

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013096.D
 Acq On : 16 Oct 2019 15:12
 Operator : JC/SP
 Sample : 5.0PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 03:11:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	30376	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	172482	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	151141	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	69470	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	11.14	95	76156	28.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.97%
63) Toluene-d8	8.71	98	209059	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	10475	5.115 ug/l	97
3) Chloromethane	1.32	50	10015	4.982 ug/l	95
4) Vinyl Chloride	1.40	62	9849	4.912 ug/l	93
5) Bromomethane	1.63	94	5417	5.781 ug/l	97
6) Chloroethane	1.89	64	493	0.400 ug/l	96
7) Trichlorofluoromethane	1.92	101	14650	4.972 ug/l	96
8) Diethyl Ether	2.18	74	5384	4.966 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.37	101	9163	4.934 ug/l	98
10) 1,1-Dichloroethene	2.36	96	9321	5.102 ug/l	97
11) Methyl Iodide	2.50	142	7388	3.306 ug/l	95
12) Methyl Acetate	2.76	43	13505	5.286 ug/l	97
13) Acrolein	2.28	56	8201	22.307 ug/l	91
14) Acrylonitrile	3.13	53	26445	24.798 ug/l	99
15) Acetone	2.43	58	8327	22.056 ug/l	85
16) Carbon Disulfide	2.56	76	24207	4.899 ug/l #	94
17) Allyl chloride	2.72	41	14917	4.811 ug/l	98
18) Methylene Chloride	2.84	84	11080	5.331 ug/l	97
19) trans-1,2-Dichloroethene	3.15	96	10015	5.119 ug/l	89
20) Diisopropyl ether	3.84	45	30770	5.173 ug/l	92
21) 1,1-Dichloroethane	3.69	63	17491	5.099 ug/l	98
22) cis-1,2-Dichloroethene	4.58	96	11064	4.921 ug/l	97
23) tert-Butyl Alcohol	3.03	59	16937	31.435 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	30986	4.976 ug/l	96
25) Chloroform	5.20	83	18352	5.174 ug/l	91
26) Cyclohexane	5.57	56	15718	5.042 ug/l #	98
29) 1,1-Dichloropropene	5.78	75	13983	5.315 ug/l	96
30) 2-Butanone	4.66	43	38355	24.750 ug/l	98
31) 2,2-Dichloropropane	4.57	77	14175	4.763 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	15740	5.114 ug/l	94
33) Carbon Tetrachloride	5.77	117	12468	4.722 ug/l	99
34) Benzene	6.14	78	40345	5.165 ug/l	98
35) Methacrylonitrile	5.03	41	4197	2.762 ug/l	91
36) 1,2-Dichloroethane	6.18	62	14414	5.104 ug/l	98
37) Trichloroethene	7.21	130	10427	4.997 ug/l	88
38) Methylcyclohexane	7.45	83	16279	5.056 ug/l	95
39) 1,2-Dichloropropane	7.51	63	10061	5.129 ug/l #	88
40) Dibromomethane	7.65	93	7100	5.330 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.89	83	12400	4.688	ug/l	95
42) Vinyl Acetate	3.80	43	125359	24.702	ug/l	100
43) Ethyl Acetate	4.83	43	13296	4.767	ug/l #	91
44) Isopropyl Acetate	6.43	43	22897	5.091	ug/l	97
45) 1,4-Dioxane	7.74	88	5624	101.747	ug/l #	95
46) Methyl methacrylate	7.76	41	10803	4.915	ug/l	96
47) n-amyl Acetate	10.89	43	16674	4.354	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	12696	4.337	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	14350	4.444	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	10036	4.992	ug/l	95
51) Ethyl methacrylate	9.17	69	14600	4.618	ug/l	97
52) 1,3-Dichloropropane	9.37	76	18014	5.339	ug/l	96
53) Dibromochloromethane	9.58	129	9196	4.454	ug/l	96
54) 1,2-Dibromoethane	9.67	107	10008	4.733	ug/l	91
55) 2-Chloroethyl vinyl ether	8.31	63	34345	24.691	ug/l	100
56) Bromoform	10.85	173	5664	3.943	ug/l	95
58) 4-Methyl-2-Pentanone	8.64	43	71233	25.902	ug/l	99
59) 2-Hexanone	9.49	43	51349	23.927	ug/l	100
61) Tetrachloroethene	9.33	164	9976	5.181	ug/l	87
62) Toluene	8.78	91	43461	5.291	ug/l	99
64) Chlorobenzene	10.14	112	26392	5.056	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	9065	4.728	ug/l	97
66) Ethyl Benzene	10.25	91	46449	4.955	ug/l	97
67) m/p-Xylenes	10.35	106	34806	9.868	ug/l	97
68) o-Xylene	10.70	106	17178	5.001	ug/l	99
69) Styrene	10.71	104	26605	4.500	ug/l	98
70) Isopropylbenzene	11.01	105	44856	4.890	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	13990	4.686	ug/l	95
72) 1,2,3-Trichloropropane	11.29	75	16429	6.618	ug/l	79
73) Bromobenzene	11.25	156	10588	4.839	ug/l	100
74) n-propylbenzene	11.35	91	48647	4.748	ug/l	100
75) 2-Chlorotoluene	11.42	91	32002	5.098	ug/l	96
76) 1,3,5-Trimethylbenzene	11.50	105	37304	4.779	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	3609	3.757	ug/l	89
78) 4-Chlorotoluene	11.51	91	34667	4.776	ug/l	99
79) tert-butylbenzene	11.76	119	36392	4.956	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	37022	4.756	ug/l	97
81) sec-Butylbenzene	11.94	105	40856	4.619	ug/l	100
82) p-Isopropyltoluene	12.06	119	36443	4.518	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	19014	4.795	ug/l	97
84) 1,4-Dichlorobenzene	12.09	146	19623	4.920	ug/l	99
85) n-Butylbenzene	12.38	91	28356	4.119	ug/l	98
86) Hexachloroethane	12.59	117	5912	4.230	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	19140	4.894	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.99	75	3144	4.586	ug/l	90
89) 1,2,4-Trichlorobenzene	13.64	180	11080	4.540	ug/l	96
90) Hexachlorobutadiene	13.77	225	5017	4.332	ug/l	90
91) Naphthalene	13.83	128	34572	4.165	ug/l	98
92) 1,2,3-Trichlorobenzene	14.02	180	11300	4.623	ug/l	97

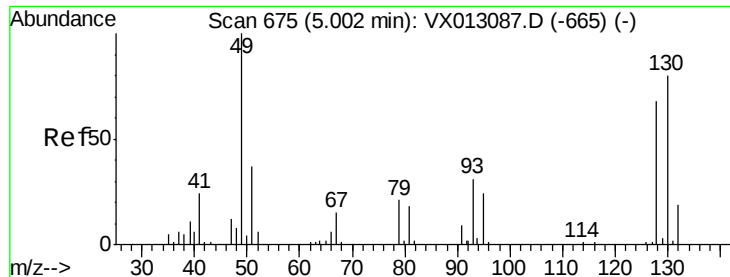
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampled :

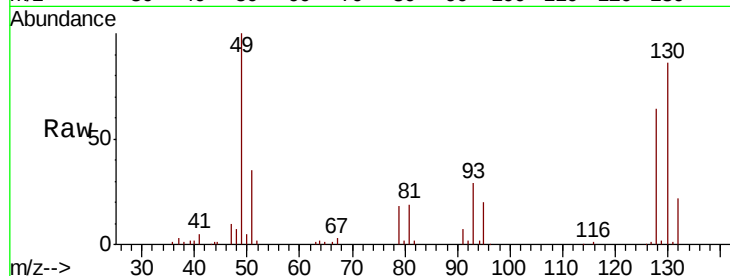
Tot Ion:128 Resp: 30376

Ion Ratio Lower Upper

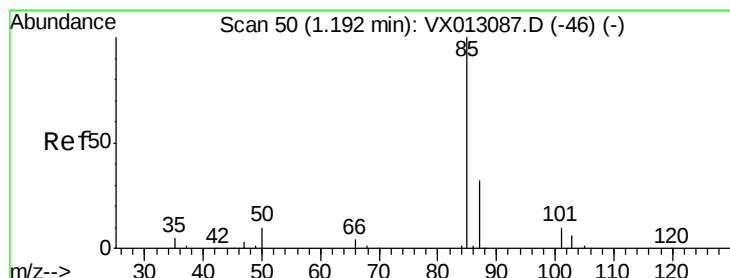
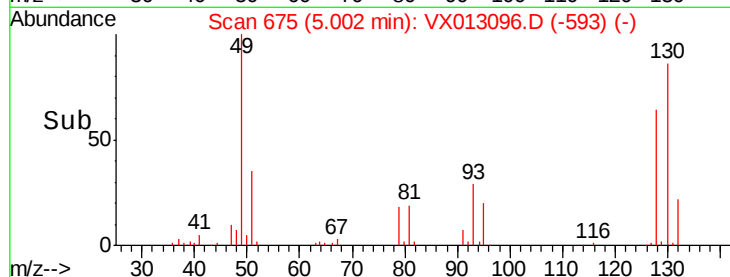
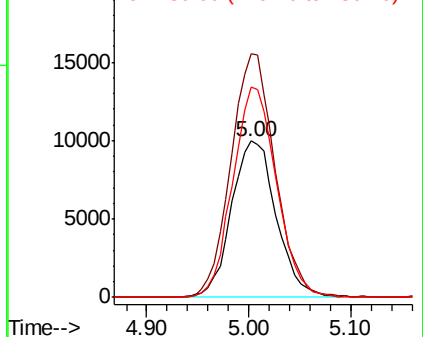
128 100

49 153.6 0.0 382.3

130 131.6 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 5.115 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013096.D

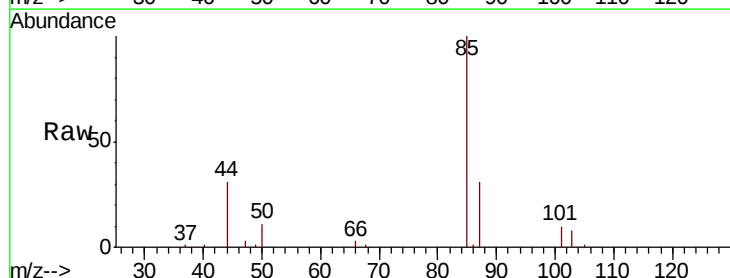
Acq: 16 Oct 2019 15:12

Tgt Ion: 85 Resp: 10475

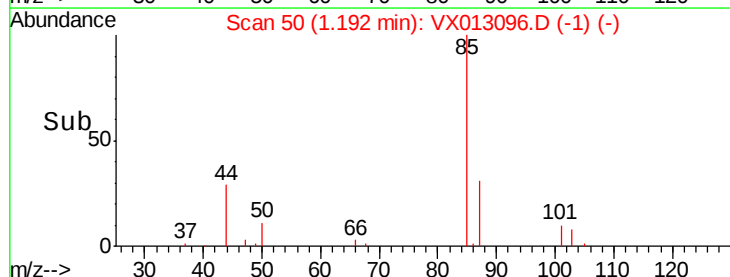
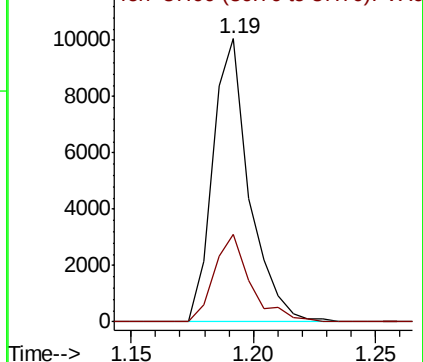
Ion Ratio Lower Upper

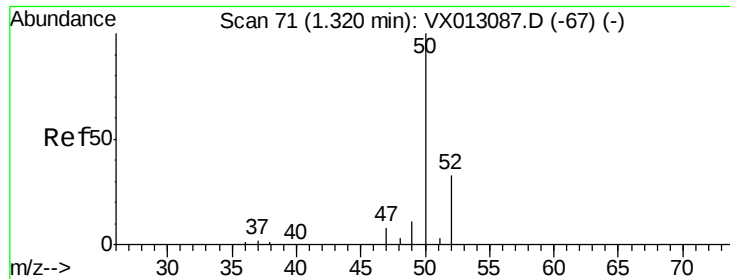
85 100

87 30.8 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 4.982 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

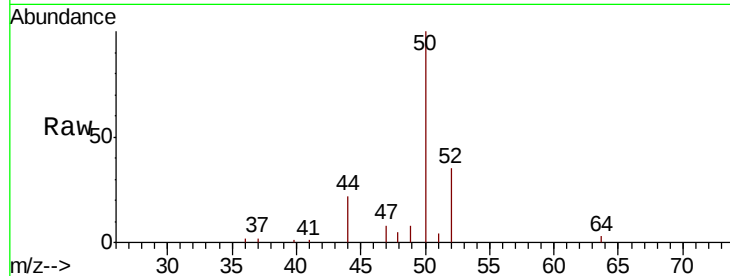
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 10015

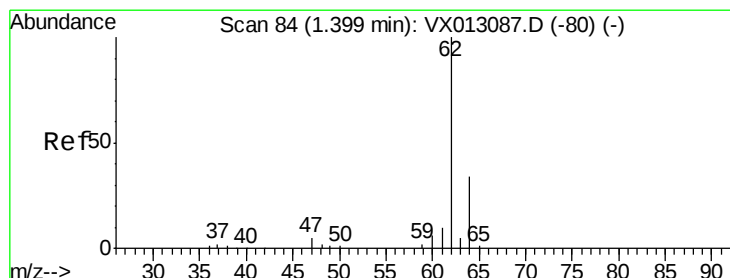
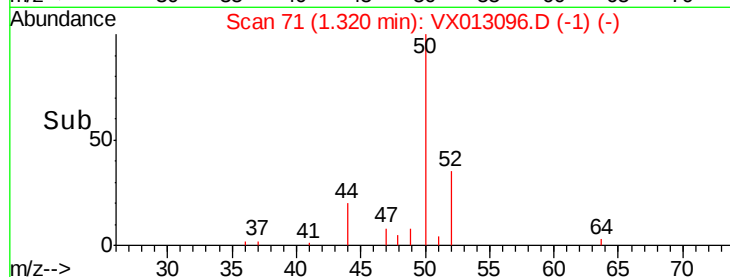
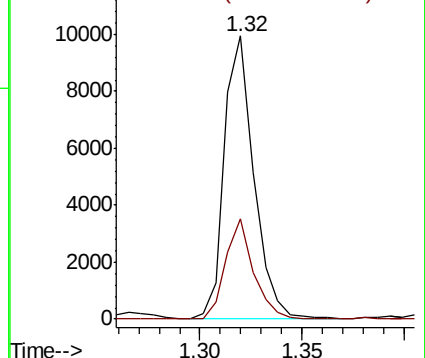
Ion Ratio Lower Upper

50 100

52 35.3 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 4.912 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013096.D

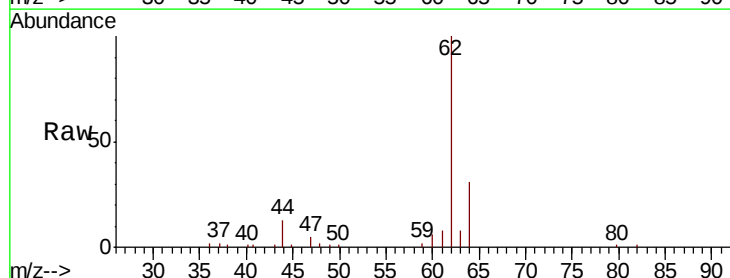
Acq: 16 Oct 2019 15:12

Tgt Ion: 62 Resp: 9849

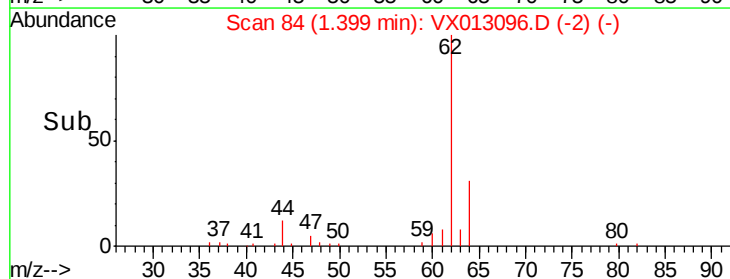
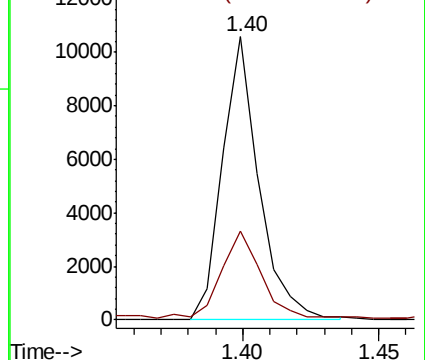
Ion Ratio Lower Upper

