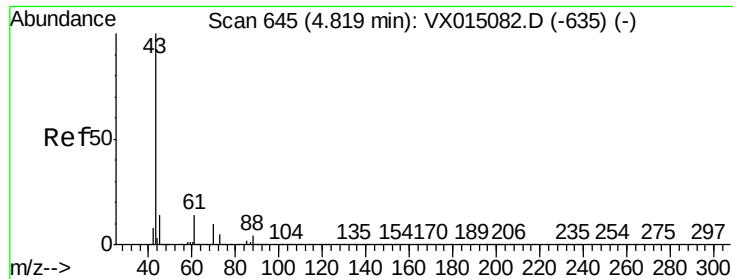
Tot Ion:113 Resp: 130946
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 23.8 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 51.187 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion: 75 Resp: 198731
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.9 53.8
 77 31.2 24.8 37.2

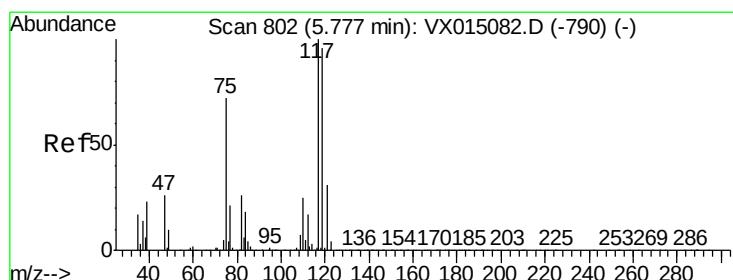
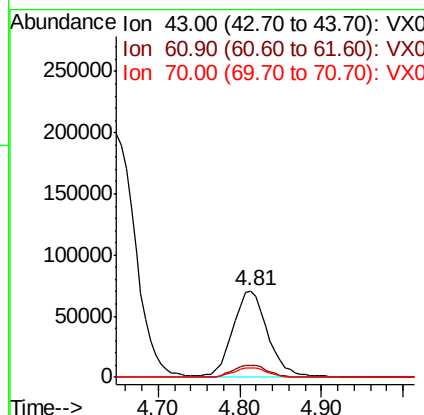
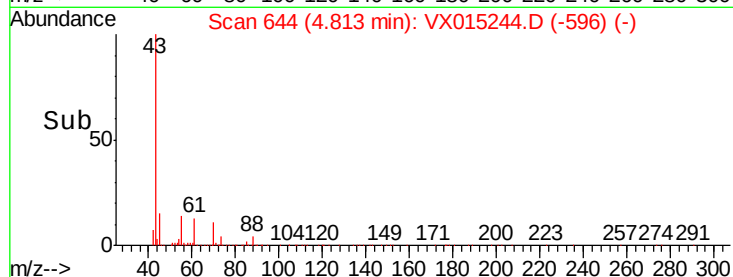
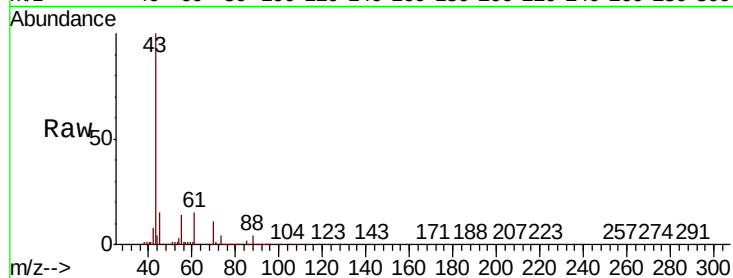




#37
Ethyl Acetate
Concen: 56.976 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

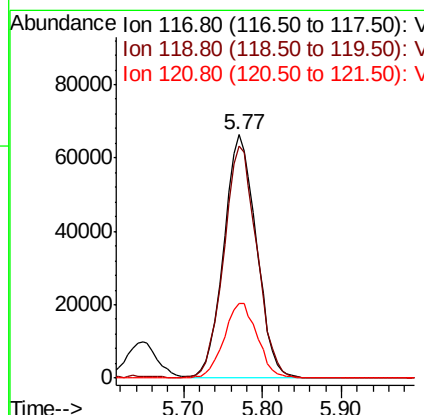
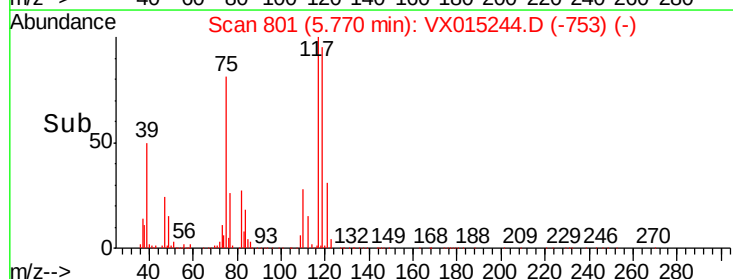
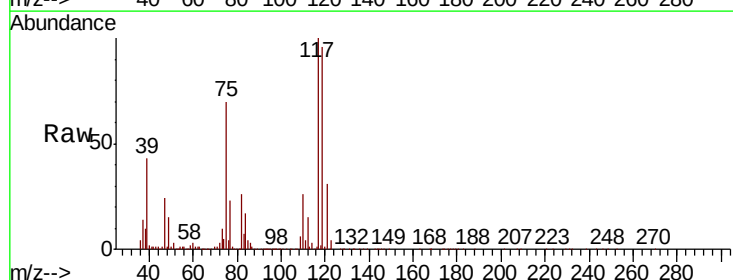
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

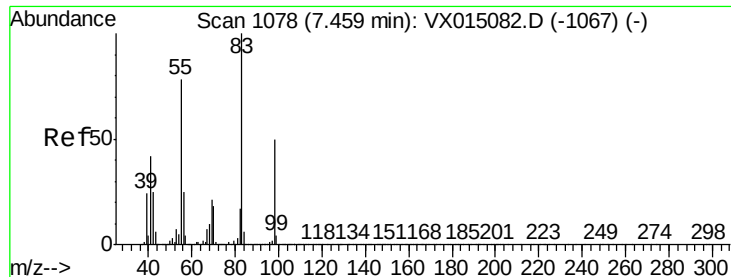
Tot Ion: 43 Resp: 205194
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.4
70 10.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.741 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion: 117 Resp: 189620
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
121 30.8 24.6 37.0

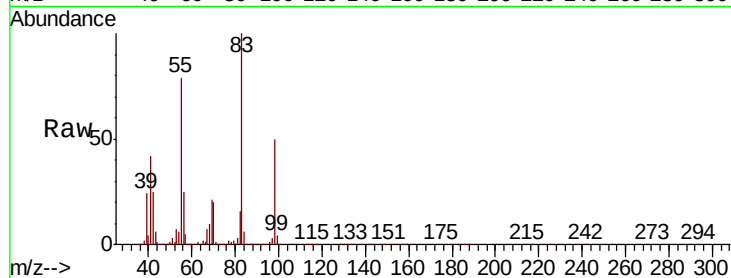




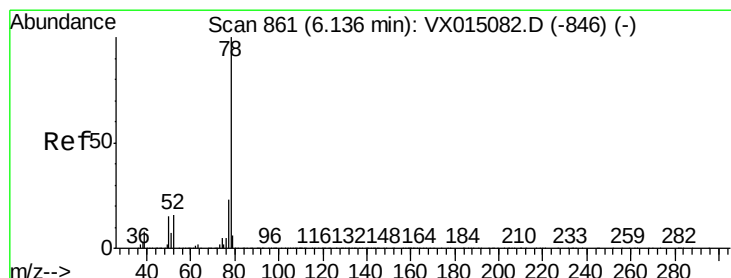
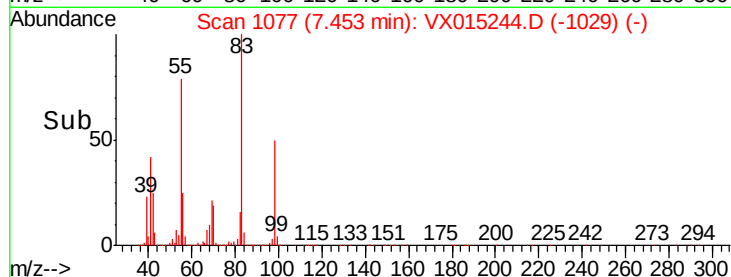
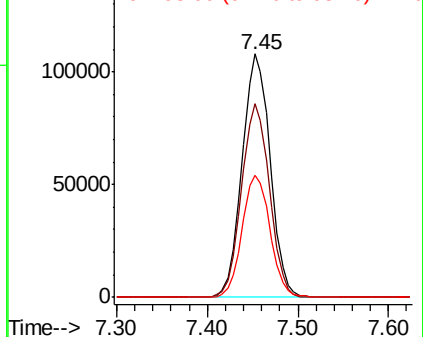
#39
Methylvlcyclohexane
Concen: 51.205 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.4	93.6
98	50.3	39.7	59.5

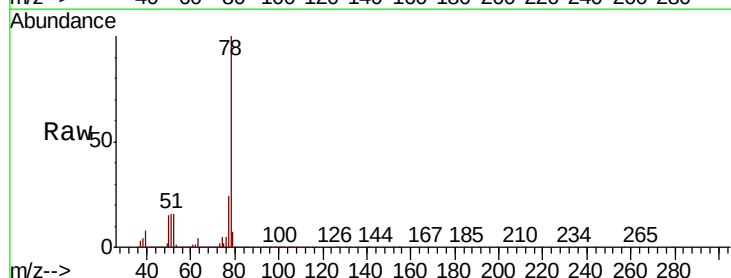


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

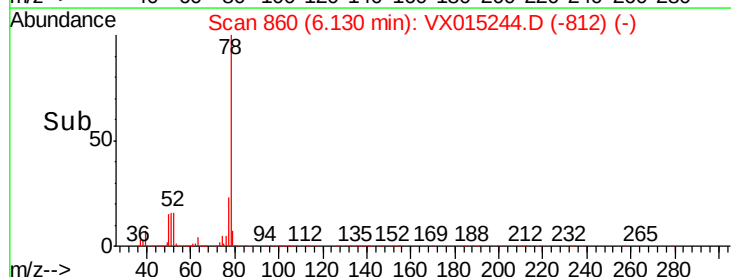
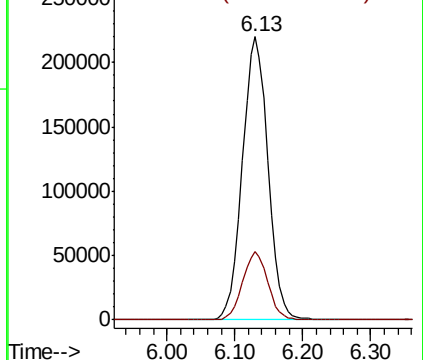


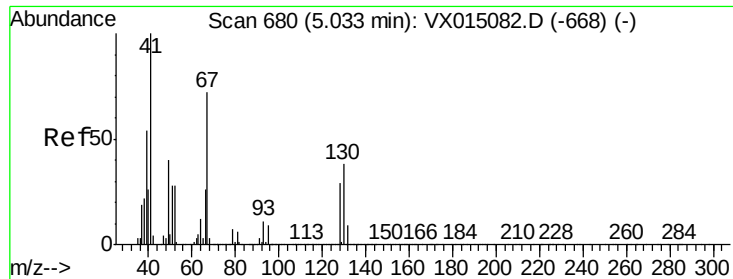
#40
Benzene
Concen: 49.814 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

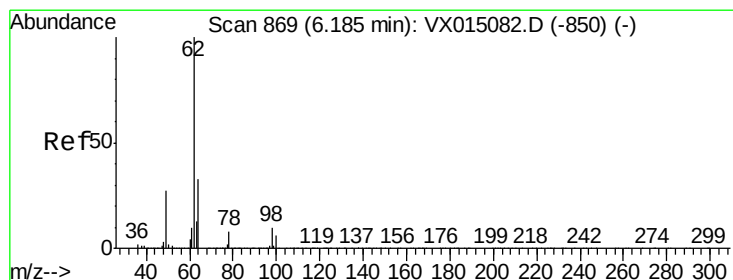
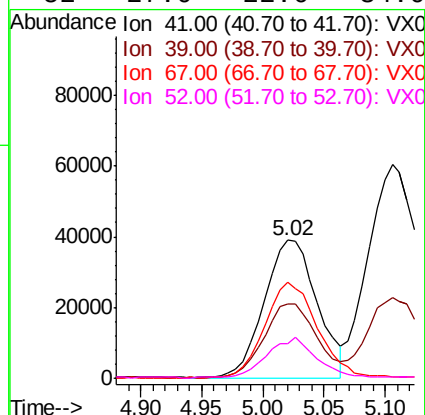
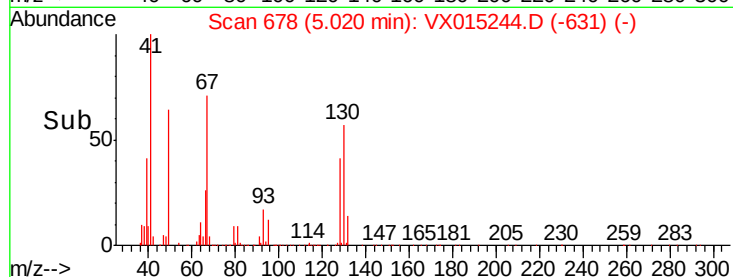
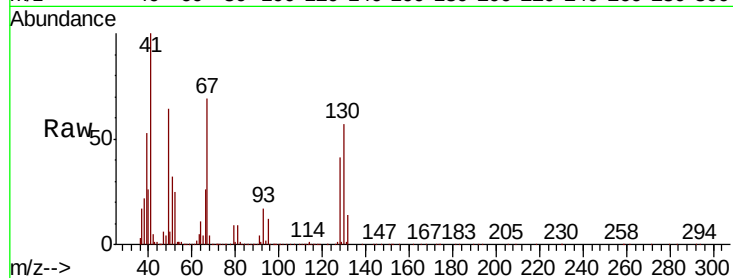




#41
Methacrylonitrile
Concen: 53.971 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

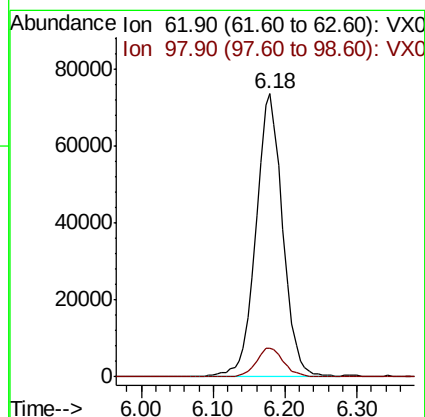
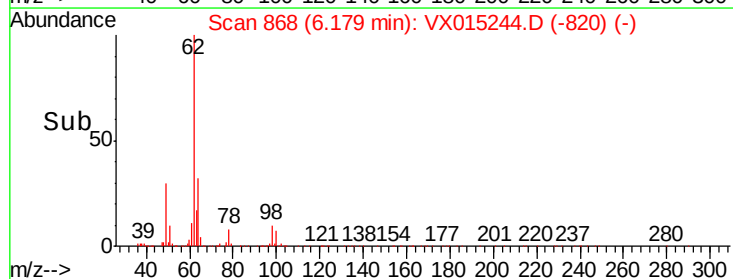
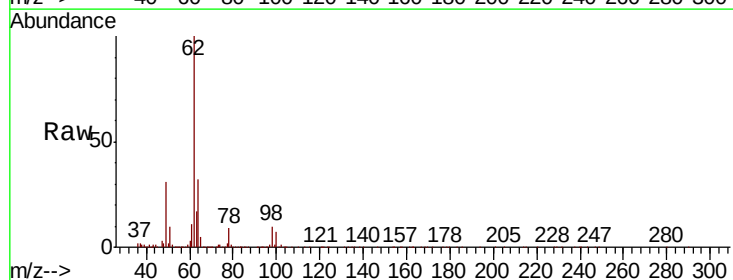
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

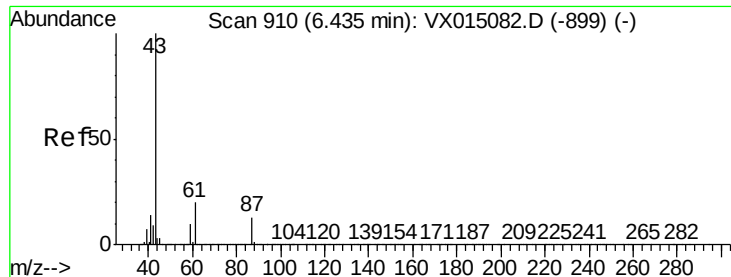
Tot Ion:	41	Resp:	116751
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.9	65.9
67	70.1	57.8	86.8
52	27.0	22.6	34.0



#42
1,2-Dichloroethane
Concen: 47.959 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:	62	Resp:	189711
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 51.328 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

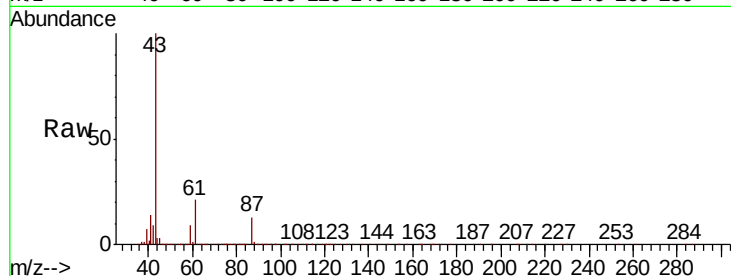
Tot Ion: 43 Resp: 325196

Ion Ratio Lower Upper

43 100

61 20.4 16.1 24.1

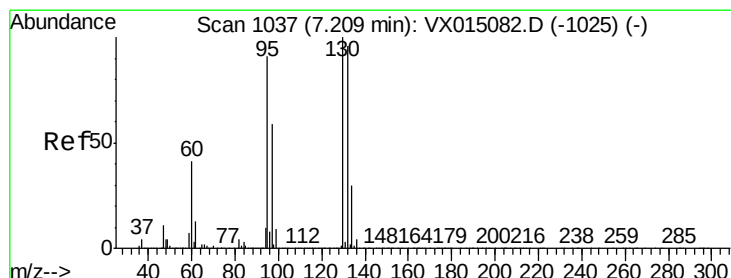
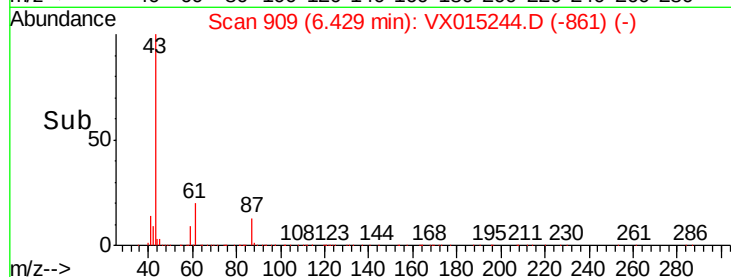
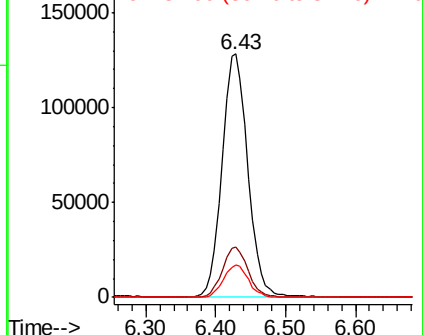
87 13.3 10.6 16.0



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: 49.730 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015244.D

