

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015096.D
 Acq On : 05 Mar 2020 08:44
 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 06 02:19:06 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	384462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	560117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	520173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	224351	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	5.48	113	182437	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.71	98	708145	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	252346	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	171458	50.929	ug/l	98
3) Chloromethane	1.32	50	237217	49.742	ug/l	99
4) Vinyl Chloride	1.40	62	246097	50.892	ug/l	100
5) Bromomethane	1.64	94	146567	49.301	ug/l	99
6) Chloroethane	1.72	64	147720	50.925	ug/l	100
7) Trichlorofluoromethane	1.92	101	299300	52.017	ug/l	97
8) Diethyl Ether	2.18	74	130823	50.198	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	189289	52.289	ug/l	98
10) Methyl Iodide	2.50	142	197270	48.233	ug/l	98
11) Tert butyl alcohol	3.03	59	180762	228.421	ug/l	100
12) 1,1-Dichloroethene	2.37	96	185491	49.648	ug/l	99
13) Acrolein	2.28	56	158865	213.618	ug/l	98
14) Allyl chloride	2.72	41	315471	48.426	ug/l	98
15) Acrylonitrile	3.13	53	454546	230.641	ug/l	100
16) Acetone	2.43	43	488124	264.254	ug/l	99
17) Carbon Disulfide	2.56	76	492150	47.434	ug/l	98
18) Methyl Acetate	2.76	43	197092	43.636	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	572415	49.029	ug/l	99
20) Methylene Chloride	2.85	84	197744	45.743	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	192690	48.302	ug/l	97
22) Diisopropyl ether	3.84	45	649593	50.050	ug/l	96
23) Vinyl Acetate	3.80	43	2688619	252.006	ug/l	100
24) 1,1-Dichloroethane	3.69	63	343816	47.730	ug/l	99
25) 2-Butanone	4.65	43	684396	253.080	ug/l	99
26) 2,2-Dichloropropane	4.57	77	283606	49.595	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	220079	49.174	ug/l	99
28) Bromochloromethane	5.00	49	167903	51.188	ug/l	96
29) Tetrahydrofuran	5.11	42	396209	227.288	ug/l	99
30) Chloroform	5.20	83	345522	49.213	ug/l	100
31) Cyclohexane	5.57	56	325025	50.586	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	296827	51.002	ug/l	98
36) 1,1-Dichloropropene	5.79	75	266489	51.465	ug/l	99
37) Ethyl Acetate	4.81	43	248621	51.762	ug/l	100
38) Carbon Tetrachloride	5.78	117	260359	53.269	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	333381	55.138	ug/l	99
40) Benzene	6.13	78	785497	51.131	ug/l	97
41) Methacrylonitrile	5.02	41	140050	48.543	ug/l	99
42) 1,2-Dichloroethane	6.18	62	277881	52.672	ug/l	97
43) Isopropyl Acetate	6.43	43	421531	49.887	ug/l	99
44) Trichloroethene	7.20	130	222205	51.937	ug/l	98
45) 1,2-Dichloropropane	7.50	63	204974	51.547	ug/l	99
46) Dibromomethane	7.65	93	131654	50.812	ug/l	99
47) Bromodichloromethane	7.89	83	272270	53.139	ug/l	97
48) Methyl methacrylate	7.76	41	213917	49.741	ug/l	99
49) 1,4-Dioxane	7.73	88	90150	969.522	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1279486	256.104	ug/l	100
52) Toluene	8.78	92	501500	53.390	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	298471	54.729	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	330990	53.685	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	196735	50.886	ug/l	98
56) Ethyl methacrylate	9.17	69	298592	54.145	ug/l	100
57) 1,3-Dichloropropane	9.36	76	335064	51.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	839098	279.304	ug/l	100
59) 2-Hexanone	9.48	43	1009157	272.529	ug/l	100
60) Dibromochloromethane	9.57	129	217380	53.525	ug/l	99
61) 1,2-Dibromoethane	9.67	107	206382	50.822	ug/l	100
64) Tetrachloroethene	9.33	164	227468	52.889	ug/l	99
65) Chlorobenzene	10.13	112	538054	51.522	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	201113	51.072	ug/l	99
67) Ethyl Benzene	10.25	91	962915	54.299	ug/l	100
68) m/p-Xylenes	10.35	106	745620	110.511	ug/l	100
69) o-Xylene	10.69	106	352661	54.593	ug/l	99
70) Styrene	10.71	104	615719	55.590	ug/l	99
71) Bromoform	10.85	173	165195	54.097	ug/l #	97
73) Isopropylbenzene	11.01	105	950180	53.046	ug/l	100
74) N-amyl acetate	10.89	43	376020	49.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	284346	47.632	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	328288	58.694	ug/l	80
77) Bromobenzene	11.25	156	246370	49.353	ug/l	99
78) n-propylbenzene	11.35	91	1111917	54.334	ug/l	100
79) 2-Chlorotoluene	11.42	91	635693	52.016	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	808062	54.191	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	97279	49.360	ug/l	99
82) 4-Chlorotoluene	11.50	91	757921	52.493	ug/l	100
83) tert-Butylbenzene	11.76	119	762275	52.869	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	808987	54.004	ug/l	100
85) sec-Butylbenzene	11.94	105	951024	54.640	ug/l	100
86) p-Isopropyltoluene	12.06	119	889444	55.466	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	444467	50.648	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	454755	50.193	ug/l	99
89) n-Butylbenzene	12.38	91	803024	56.304	ug/l	100
90) Hexachloroethane	12.59	117	155999	51.457	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	441371	50.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59100	49.441	ug/l	98

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QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

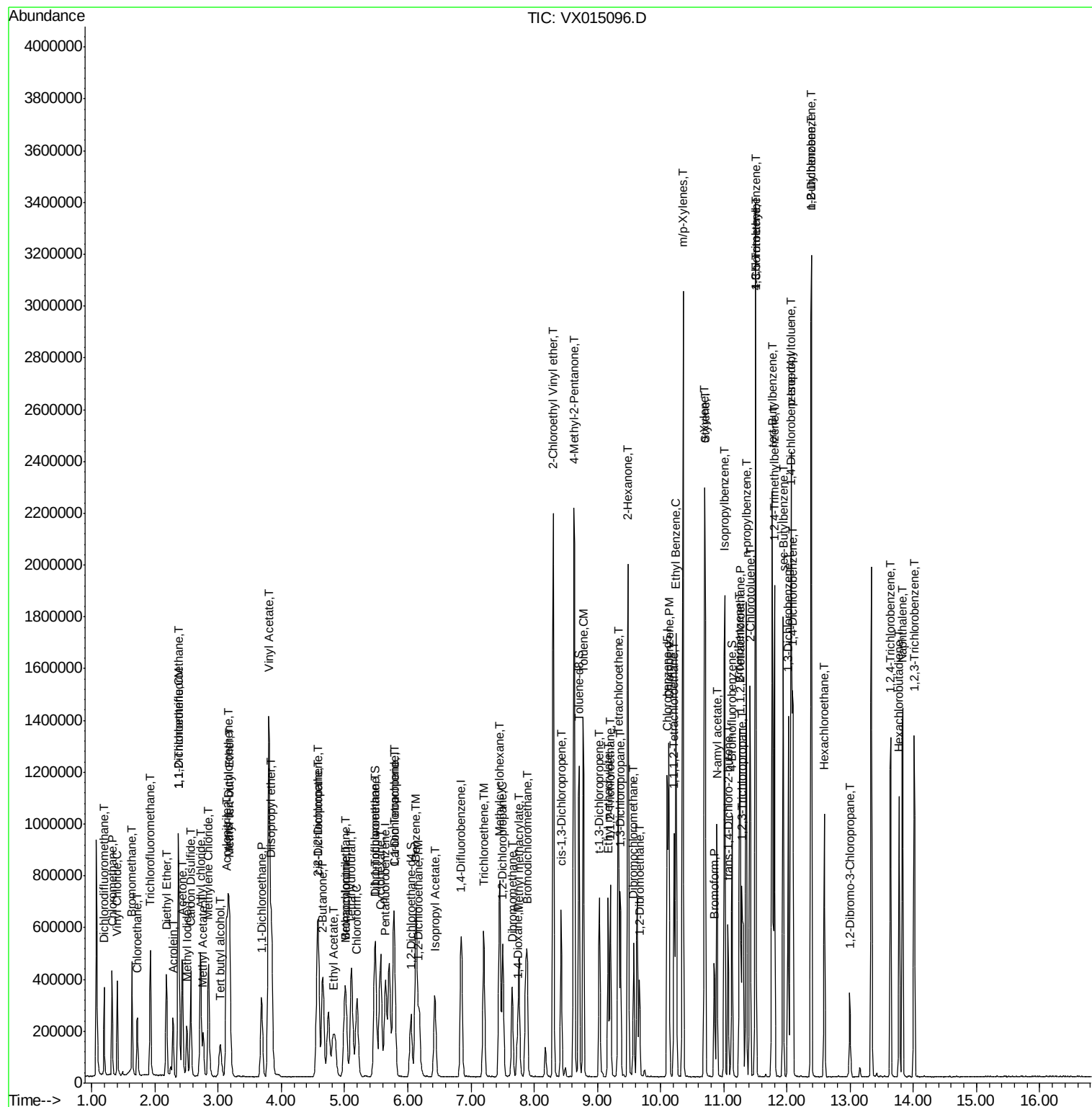
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	327227	54.032	ug/l	100
94) Hexachlorobutadiene	13.77	225	160158	51.535	ug/l	97
95) Naphthalene	13.83	128	900697	48.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	323503	53.538	ug/l	99

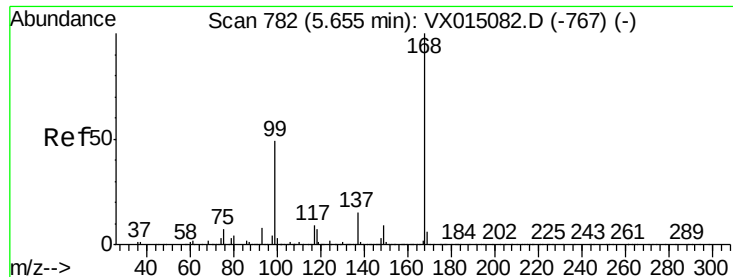
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

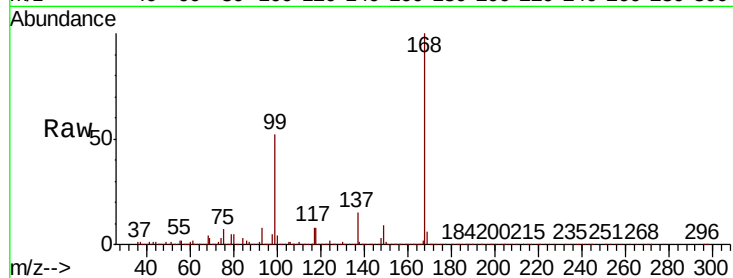
VSTDCCC050

Tot Ion:168 Resp: 384462

Ion Ratio Lower Upper

168 100

99 51.6 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

150000

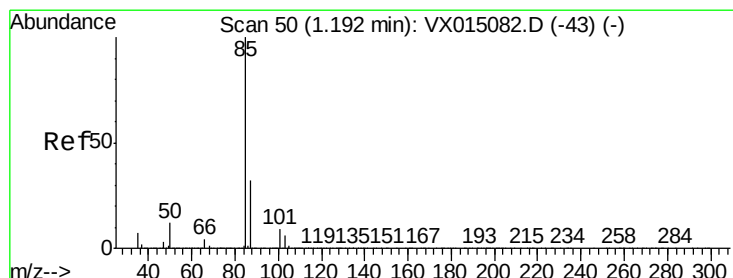
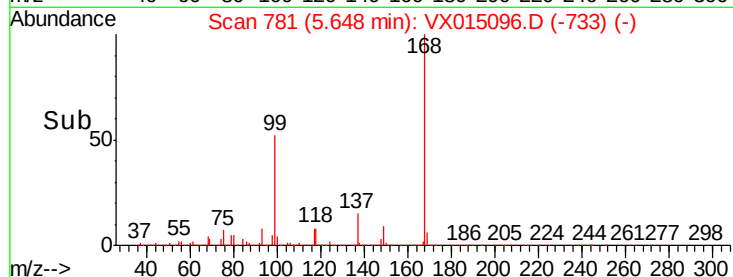
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.929 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015096.D

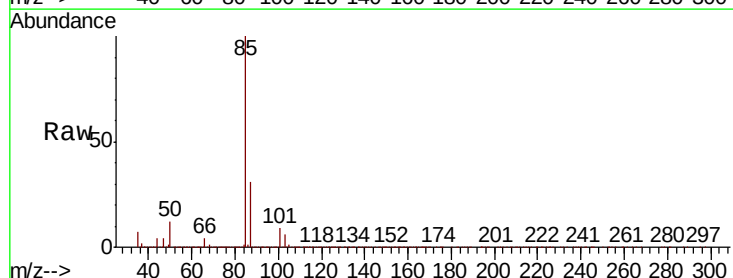
Acq: 05 Mar 2020 08:44

Tgt Ion: 85 Resp: 171458

Ion Ratio Lower Upper

85 100

87 31.4 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

200000

150000

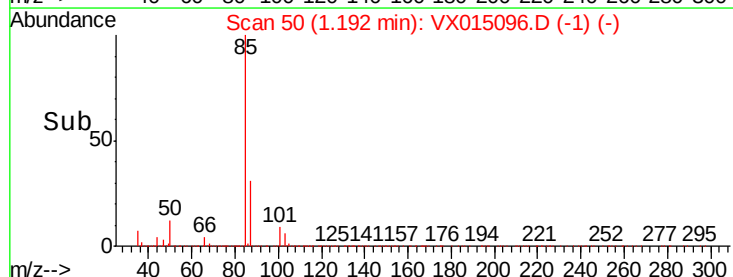
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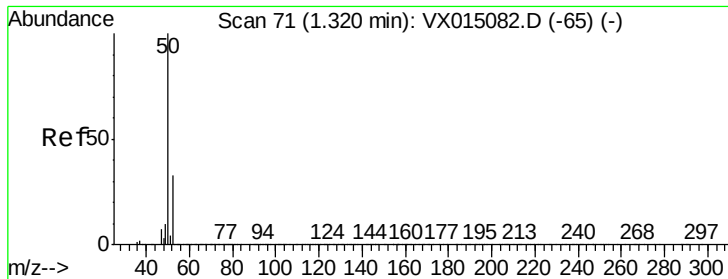
50000

0

1.10 1.20 1.30

Time-->

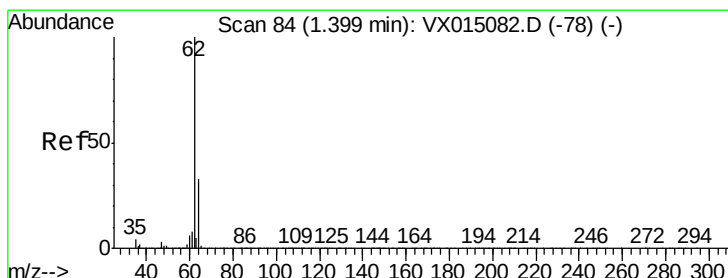
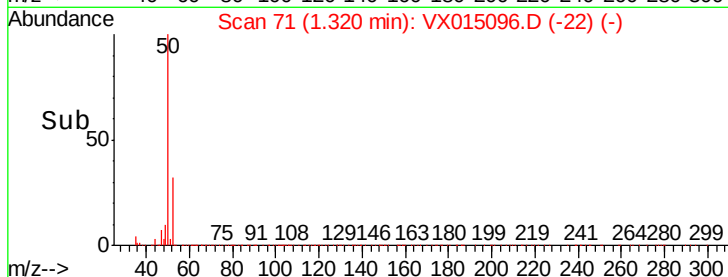
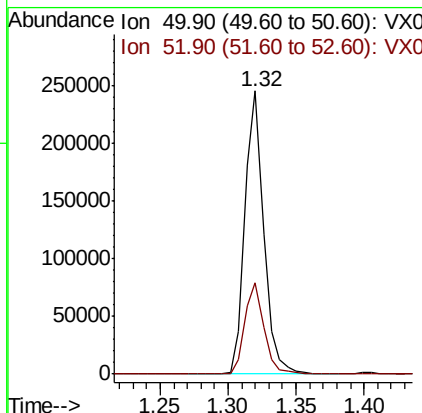
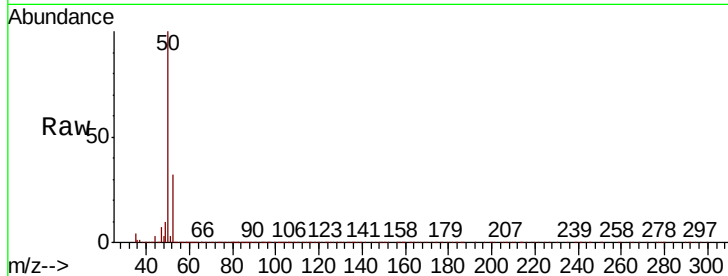




#3
Chloromethane
Concen: 49.742 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

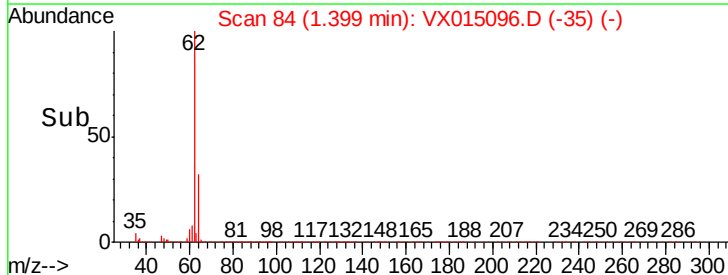
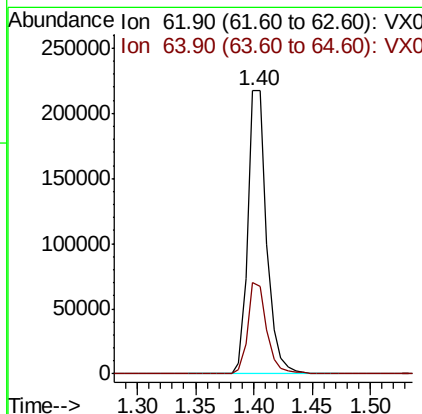
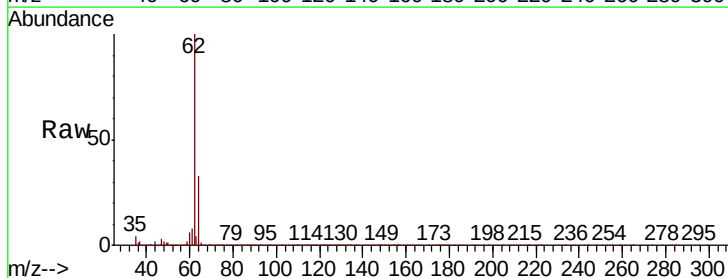
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

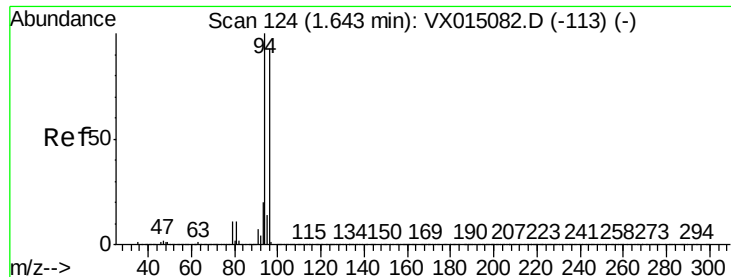
Tot Ion: 50 Resp: 237217
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 50.892 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 62 Resp: 246097
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1





#5

Bromomethane

Concen: 49.301 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

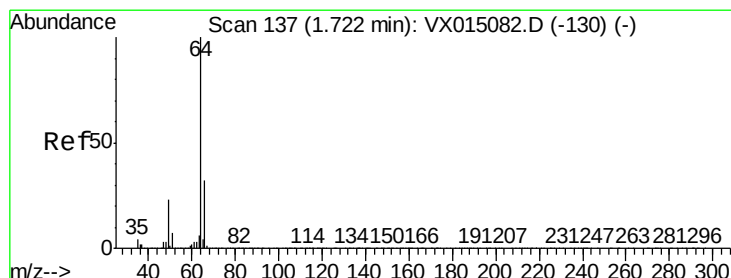
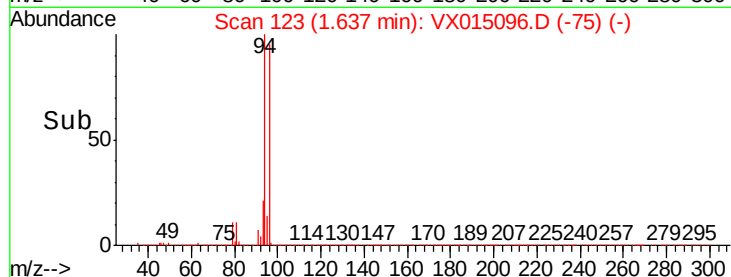
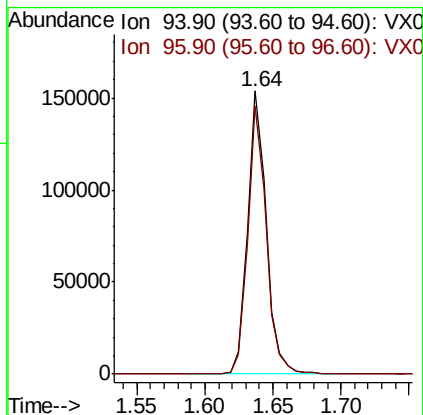
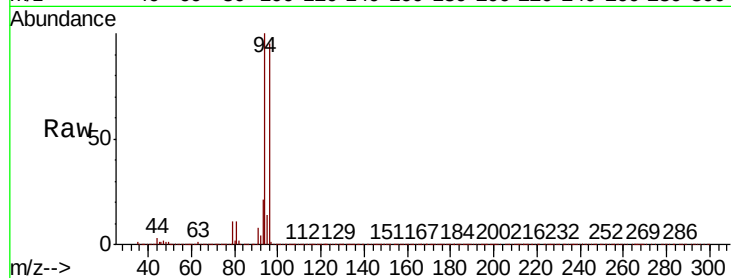
VSTDCCC050

Tot Ion: 94 Resp: 146567

Ion Ratio Lower Upper

94 100

96 94.4 74.6 111.8



#6

Chloroethane

Concen: 50.925 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015096.D

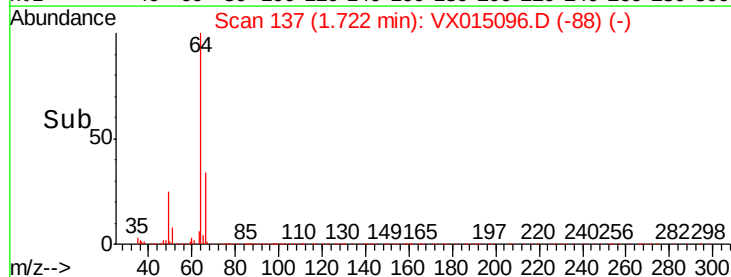
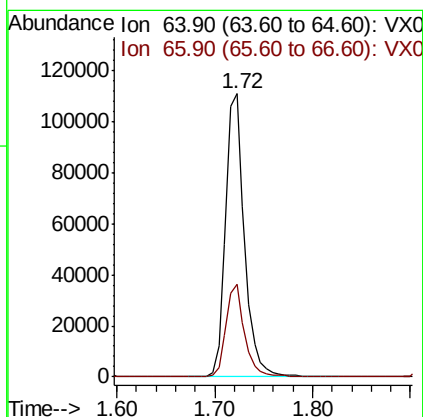
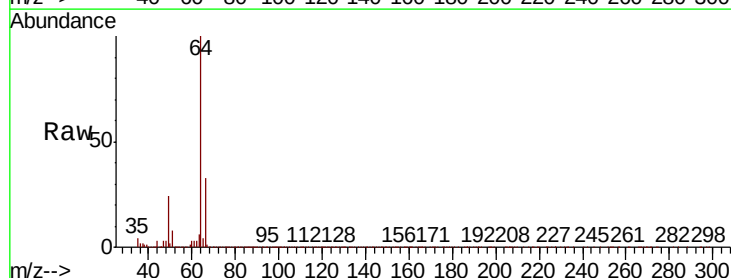
Acq: 05 Mar 2020 08:44

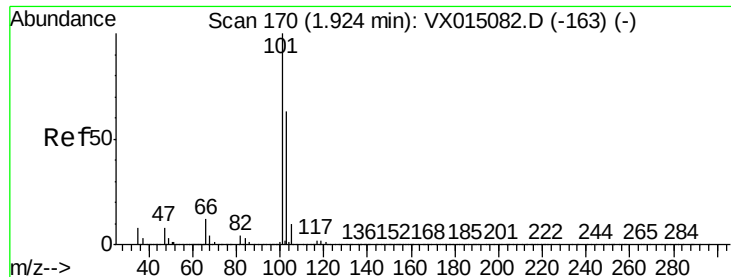
Tgt Ion: 64 Resp: 147720

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8



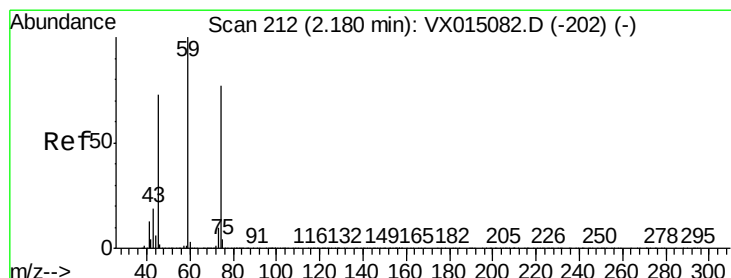
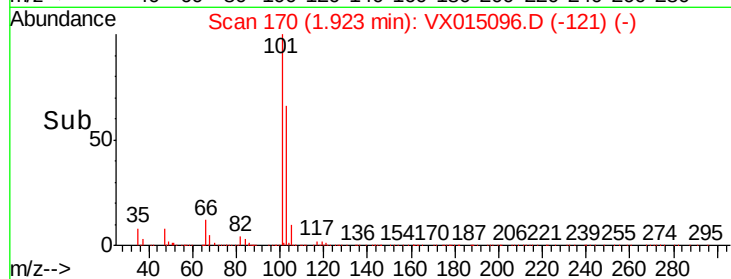
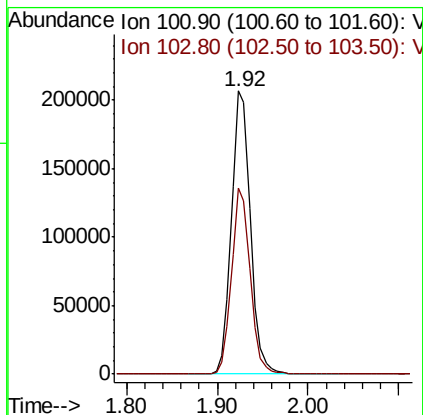
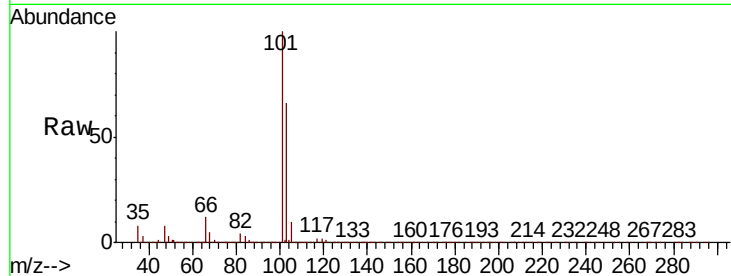


#7

Trichlorofluoromethane
Concen: 52.017 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

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VSTDCCC050

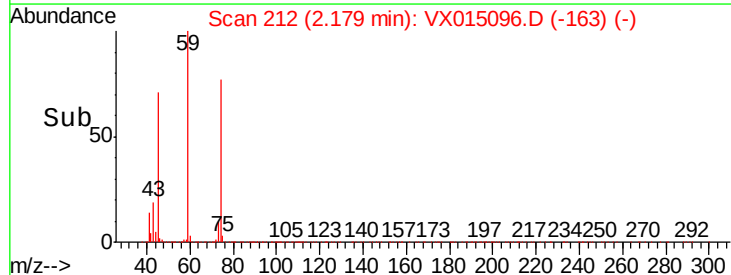
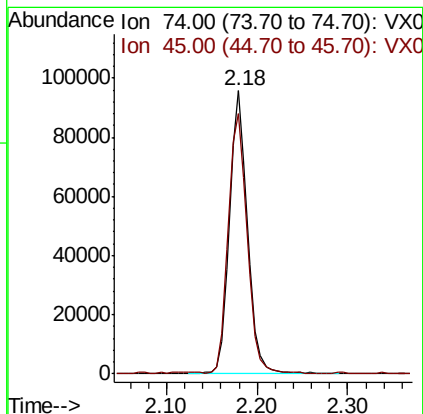
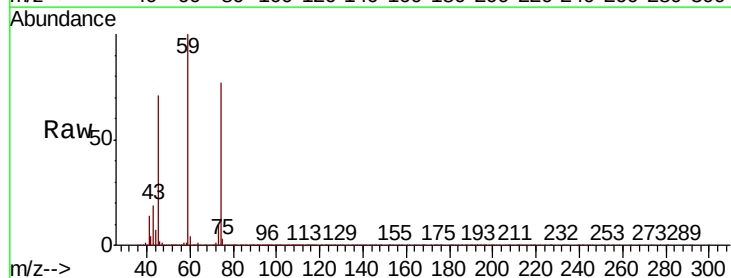
Tot Ion:101 Resp: 299300
Ion Ratio Lower Upper
101 100
103 65.5 50.4 75.6

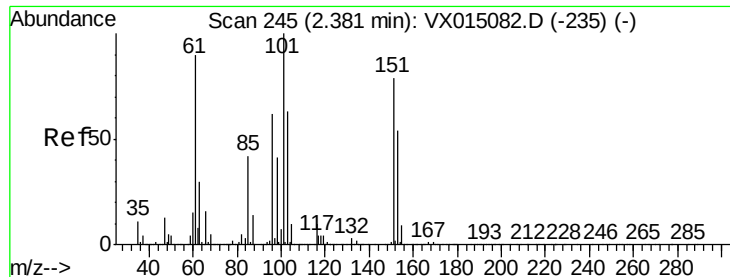


#8

Diethyl Ether
Concen: 50.198 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 74 Resp: 130823
Ion Ratio Lower Upper
74 100
45 96.6 49.2 147.6

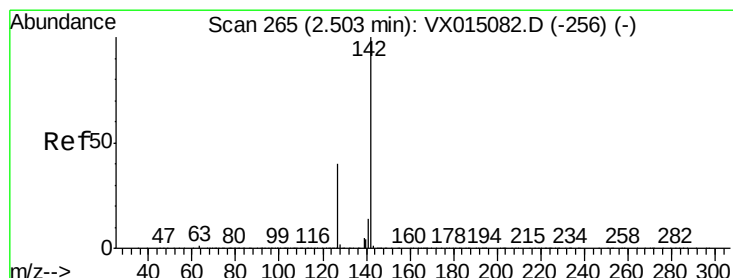
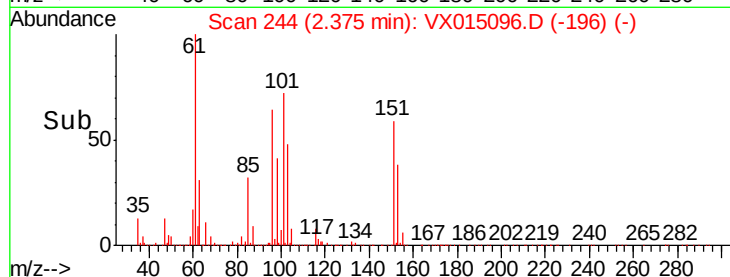
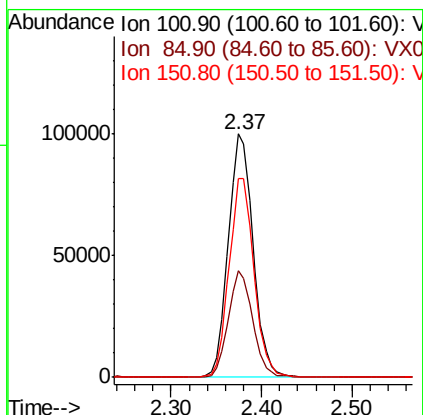
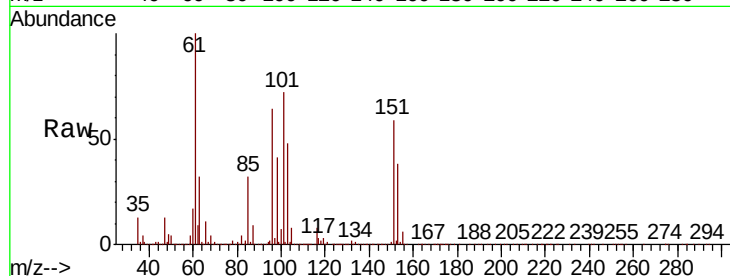




