

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013067.D
 Acq On : 15 Oct 2019 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 16 05:54:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	106320	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
35) Dibromofluoromethane	5.48	113	85696	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
50) Toluene-d8	8.71	98	323873	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	131525	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	86698	47.931	ug/l	97
3) Chloromethane	1.32	50	89933	45.685	ug/l	97
4) Vinyl Chloride	1.40	62	91216	44.894	ug/l	99
5) Bromomethane	1.63	94	33446	39.599	ug/l	96
6) Chloroethane	1.70	64	58950	47.516	ug/l	96
7) Trichlorofluoromethane	1.92	101	140225	51.133	ug/l	97
8) Diethyl Ether	2.18	74	51785	46.783	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91366	51.478	ug/l	99
10) Methyl Iodide	2.50	142	102301	50.789	ug/l	99
11) Tert butyl alcohol	3.03	59	117869	200.475	ug/l	99
12) 1,1-Dichloroethene	2.36	96	86414	48.189	ug/l	93
13) Acrolein	2.28	56	99101	237.181	ug/l	100
14) Allyl chloride	2.72	41	149461	46.802	ug/l	99
15) Acrylonitrile	3.13	53	257477	231.086	ug/l	99
16) Acetone	2.44	43	283317	242.346	ug/l	99
17) Carbon Disulfide	2.56	76	215704	42.186	ug/l	98
18) Methyl Acetate	2.76	43	125153	45.165	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	308391	49.799	ug/l	99
20) Methylene Chloride	2.84	84	101154	47.081	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	93639	48.719	ug/l	97
22) Diisopropyl ether	3.84	45	300888	49.170	ug/l	98
23) Vinyl Acetate	3.80	43	1283072	242.884	ug/l	99
24) 1,1-Dichloroethane	3.69	63	170470	49.518	ug/l	99
25) 2-Butanone	4.65	43	379628	234.062	ug/l	98
26) 2,2-Dichloropropane	4.57	77	146794	50.708	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	109139	49.262	ug/l	98
28) Bromochloromethane	5.00	49	52219	50.763	ug/l #	13
29) Tetrahydrofuran	5.11	42	219406	219.831	ug/l	98
30) Chloroform	5.19	83	175405	49.656	ug/l	99
31) Cyclohexane	5.57	56	150465	46.742	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	153446	51.268	ug/l	98
36) 1,1-Dichloropropene	5.78	75	128592	51.025	ug/l	99
37) Ethyl Acetate	4.82	43	133633	47.421	ug/l	99
38) Carbon Tetrachloride	5.77	117	129771	52.903	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	162380	53.130	ug/l	99
40) Benzene	6.13	78	385283	51.762	ug/l	99
41) Methacrylonitrile	5.03	41	74300	47.983	ug/l	99
42) 1,2-Dichloroethane	6.18	62	138762	51.954	ug/l	99
43) Isopropyl Acetate	6.43	43	221856	49.050	ug/l	99
44) Trichloroethene	7.20	130	103540	50.163	ug/l	92
45) 1,2-Dichloropropane	7.50	63	98272	51.802	ug/l	96
46) Dibromomethane	7.65	93	67154	53.131	ug/l	100
47) Bromodichloromethane	7.89	83	133020	53.929	ug/l	97
48) Methyl methacrylate	7.76	41	108536	49.242	ug/l	100
49) 1,4-Dioxane	7.73	88	51560	876.201	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	679862	241.086	ug/l	99
52) Toluene	8.78	92	248239	52.130	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	147659	48.057	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163743	53.975	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102170	54.216	ug/l	98
56) Ethyl methacrylate	9.17	69	158729	47.146	ug/l	99
57) 1,3-Dichloropropane	9.36	76	166932	51.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	343802	248.341	ug/l	99
59) 2-Hexanone	9.48	43	551116	251.056	ug/l	100
60) Dibromochloromethane	9.57	129	103774	49.503	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103637	52.278	ug/l	99
64) Tetrachloroethene	9.33	164	99715	56.168	ug/l	97
65) Chlorobenzene	10.14	112	265615	52.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97545	55.350	ug/l	99
67) Ethyl Benzene	10.25	91	482248	53.413	ug/l	98
68) m/p-Xylenes	10.35	106	364648	108.110	ug/l	99
69) o-Xylene	10.70	106	177467	53.955	ug/l	98
70) Styrene	10.71	104	308106	55.101	ug/l	100
71) Bromoform	10.85	173	72018	48.097	ug/l #	99
73) Isopropylbenzene	11.01	105	480779	51.772	ug/l	100
74) N-amyl acetate	10.89	43	195608	48.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	150942	48.870	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	176165	62.882	ug/l	77
77) Bromobenzene	11.25	156	112384	51.356	ug/l	100
78) n-propylbenzene	11.35	91	536283	52.482	ug/l	99
79) 2-Chlorotoluene	11.42	91	320626	49.926	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	393984	50.809	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49229	45.580	ug/l	97
82) 4-Chlorotoluene	11.51	91	367053	49.866	ug/l	99
83) tert-Butylbenzene	11.76	119	371000	49.047	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	399844	50.915	ug/l	96
85) sec-Butylbenzene	11.94	105	440766	50.296	ug/l	100
86) p-Isopropyltoluene	12.06	119	433310	53.314	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205670	50.611	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	204673	49.731	ug/l	99
89) n-Butylbenzene	12.39	91	368334	53.922	ug/l	99
90) Hexachloroethane	12.59	117	69839	46.548	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	207301	52.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35144	48.546	ug/l	98

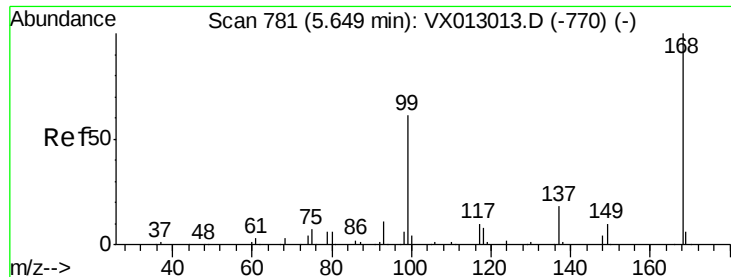
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	129967	52.078	ug/l	99
94) Hexachlorobutadiene	13.78	225	62763	54.494	ug/l	99
95) Naphthalene	13.83	128	426025	49.245	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130390	50.559	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

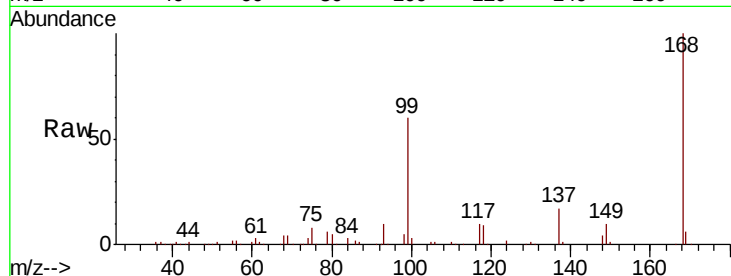
VSTDCCC050

Tot Ion:168 Resp: 177451

Ion Ratio Lower Upper

168 100

99 60.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

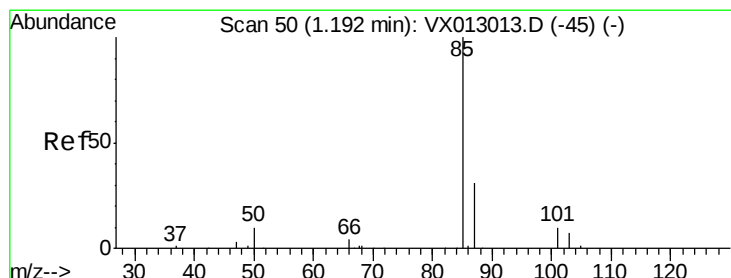
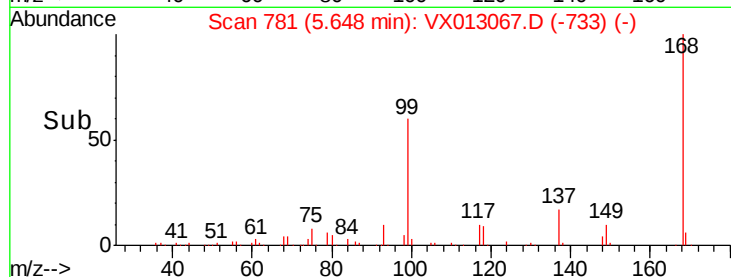
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.931 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013067.D

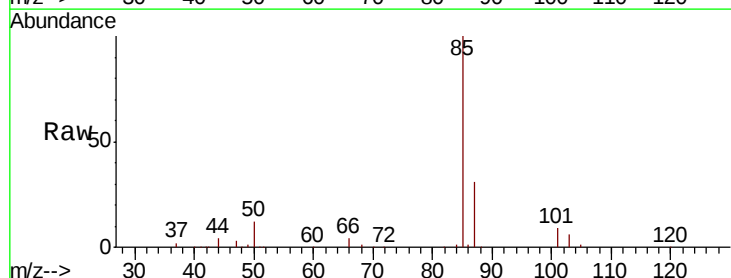
Acq: 15 Oct 2019 10:27

Tgt Ion: 85 Resp: 86698

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

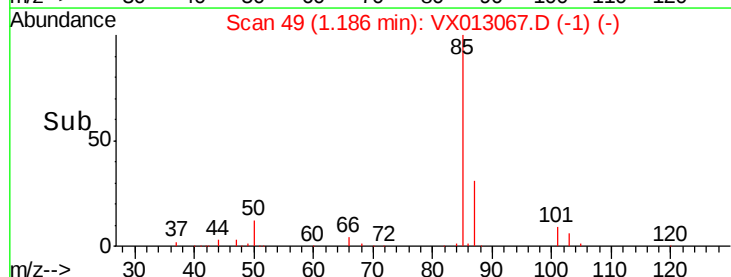
40000

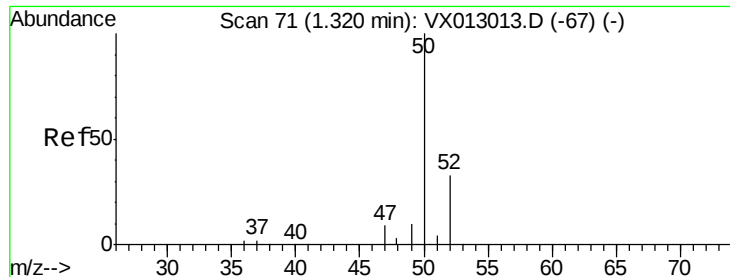
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.685 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

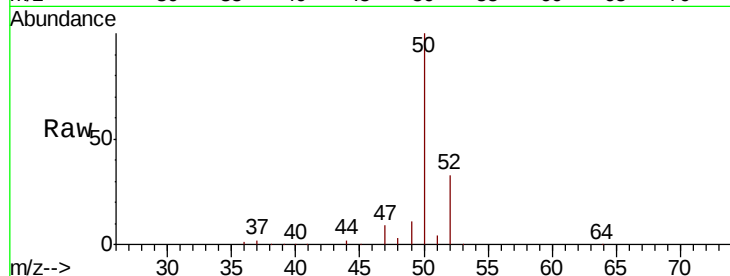
VSTDCCC050

Tot Ion: 50 Resp: 89933

Ion Ratio Lower Upper

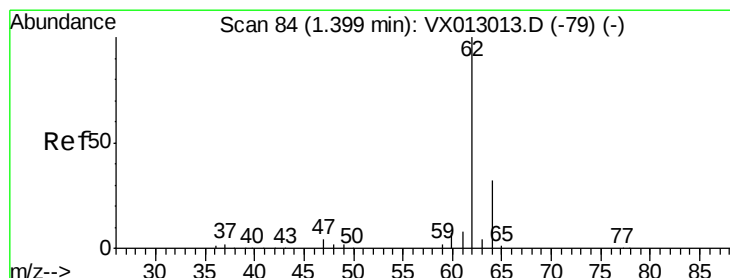
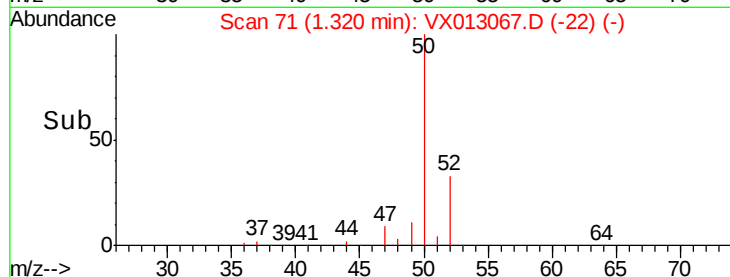
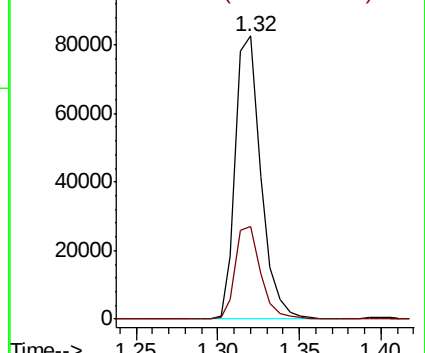
50 100

52 32.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.894 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013067.D

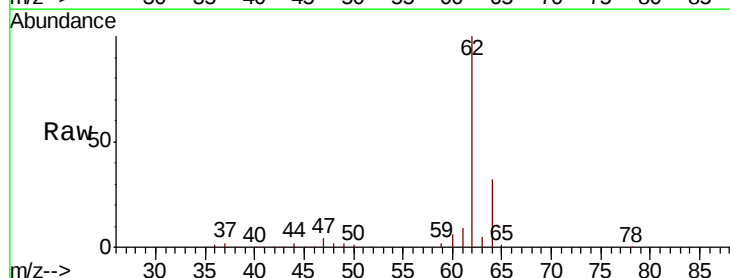
Acq: 15 Oct 2019 10:27

Tgt Ion: 62 Resp: 91216

Ion Ratio Lower Upper

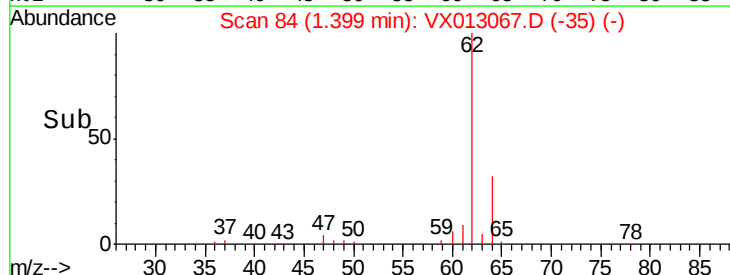
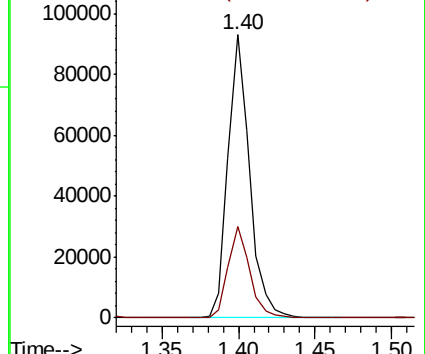
62 100

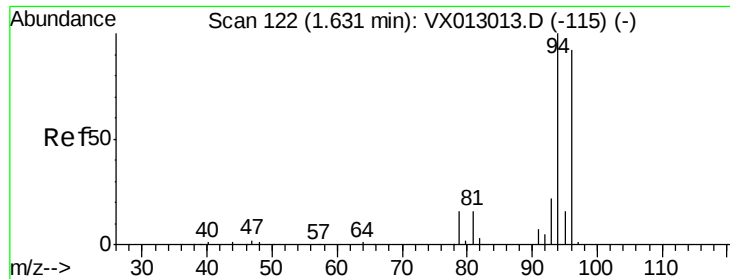
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.599 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

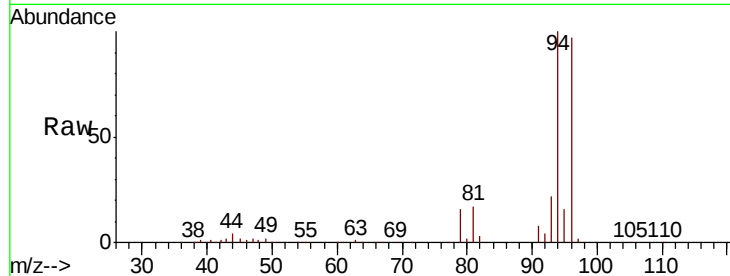
VSTDCCC050

Tot Ion: 94 Resp: 33446

Ion Ratio Lower Upper

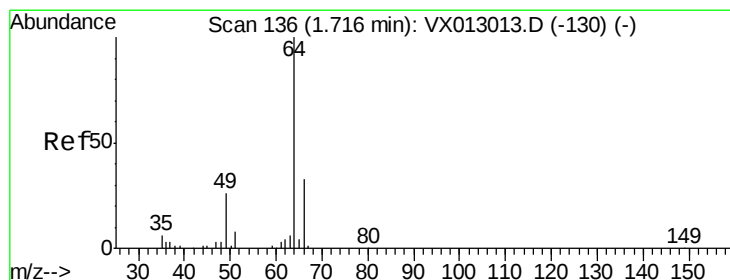
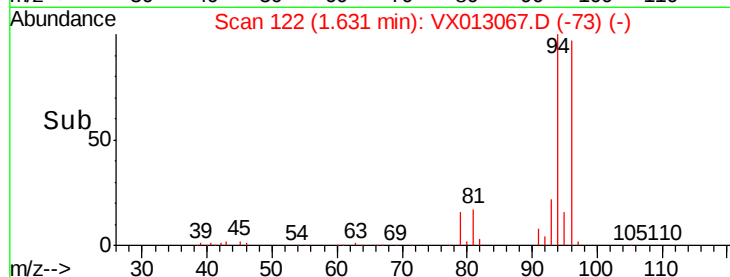
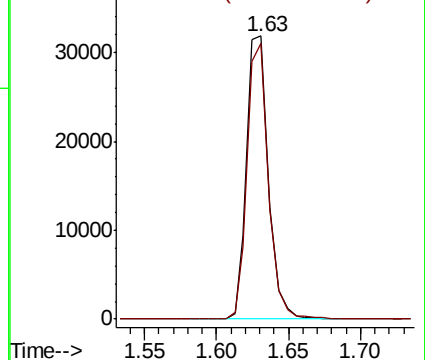
94 100

96 97.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.516 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013067.D

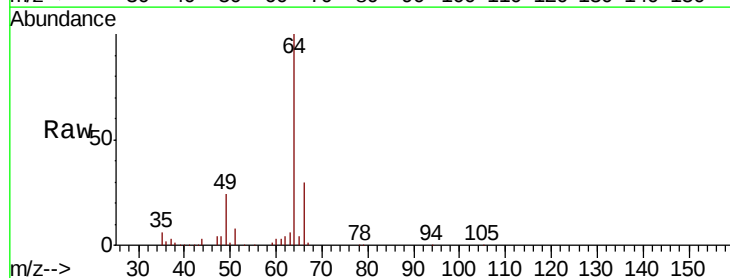
Acq: 15 Oct 2019 10:27

Tgt Ion: 64 Resp: 58950

Ion Ratio Lower Upper

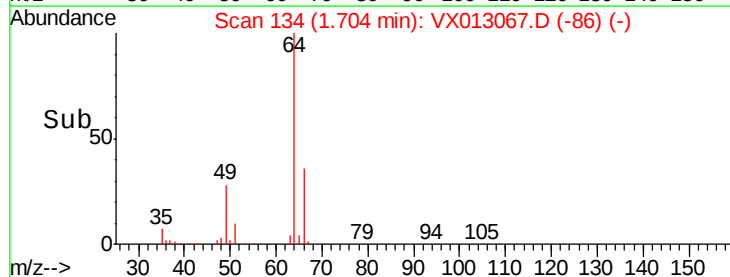
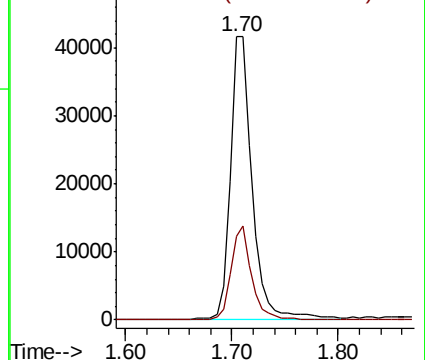
64 100

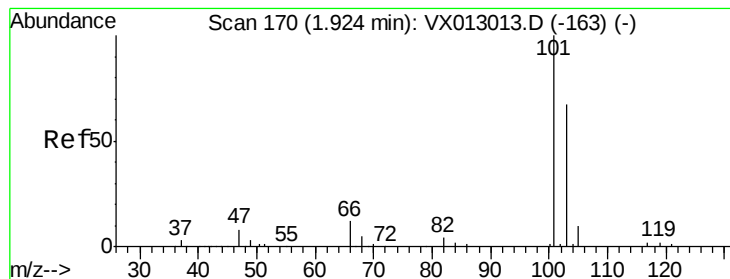
66 29.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



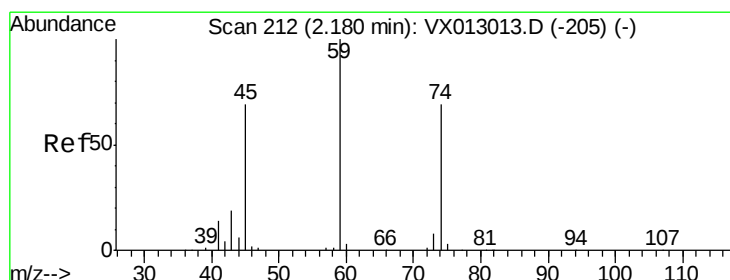
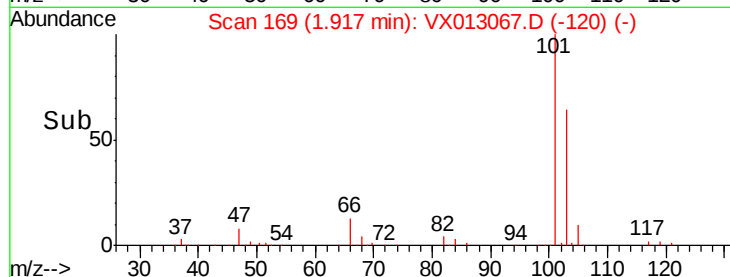
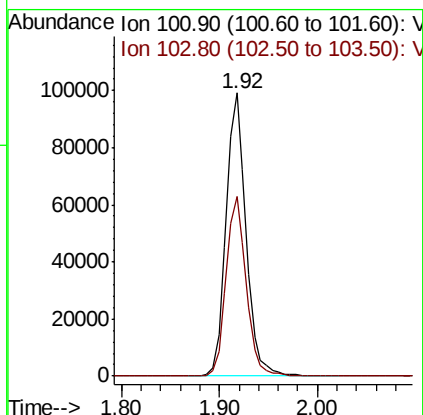
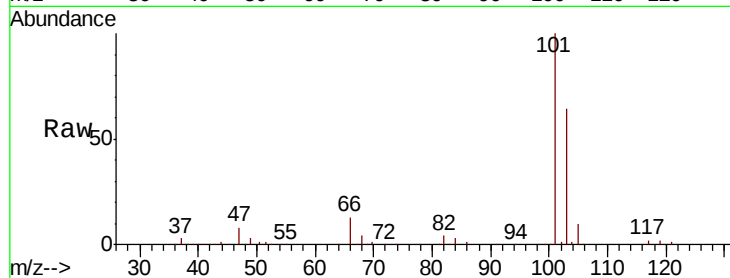


#7

Trichlorofluoromethane
Concen: 51.133 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
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VSTDCCC050

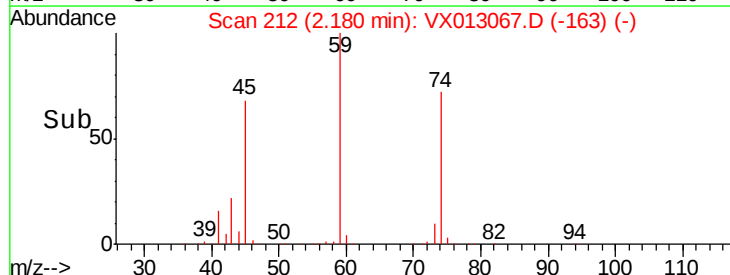
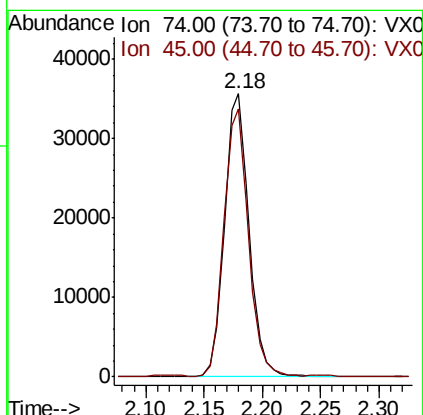
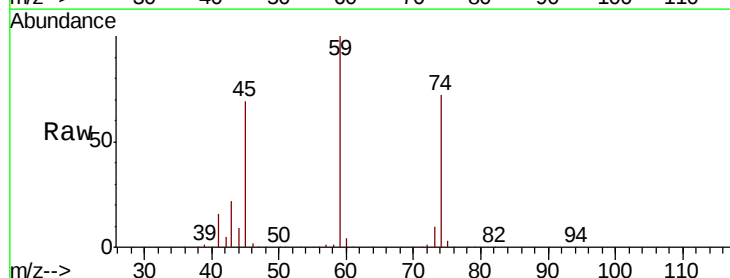
Tot Ion:101 Resp: 140225
Ion Ratio Lower Upper
101 100
103 63.6 52.5 78.7

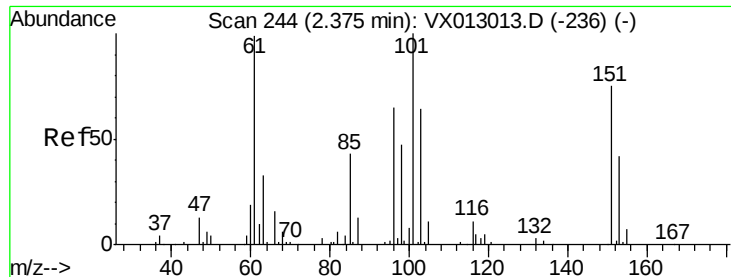


#8

Diethyl Ether
Concen: 46.783 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 74 Resp: 51785
Ion Ratio Lower Upper
74 100
45 94.2 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.478 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

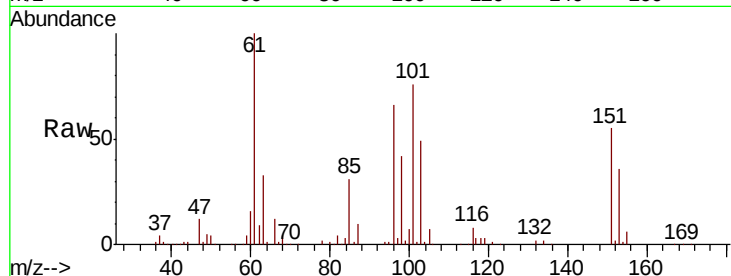
Tot Ion:101 Resp: 91366

Ion Ratio Lower Upper

101 100

85 43.2 35.2 52.8

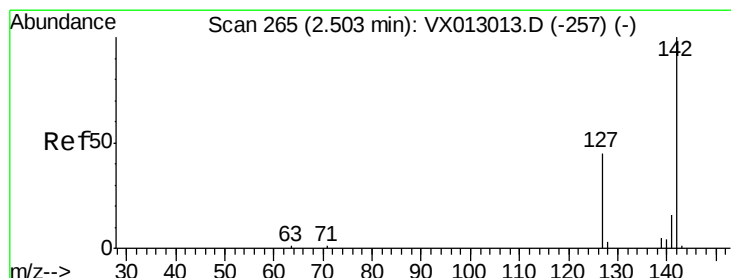
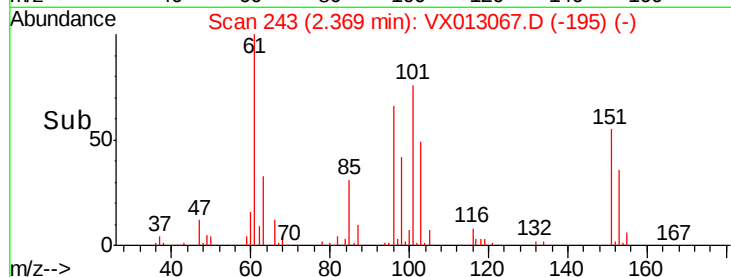
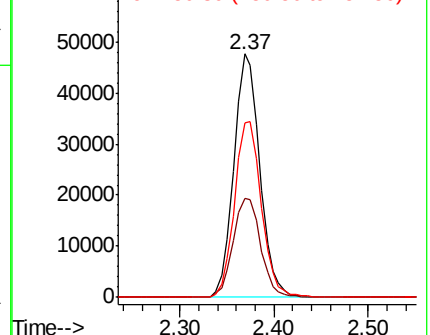
151 74.7 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.789 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

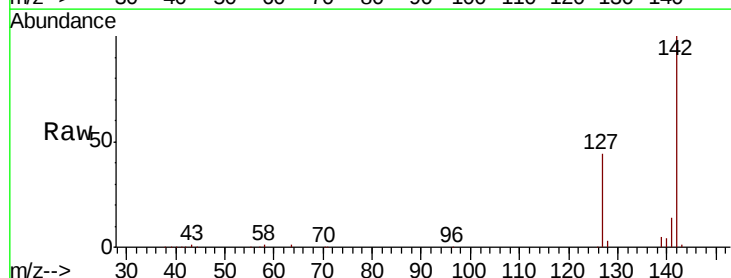
Tgt Ion:142 Resp: 102301

Ion Ratio Lower Upper

142 100

127 43.4 34.9 52.3

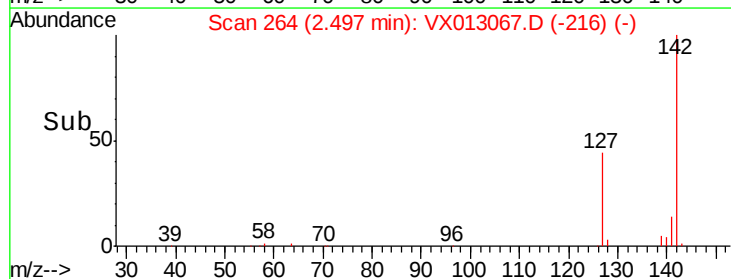
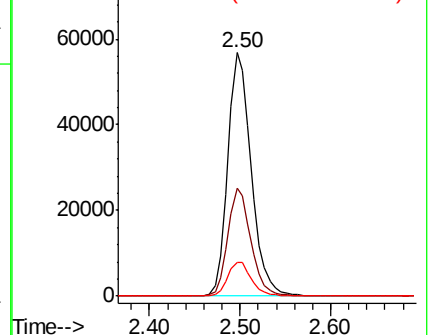
141 14.1 11.6 17.4