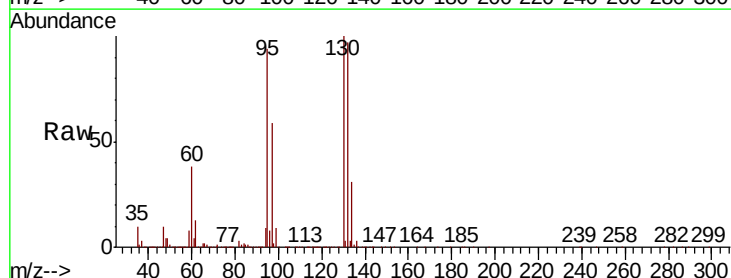
Acq: 13 Mar 2020 08:53

Tgt Ion: 130 Resp: 159530

Ion Ratio Lower Upper

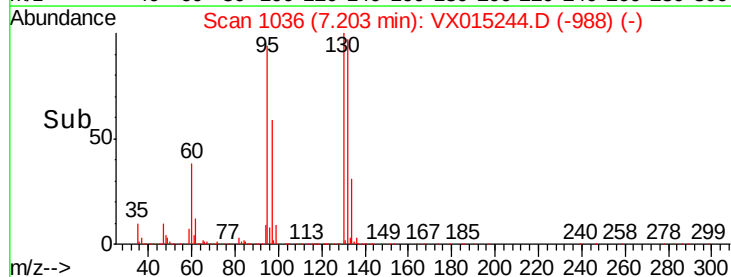
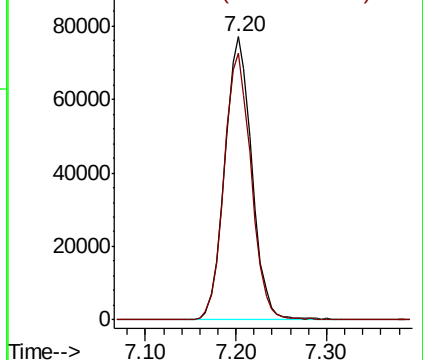
130 100

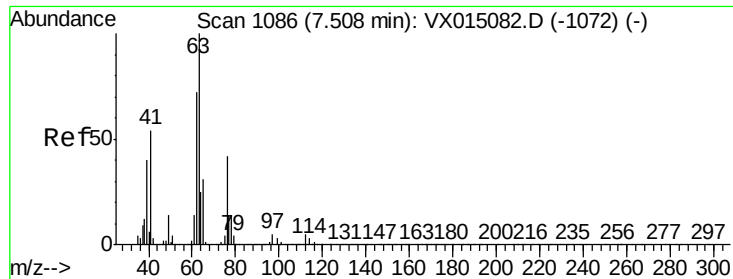
95 94.2 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.218 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

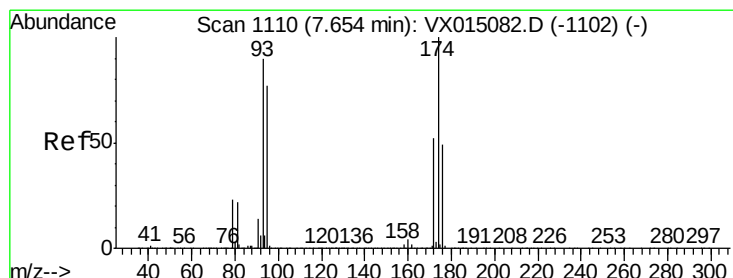
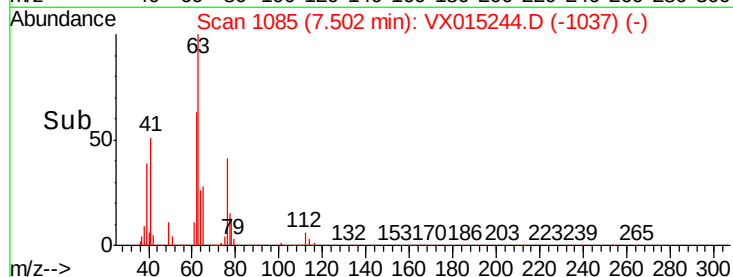
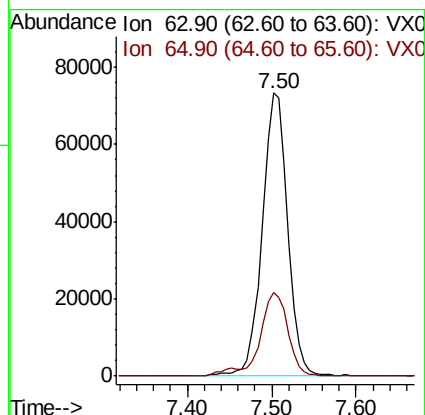
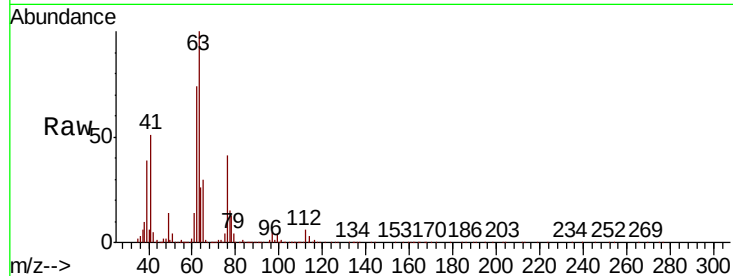
VSTDCCC050

Tot Ion: 63 Resp: 152708

Ion Ratio Lower Upper

63 100

65 29.4 24.6 36.8



#46

Dibromomethane

Concen: 48.250 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

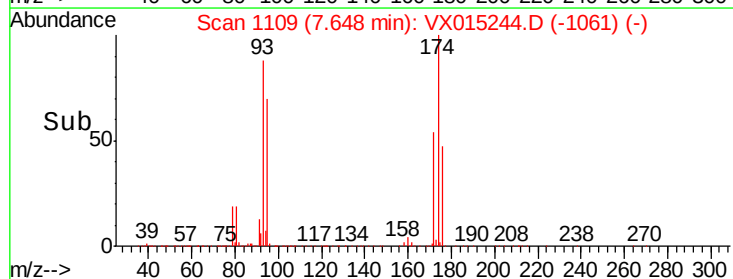
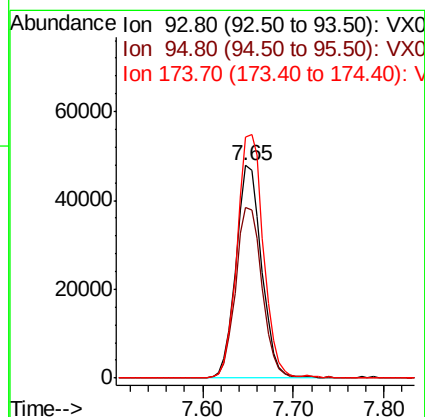
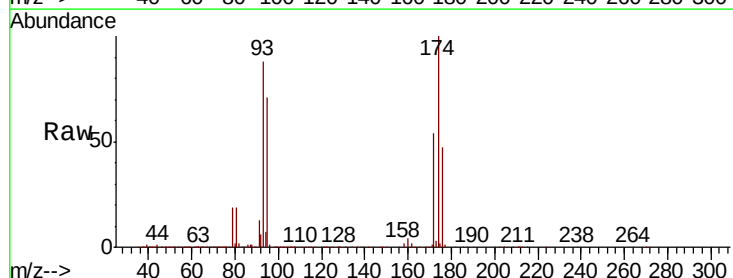
Tgt Ion: 93 Resp: 93737

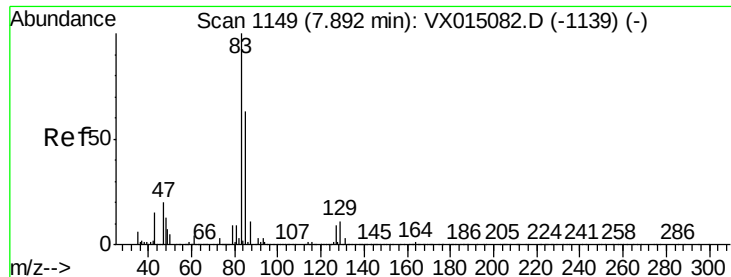
Ion Ratio Lower Upper

93 100

95 82.4 67.8 101.8

174 117.8 91.0 136.4





#47

Bromodichloromethane

Concen: 49.471 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

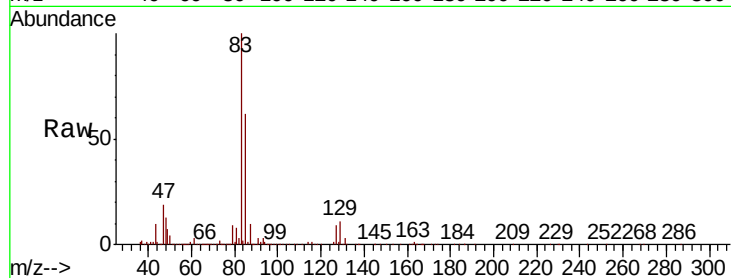
Tot Ion: 83 Resp: 190057

Ion Ratio Lower Upper

83 100

85 62.3 50.6 75.8

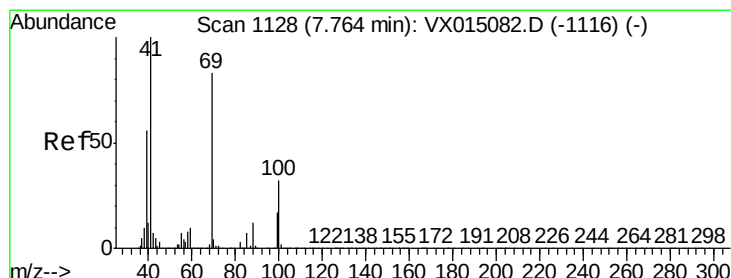
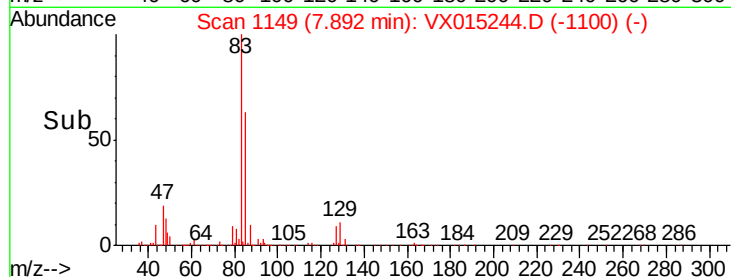
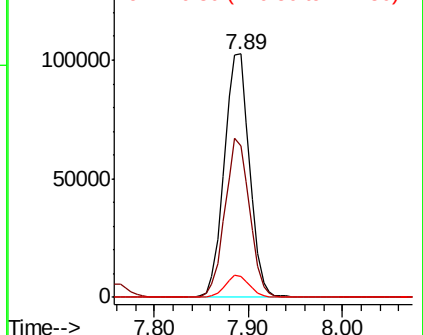
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.319 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

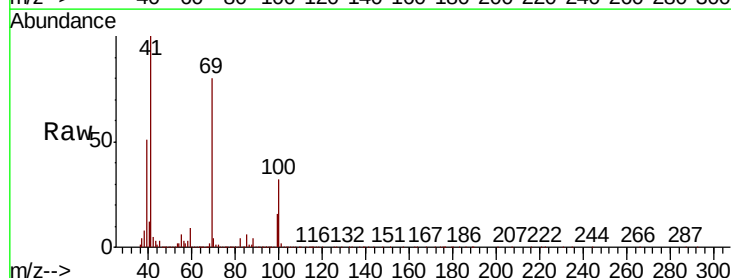
Tgt Ion: 41 Resp: 162258

Ion Ratio Lower Upper

41 100

69 80.4 65.4 98.2

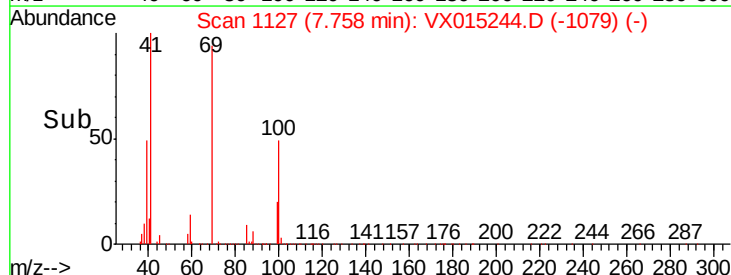
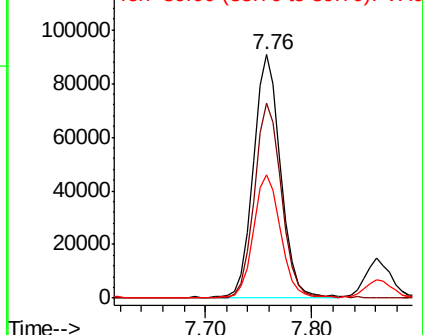
39 50.5 44.6 67.0

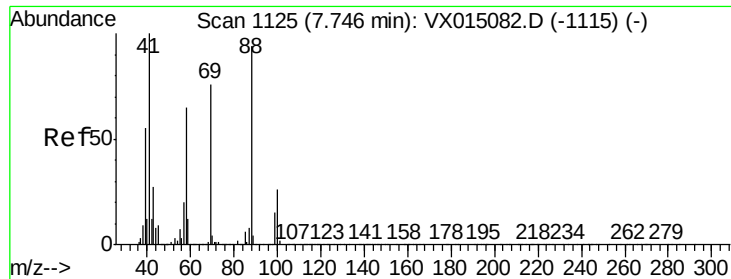


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

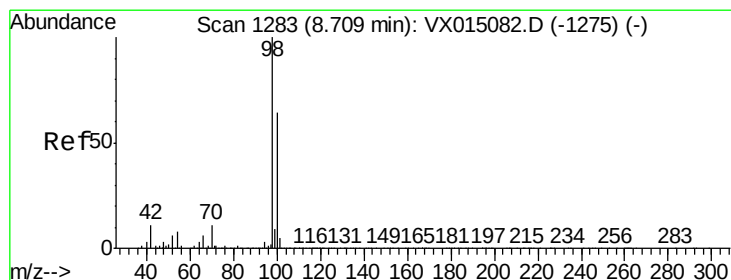
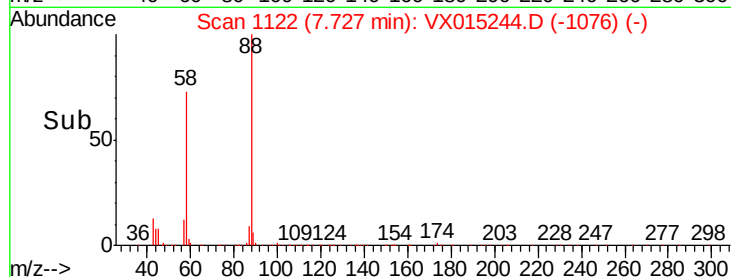
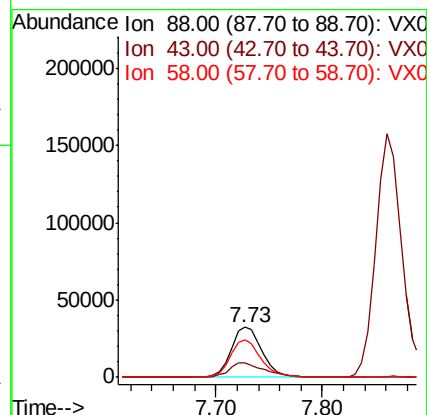
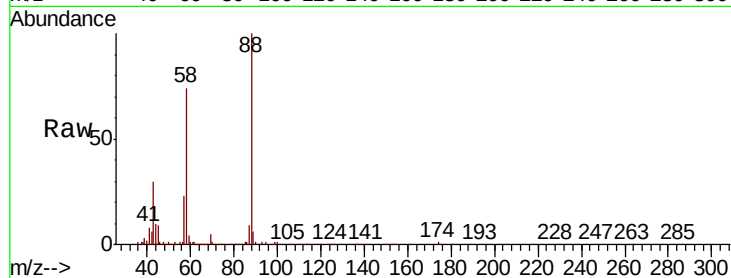




#49
1,4-Dioxane
Concen: 928.868 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

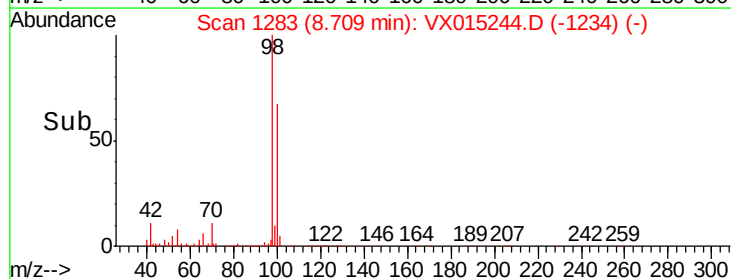
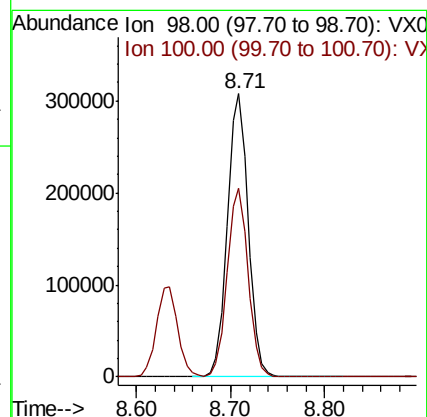
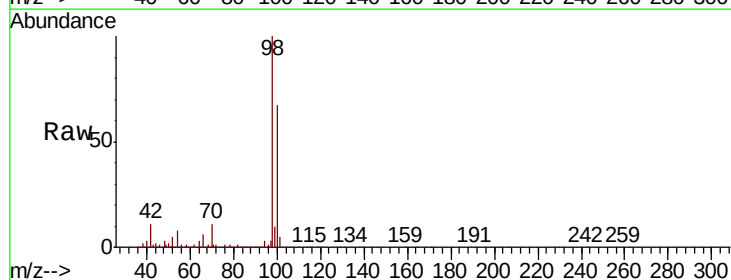
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

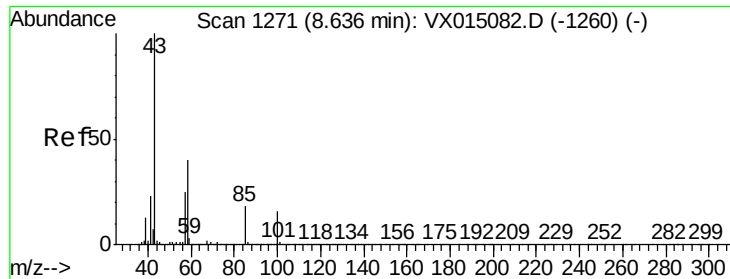
Tot Ion: 88 Resp: 64760
Ion Ratio Lower Upper
88 100
43 33.2 27.0 40.4
58 73.8 55.6 83.4



#50
Toluene-d8
Concen: 46.631 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion: 98 Resp: 469959
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 257.175 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