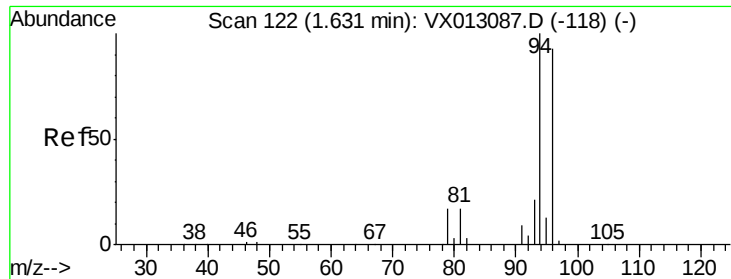
62 100

64 30.4 27.4 41.0



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 5.781 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

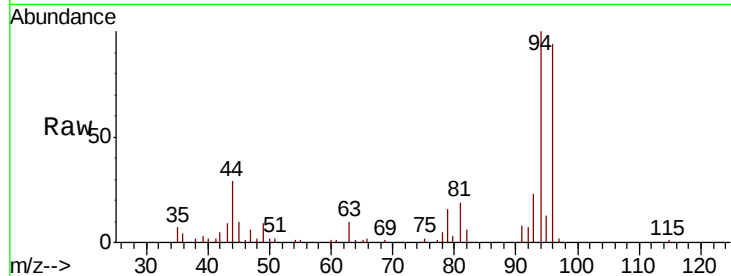
ClientSampleId :

Tot Ion: 94 Resp: 5417

Ion Ratio Lower Upper

94 100

96 95.6 74.2 111.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

6000

5000

4000

3000

2000

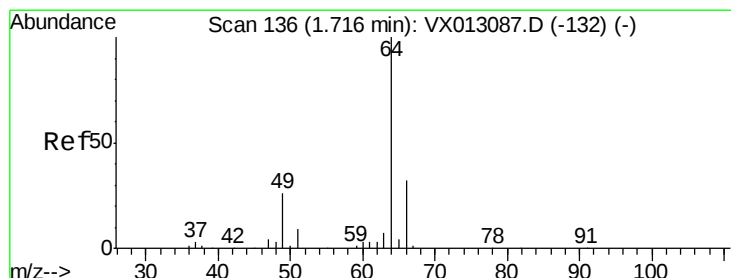
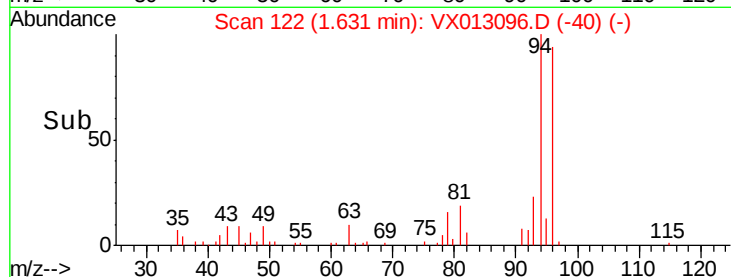
1000

0

1.63

1.60 1.62 1.64 1.66

Time-->



#6

Chloroethane

Concen: 0.400 ug/l

RT: 1.89 min Scan# 165

Delta R.T. 0.18 min

Lab File: VX013096.D

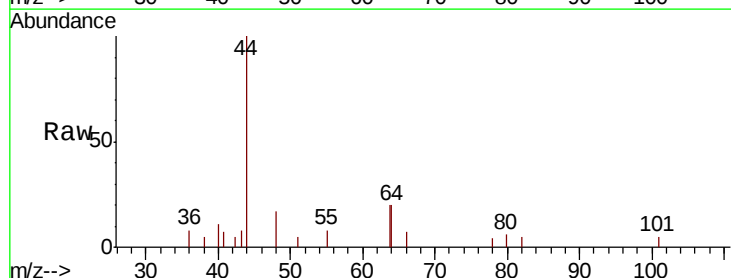
Acq: 16 Oct 2019 15:12

Tgt Ion: 64 Resp: 493

Ion Ratio Lower Upper

64 100

66 34.5 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1500

1000

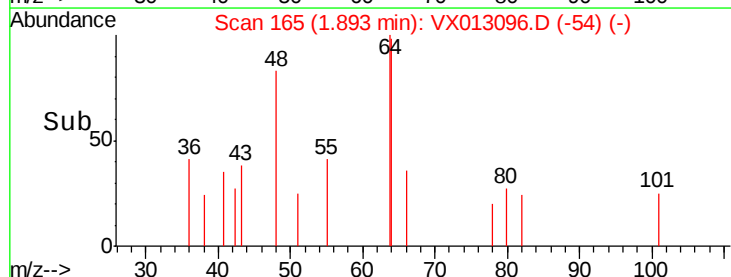
500

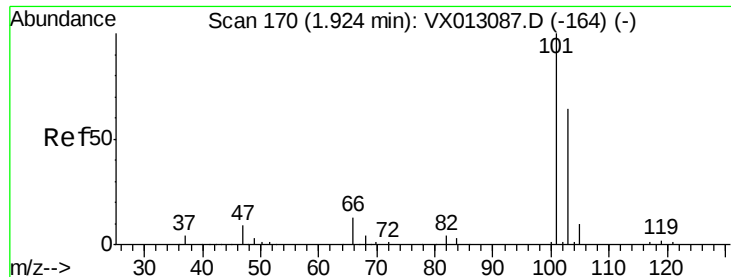
0

1.89

1.88 1.89 1.90 1.91 1.92

Time-->





#7

Trichlorofluoromethane

Concen: 4.972 ug/l

RT: 1.92 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

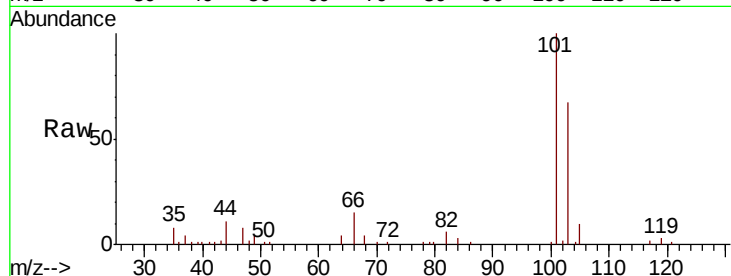
ClientSampled :

Tot Ion:101 Resp: 14650

Ion Ratio Lower Upper

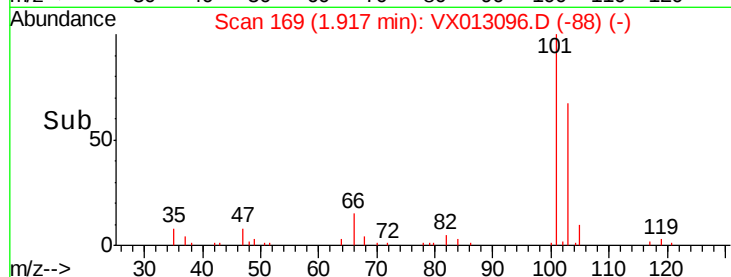
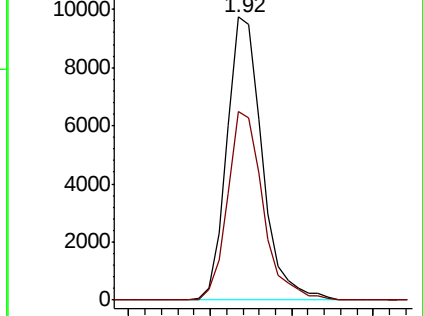
101 100

103 66.7 50.9 76.3

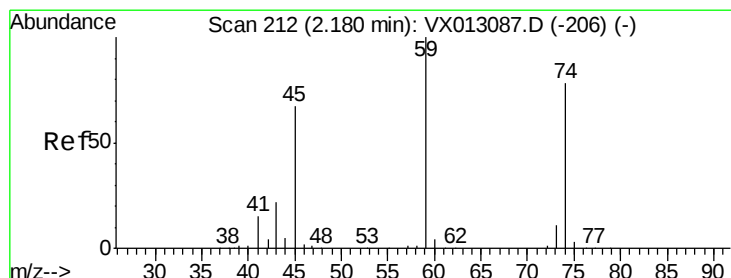


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#8

Diethyl Ether

Concen: 4.966 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX013096.D

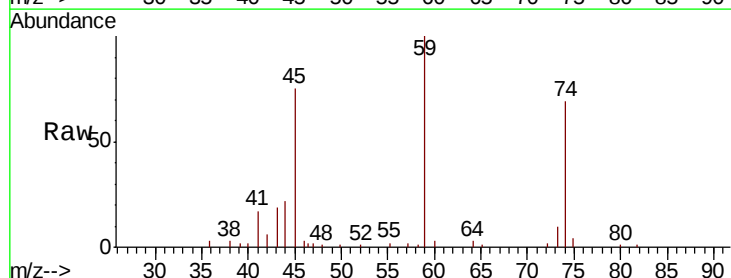
Acq: 16 Oct 2019 15:12

Tgt Ion: 74 Resp: 5384

Ion Ratio Lower Upper

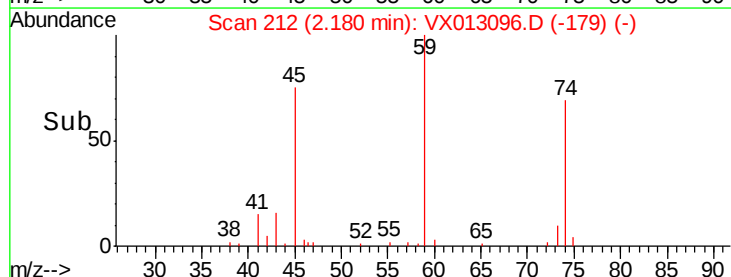
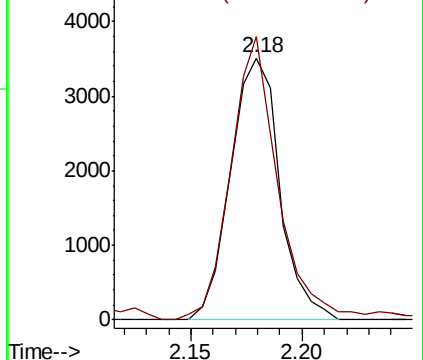
74 100

45 103.7 18.2 163.4

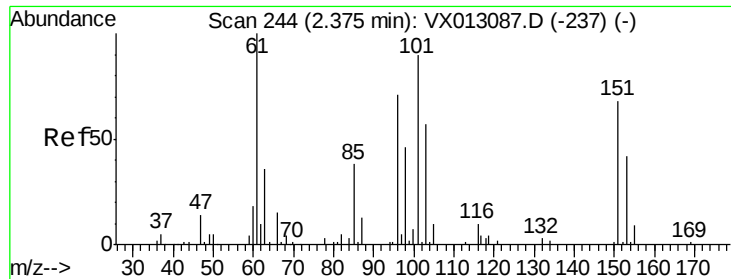


Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.934 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

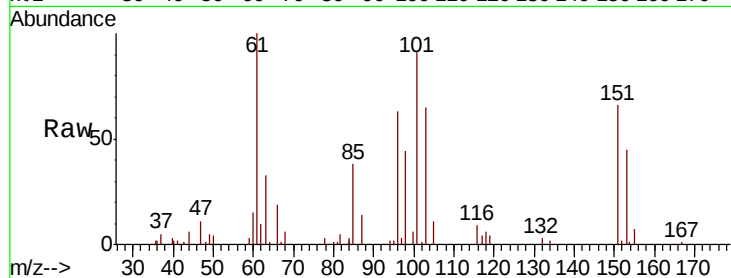
Tot Ion:101 Resp: 9163

Ion Ratio Lower Upper

101 100

85 44.2 0.0 85.2

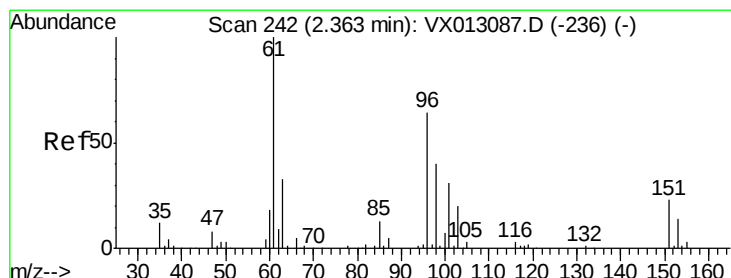
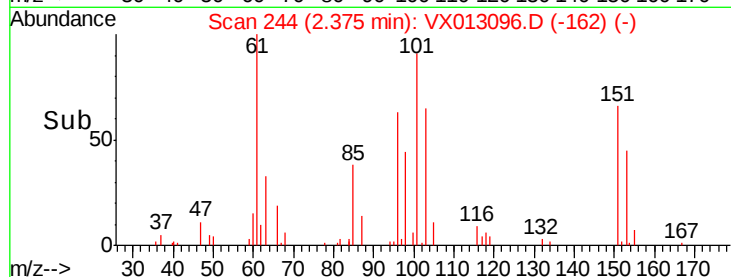
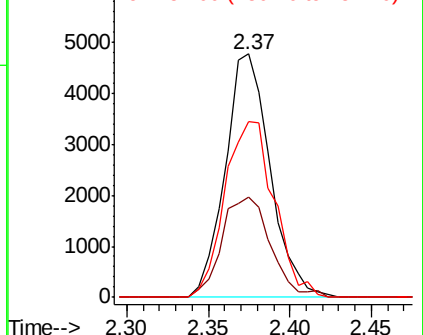
151 79.4 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.102 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

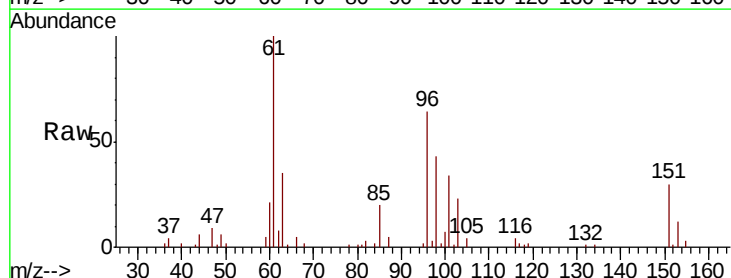
Tgt Ion: 96 Resp: 9321

Ion Ratio Lower Upper

96 100

61 156.3 124.2 186.2

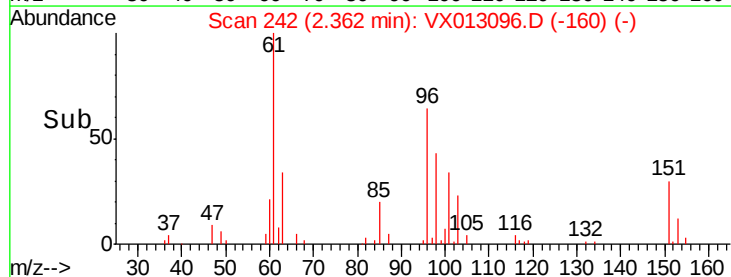
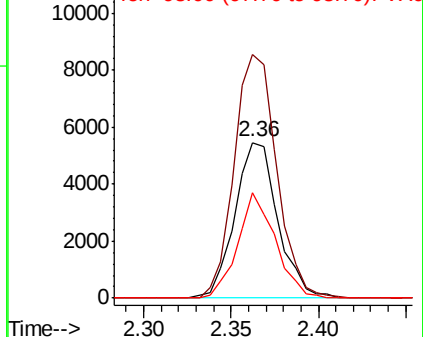
98 68.0 50.2 75.2