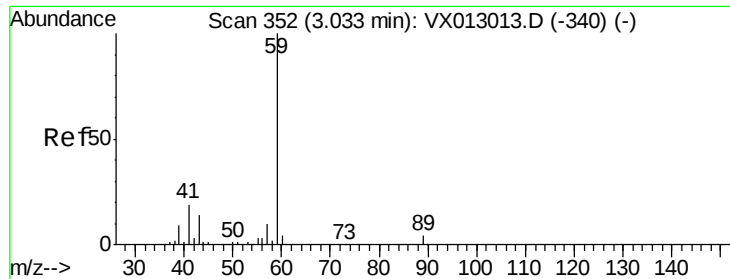


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

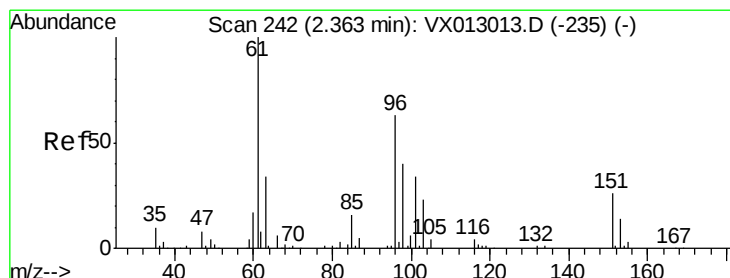
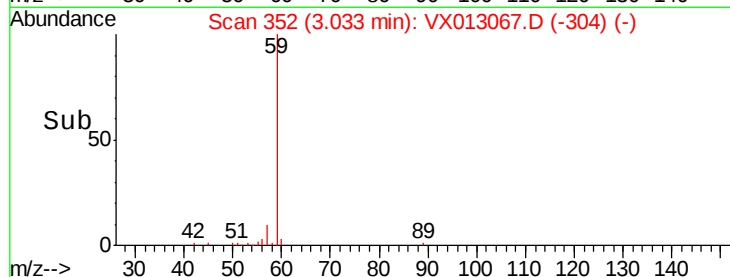
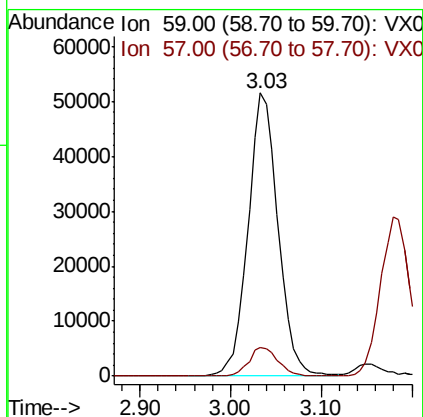
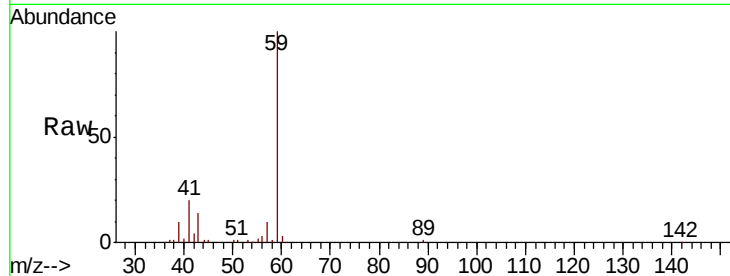




#11
Tert butyl alcohol
Concen: 200.475 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

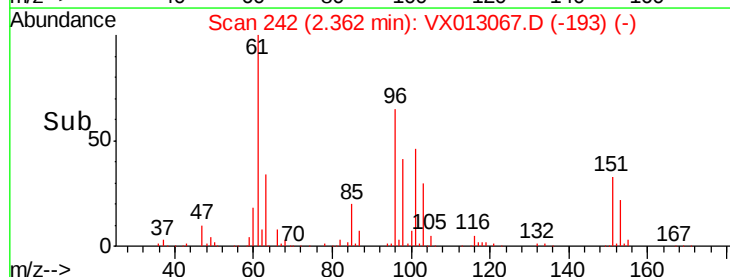
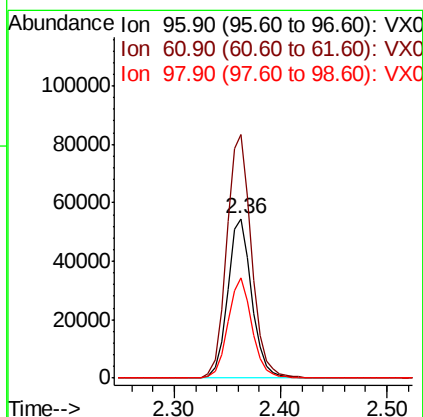
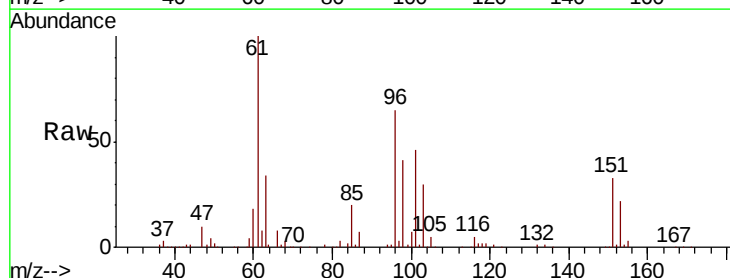
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

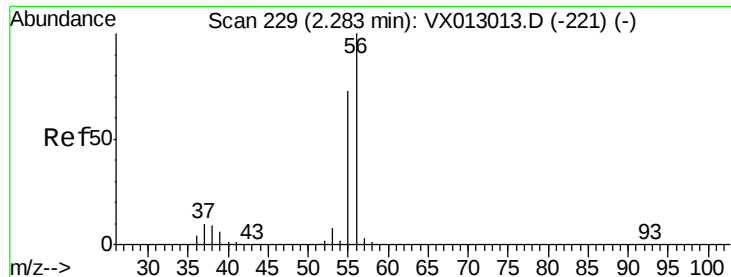
Tot Ion: 59 Resp: 117869
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.189 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 96 Resp: 86414
Ion Ratio Lower Upper
96 100
61 152.8 132.2 198.4
98 63.2 50.5 75.7

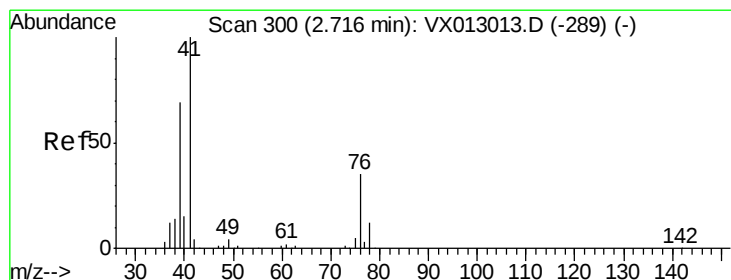
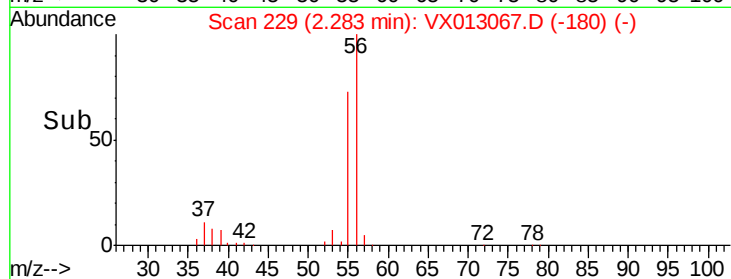
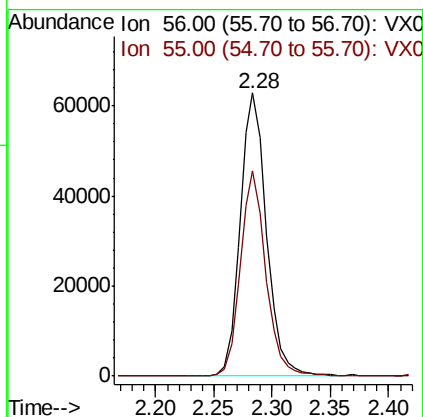
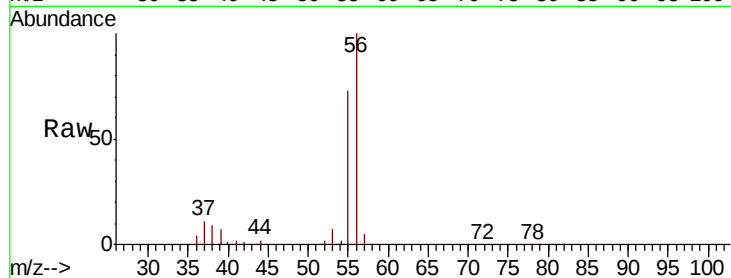




#13
Acrolein
Concen: 237.181 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

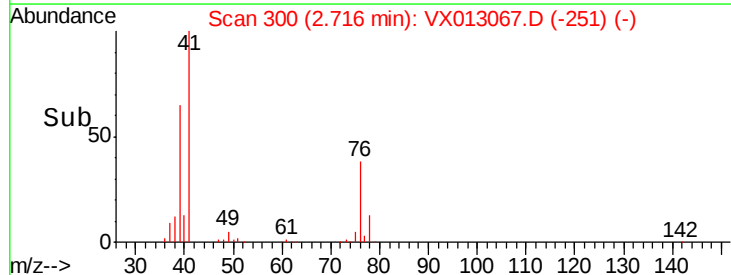
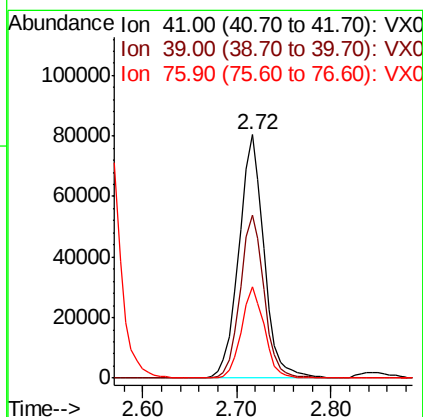
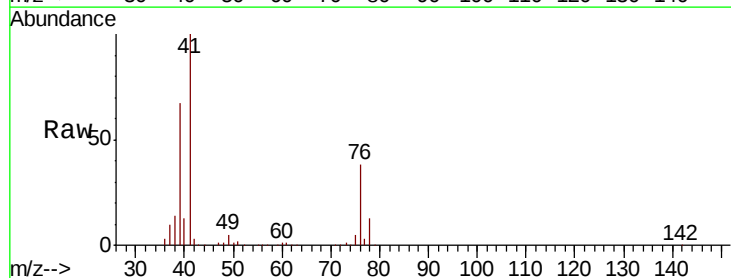
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

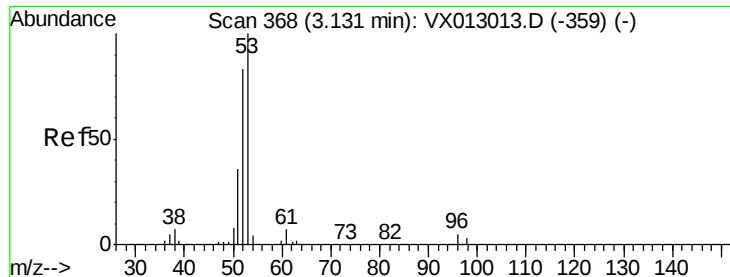
Tot Ion: 56 Resp: 99101
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0



#14
Allyl chloride
Concen: 46.802 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 41 Resp: 149461
Ion Ratio Lower Upper
41 100
39 63.8 51.0 76.6
76 34.6 26.2 39.4





#15

Acrylonitrile

Concen: 231.086 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

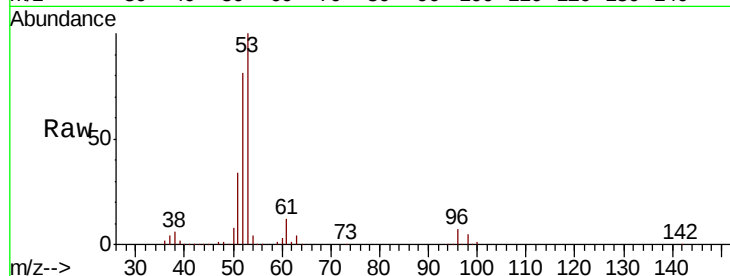
Tot Ion: 53 Resp: 257477

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

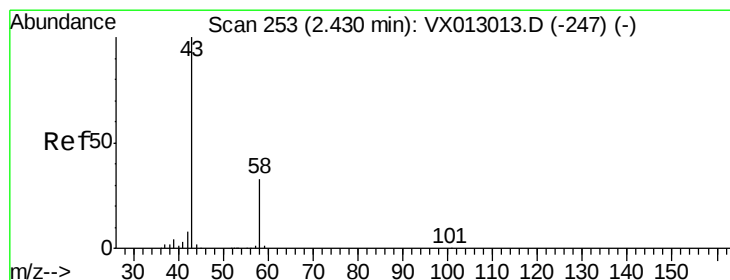
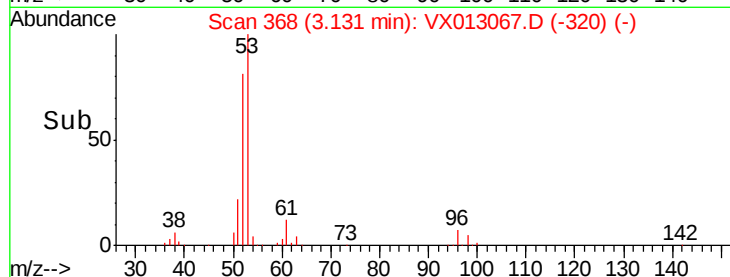
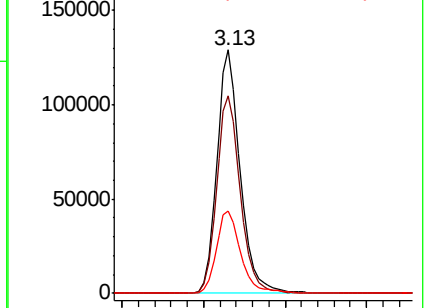
51 35.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 242.346 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013067.D

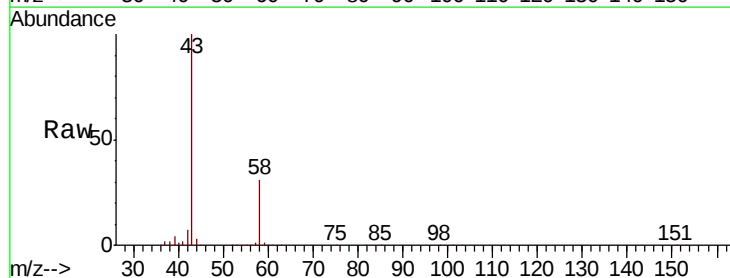
Acq: 15 Oct 2019 10:27

Tgt Ion: 43 Resp: 283317

Ion Ratio Lower Upper

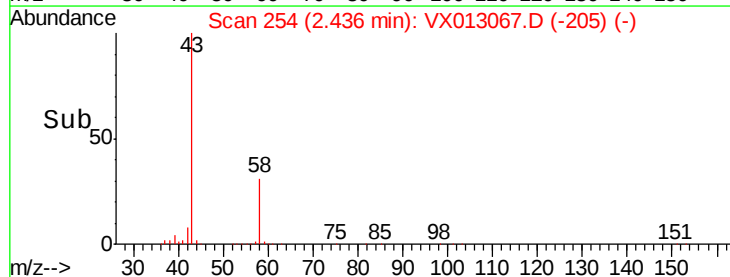
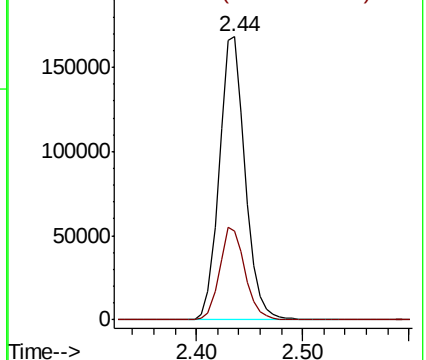
43 100

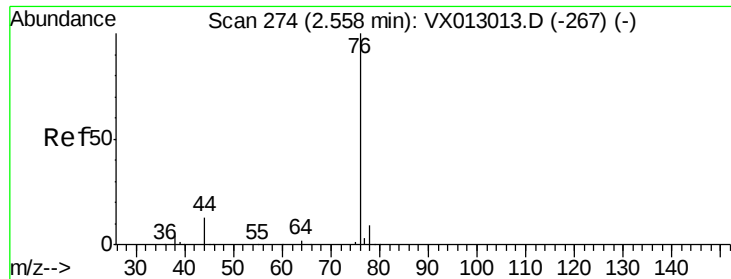
58 31.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

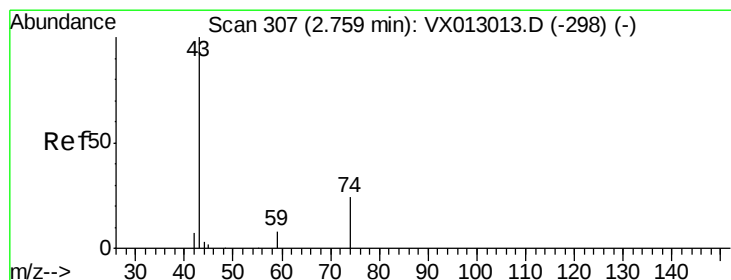
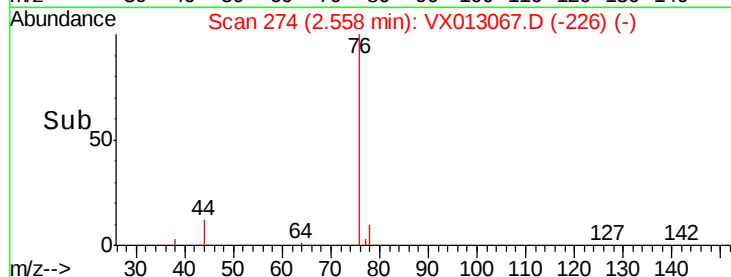
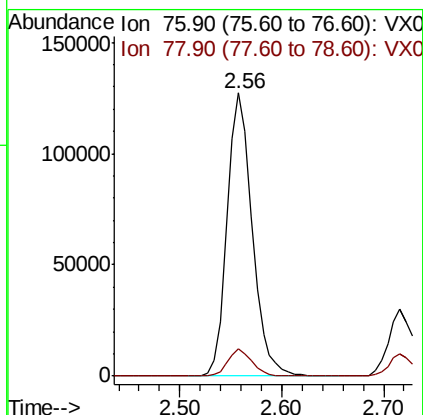
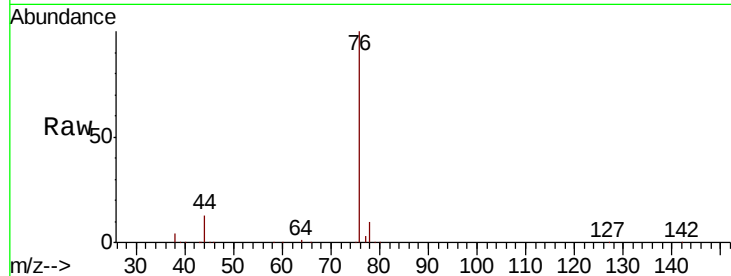




#17
Carbon Disulfide
Concen: 42.186 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

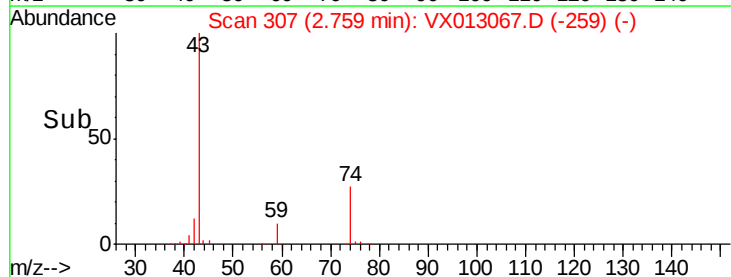
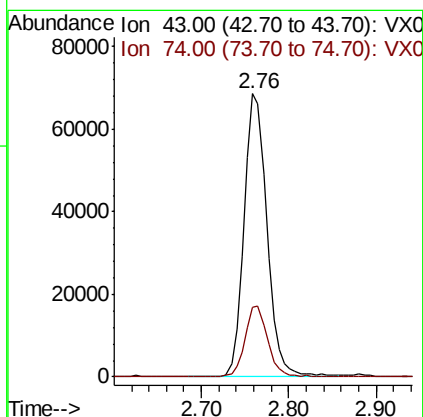
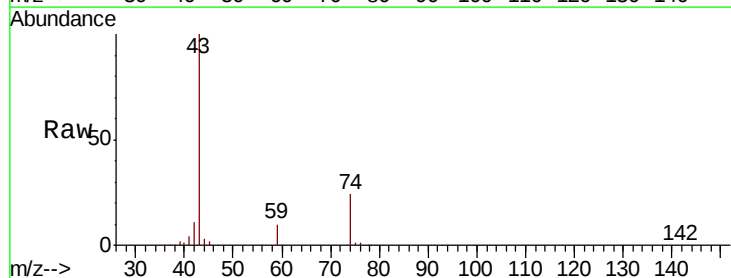
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

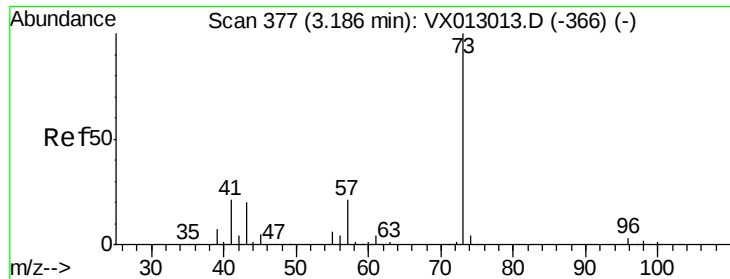
Tot Ion: 76 Resp: 215704
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 45.165 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 43 Resp: 125153
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8

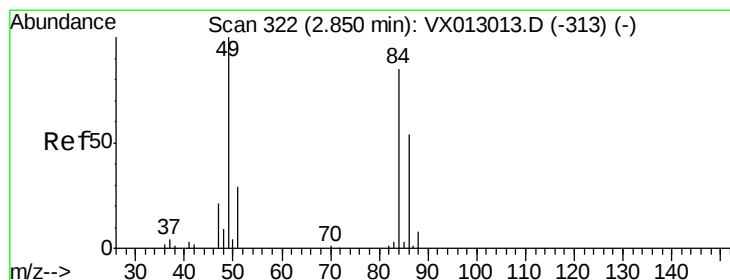
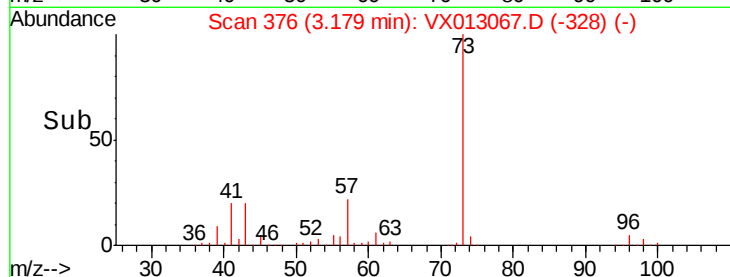
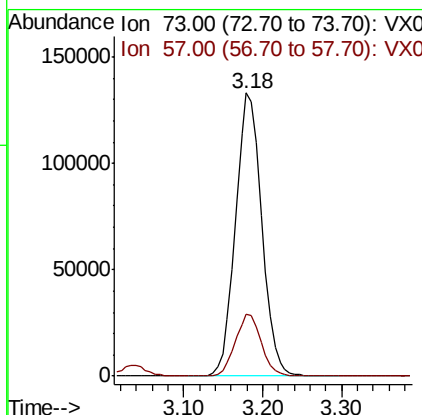
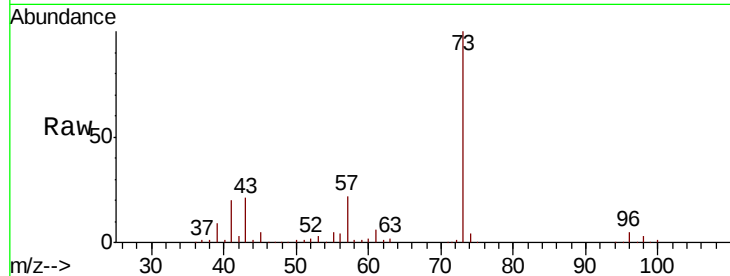




#19
Methyl tert-butyl Ether
Concen: 49.799 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

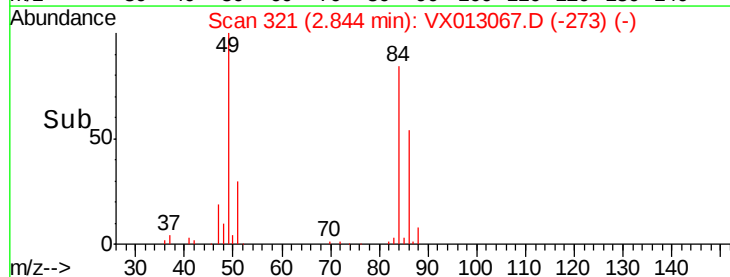
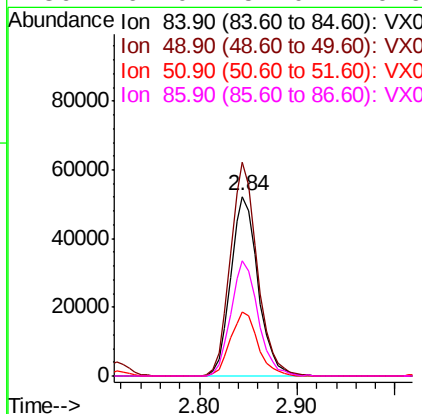
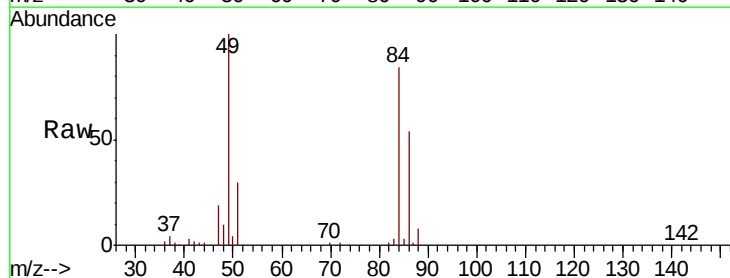
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

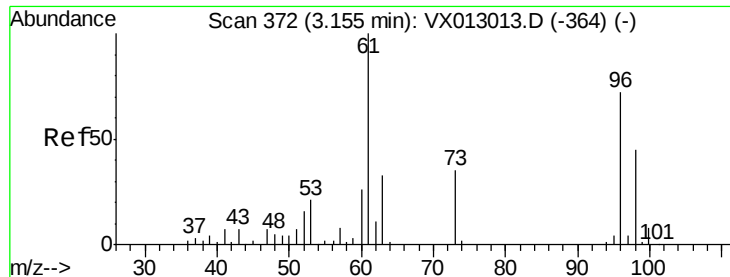
Tot Ion: 73 Resp: 308391
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.6



#20
Methylene Chloride
Concen: 47.081 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 84 Resp: 101154
Ion Ratio Lower Upper
84 100
49 118.8 96.6 144.8
51 35.6 30.7 46.1
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.719 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

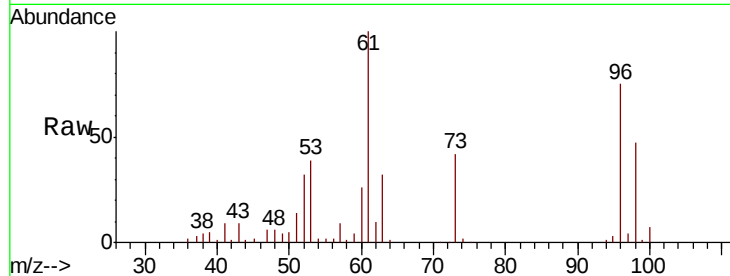
Tot Ion: 96 Resp: 93639

Ion Ratio Lower Upper

96 100

61 133.8 110.4 165.6

98 62.8 51.5 77.3

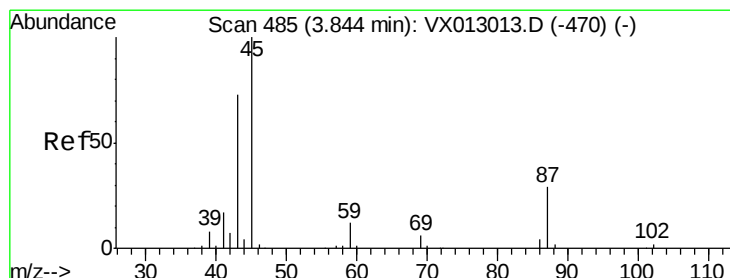
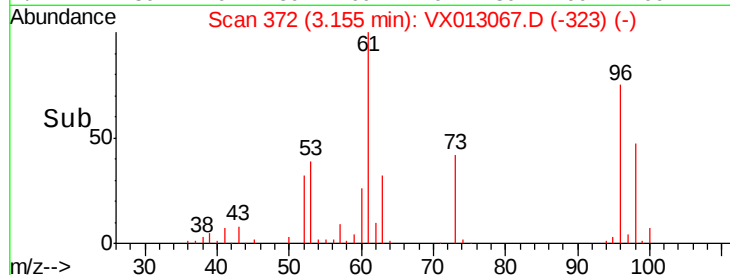
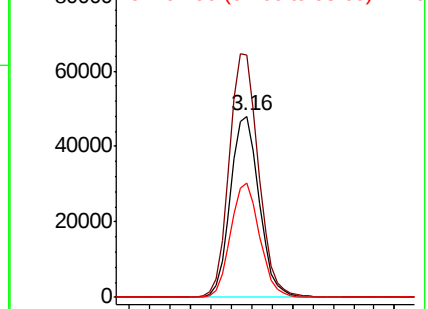


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.170 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion: 45 Resp: 300888

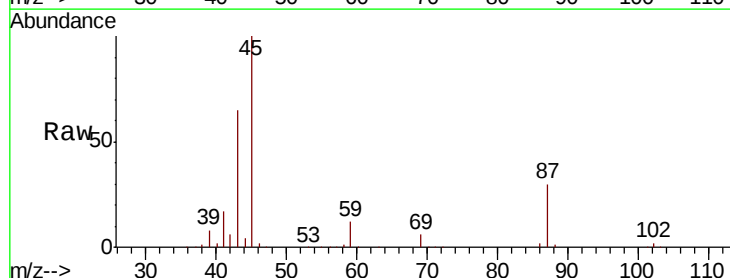
Ion Ratio Lower Upper

45 100

43 65.2 51.4 77.0

87 29.7 22.5 33.7

59 11.5 9.7 14.5



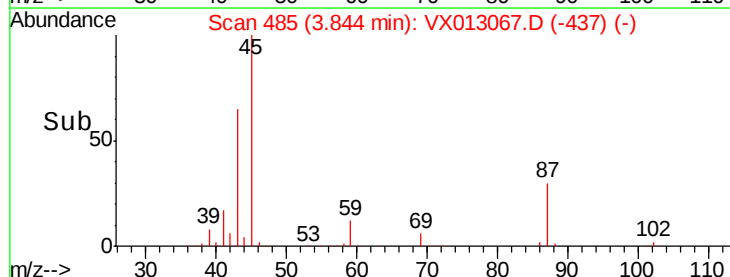
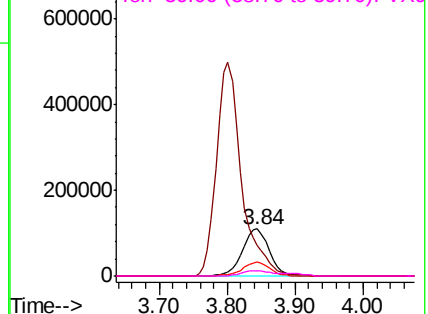
Abundance