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.289 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. -0.01 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

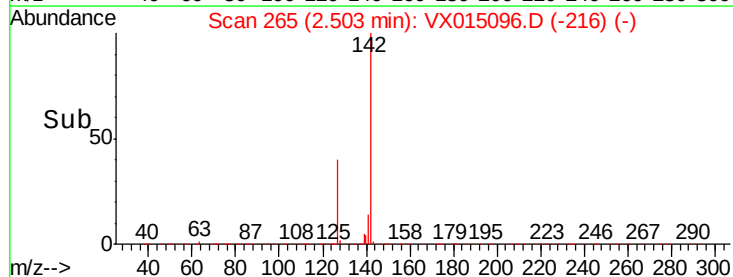
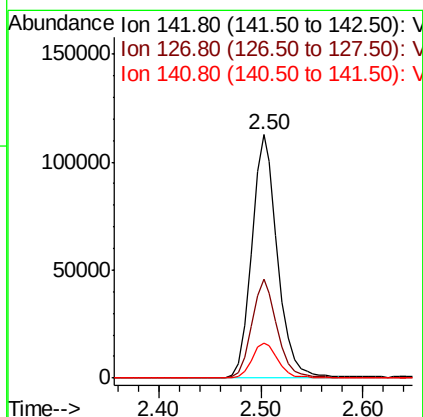
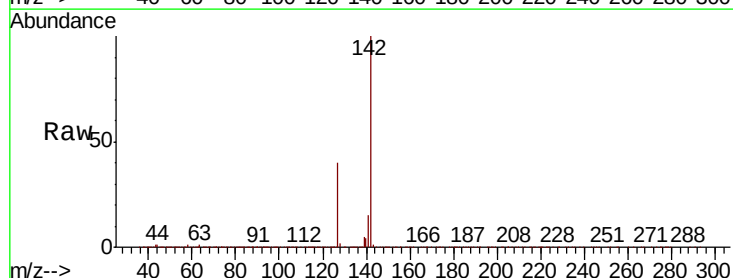
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

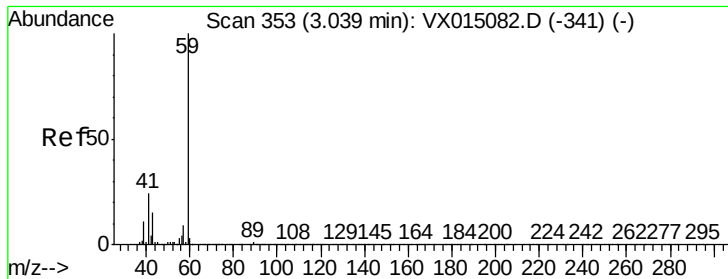
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.1	33.7	50.5
151	82.2	64.0	96.0



#10
 Methyl Iodide
 Concen: 48.233 ug/l
 RT: 2.50 min Scan# 265
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.6	31.7	47.5
141	14.9	11.3	16.9

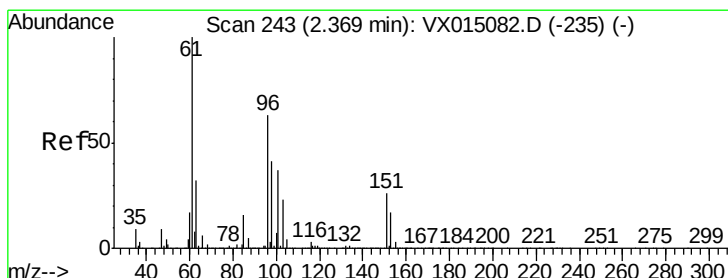
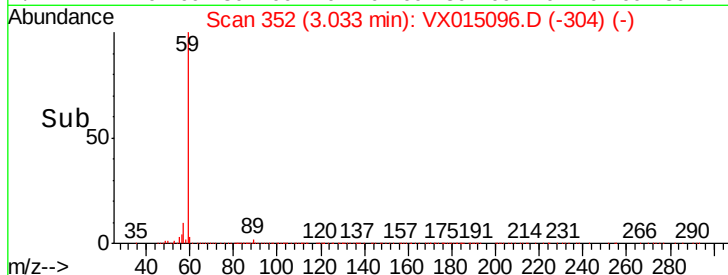
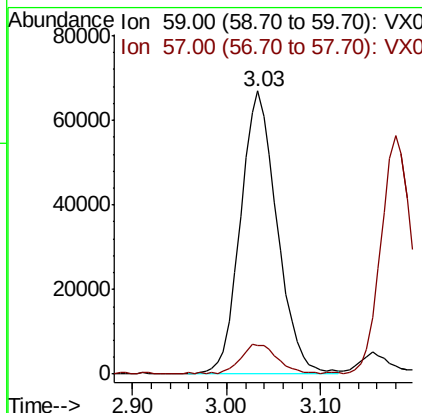
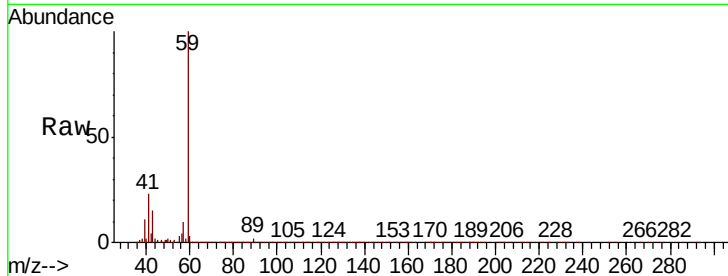




#11
Tert butyl alcohol
Concen: 228.421 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

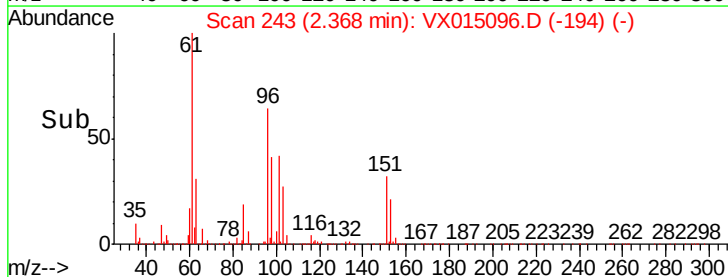
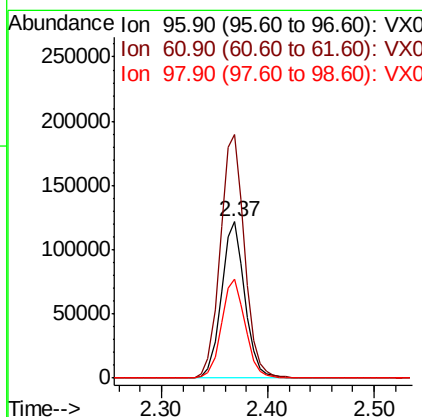
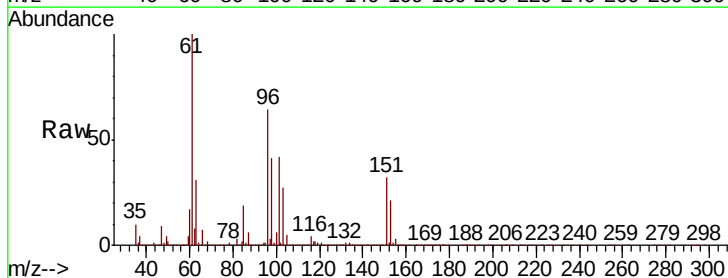
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

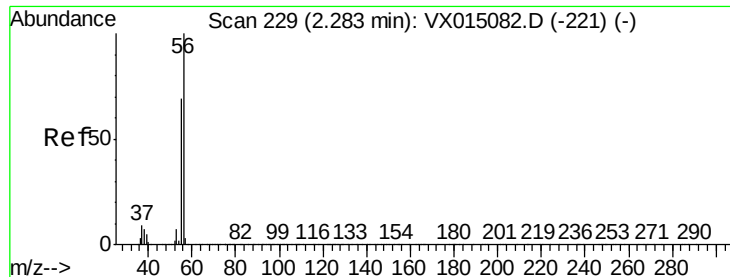
Tot Ion: 59 Resp: 180762
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.648 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 96 Resp: 185491
Ion Ratio Lower Upper
96 100
61 156.1 126.2 189.4
98 63.5 51.4 77.0





#13

Acrolein

Concen: 213.618 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

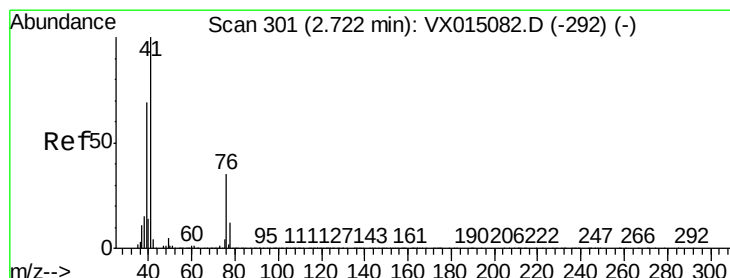
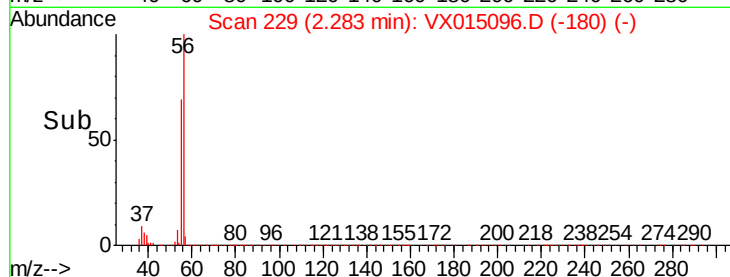
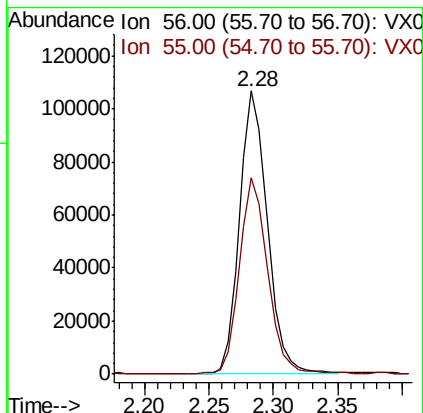
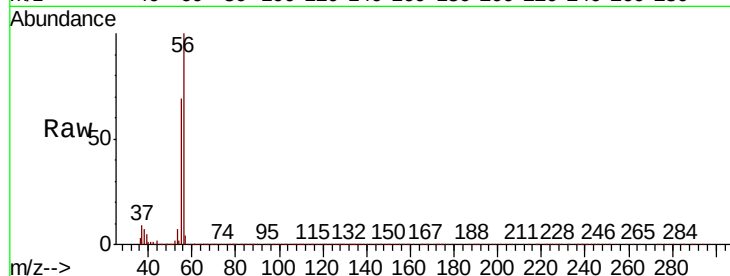
VSTDCCC050

Tot Ion: 56 Resp: 158865

Ion Ratio Lower Upper

56 100

55 70.5 55.4 83.0



#14

Allyl chloride

Concen: 48.426 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

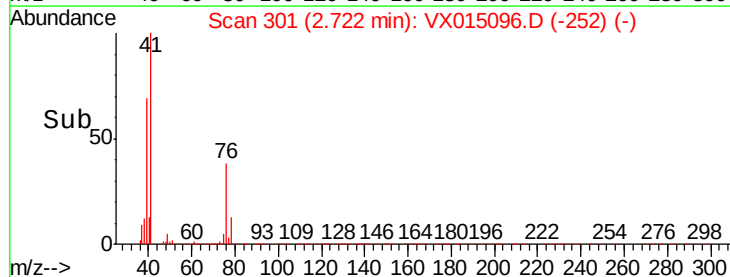
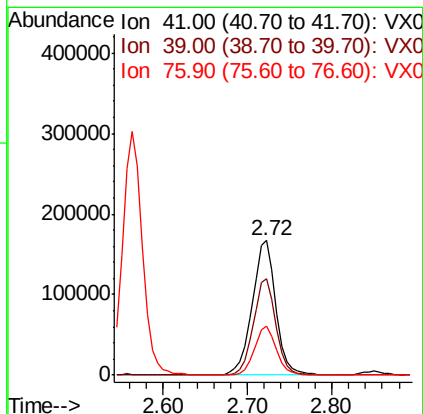
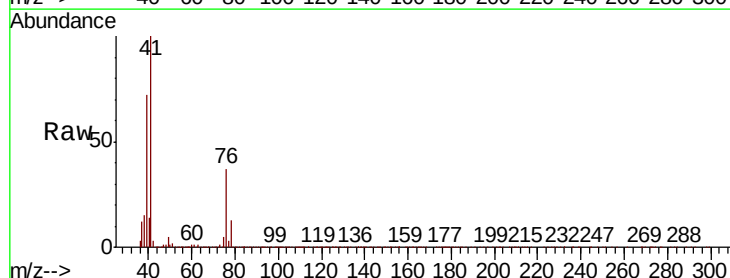
Tgt Ion: 41 Resp: 315471

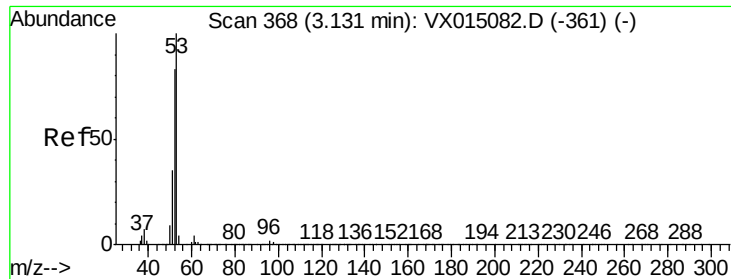
Ion Ratio Lower Upper

41 100

39 67.7 52.9 79.3

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 230.641 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

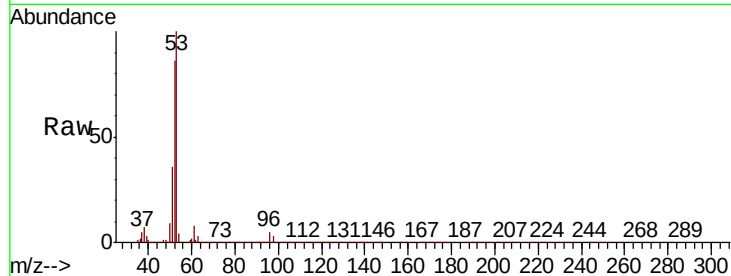
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 454546

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	36.2	29.0	43.6

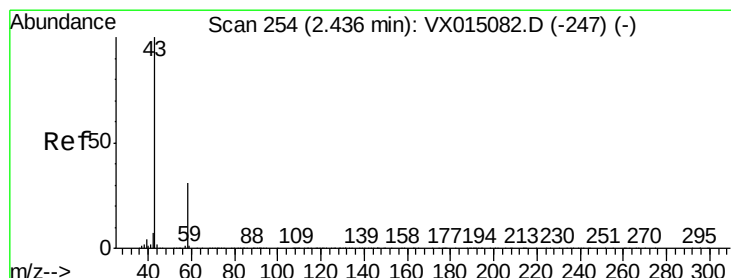
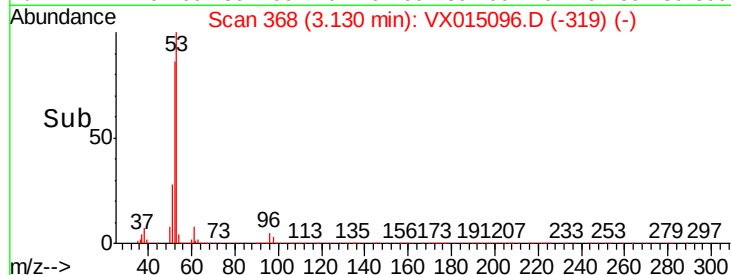
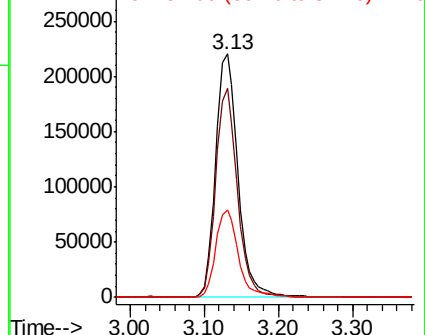


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 264.254 ug/l

RT: 2.43 min Scan# 253

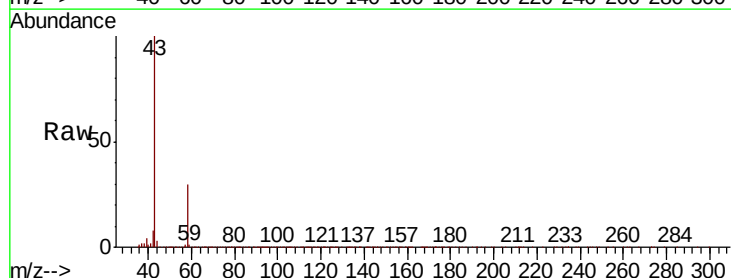
Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion: 43 Resp: 488124

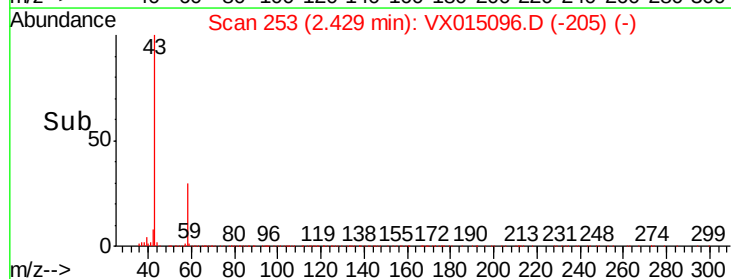
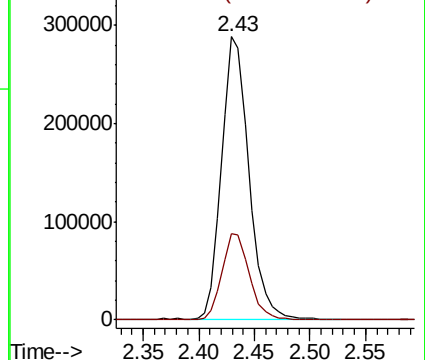
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.8	37.2

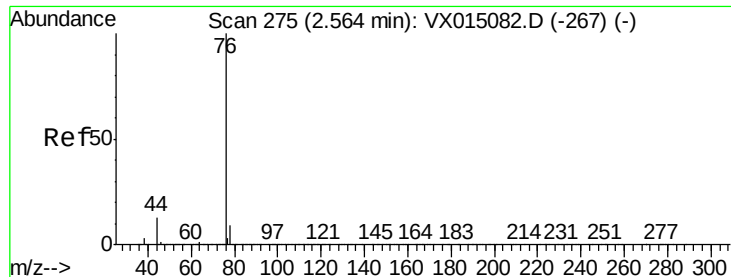


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.434 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

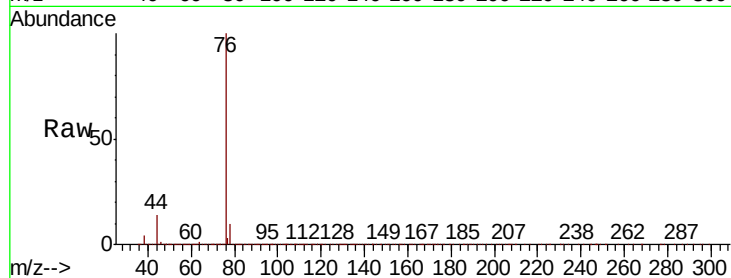
VSTDCCC050

Tot Ion: 76 Resp: 492150

Ion Ratio Lower Upper

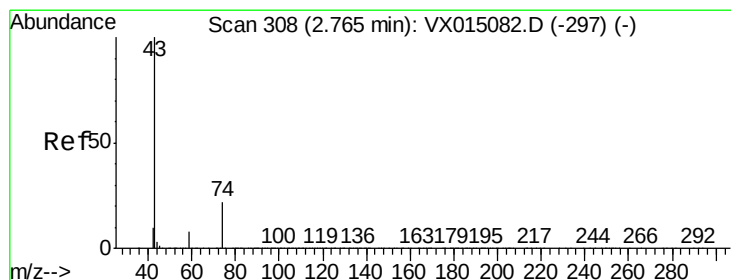
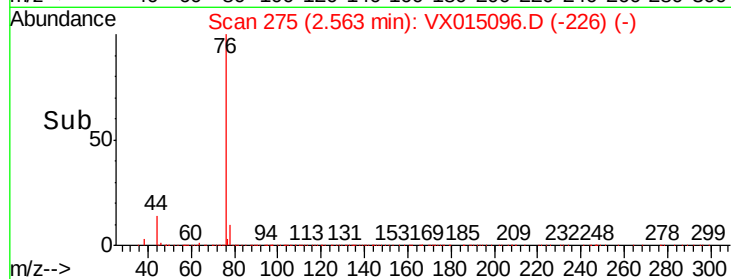
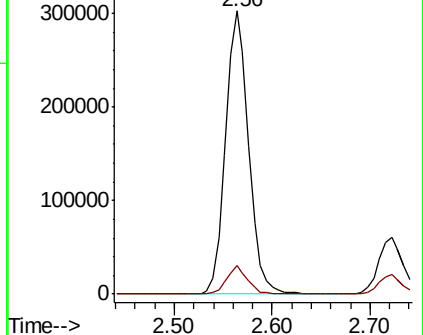
76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.636 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015096.D

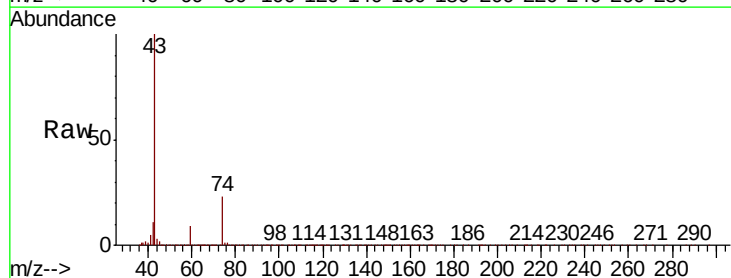
Acq: 05 Mar 2020 08:44

Tgt Ion: 43 Resp: 197092

Ion Ratio Lower Upper

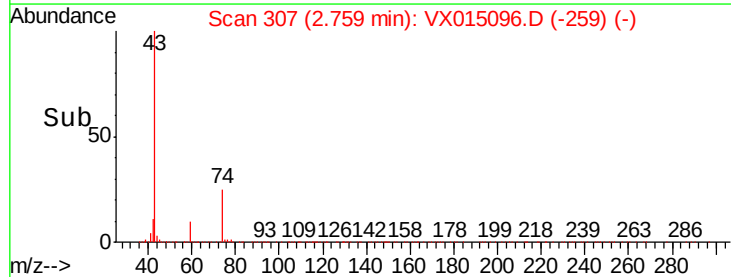
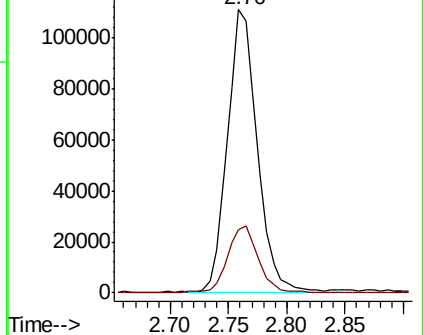
43 100

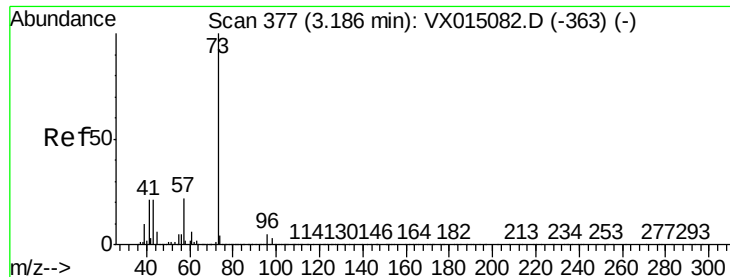
74 24.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



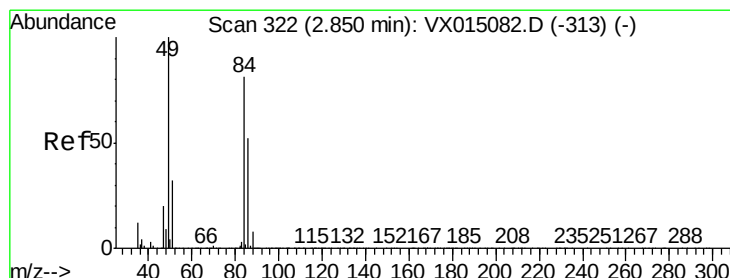
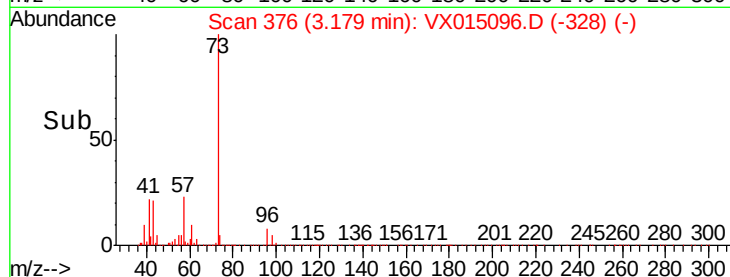
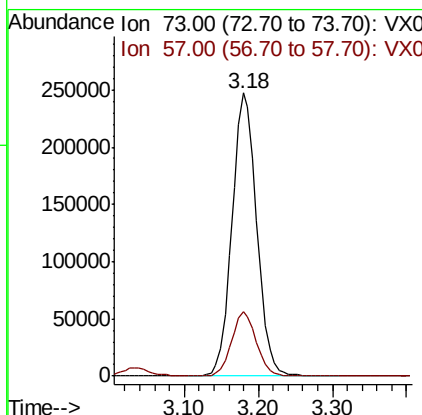
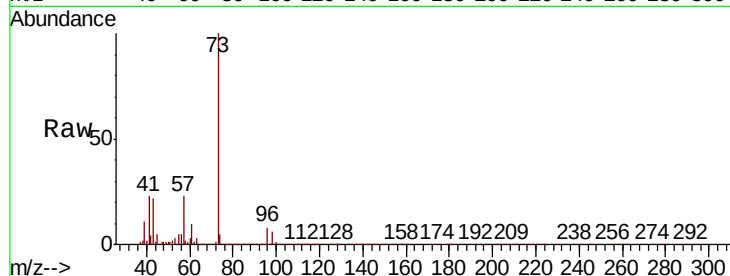


#19

Methyl tert-butyl Ether
 Concen: 49.029 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

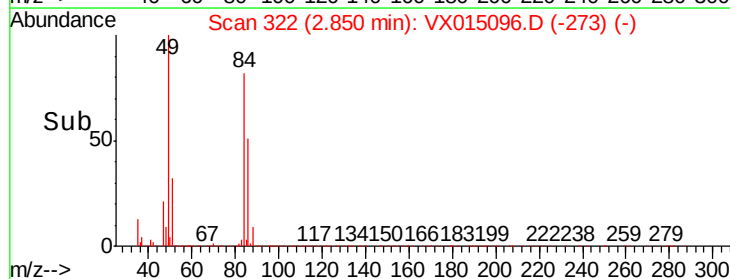
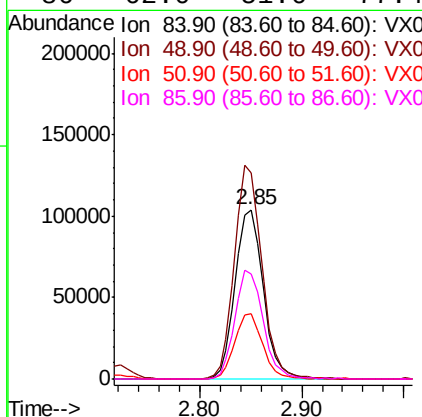
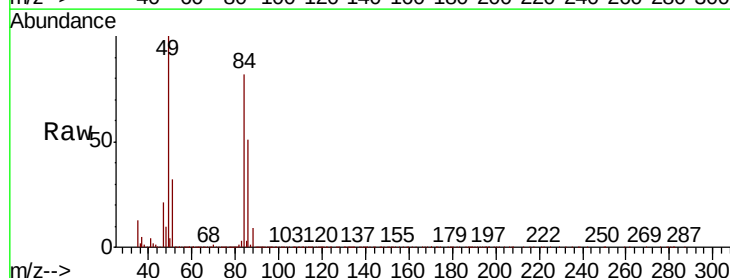
Tot Ion: 73 Resp: 572415
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.8 26.6

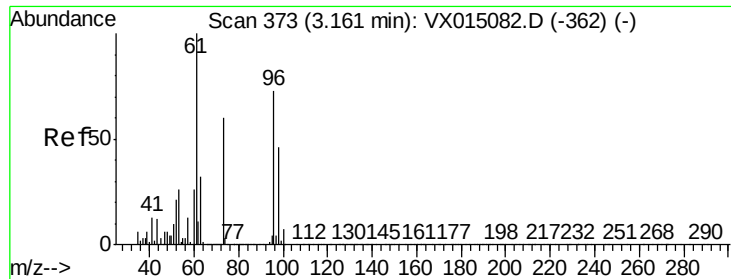


#20

Methylene Chloride
 Concen: 45.743 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion: 84 Resp: 197744
 Ion Ratio Lower Upper
 84 100
 49 121.6 99.4 149.2
 51 38.4 31.5 47.3
 86 62.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.302 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

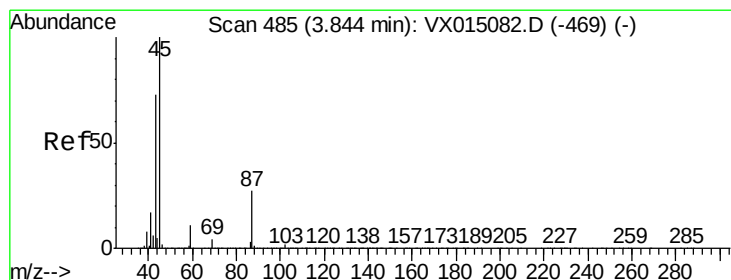
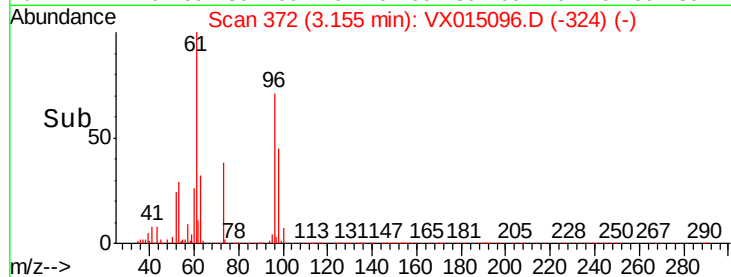
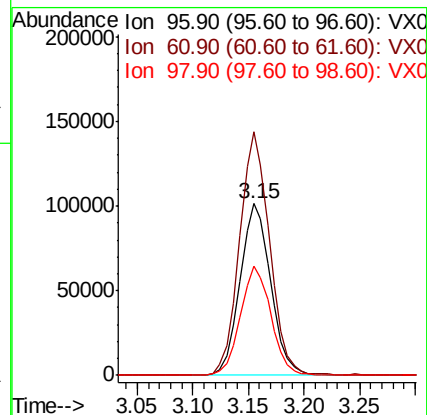
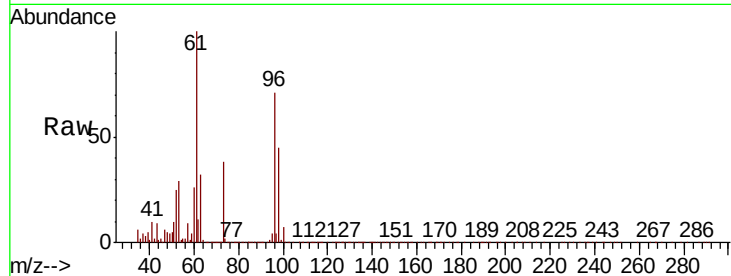
Tot Ion: 96 Resp: 192690