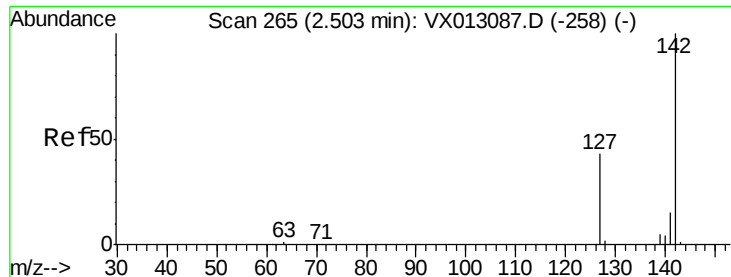


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

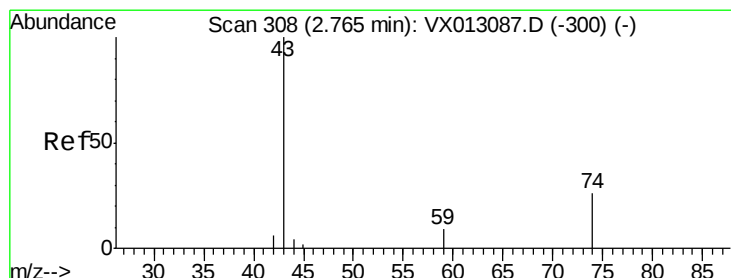
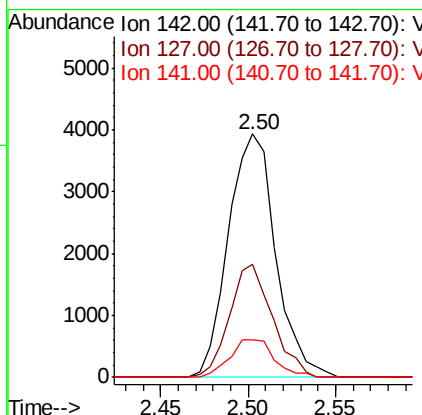
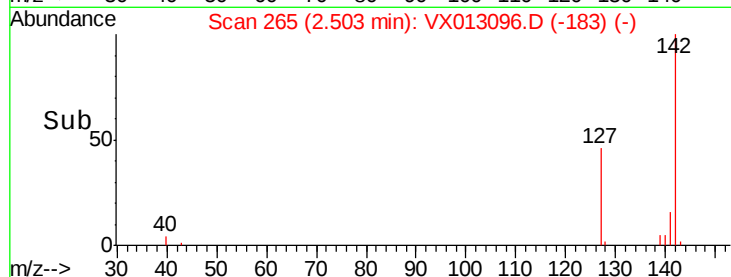
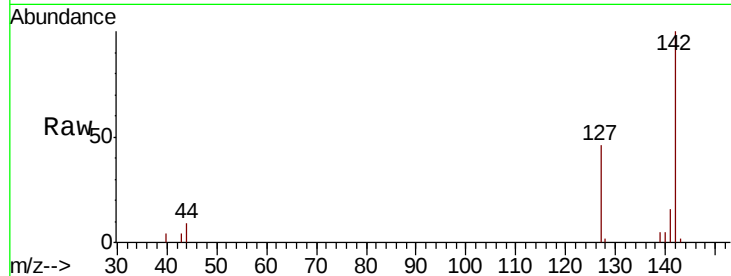




#11
Methvl Iodide
Concen: 3.306 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

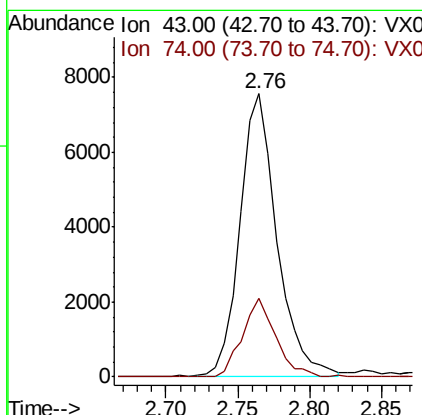
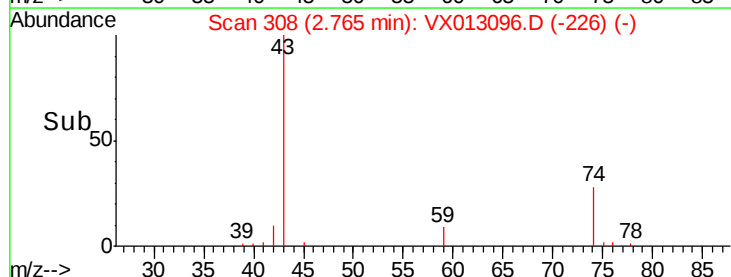
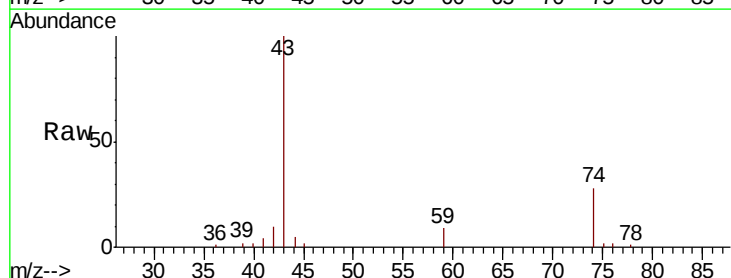
Instrument :
MSVOA_X
ClientSampleId :

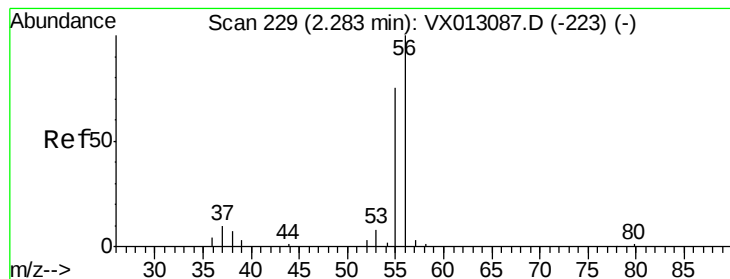
Tot Ion:142 Resp: 7388
Ion Ratio Lower Upper
142 100
127 46.4 21.4 64.2
141 15.7 7.3 21.9



#12
Methyl Acetate
Concen: 5.286 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 43 Resp: 13505
Ion Ratio Lower Upper
43 100
74 27.7 20.9 31.3





#13

Acrolein

Concen: 22.307 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

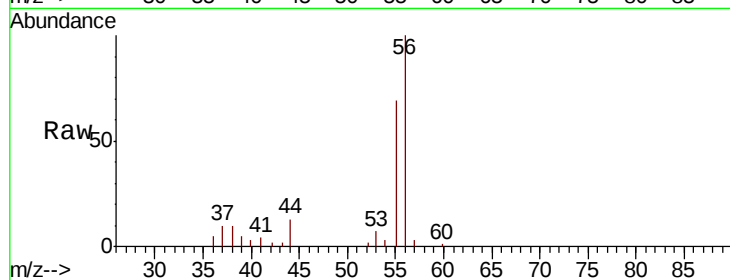
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 8201

Ion Ratio Lower Upper

56 100

55 65.0 57.8 86.8

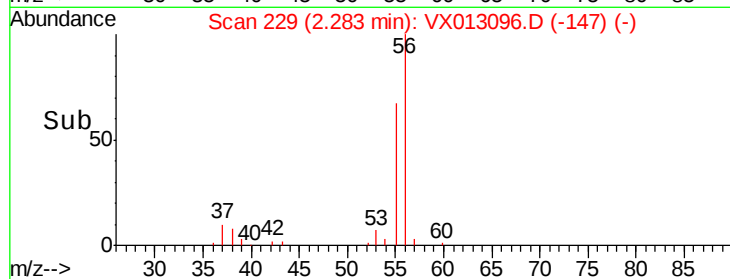


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

Time-->



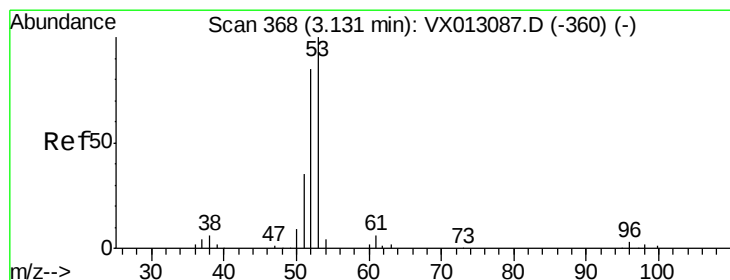
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

Time-->



#14

Acrylonitrile

Concen: 24.798 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

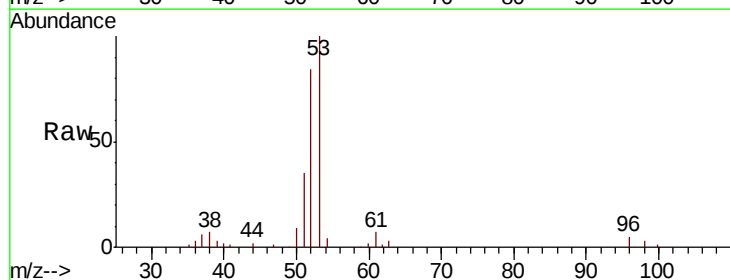
Tgt Ion: 53 Resp: 26445

Ion Ratio Lower Upper

53 100

52 83.7 41.4 124.2

51 36.9 18.1 54.4



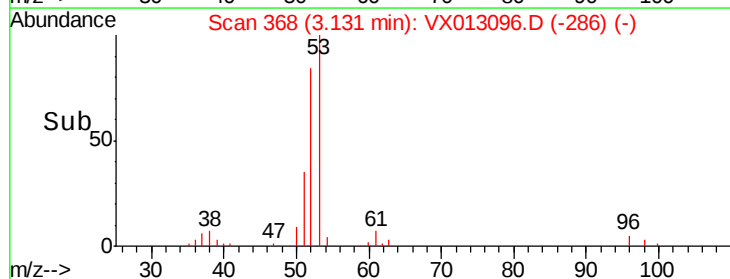
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.13

Time-->



Abundance

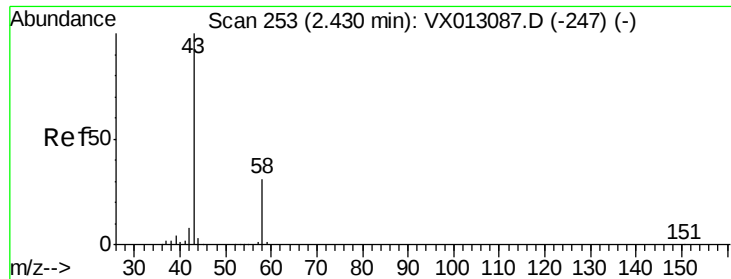
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.13

Time-->



#15

Acetone

Concen: 22.056 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

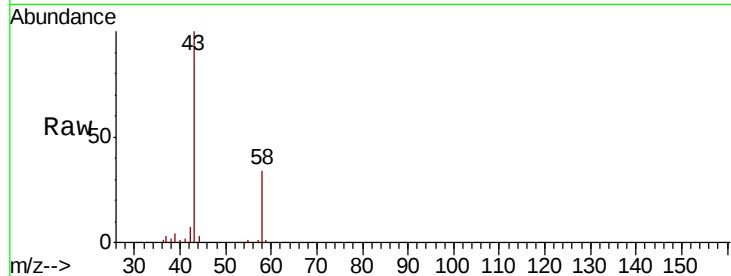
ClientSampleId :

Tot Ion: 58 Resp: 8327

Ion Ratio Lower Upper

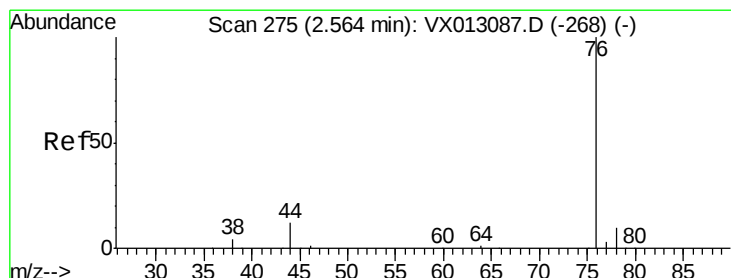
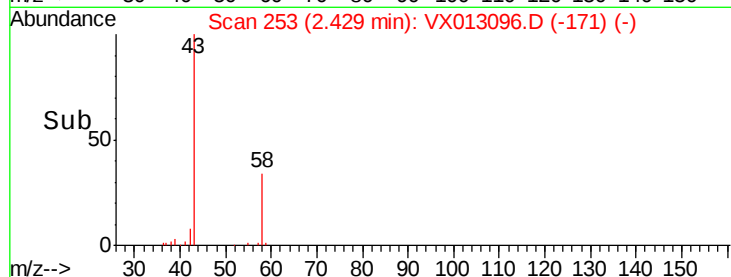
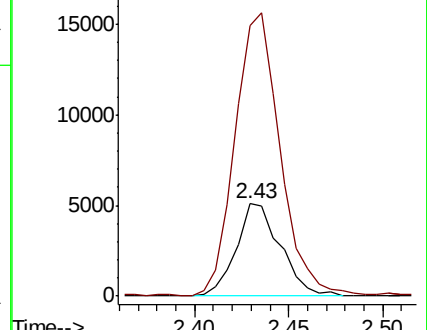
58 100

43 293.5 259.5 389.3



Abundance Ion 58.00 (57.70 to 58.70): VX013087.D (-247) (-)

Ion 43.00 (42.70 to 43.70): VX013087.D (-247) (-)



#16

Carbon Disulfide

Concen: 4.899 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013096.D

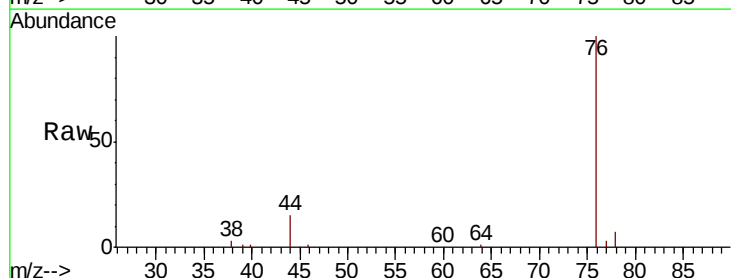
Acq: 16 Oct 2019 15:12

Tgt Ion: 76 Resp: 24207

Ion Ratio Lower Upper

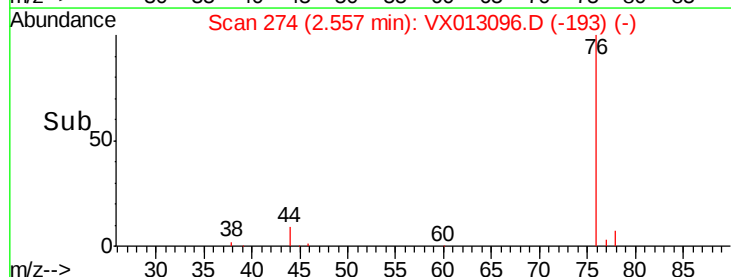
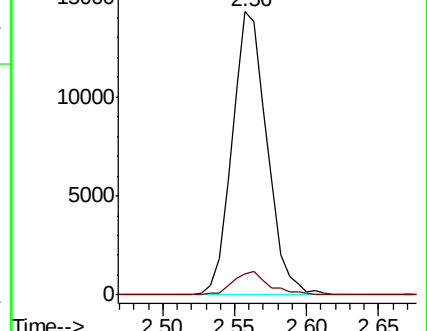
76 100

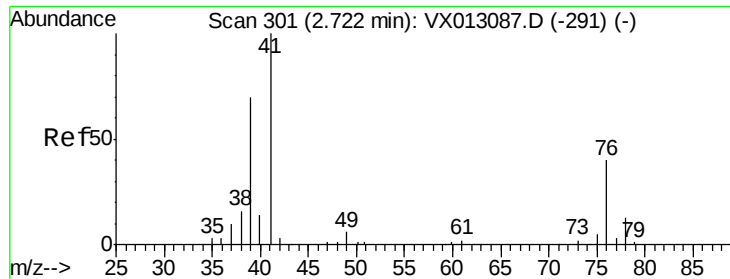
78 7.3 7.8 11.6#



Abundance Ion 76.00 (75.70 to 76.70): VX013087.D (-268) (-)

Ion 78.00 (77.70 to 78.70): VX013087.D (-268) (-)

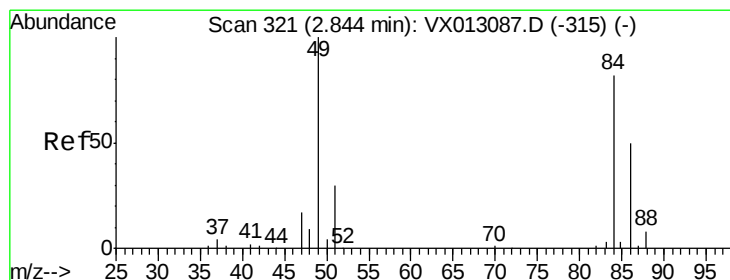
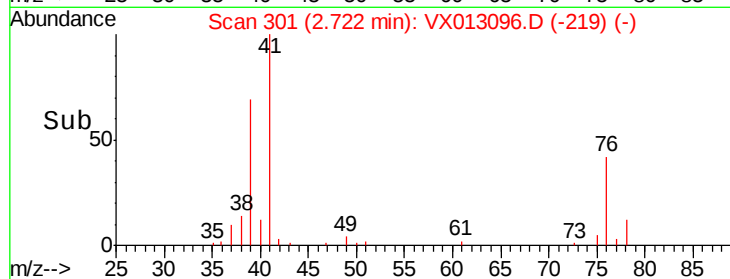
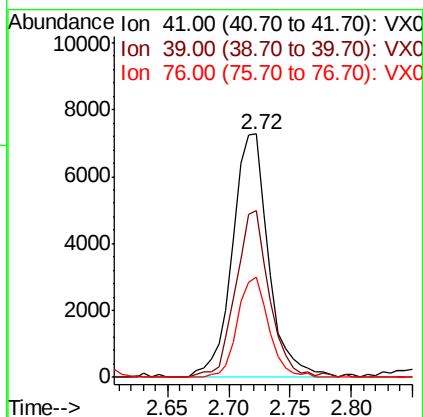
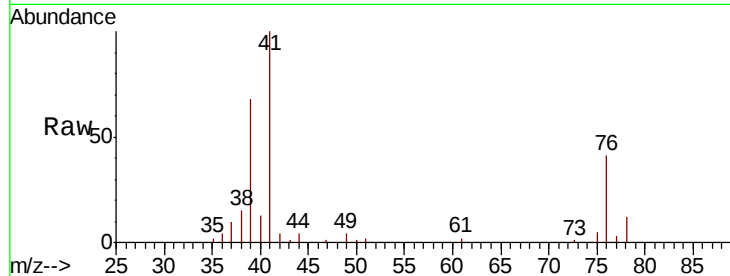