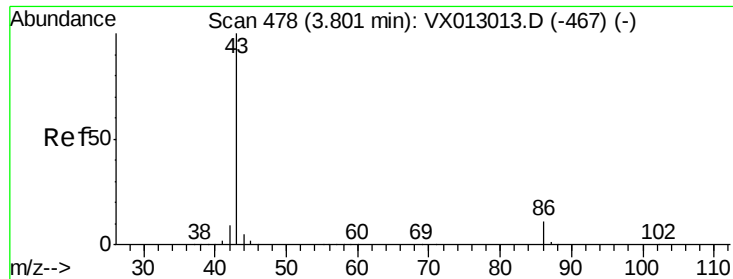
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.884 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

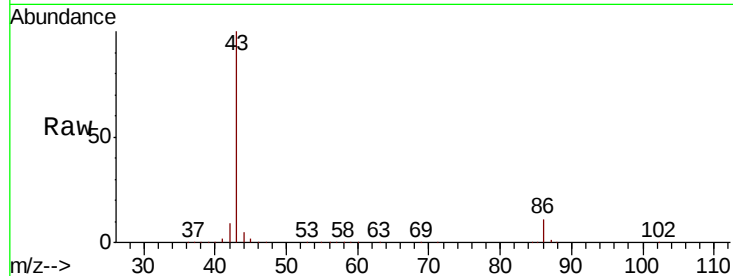
VSTDCCC050

Tot Ion: 43 Resp: 1283072

Ion Ratio Lower Upper

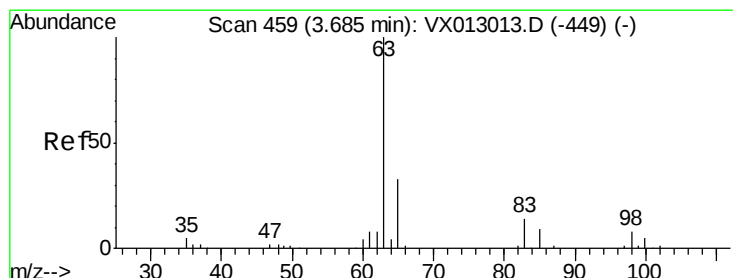
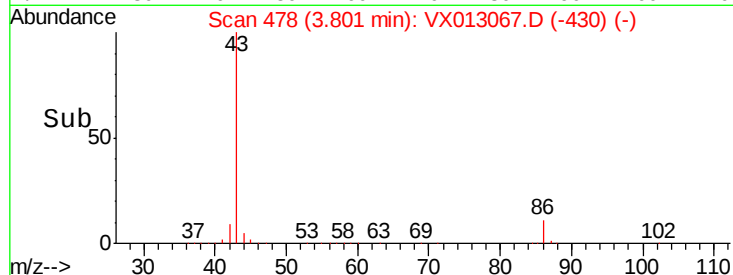
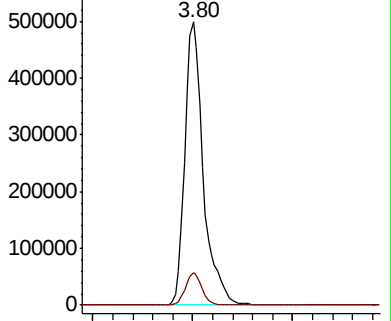
43 100

86 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.518 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

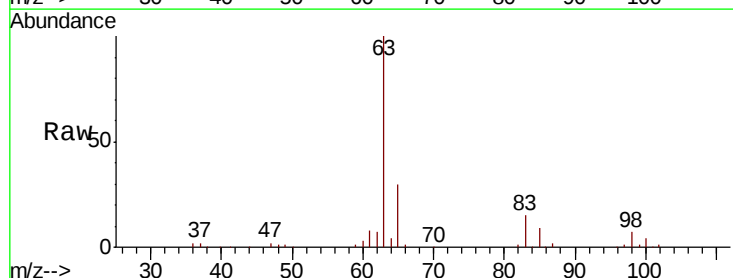
Tgt Ion: 63 Resp: 170470

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

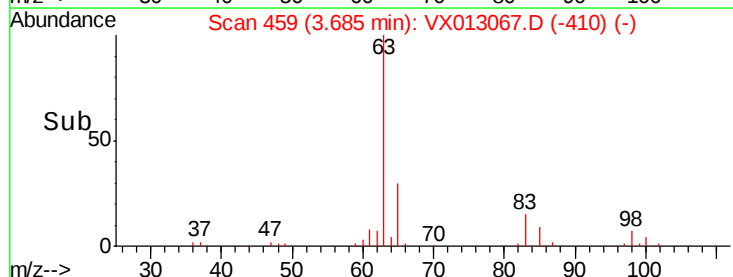
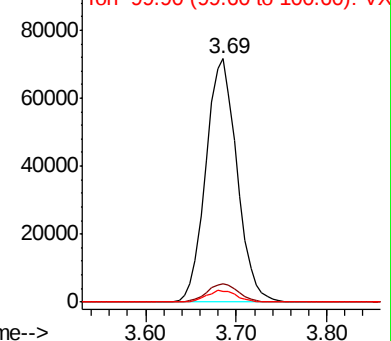
100 4.4 2.3 6.9

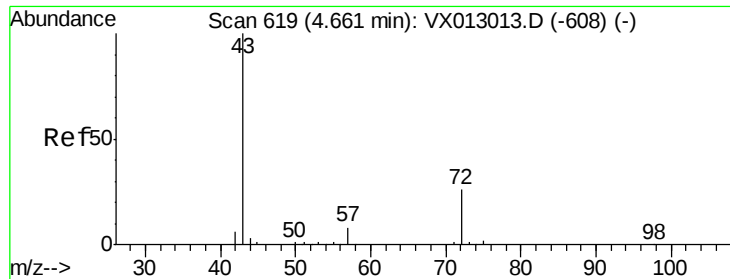


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.062 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

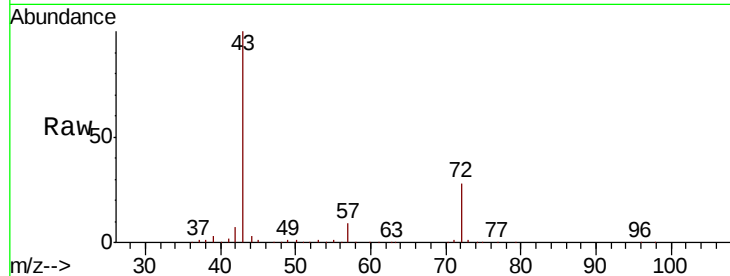
VSTDCCC050

Tot Ion: 43 Resp: 379628

Ion Ratio Lower Upper

43 100

72 27.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

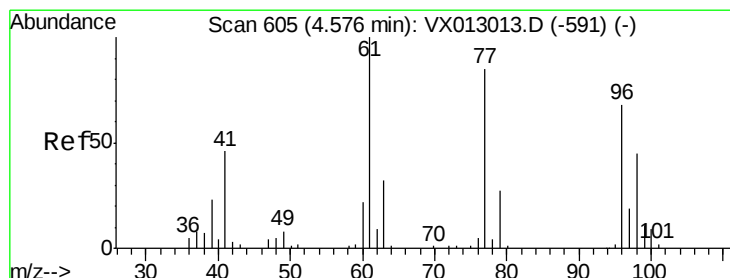
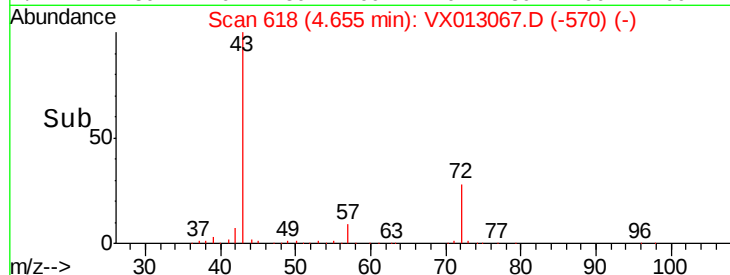
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.708 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013067.D

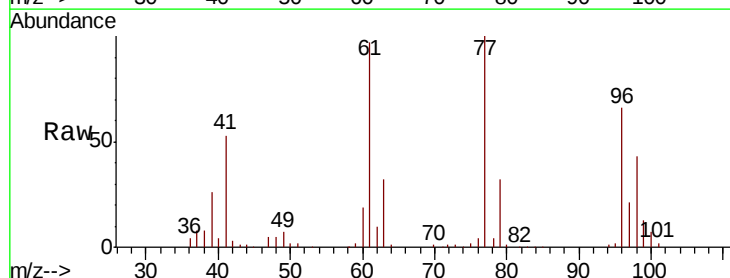
Acq: 15 Oct 2019 10:27

Tgt Ion: 77 Resp: 146794

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

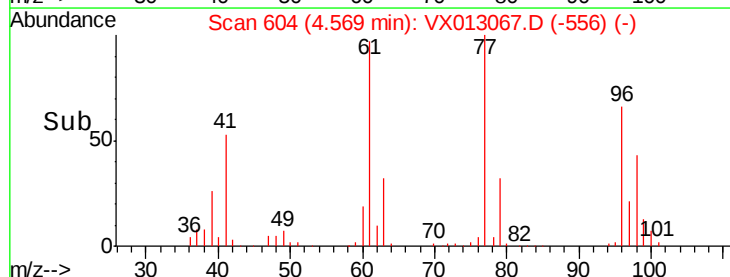
20000

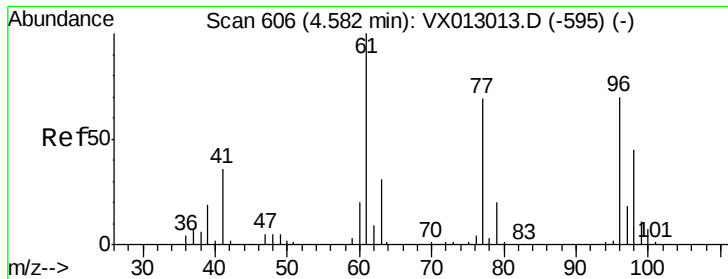
10000

0

4.40 4.50 4.60 4.70

Time-->



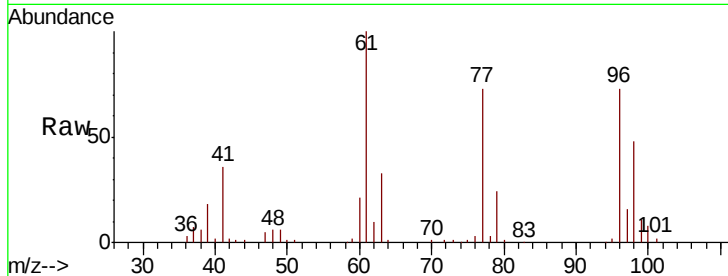


#27

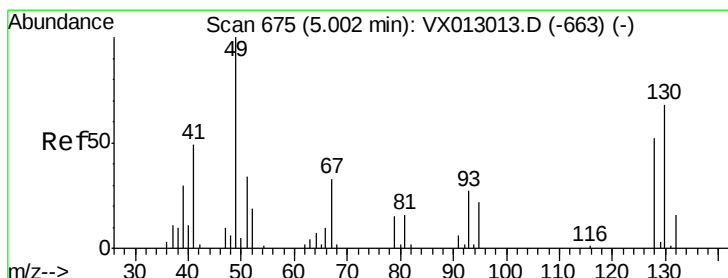
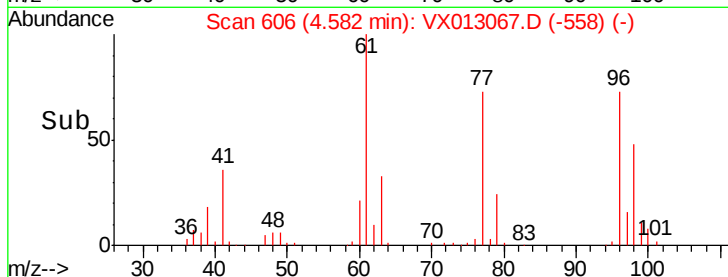
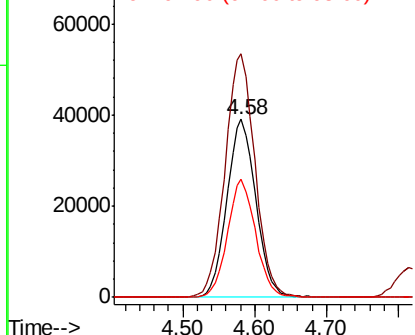
cis-1,2-Dichloroethene
 Concen: 49.262 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	290.6
98	64.4	0.0	128.8



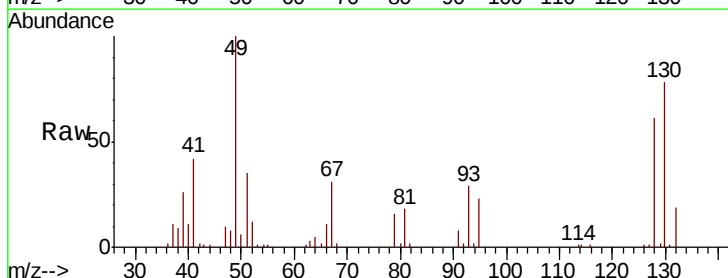
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



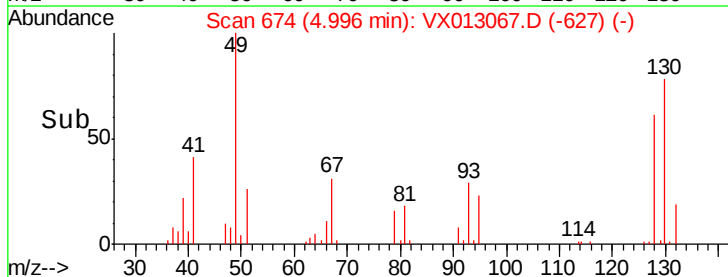
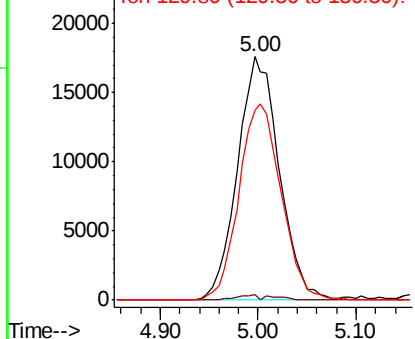
#28

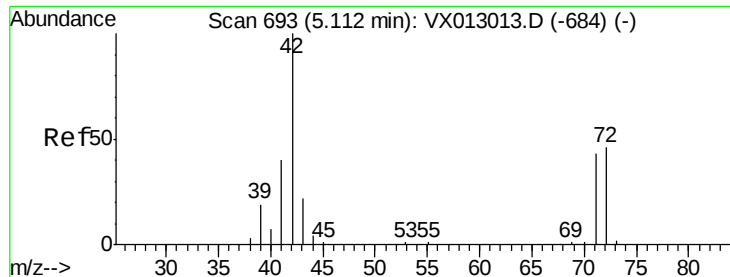
Bromochloromethane
 Concen: 50.763 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.2
130	0.0	62.1	93.1#



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: 219.831 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

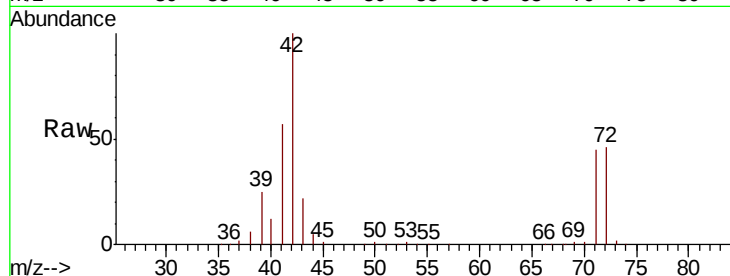
Tot Ion: 42 Resp: 219406

Ion Ratio Lower Upper

42 100

72 47.4 36.9 55.3

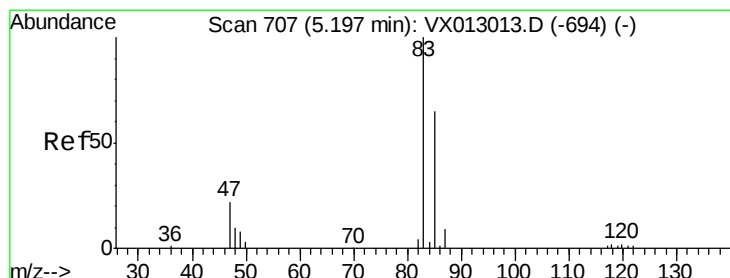
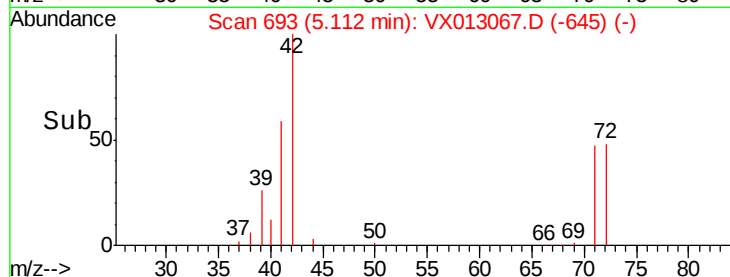
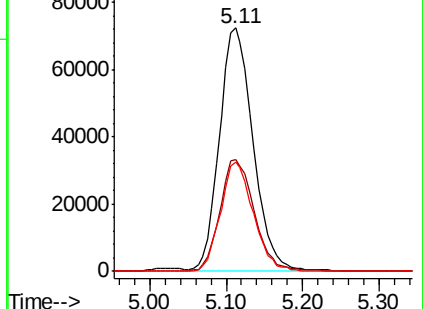
71 43.8 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.656 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013067.D

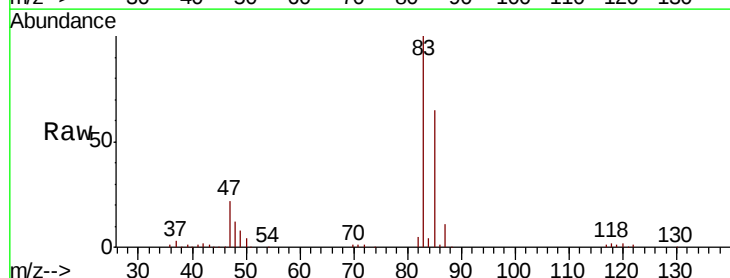
Acq: 15 Oct 2019 10:27

Tgt Ion: 83 Resp: 175405

Ion Ratio Lower Upper

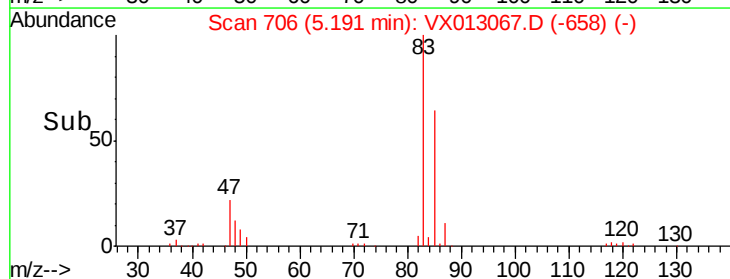
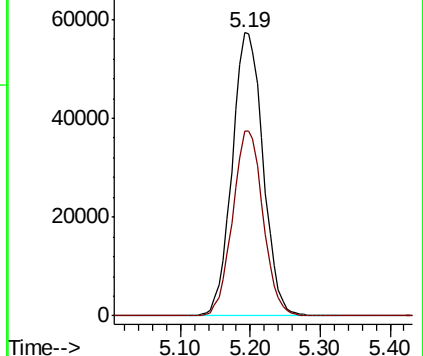
83 100

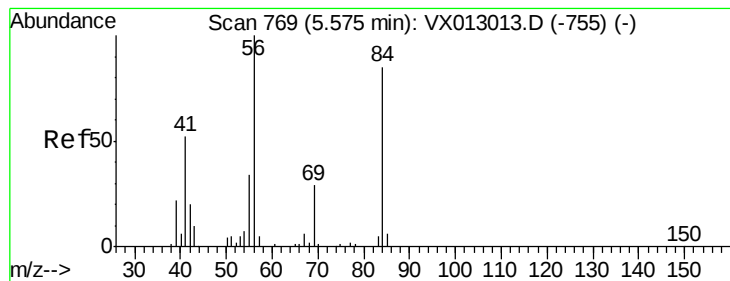
85 65.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.742 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

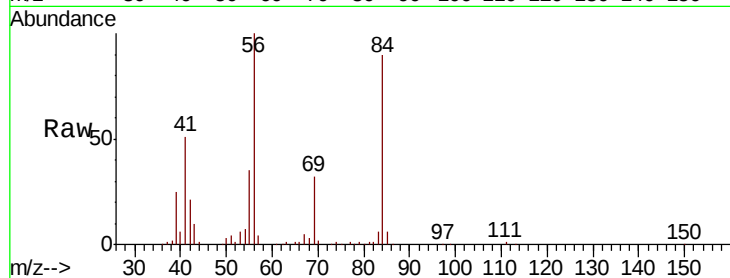
Tot Ion: 56 Resp: 150465

Ion Ratio Lower Upper

56 100

69 32.0 25.2 37.8

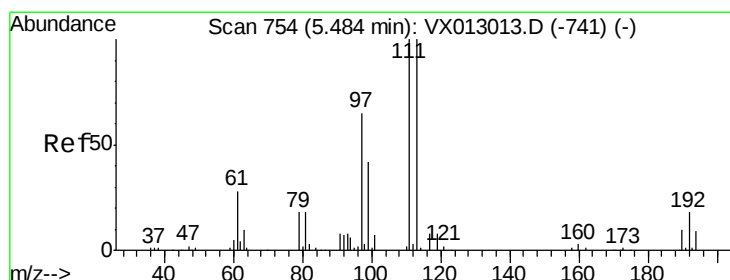
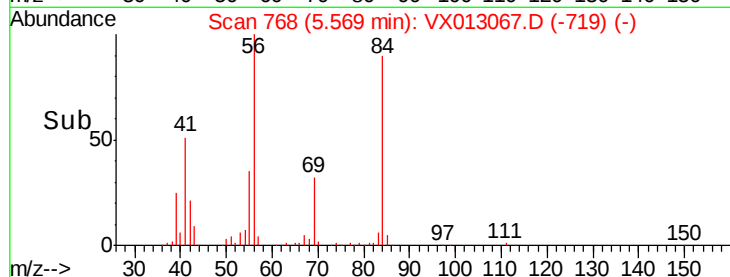
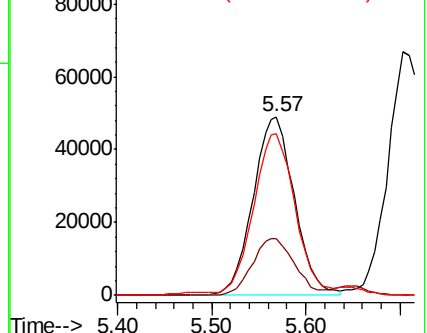
84 88.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.268 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

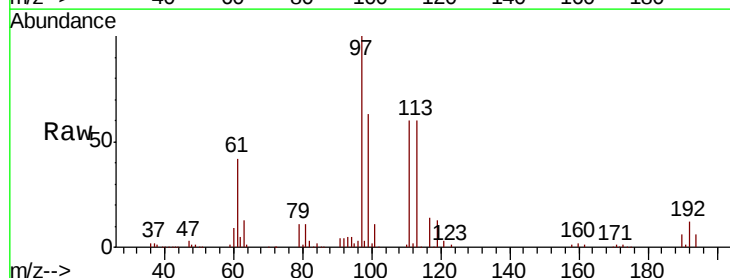
Tgt Ion: 97 Resp: 153446

Ion Ratio Lower Upper

97 100

99 63.5 52.3 78.5

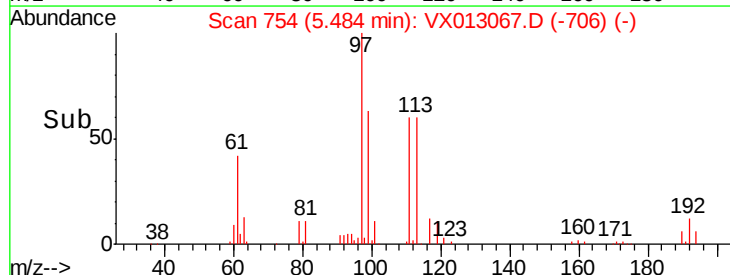
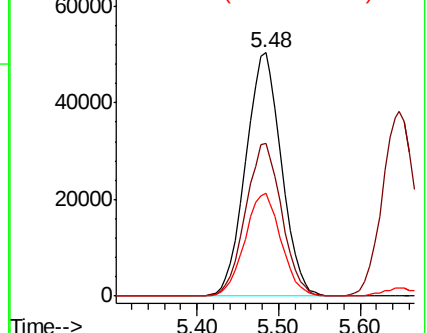
61 42.9 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

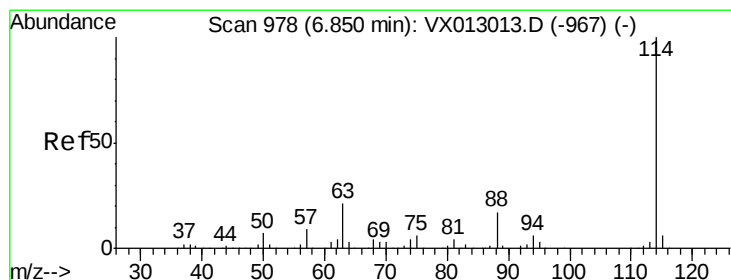
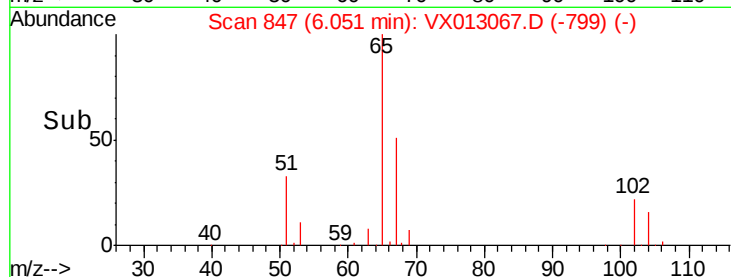
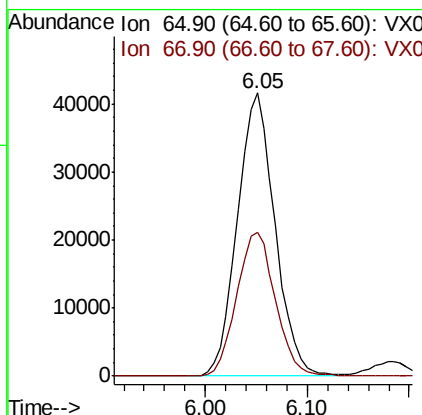
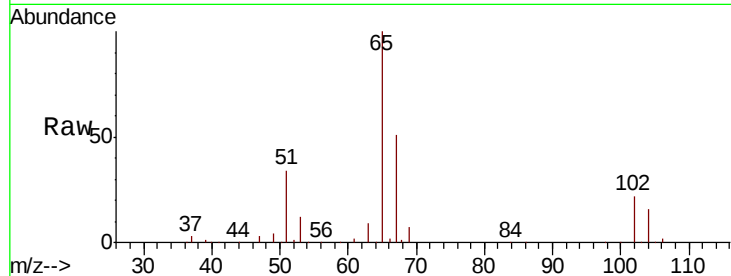




#33
 1,2-Dichloroethane-d4
 Concen: 47.937 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

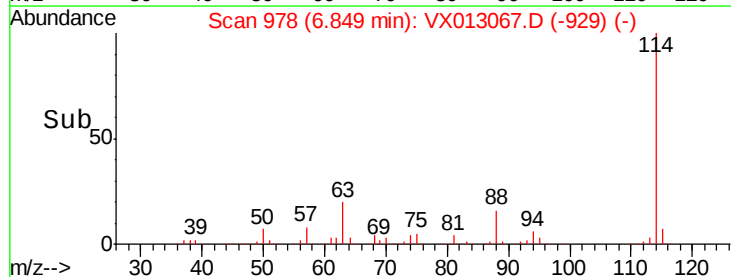
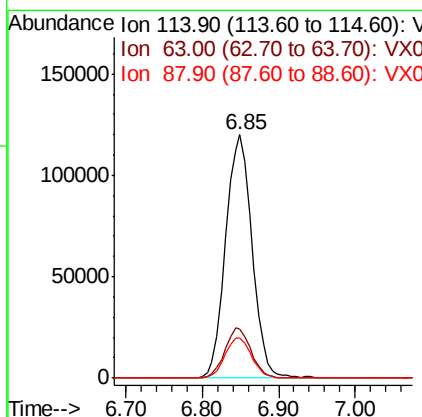
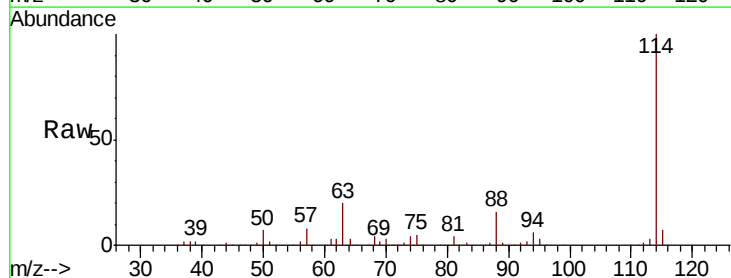
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

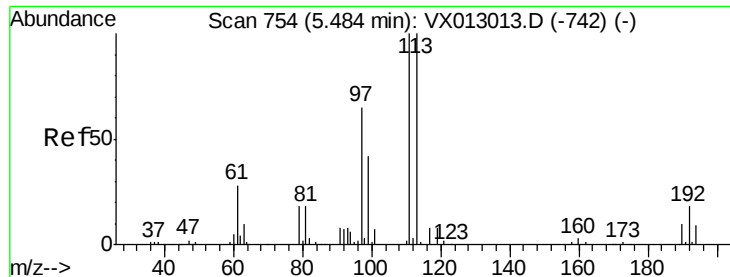
Tot Ion: 65 Resp: 106320
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 114 Resp: 286641
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 16.4 0.0 33.8