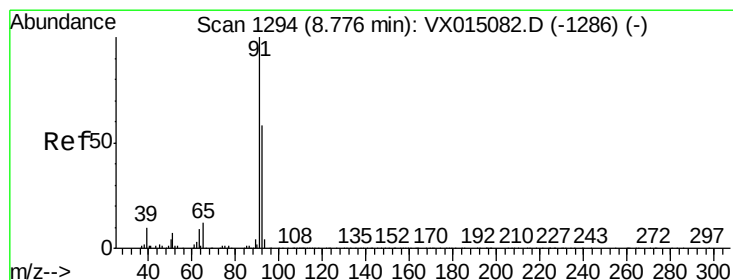
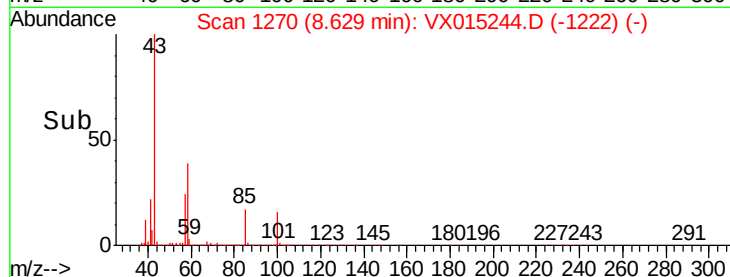
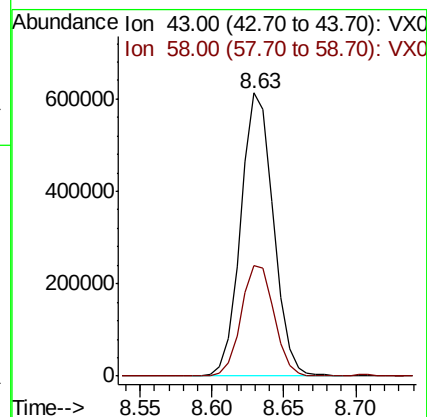
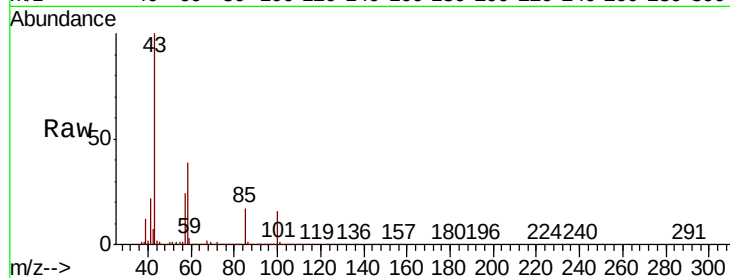
VSTDCCC050

Tot Ion: 43 Resp: 963370

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 51.058 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015244.D

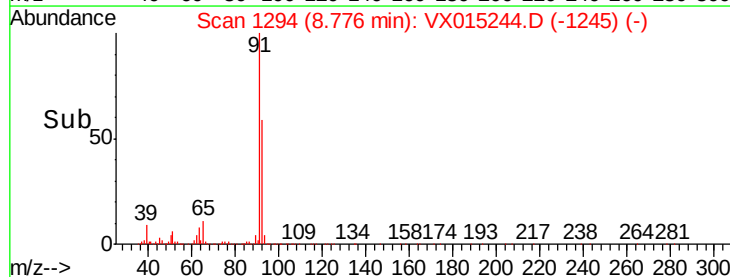
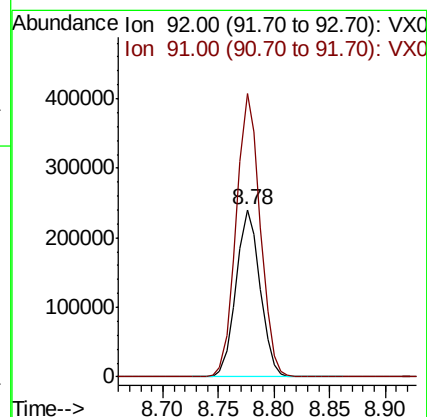
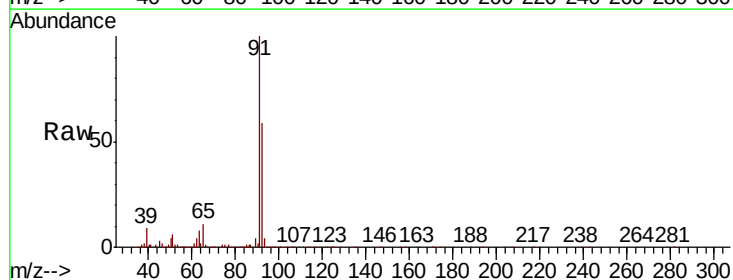
Acq: 13 Mar 2020 08:53

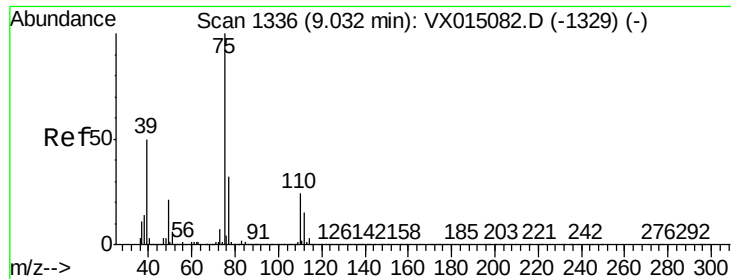
Tgt Ion: 92 Resp: 359601

Ion Ratio Lower Upper

92 100

91 169.5 136.9 205.3

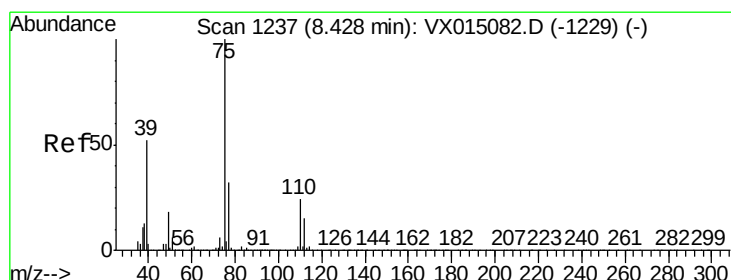
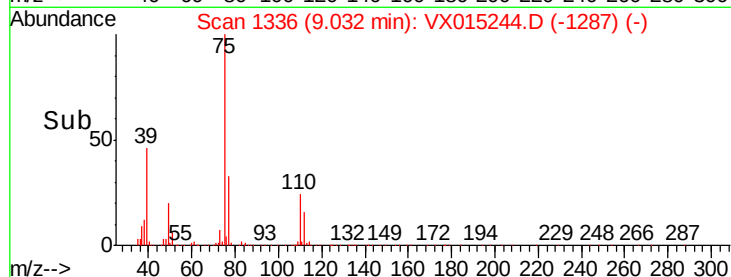
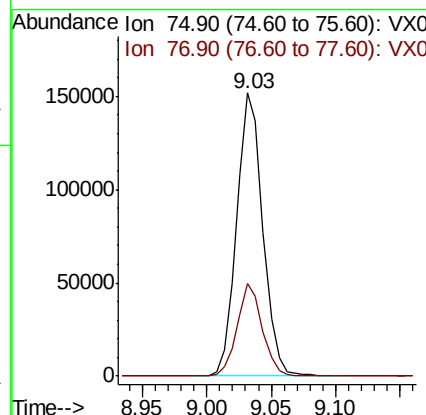
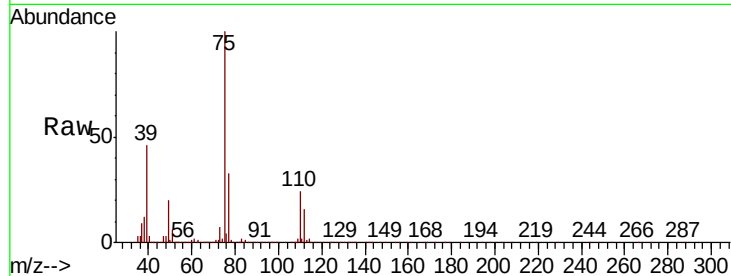




#53
t-1,3-Dichloropropene
Concen: 52.375 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

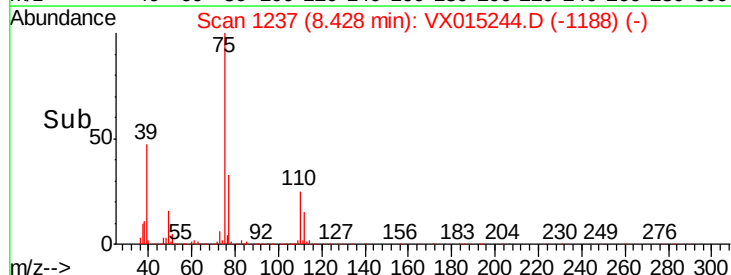
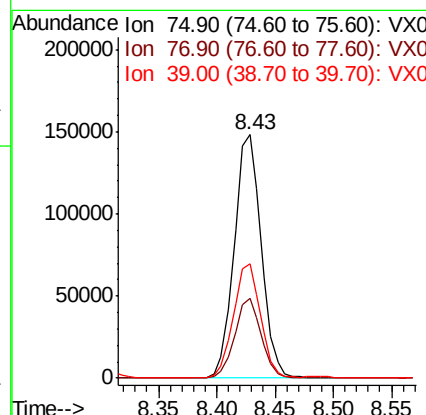
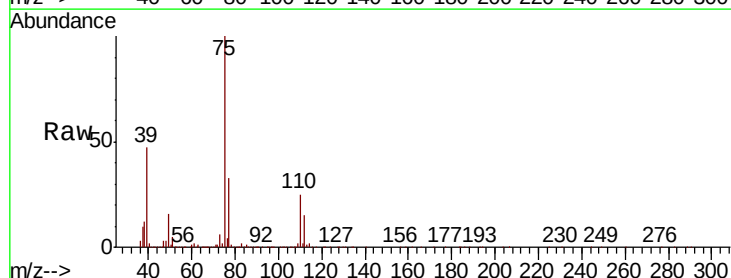
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

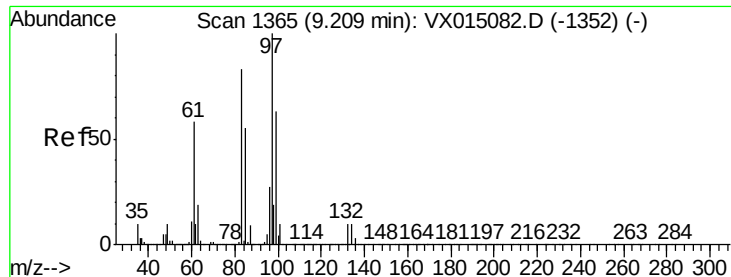
Tot Ion: 75 Resp: 214169
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.808 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion: 75 Resp: 239495
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6
39 47.1 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 49.575 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 143712

Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.4	99.6
85	52.6	43.5	65.3
99	60.5	50.7	76.1

Abundance

Ion 96.90 (96.60 to 97.60): VX0

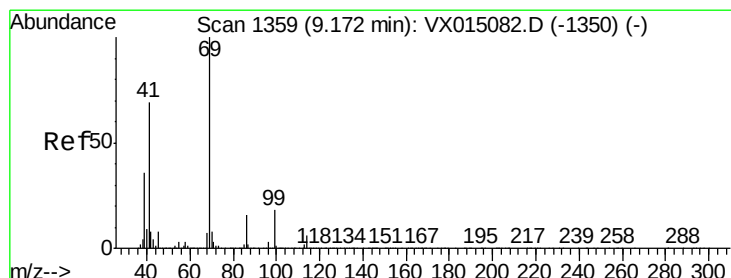
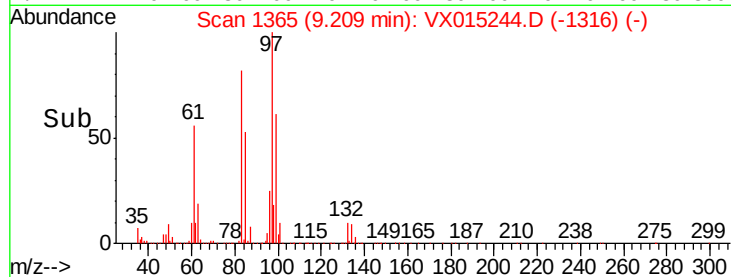
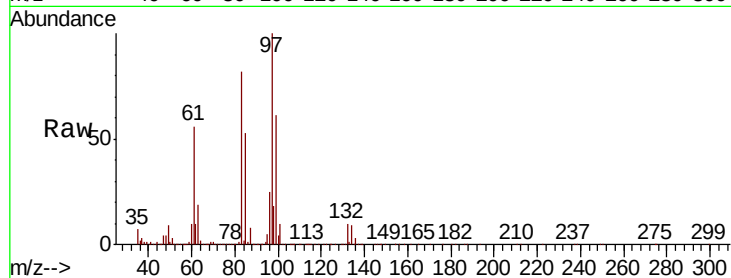
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.21

Time-->



#56

Ethyl methacrylate

Concen: 54.019 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion: 69 Resp: 223360

Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.8	83.8
39	33.0	29.4	44.2

Abundance

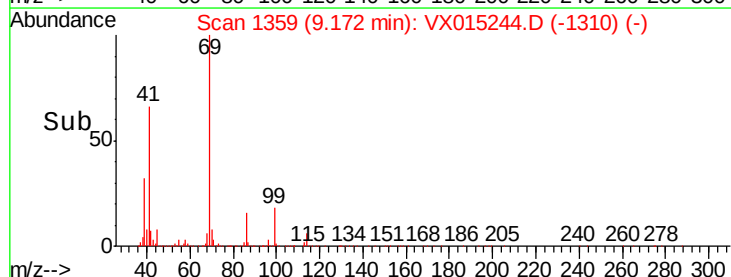
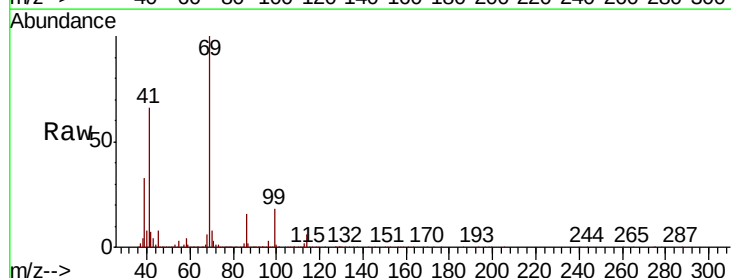
Ion 69.00 (68.70 to 69.70): VX0

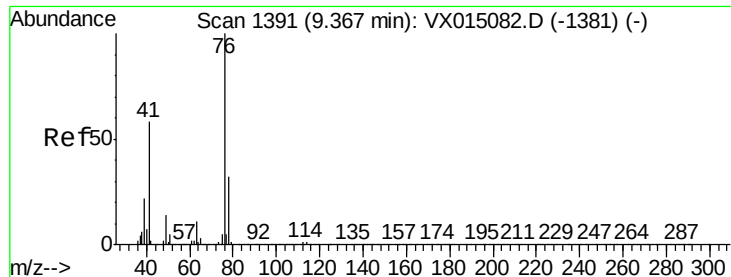
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.17

Time-->





#57

1,3-Dichloropropane

Concen: 49.929 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

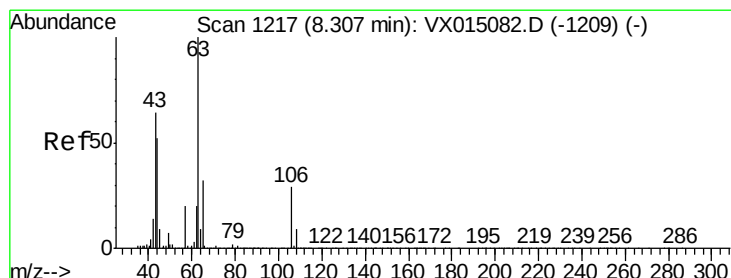
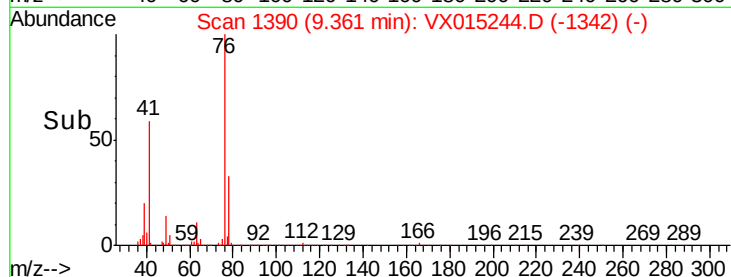
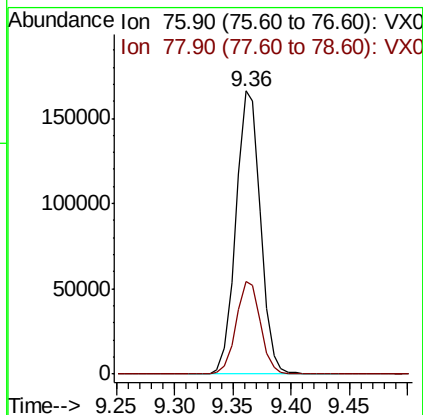
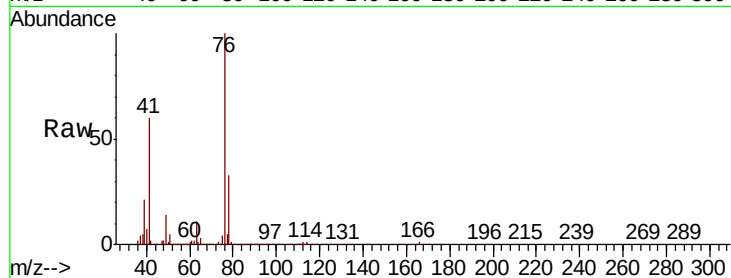
VSTDCCC050

Tot Ion: 76 Resp: 243502

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.614 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015244.D

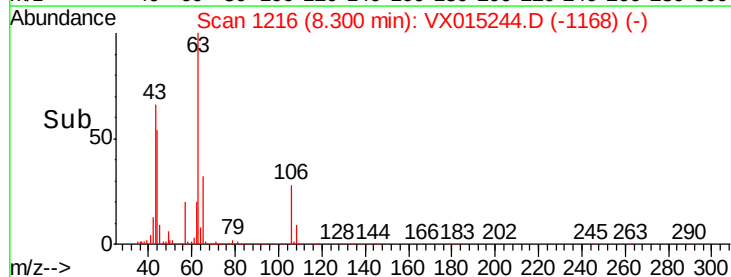
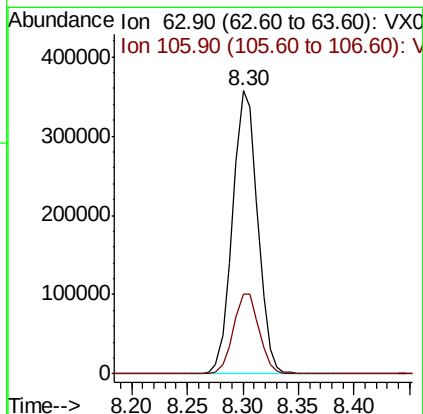
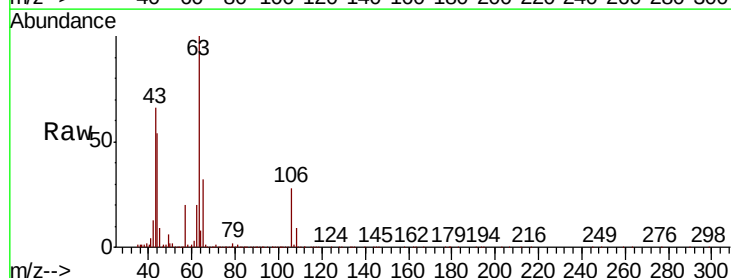
Acq: 13 Mar 2020 08:53