Ion Ratio Lower Upper

96 100

61 141.8 109.9 164.9

98 63.3 50.2 75.2



#22

Diisopropyl ether

Concen: 50.050 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion: 45 Resp: 649593

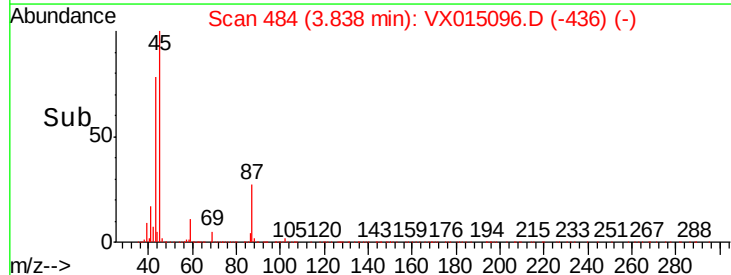
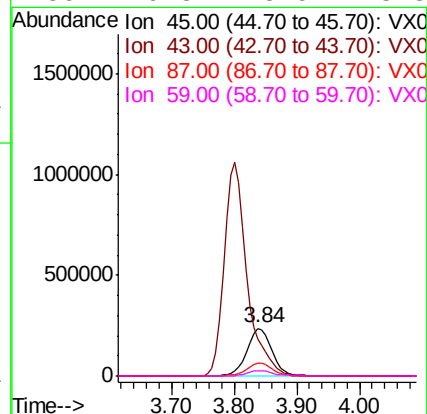
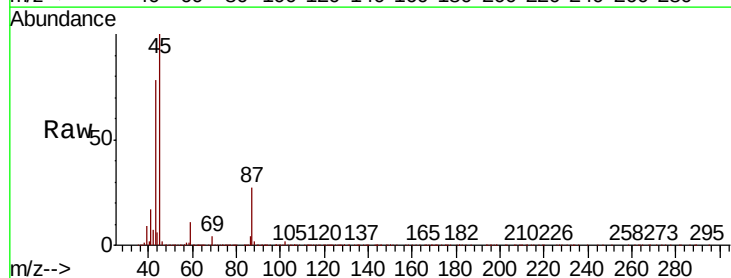
Ion Ratio Lower Upper

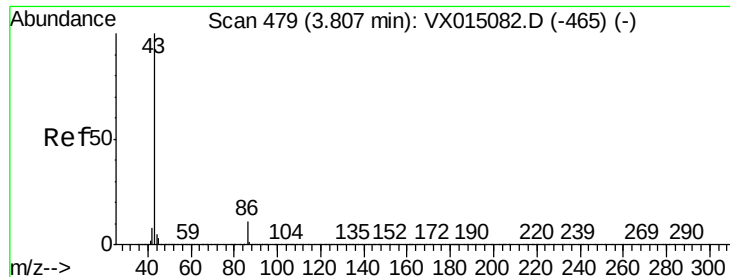
45 100

43 78.1 58.2 87.2

87 26.7 21.2 31.8

59 10.8 8.9 13.3





#23

Vinyl Acetate

Concen: 252.006 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

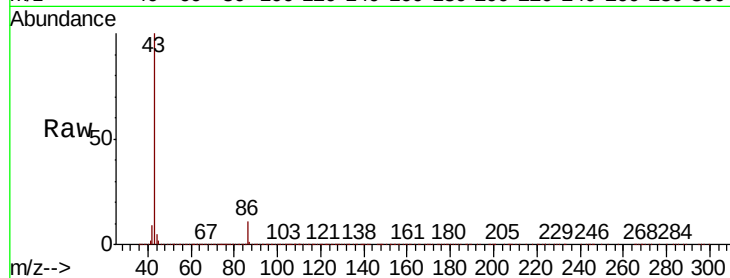
VSTDCCC050

Tot Ion: 43 Resp: 2688619

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

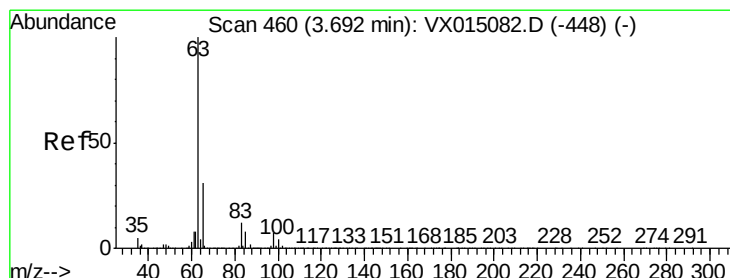
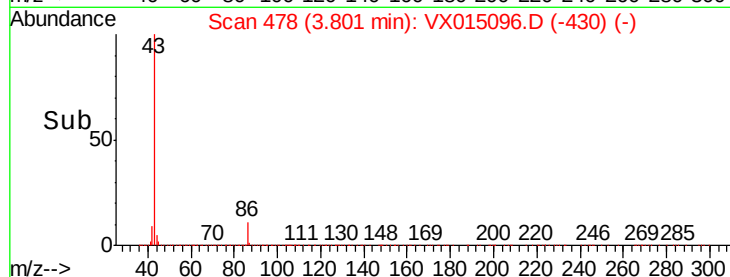
400000

200000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.730 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

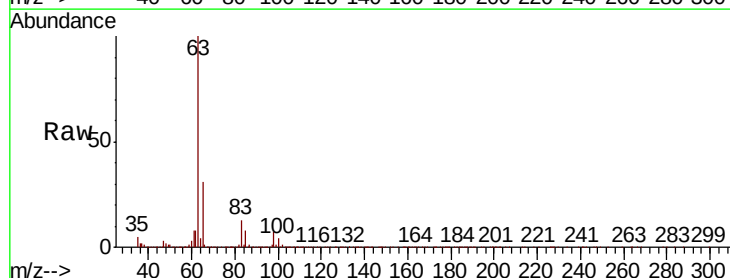
Tgt Ion: 63 Resp: 343816

Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

100 4.3 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

200000

150000

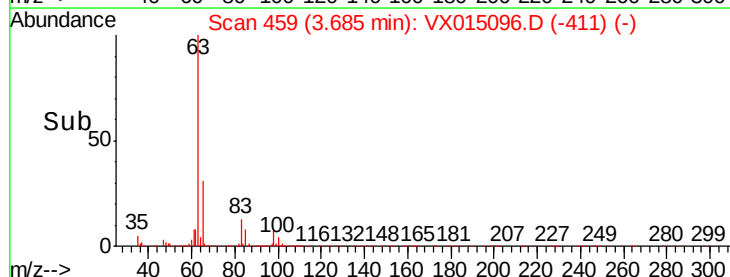
100000

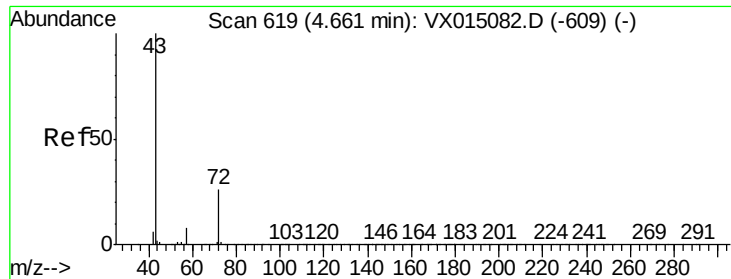
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 253.080 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

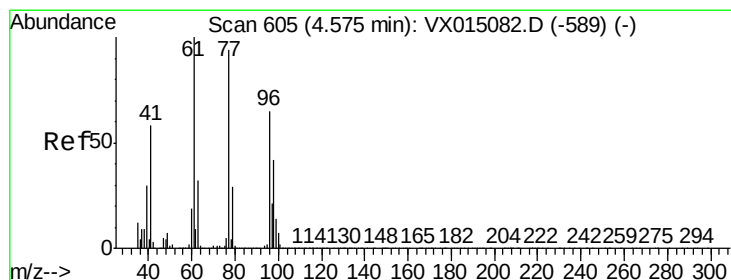
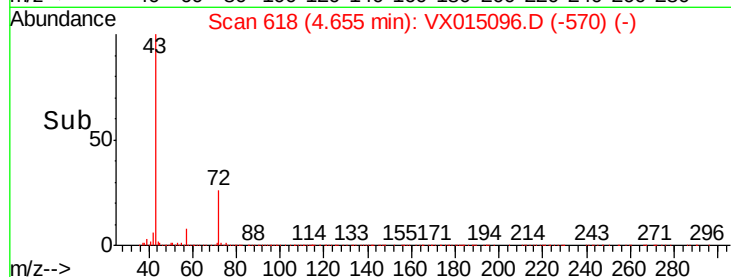
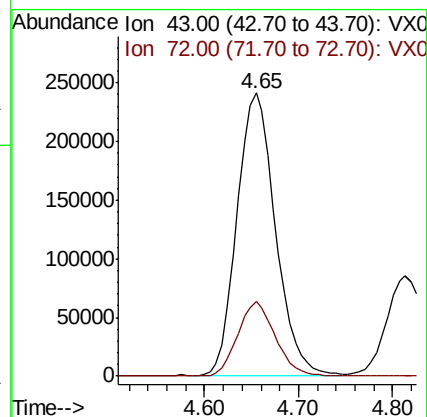
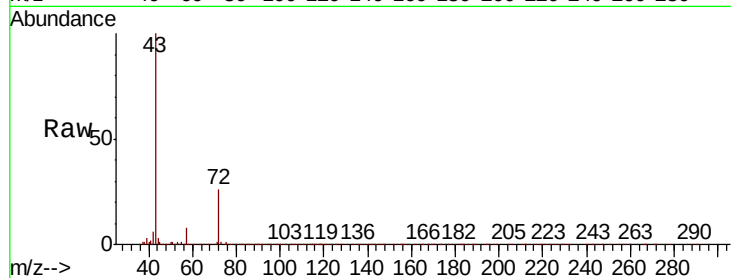
VSTDCCC050

Tot Ion: 43 Resp: 684396

Ion Ratio Lower Upper

43 100

72 26.1 20.6 30.8



#26

2,2-Dichloropropane

Concen: 49.595 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015096.D

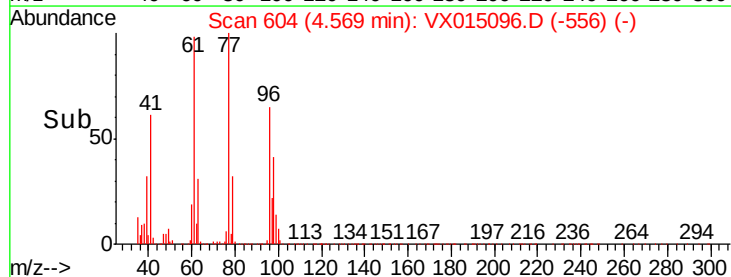
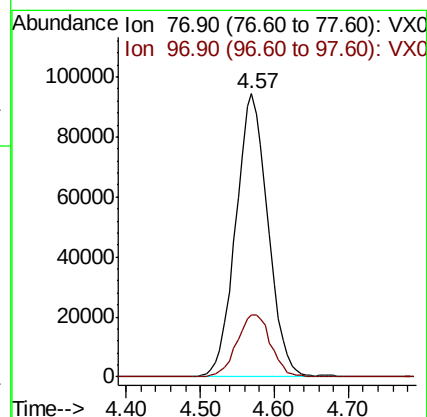
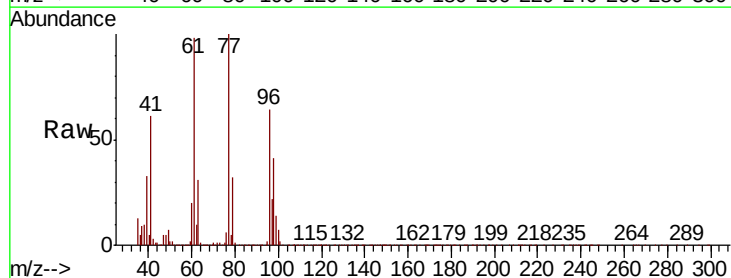
Acq: 05 Mar 2020 08:44

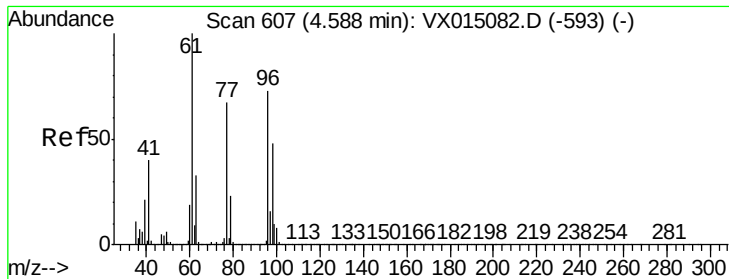
Tgt Ion: 77 Resp: 283606

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4



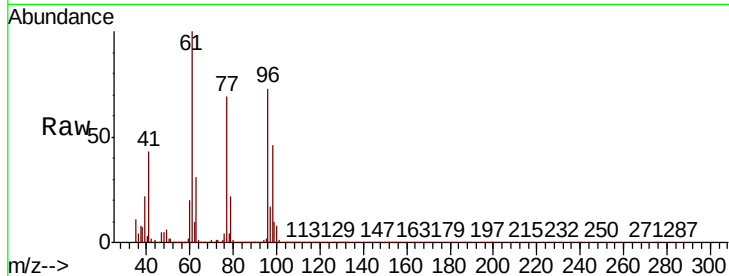


#27

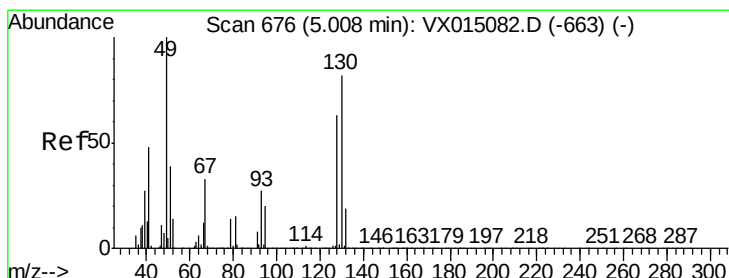
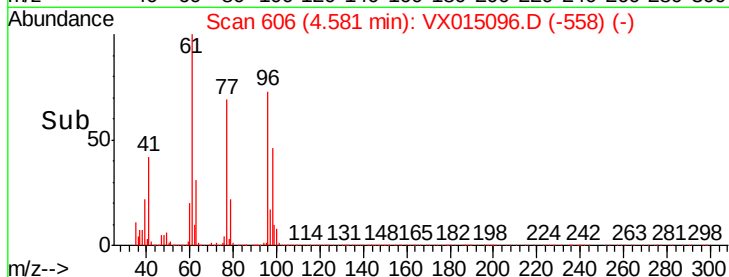
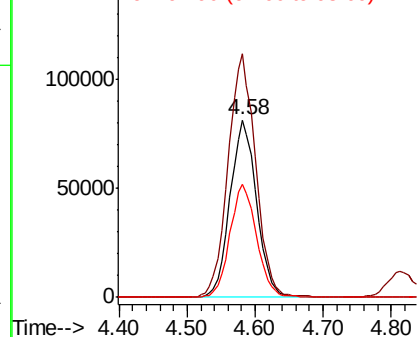
cis-1,2-Dichloroethene
Concen: 49.174 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	286.8
98	64.0	0.0	128.4



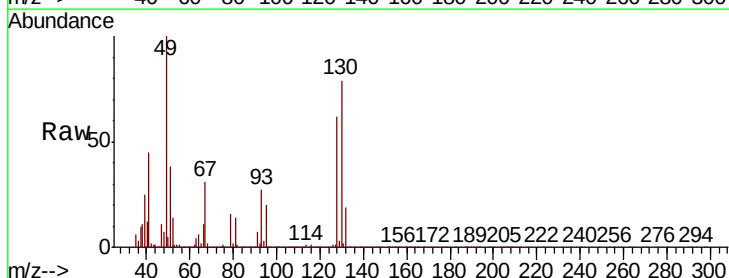
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



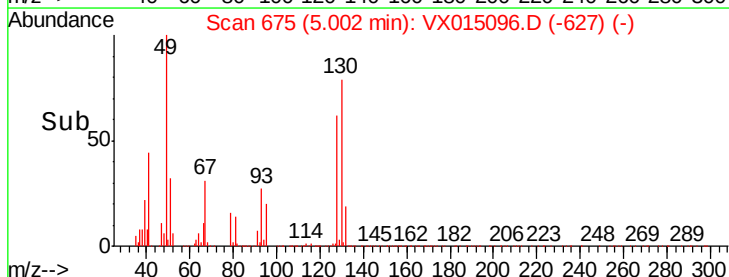
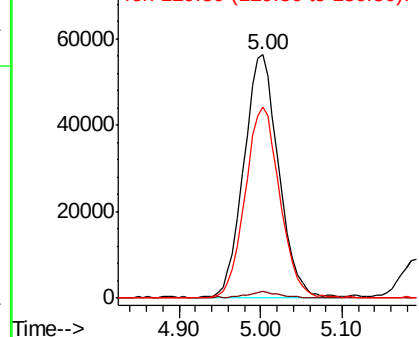
#28

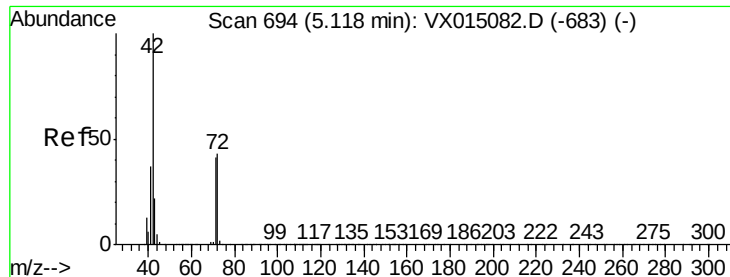
Bromochloromethane
Concen: 51.188 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	77.4	65.0	97.6



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

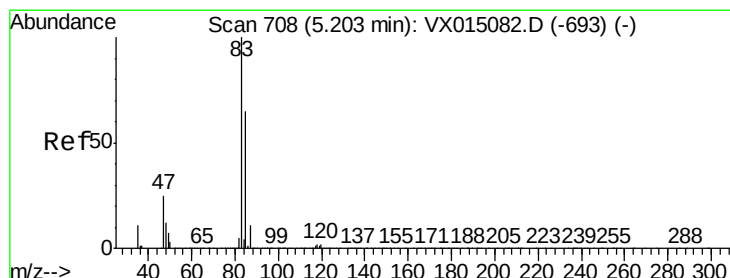
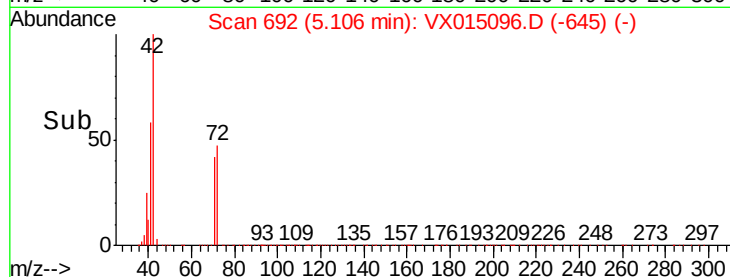
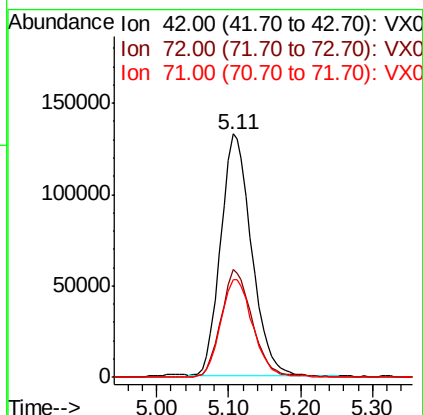
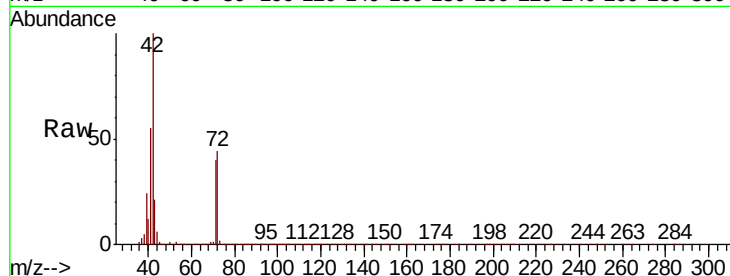




#29
Tetrahydrofuran
Concen: 227.288 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

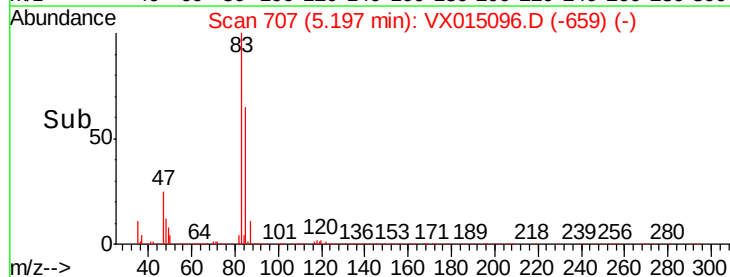
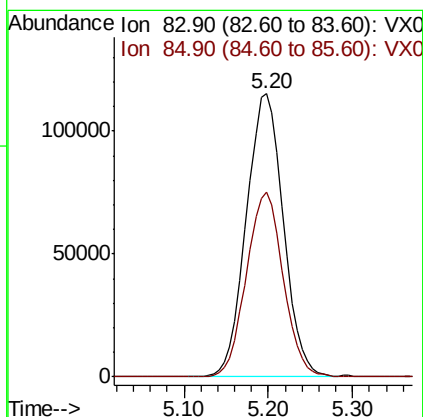
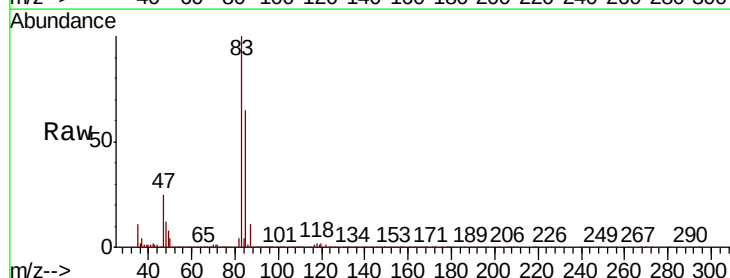
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

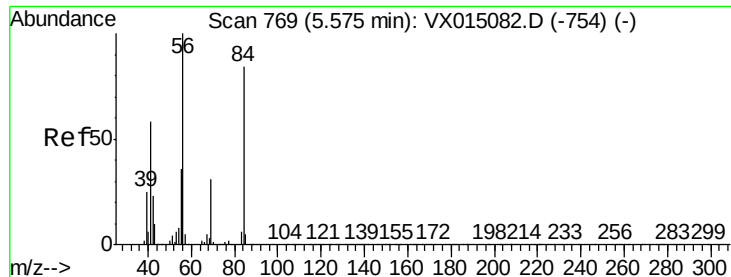
Tot Ion: 42 Resp: 396209
Ion Ratio Lower Upper
42 100
72 44.9 36.4 54.6
71 41.7 33.3 49.9



#30
Chloroform
Concen: 49.213 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 83 Resp: 345522
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0

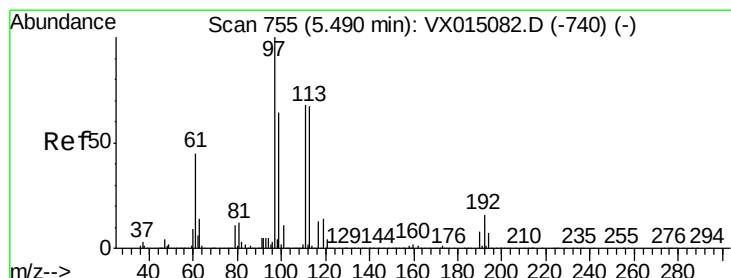
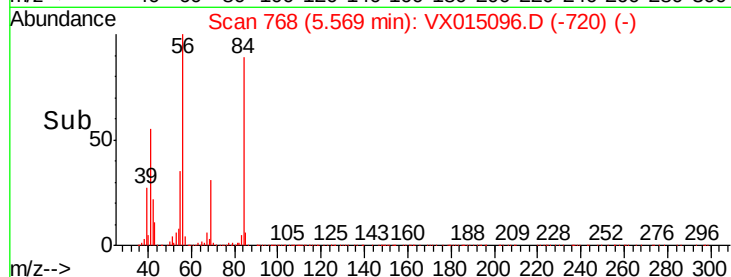
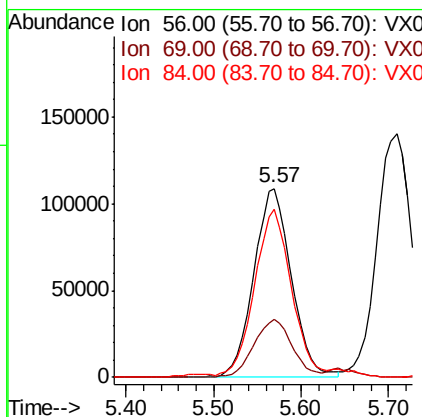
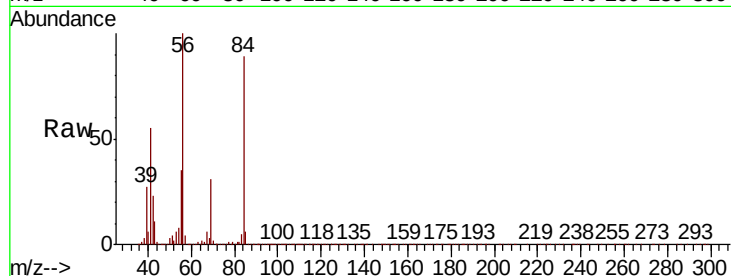




#31
Cyclohexane
Concen: 50.586 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

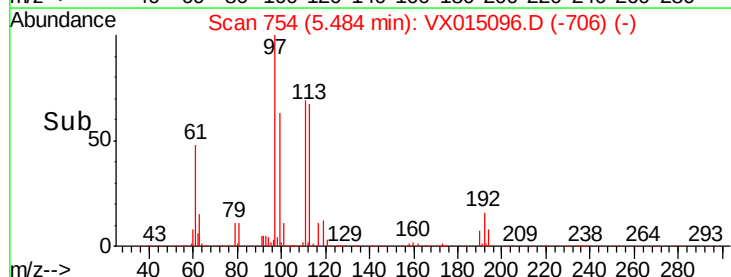
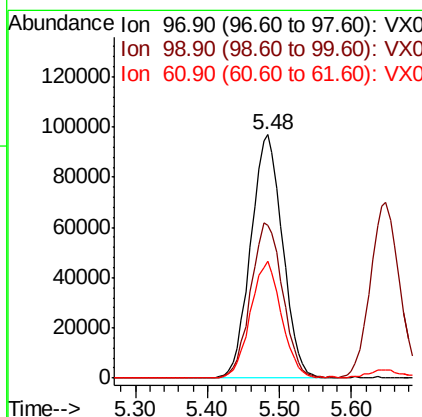
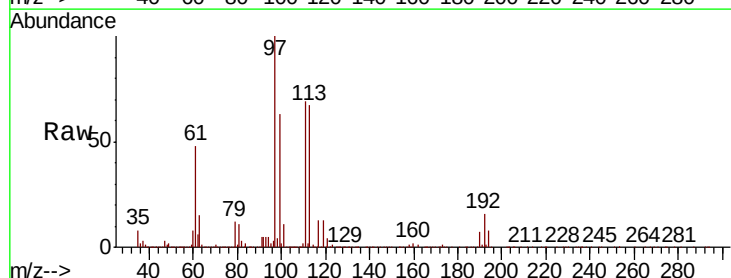
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

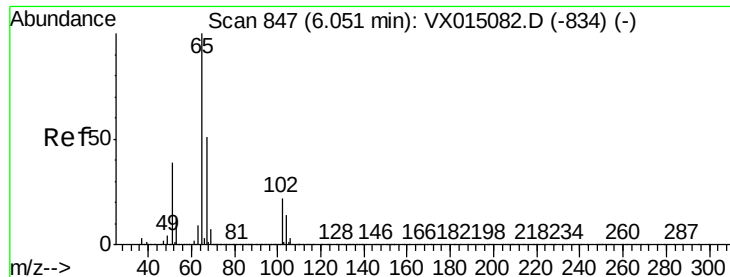
Tot Ion: 56 Resp: 325025
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.6
84 87.7 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 51.002 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 97 Resp: 296827
Ion Ratio Lower Upper
97 100
99 64.2 52.8 79.2
61 46.5 36.6 54.8

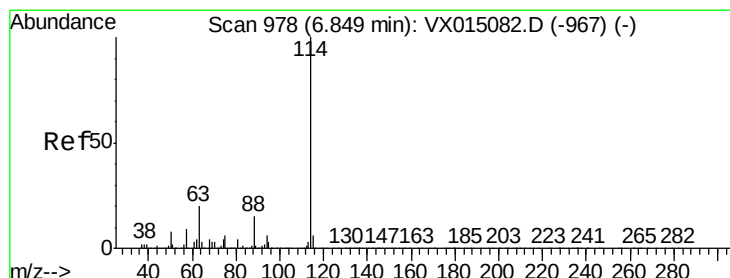
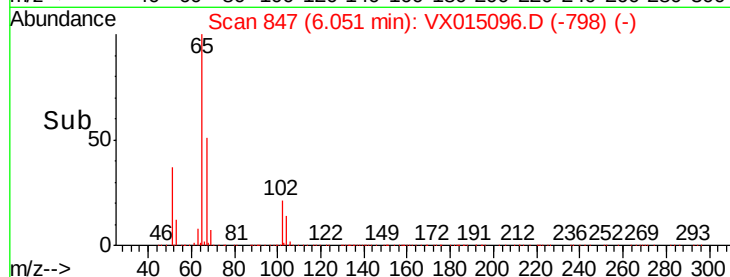
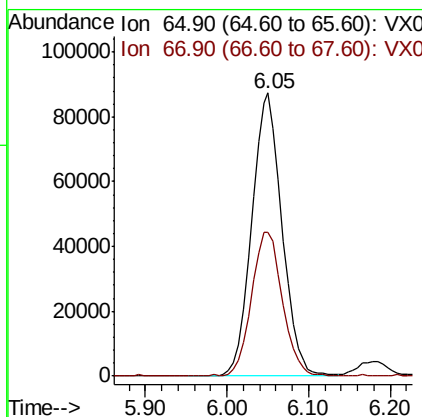
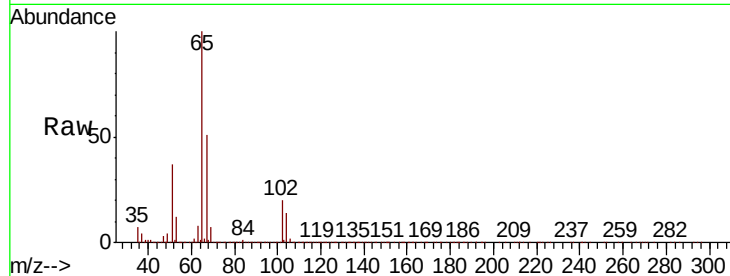




#33
 1,2-Dichloroethane-d4
 Concen: 49.187 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

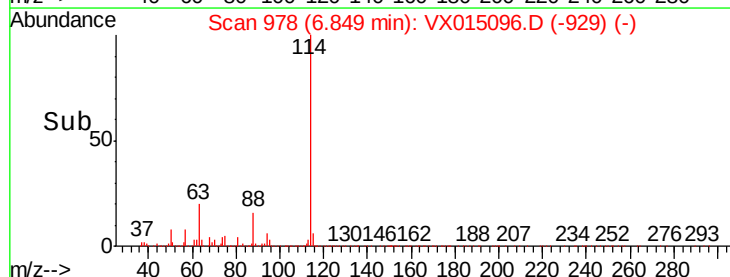
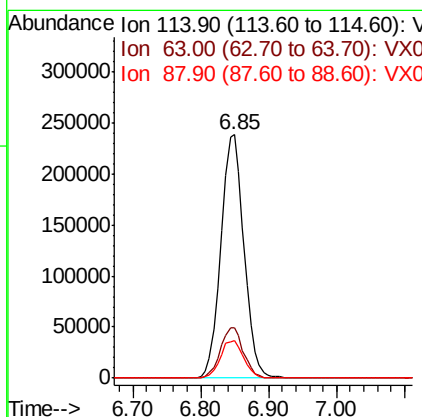
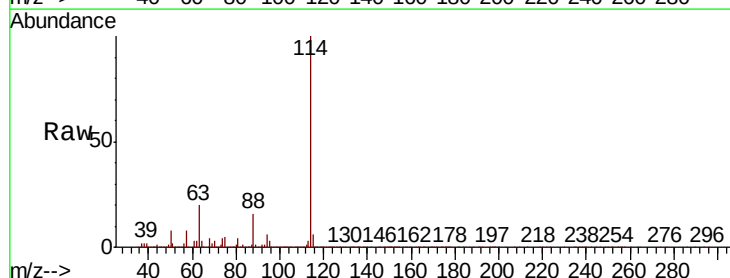
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