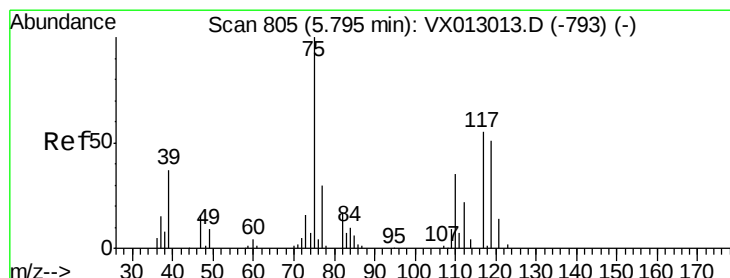
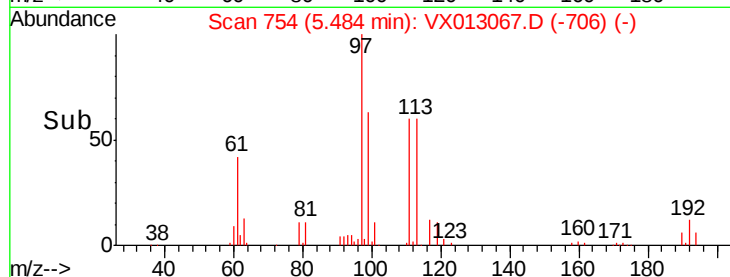
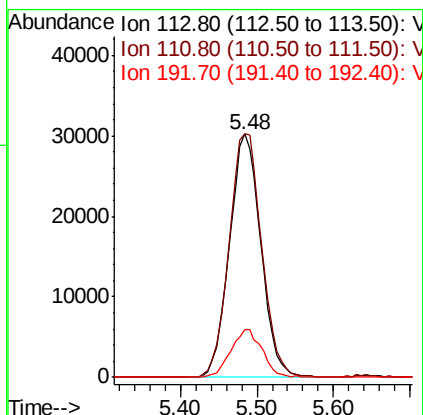
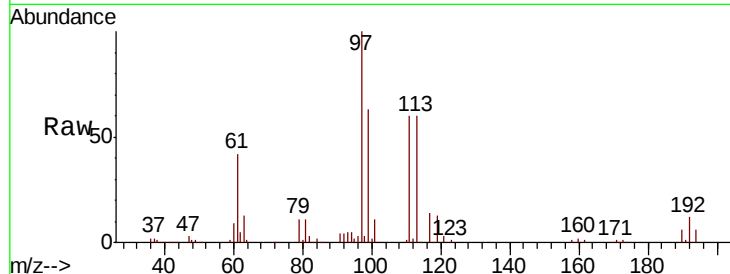




#35
 Dibromofluoromethane
 Concen: 52.090 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

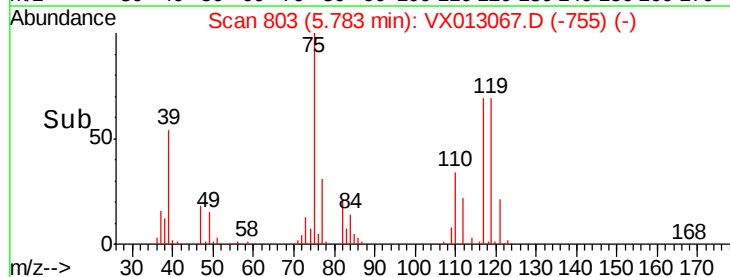
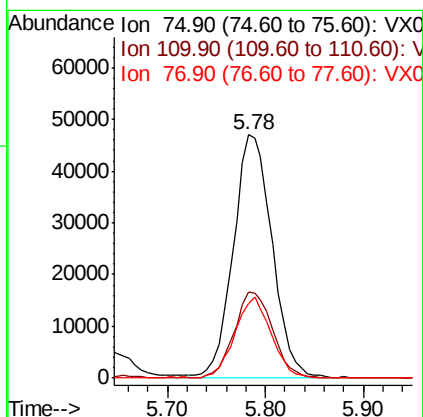
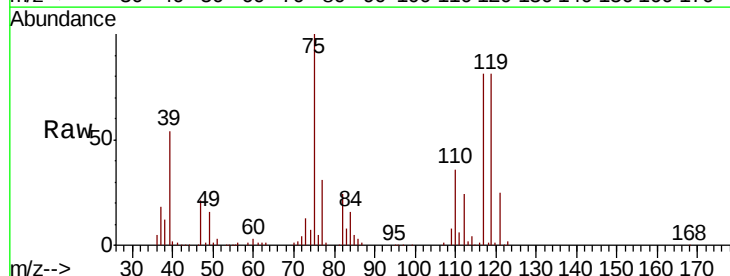
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

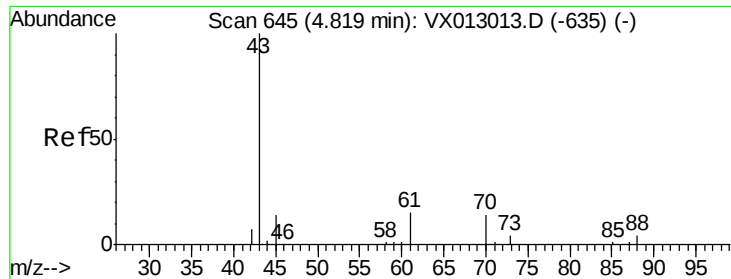
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	19.7	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 51.025 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.4	24.4	36.6

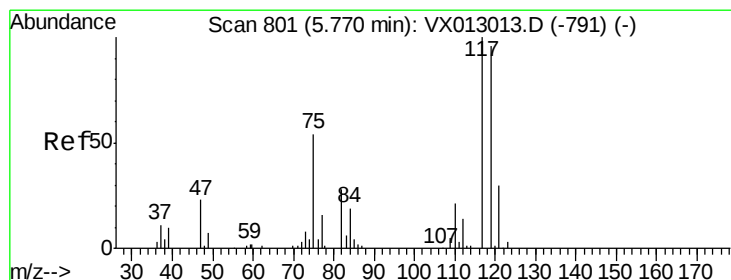
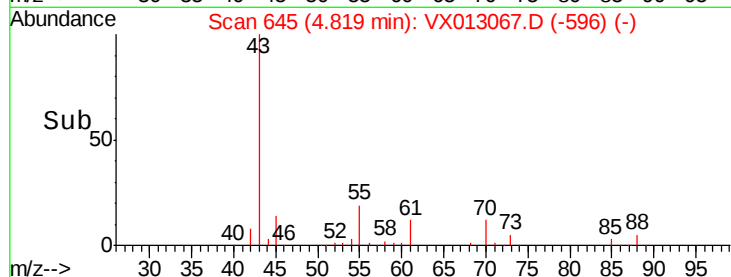
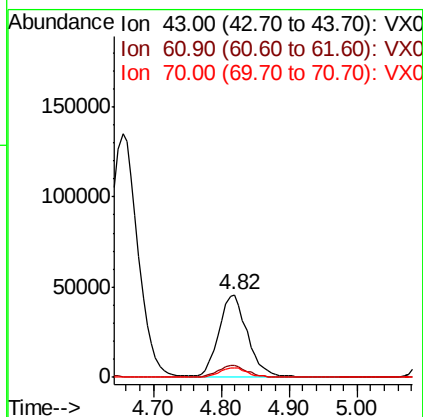
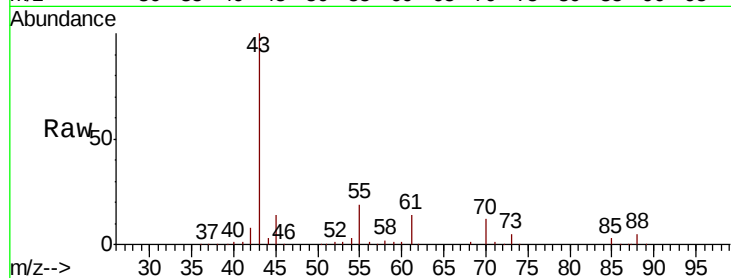




#37
Ethyl Acetate
Concen: 47.421 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

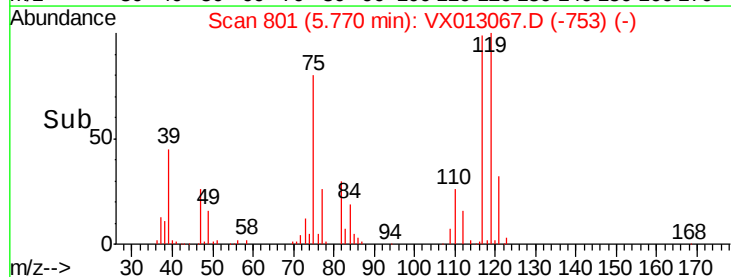
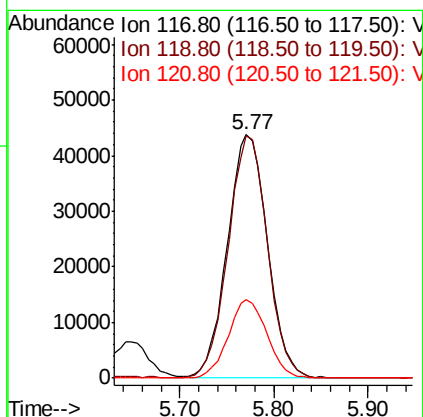
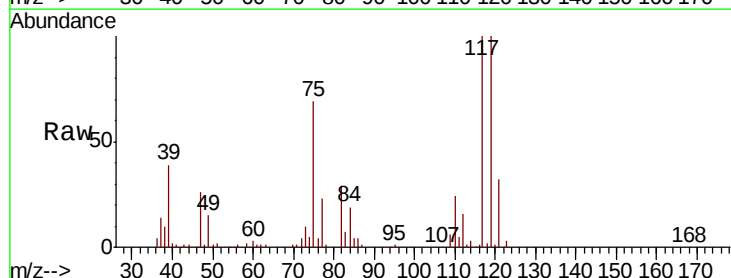
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

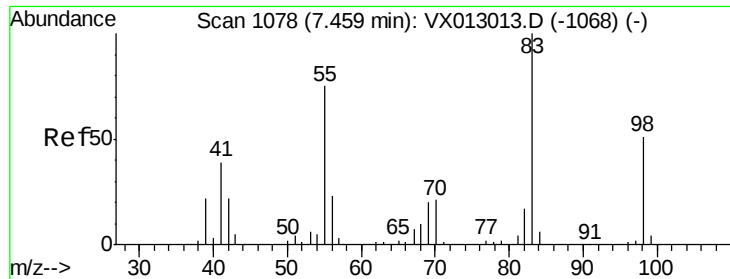
Tot Ion: 43 Resp: 133633
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 11.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 52.903 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 117 Resp: 129771
Ion Ratio Lower Upper
117 100
119 99.6 74.5 111.7
121 32.3 24.2 36.4

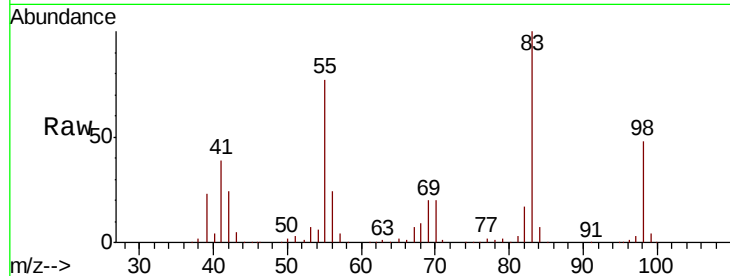




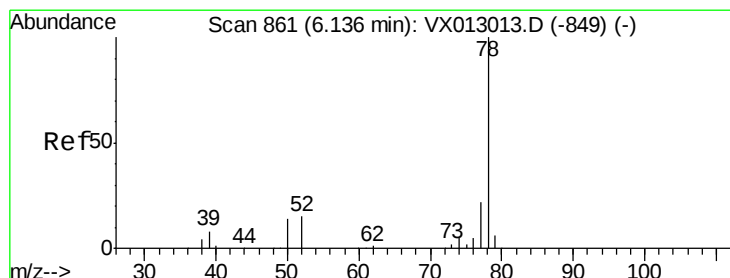
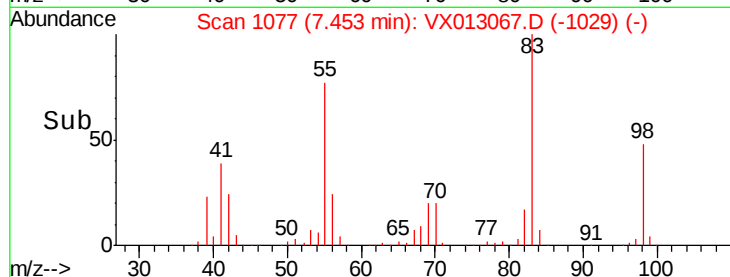
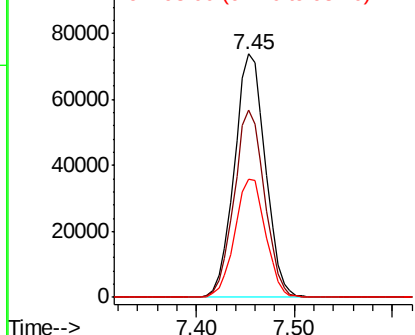
#39
Methvlcvclohexane
Concen: 53.130 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 162380
Ion Ratio Lower Upper
83 100
55 76.9 60.2 90.4
98 48.5 38.5 57.7

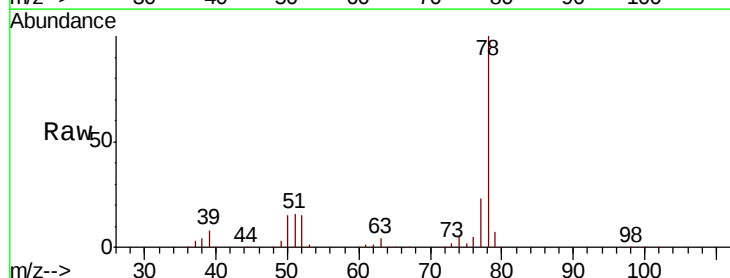


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

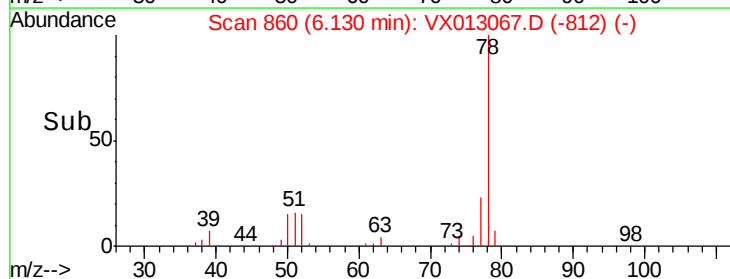
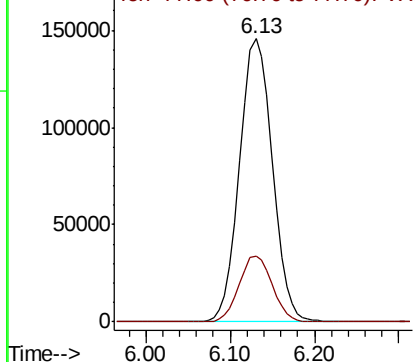


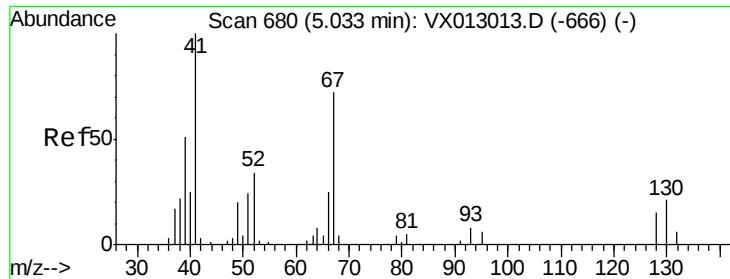
#40
Benzene
Concen: 51.762 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 78 Resp: 385283
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



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

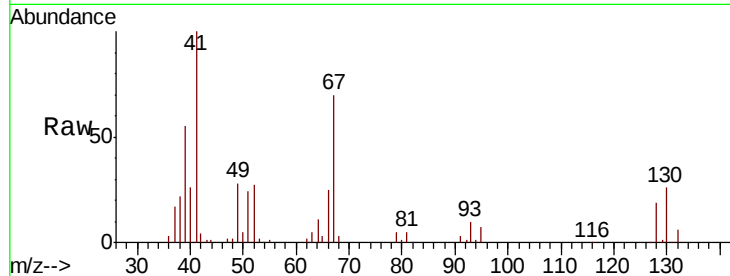




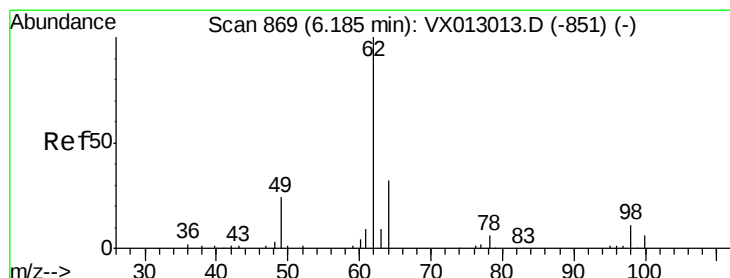
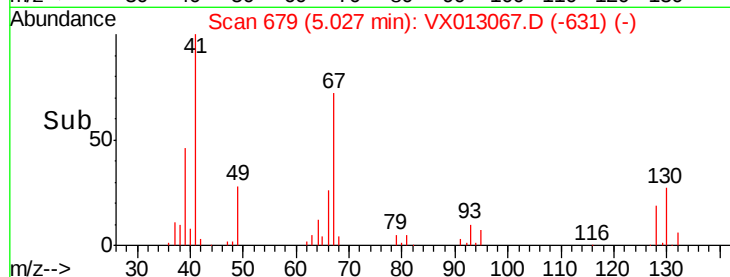
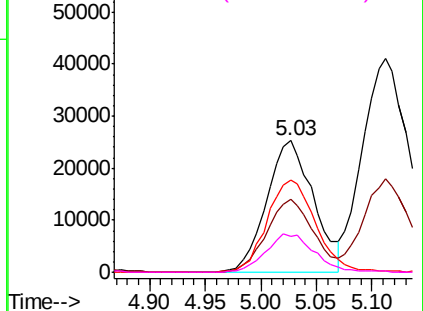
#41
Methacrylonitrile
Concen: 47.983 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	74300
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.0	66.0
67	72.8	58.5	87.7
52	30.0	23.8	35.8

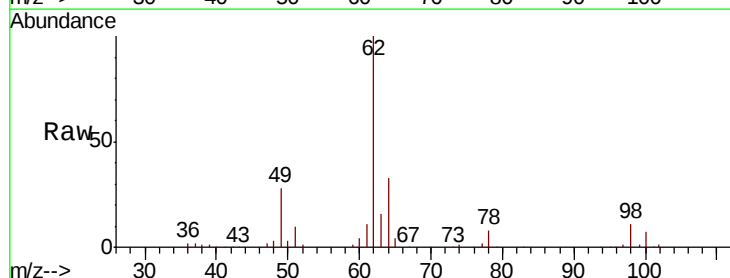


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

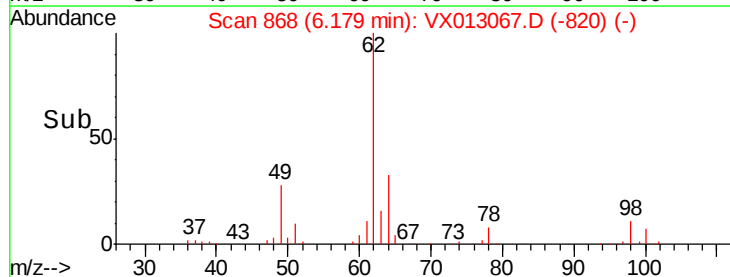
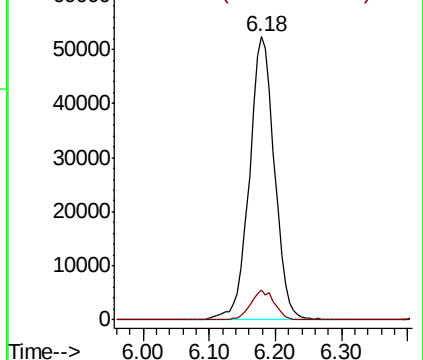


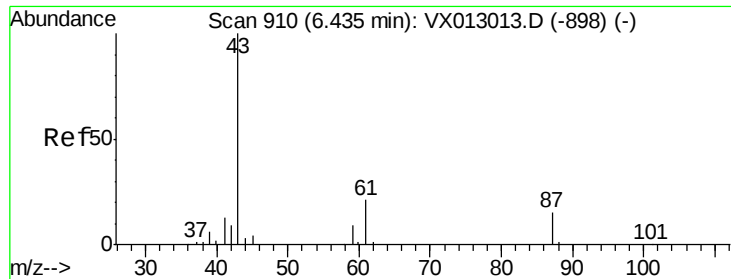
#42
1,2-Dichloroethane
Concen: 51.954 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:	62	Resp:	138762
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



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



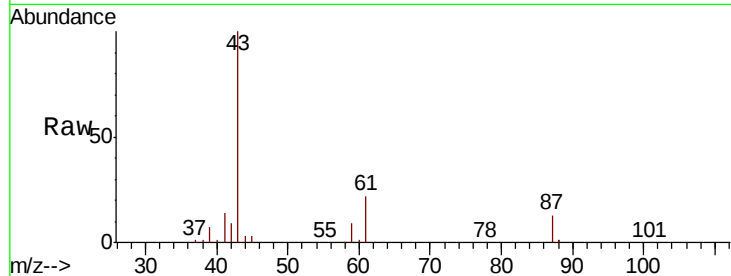


#43

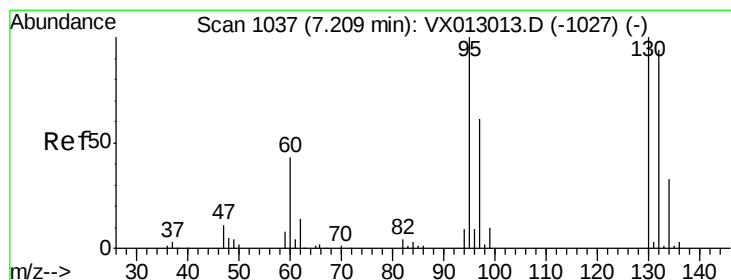
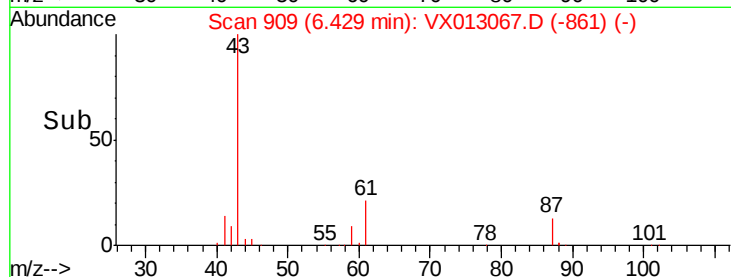
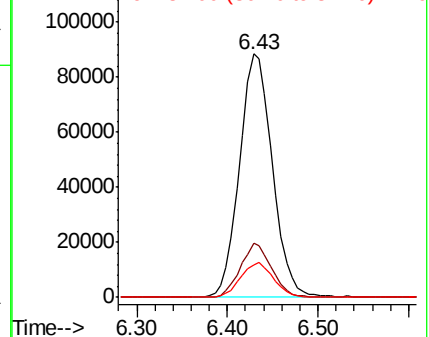
Isopropyl Acetate
 Concen: 49.050 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 221856
 Ion Ratio Lower Upper
 43 100
 61 21.1 16.6 24.8
 87 14.4 11.0 16.6



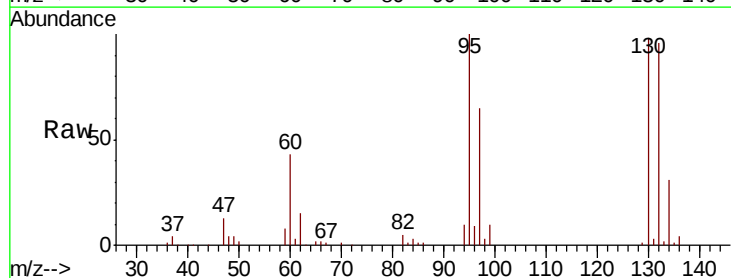
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



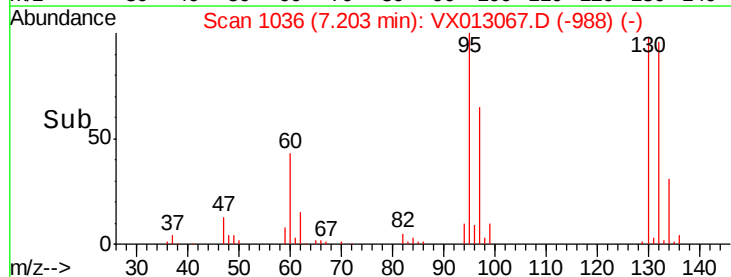
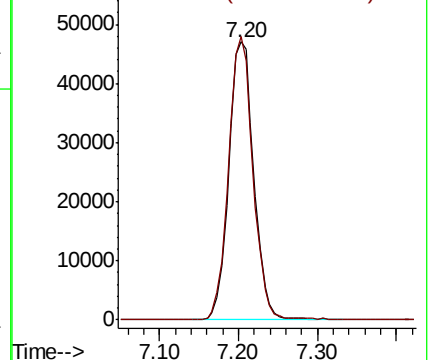
#44

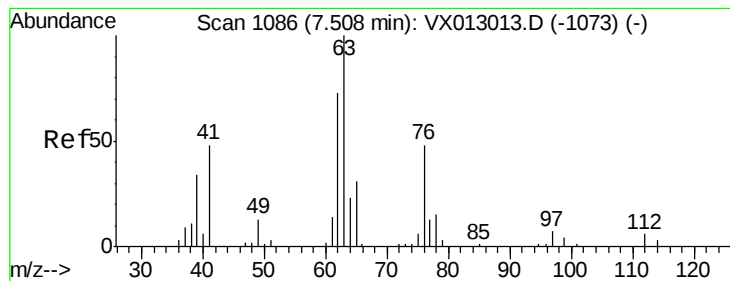
Trichloroethene
 Concen: 50.163 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 130 Resp: 103540
 Ion Ratio Lower Upper
 130 100
 95 101.9 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.802 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

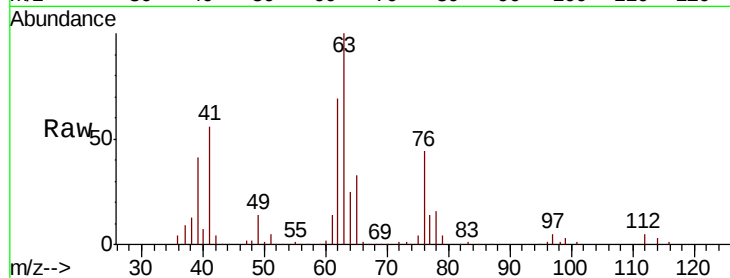
VSTDCCC050

Tot Ion: 63 Resp: 98272

Ion Ratio Lower Upper

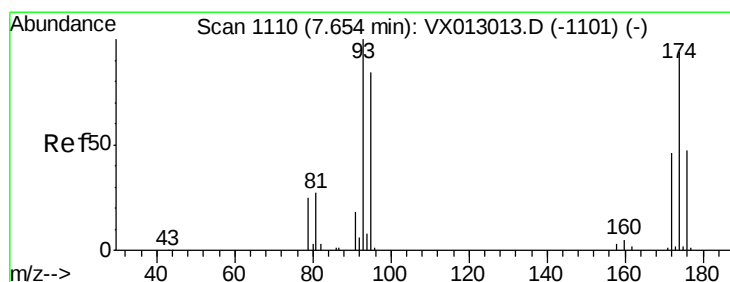
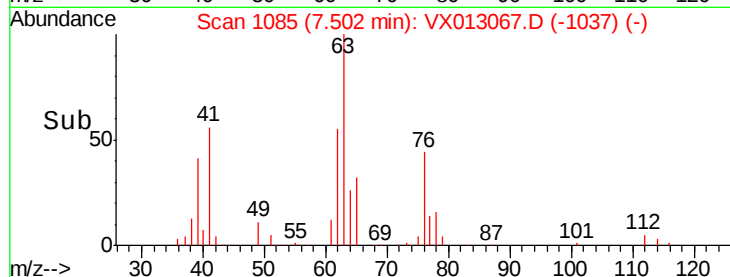
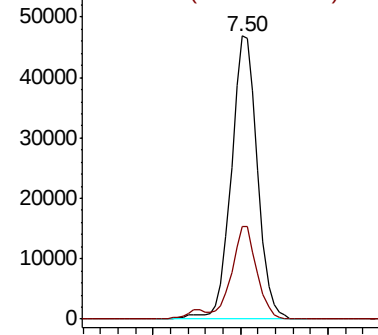
63 100

65 32.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.131 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

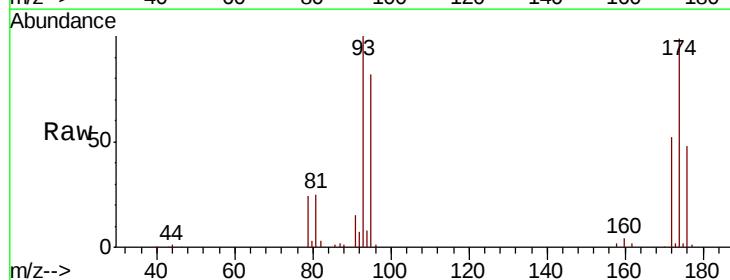
Tgt Ion: 93 Resp: 67154

Ion Ratio Lower Upper

93 100

95 82.4 66.3 99.5

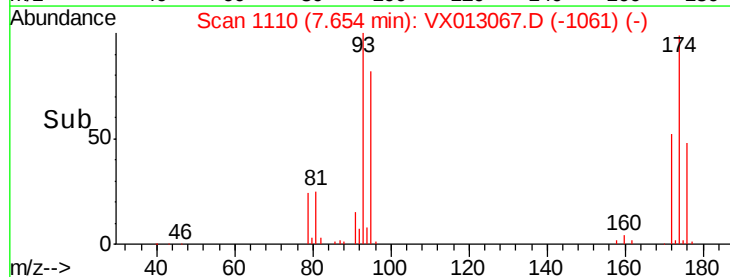
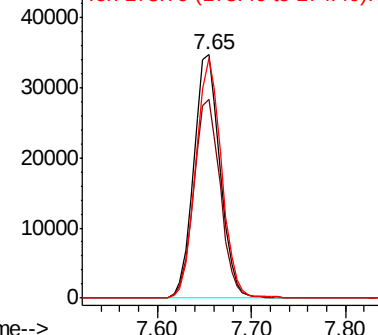
174 97.1 77.8 116.6

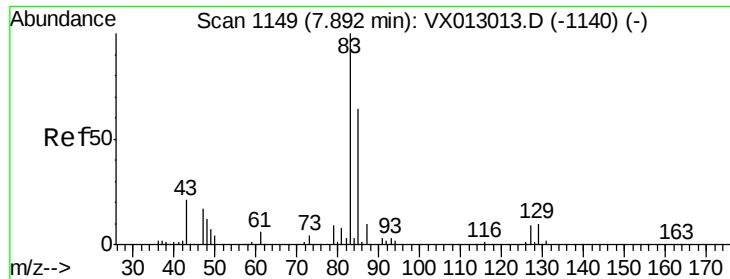


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.929 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