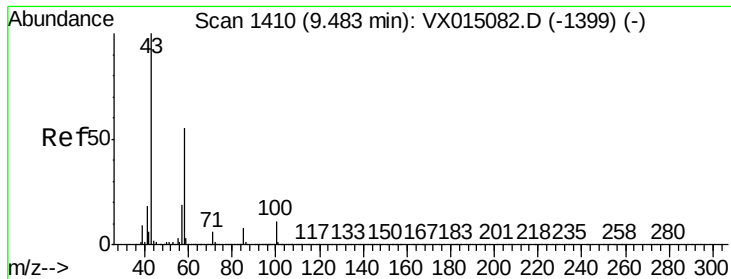
Tgt Ion: 63 Resp: 557771

Ion Ratio Lower Upper

63 100

106 29.1 22.8 34.2





#59

2-Hexanone

Concen: 270.423 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

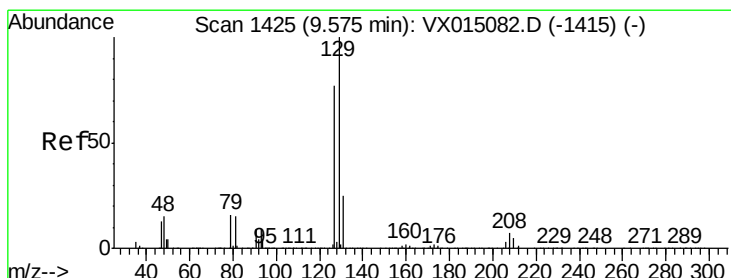
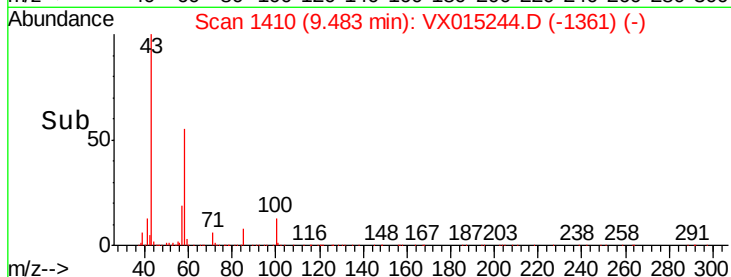
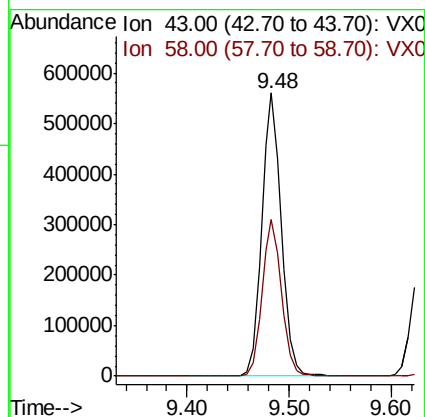
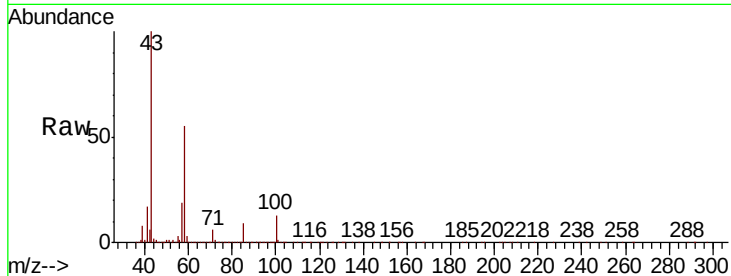
VSTDCCC050

Tot Ion: 43 Resp: 750817

Ion Ratio Lower Upper

43 100

58 55.1 27.3 81.8



#60

Dibromochloromethane

Concen: 51.178 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015244.D

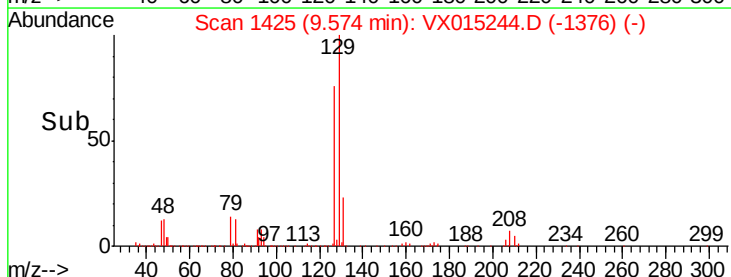
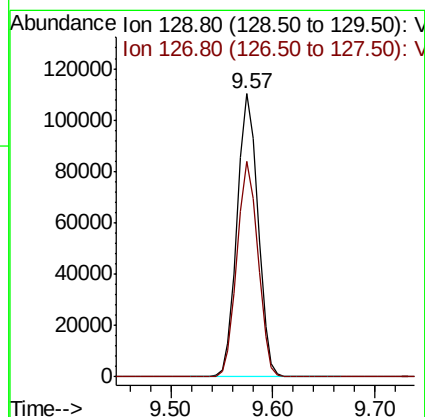
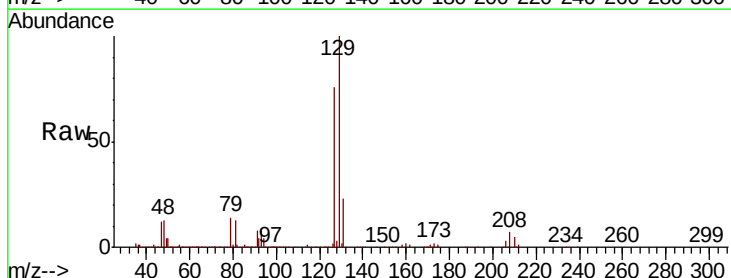
Acq: 13 Mar 2020 08:53

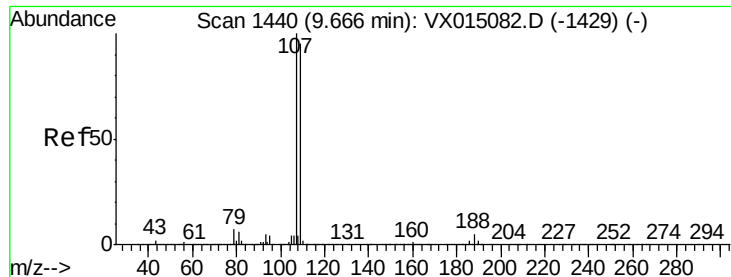
Tgt Ion: 129 Resp: 155844

Ion Ratio Lower Upper

129 100

127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.444 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

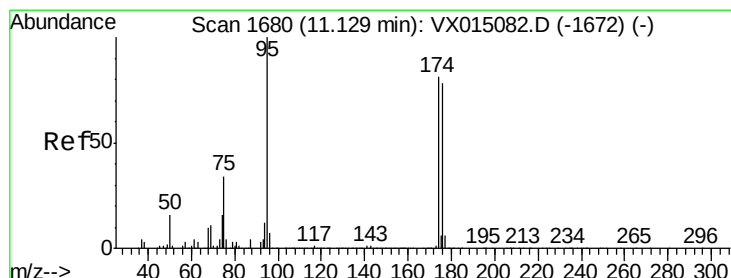
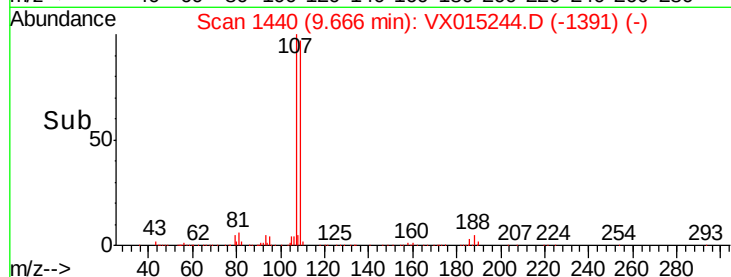
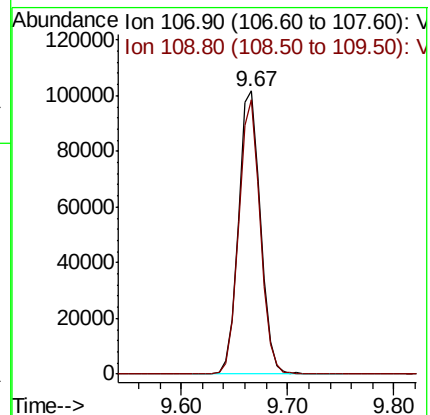
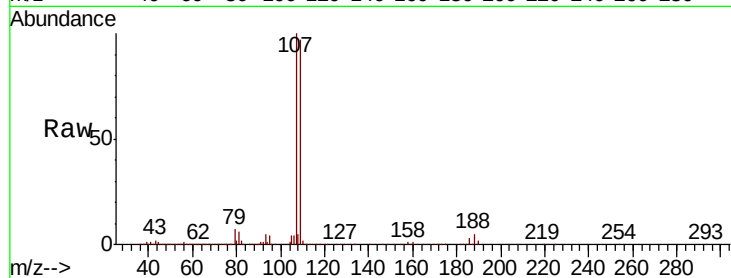
VSTDCCC050

Tot Ion:107 Resp: 147503

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.386 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

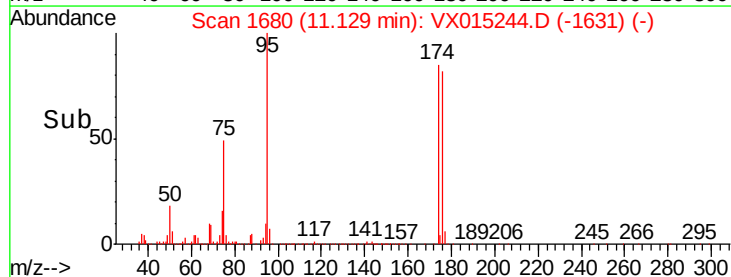
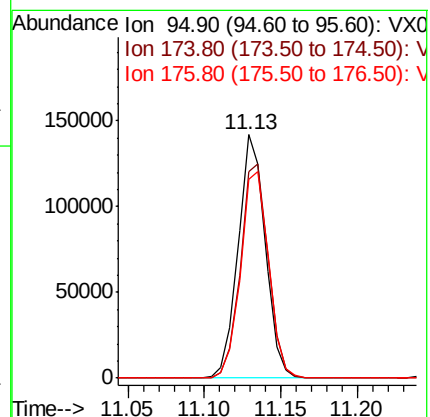
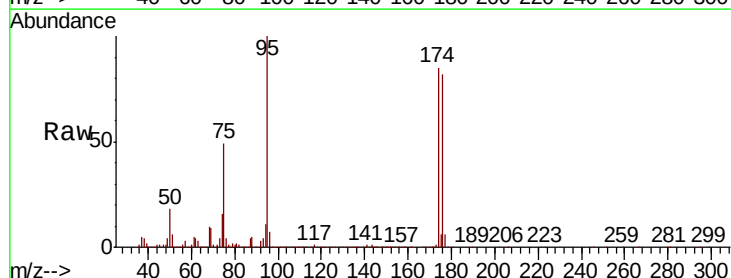
Tgt Ion: 95 Resp: 173938

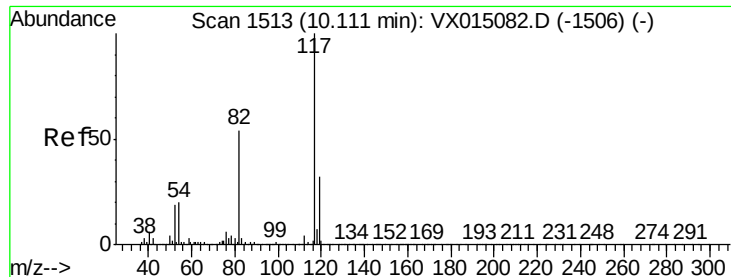
Ion Ratio Lower Upper

95 100

174 90.5 0.0 177.6

176 88.2 0.0 170.2

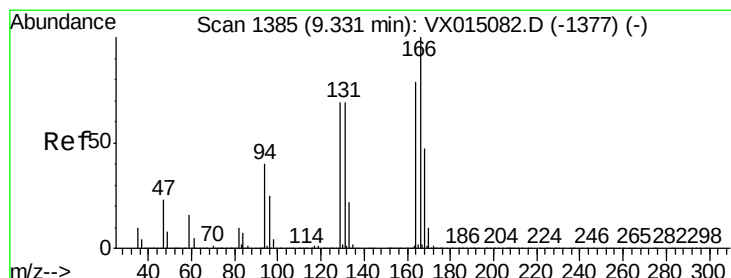
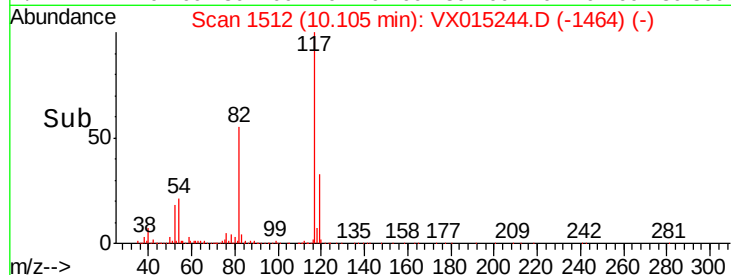
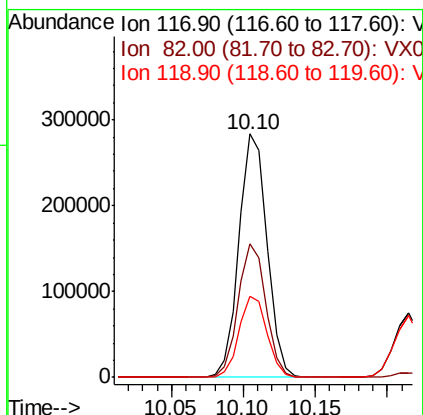
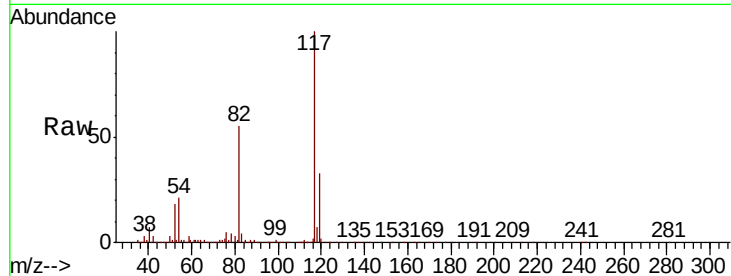




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

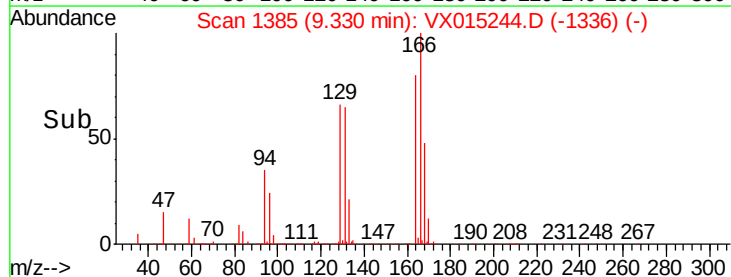
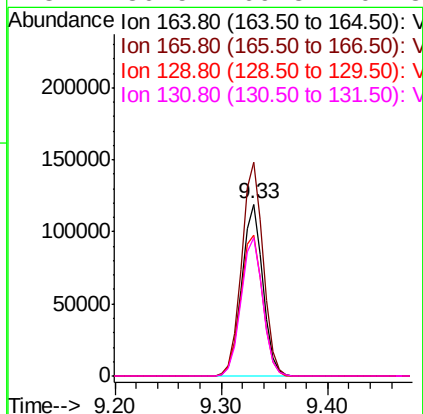
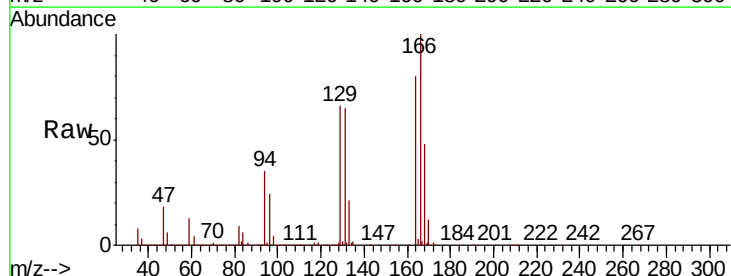
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

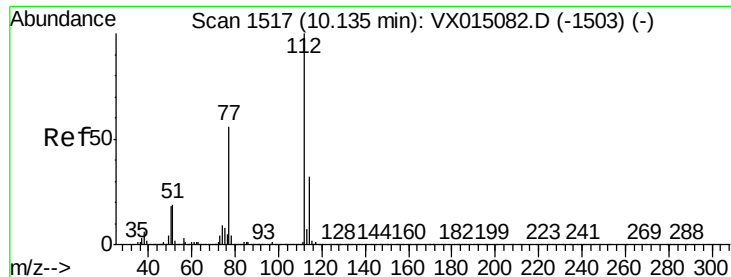
Tot Ion:117 Resp: 384720
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 51.923 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:164 Resp: 165163
Ion Ratio Lower Upper
164 100
166 124.4 101.1 151.7
129 82.2 69.4 104.0
131 80.5 69.8 104.8

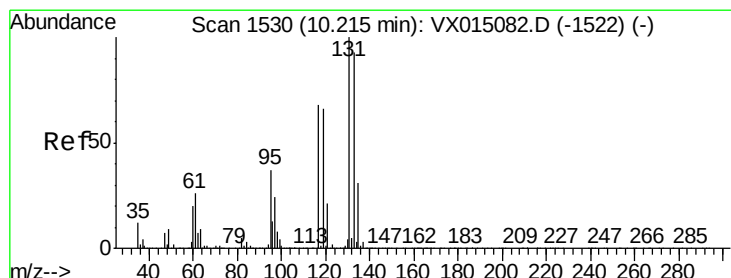
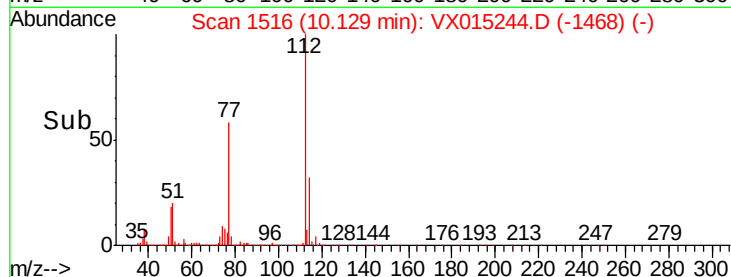
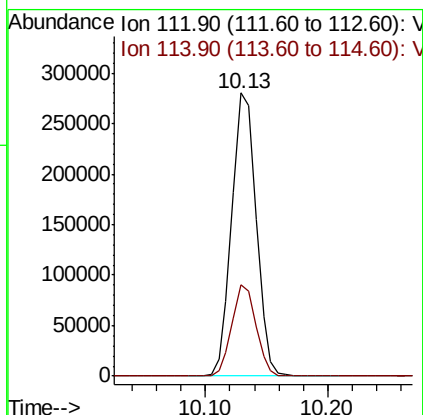
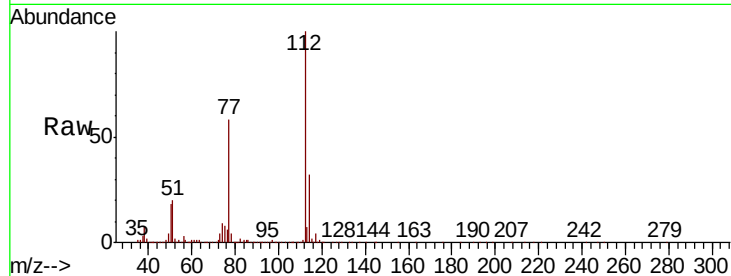




#65
Chlorobenzene
Concen: 50.216 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