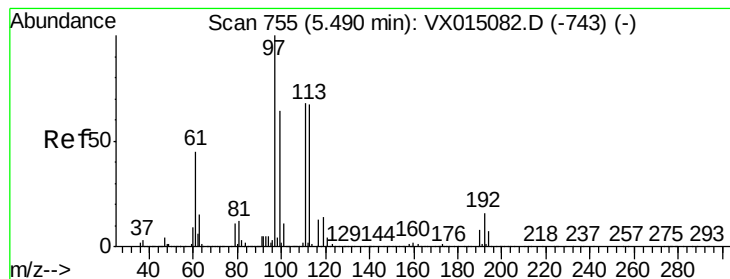
Tot Ion: 65 Resp: 224351
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion: 114 Resp: 560117
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.629 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

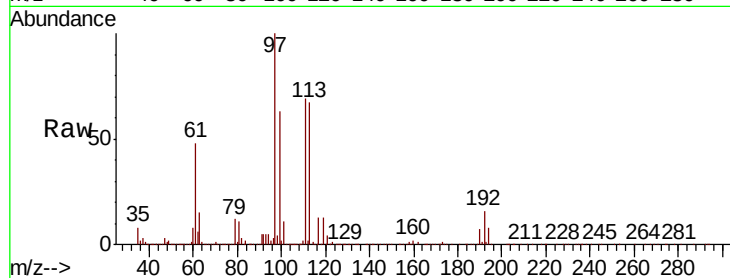
Tot Ion:113 Resp: 182437

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

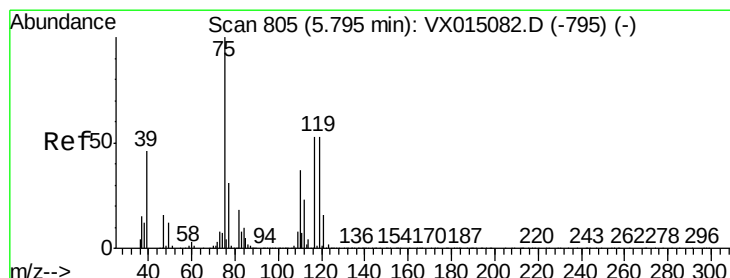
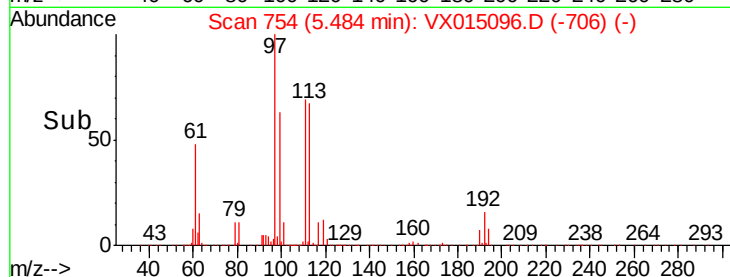
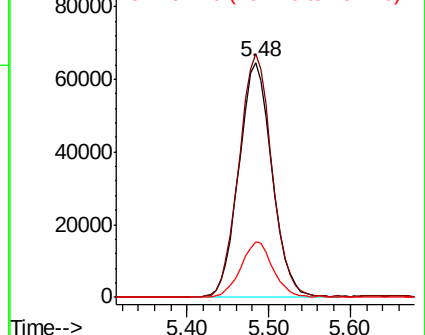
192 23.2 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.465 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

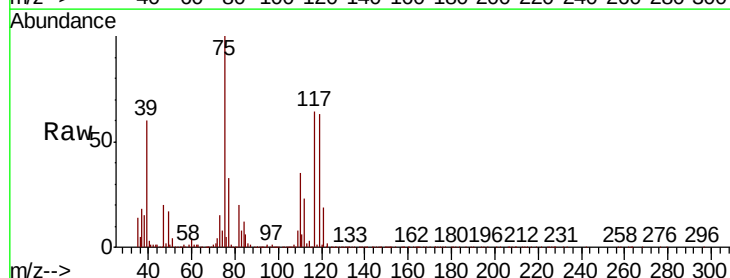
Tgt Ion: 75 Resp: 266489

Ion Ratio Lower Upper

75 100

110 36.5 17.9 53.8

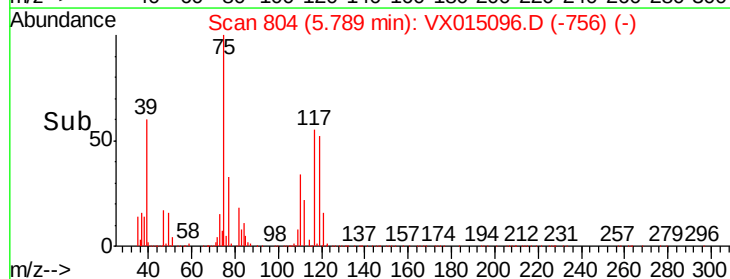
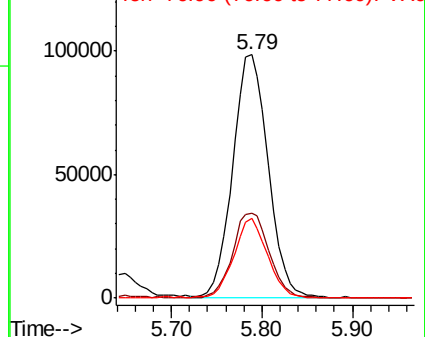
77 31.1 24.8 37.2

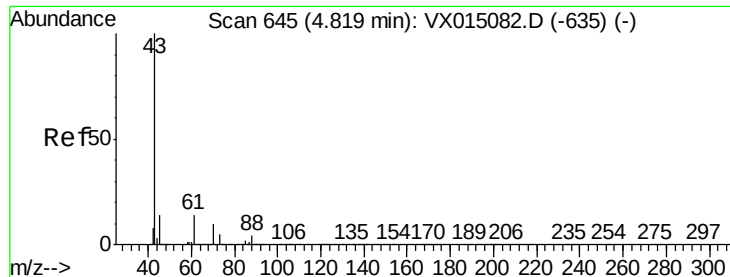


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

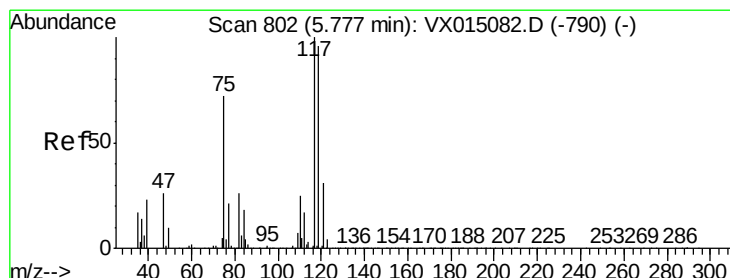
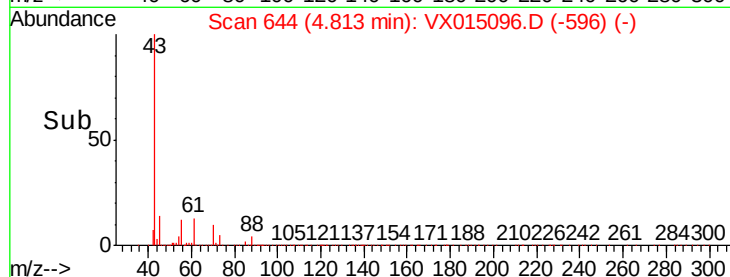
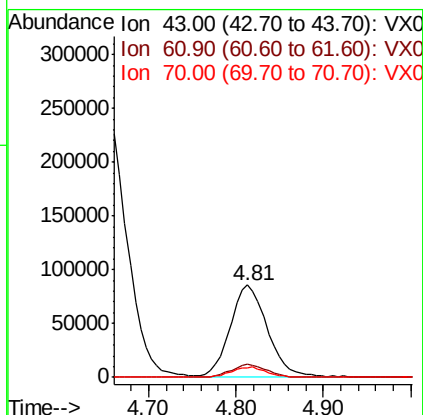
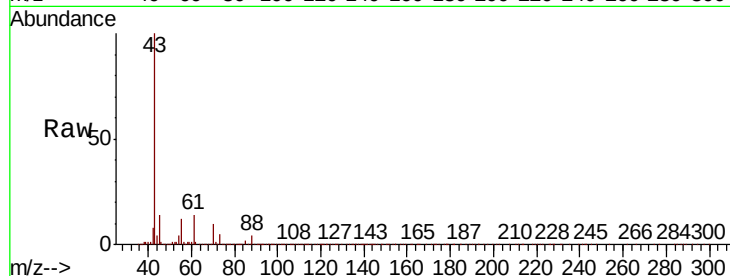




#37
Ethyl Acetate
Concen: 51.762 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

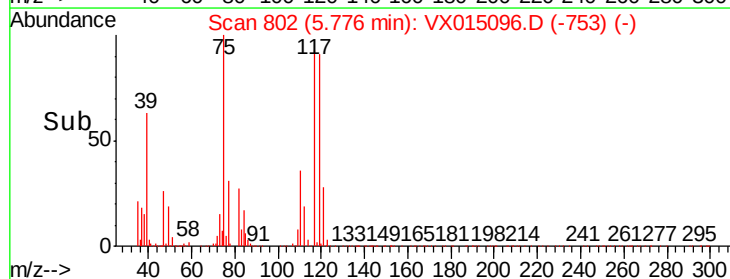
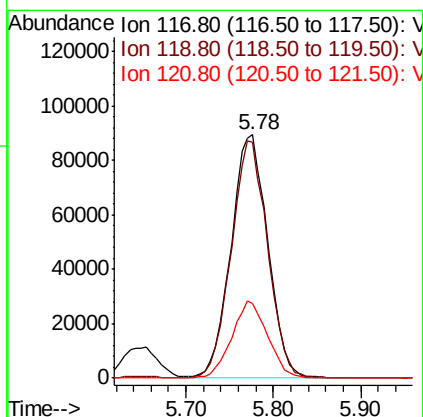
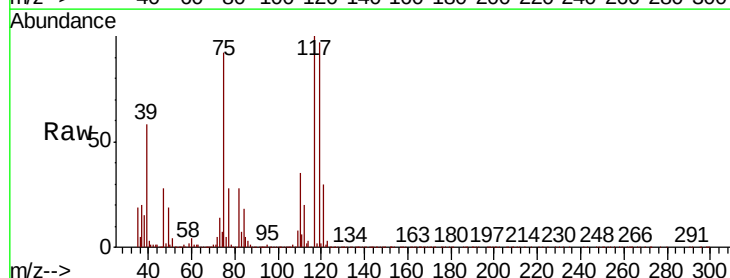
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

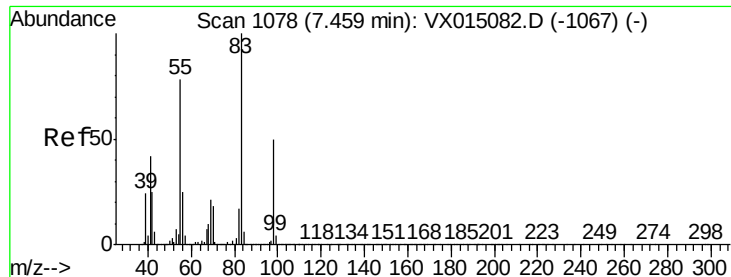
Tot Ion: 43 Resp: 248621
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 53.269 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 117 Resp: 260359
Ion Ratio Lower Upper
117 100
119 97.1 76.9 115.3
121 30.3 24.6 37.0

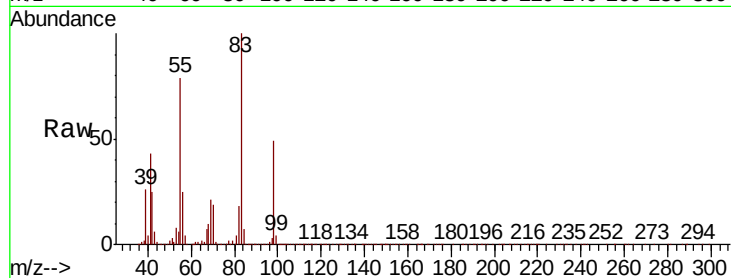




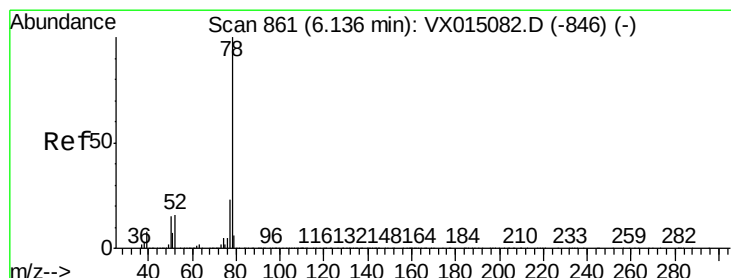
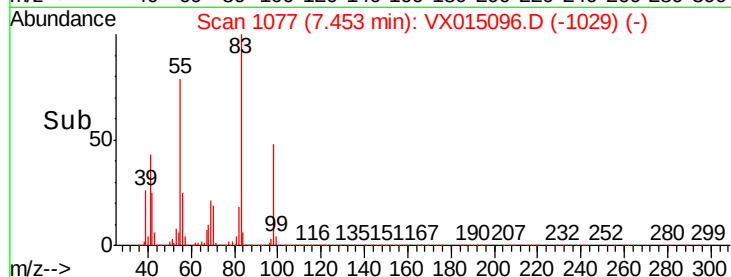
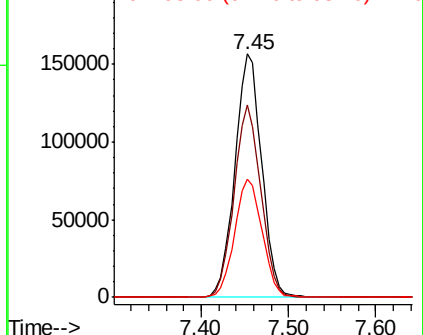
#39
Methylvlcyclohexane
Concen: 55.138 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 333381
Ion Ratio Lower Upper
83 100
55 79.1 62.4 93.6
98 48.5 39.7 59.5

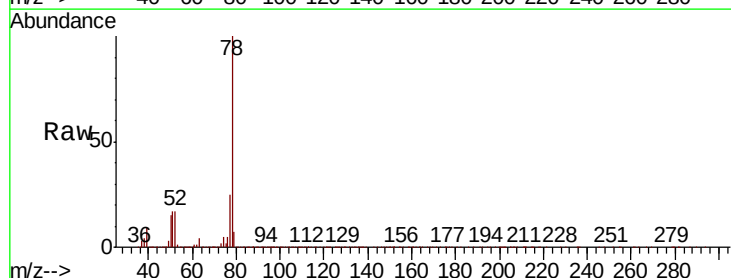


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

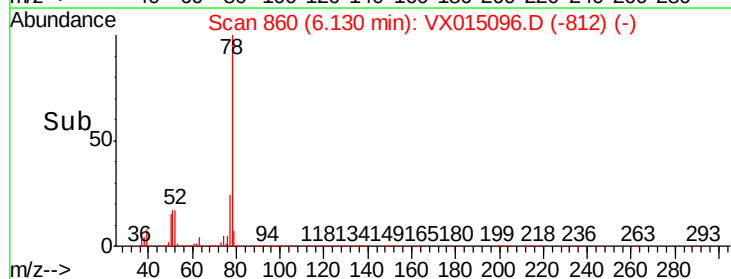
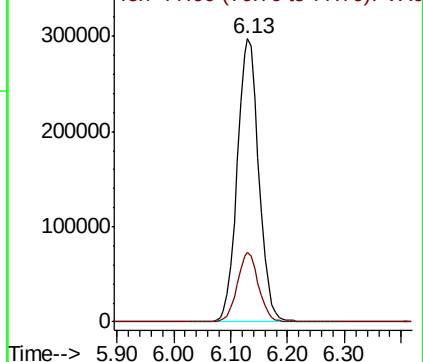


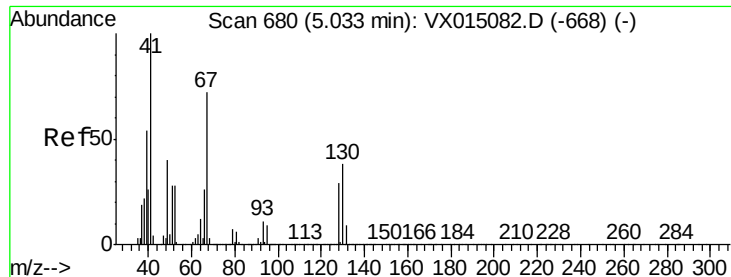
#40
Benzene
Concen: 51.131 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 78 Resp: 785497
Ion Ratio Lower Upper
78 100
77 24.6 18.6 28.0



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

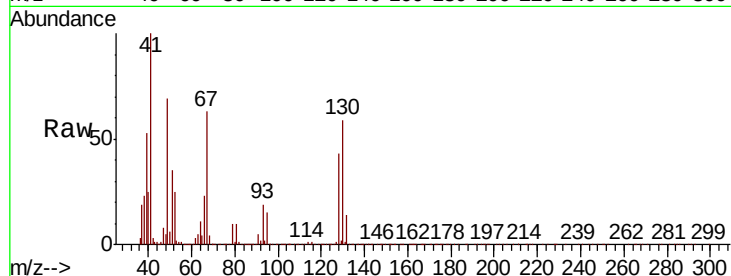




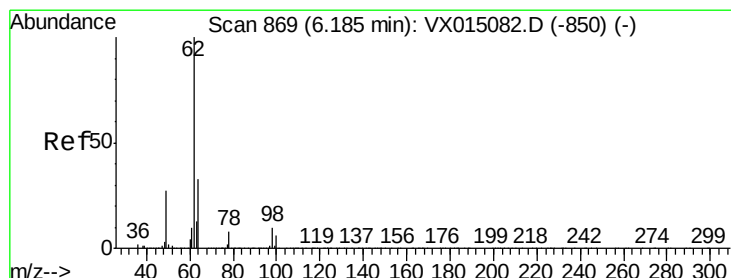
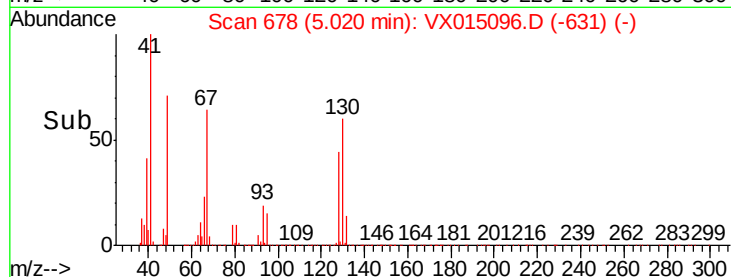
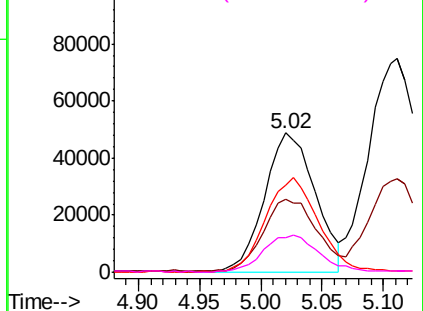
#41
Methacrylonitrile
Concen: 48.543 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	140050
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.9	65.9
67	71.8	57.8	86.8
52	30.1	22.6	34.0

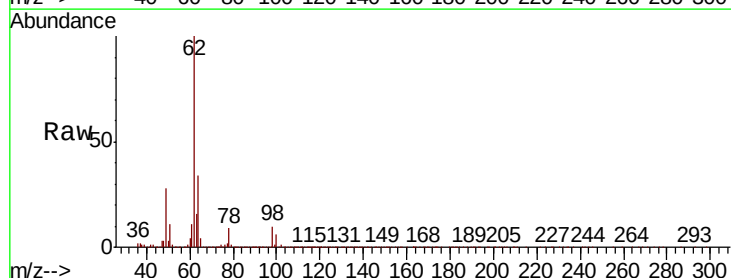


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

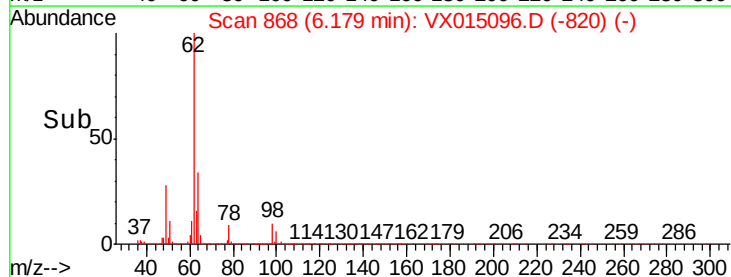
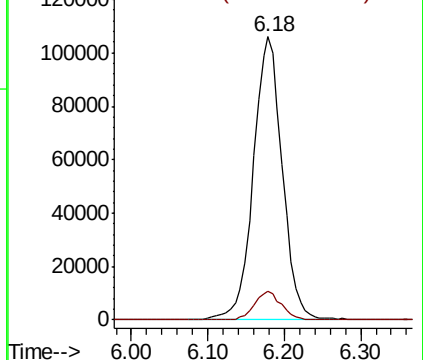


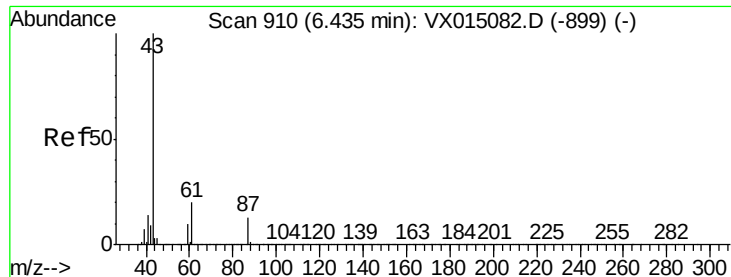
#42
1,2-Dichloroethane
Concen: 52.672 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion:	62	Resp:	277881
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 49.887 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

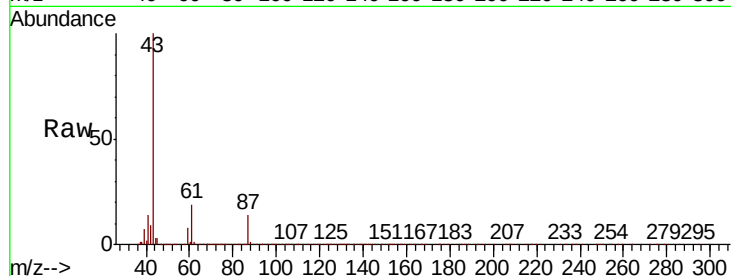
Tot Ion: 43 Resp: 421531

Ion Ratio Lower Upper

43 100

61 19.8 16.1 24.1

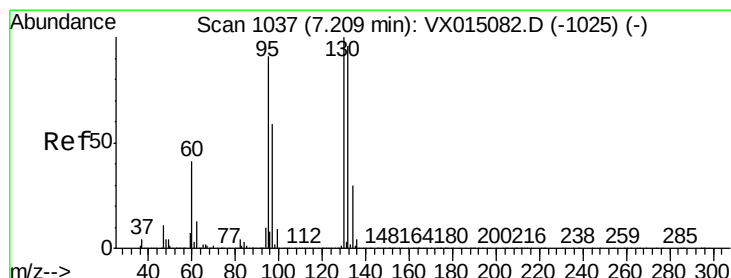
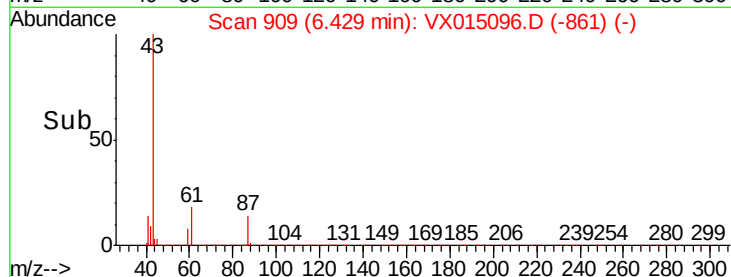
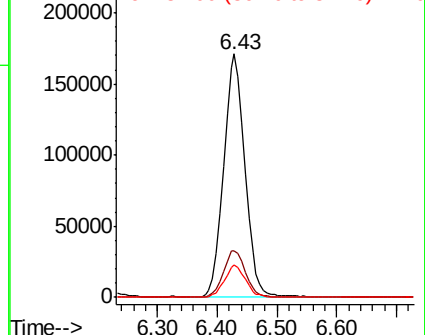
87 13.1 10.6 16.0



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: 51.937 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015096.D

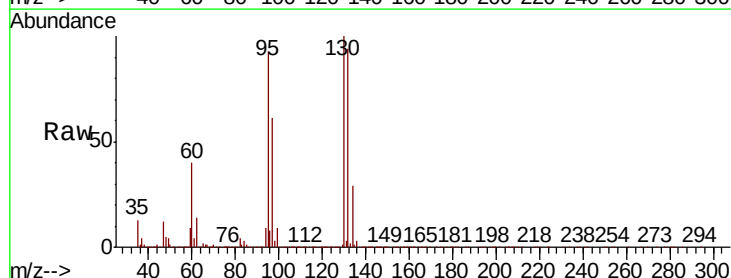
Acq: 05 Mar 2020 08:44

Tgt Ion: 130 Resp: 222205

Ion Ratio Lower Upper

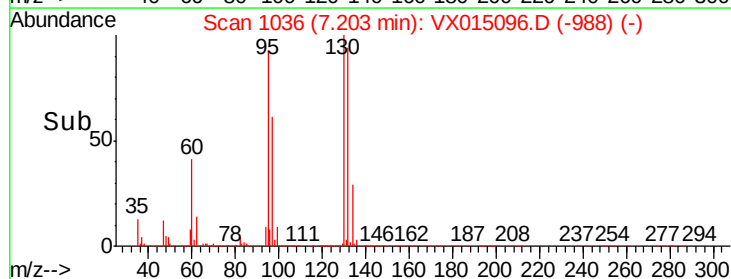
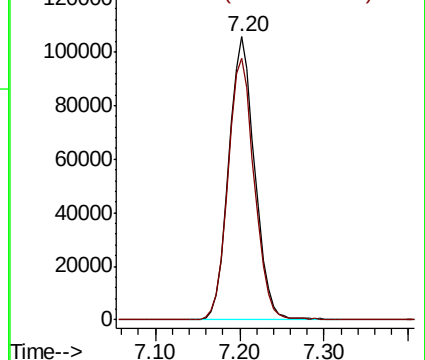
130 100

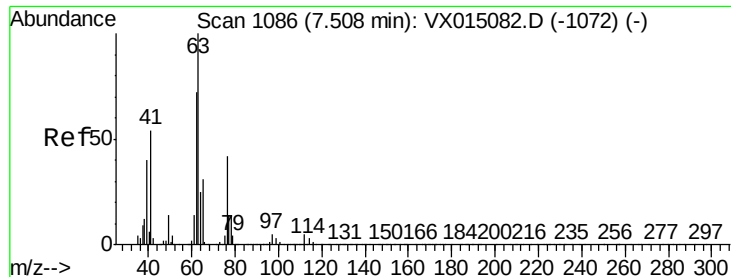
95 92.5 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

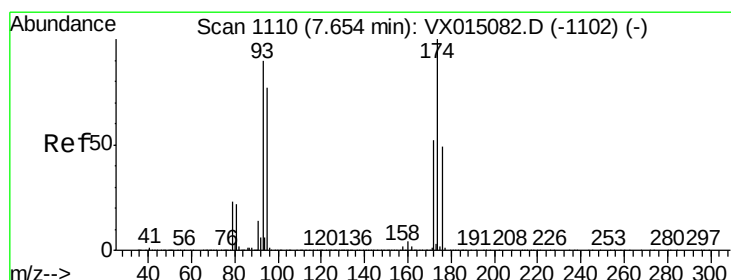
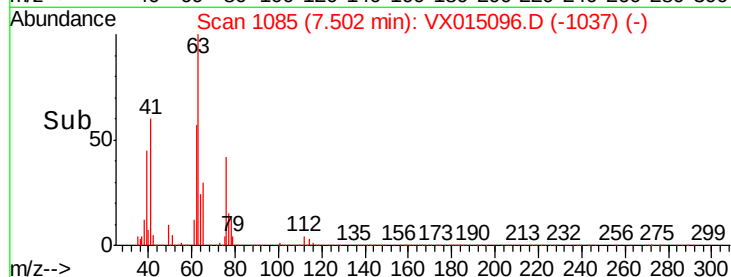
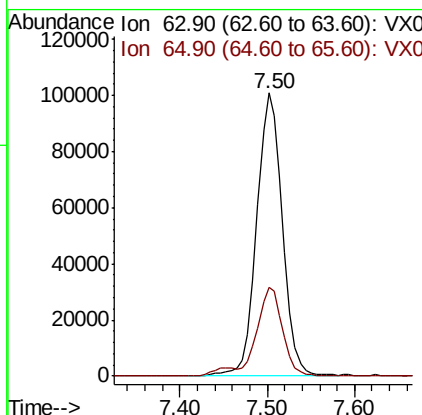
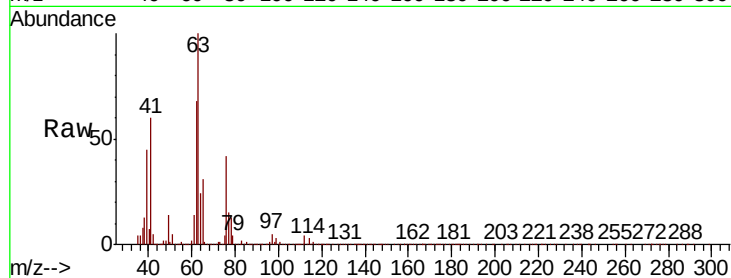




#45
 1,2-Dichloropropane
 Concen: 51.547 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

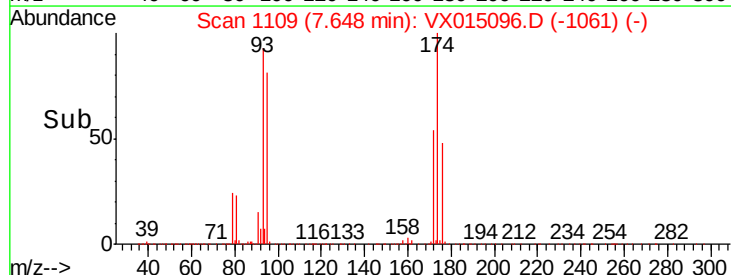
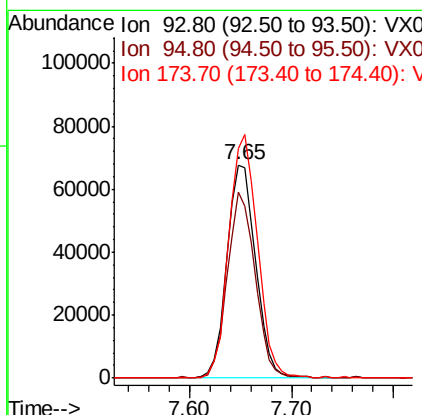
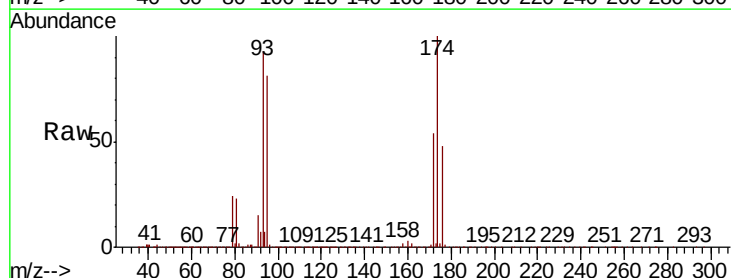
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