#17
Allvl chloride
Concen: 4.811 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

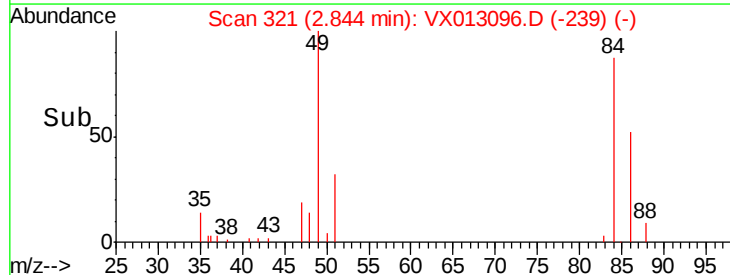
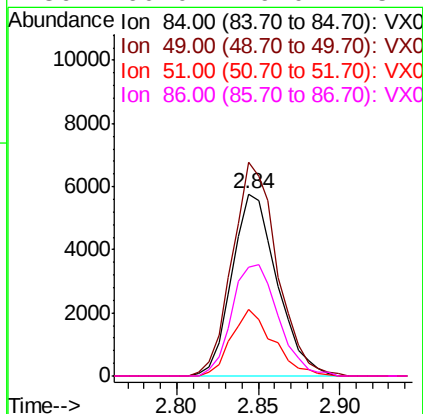
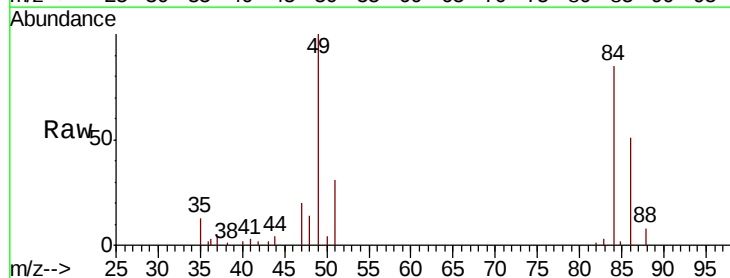
Instrument :
MSVOA_X
ClientSampled :

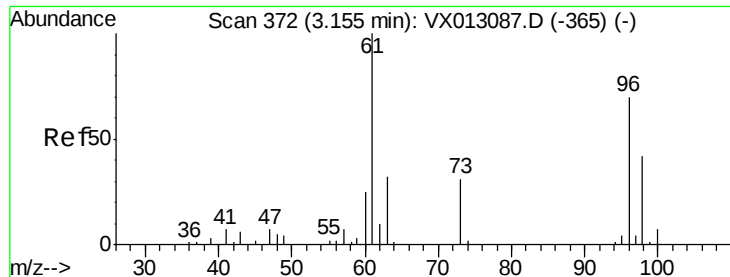
Tot Ion: 41 Resp: 14917
Ion Ratio Lower Upper
41 100
39 68.4 34.8 104.5
76 41.3 20.2 60.5



#18
Methylene Chloride
Concen: 5.331 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 84 Resp: 11080
Ion Ratio Lower Upper
84 100
49 117.5 97.8 146.6
51 36.6 29.2 43.8
86 60.0 49.0 73.4

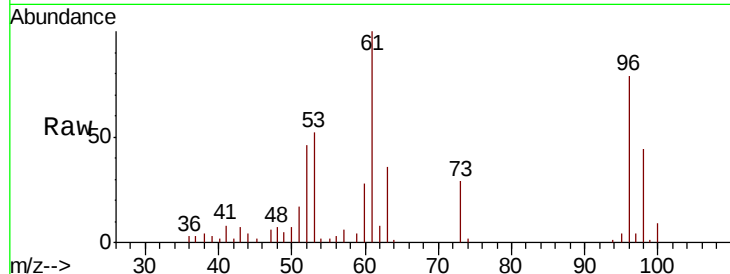




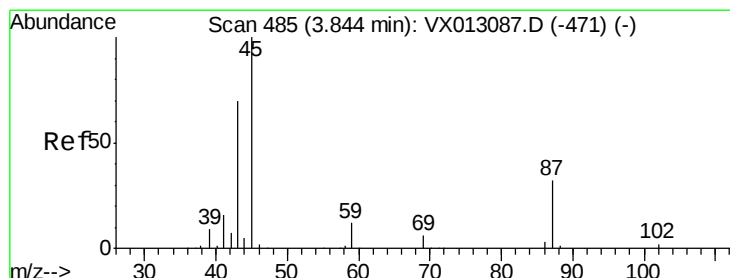
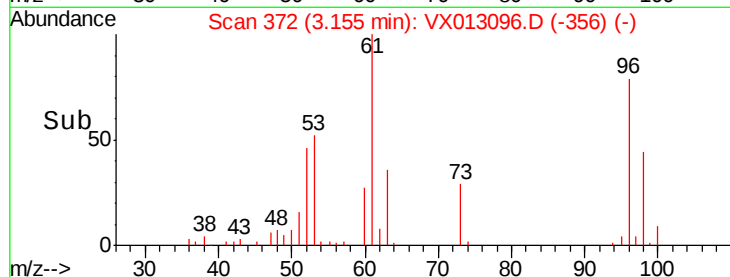
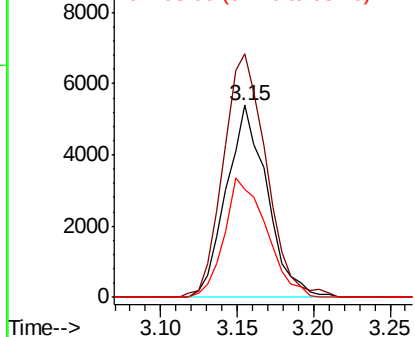
#19
trans-1,2-Dichloroethene
Concen: 5.119 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 10015
Ion Ratio Lower Upper
96 100
61 126.7 113.9 170.9
98 56.2 48.1 72.1

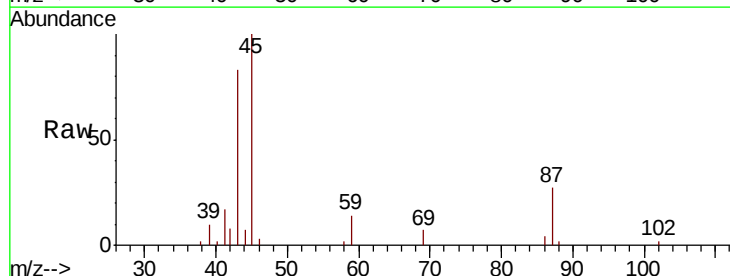


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

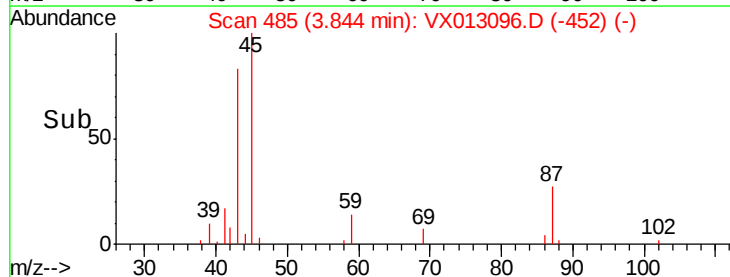
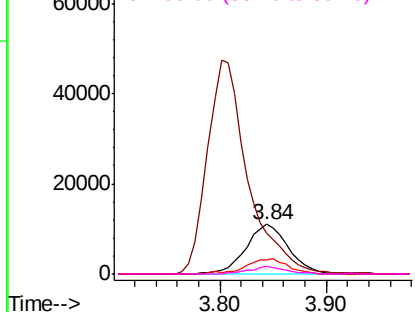


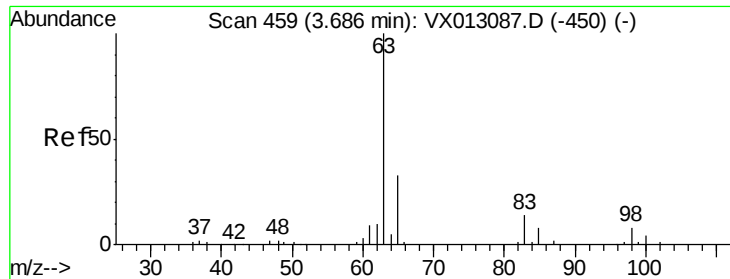
#20
Diisopropyl ether
Concen: 5.173 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 45 Resp: 30770
Ion Ratio Lower Upper
45 100
43 79.5 57.5 86.3
87 27.4 25.3 37.9
59 14.3 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

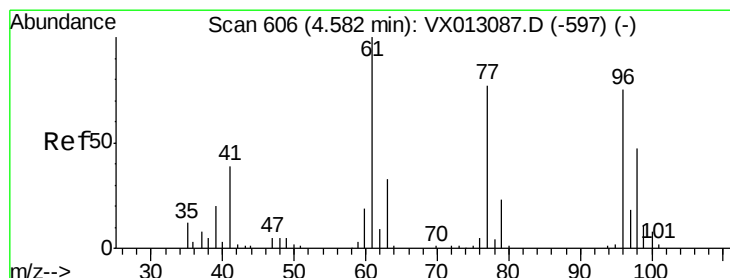
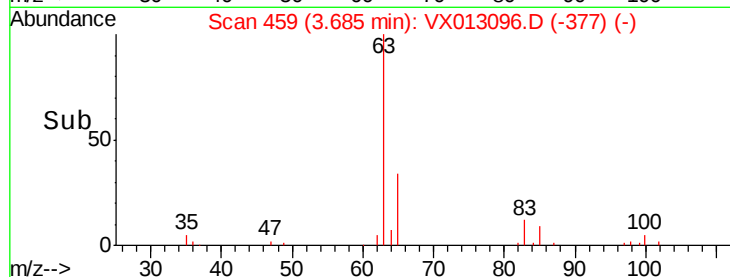
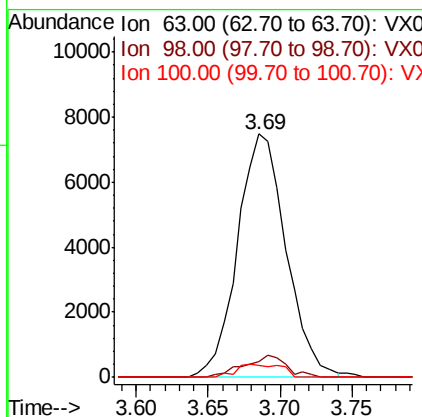
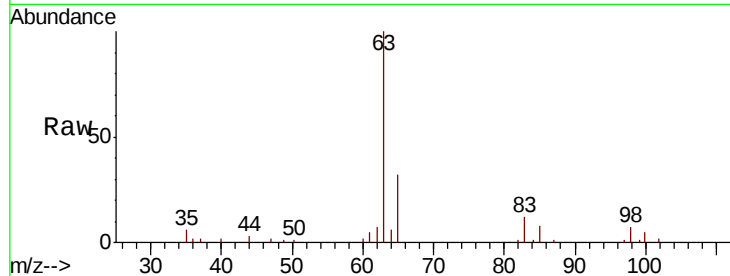




#21
 1,1-Dichloroethane
 Concen: 5.099 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

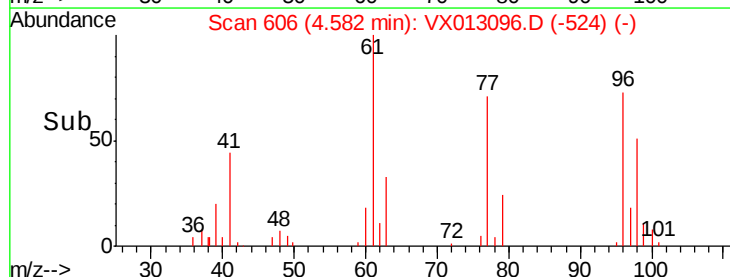
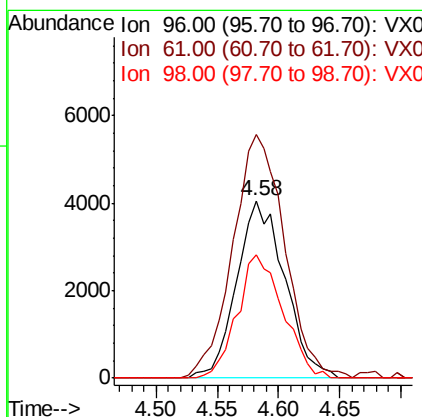
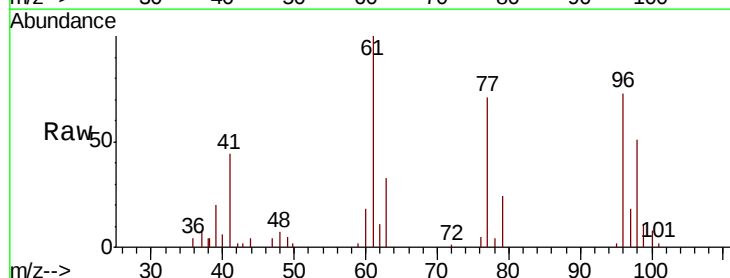
Instrument :
 MSVOA_X
 ClientSampleId :

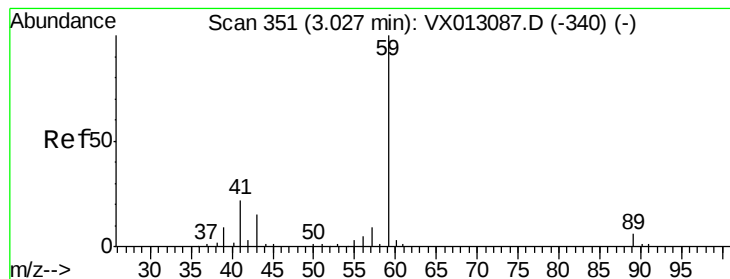
Tot Ion: 63 Resp: 17491
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 5.0 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 4.921 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 96 Resp: 11064
 Ion Ratio Lower Upper
 96 100
 61 148.2 115.0 172.4
 98 66.1 51.5 77.3





#23

tert-Butyl Alcohol

Concen: 31.435 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

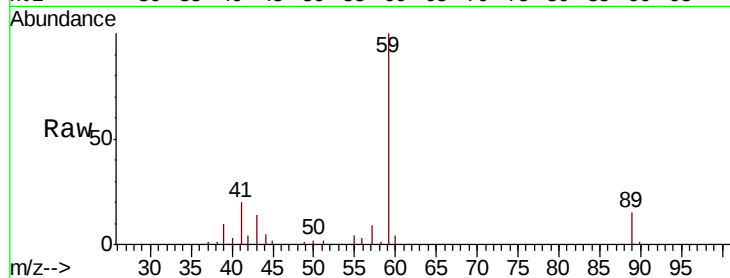
ClientSampleId :

Tot Ion: 59 Resp: 16937

Ion Ratio Lower Upper

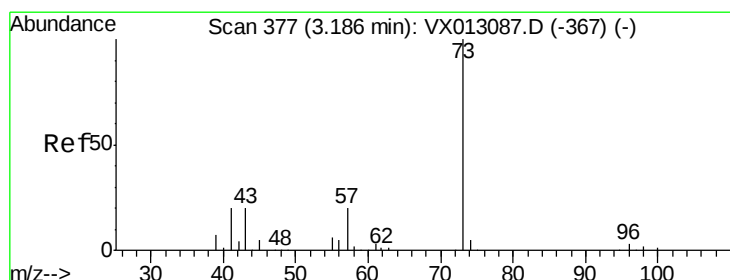
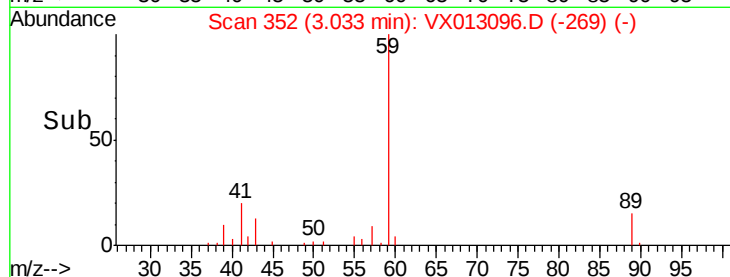
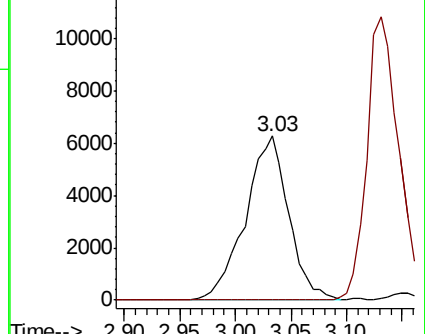
59 100