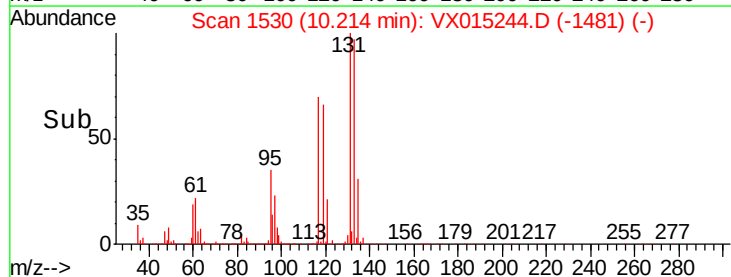
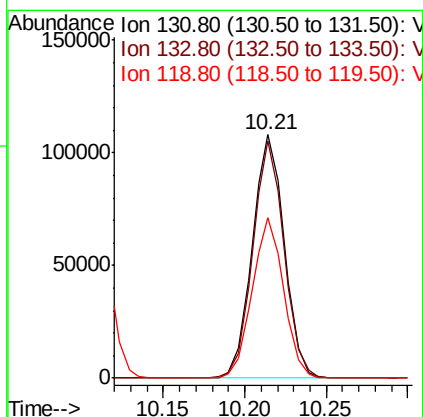
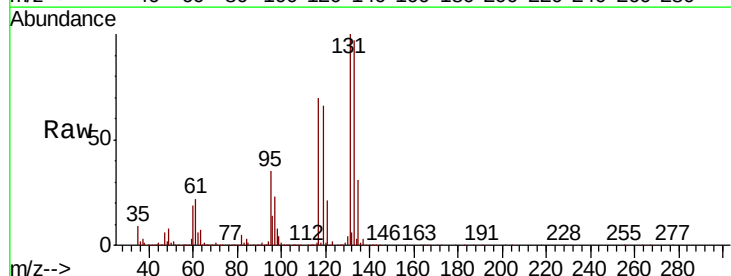
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

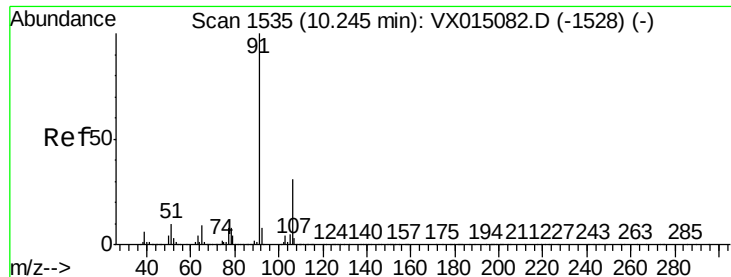
Tot Ion:112 Resp: 387860
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.373 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:131 Resp: 146710
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 65.1 33.4 100.1





#67

Ethyl Benzene

Concen: 52.423 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

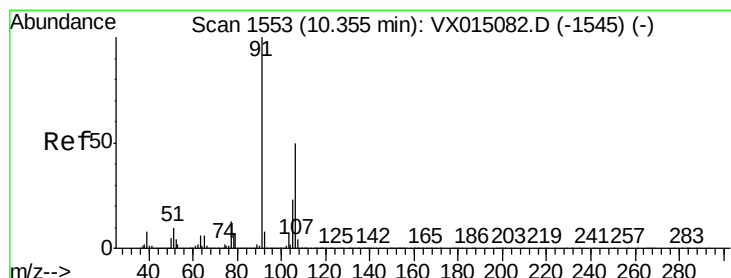
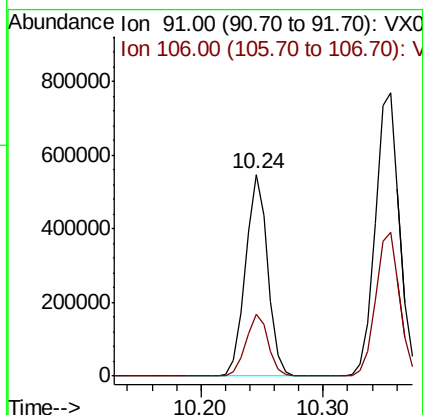
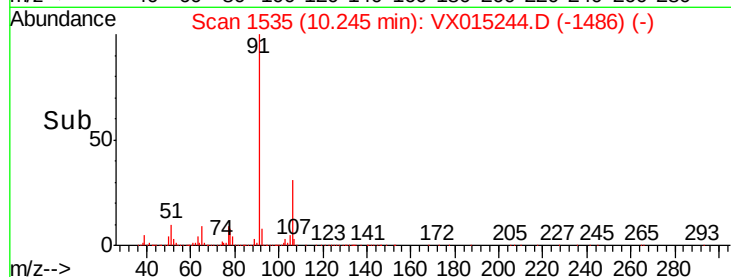
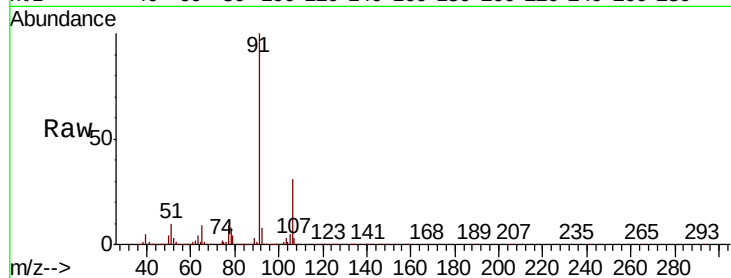
VSTDCCC050

Tot Ion: 91 Resp: 687570

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 106.486 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015244.D

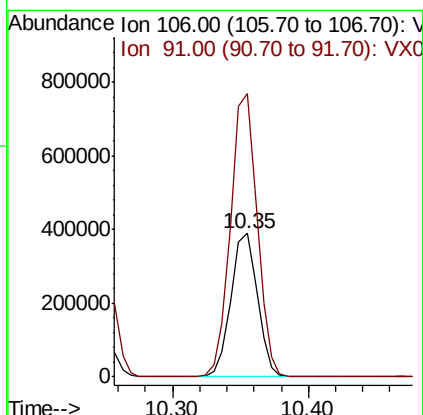
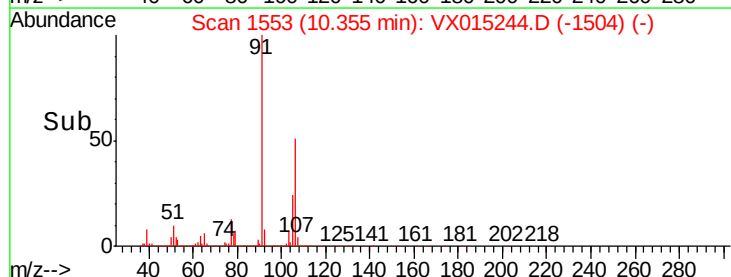
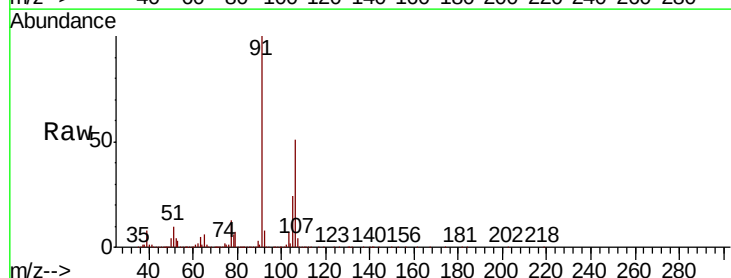
Acq: 13 Mar 2020 08:53

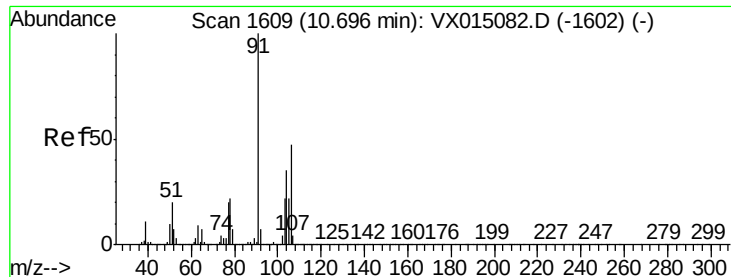
Tgt Ion: 106 Resp: 531375

Ion Ratio Lower Upper

106 100

91 197.9 159.4 239.2

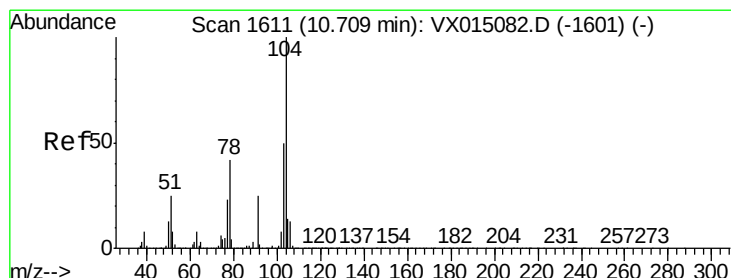
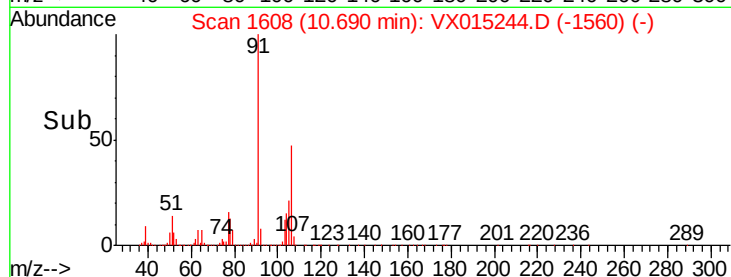
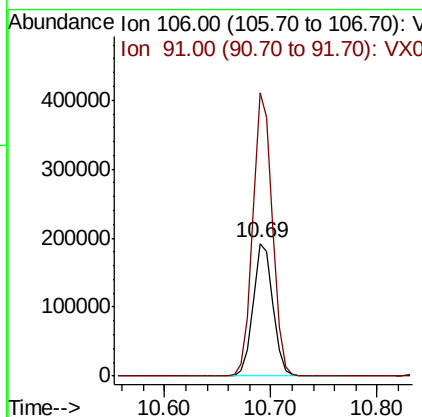
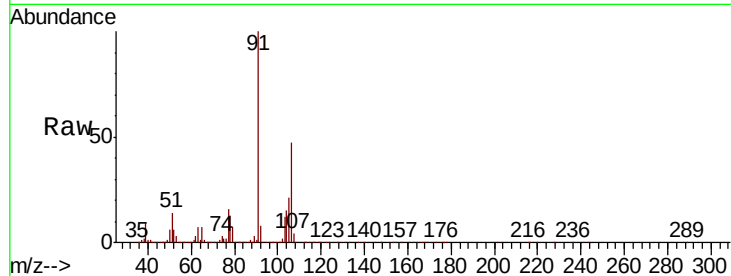




#69
o-Xylene
Concen: 52.470 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

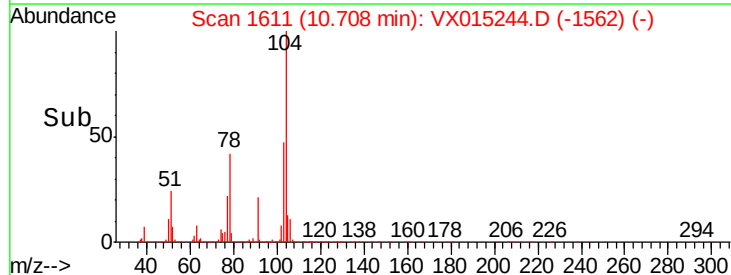
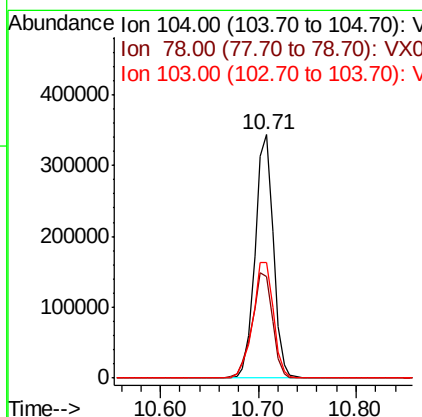
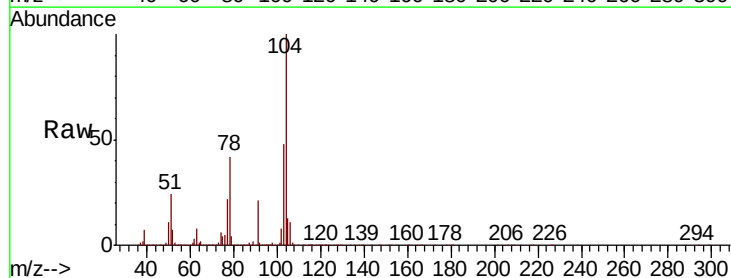
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

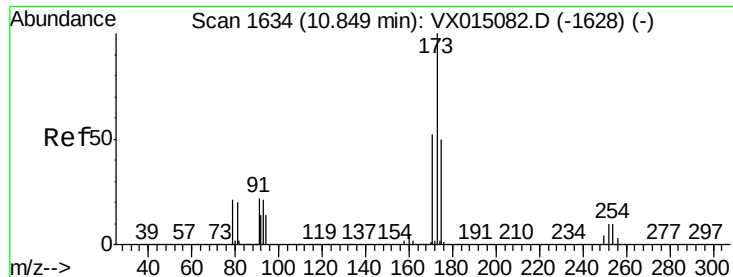
Tot Ion:106 Resp: 250688
Ion Ratio Lower Upper
106 100
91 210.6 105.4 316.1



#70
Styrene
Concen: 54.270 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:104 Resp: 444577
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 53.7 43.7 65.5





#71

Bromoform

Concen: 53.349 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

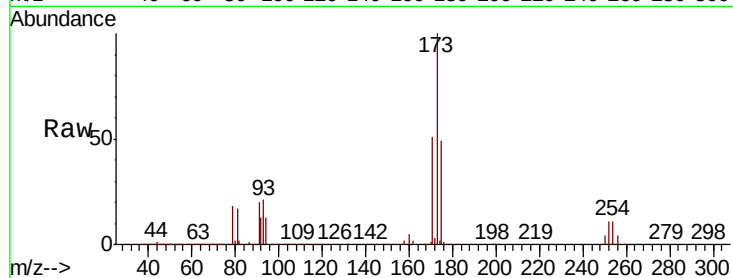
Tot Ion:173 Resp: 120488

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

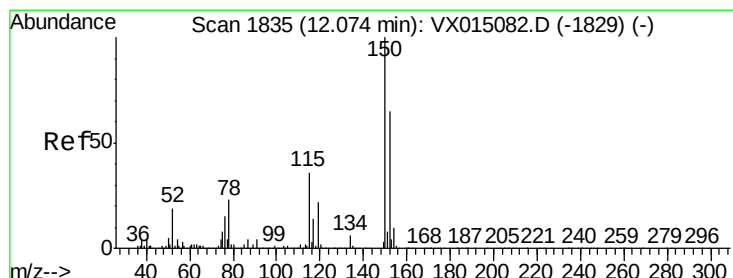
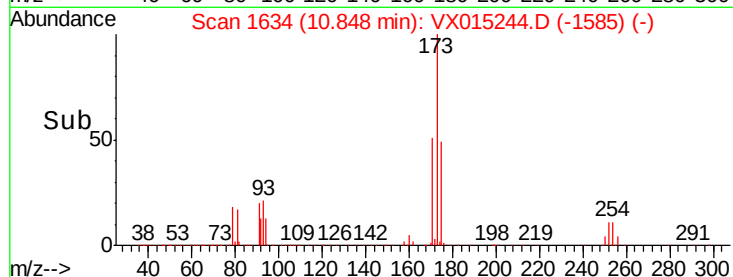
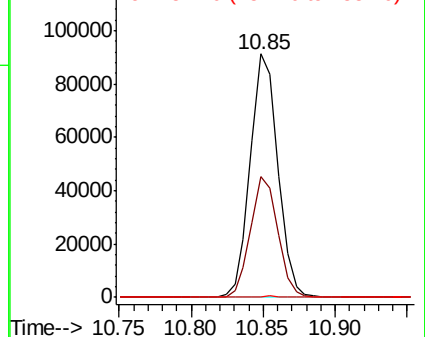
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

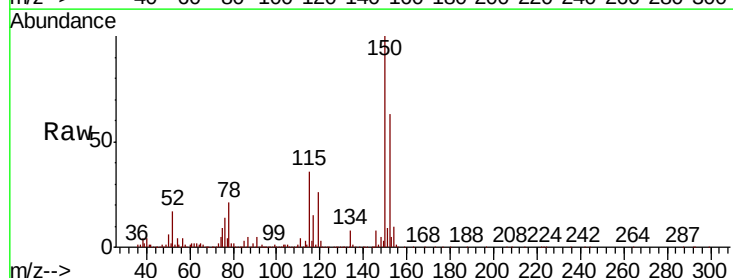
Tgt Ion:152 Resp: 210824

Ion Ratio Lower Upper

152 100

115 76.6 38.2 114.6

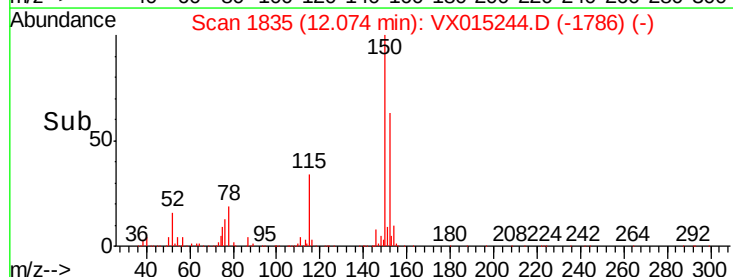
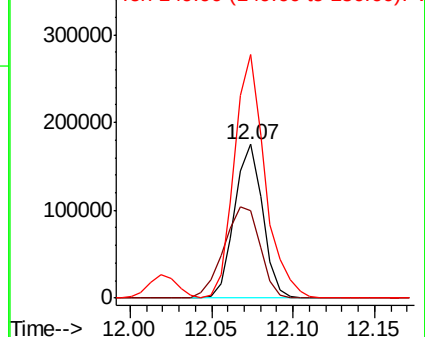
150 172.1 0.0 343.8

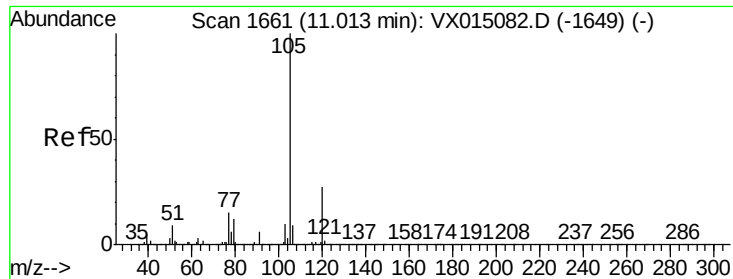


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.418 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