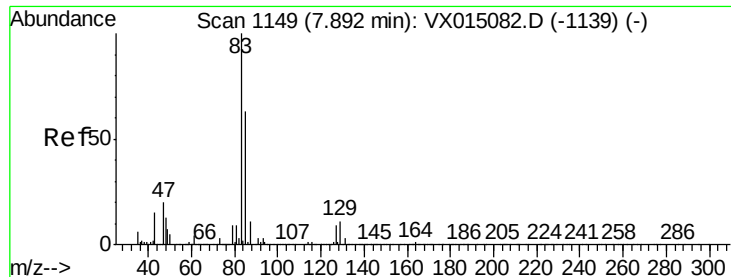
Tot Ion: 63 Resp: 204974
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 50.812 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion: 93 Resp: 131654
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.8 101.8
 174 114.5 91.0 136.4





#47

Bromodichloromethane

Concen: 53.139 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

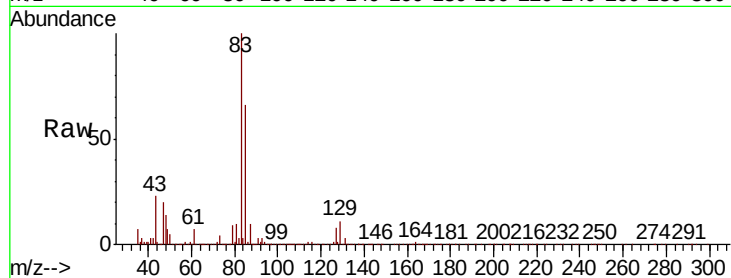
Tot Ion: 83 Resp: 272270

Ion Ratio Lower Upper

83 100

85 65.8 50.6 75.8

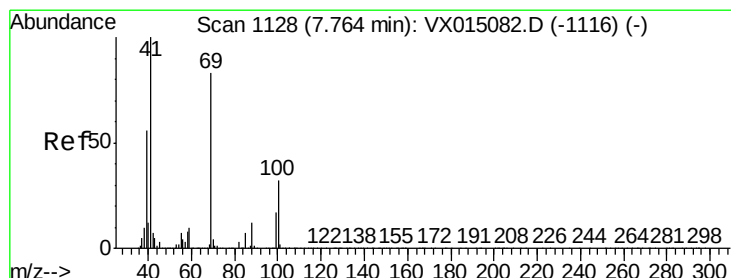
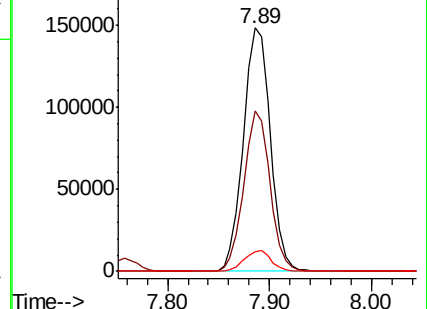
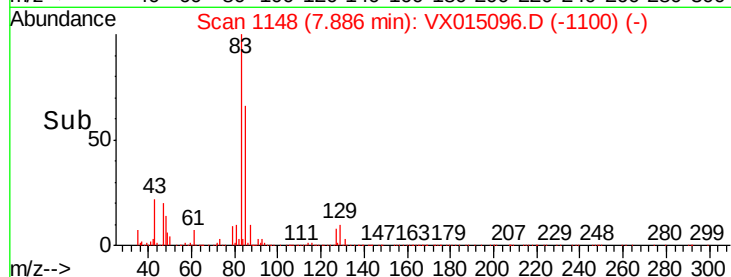
127 8.2 7.1 10.7



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: 49.741 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

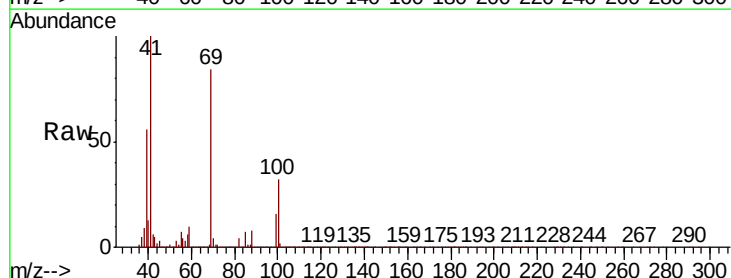
Tgt Ion: 41 Resp: 213917

Ion Ratio Lower Upper

41 100

69 80.4 65.4 98.2

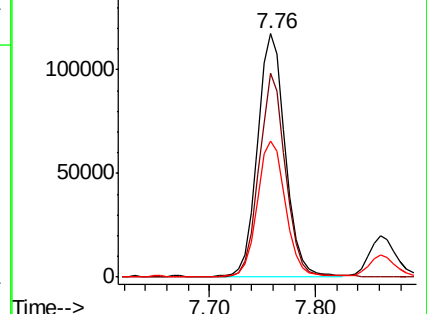
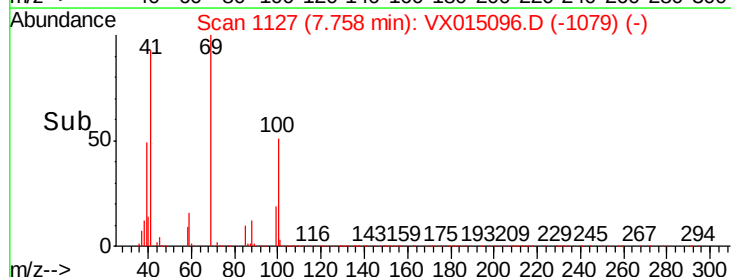
39 56.4 44.6 67.0

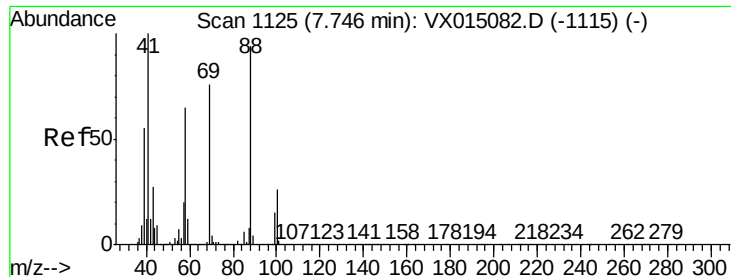


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

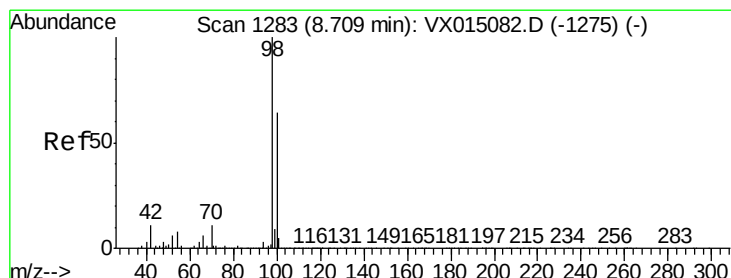
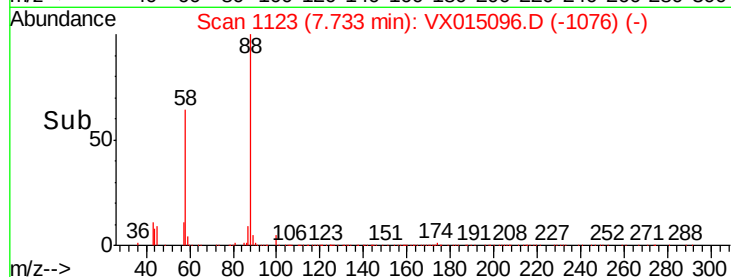
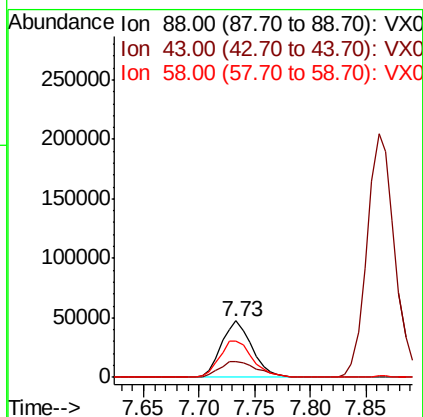
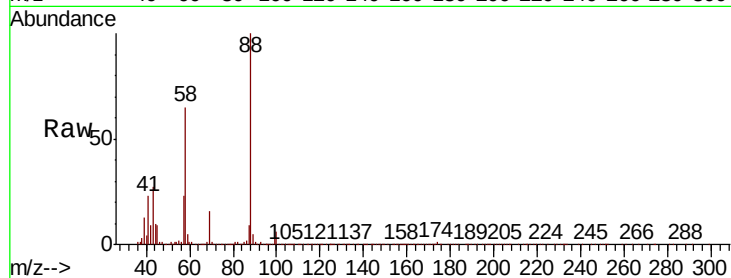




#49
1,4-Dioxane
Concen: 969.522 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

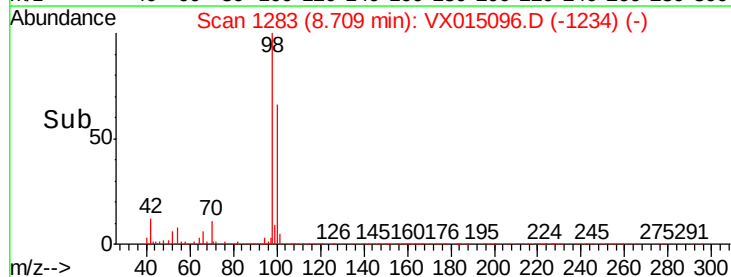
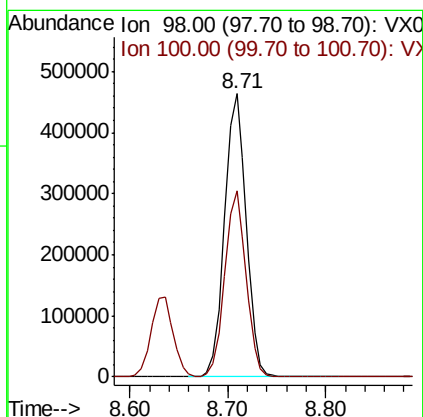
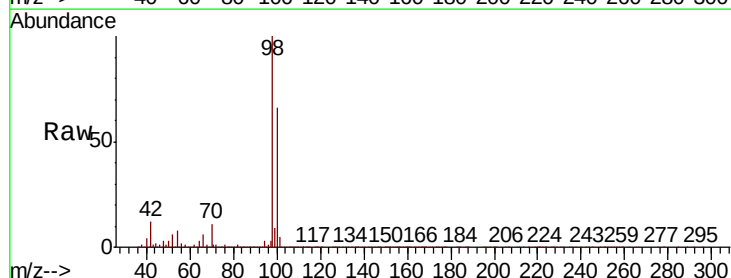
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

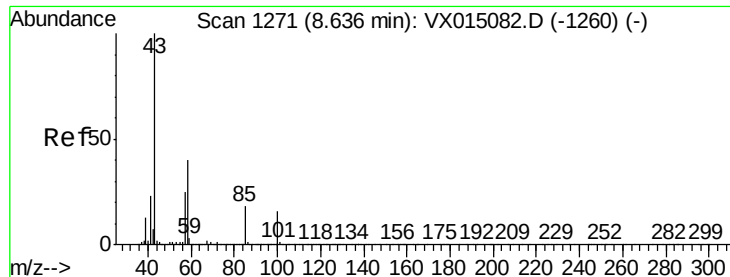
Tot Ion: 88 Resp: 90150
Ion Ratio Lower Upper
88 100
43 32.9 27.0 40.4
58 69.8 55.6 83.4



#50
Toluene-d8
Concen: 52.684 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 98 Resp: 708145
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 256.104 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

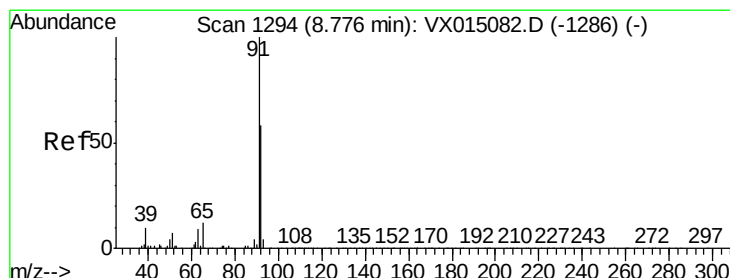
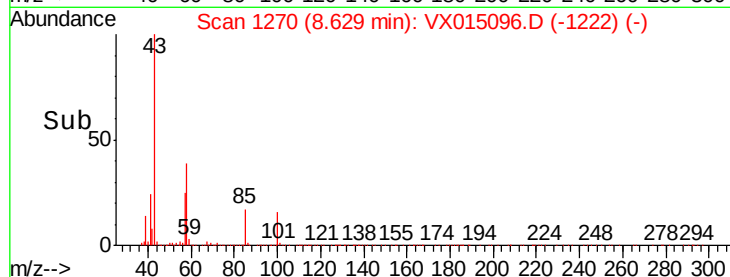
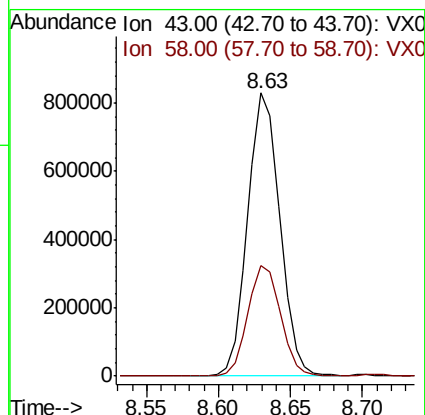
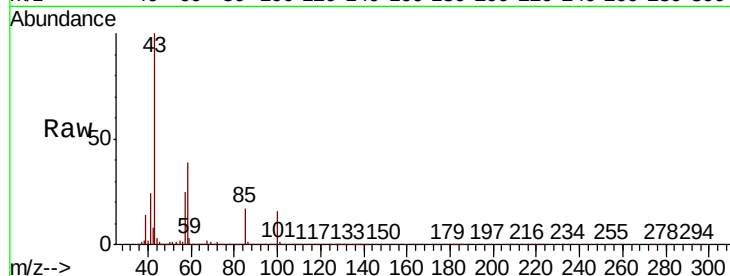
VSTDCCC050

Tot Ion: 43 Resp: 1279486

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 53.390 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015096.D

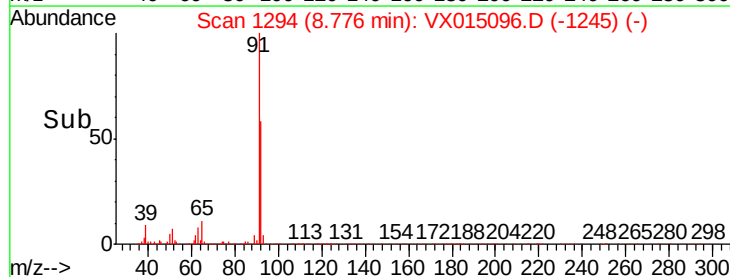
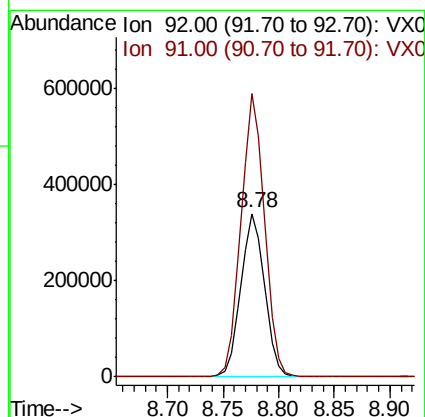
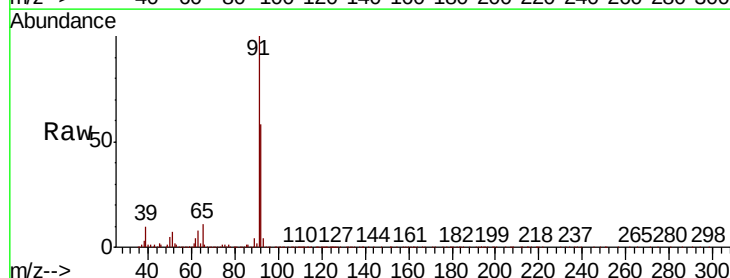
Acq: 05 Mar 2020 08:44

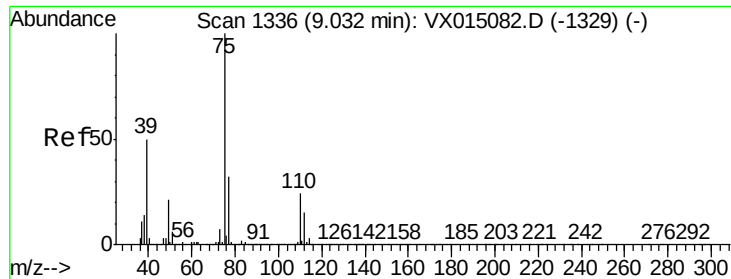
Tgt Ion: 92 Resp: 501500

Ion Ratio Lower Upper

92 100

91 171.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 54.729 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

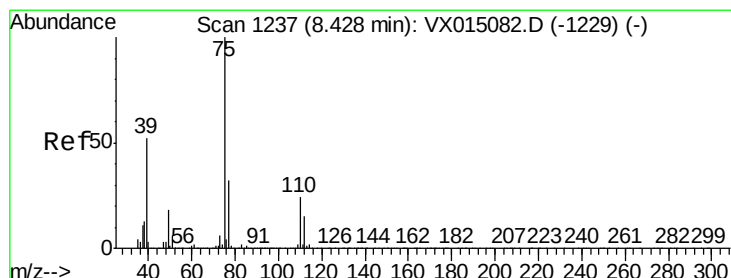
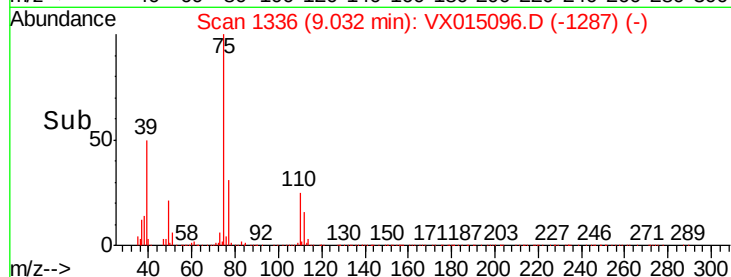
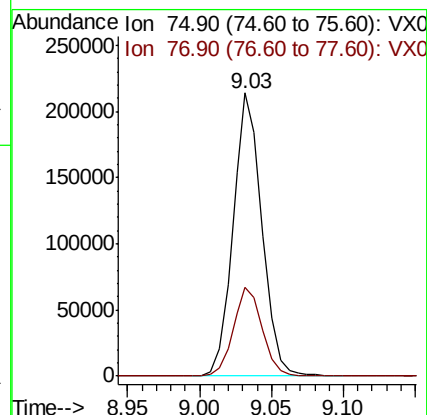
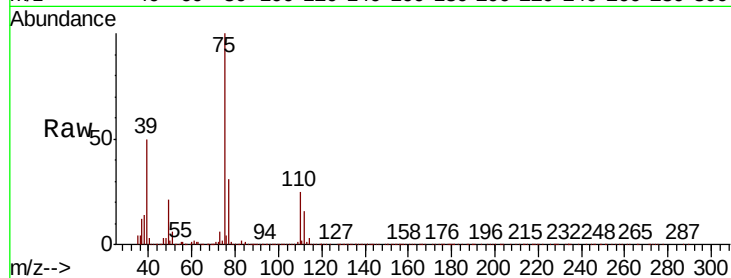
VSTDCCC050

Tot Ion: 75 Resp: 298471

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 53.685 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

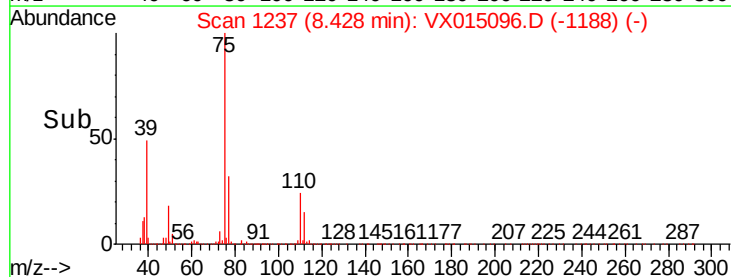
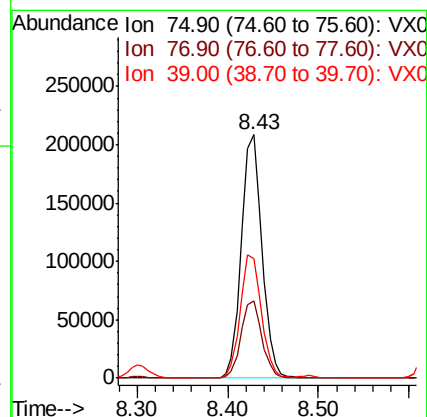
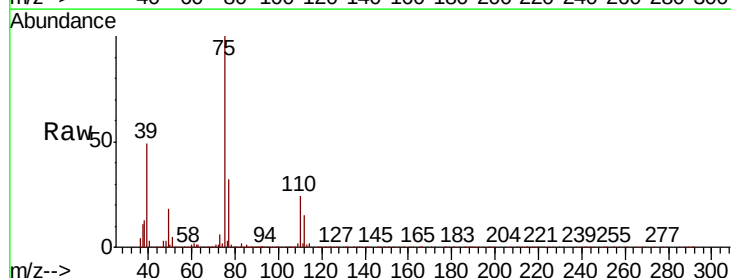
Tgt Ion: 75 Resp: 330990

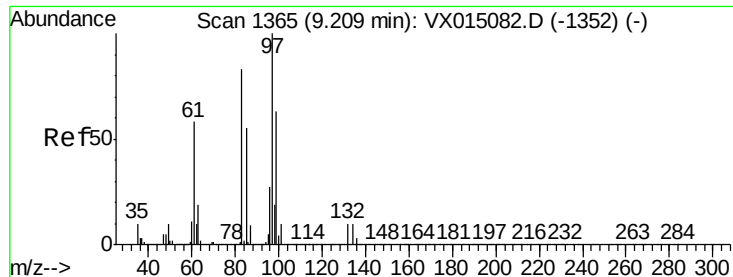
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 49.0 41.3 61.9

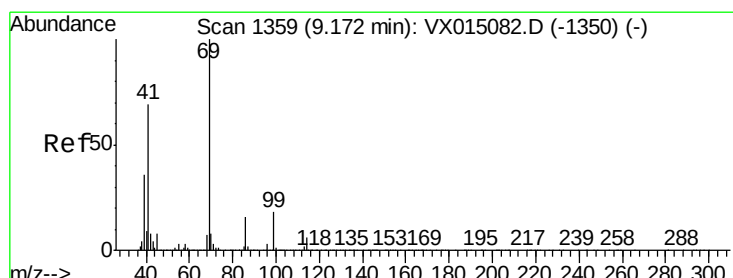
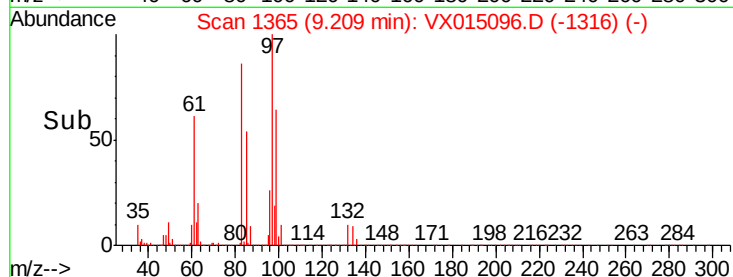
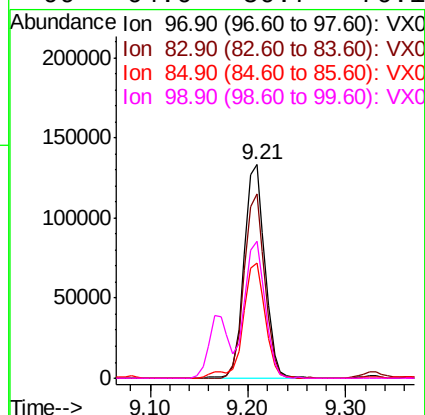
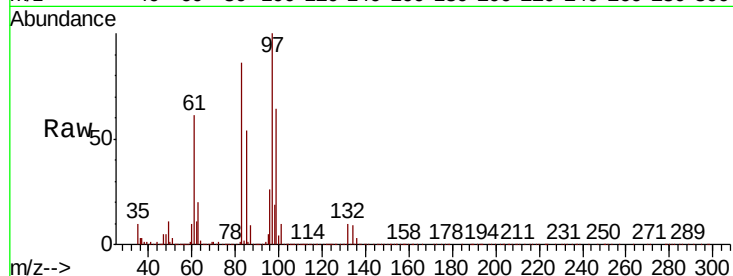




#55
 1,1,2-Trichloroethane
 Concen: 50.886 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

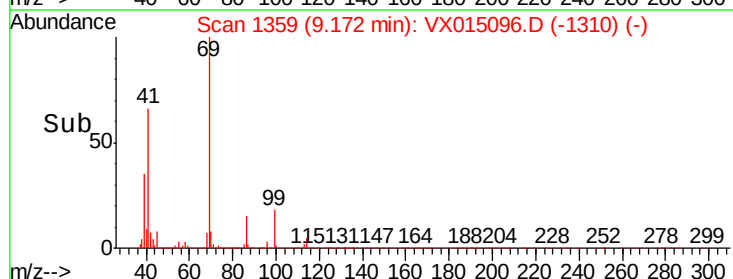
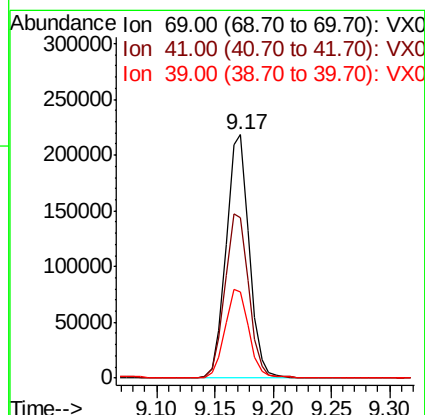
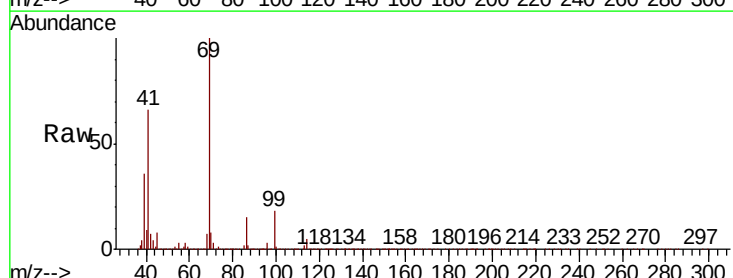
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

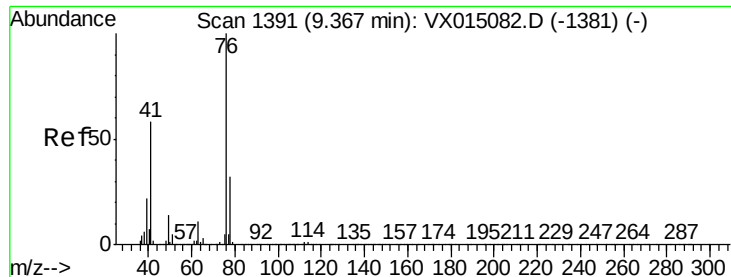
Tot Ion:	97	Resp:	196735
Ion	Ratio	Lower	Upper
97	100		
83	86.4	66.4	99.6
85	54.1	43.5	65.3
99	64.0	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 54.145 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion:	69	Resp:	298592
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.8
39	37.5	29.4	44.2





#57

1,3-Dichloropropane

Concen: 51.513 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

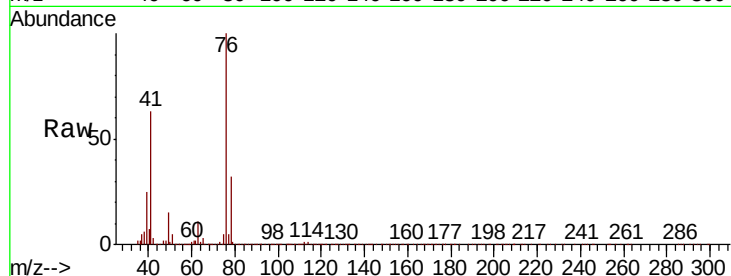
VSTDCCC050

Tot Ion: 76 Resp: 335064

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

250000

200000

150000

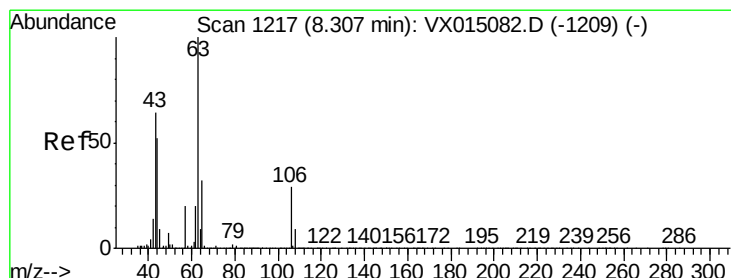
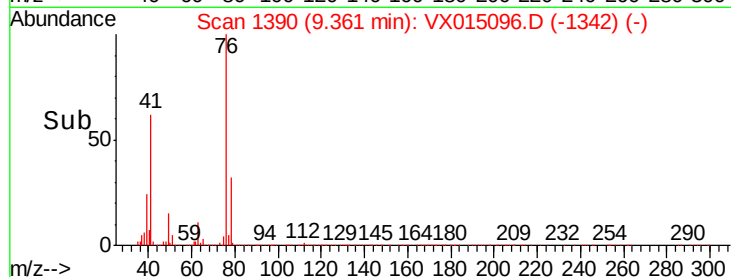
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 279.304 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015096.D

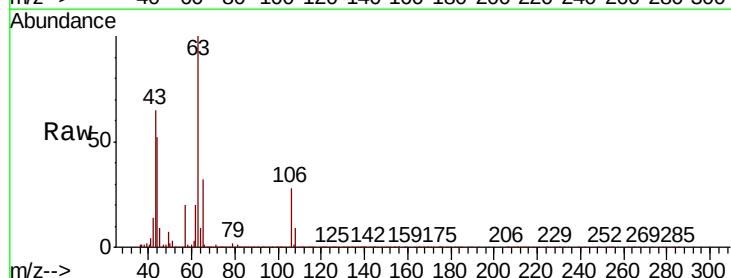
Acq: 05 Mar 2020 08:44

Tgt Ion: 63 Resp: 839098

Ion Ratio Lower Upper

63 100

106 28.4 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

600000

500000

400000

300000

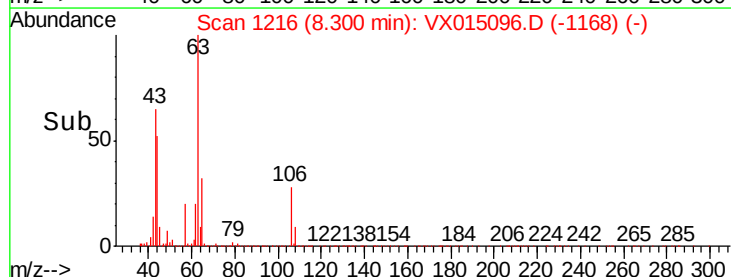
200000

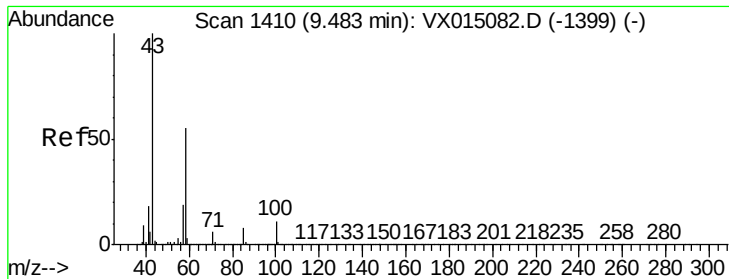
100000

0

Time-->

8.20 8.30 8.40

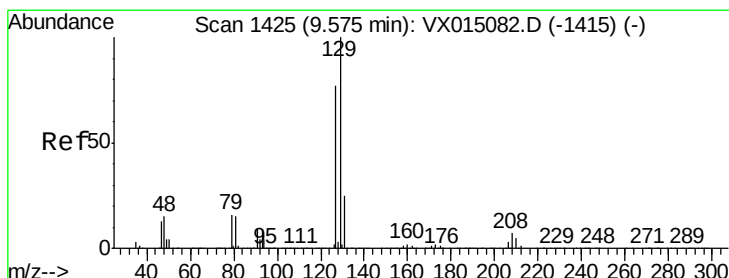
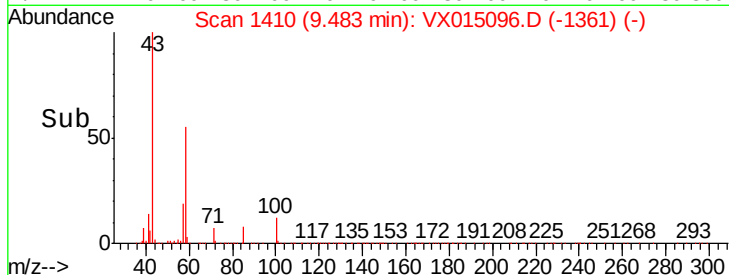
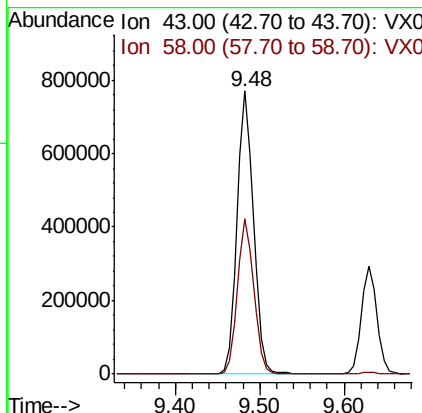
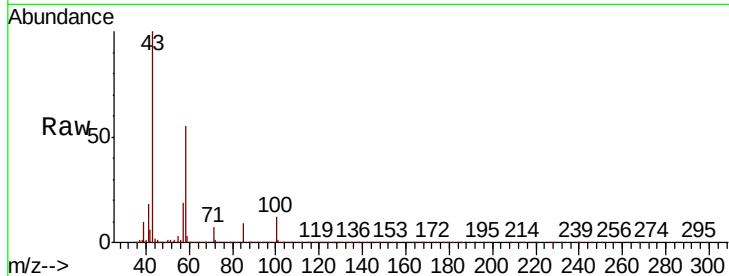