52 0.0 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 4.976 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX013096.D

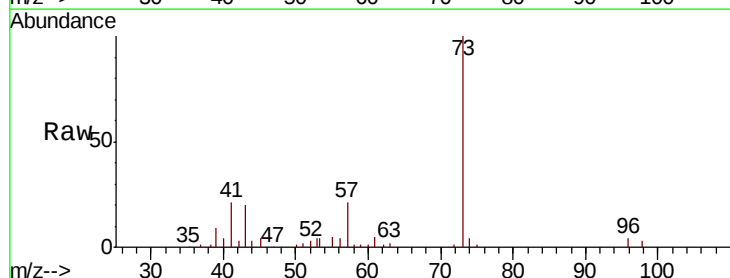
Acq: 16 Oct 2019 15:12

Tgt Ion: 73 Resp: 30986

Ion Ratio Lower Upper

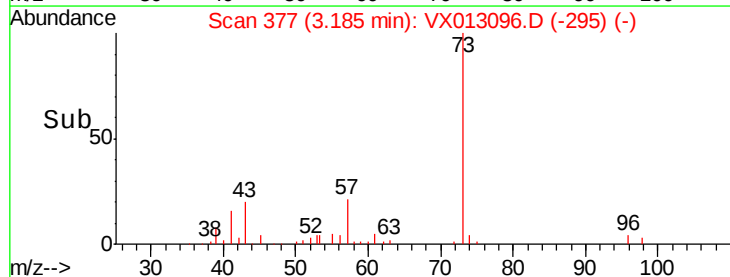
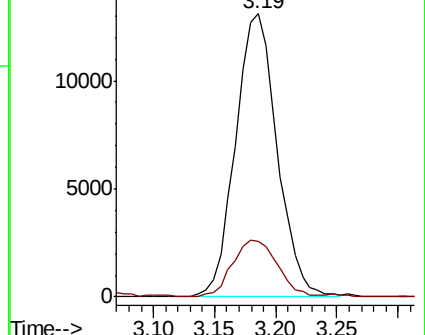
73 100

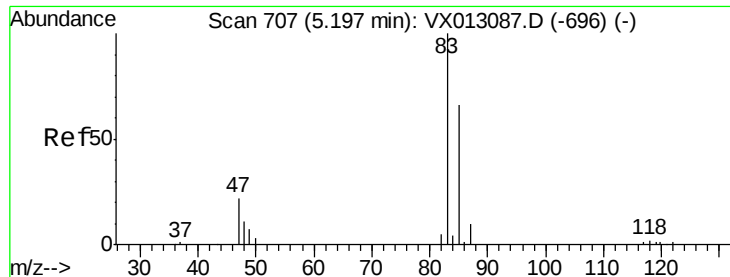
43 21.6 15.8 23.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

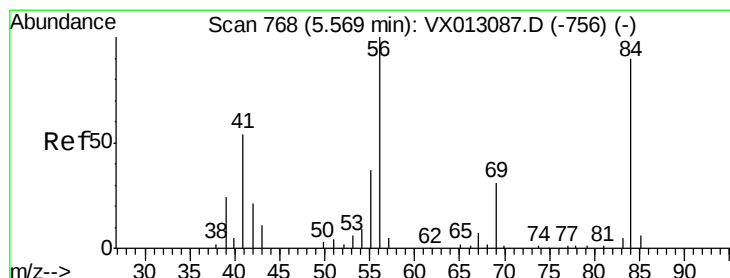
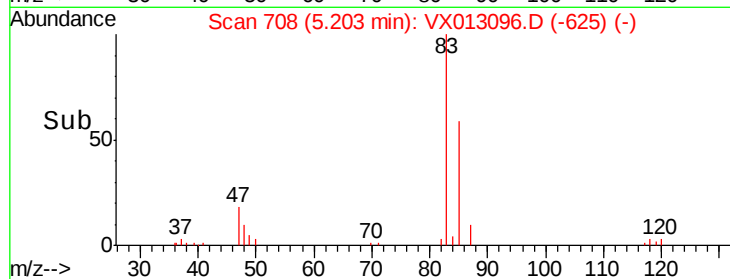
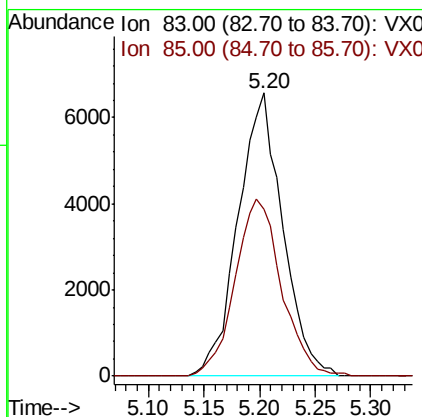
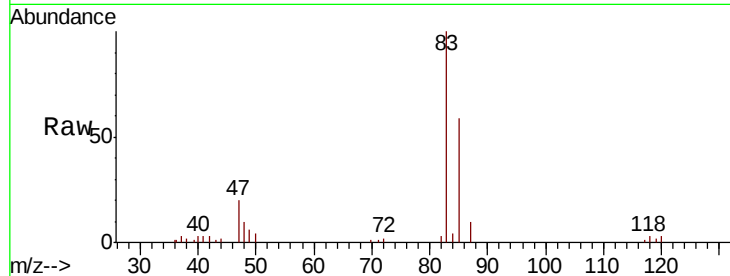




#25
Chloroform
Concen: 5.174 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

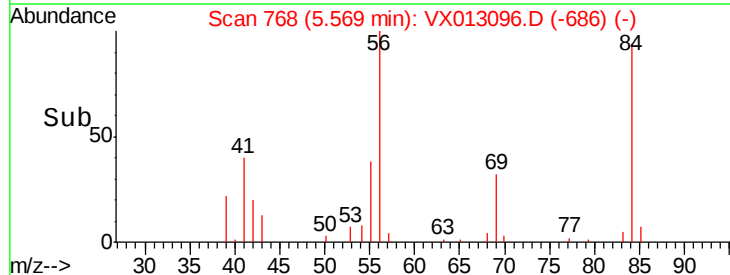
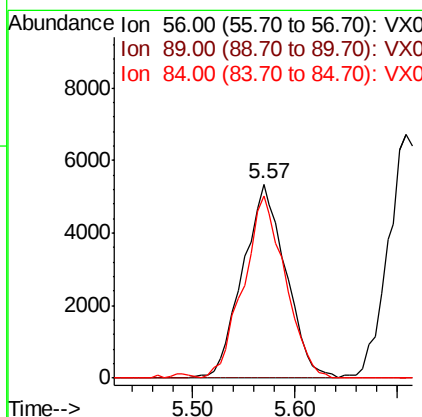
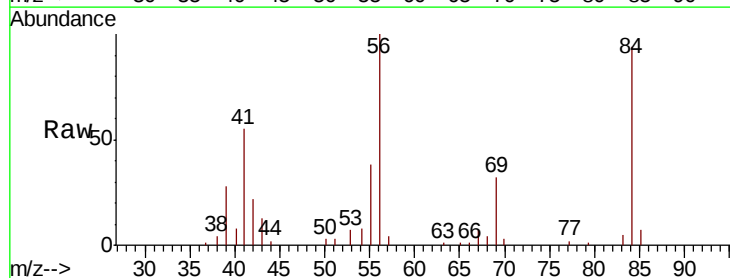
Instrument :
MSVOA_X
ClientSampleId :

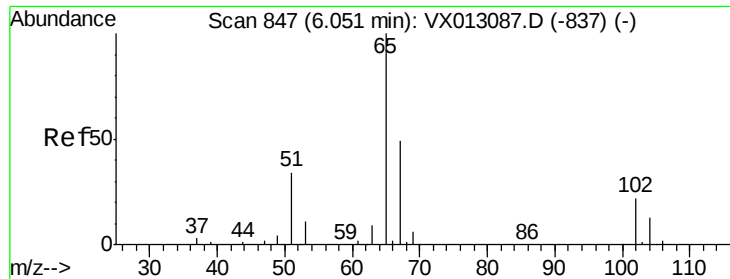
Tot Ion: 83 Resp: 18352
Ion Ratio Lower Upper
83 100
85 58.9 53.0 79.6



#26
Cyclohexane
Concen: 5.042 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 56 Resp: 15718
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.0 71.3 106.9

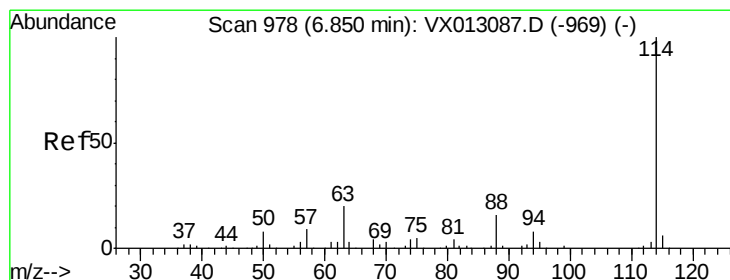
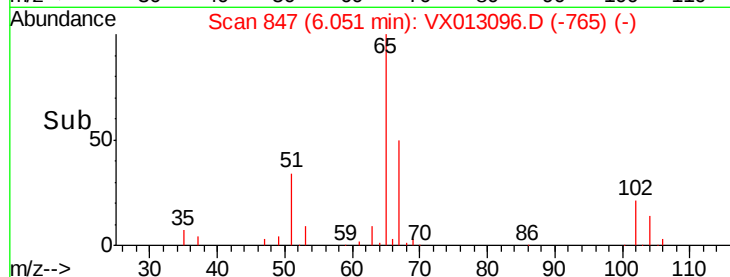
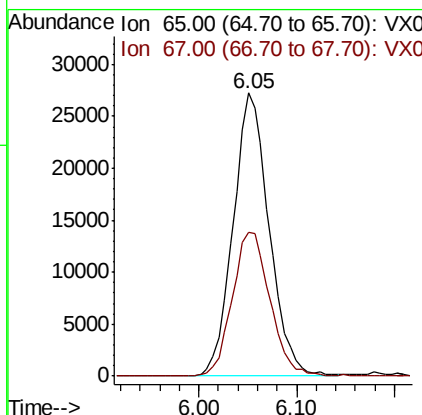
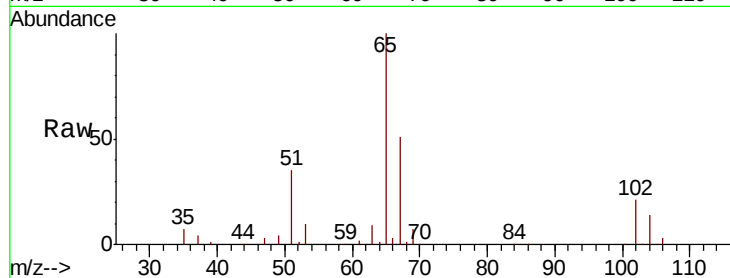




#27
 1,2-Dichloroethane-d4
 Concen: 29.824 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

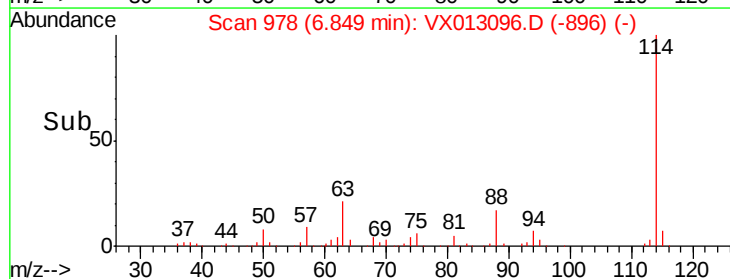
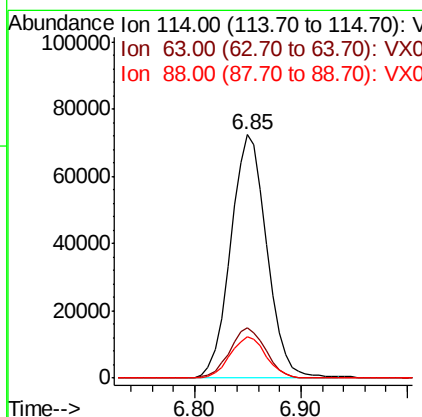
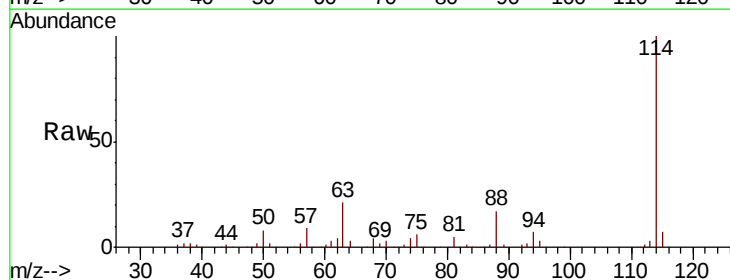
Instrument :
 MSVOA_X
 ClientSampleId :

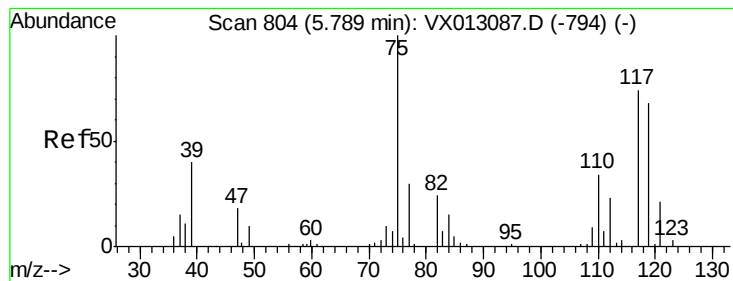
Tot Ion: 65 Resp: 69470
 Ion Ratio Lower Upper
 65 100
 67 53.1 41.2 61.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 114 Resp: 172482
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.5 24.7
 88 16.9 13.6 20.4





#29

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

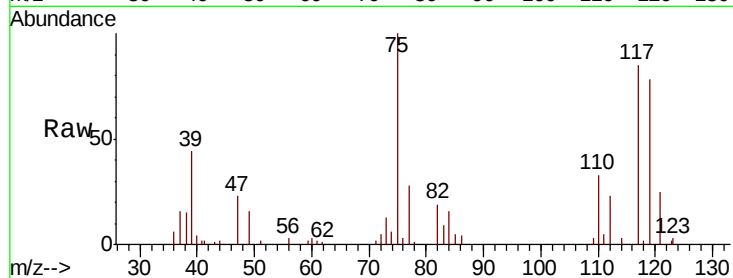
Tot Ion: 75 Resp: 13983

Ion Ratio Lower Upper

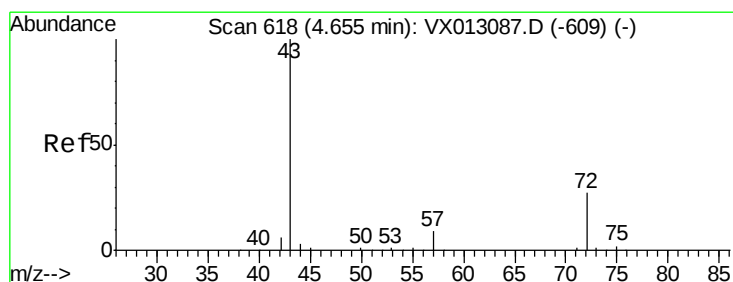
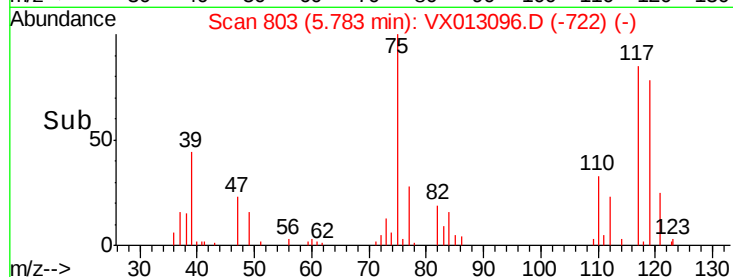
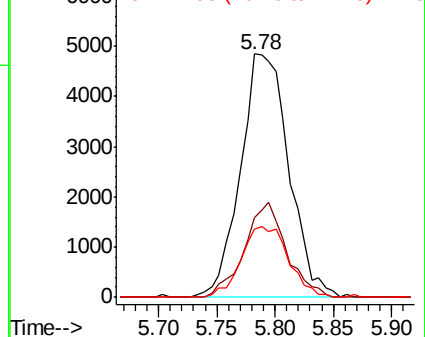
75 100