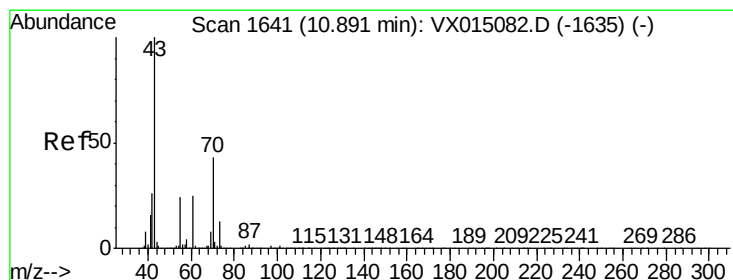
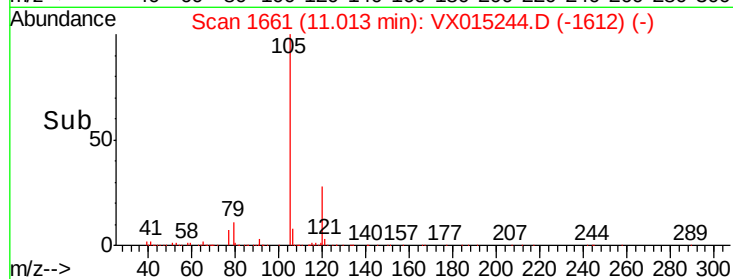
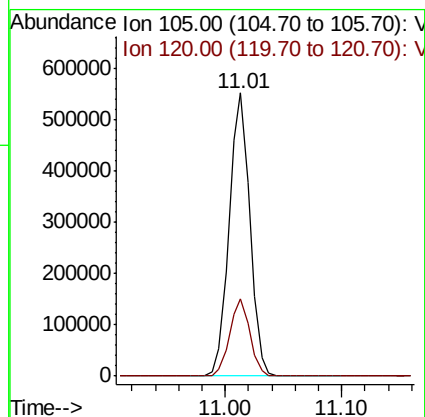
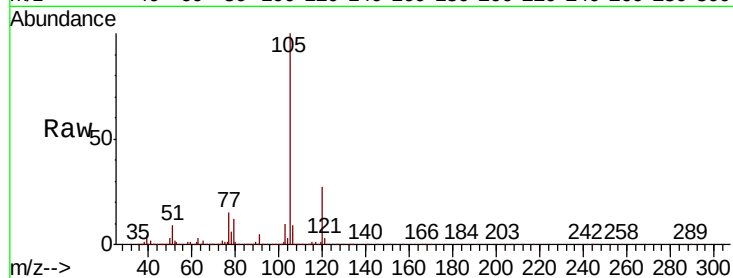
VSTDCCC050

Tot Ion:105 Resp: 679007

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 49.296 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion: 43 Resp: 279788

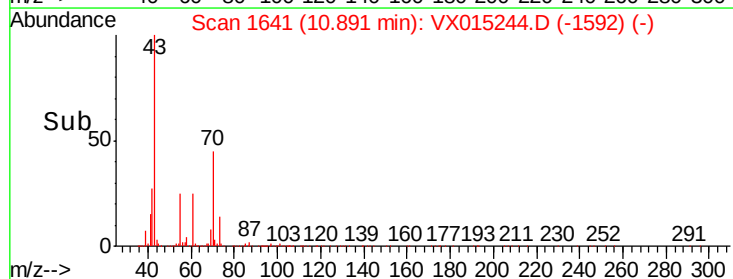
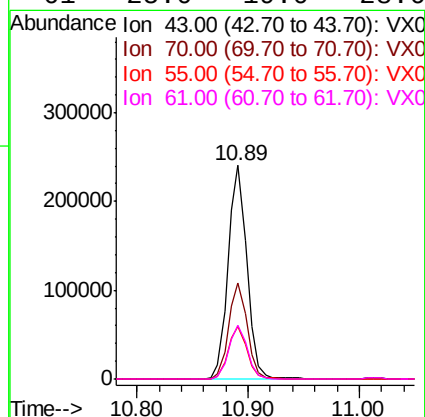
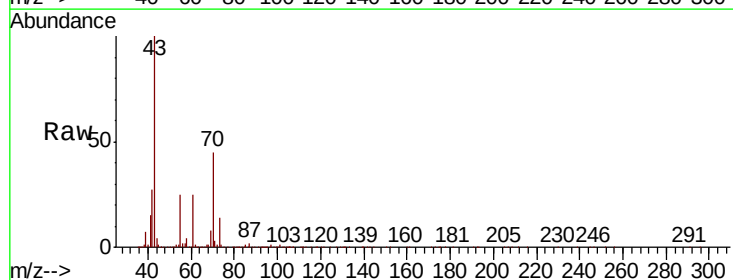
Ion Ratio Lower Upper

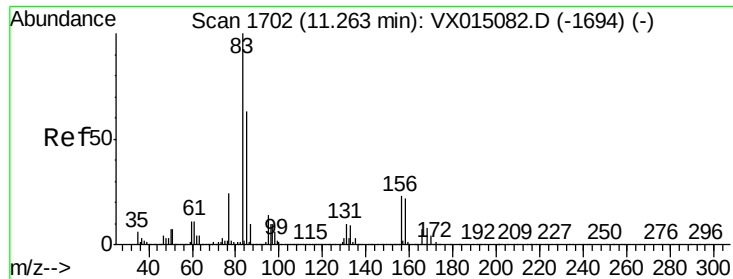
43 100

70 44.5 34.7 52.1

55 24.6 19.4 29.0

61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.280 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

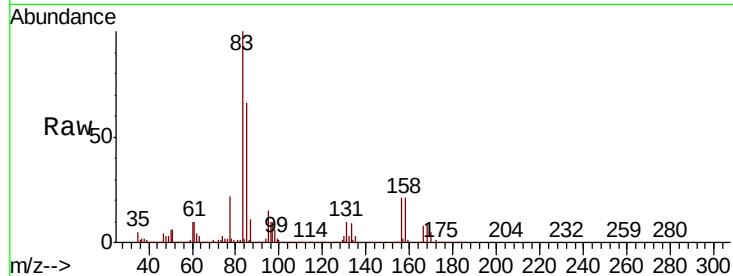
Tot Ion: 83 Resp: 203228

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX015082.D (-1694) (-)

Ion 130.80 (130.50 to 131.50): VX015082.D (-1694) (-)

Ion 84.90 (84.60 to 85.60): VX015082.D (-1694) (-)

11.26

200000

150000

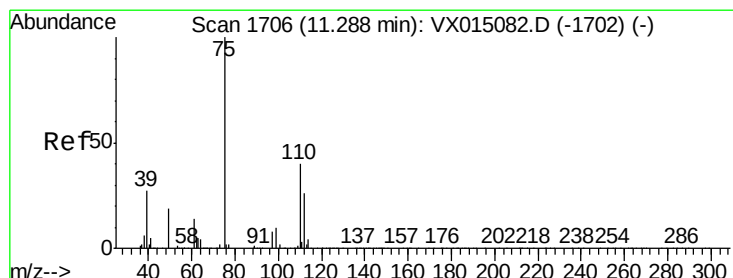
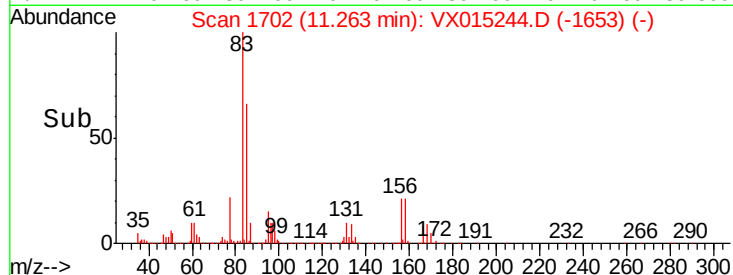
100000

50000

0

11.20 11.30

Time-->



#76

1,2,3-Trichloropropane

Concen: 57.651 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015244.D

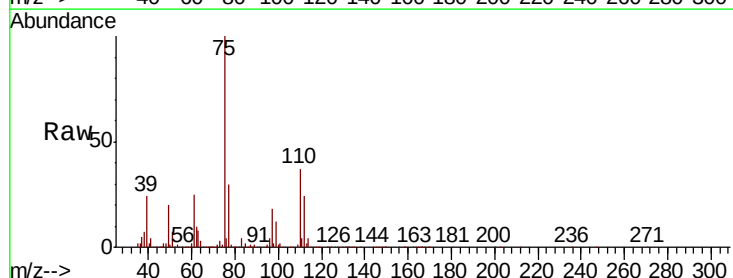
Acq: 13 Mar 2020 08:53

Tgt Ion: 75 Resp: 242439

Ion Ratio Lower Upper

75 100

77 31.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX015082.D (-1702) (-)

Ion 77.00 (76.70 to 77.70): VX015082.D (-1702) (-)

200000

150000

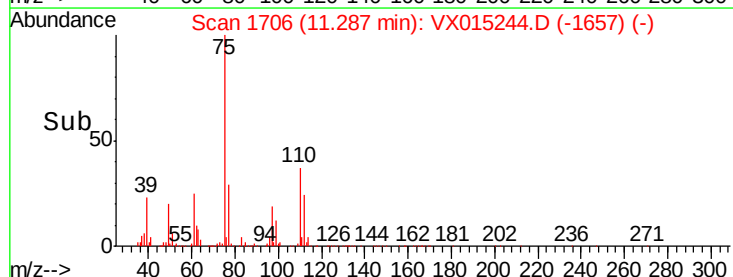
100000

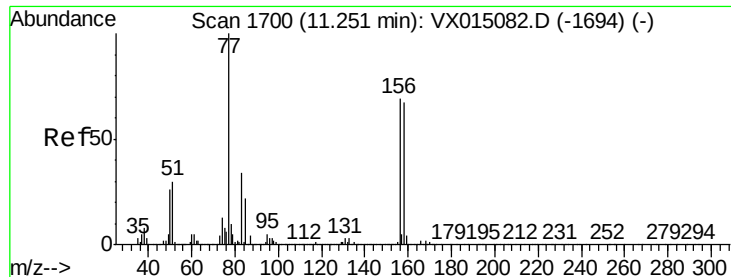
50000

0

11.25 11.30 11.35

Time-->





#77

Bromobenzene

Concen: 48.202 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

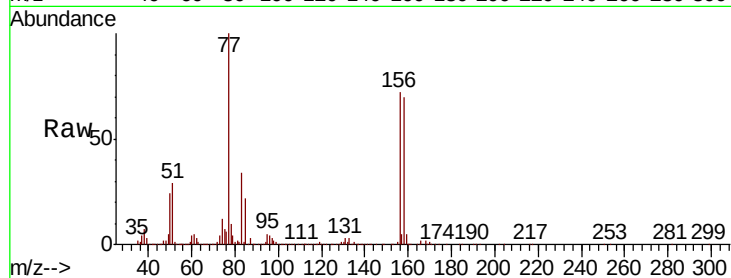
Tot Ion:156 Resp: 180912

Ion Ratio Lower Upper

156 100

77 147.3 75.3 225.9

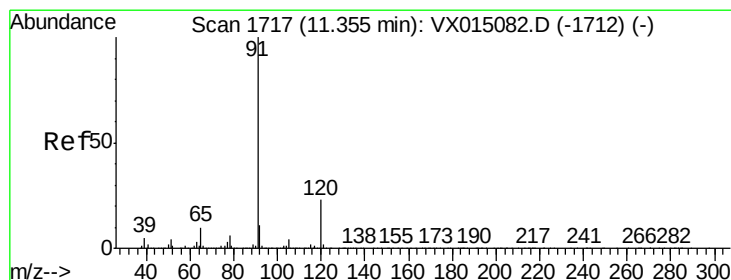
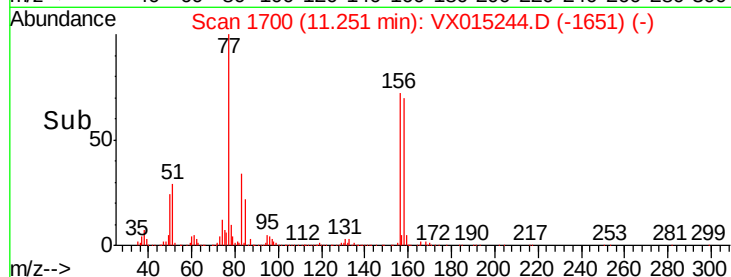
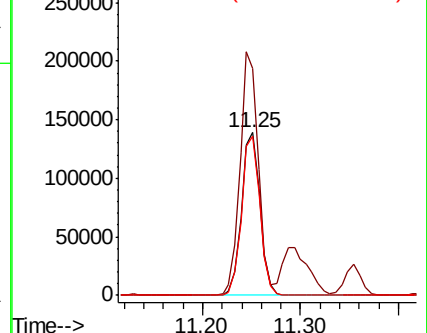
158 97.0 48.5 145.6



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: 51.485 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015244.D

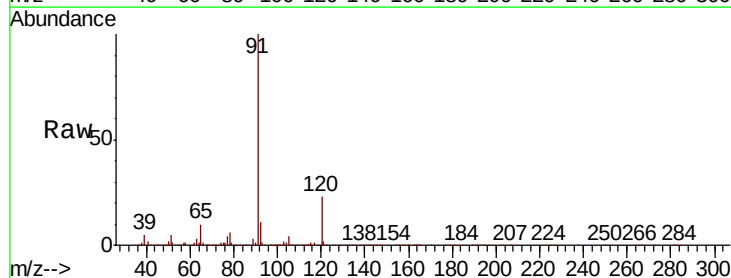
Acq: 13 Mar 2020 08:53

Tgt Ion: 91 Resp: 792164

Ion Ratio Lower Upper

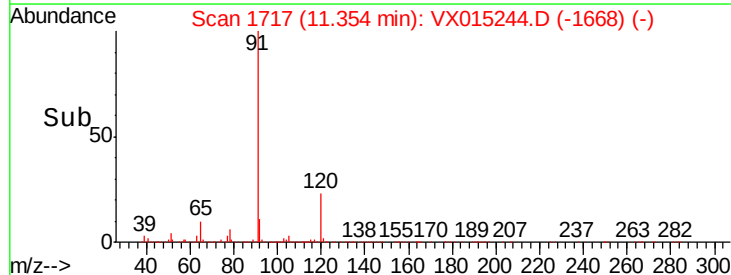
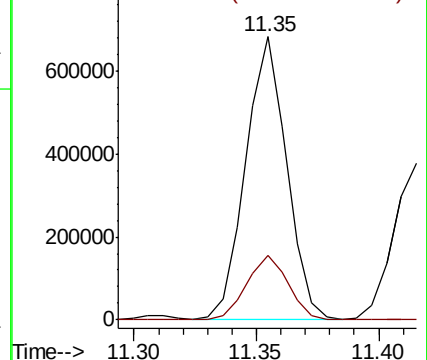
91 100

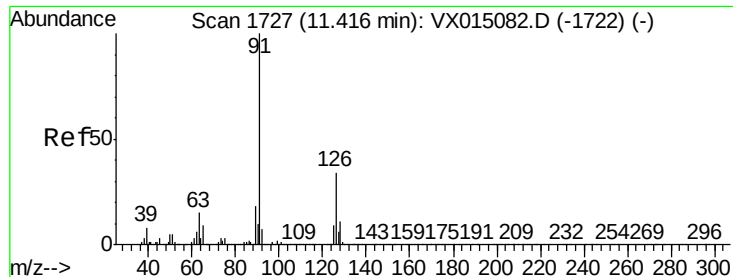
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

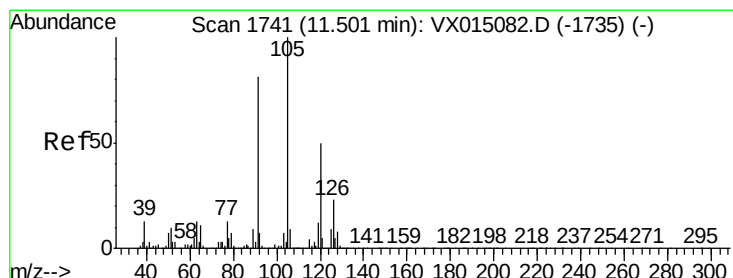
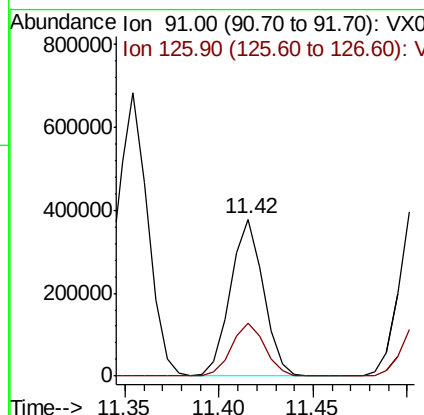
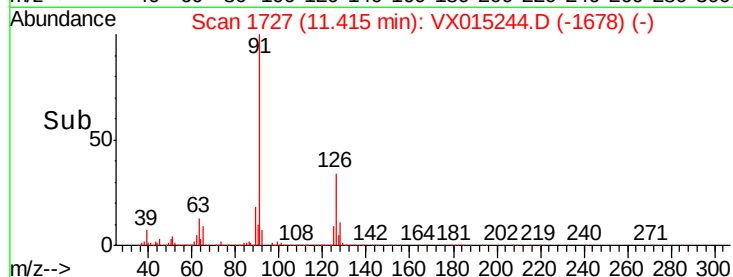
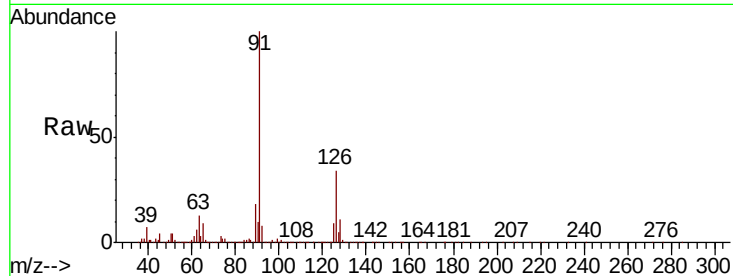




#79
 2-Chlorotoluene
 Concen: 49.753 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

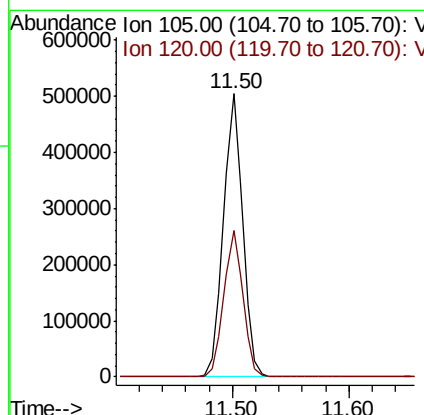
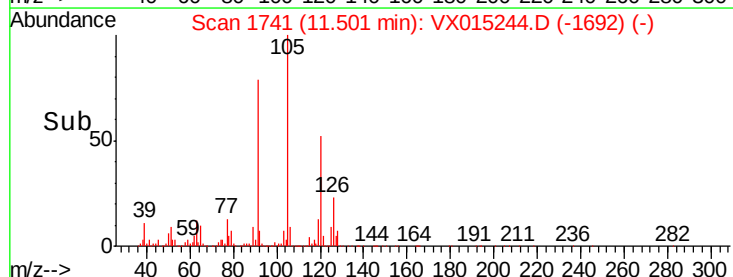
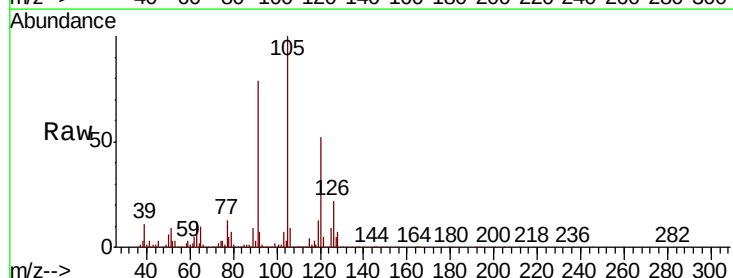
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

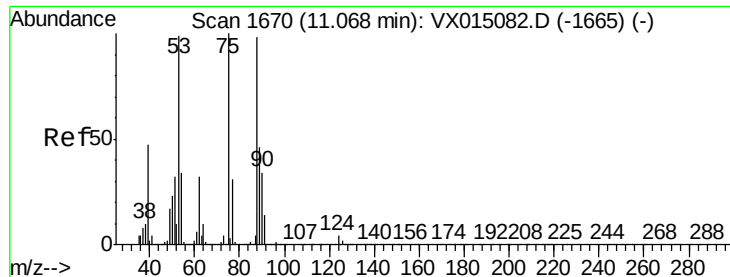
Tot Ion: 91 Resp: 457157
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.101 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion: 105 Resp: 572901
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.1 75.4