#59
2-Hexanone
Concen: 272.529 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

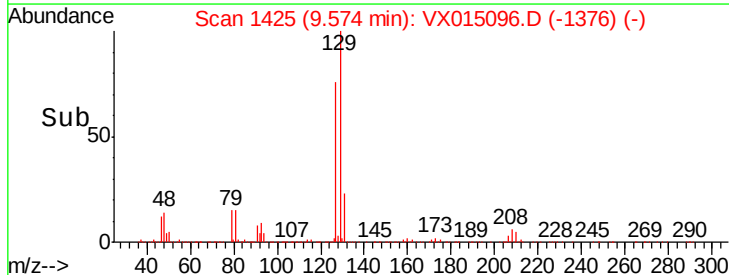
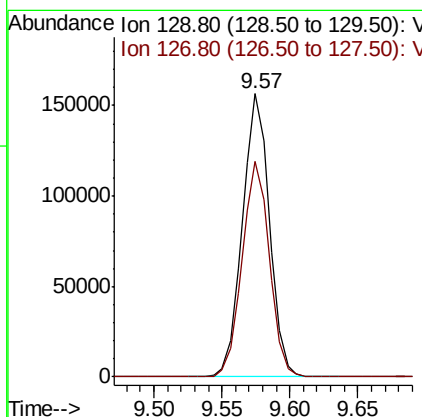
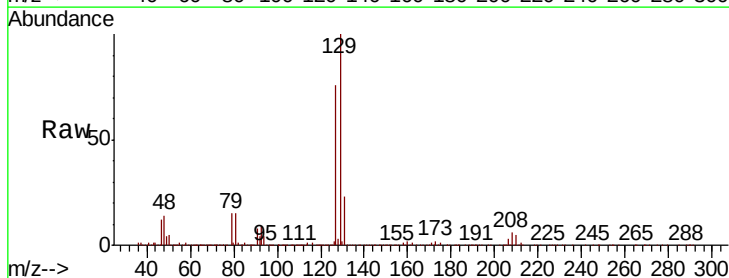
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

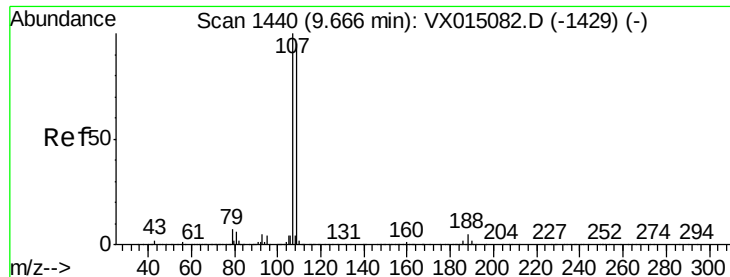
Tot Ion: 43 Resp: 1009157
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8



#60
Dibromochloromethane
Concen: 53.525 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 129 Resp: 217380
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.822 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

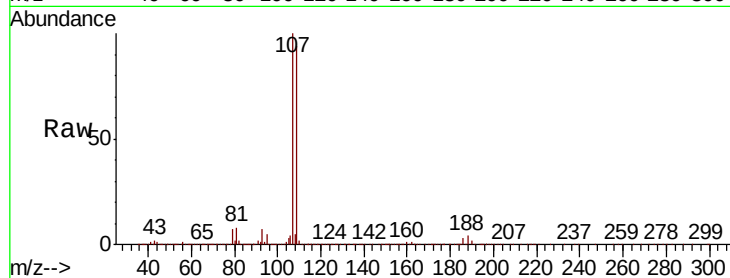
VSTDCCC050

Tot Ion:107 Resp: 206382

Ion Ratio Lower Upper

107 100

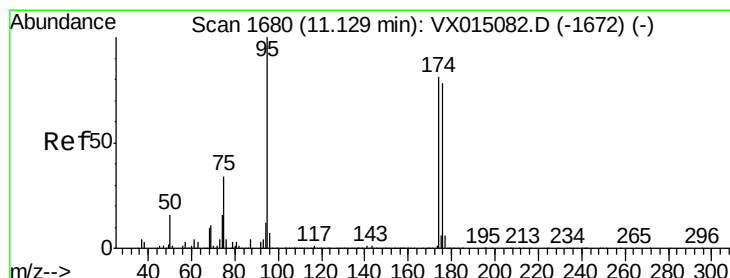
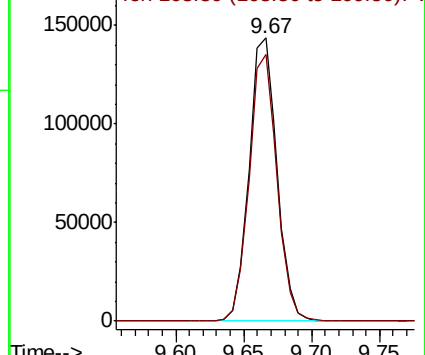
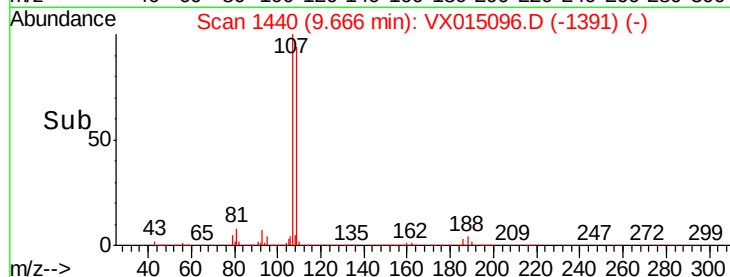
109 94.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



#62

4-Bromofluorobenzene

Concen: 52.634 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

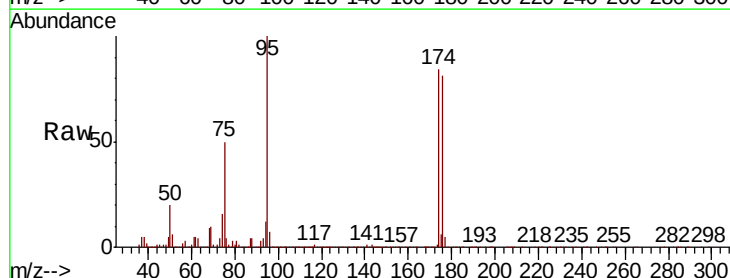
Tgt Ion: 95 Resp: 252346

Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.6

176 86.4 0.0 170.2

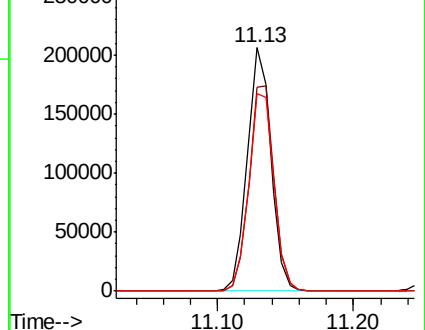
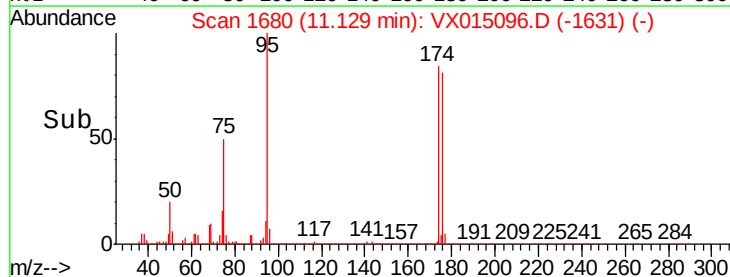


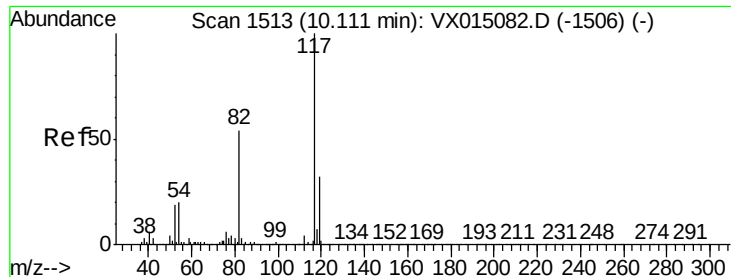
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

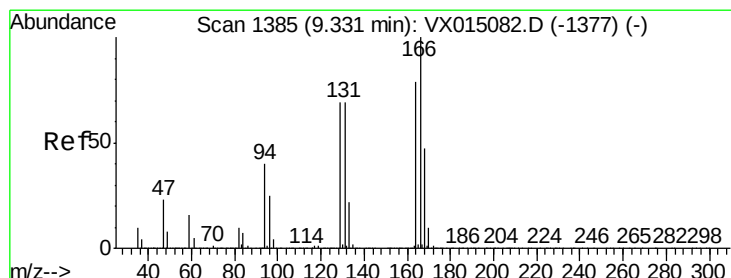
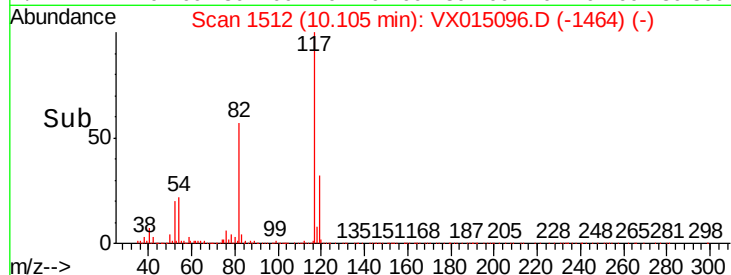
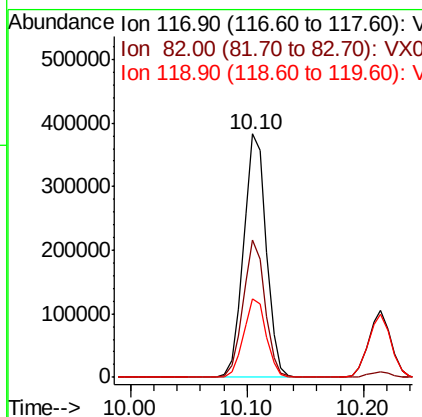
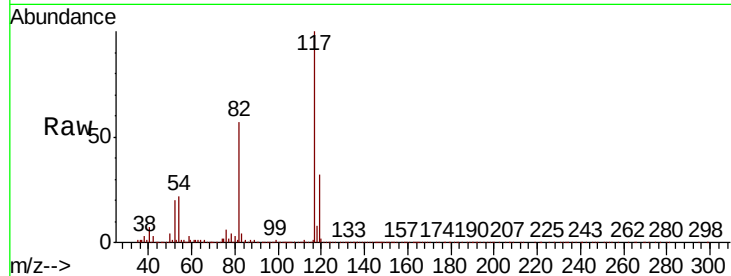




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

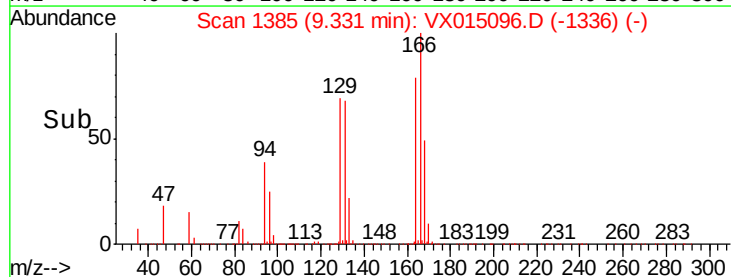
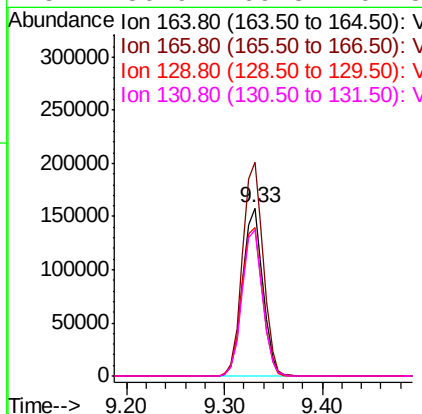
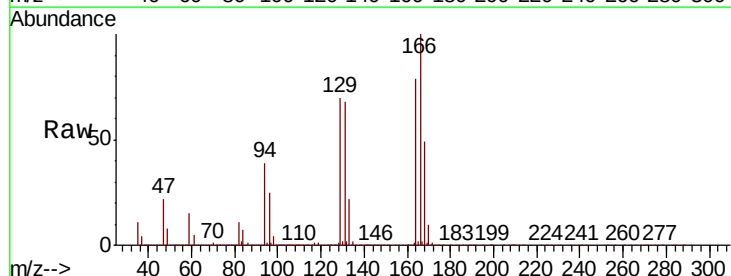
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

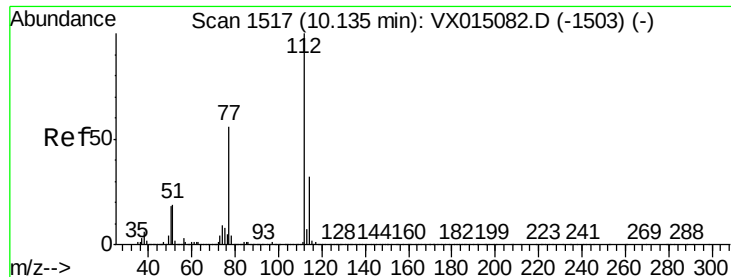
Tot Ion:117 Resp: 520173
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 52.889 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion:164 Resp: 227468
Ion Ratio Lower Upper
164 100
166 127.0 101.1 151.7
129 88.2 69.4 104.0
131 86.9 69.8 104.8





#65

Chlorobenzene

Concen: 51.522 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

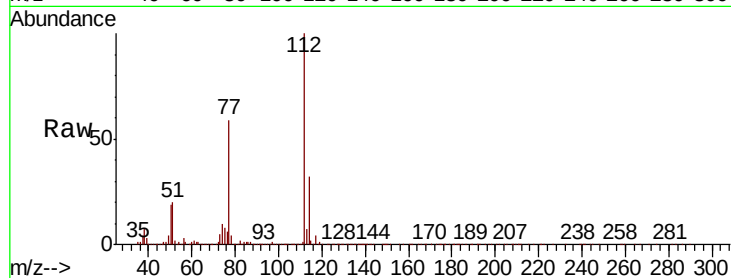
VSTDCCC050

Tot Ion:112 Resp: 538054

Ion Ratio Lower Upper

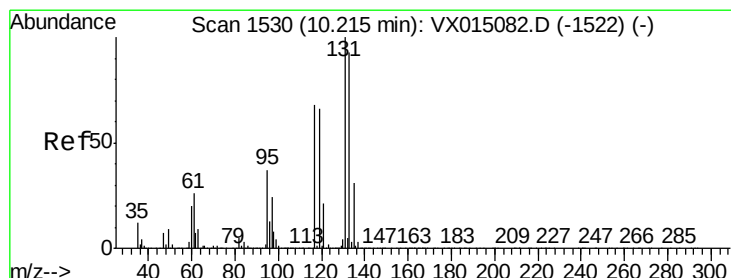
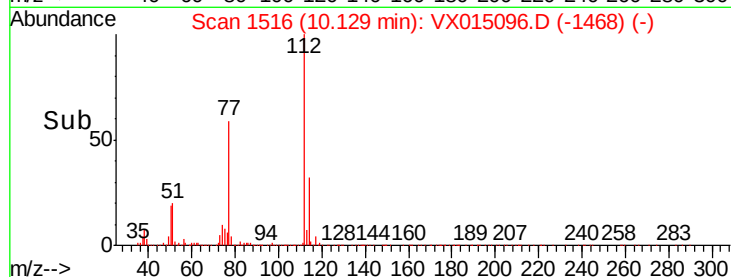
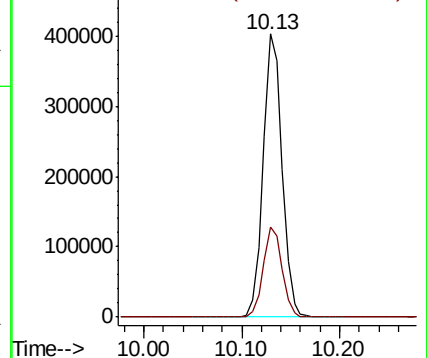
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.072 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

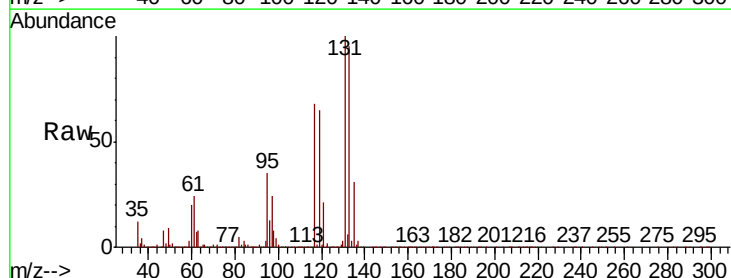
Tgt Ion:131 Resp: 201113

Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.5

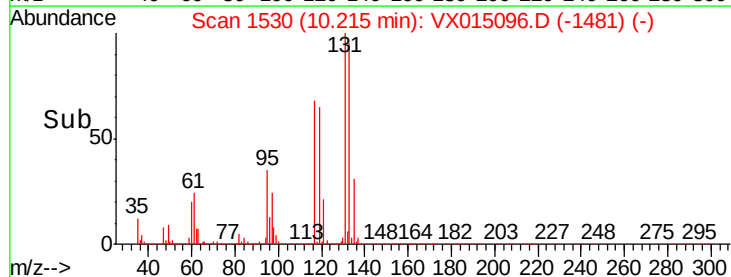
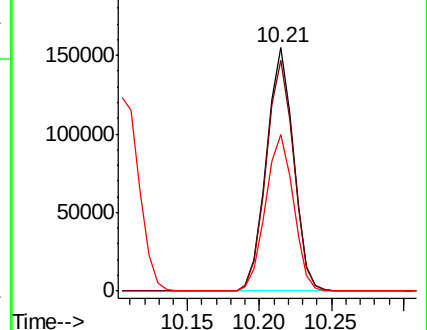
119 66.2 33.4 100.1

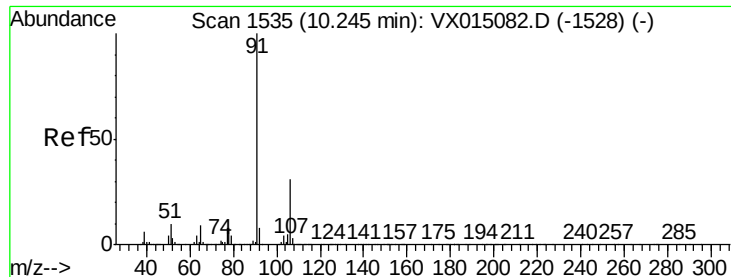


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

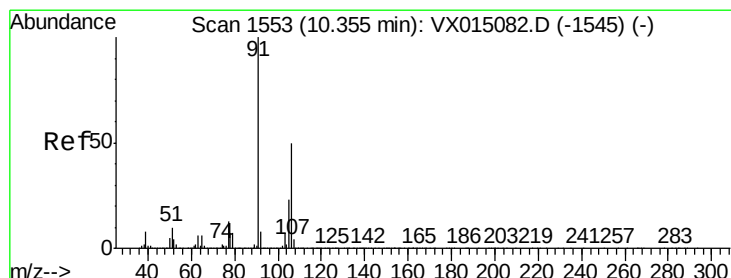
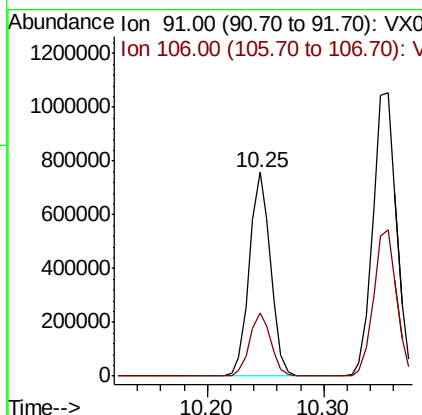
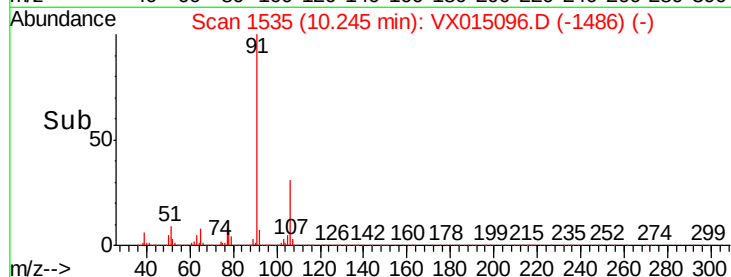
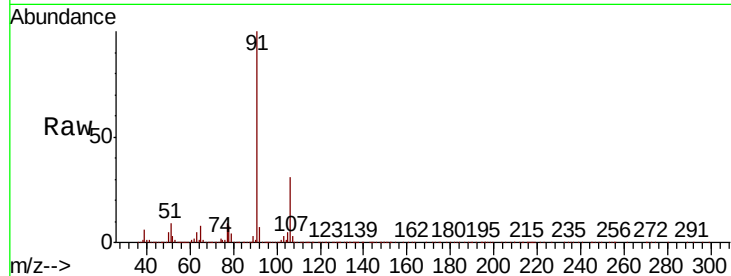




#67
Ethyl Benzene
Concen: 54.299 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

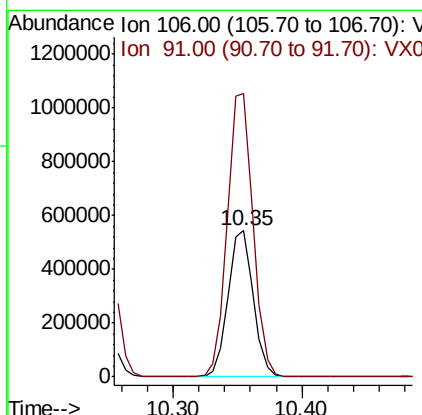
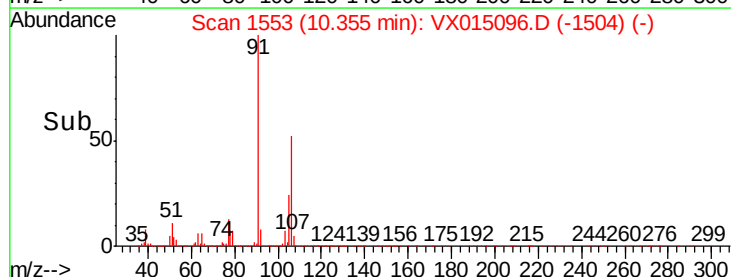
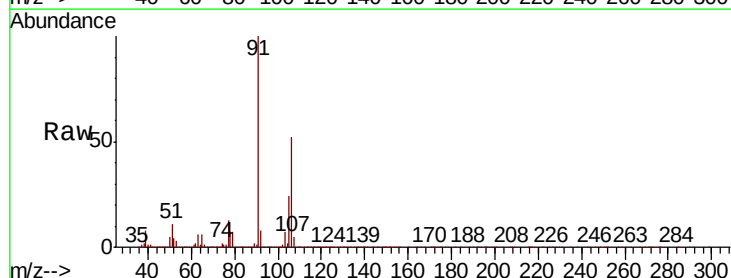
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

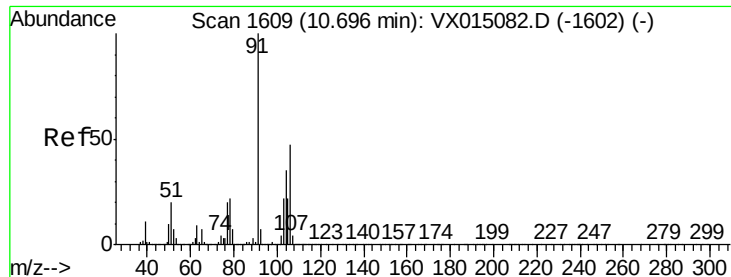
Tot Ion: 91 Resp: 962915
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 110.511 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 106 Resp: 745620
Ion Ratio Lower Upper
106 100
91 198.8 159.4 239.2

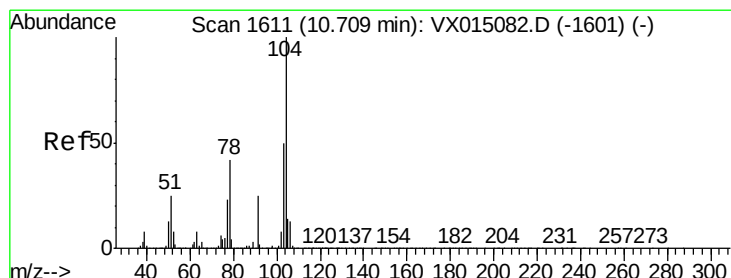
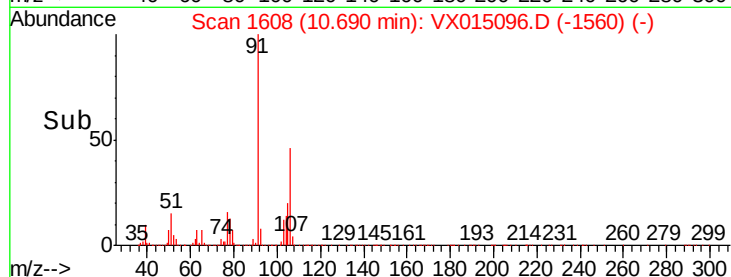
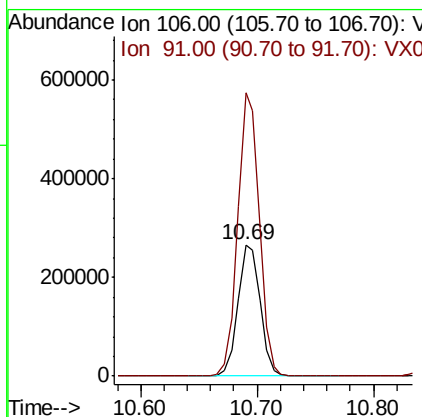
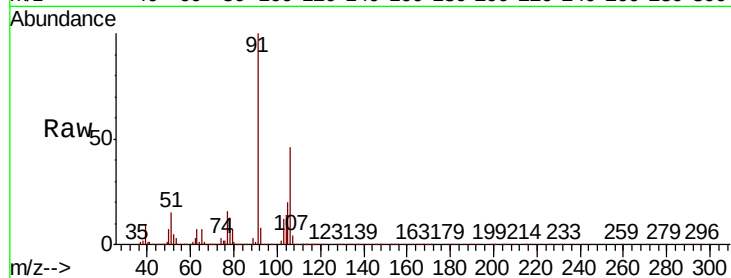




#69
o-Xylene
Concen: 54.593 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

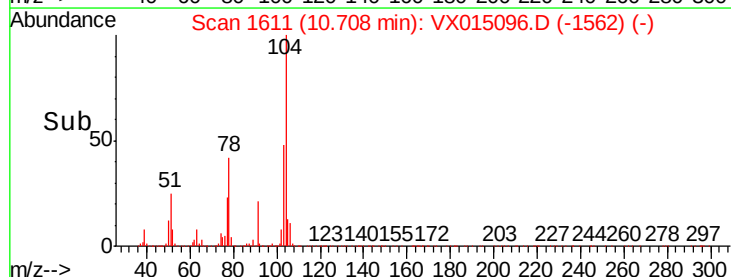
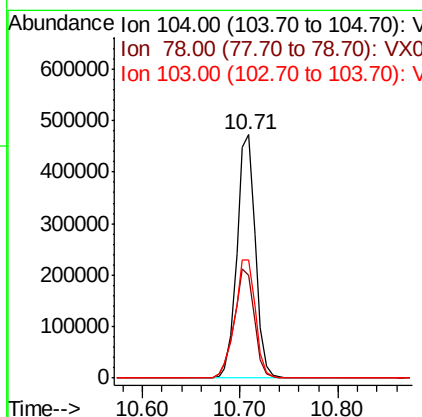
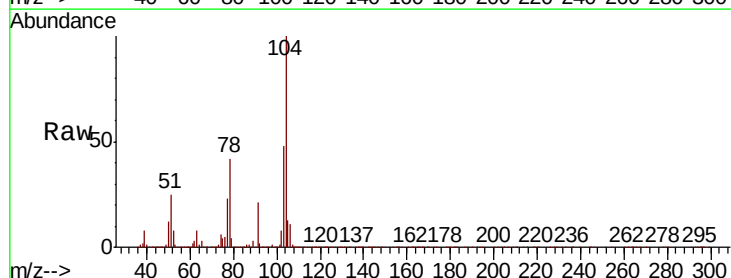
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

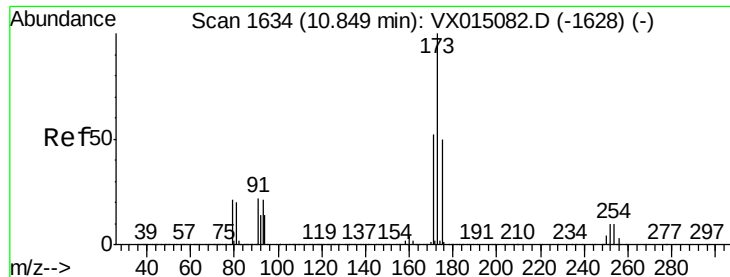
Tot Ion:106 Resp: 352661
Ion Ratio Lower Upper
106 100
91 209.6 105.4 316.1



#70
Styrene
Concen: 55.590 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion:104 Resp: 615719
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.2 43.7 65.5