110 34.0 0.0 72.2

77 28.5 0.0 62.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 24.750 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

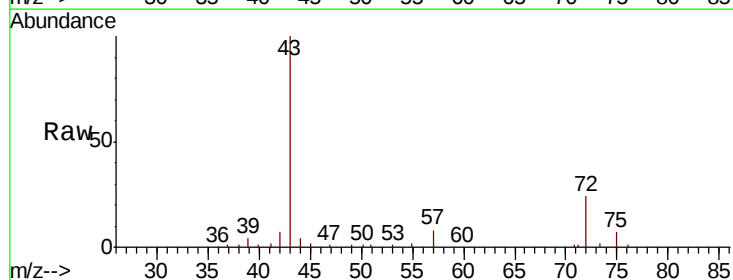
Tgt Ion: 43 Resp: 38355

Ion Ratio Lower Upper

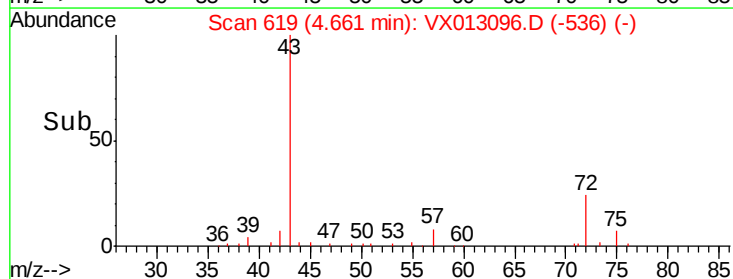
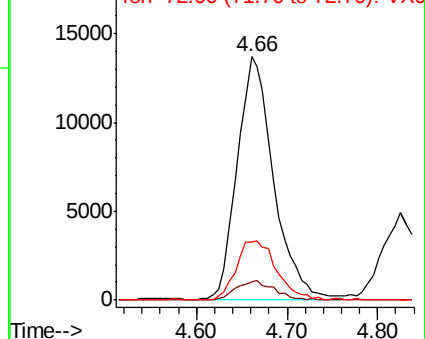
43 100

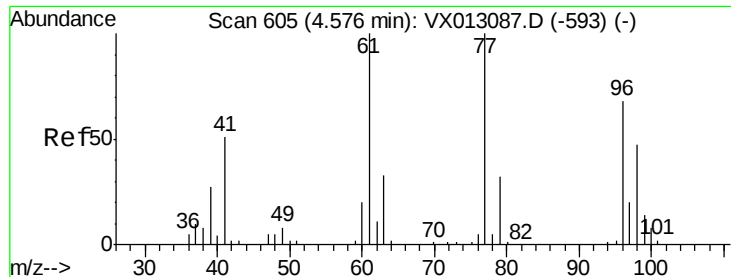
57 8.1 6.9 10.3

72 26.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

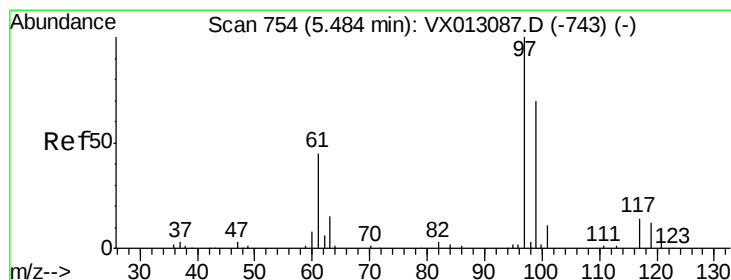
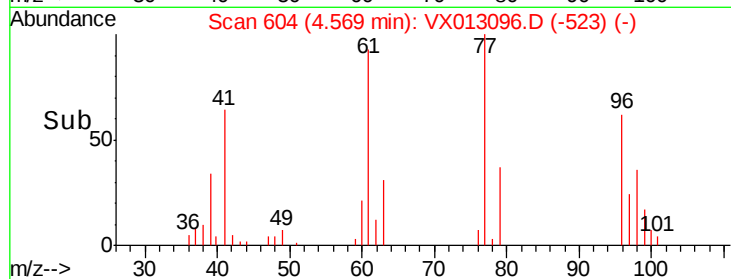
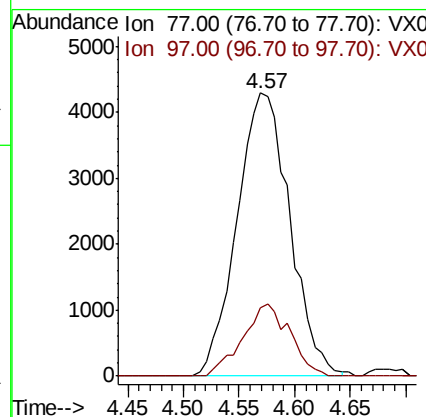
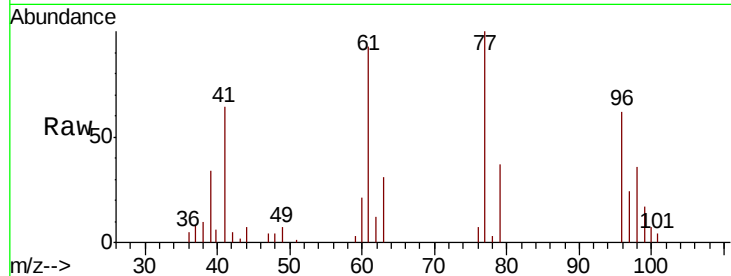




#31
 2,2-Dichloropropane
 Concen: 4.763 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

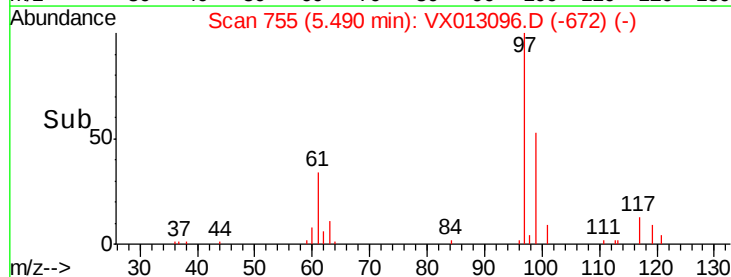
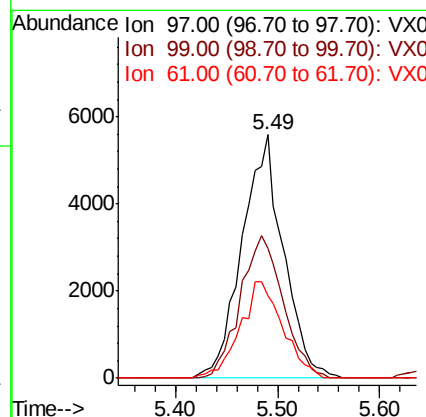
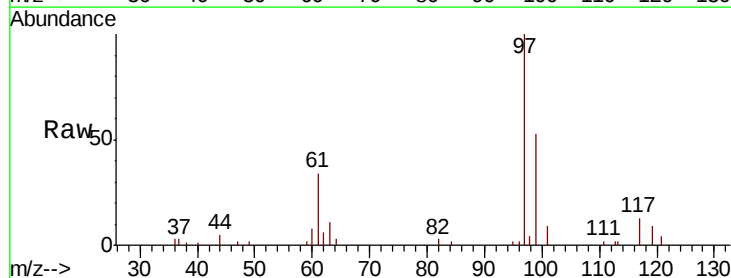
Instrument :
 MSVOA_X
 ClientSampleId :

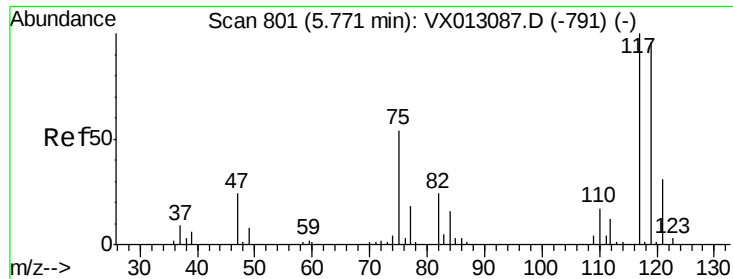
Tot Ion: 77 Resp: 14175
 Ion Ratio Lower Upper
 77 100
 97 22.7 17.8 26.6



#32
 1,1,1-Trichloroethane
 Concen: 5.114 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 97 Resp: 15740
 Ion Ratio Lower Upper
 97 100
 99 60.7 52.4 78.6
 61 40.8 35.1 52.7





#33

Carbon Tetrachloride

Concen: 4.722 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

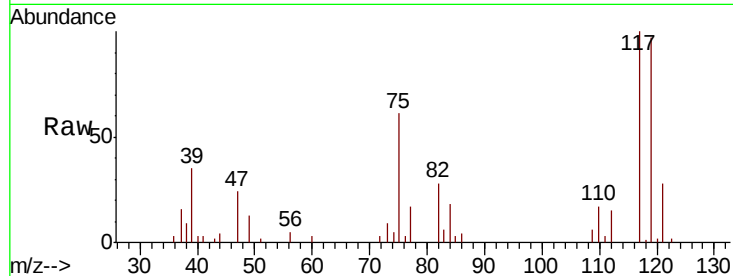
Tot Ion:117 Resp: 12468

Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.4

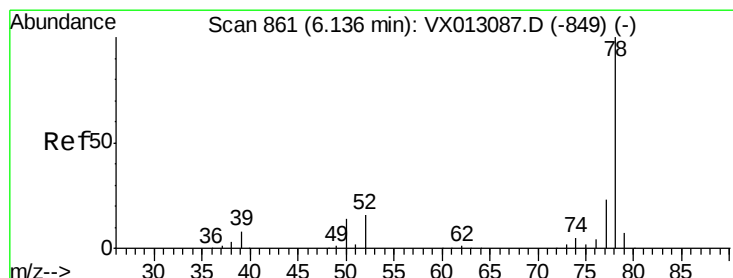
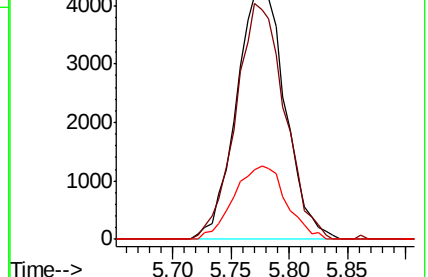
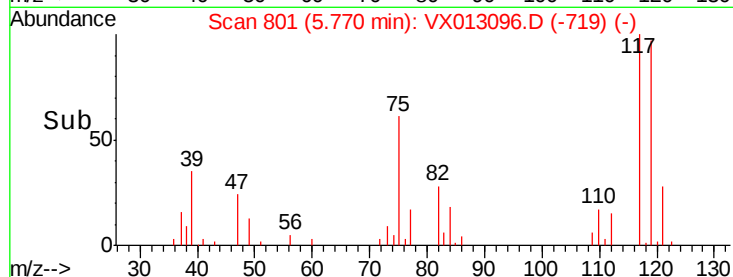
121 28.4 24.6 36.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 5.165 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

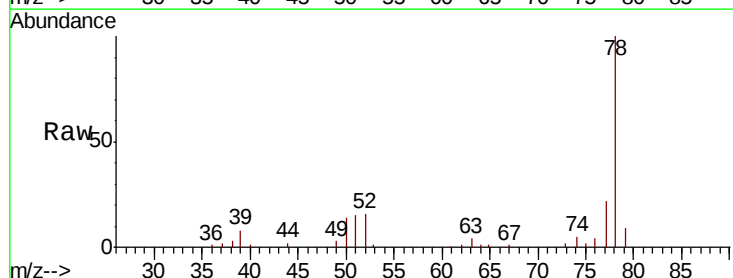
Tgt Ion: 78 Resp: 40345

Ion Ratio Lower Upper

78 100

77 22.0 18.5 27.7

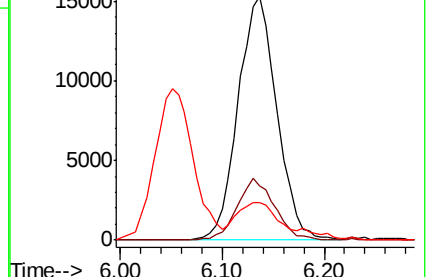
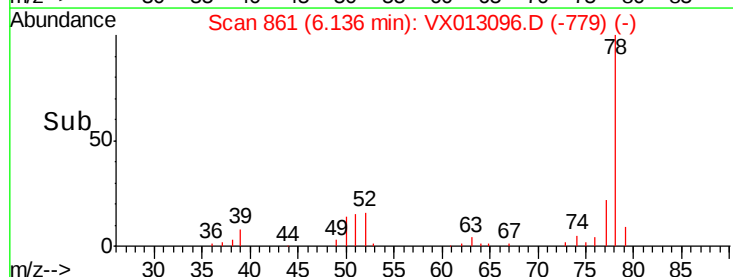
51 14.5 12.1 18.1

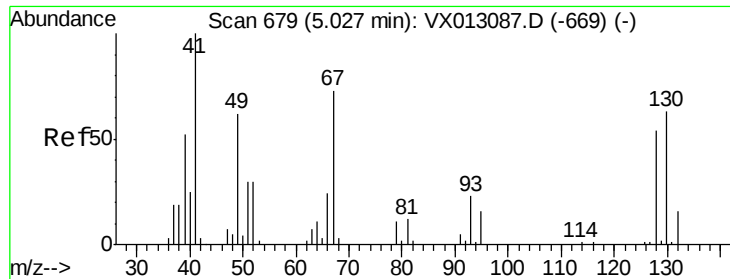


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

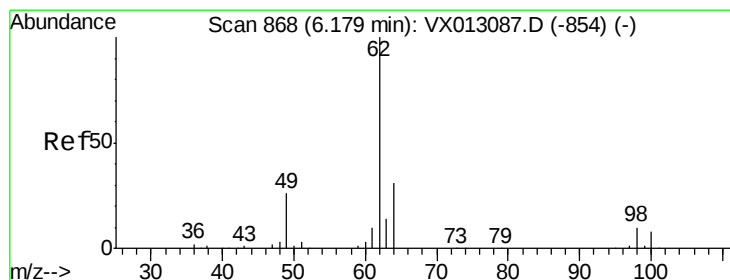
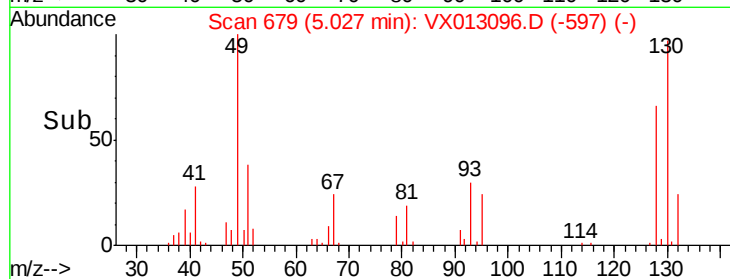
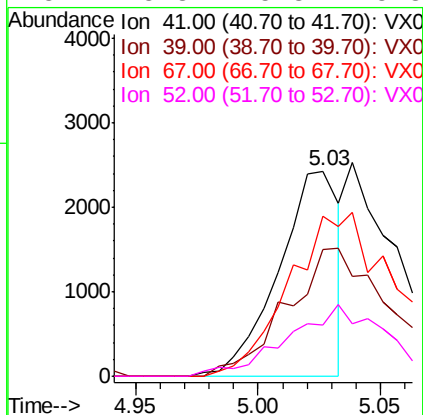
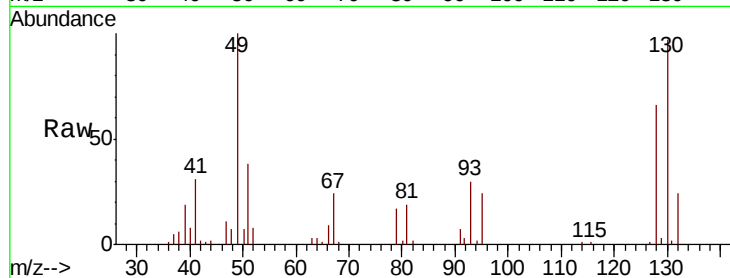




#35
Methacrylonitrile
Concen: 2.762 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