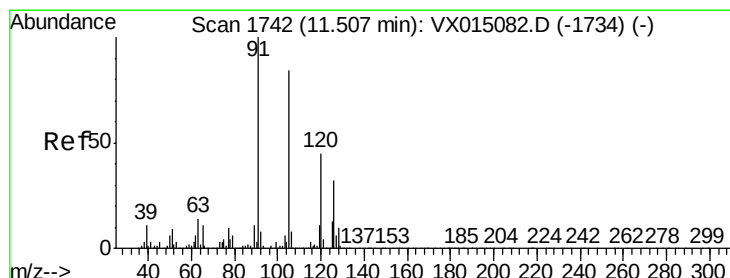
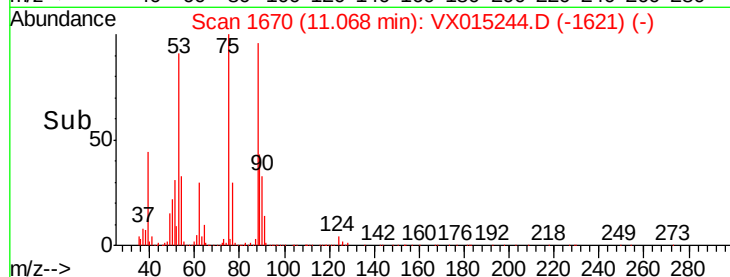
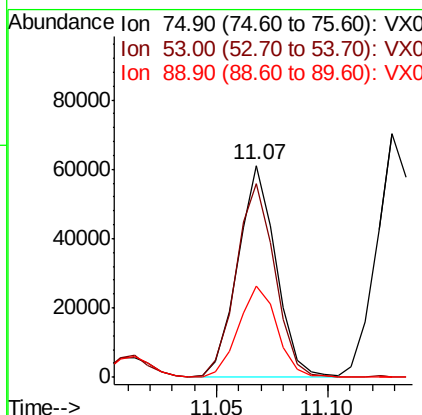
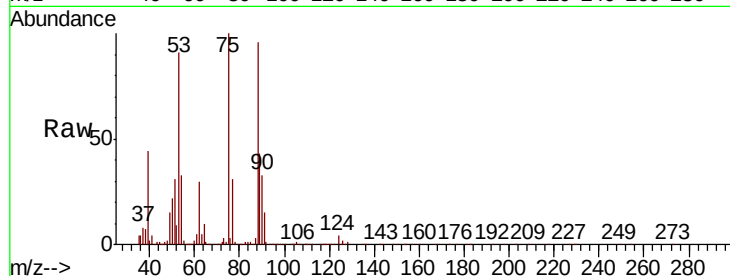




#81
trans-1,4-Dichloro-2-butene
Concen: 48.893 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

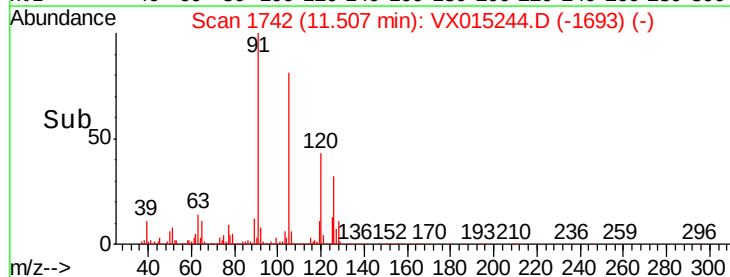
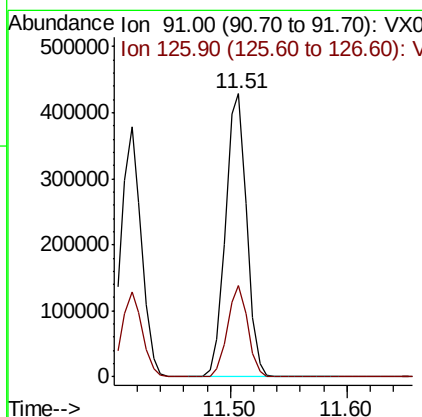
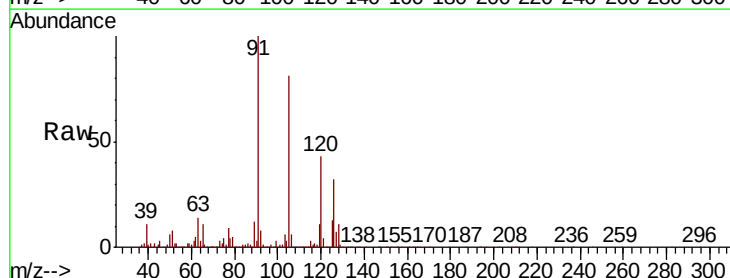
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

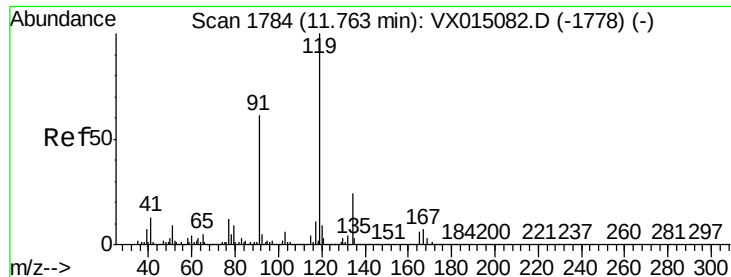
Tot Ion: 75 Resp: 72448
Ion Ratio Lower Upper
75 100
53 92.9 77.9 116.9
89 44.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.518 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion: 91 Resp: 537555
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2





#83

tert-Butylbenzene

Concen: 50.605 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

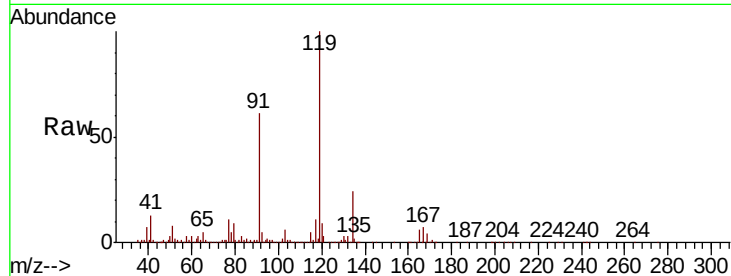
Tot Ion:119 Resp: 548583

Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.6

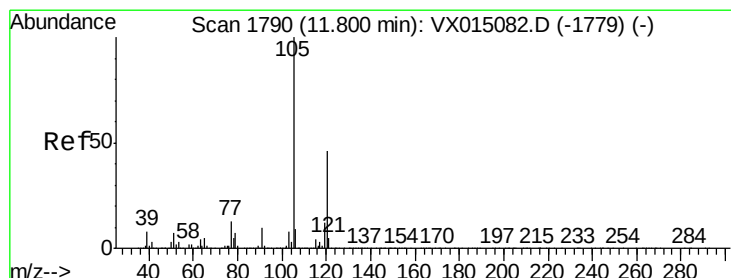
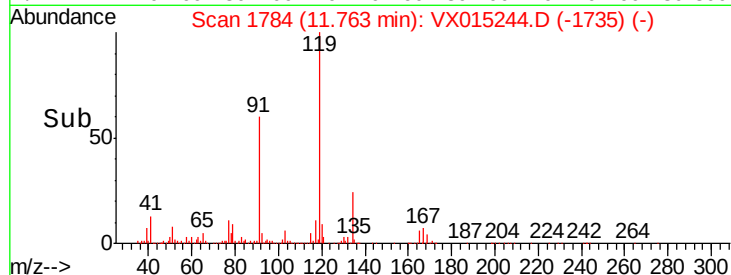
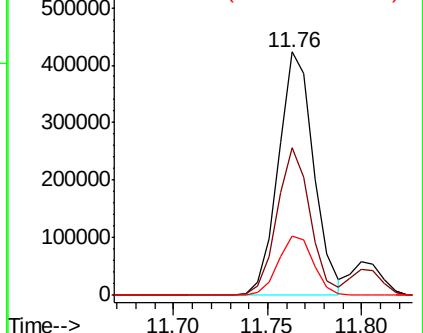
134 24.3 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.743 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015244.D

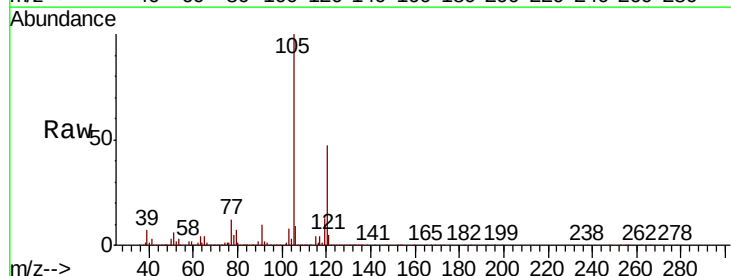
Acq: 13 Mar 2020 08:53

Tgt Ion:105 Resp: 582779

Ion Ratio Lower Upper

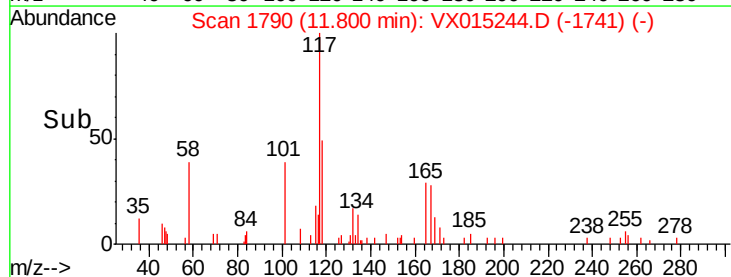
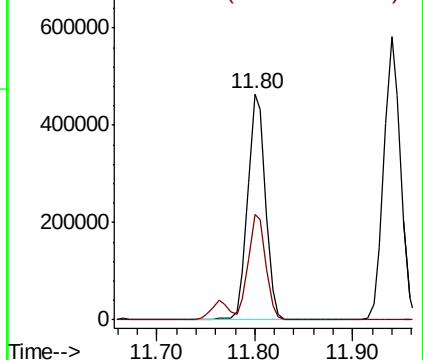
105 100

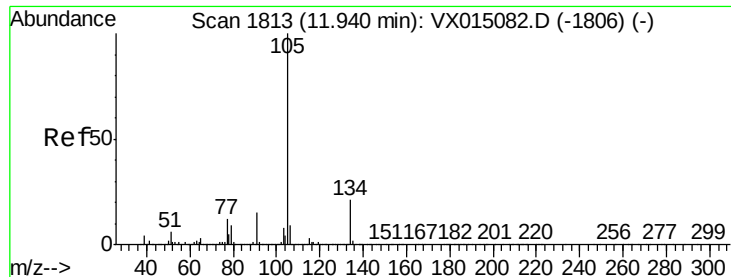
120 45.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.813 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

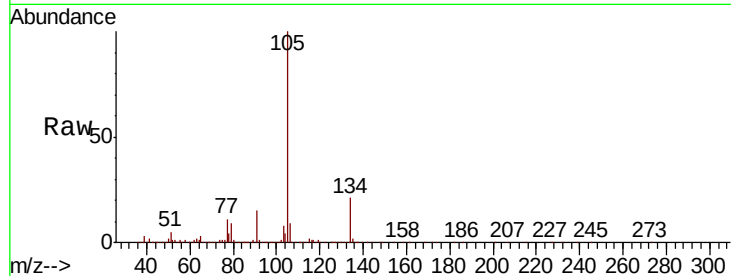
VSTDCCC050

Tot Ion:105 Resp: 691123

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

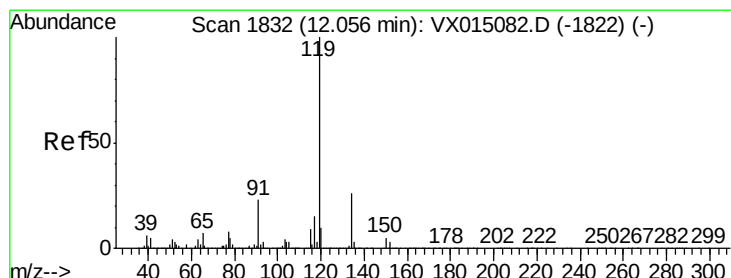
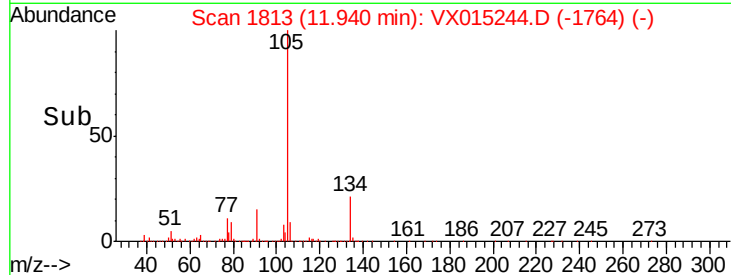
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.728 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

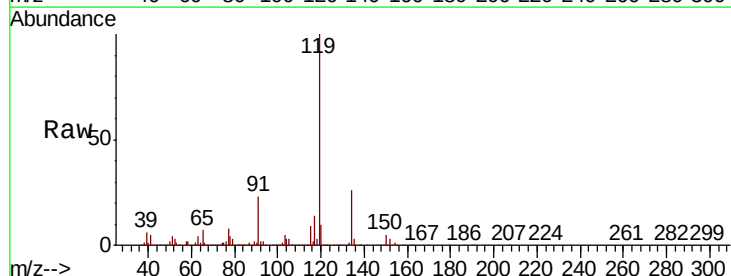
Tgt Ion:119 Resp: 635724

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

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

12.06

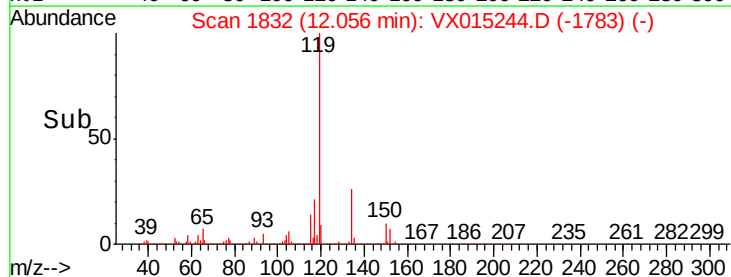
600000

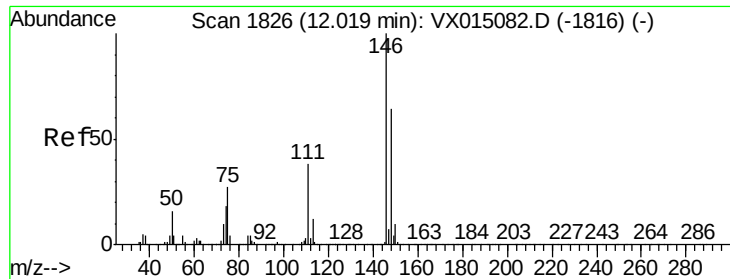
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.279 ug/l

RT: 12.02 min Scan# 1826

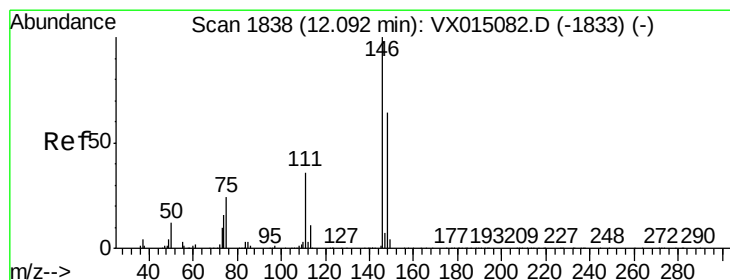
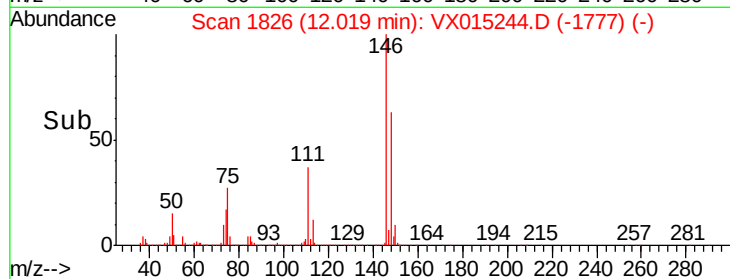
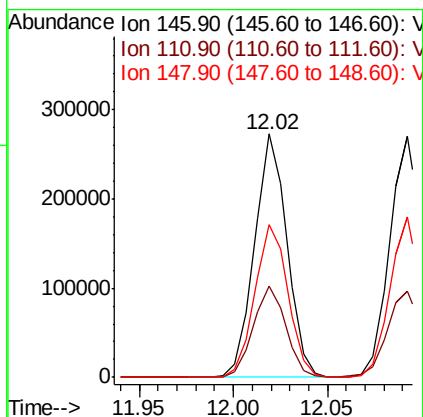
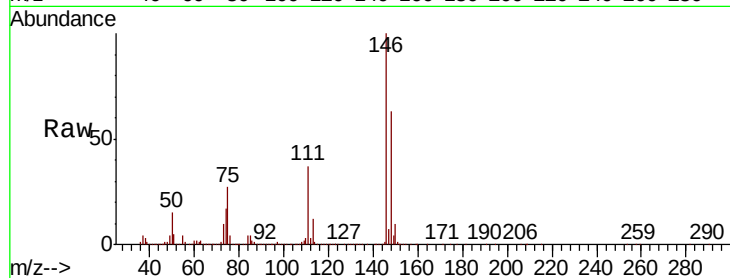
Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.3	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 48.130 ug/l

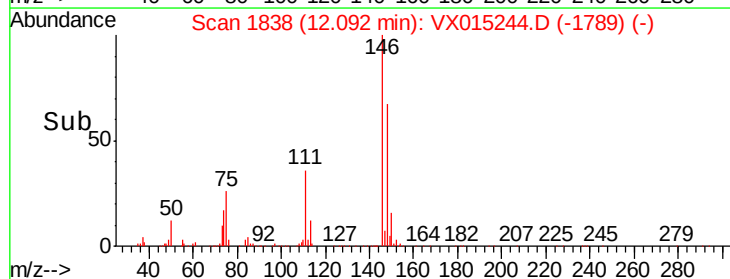
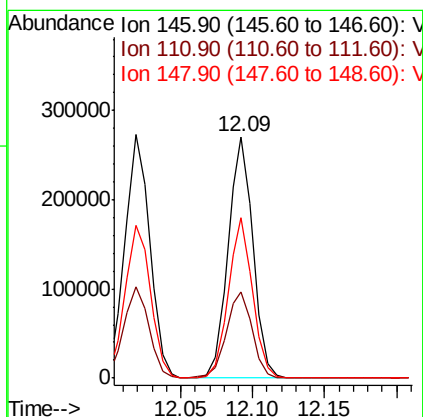
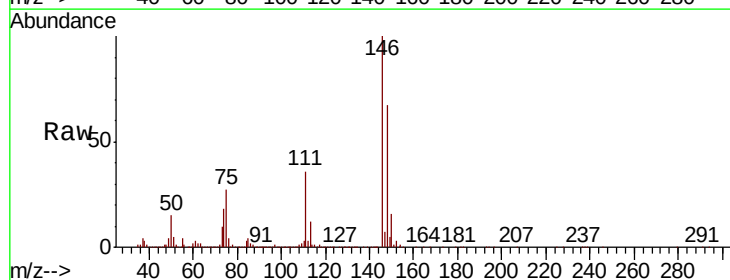
RT: 12.09 min Scan# 1838