#71

Bromoform

Concen: 54.097 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

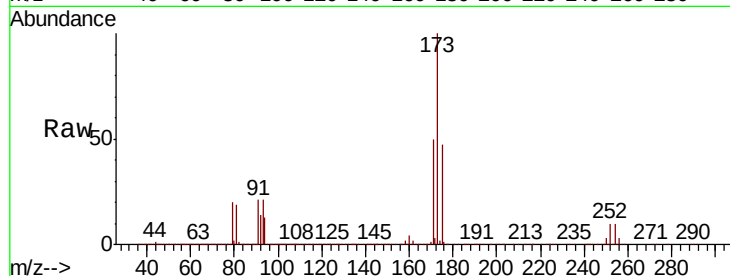
Tot Ion:173 Resp: 165195

Ion Ratio Lower Upper

173 100

175 47.5 24.9 74.7

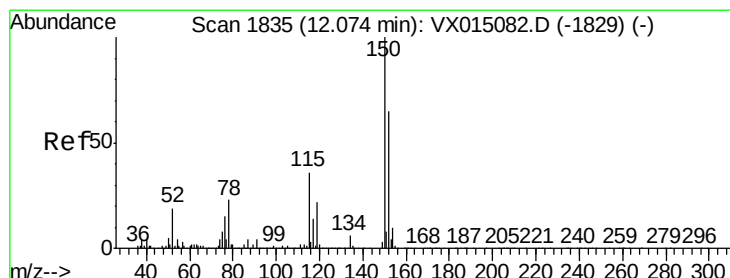
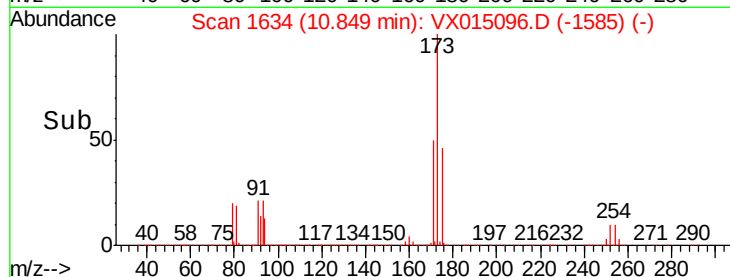
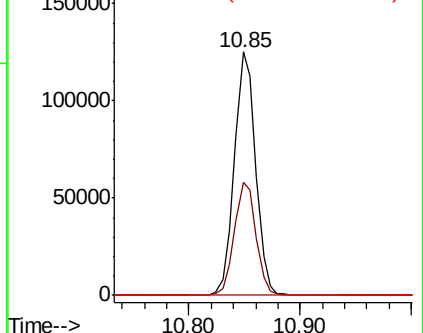
254 0.3 0.2 0.2#



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: VX015096.D

Acq: 05 Mar 2020 08:44

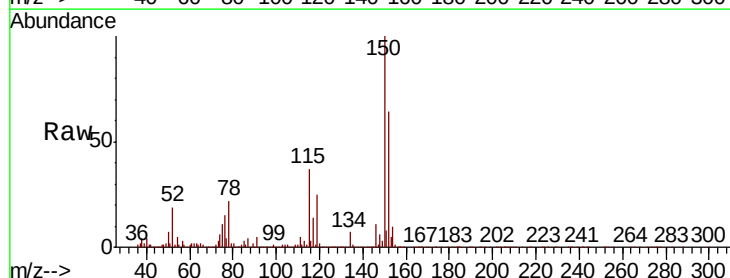
Tgt Ion:152 Resp: 280404

Ion Ratio Lower Upper

152 100

115 77.7 38.2 114.6

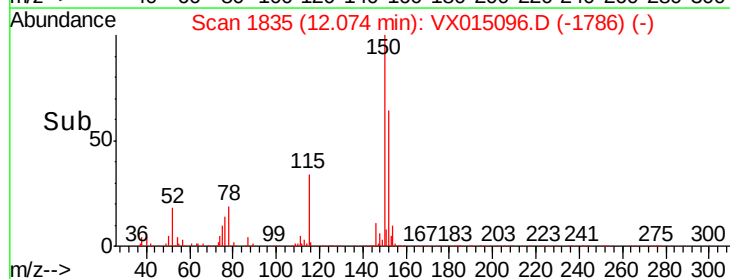
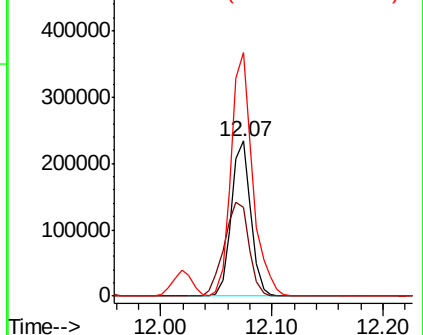
150 173.7 0.0 343.8

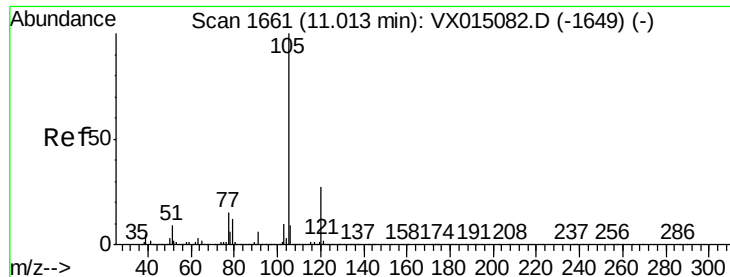


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

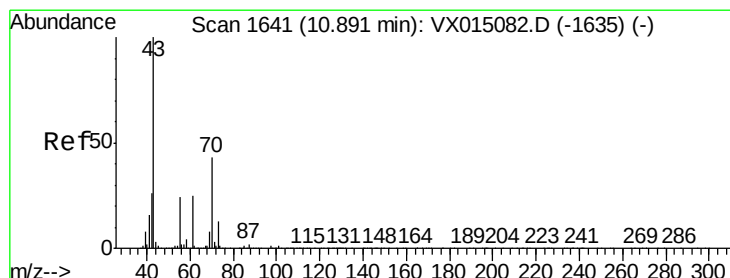
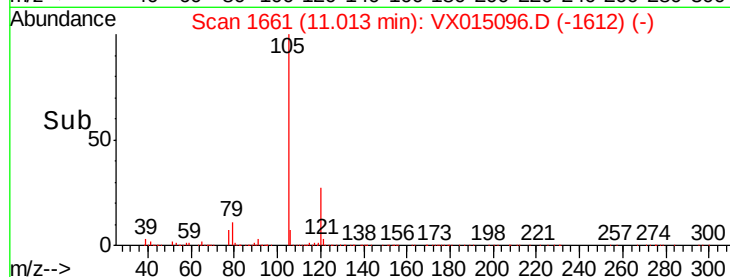
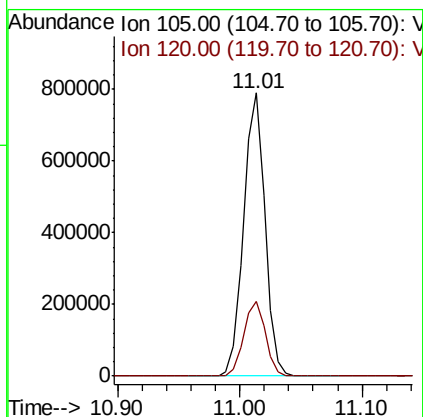
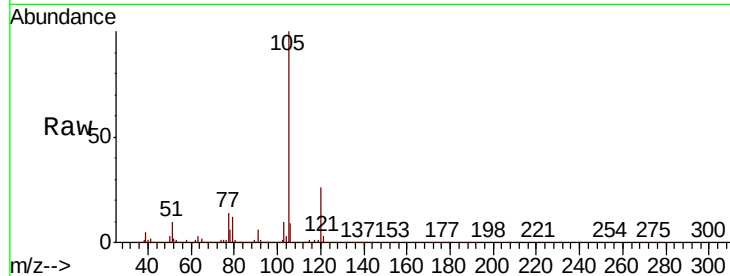




#73
Isopropylbenzene
Concen: 53.046 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

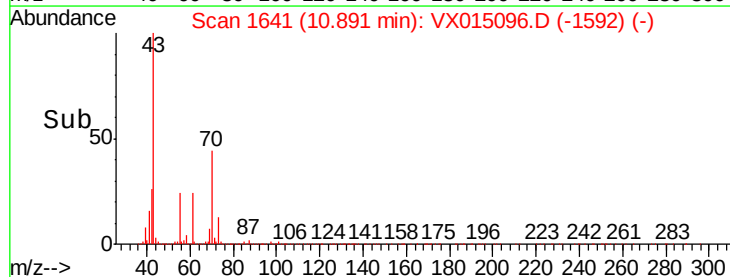
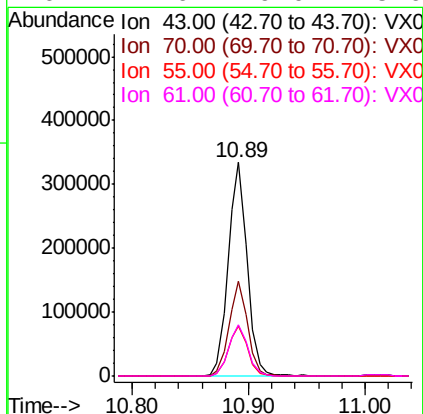
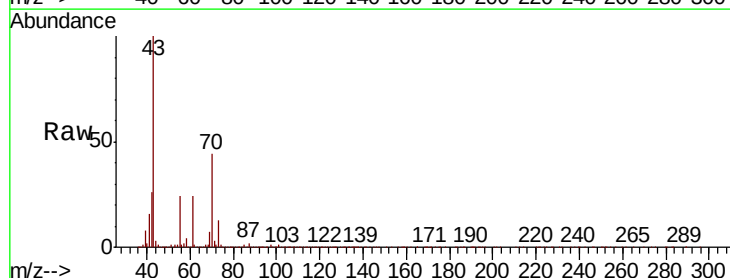
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

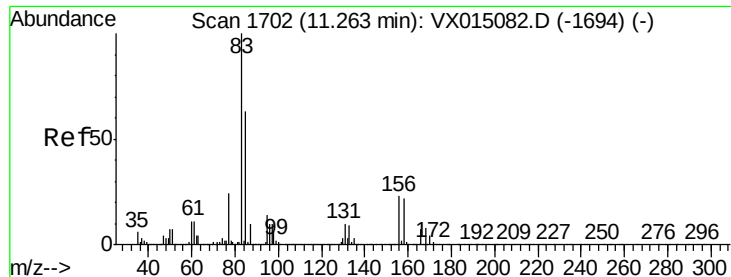
Tot Ion:105 Resp: 950180
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5



#74
N-ethyl acetate
Concen: 49.811 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 43 Resp: 376020
Ion Ratio Lower Upper
43 100
70 43.4 34.7 52.1
55 23.8 19.4 29.0
61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.632 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

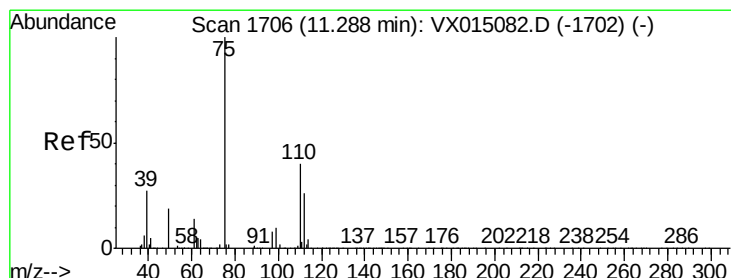
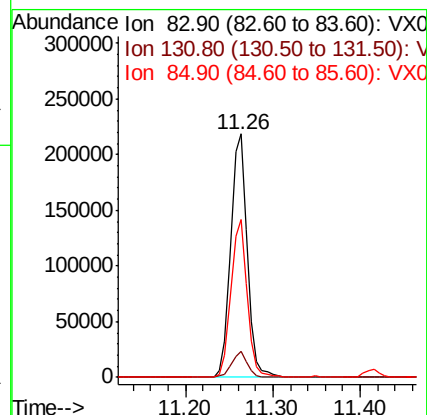
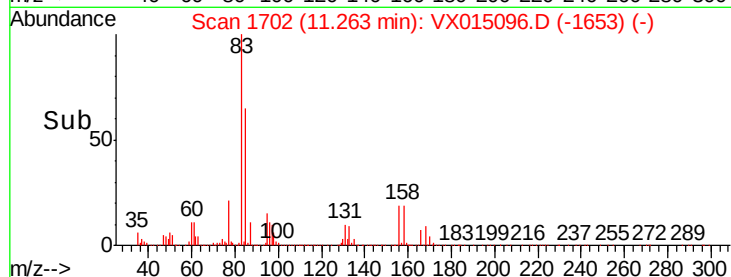
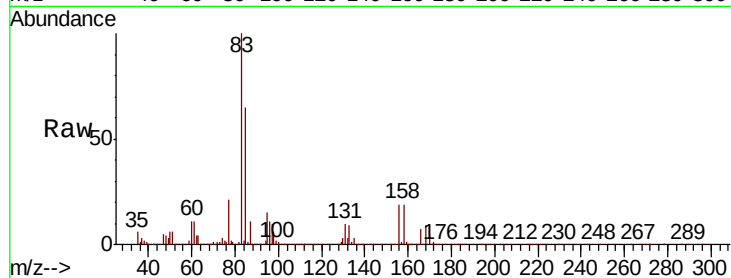
Tot Ion: 83 Resp: 284346

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 63.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 58.694 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015096.D

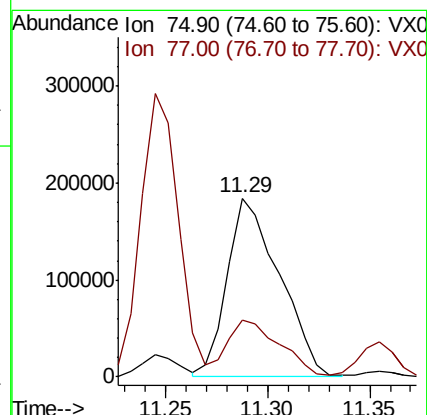
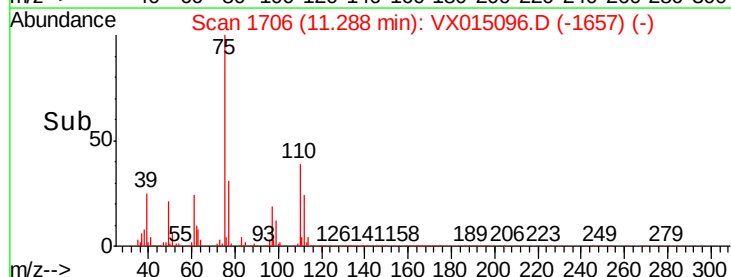
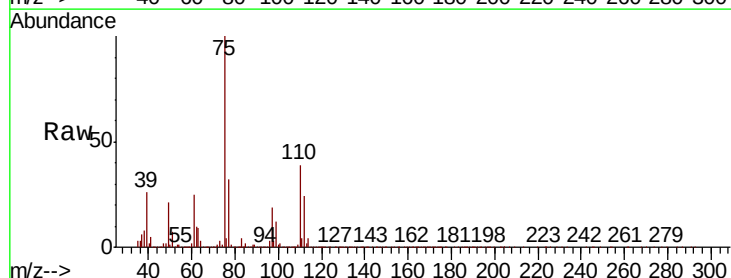
Acq: 05 Mar 2020 08:44

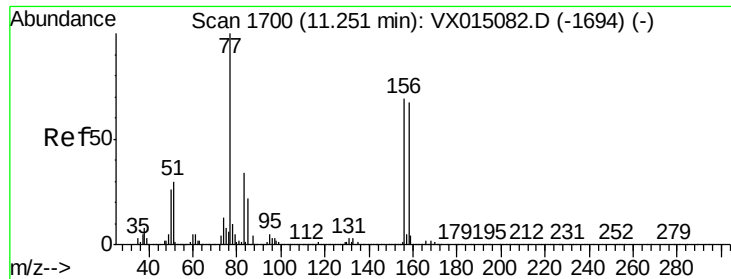
Tgt Ion: 75 Resp: 328288

Ion Ratio Lower Upper

75 100

77 32.1 22.6 67.8





#77

Bromobenzene

Concen: 49.353 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

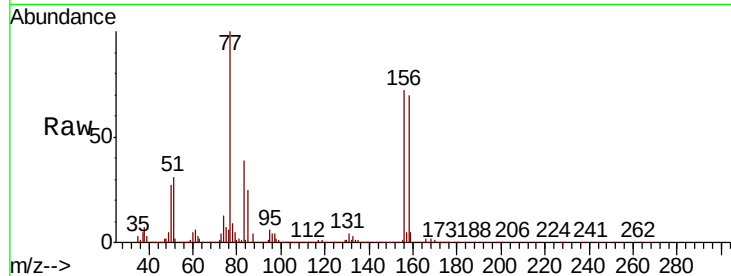
Tot Ion:156 Resp: 246370

Ion Ratio Lower Upper

156 100

77 151.6 75.3 225.9

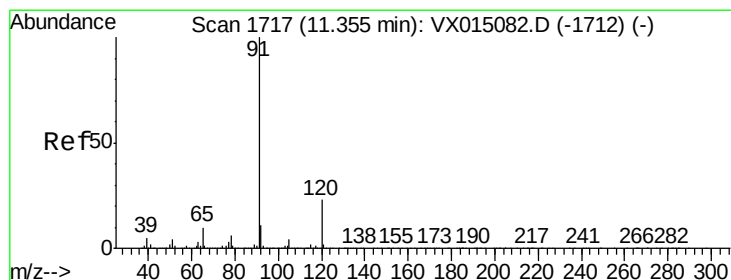
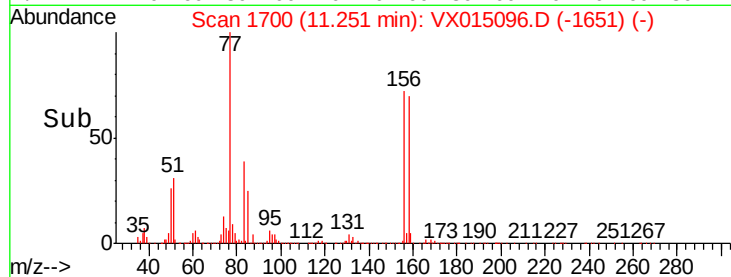
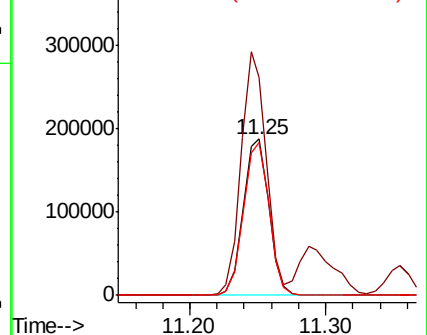
158 97.4 48.5 145.6



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: 54.334 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015096.D

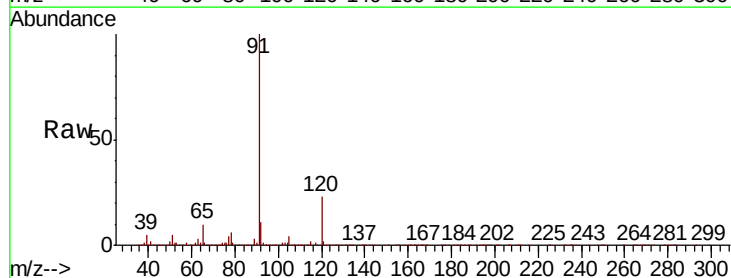
Acq: 05 Mar 2020 08:44

Tgt Ion: 91 Resp: 1111917

Ion Ratio Lower Upper

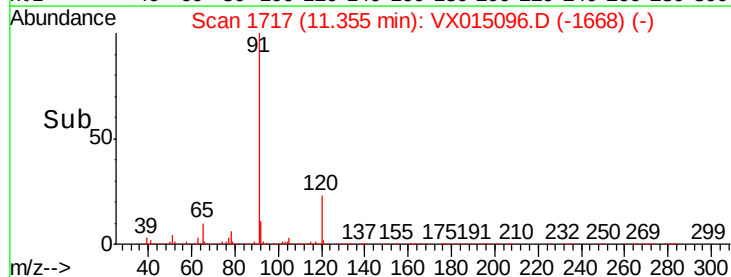
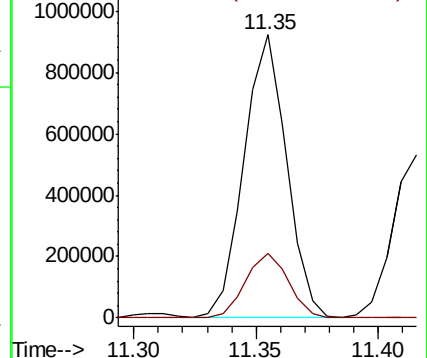
91 100

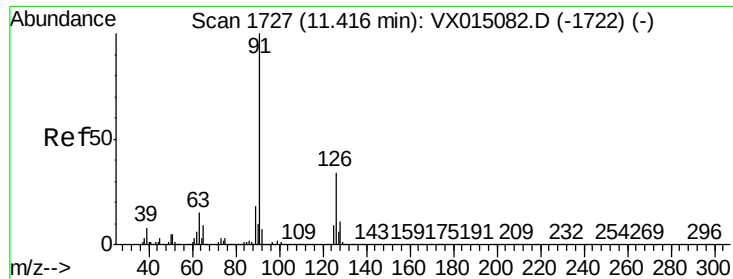
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

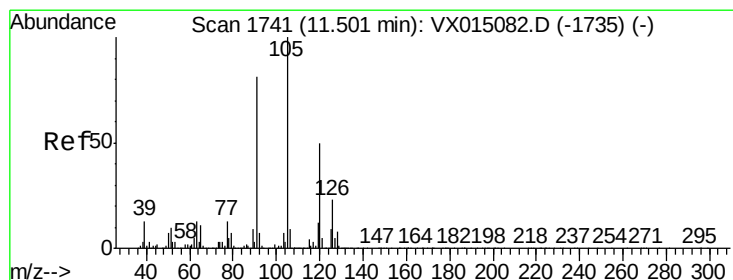
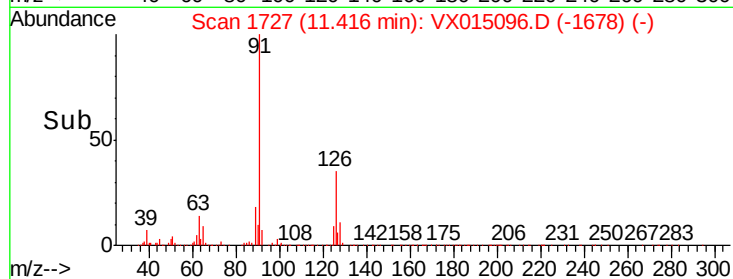
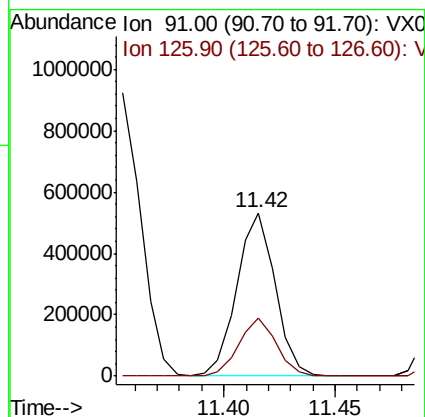
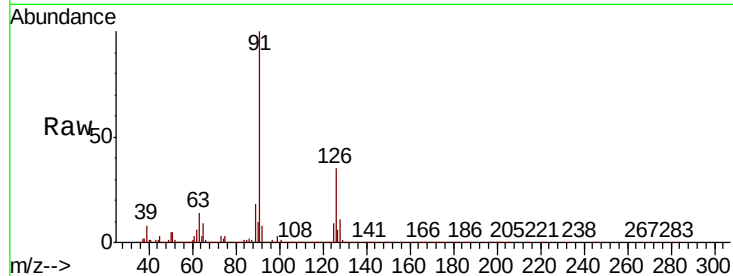




#79
 2-Chlorotoluene
 Concen: 52.016 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

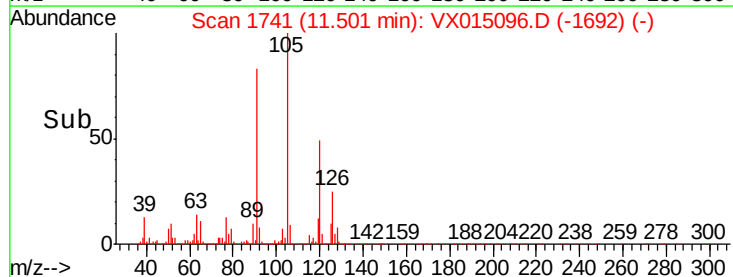
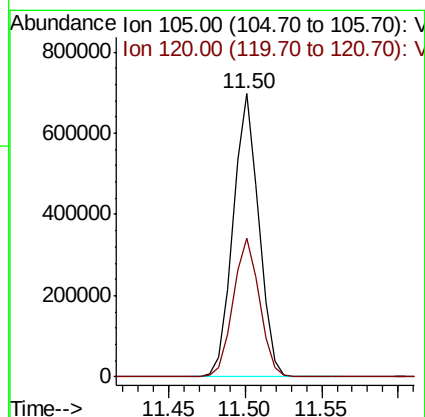
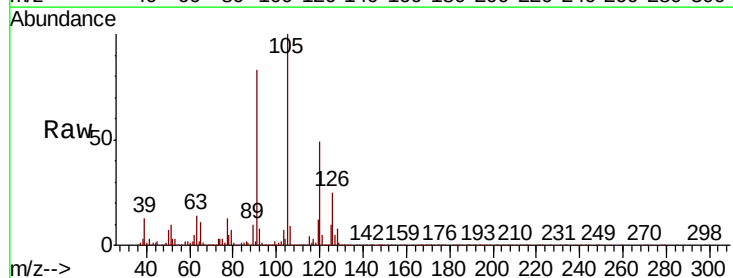
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

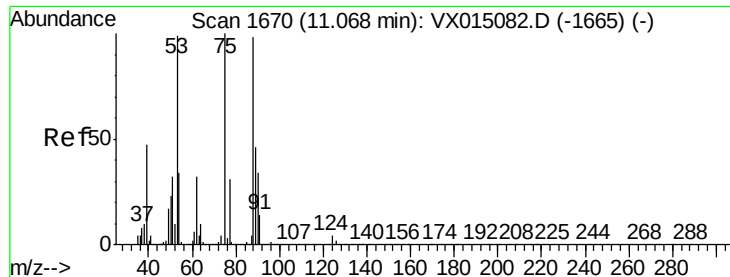
Tot Ion: 91 Resp: 635693
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.191 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion: 105 Resp: 808062
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.4

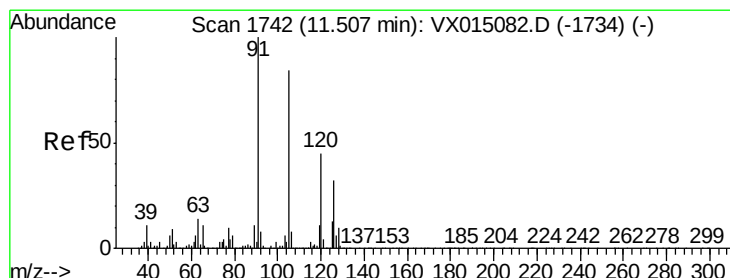
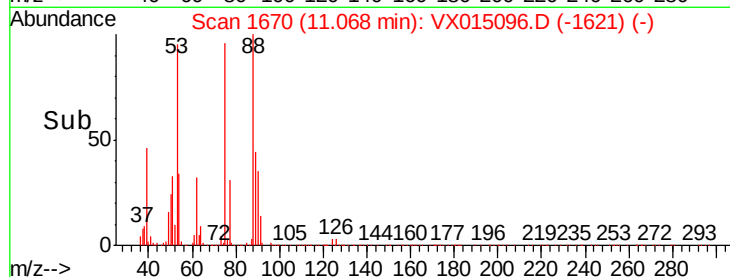
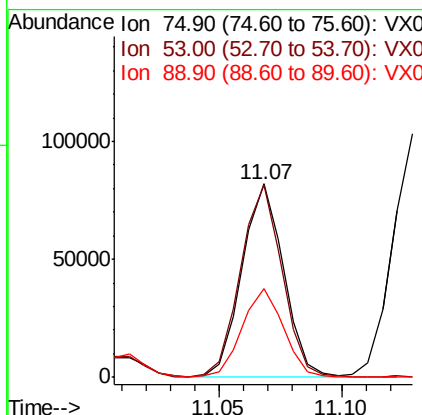
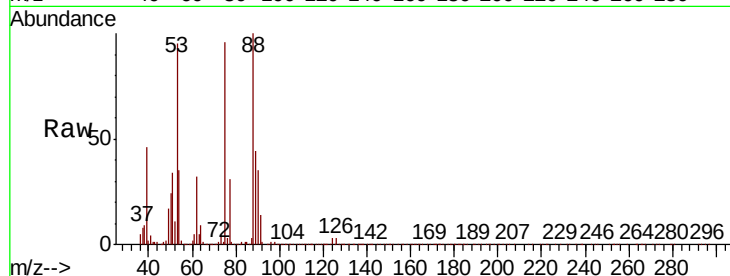




#81
trans-1,4-Dichloro-2-butene
Concen: 49.360 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

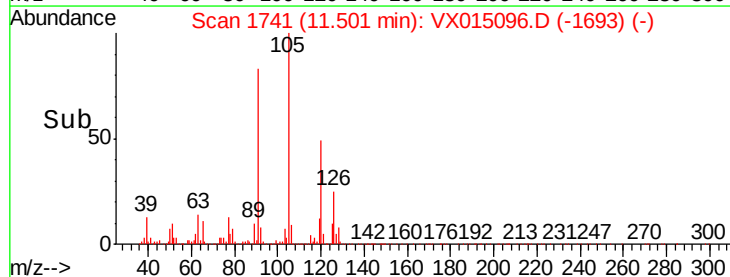
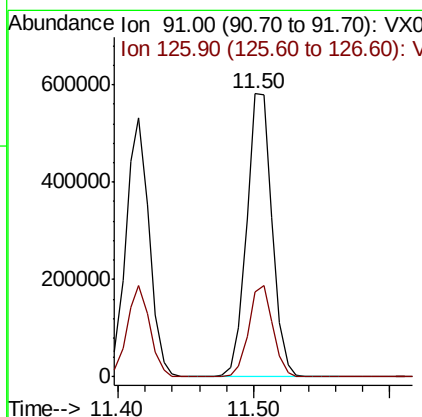
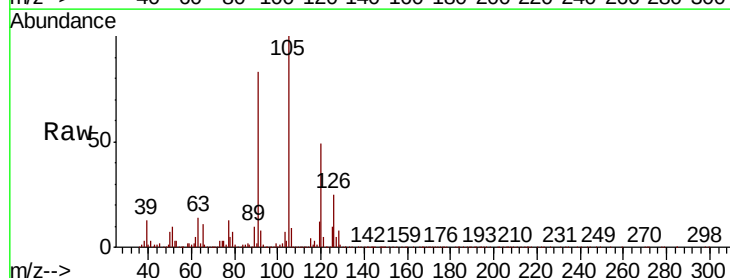
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

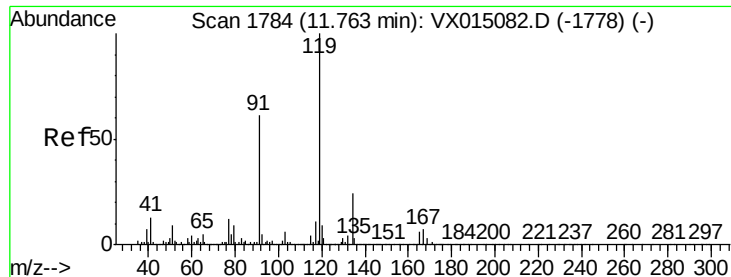
Tot Ion: 75 Resp: 97279
Ion Ratio Lower Upper
75 100
53 98.6 77.9 116.9
89 45.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 52.493 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 91 Resp: 757921
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83

tert-Butylbenzene

Concen: 52.869 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

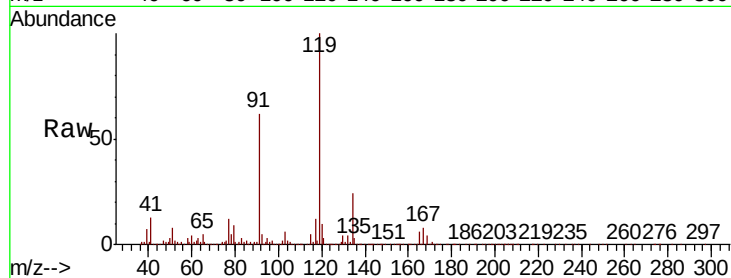
Tot Ion:119 Resp: 762275

Ion Ratio Lower Upper

119 100

91 58.6 28.5 85.6

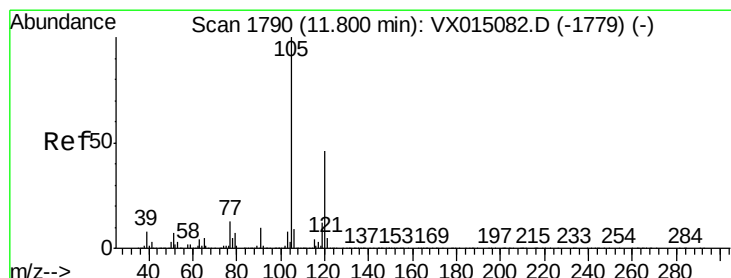
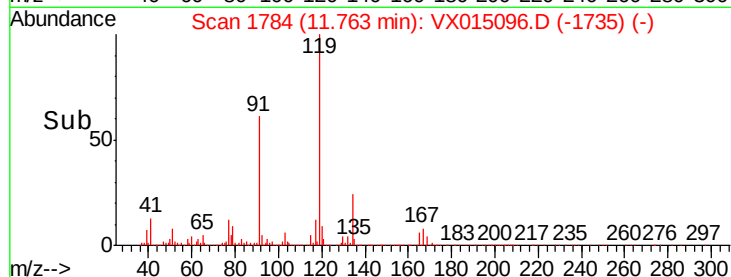
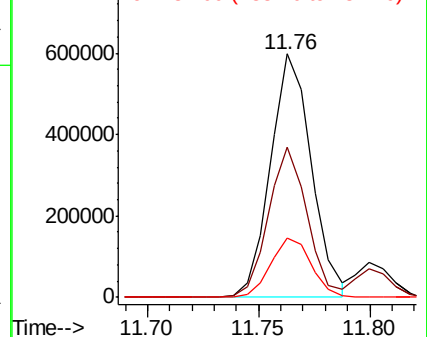
134 24.3 11.9 35.7