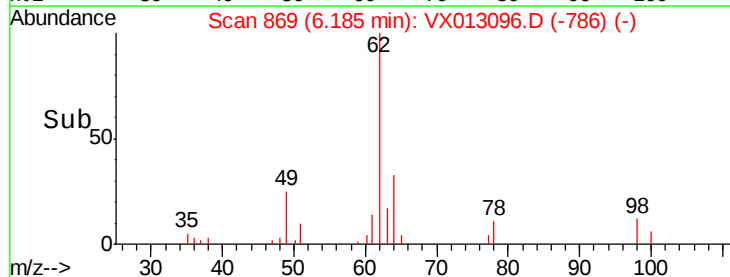
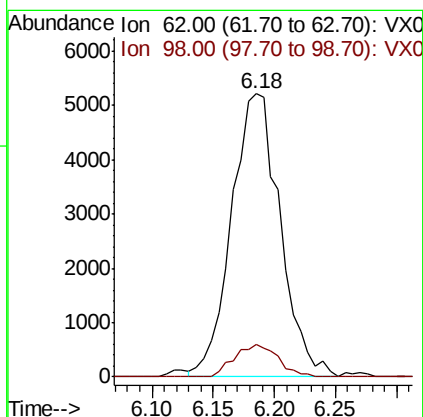
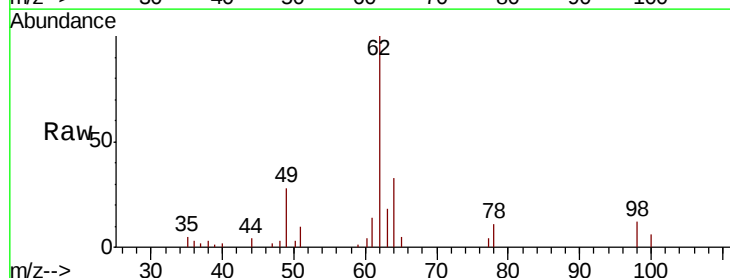
Instrument :
MSVOA_X
ClientSampleId :

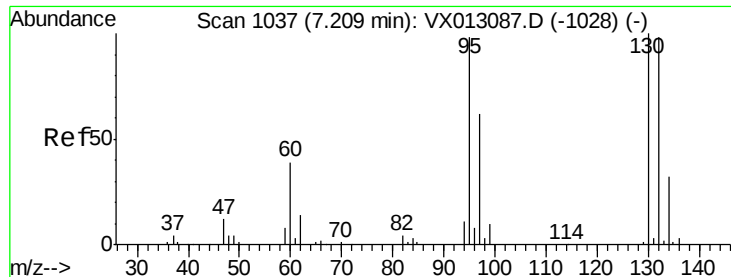
Tot Ion: 41 Resp: 4197
Ion Ratio Lower Upper
41 100
39 62.1 26.3 78.8
67 78.4 36.5 109.5
52 25.3 15.3 45.8



#36
1,2-Dichloroethane
Concen: 5.104 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 62 Resp: 14414
Ion Ratio Lower Upper
62 100
98 10.4 7.8 11.6

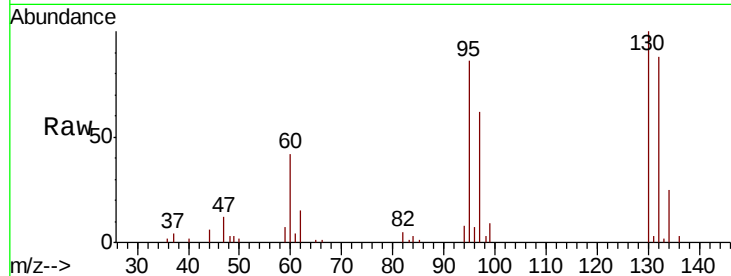




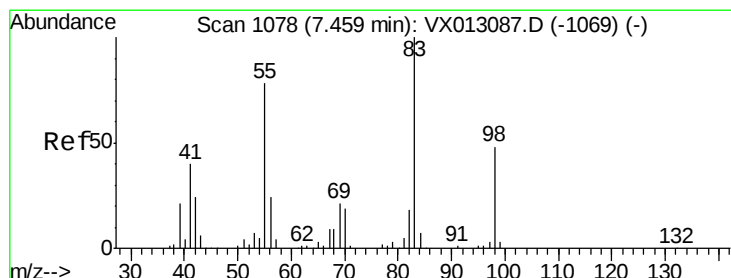
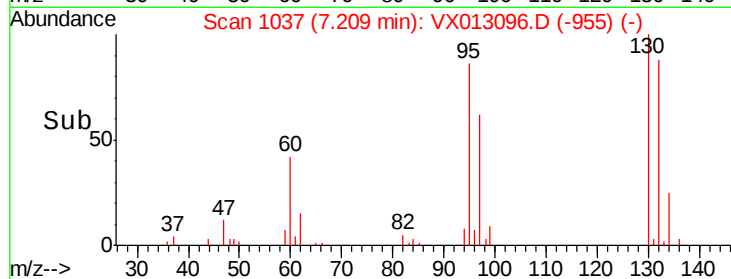
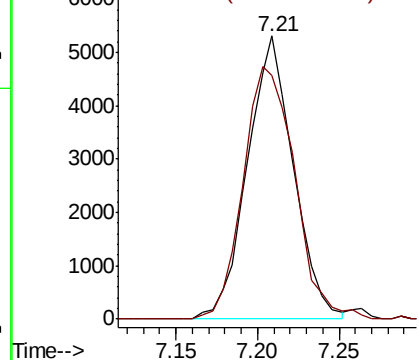
#37
 Trichloroethene
 Concen: 4.997 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 10427
 Ion Ratio Lower Upper
 130 100
 95 86.2 78.4 117.6

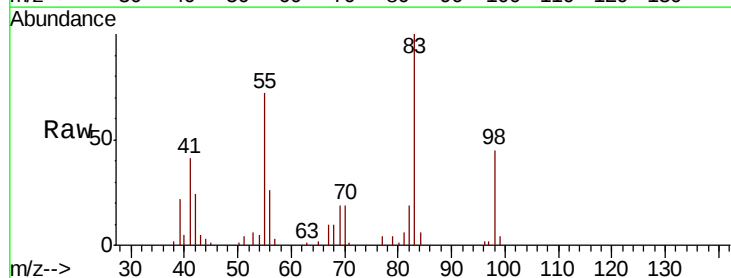


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

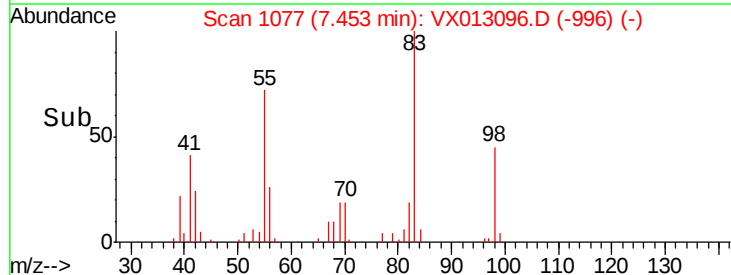
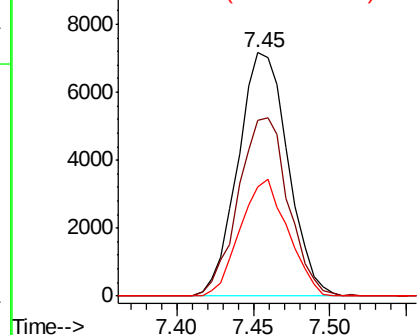


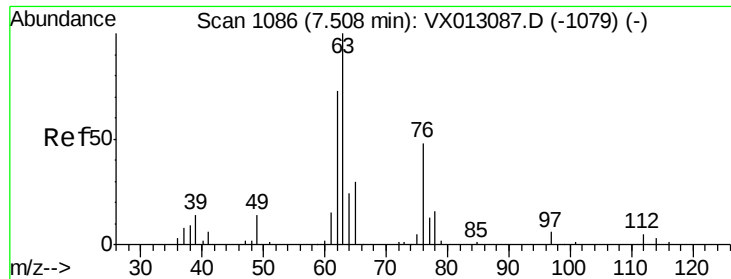
#38
 Methylcyclohexane
 Concen: 5.056 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 83 Resp: 16279
 Ion Ratio Lower Upper
 83 100
 55 73.3 38.3 114.8
 98 45.6 24.9 74.7



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

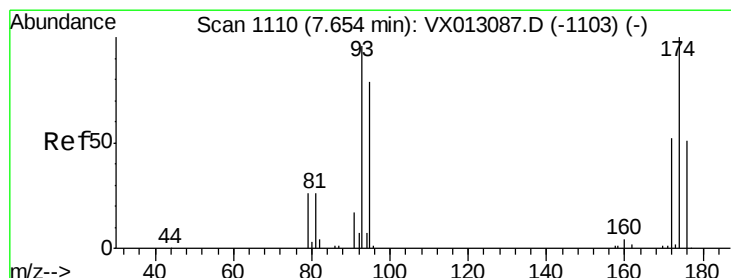
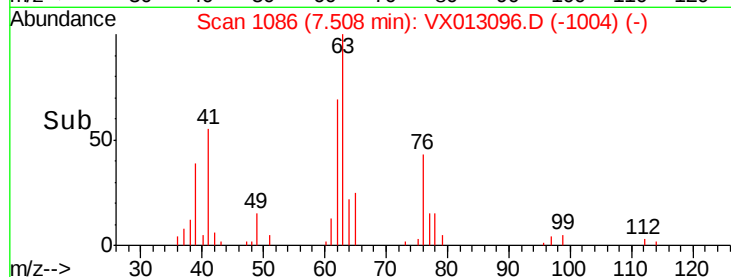
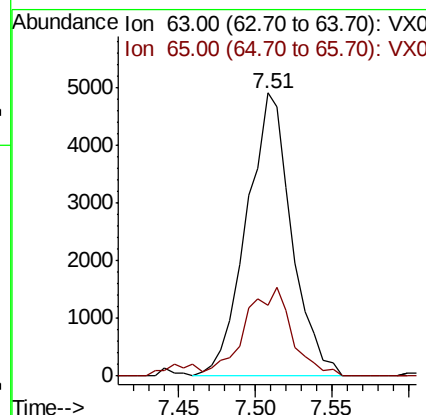
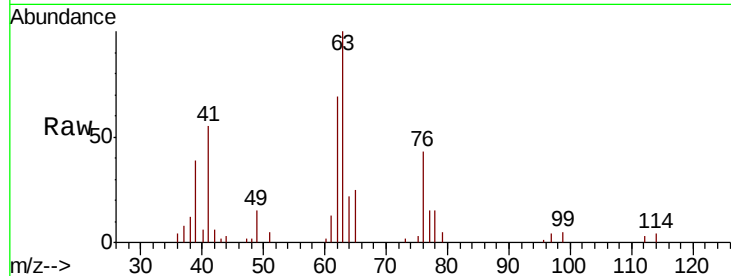




#39
 1,2-Dichloropropane
 Concen: 5.129 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

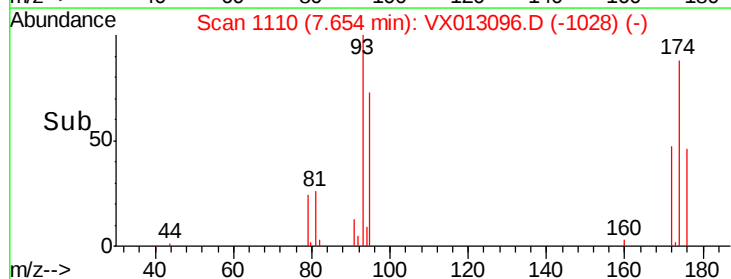
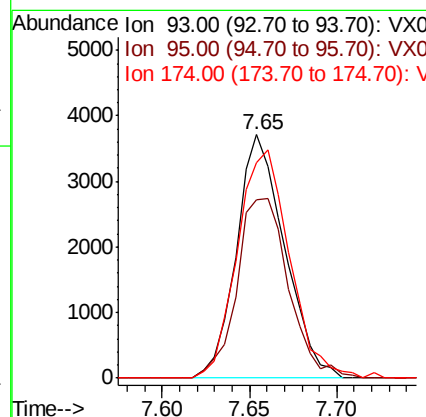
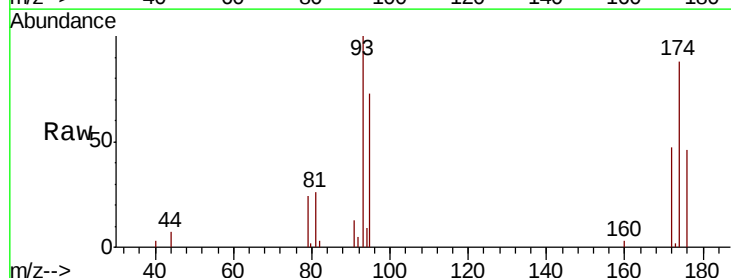
Instrument :
 MSVOA_X
 ClientSampled :

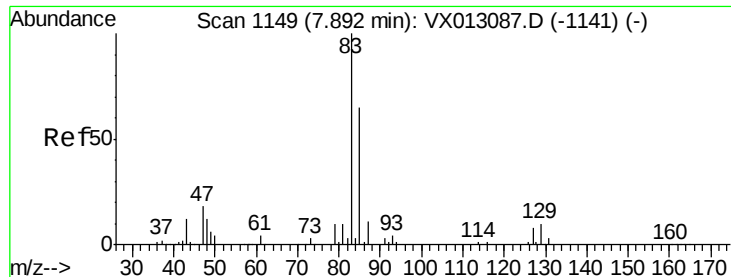
Tot Ion: 63 Resp: 10061
 Ion Ratio Lower Upper
 63 100
 65 25.2 25.6 38.4#



#40
 Dibromomethane
 Concen: 5.330 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 93 Resp: 7100
 Ion Ratio Lower Upper
 93 100
 95 79.5 0.0 171.2
 174 101.5 0.0 208.2





#41

Bromodichloromethane

Concen: 4.688 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

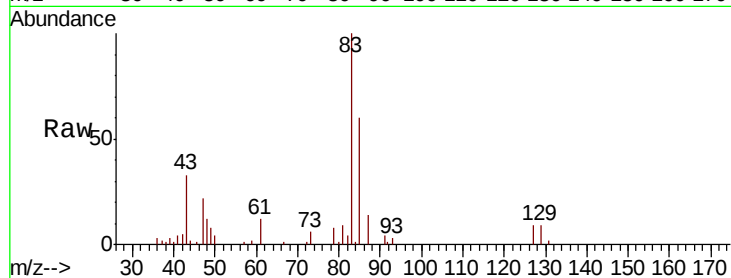
Tot Ion: 83 Resp: 12400

Ion Ratio Lower Upper

83 100

85 60.0 51.8 77.8

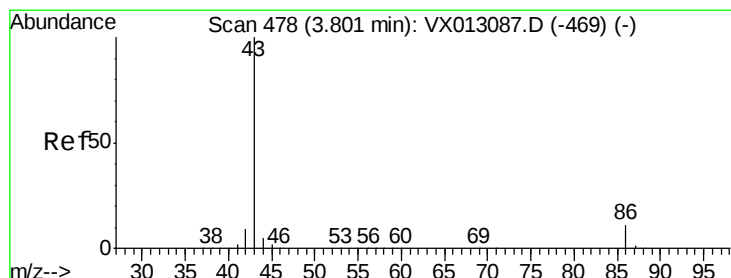
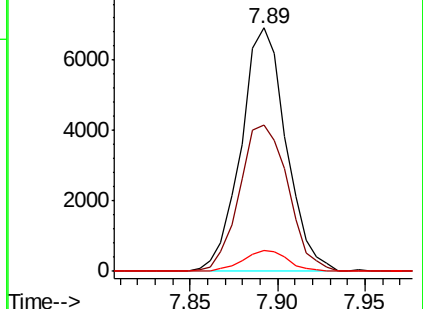
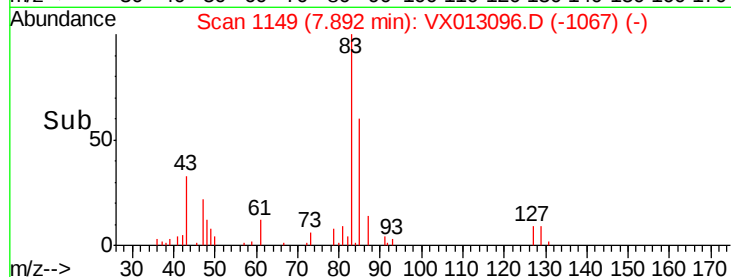
127 8.6 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 24.702 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013096.D