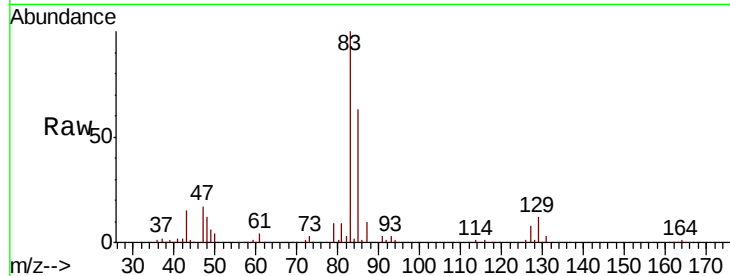
Tot Ion: 83 Resp: 133020

Ion Ratio Lower Upper

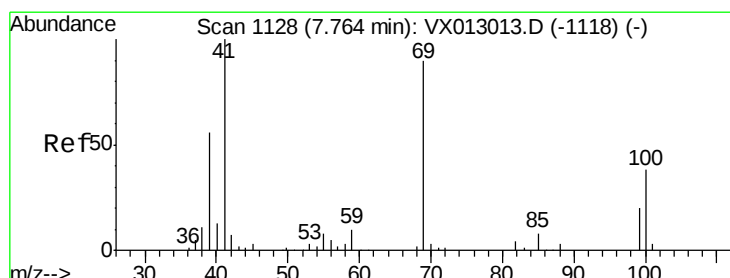
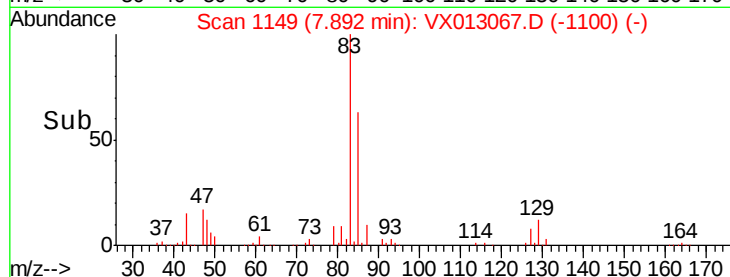
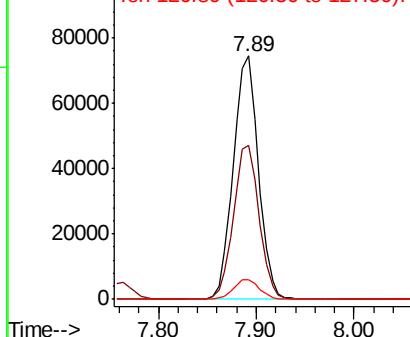
83 100

85 63.3 52.4 78.6

127 7.9 6.6 10.0



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: 49.242 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

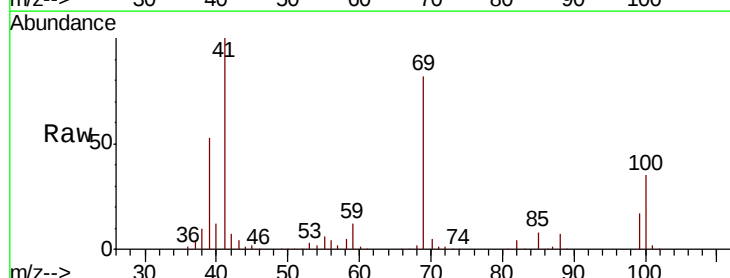
Tgt Ion: 41 Resp: 108536

Ion Ratio Lower Upper

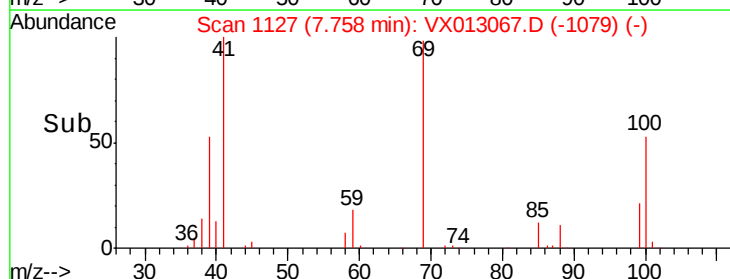
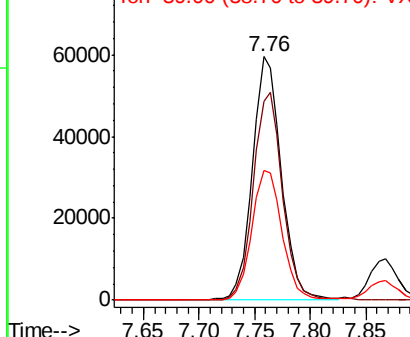
41 100

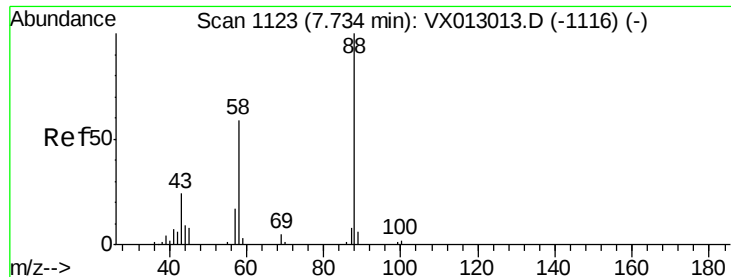
69 86.1 68.7 103.1

39 55.9 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

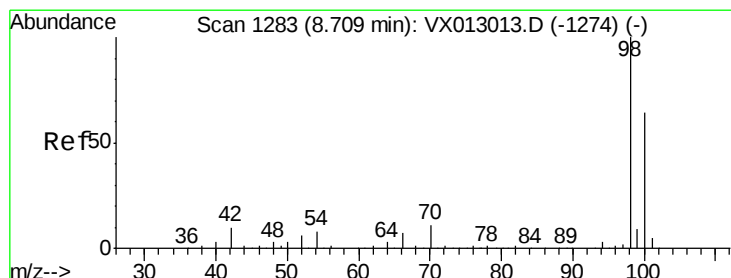
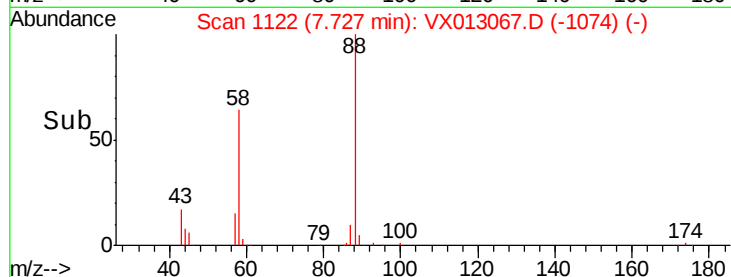
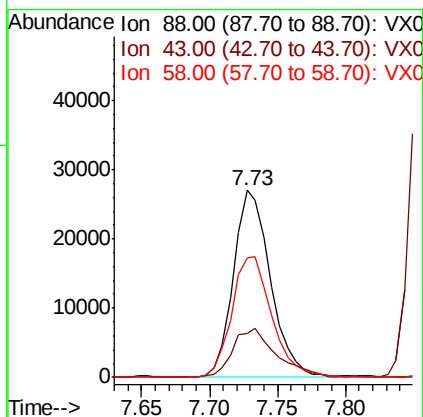
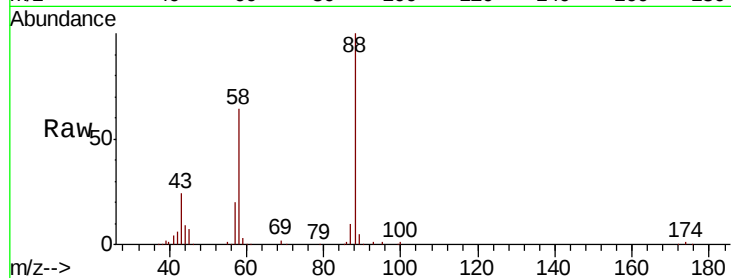




#49
 1,4-Dioxane
 Concen: 876.201 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

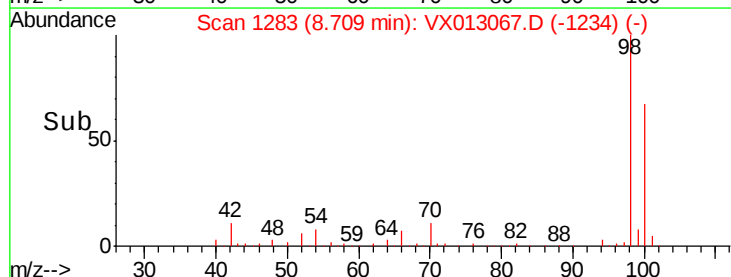
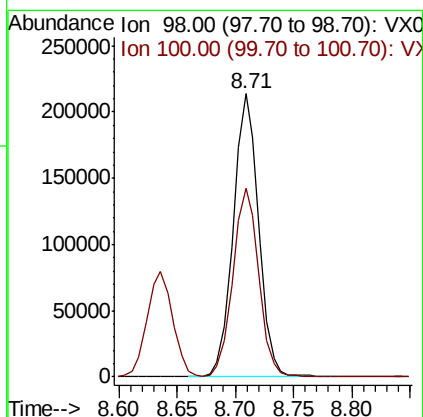
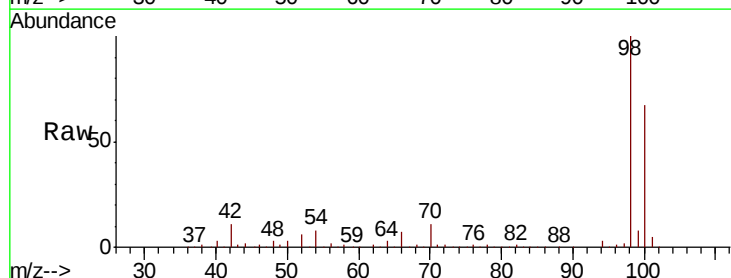
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

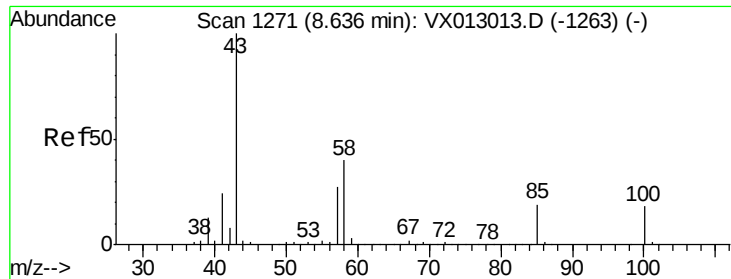
Tot Ion: 88 Resp: 51560
 Ion Ratio Lower Upper
 88 100
 43 31.1 25.0 37.6
 58 69.7 55.4 83.2



#50
 Toluene-d8
 Concen: 50.475 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 98 Resp: 323873
 Ion Ratio Lower Upper
 98 100
 100 68.0 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 241.086 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

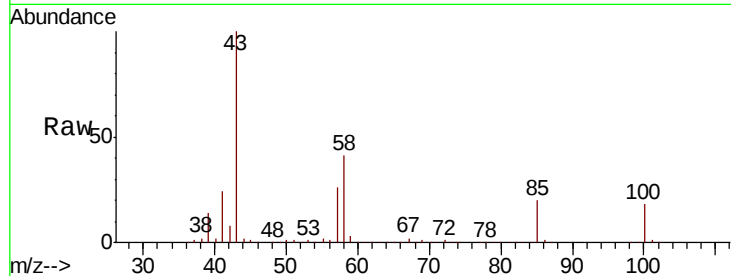
VSTDCCC050

Tot Ion: 43 Resp: 679862

Ion Ratio Lower Upper

43 100

58 40.9 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

400000

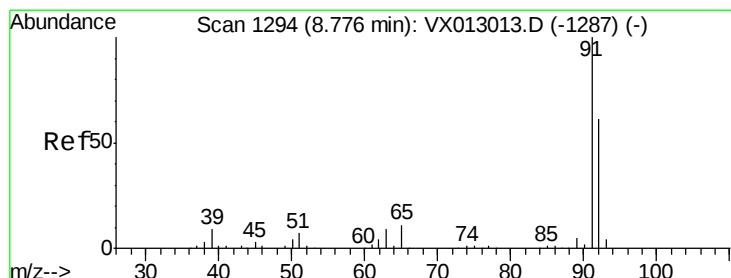
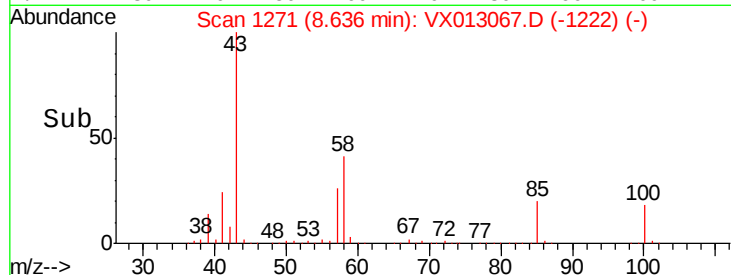
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.130 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013067.D

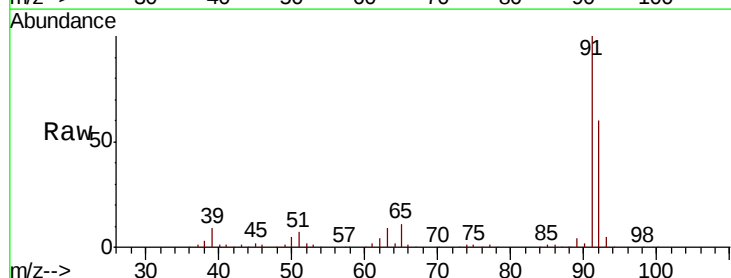
Acq: 15 Oct 2019 10:27

Tgt Ion: 92 Resp: 248239

Ion Ratio Lower Upper

92 100

91 168.5 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

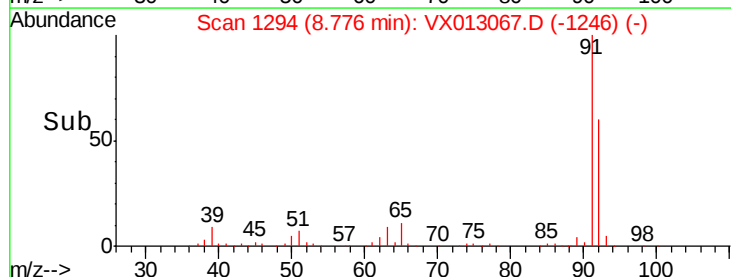
150000

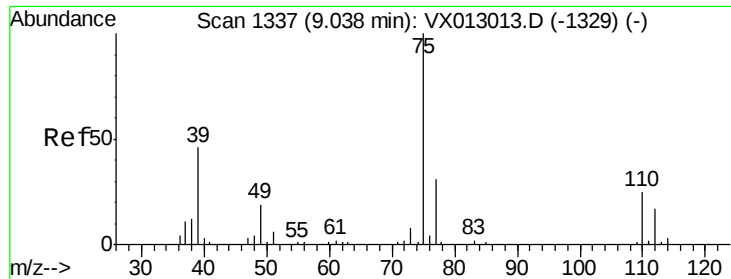
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.057 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampled :

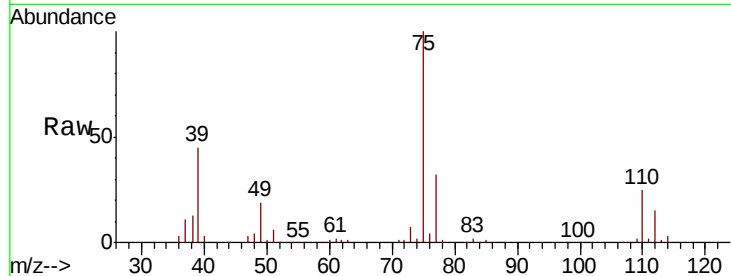
VSTDCCC050

Tot Ion: 75 Resp: 147659

Ion Ratio Lower Upper

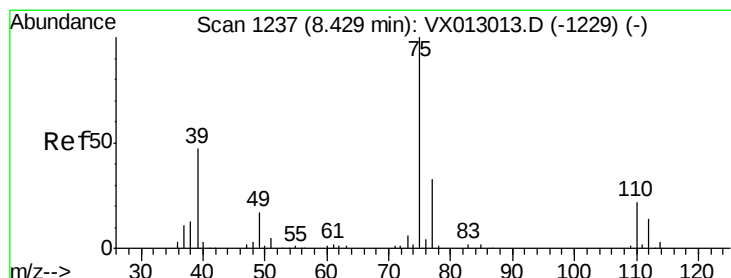
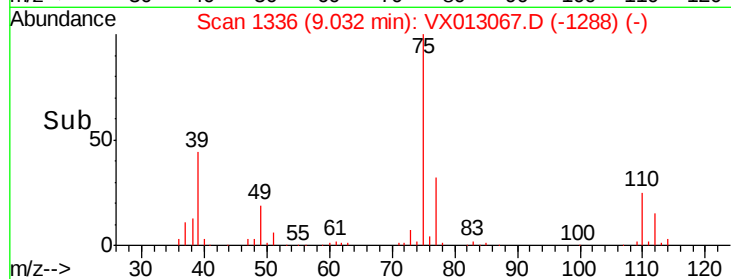
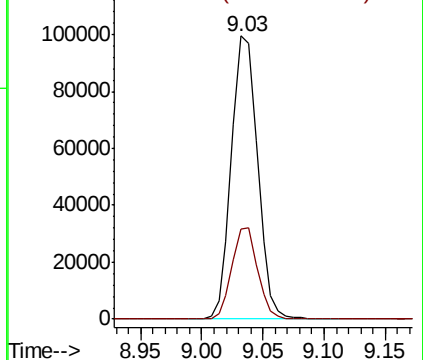
75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.975 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

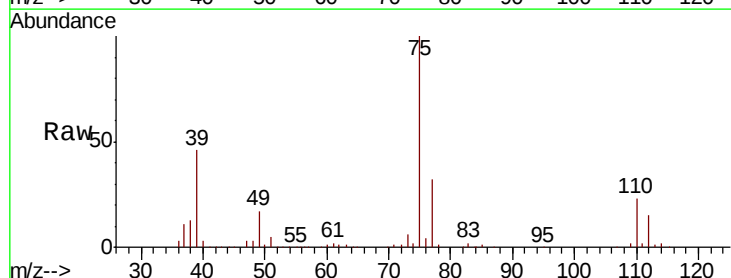
Tgt Ion: 75 Resp: 163743

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

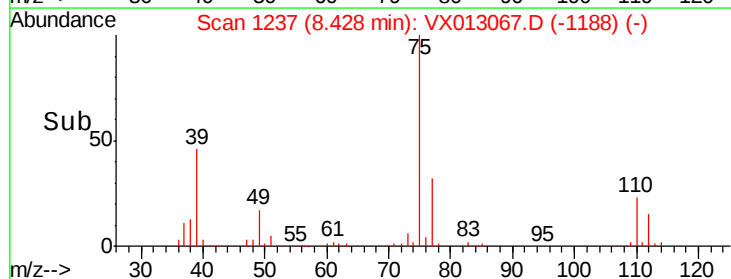
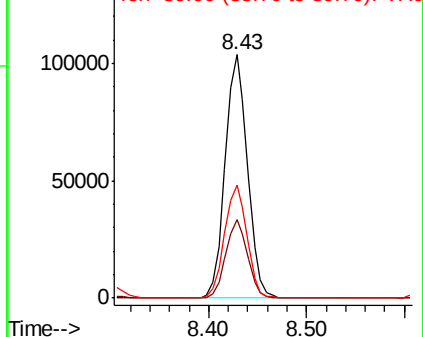
39 46.2 38.2 57.2

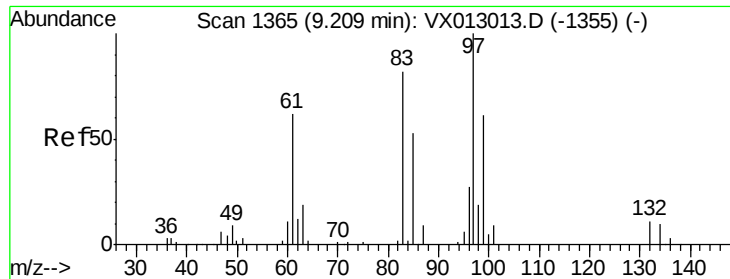


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

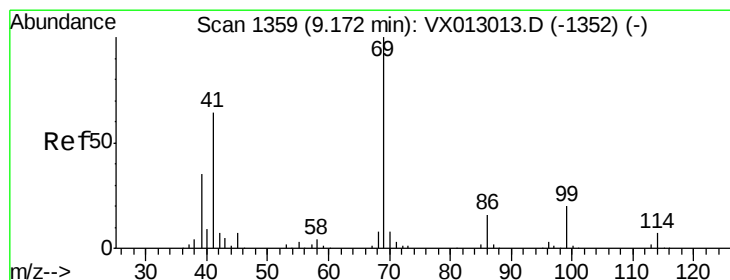
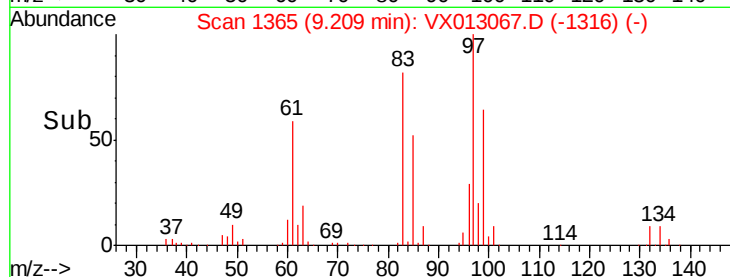
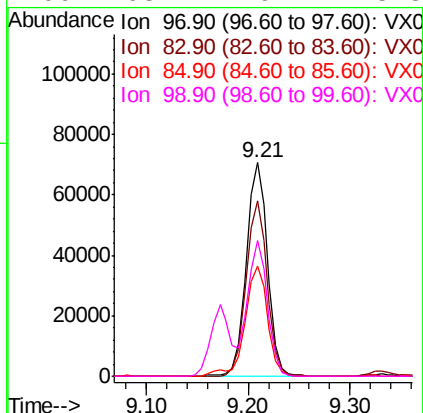
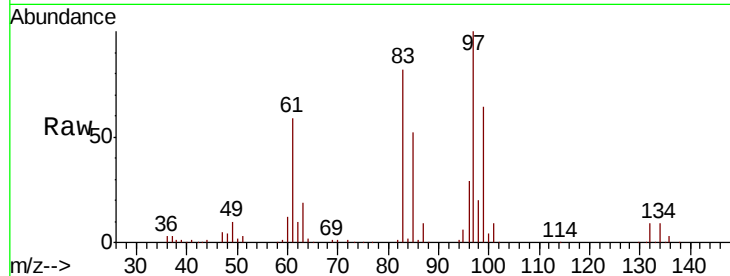




#55
 1,1,2-Trichloroethane
 Concen: 54.216 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

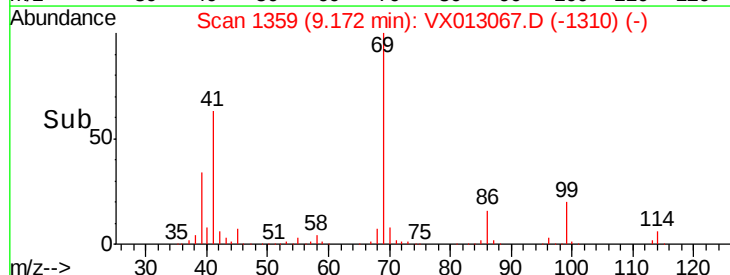
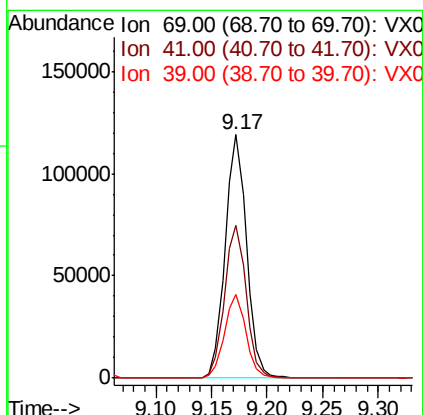
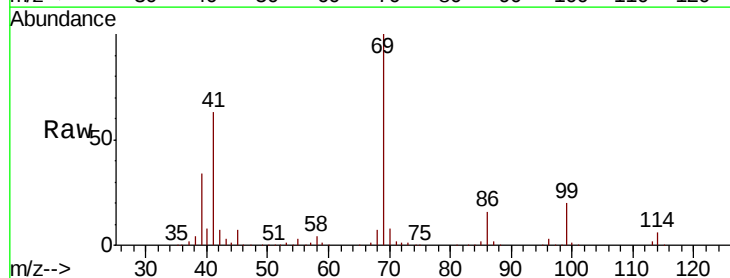
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

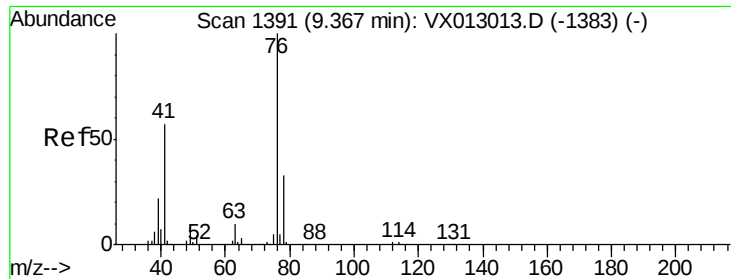
Tot Ion:	97	Resp:	102170
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.5	99.7
85	51.7	43.1	64.7
99	63.7	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 47.146 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion:	69	Resp:	158729
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.1	78.1
39	34.3	27.8	41.8





#57

1,3-Dichloropropane

Concen: 51.209 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

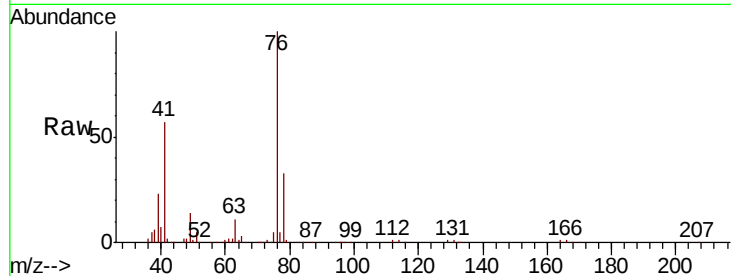
VSTDCCC050

Tot Ion: 76 Resp: 166932

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

120000

100000

80000

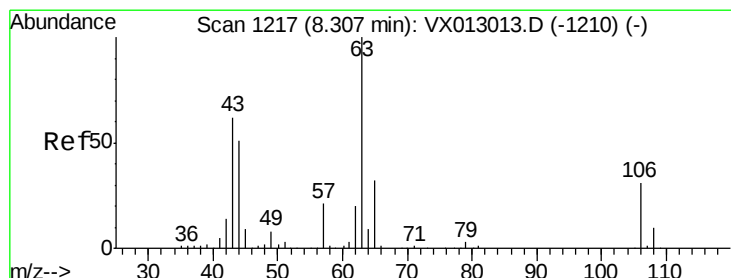
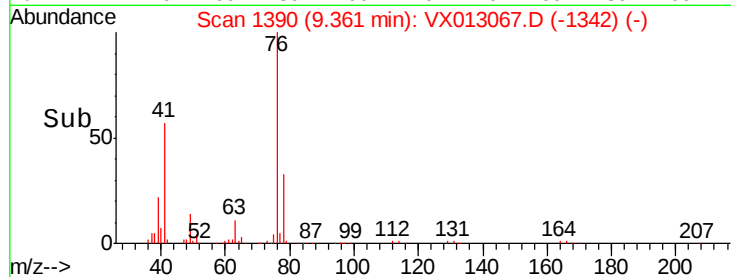
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.341 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013067.D

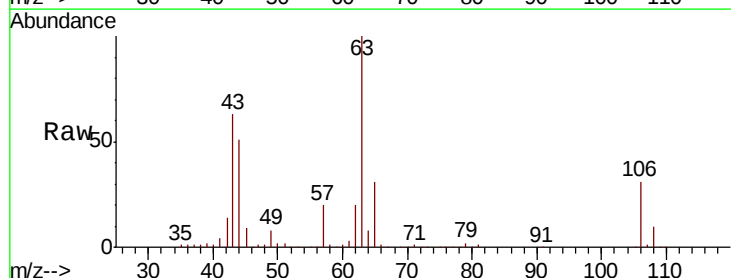
Acq: 15 Oct 2019 10:27

Tgt Ion: 63 Resp: 343802

Ion Ratio Lower Upper

63 100

106 30.2 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

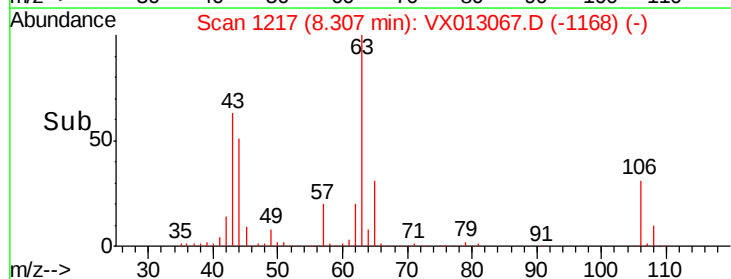
150000

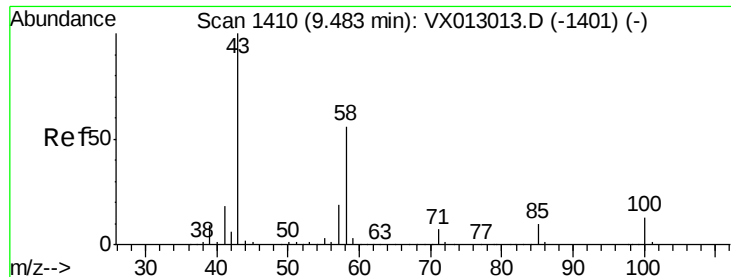
100000

50000

0

Time-->

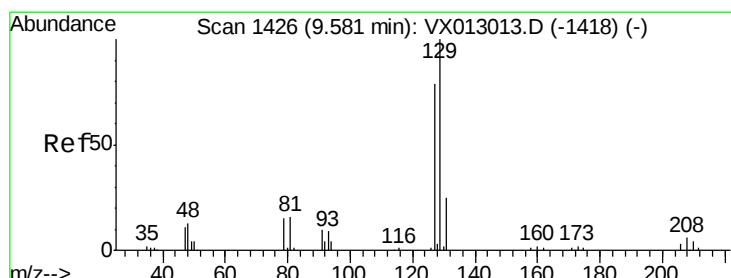
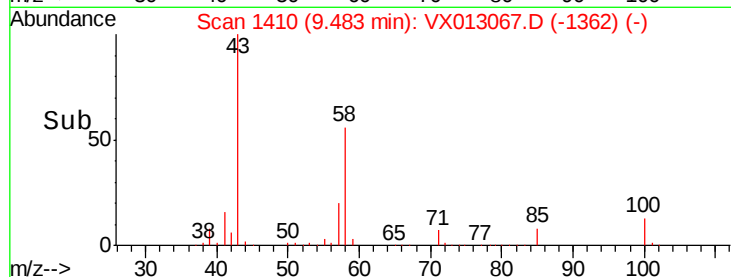
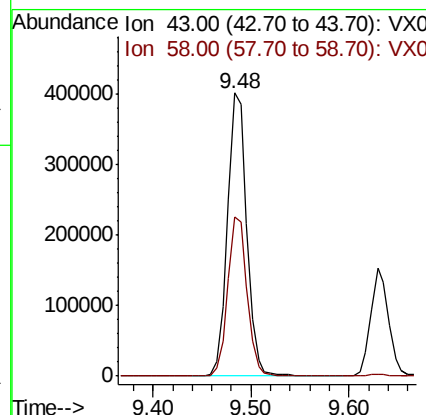
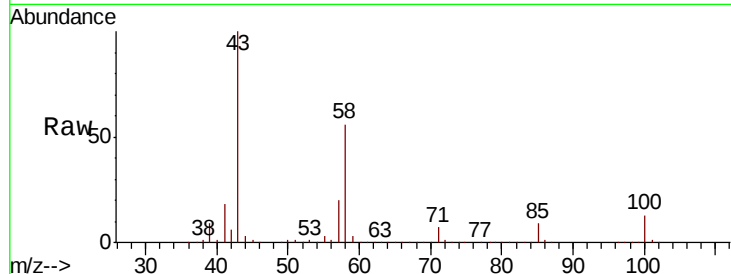