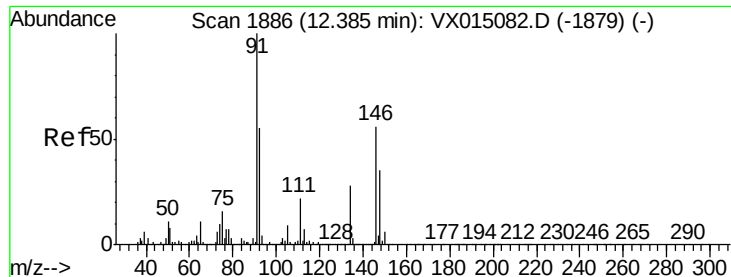
Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.7	32.5	97.4





#89

n-Butylbenzene

Concen: 52.867 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

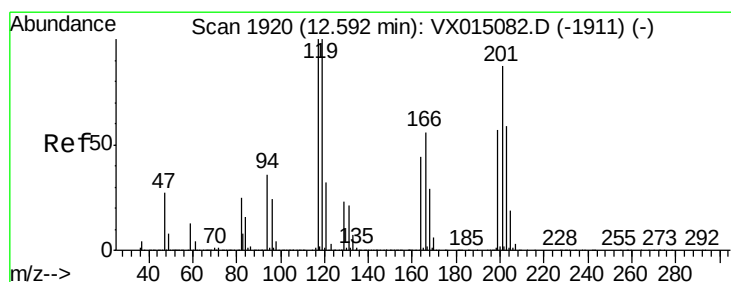
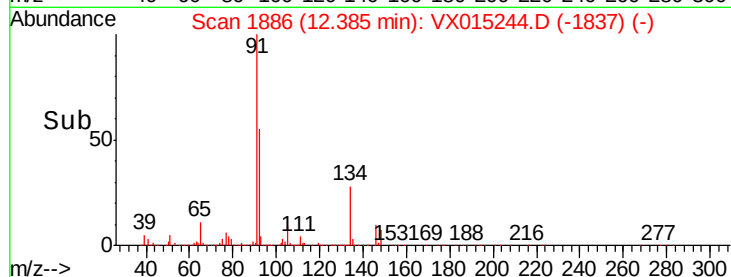
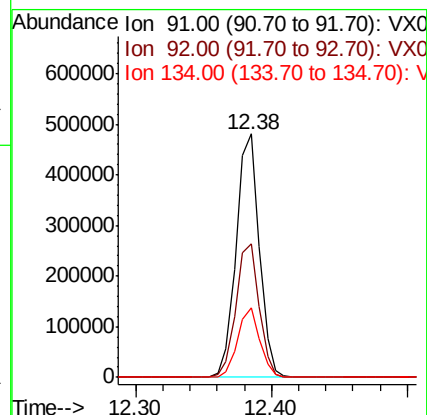
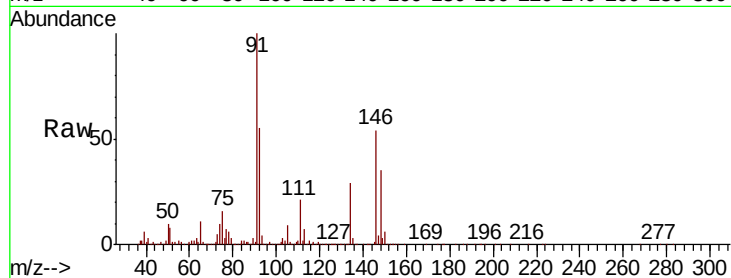
Tot Ion: 91 Resp: 566904

Ion Ratio Lower Upper

91 100

92 55.4 27.2 81.6

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 48.942 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015244.D

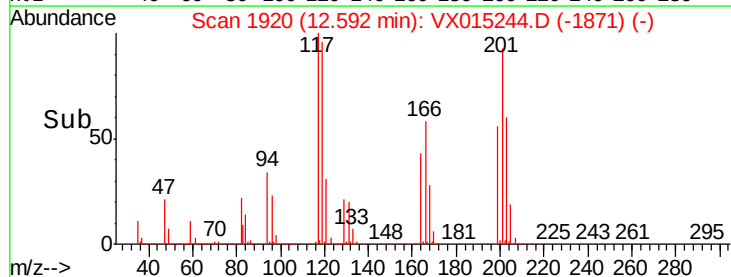
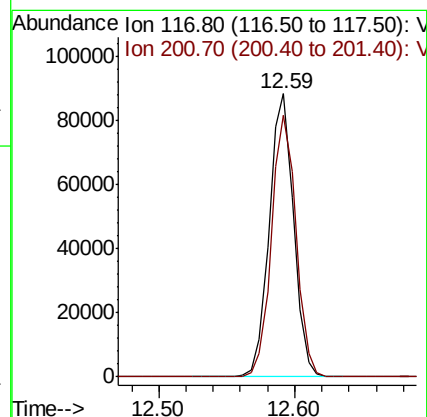
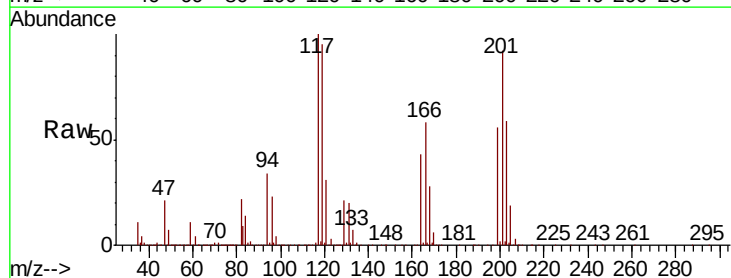
Acq: 13 Mar 2020 08:53

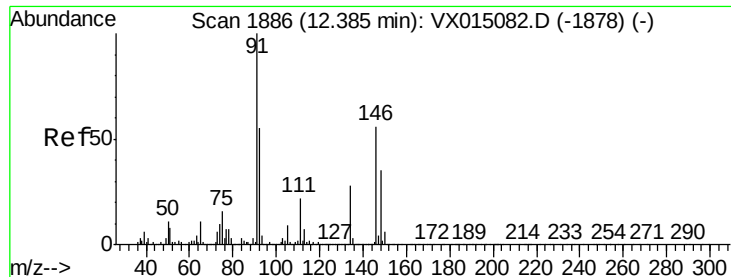
Tgt Ion: 117 Resp: 111557

Ion Ratio Lower Upper

117 100

201 92.9 43.5 130.7

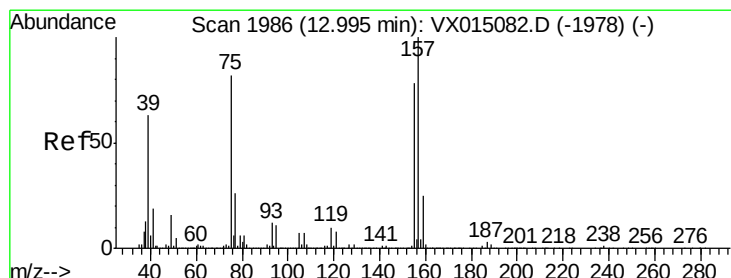
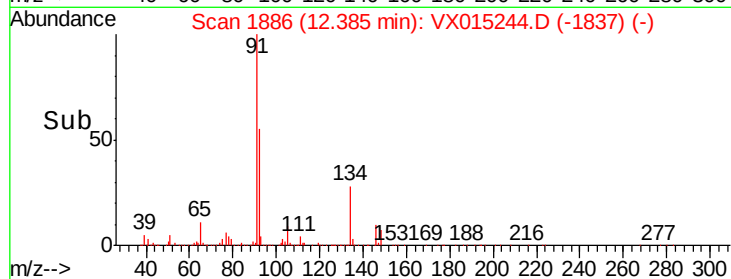
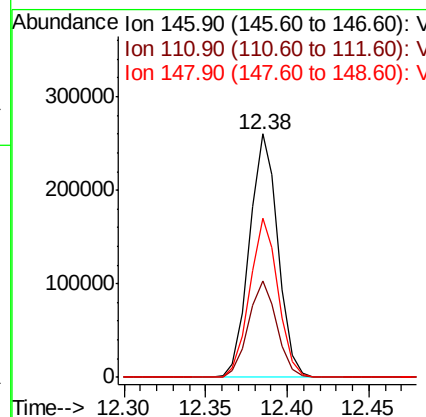
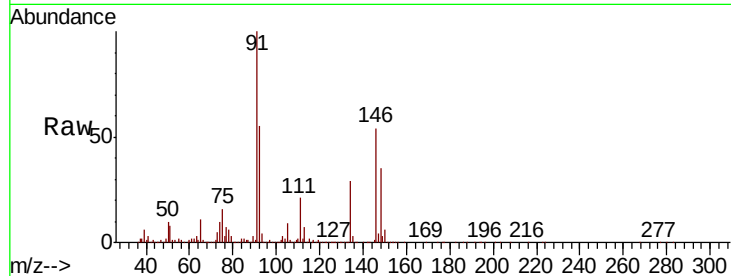




#91
 1,2-Dichlorobenzene
 Concen: 48.412 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

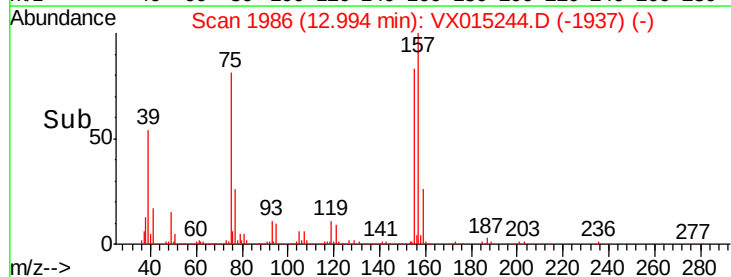
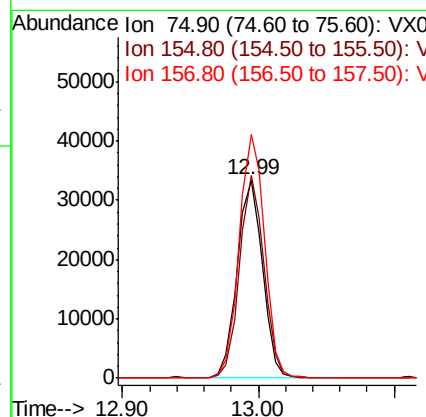
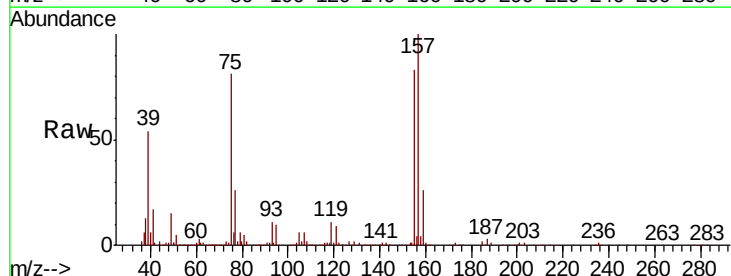
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

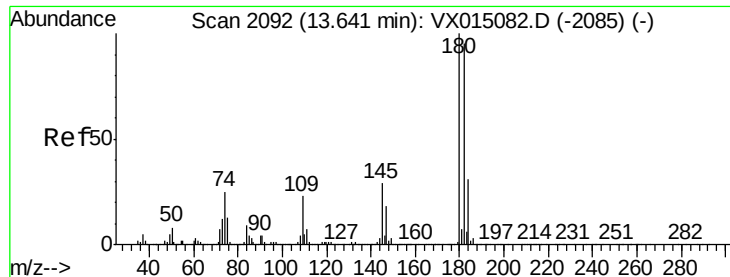
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	64.7	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.239 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	46.6	139.7
157	123.5	59.2	177.5





#93

1,2,4-Trichlorobenzene

Concen: 53.544 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

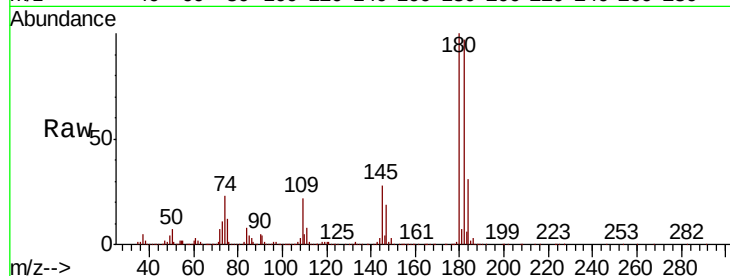
Tot Ion:180 Resp: 243808

Ion Ratio Lower Upper

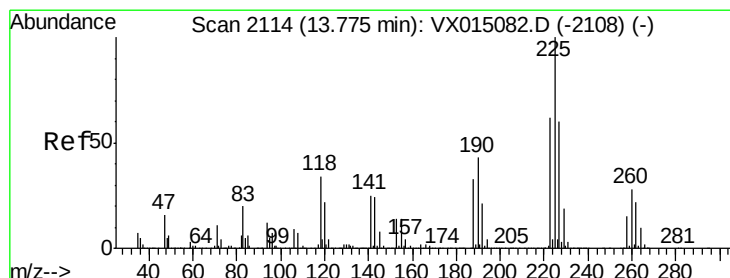
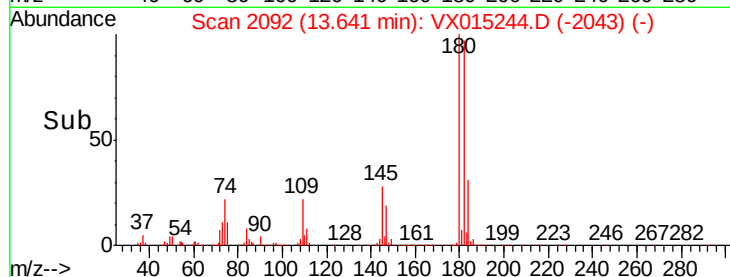
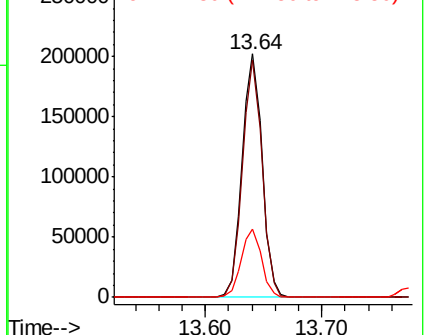
180 100

182 95.8 47.6 142.8

145 28.4 14.1 42.2



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: 54.343 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

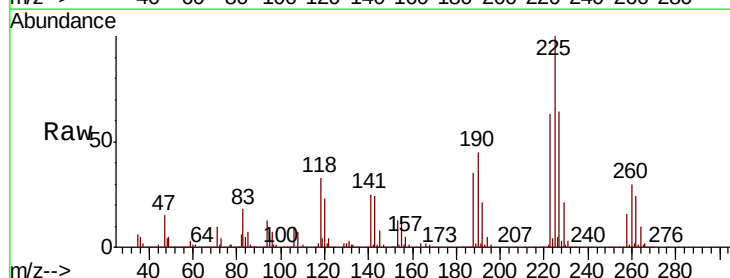
Tgt Ion:225 Resp: 126977

Ion Ratio Lower Upper

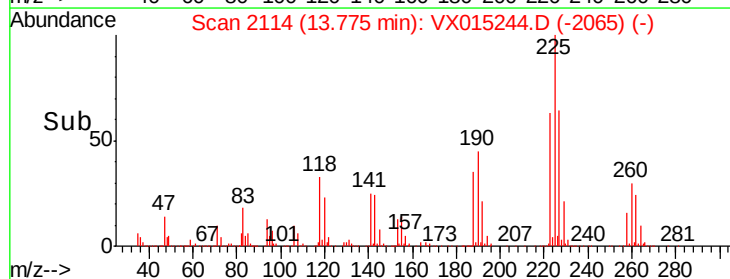
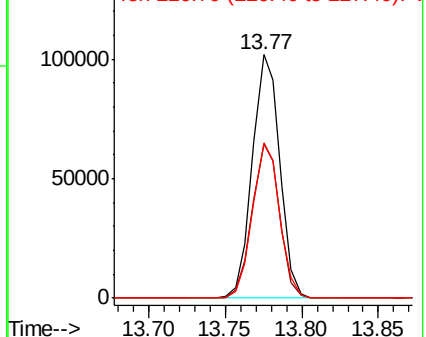
225 100

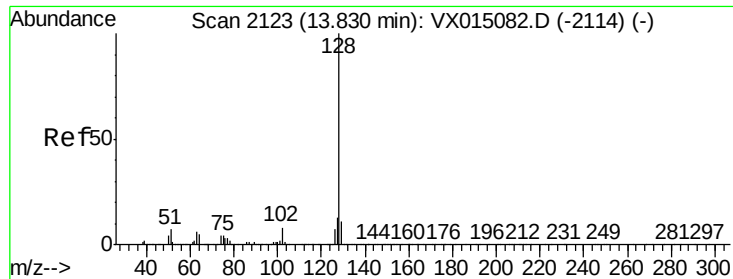
223 63.1 31.3 93.9

227 62.9 31.1 93.2



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

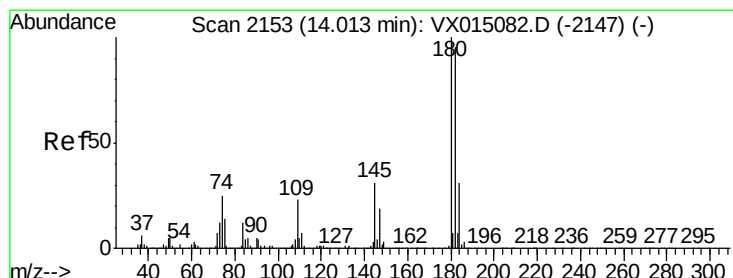
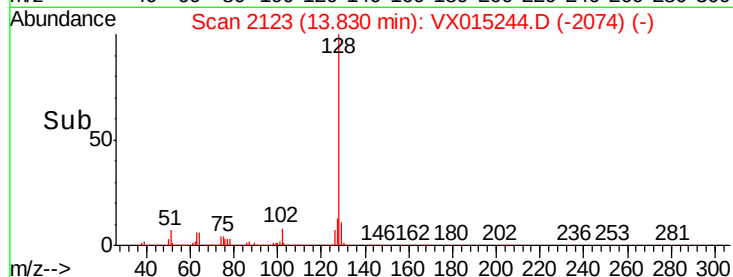
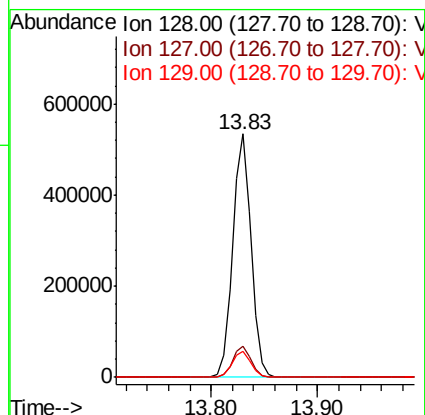
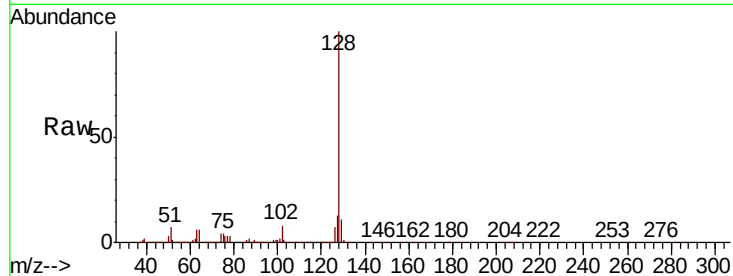




#95
Naphthalene
Concen: 46.294 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 644512
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.290 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:180 Resp: 242102
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.4
145 29.5 15.1 45.3