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: 54.004 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015096.D

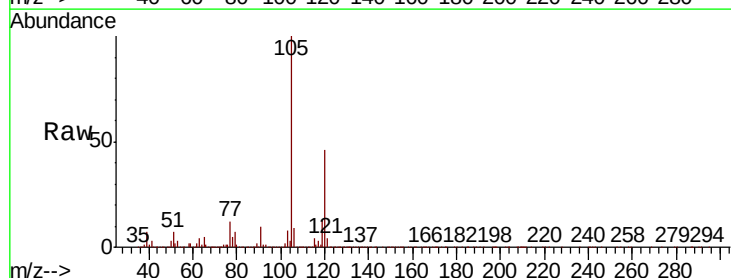
Acq: 05 Mar 2020 08:44

Tgt Ion:105 Resp: 808987

Ion Ratio Lower Upper

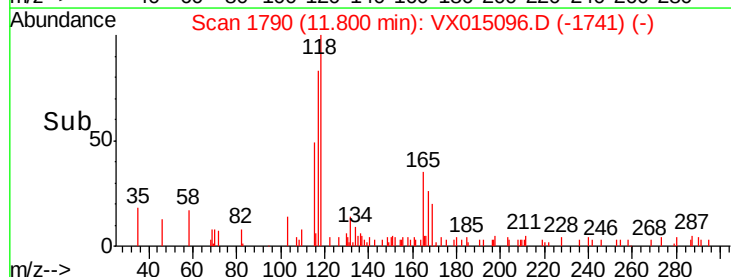
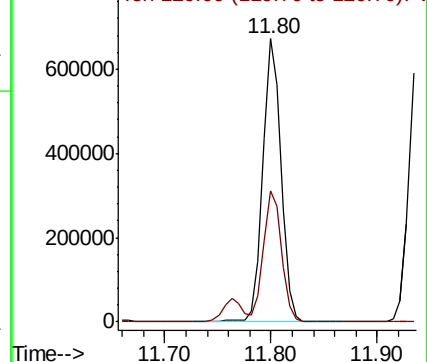
105 100

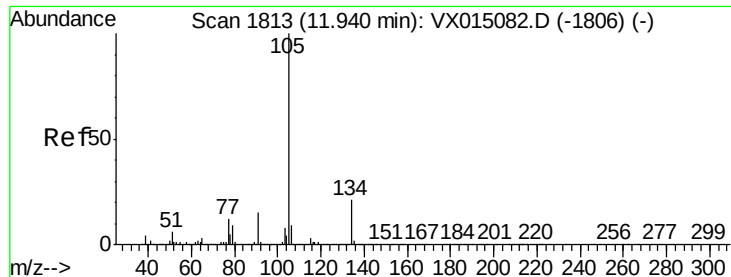
120 45.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.640 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

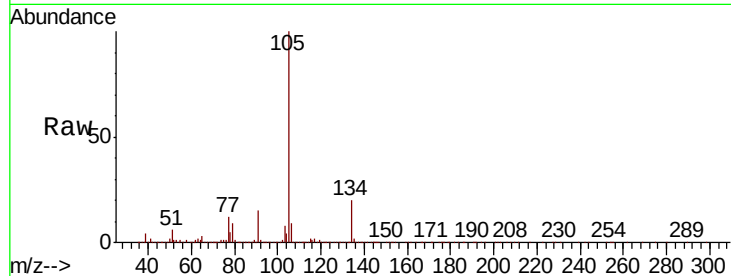
VSTDCCC050

Tot Ion:105 Resp: 951024

Ion Ratio Lower Upper

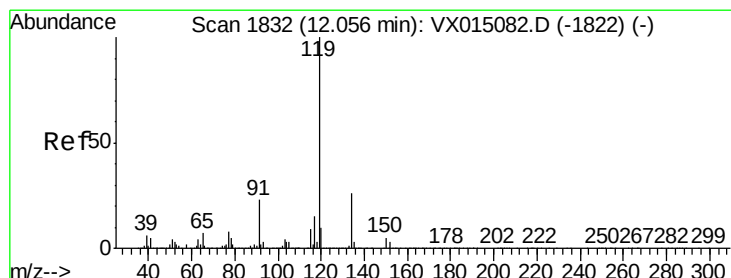
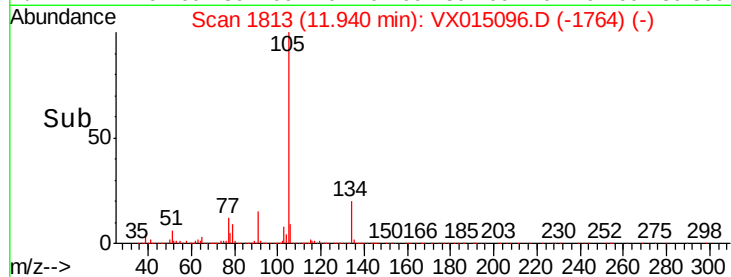
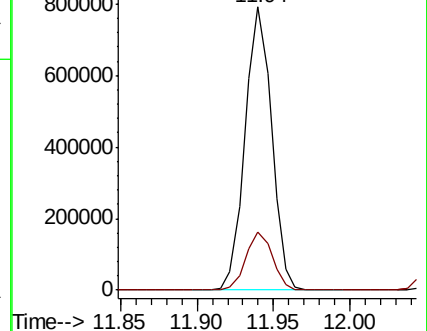
105 100

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



#86

p-Isopropyltoluene

Concen: 55.466 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

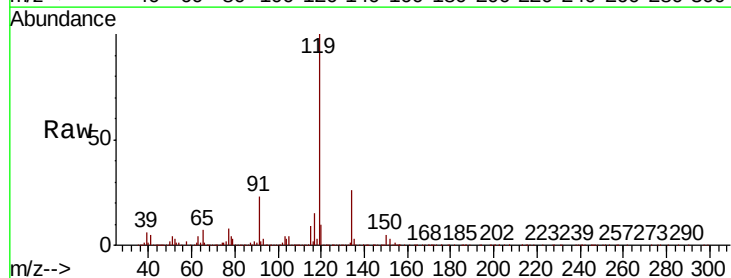
Tgt Ion:119 Resp: 889444

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

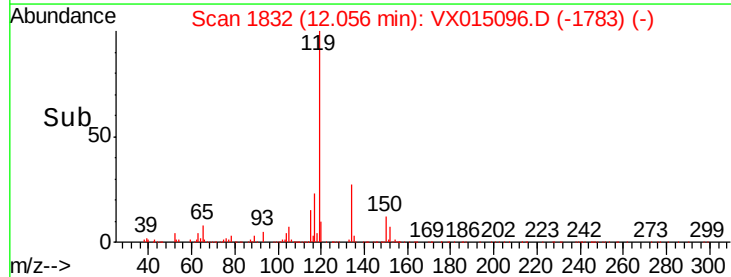
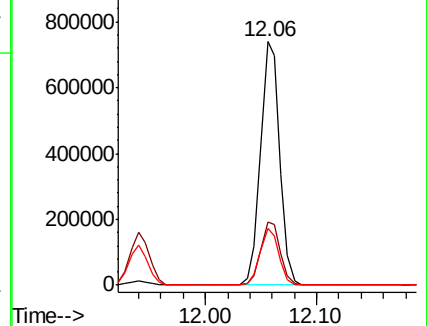
91 22.7 11.3 33.8

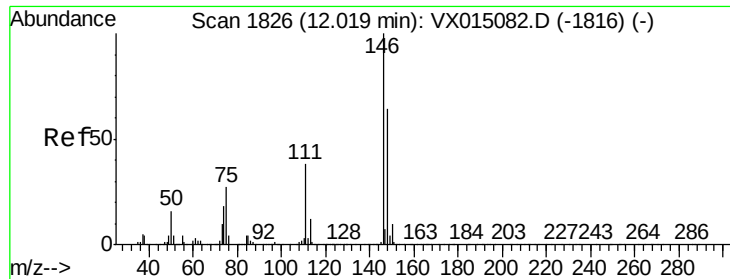


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.648 ug/l

RT: 12.02 min Scan# 1826

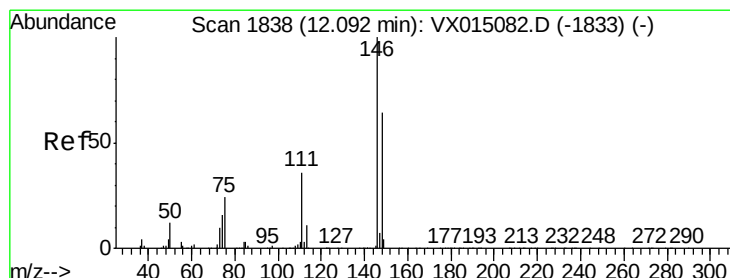
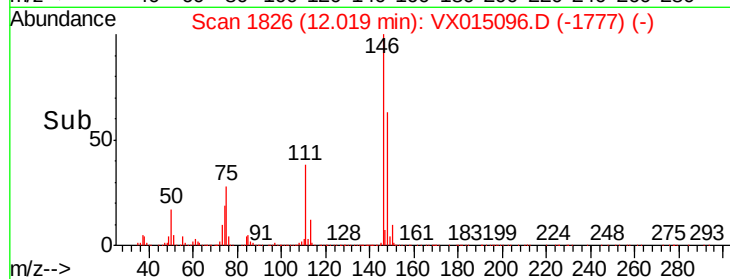
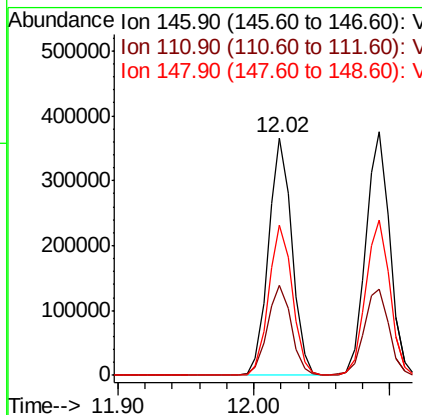
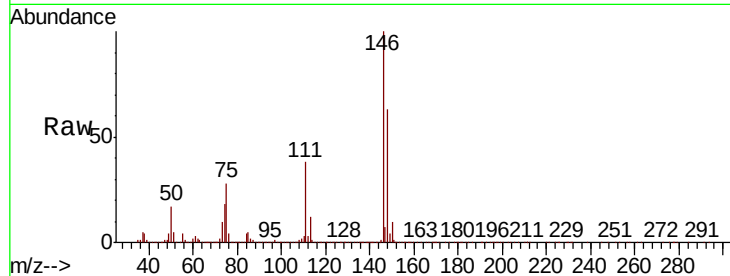
Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	64.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 50.193 ug/l

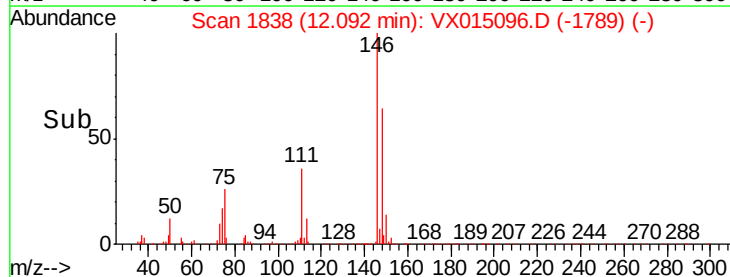
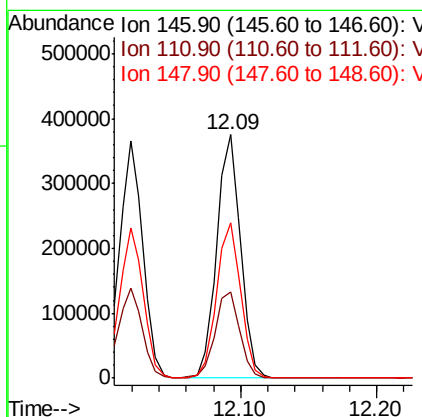
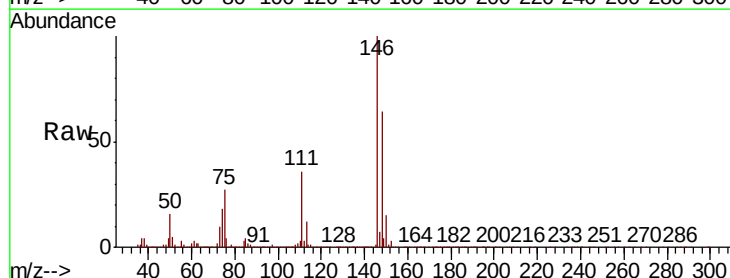
RT: 12.09 min Scan# 1838

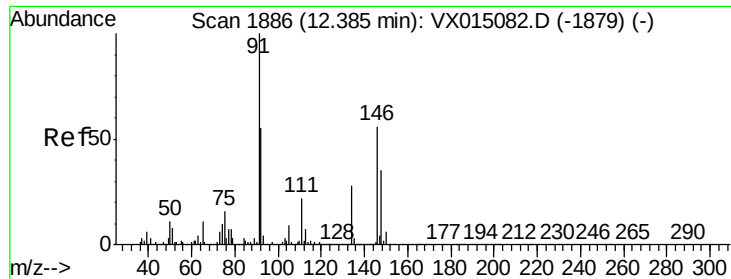
Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.3	32.5	97.4





#89

n-Butylbenzene

Concen: 56.304 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

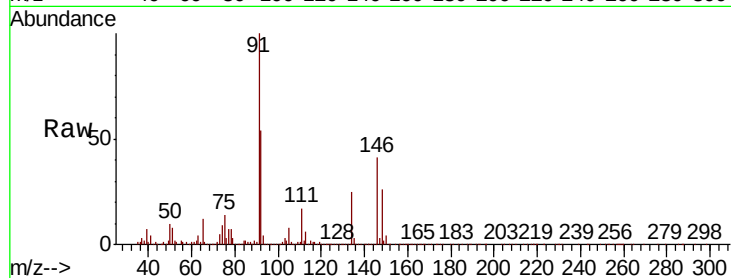
Tot Ion: 91 Resp: 803024

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

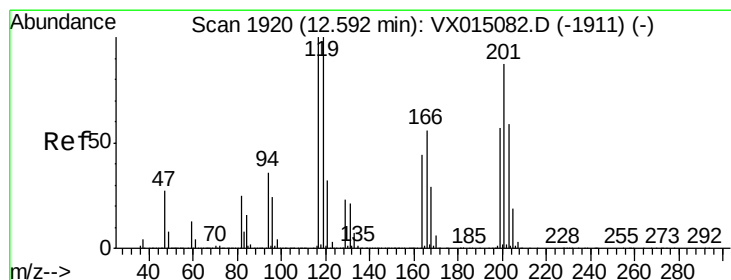
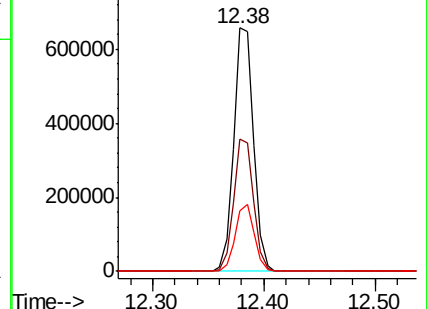
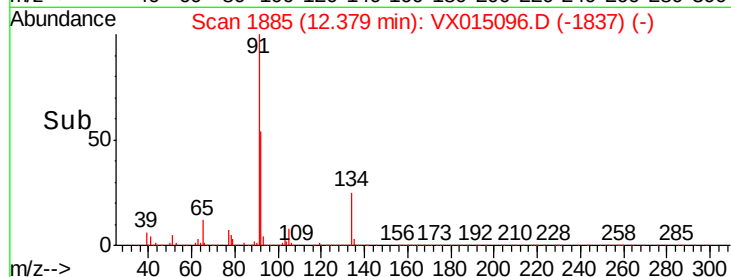
134 26.6 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX015082.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX015082.D (-1879) (-)



#90

Hexachloroethane

Concen: 51.457 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015096.D

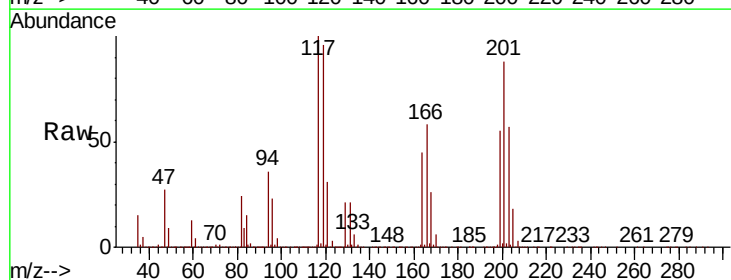
Acq: 05 Mar 2020 08:44

Tgt Ion: 117 Resp: 155999

Ion Ratio Lower Upper

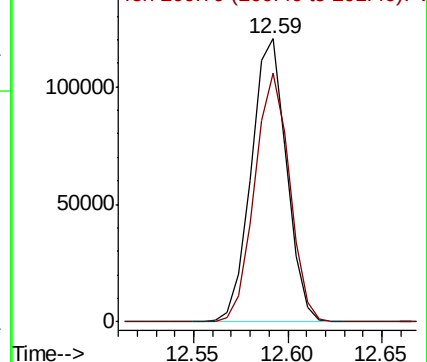
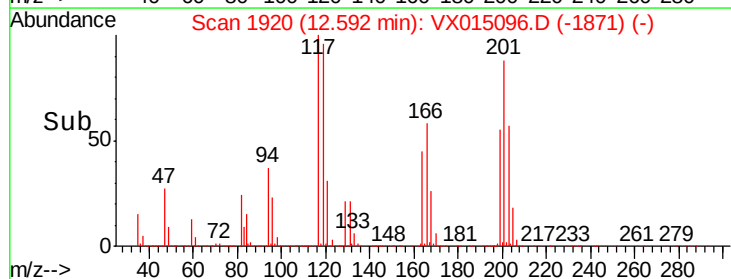
117 100

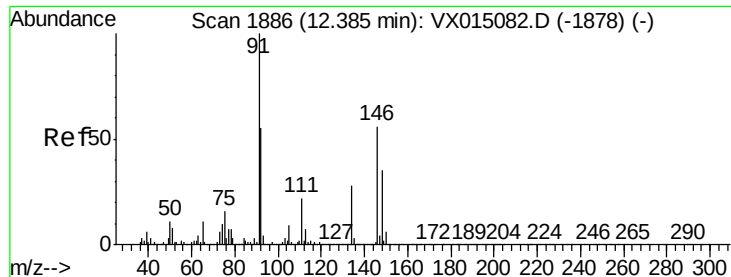
201 87.1 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): VX015082.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX015082.D (-1911) (-)





#91

1,2-Dichlorobenzene

Concen: 50.588 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

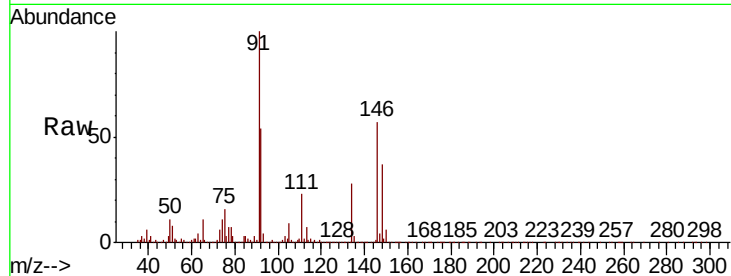
Tot Ion:146 Resp: 441371

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

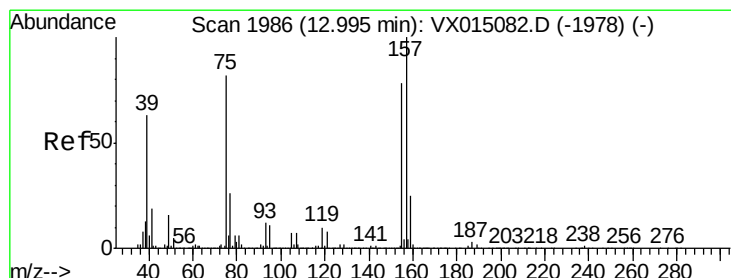
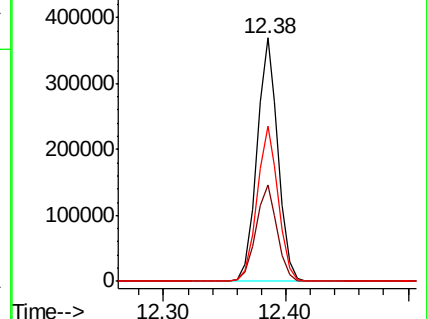
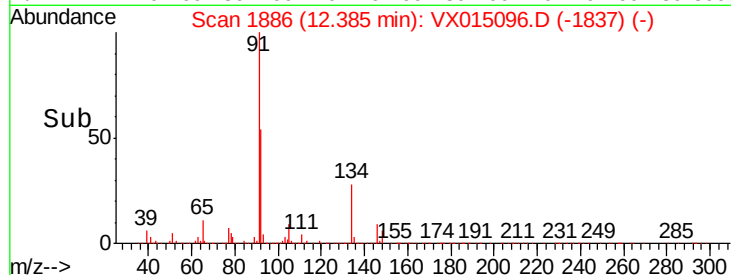
148 64.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.441 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

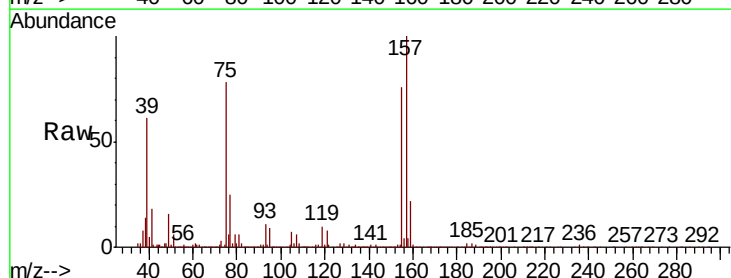
Tgt Ion: 75 Resp: 59100

Ion Ratio Lower Upper

75 100

155 93.8 46.6 139.7

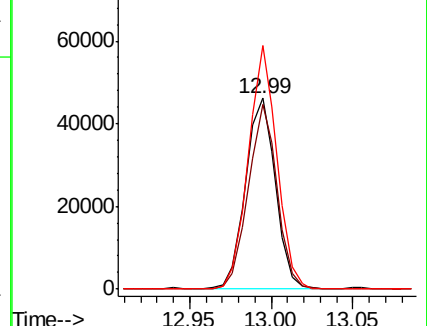
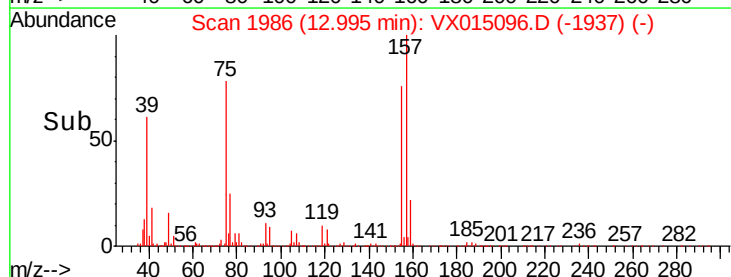
157 122.1 59.2 177.5

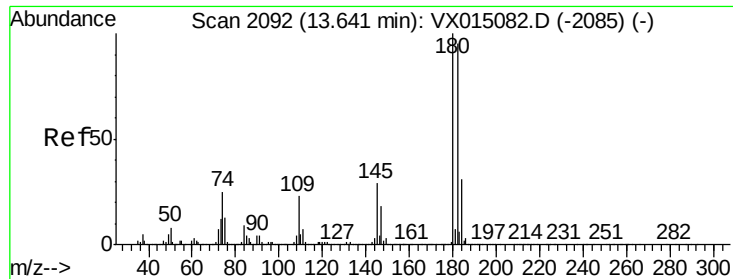


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

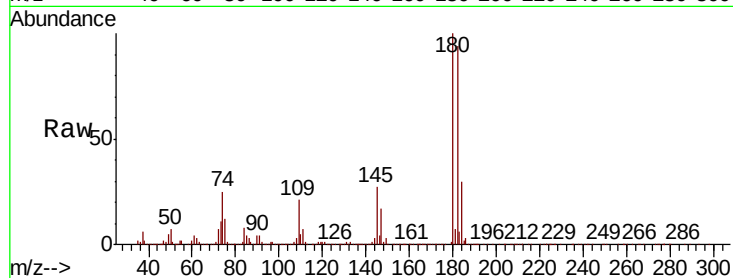




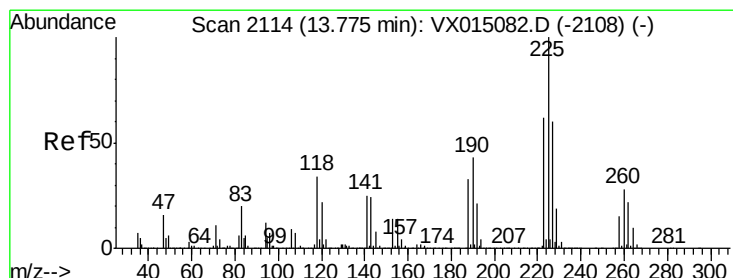
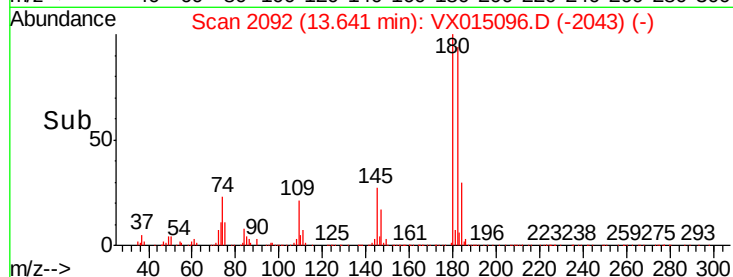
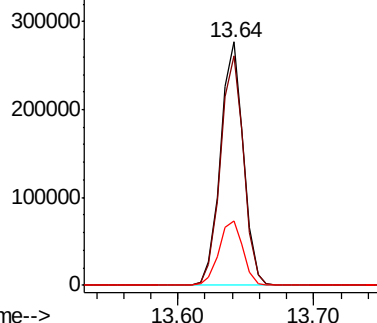
#93
 1,2,4-Trichlorobenzene
 Concen: 54.032 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 327227
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.8
 145 27.6 14.1 42.2

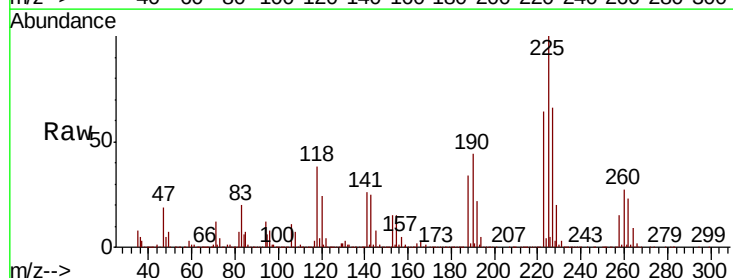


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

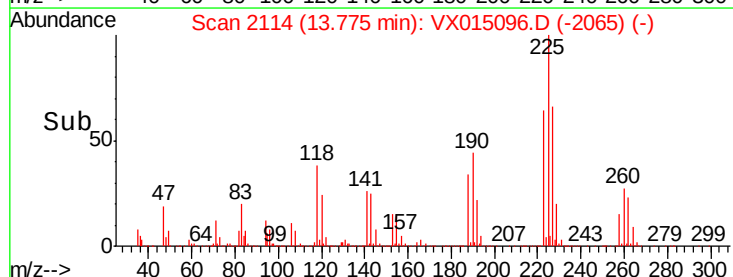
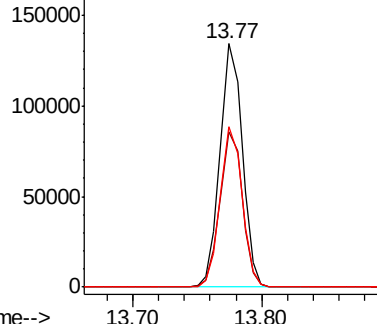


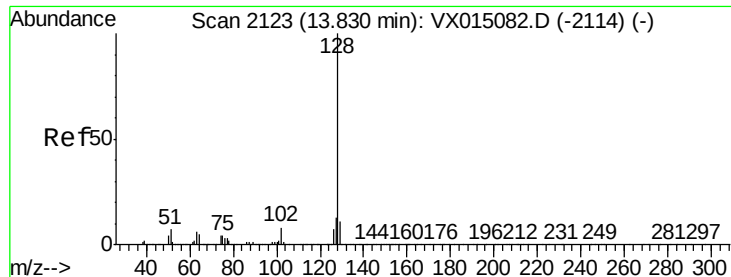
#94
 Hexachlorobutadiene
 Concen: 51.535 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion:225 Resp: 160158
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.9
 227 64.9 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

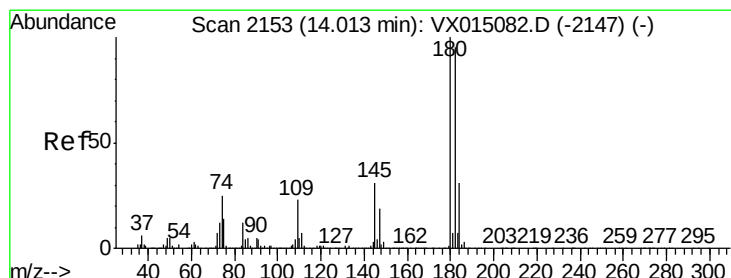
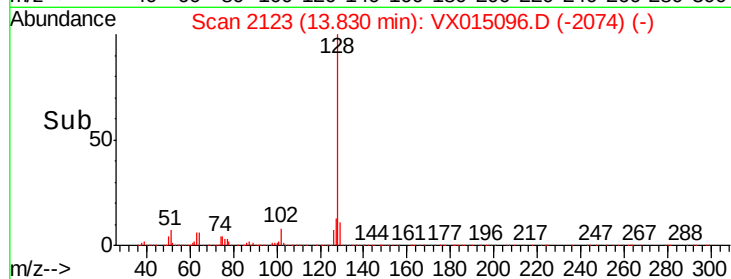
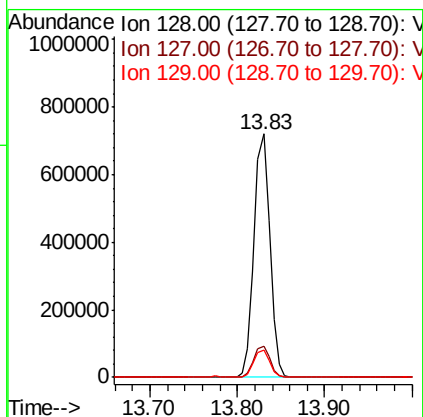
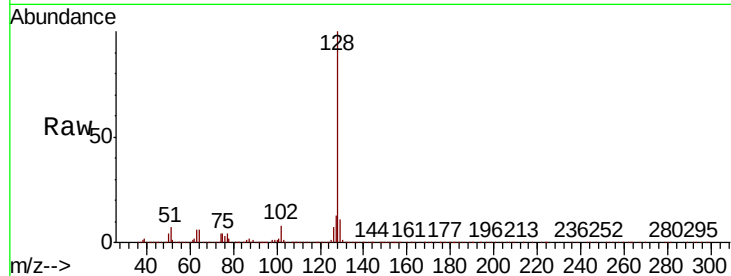




#95
Naphthalene
Concen: 48.569 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.538 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.8	143.4
145	30.1	15.1	45.3