#59
2-Hexanone
Concen: 251.056 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

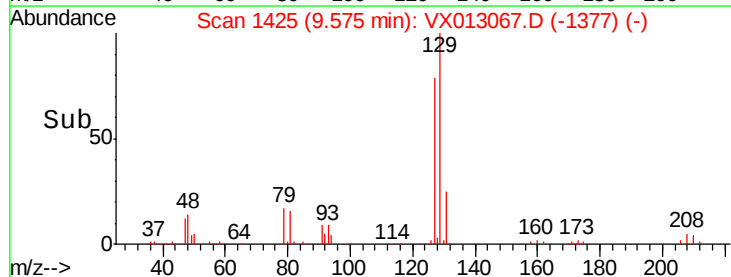
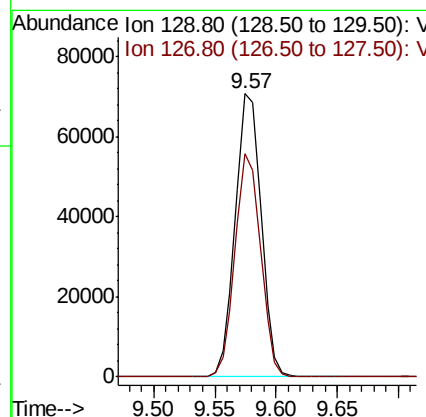
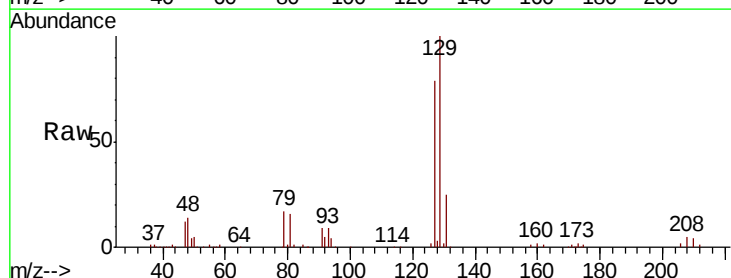
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

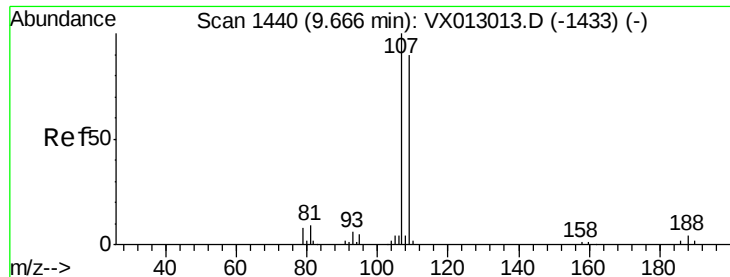
Tot Ion: 43 Resp: 551116
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 49.503 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 129 Resp: 103774
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.278 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

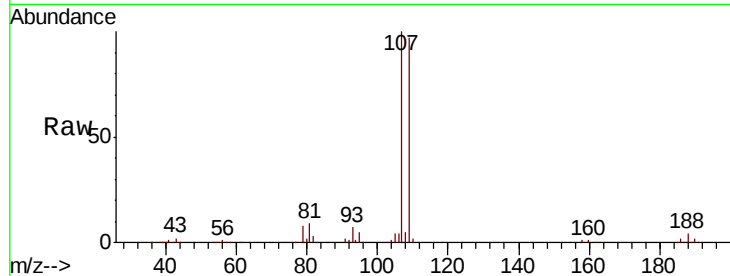
VSTDCCC050

Tot Ion:107 Resp: 103637

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

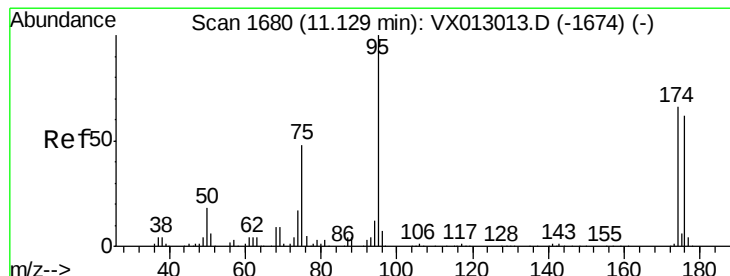
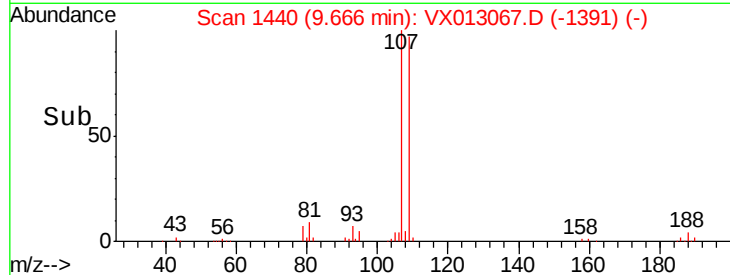
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.753 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

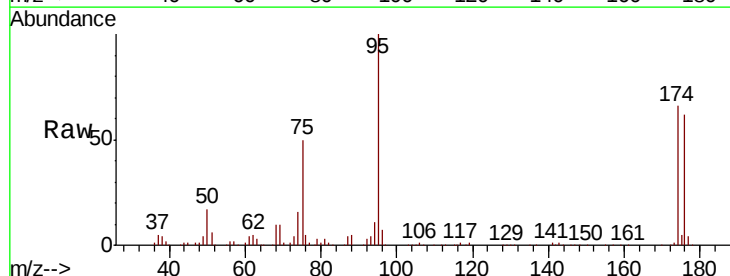
Tgt Ion: 95 Resp: 131525

Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.4

176 69.4 0.0 136.0



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

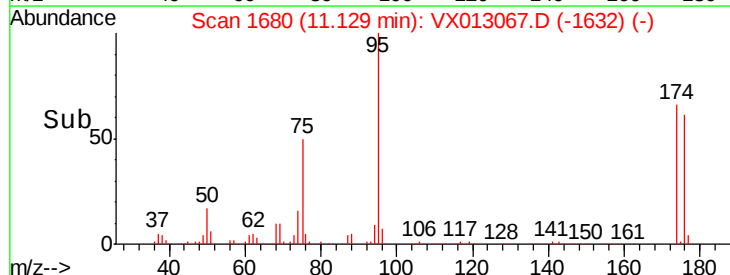
100000

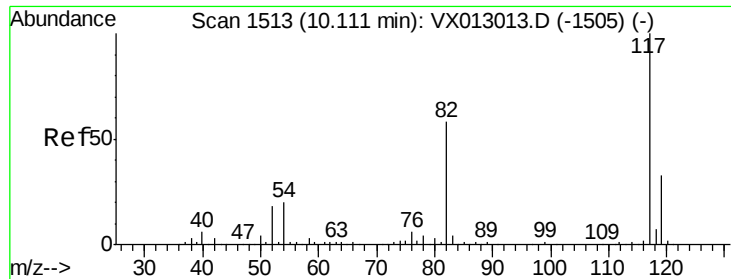
50000

0

11.10 11.20

Time-->

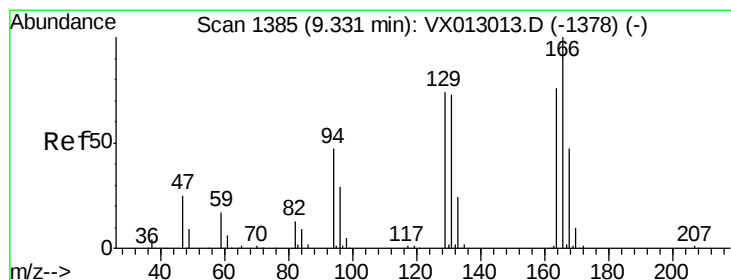
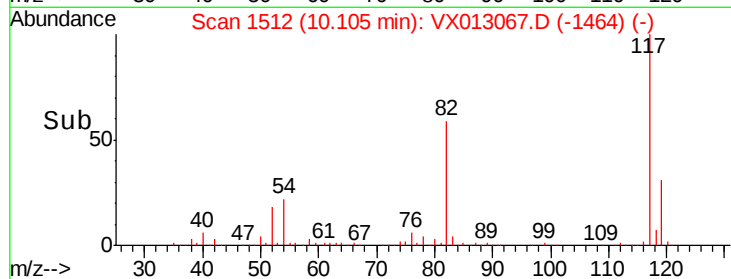
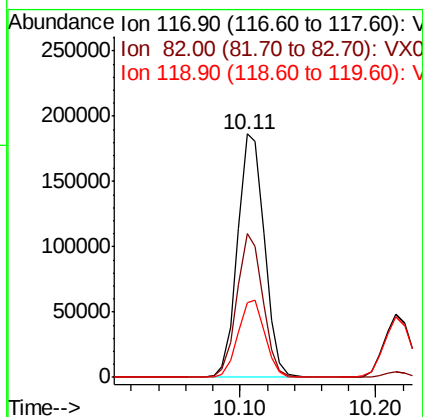
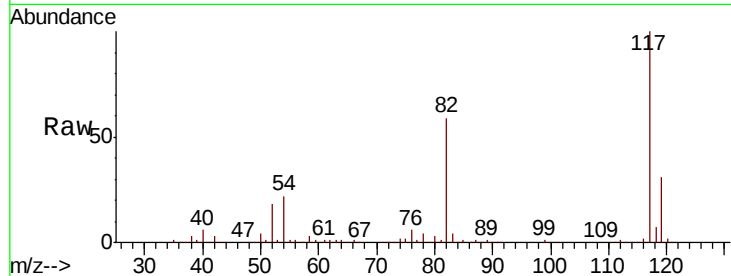




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

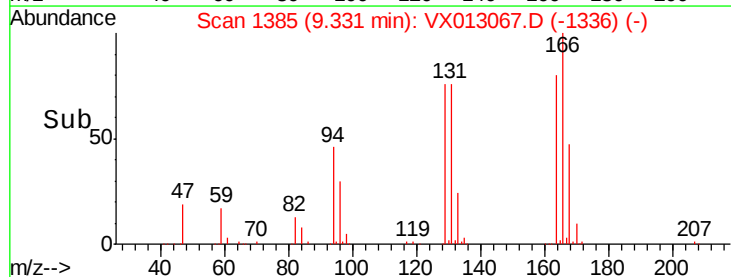
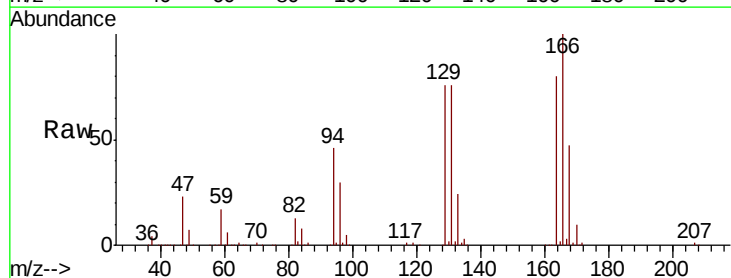
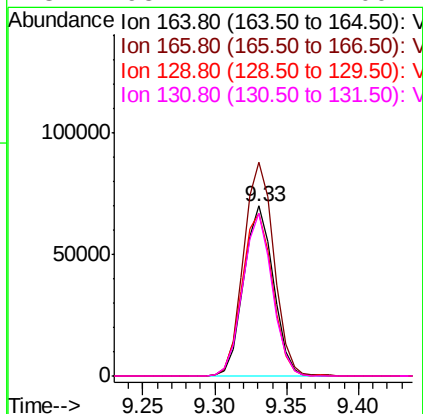
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

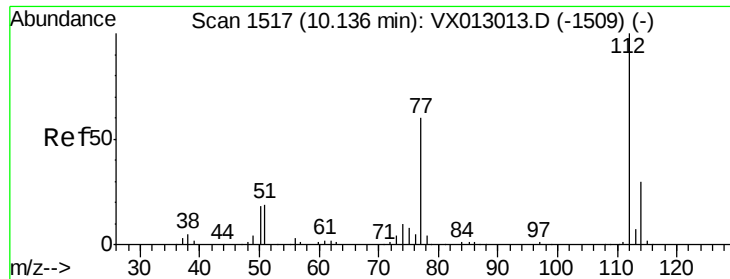
Tot Ion:117 Resp: 255954
Ion Ratio Lower Upper
117 100
82 59.3 44.1 66.1
119 30.8 25.8 38.8



#64
Tetrachloroethene
Concen: 56.168 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:164 Resp: 99715
Ion Ratio Lower Upper
164 100
166 125.5 96.9 145.3
129 95.9 77.9 116.9
131 95.4 72.7 109.1

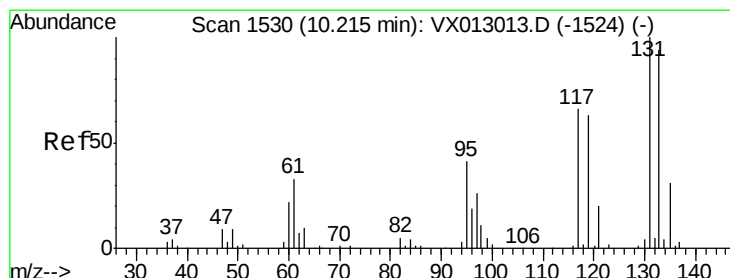
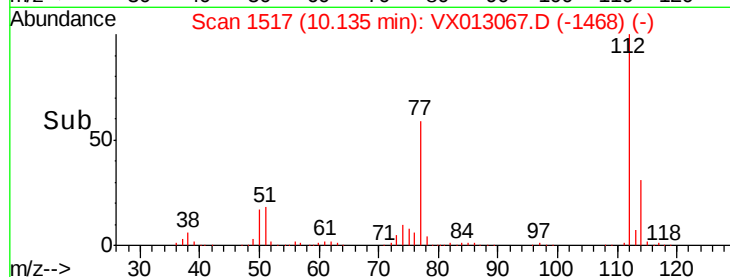
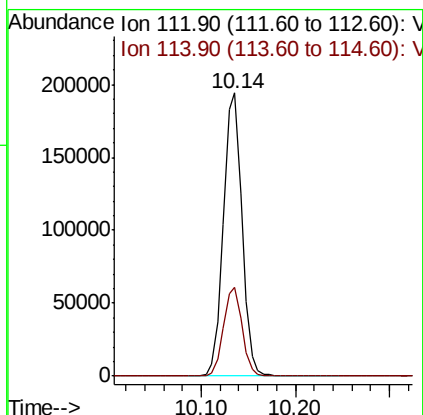
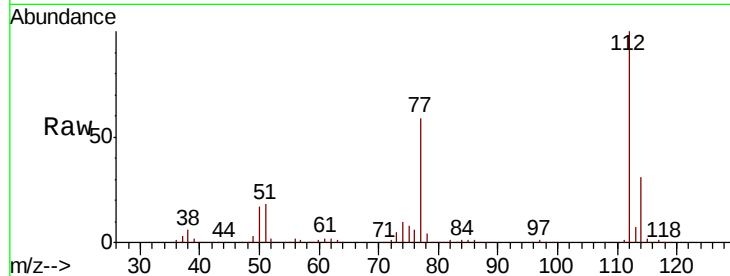




#65
Chlorobenzene
Concen: 52.257 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

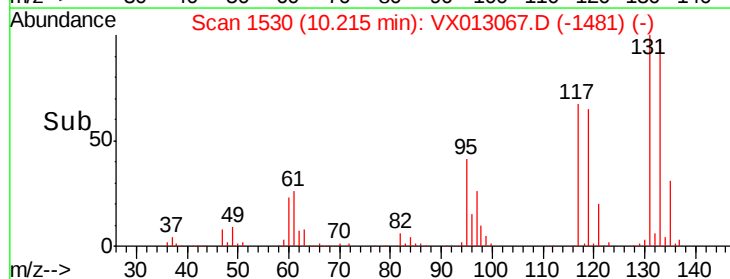
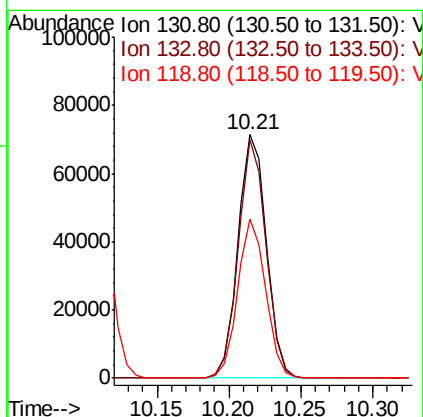
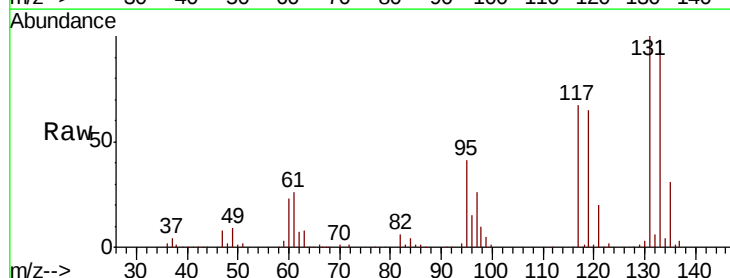
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

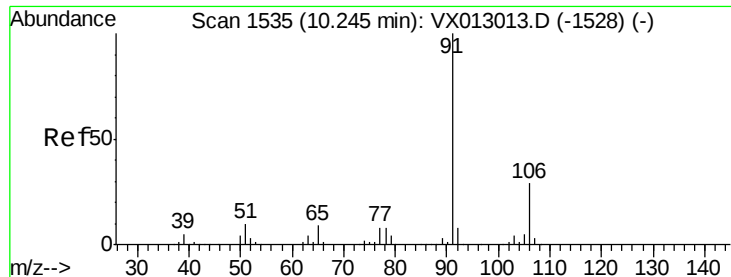
Tot Ion:112 Resp: 265615
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.350 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:131 Resp: 97545
Ion Ratio Lower Upper
131 100
133 96.1 47.2 141.6
119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 53.413 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

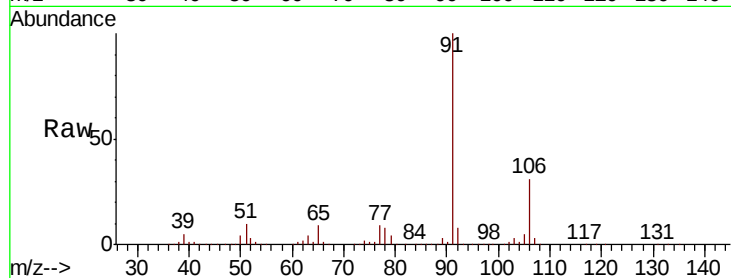
VSTDCCC050

Tot Ion: 91 Resp: 482248

Ion Ratio Lower Upper

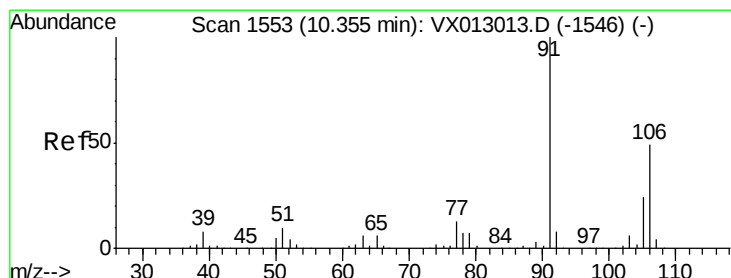
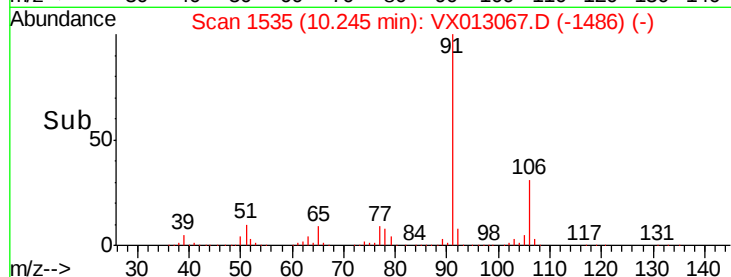
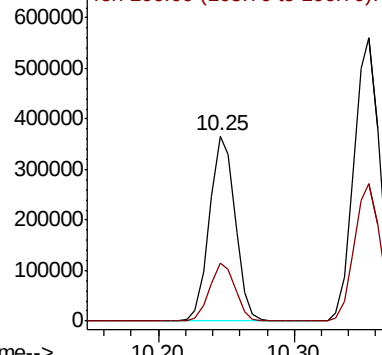
91 100

106 31.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 108.110 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013067.D

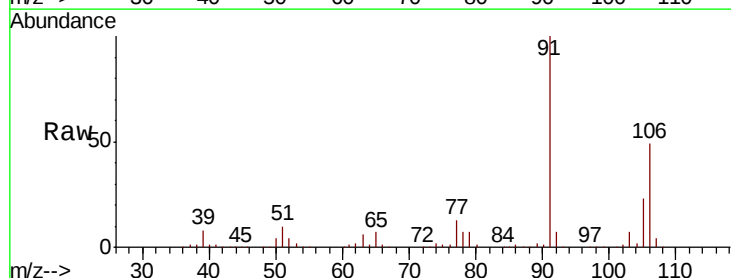
Acq: 15 Oct 2019 10:27

Tgt Ion: 106 Resp: 364648

Ion Ratio Lower Upper

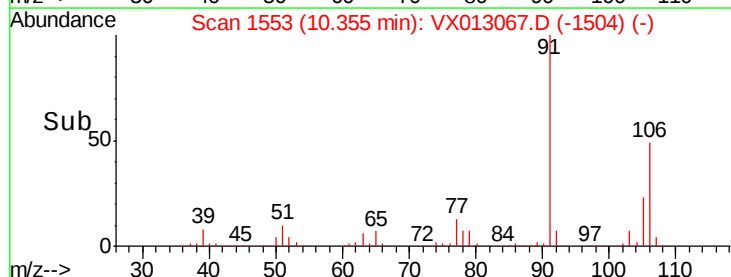
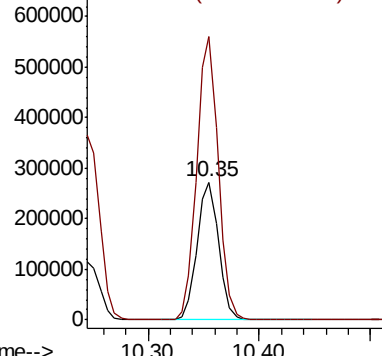
106 100

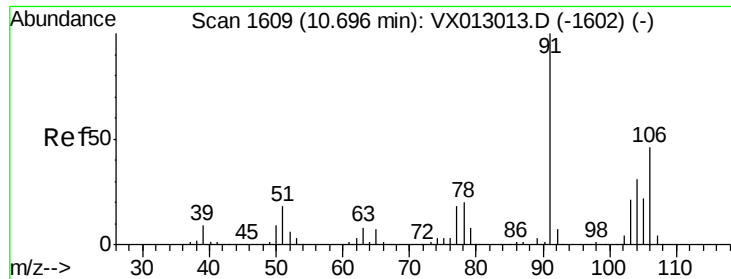
91 204.7 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

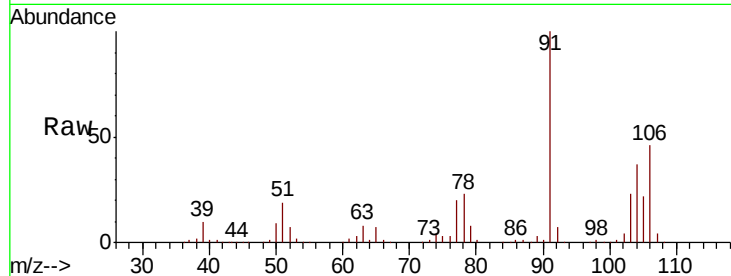




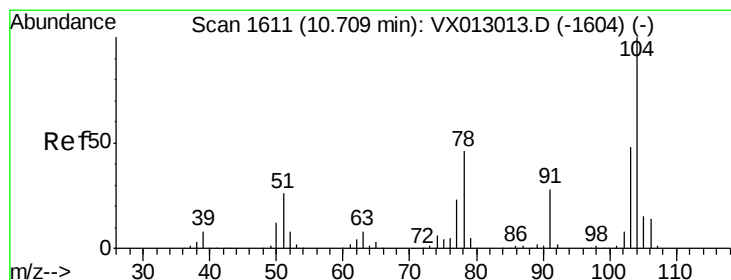
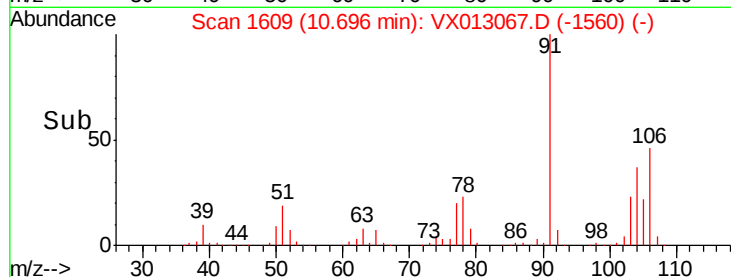
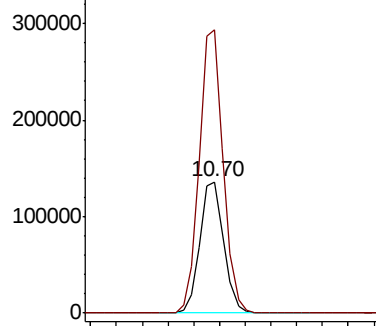
#69
o-Xylene
Concen: 53.955 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 177467
Ion Ratio Lower Upper
106 100
91 215.4 109.1 327.3

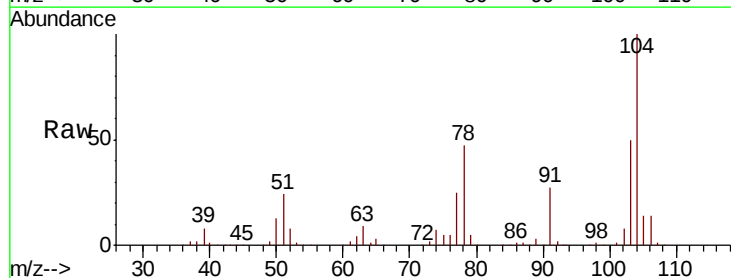


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

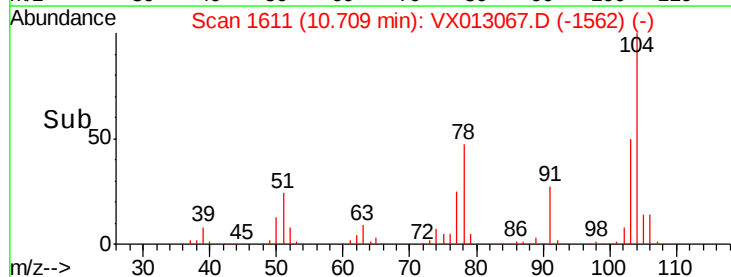
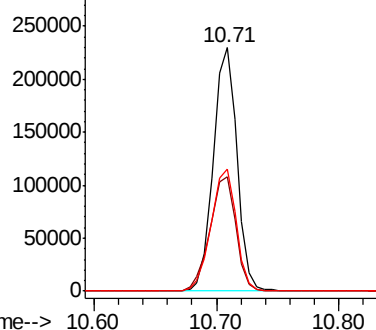


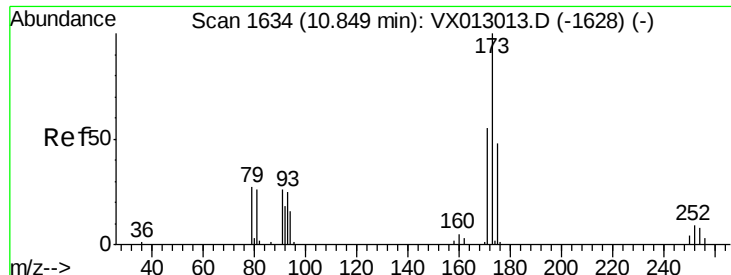
#70
Styrene
Concen: 55.101 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:104 Resp: 308106
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 53.5 43.0 64.4



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





#71

Bromoform

Concen: 48.097 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

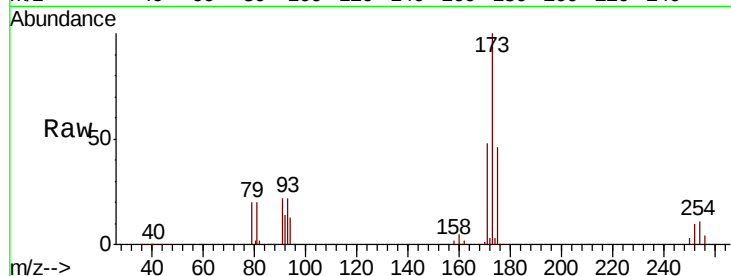
Tot Ion:173 Resp: 72018

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.3

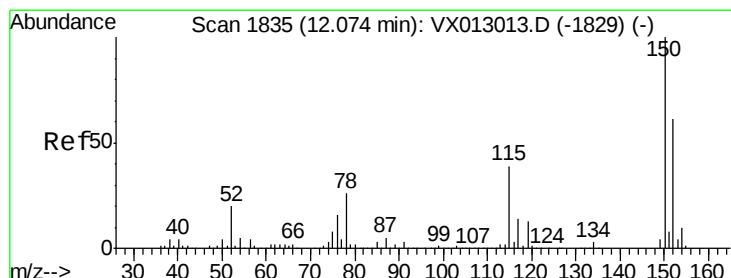
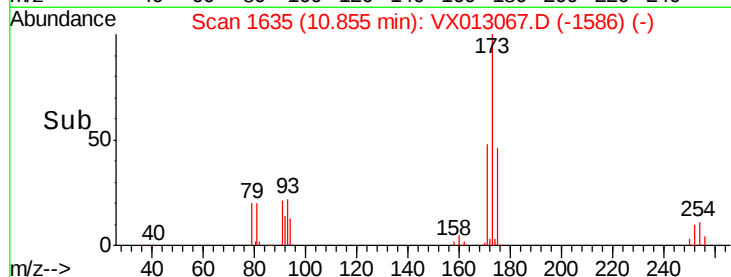
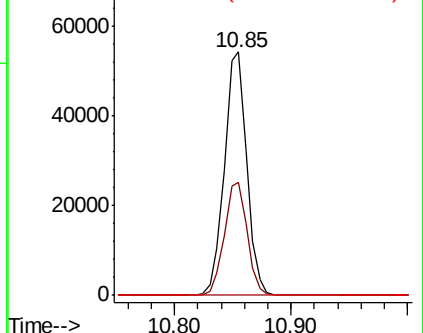
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

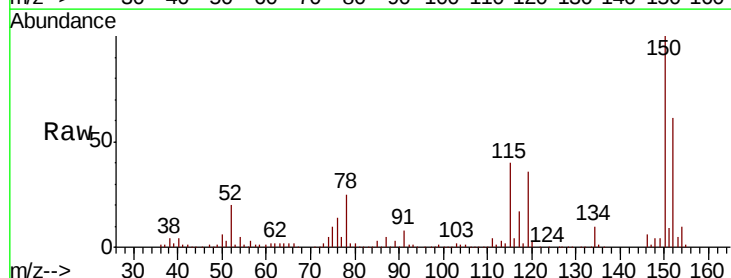
Tgt Ion:152 Resp: 126308

Ion Ratio Lower Upper

152 100

115 87.3 44.5 133.5

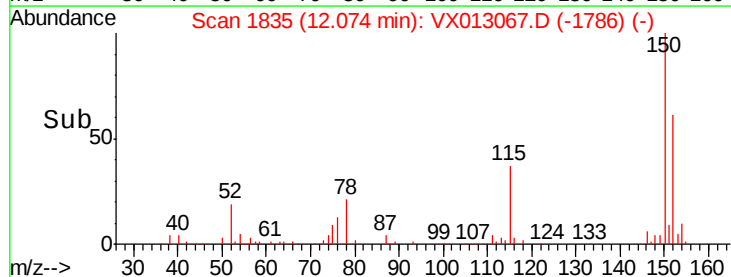
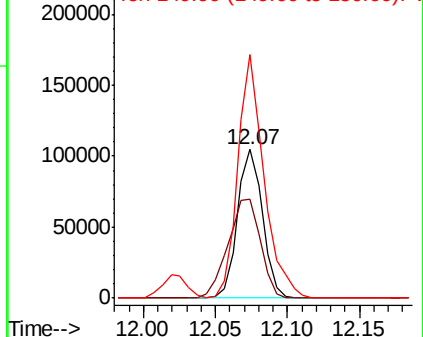
150 171.6 0.0 353.4

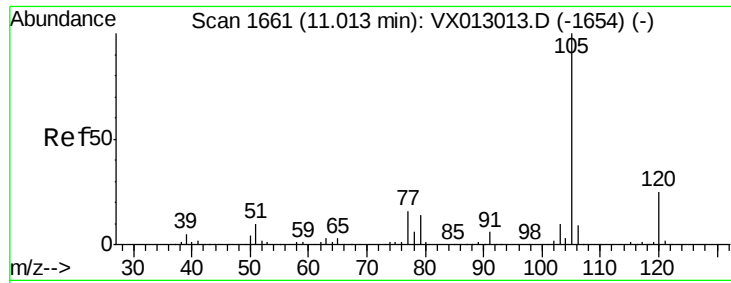


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.772 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

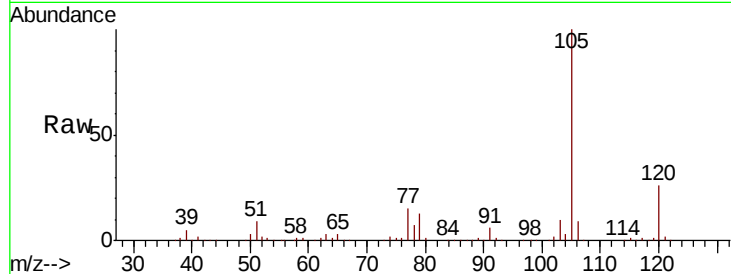
VSTDCCC050

Tot Ion:105 Resp: 480779

Ion Ratio Lower Upper

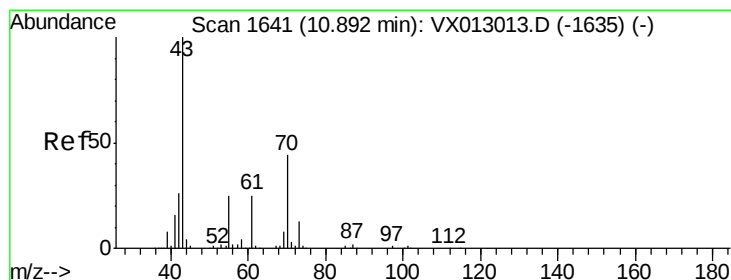
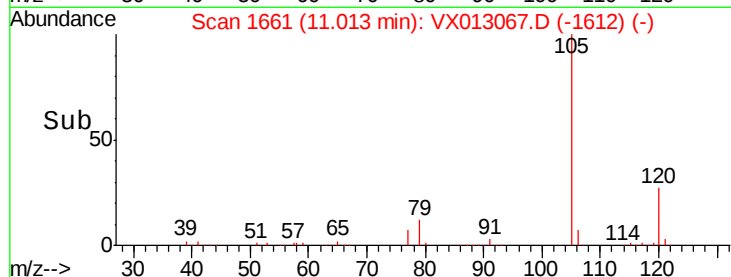
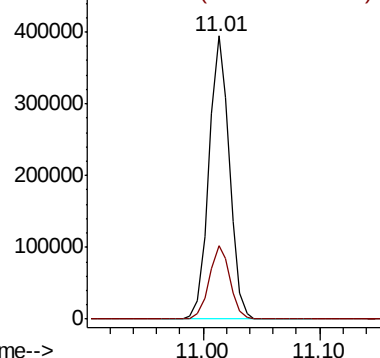
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.909 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion: 43 Resp: 195608

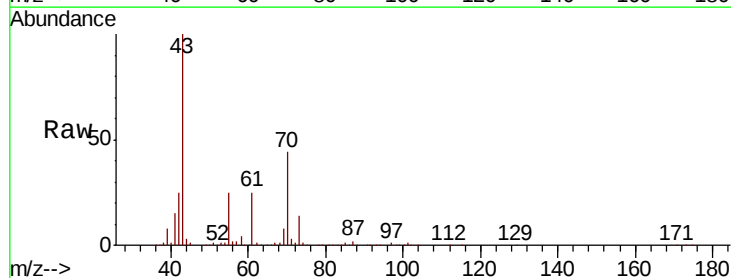
Ion Ratio Lower Upper

43 100

70 45.6 36.4 54.6

55 25.6 20.2 30.2

61 25.4 20.5 30.7

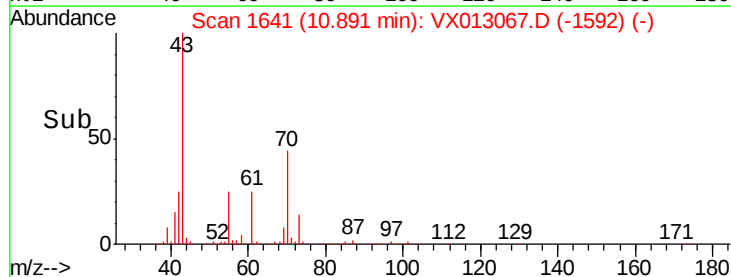
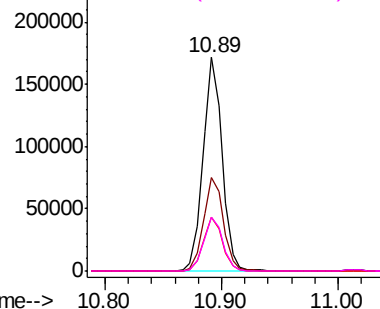


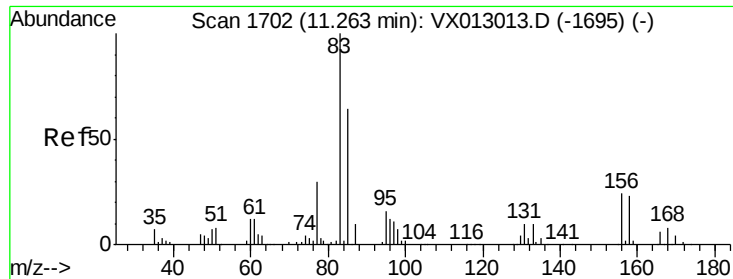
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

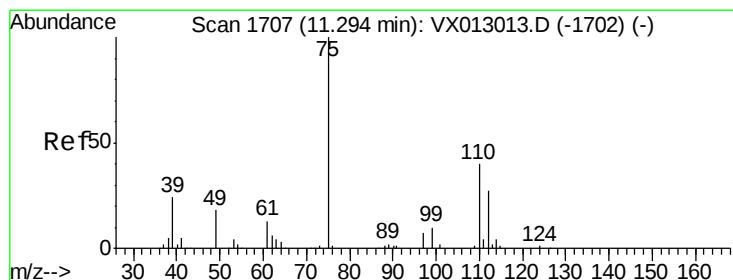
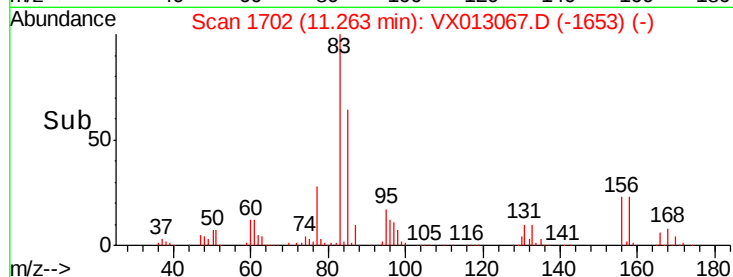
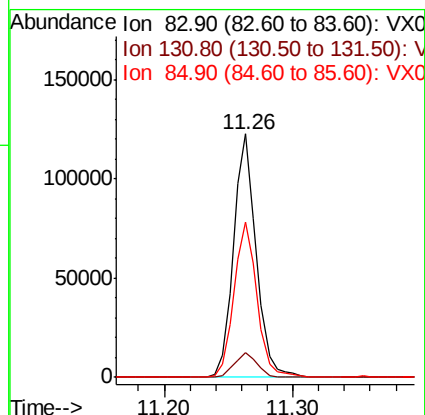
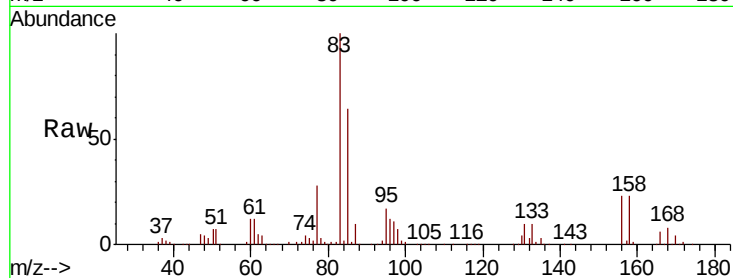




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.870 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

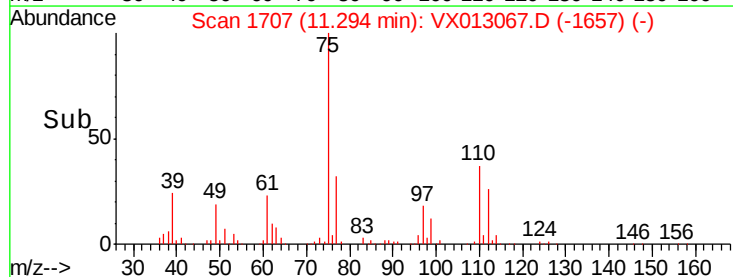
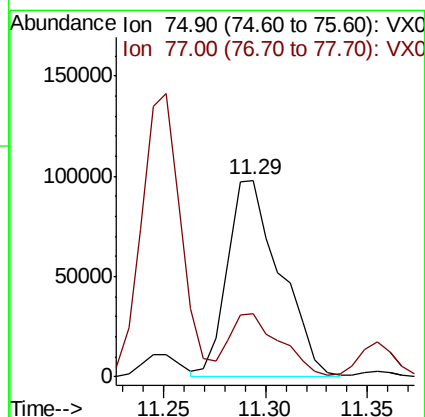
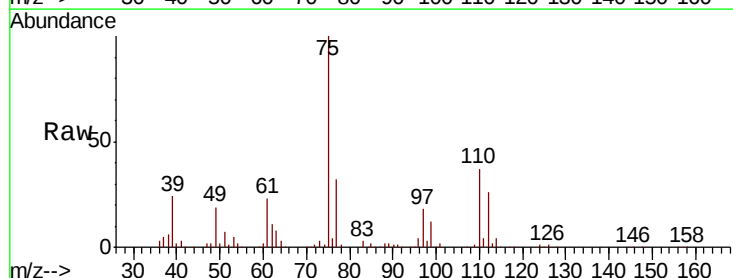
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

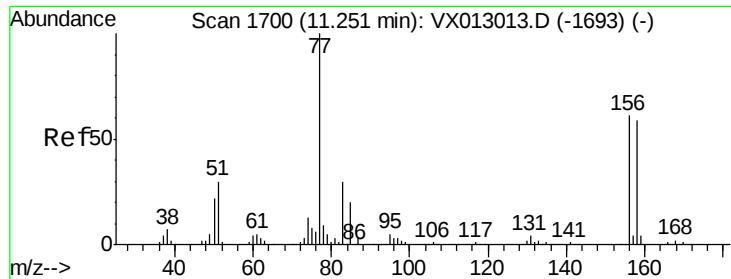
Tot Ion: 83 Resp: 150942
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 64.7 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 62.882 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 75 Resp: 176165
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.9 68.8





#77

Bromobenzene

Concen: 51.356 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

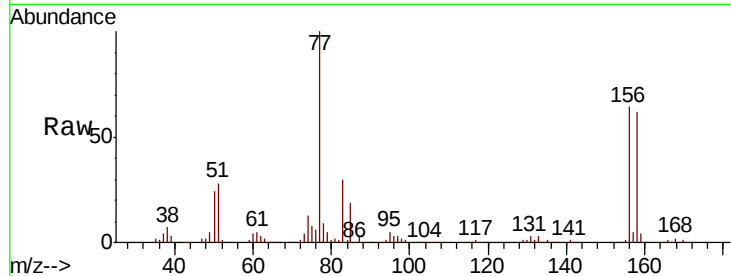
Tot Ion:156 Resp: 112384

Ion Ratio Lower Upper

156 100

77 168.1 83.7 251.0

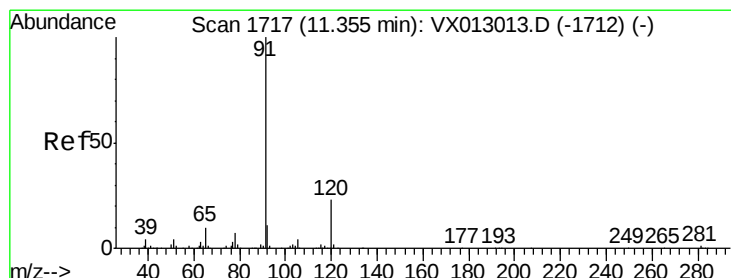
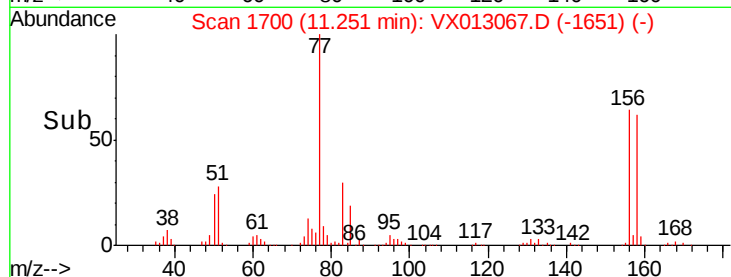
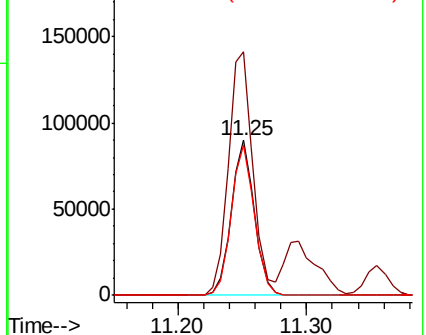
158 97.0 48.6 145.9



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: 52.482 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013067.D

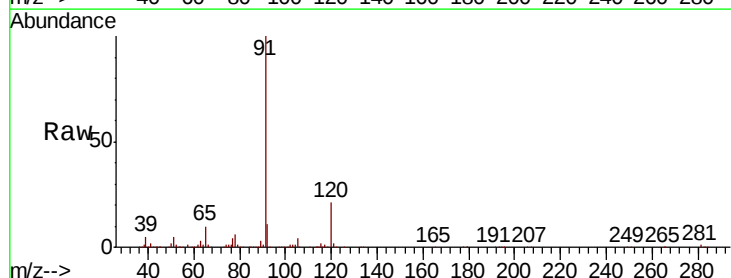
Acq: 15 Oct 2019 10:27

Tgt Ion: 91 Resp: 536283

Ion Ratio Lower Upper

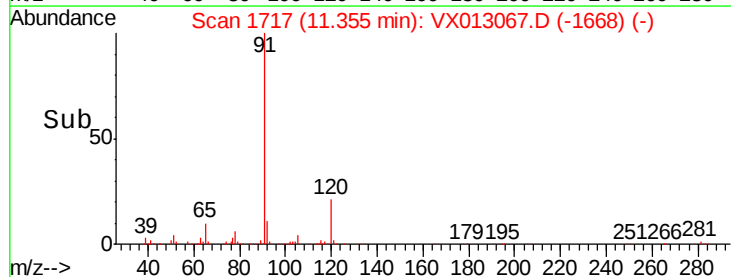
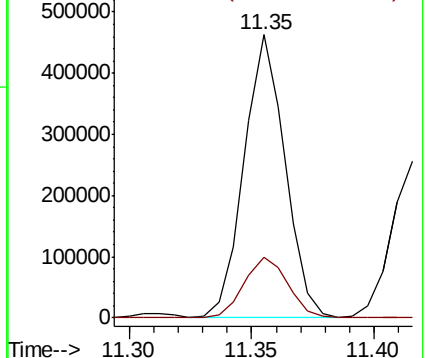
91 100

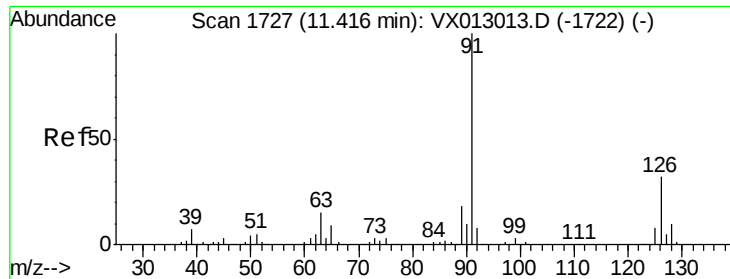
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

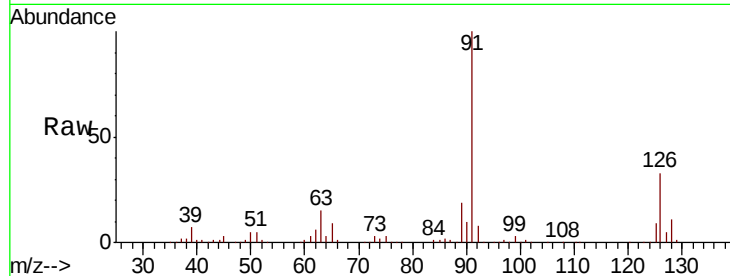




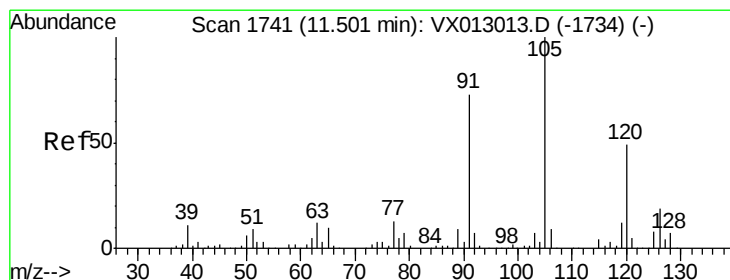
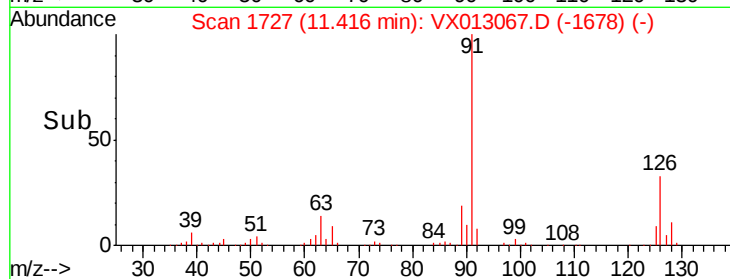
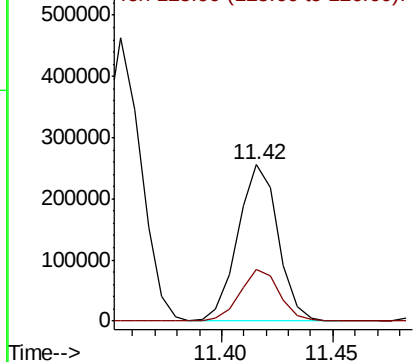
#79
 2-Chlorotoluene
 Concen: 49.926 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 320626
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8

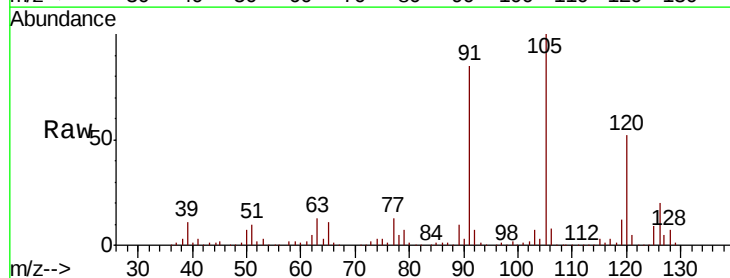


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

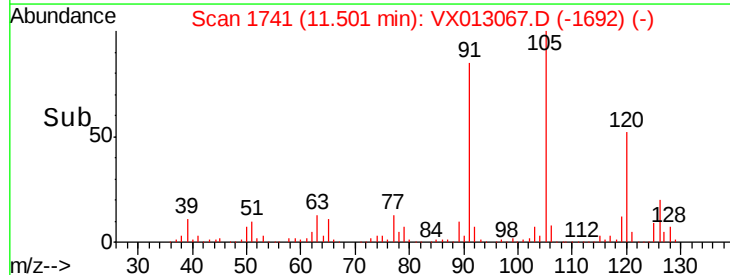
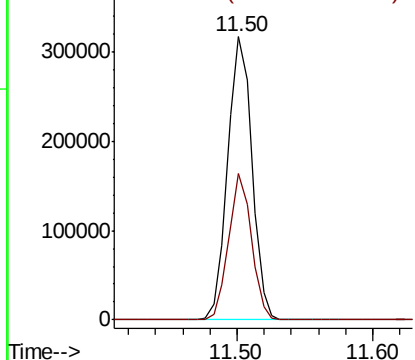


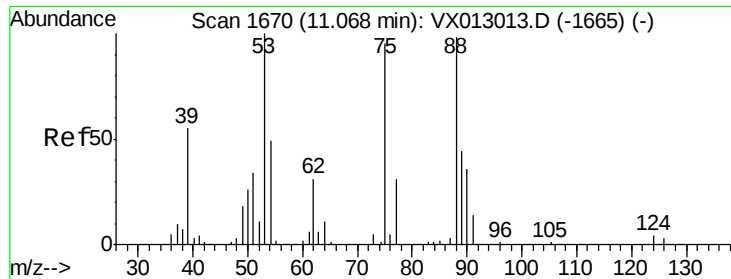
#80
 1,3,5-Trimethylbenzene
 Concen: 50.809 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 105 Resp: 393984
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

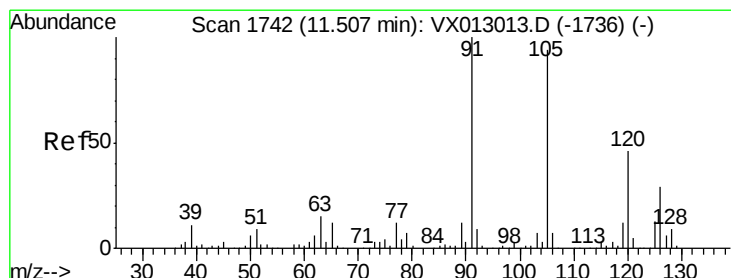
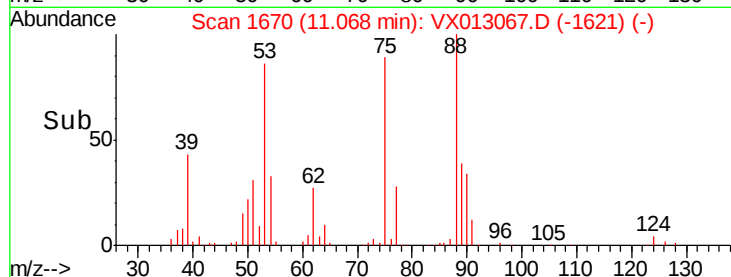
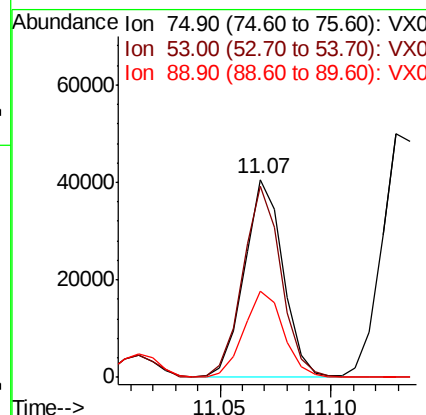
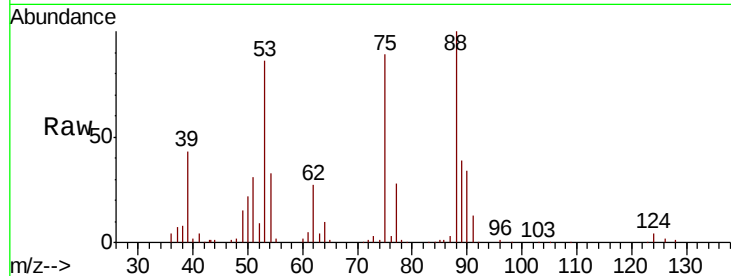




#81
trans-1,4-Dichloro-2-butene
Concen: 45.580 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

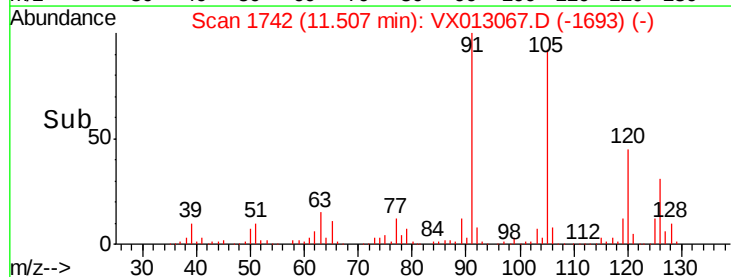
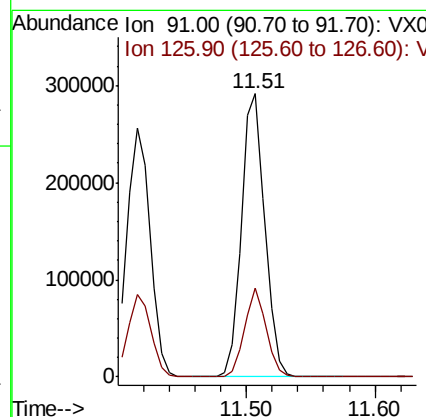
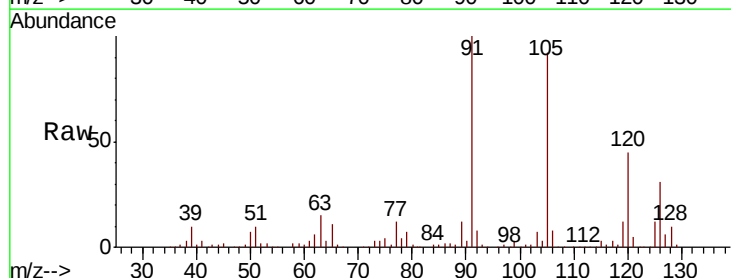
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

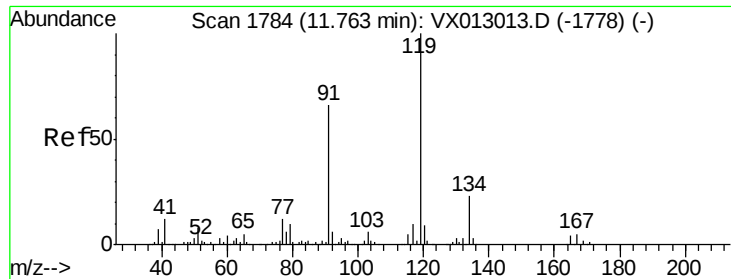
Tot Ion: 75 Resp: 49229
Ion Ratio Lower Upper
75 100
53 96.0 78.5 117.7
89 44.1 37.4 56.2



#82
4-Chlorotoluene
Concen: 49.866 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 91 Resp: 367053
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6

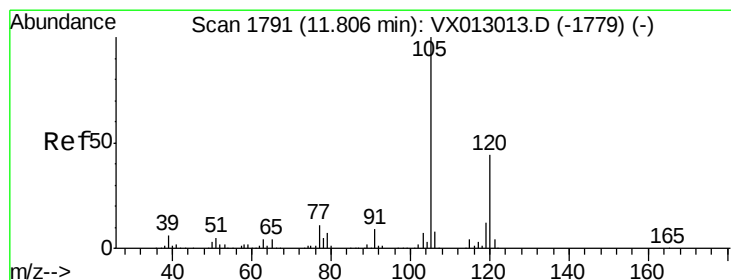
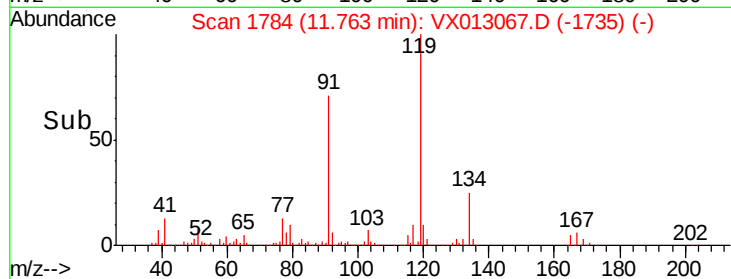
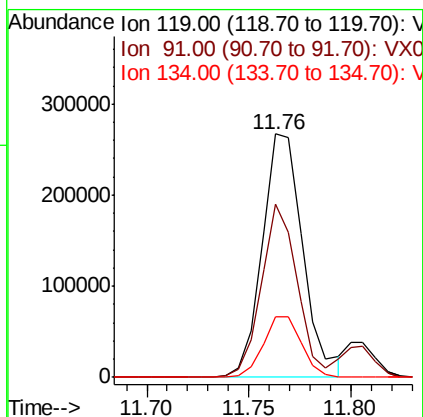
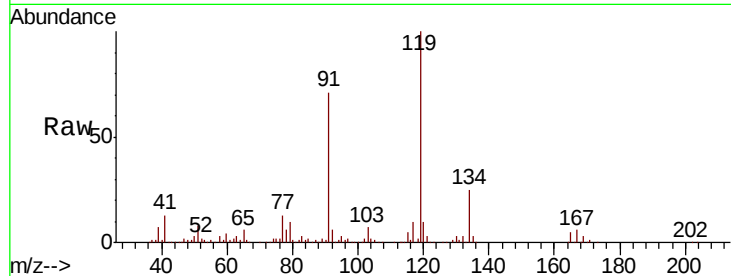




#83
tert-Butylbenzene
Concen: 49.047 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

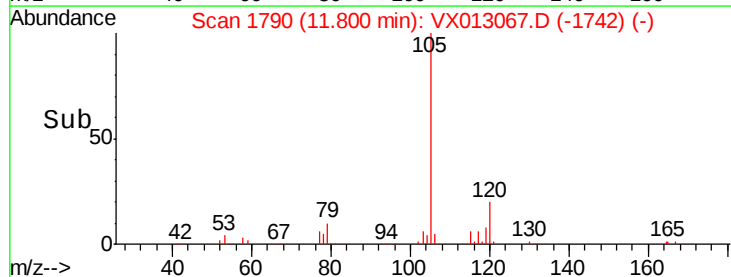
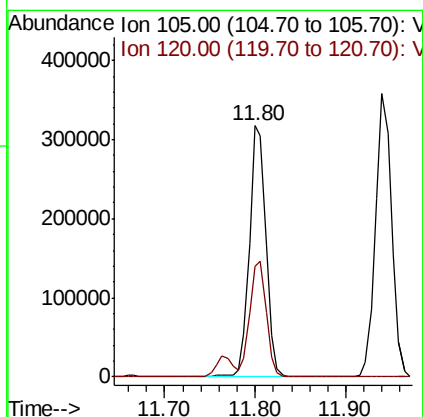
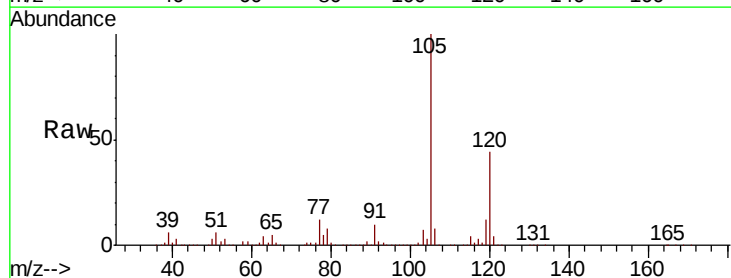
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

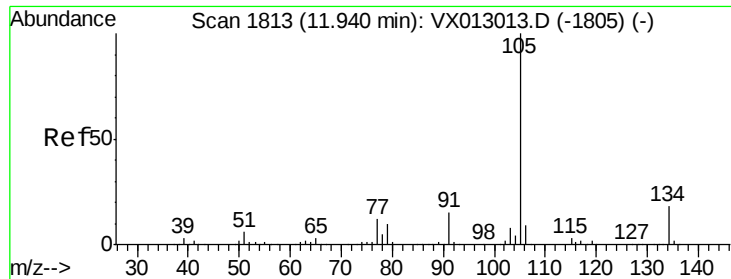
Tot Ion:119 Resp: 371000
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.9
134 23.8 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 50.915 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:105 Resp: 399844
Ion Ratio Lower Upper
105 100
120 46.0 21.8 65.3





#85

sec-Butylbenzene

Concen: 50.296 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

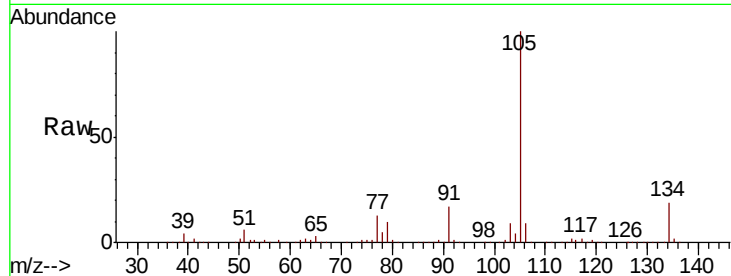
VSTDCCC050

Tot Ion:105 Resp: 440766

Ion Ratio Lower Upper

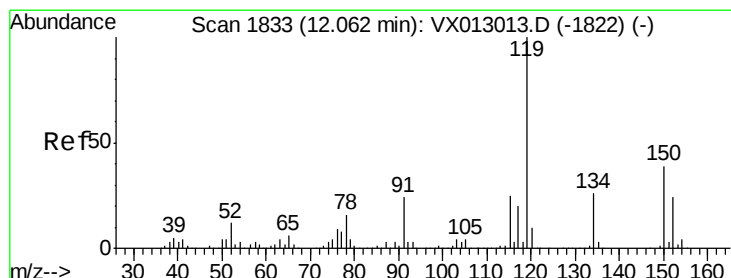
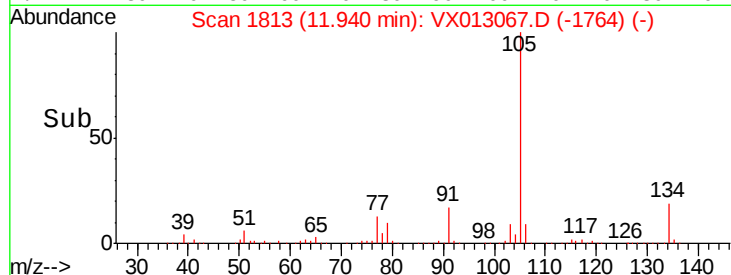
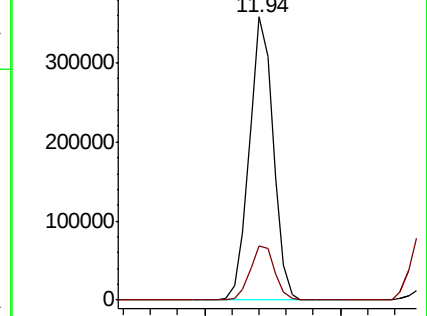
105 100

134 19.8 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.314 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

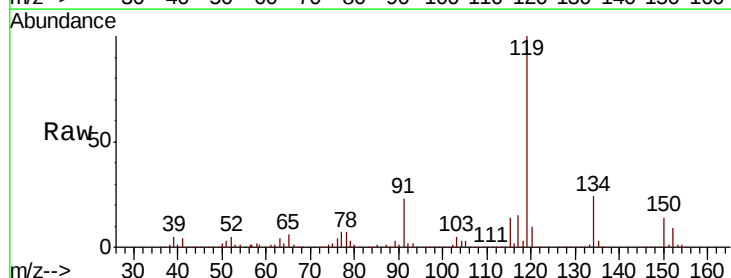
Tgt Ion:119 Resp: 433310

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

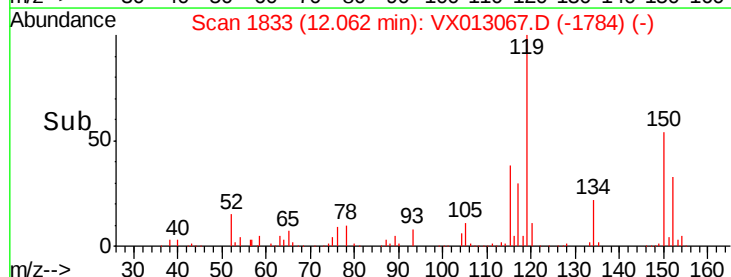
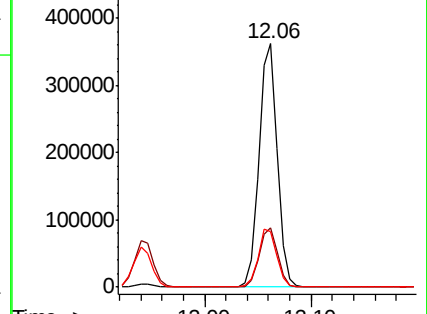
91 24.1 12.4 37.4

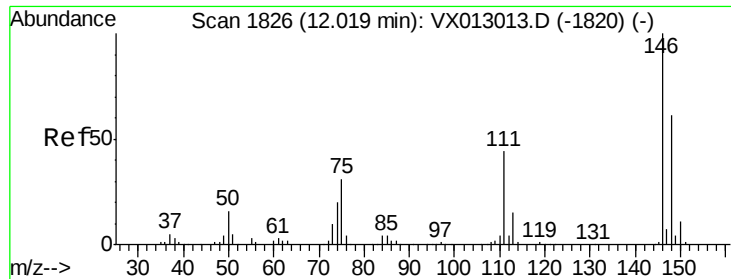


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

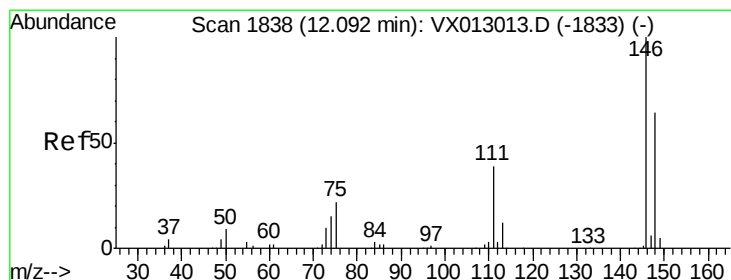
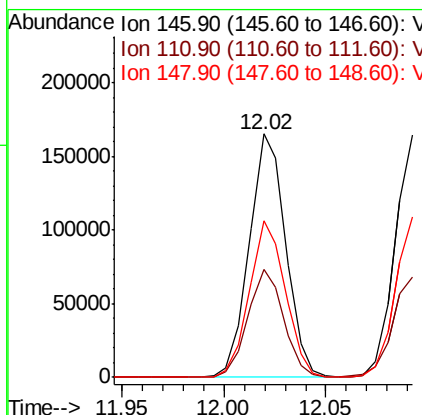
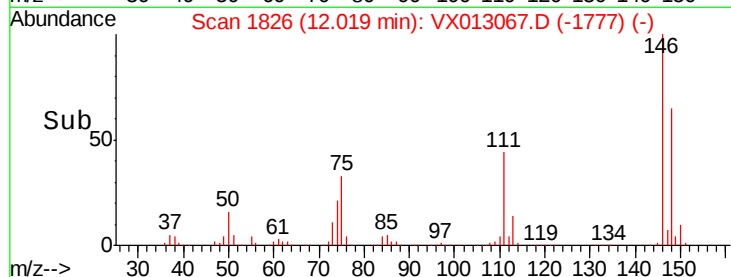
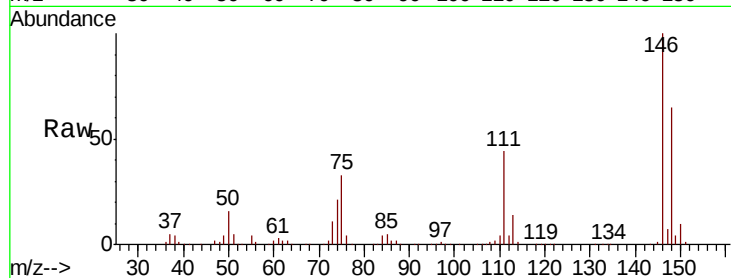




#87
 1,3-Dichlorobenzene
 Concen: 50.611 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

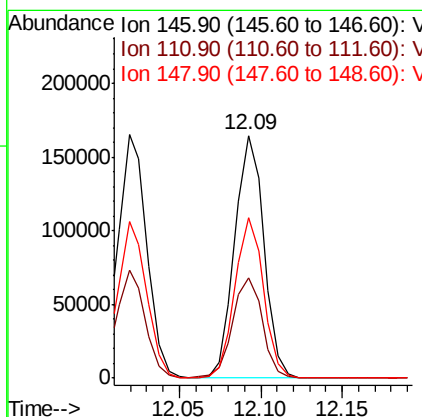
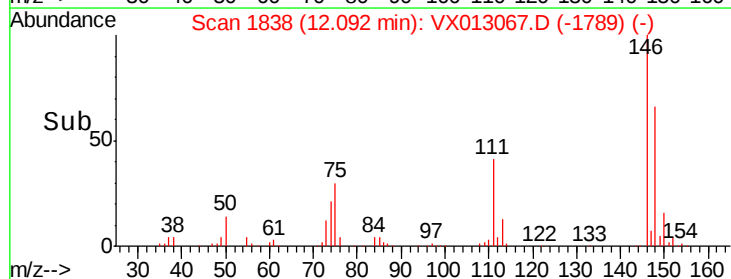
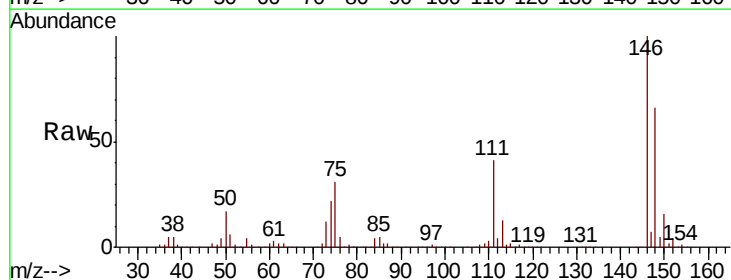
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 205670
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.4
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.731 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion:146 Resp: 204673
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 64.6 32.1 96.5

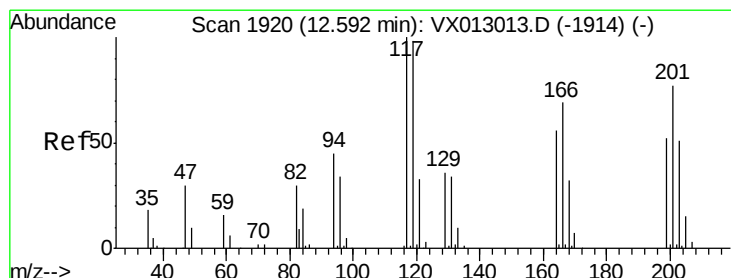
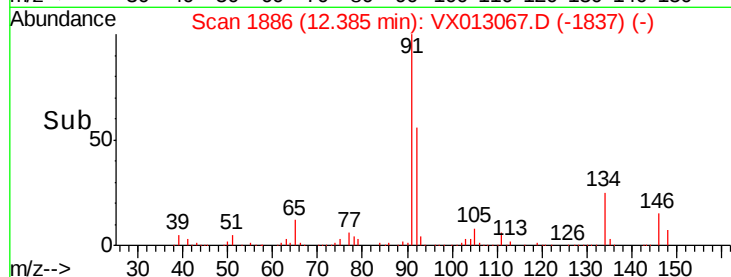
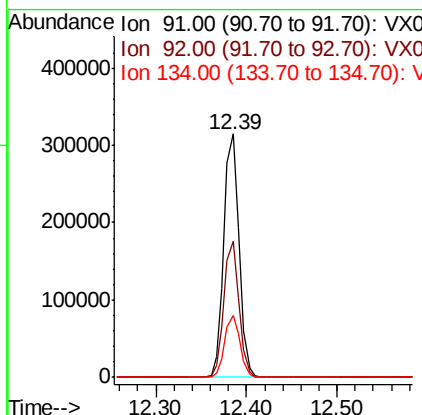
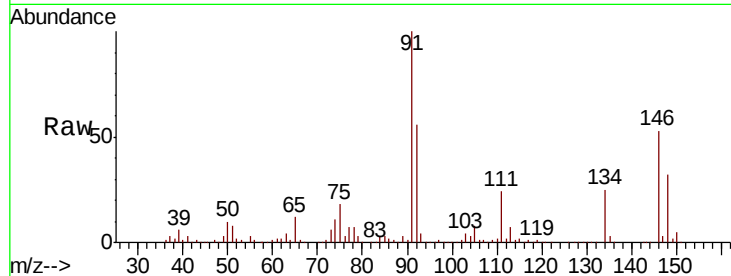




#89
n-Butylbenzene
Concen: 53.922 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

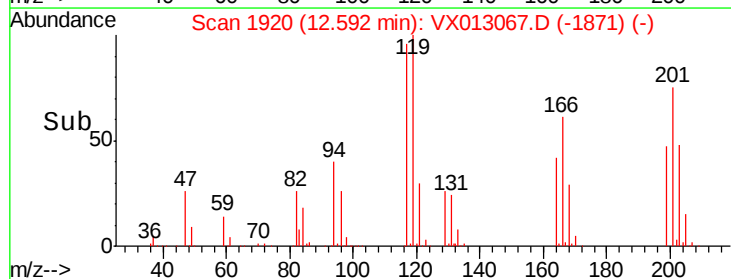
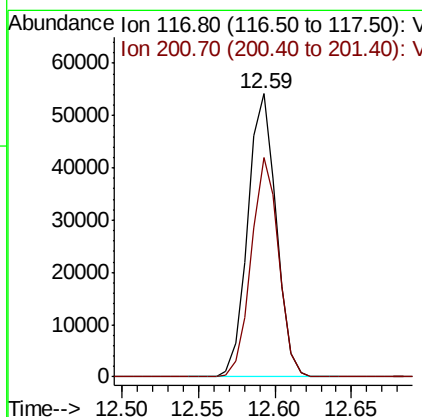
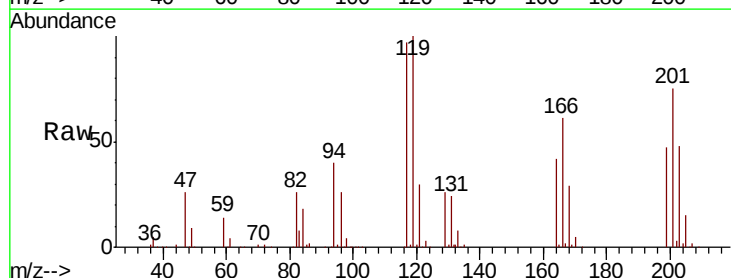
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

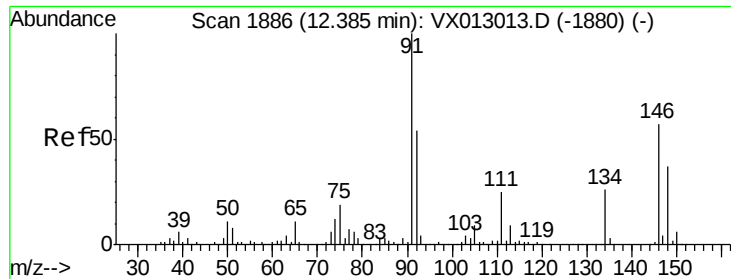
Tot Ion: 91 Resp: 368334
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.5
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 46.548 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 117 Resp: 69839
Ion Ratio Lower Upper
117 100
201 75.0 36.9 110.7

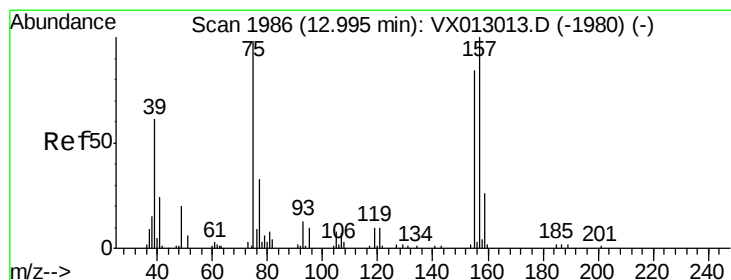
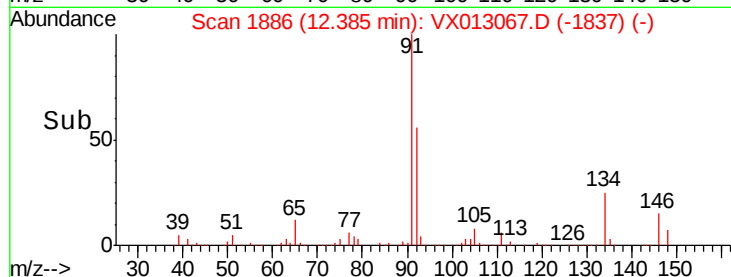
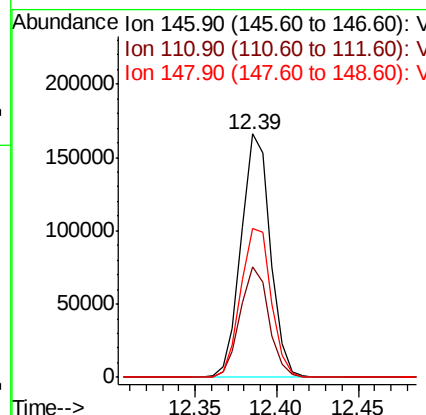
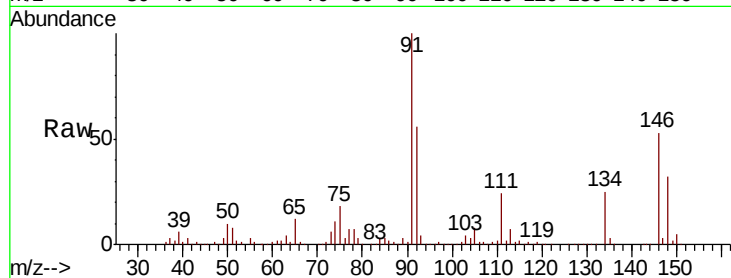




#91
 1,2-Dichlorobenzene
 Concen: 52.035 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

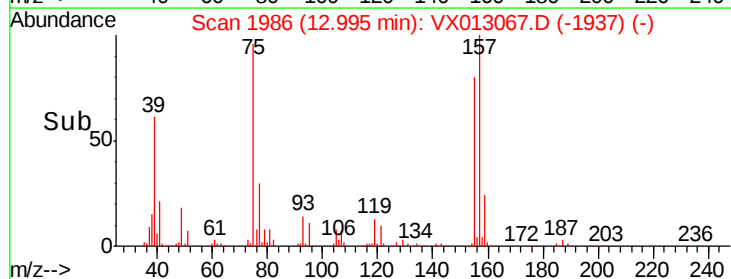
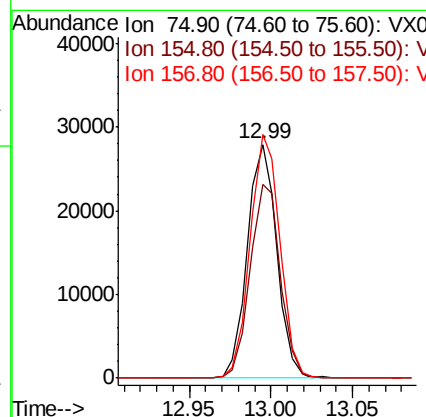
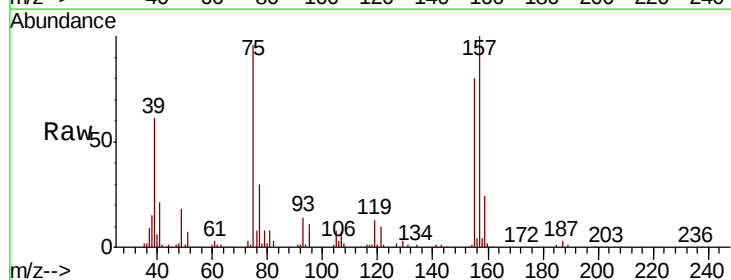
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

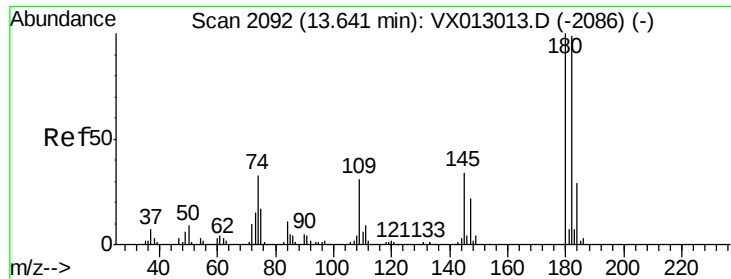
Tot Ion:146 Resp: 207301
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.7 68.0
 148 64.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.546 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 75 Resp: 35144
 Ion Ratio Lower Upper
 75 100
 155 85.4 43.0 128.8
 157 105.7 54.1 162.3

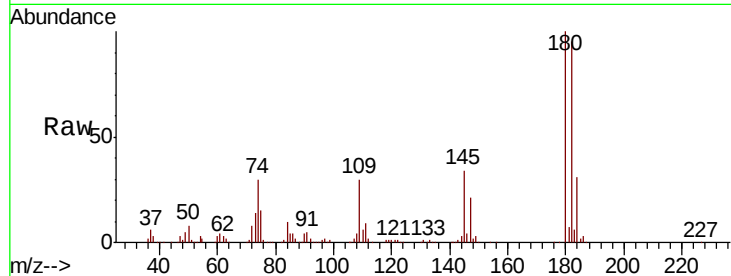




#93
 1,2,4-Trichlorobenzene
 Concen: 52.078 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.4
145	33.6	16.2	48.6

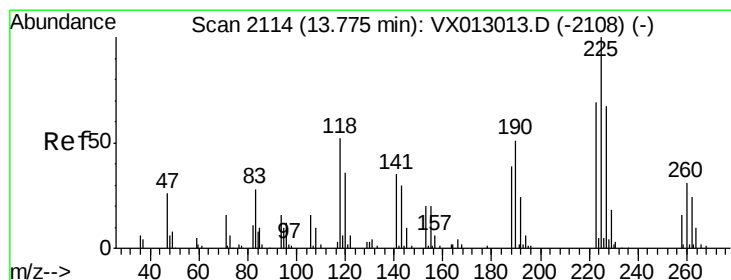
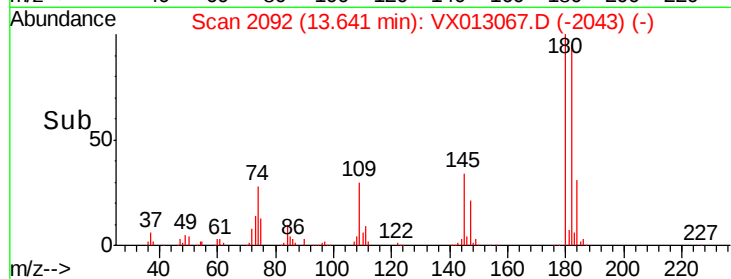
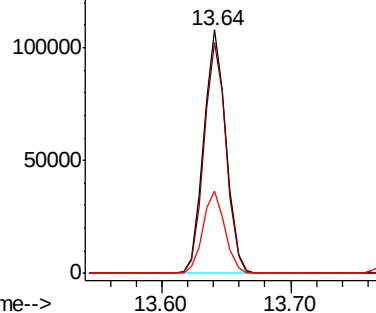


Abundance

Ion 179.80 (179.50 to 180.50): V

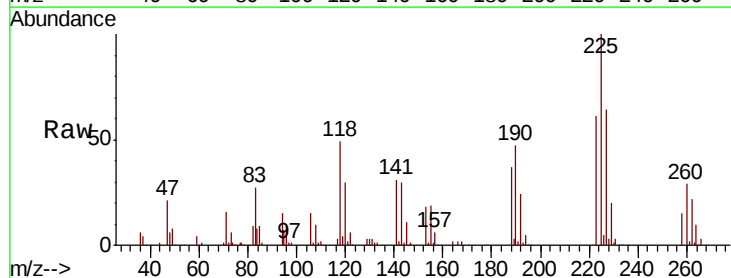
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 54.494 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.1	93.2
227	63.3	32.3	96.9

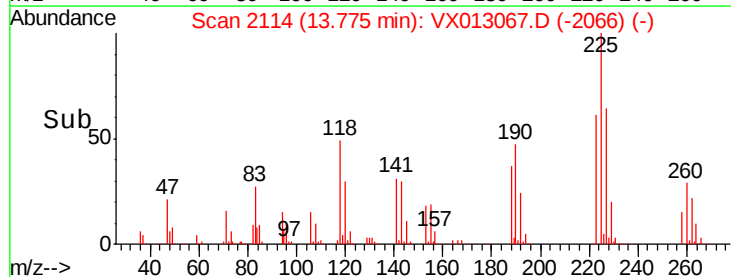
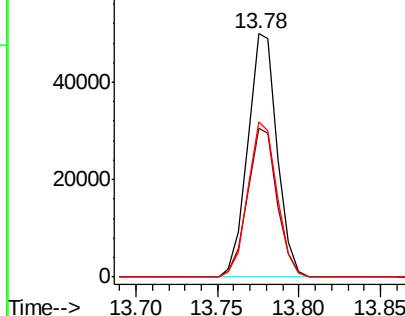


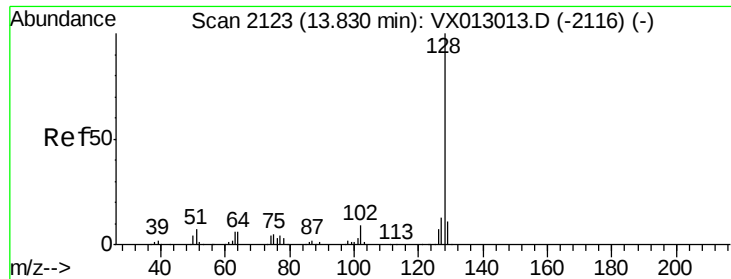
Abundance

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

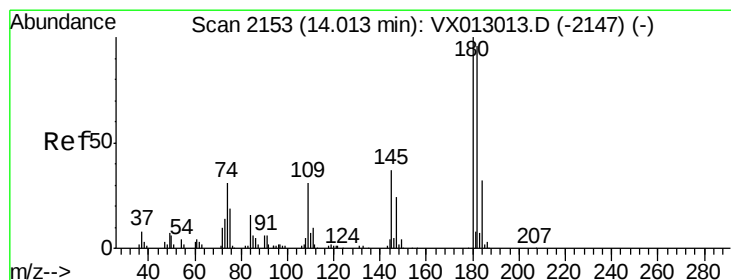
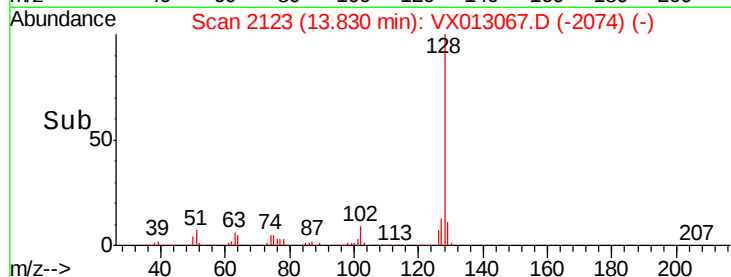
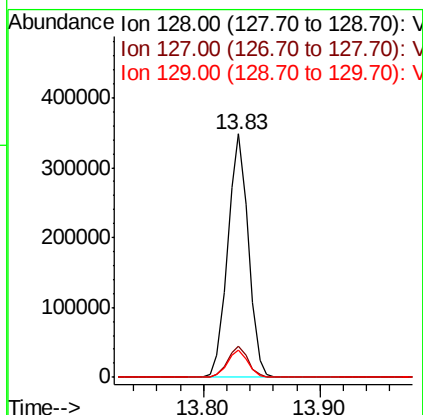
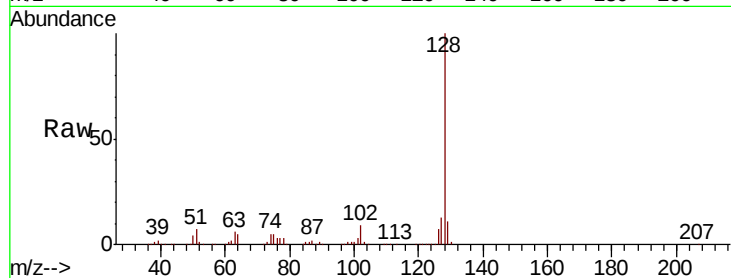




#95
Naphthalene
Concen: 49.245 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 426025
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.559 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:180 Resp: 130390
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 34.5 17.4 52.3