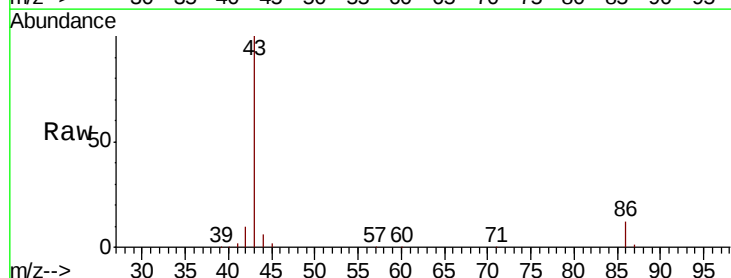
Acq: 16 Oct 2019 15:12

Tgt Ion: 43 Resp: 125359

Ion Ratio Lower Upper

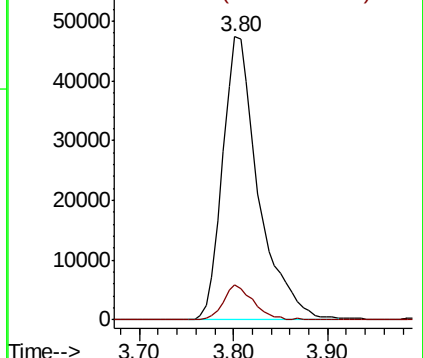
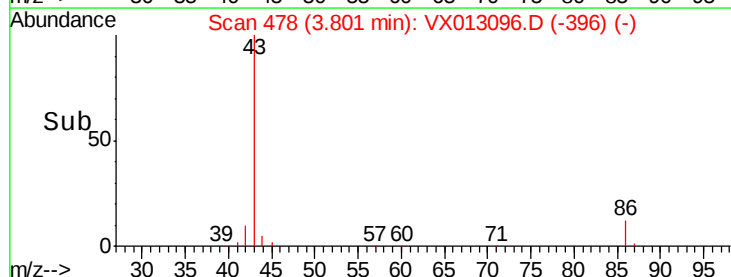
43 100

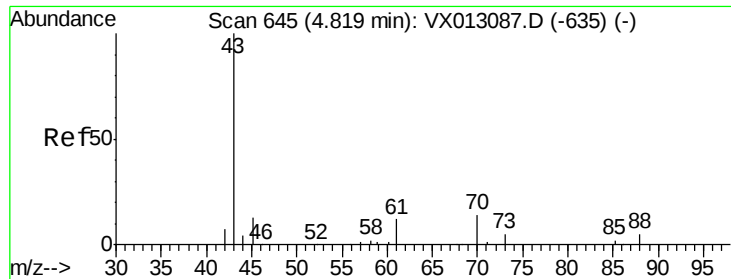
86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 4.767 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

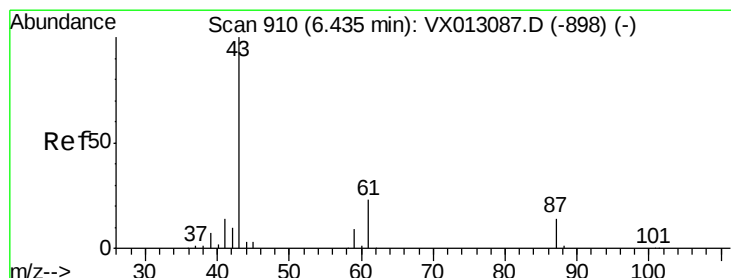
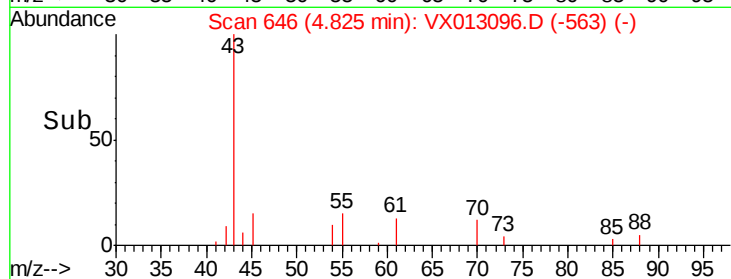
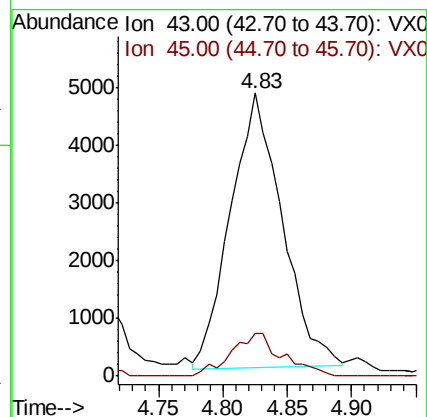
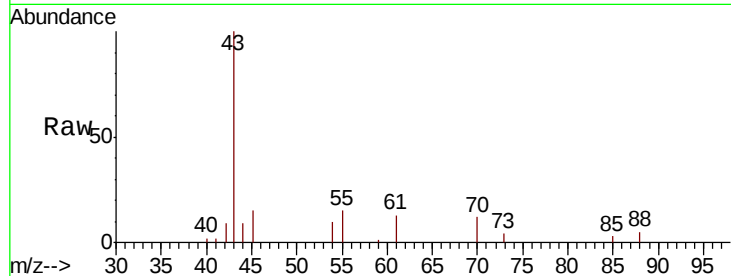
ClientSampled :

Tot Ion: 43 Resp: 13296

Ion Ratio Lower Upper

43 100

45 12.3 12.8 19.2#



#44

Isopropyl Acetate

Concen: 5.091 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013096.D

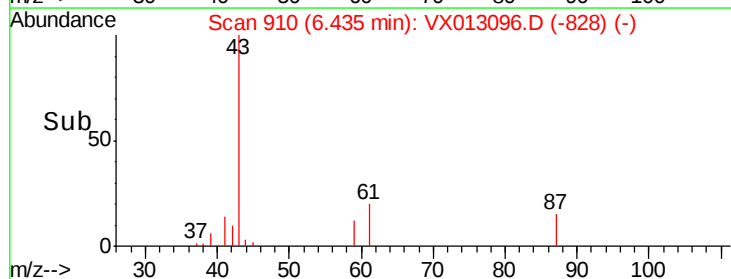
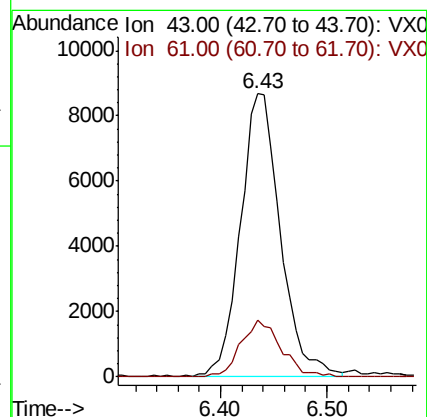
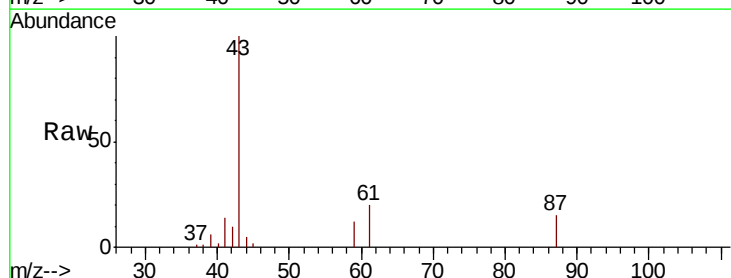
Acq: 16 Oct 2019 15:12

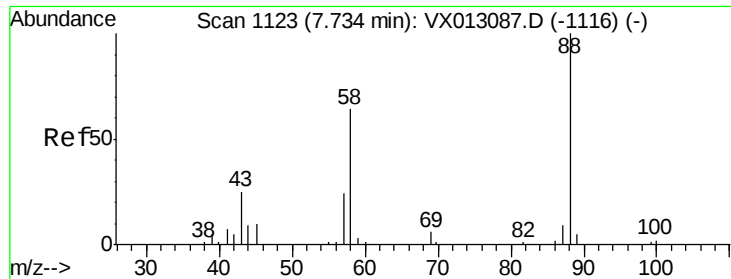
Tgt Ion: 43 Resp: 22897

Ion Ratio Lower Upper

43 100

61 19.5 16.7 25.1





#45

1,4-Dioxane

Concen: 101.747 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

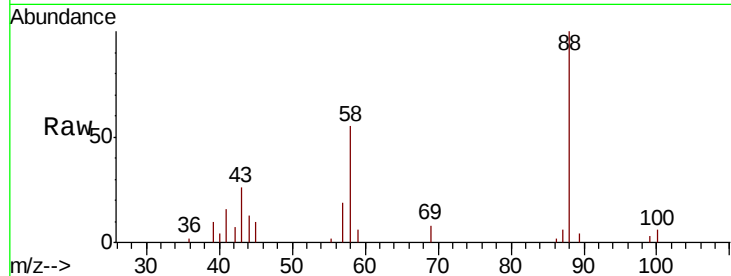
Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 5624

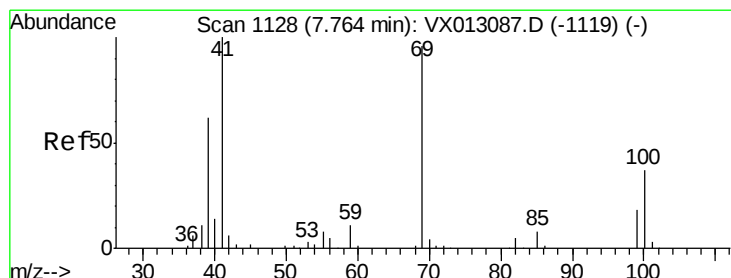
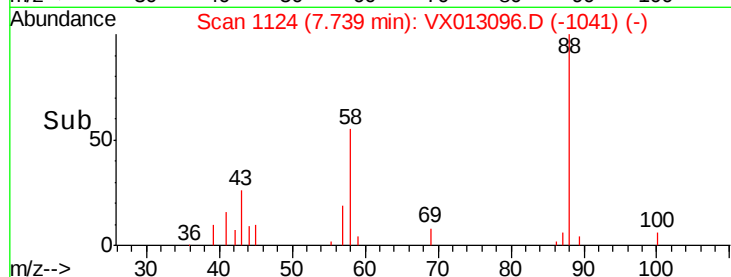
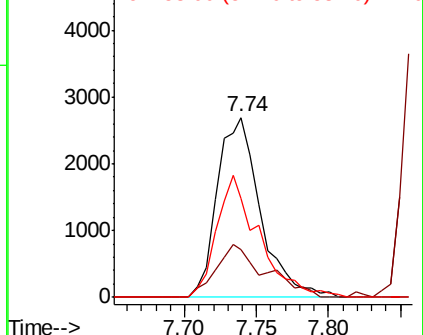
Ion	Ratio	Lower	Upper
88	100		
43	24.3	26.0	39.0#
58	66.6	53.0	79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 4.915 ug/l

RT: 7.76 min Scan# 1128

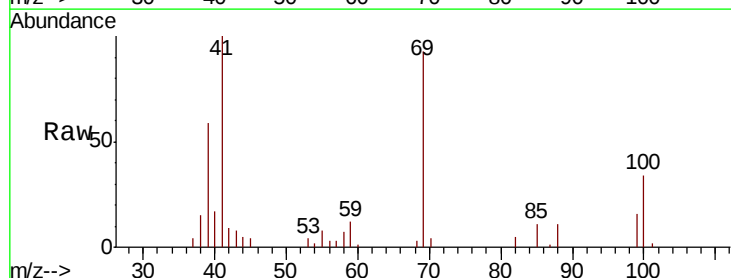
Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Tgt Ion: 41 Resp: 10803

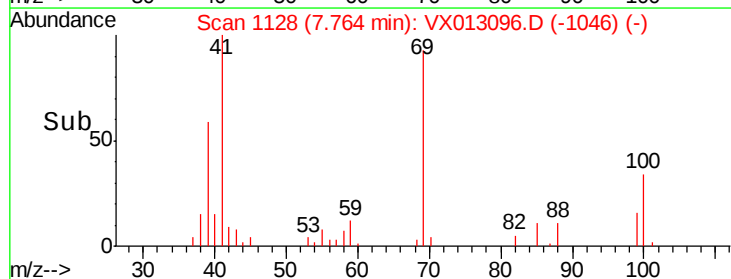
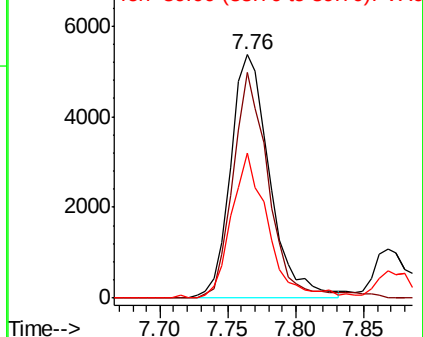
Ion	Ratio	Lower	Upper
41	100		
69	92.7	48.1	144.3
39	59.4	31.2	93.6

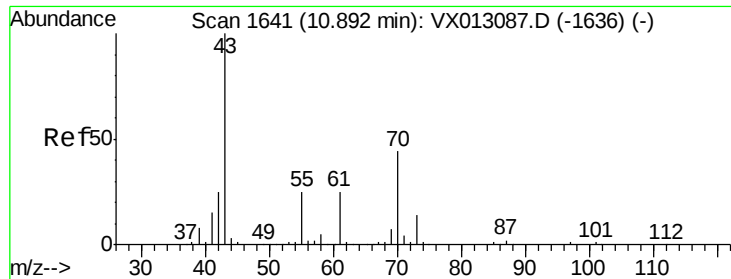


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 4.354 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

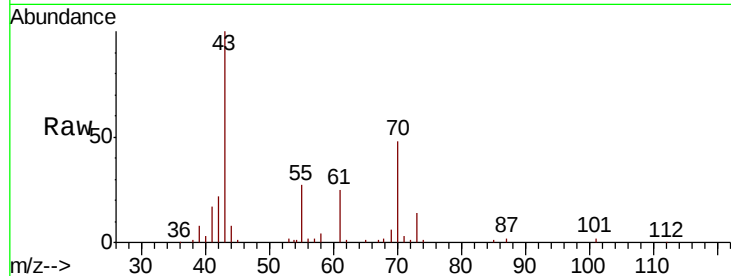
ClientSampled :

Tot Ion: 43 Resp: 16674

Ion Ratio Lower Upper

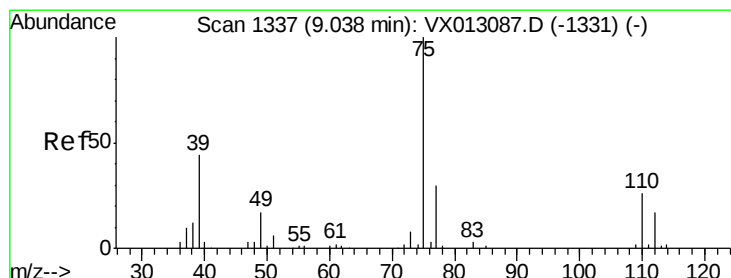
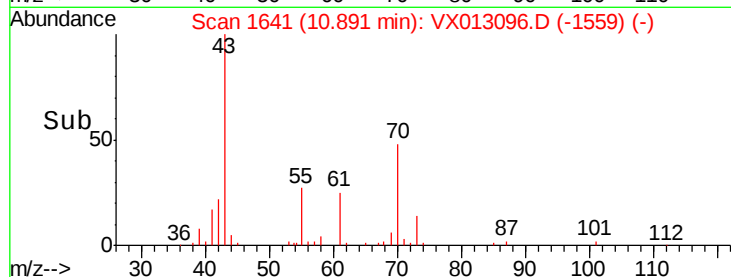
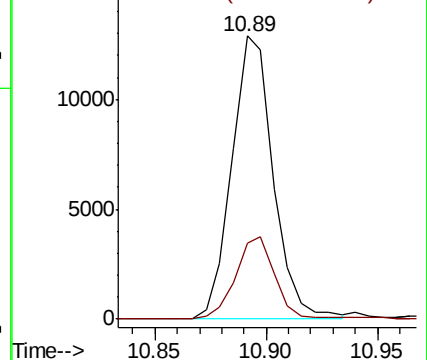
43 100

55 27.3 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 4.337 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013096.D

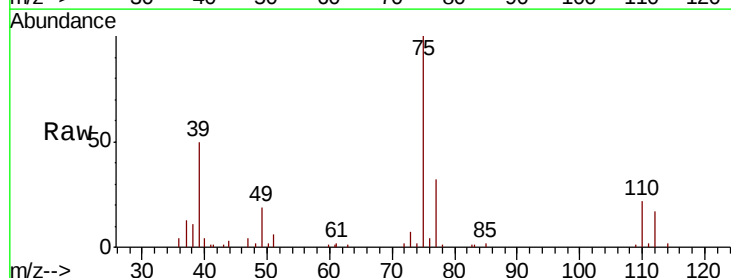
Acq: 16 Oct 2019 15:12

Tgt Ion: 75 Resp: 12696

Ion Ratio Lower Upper

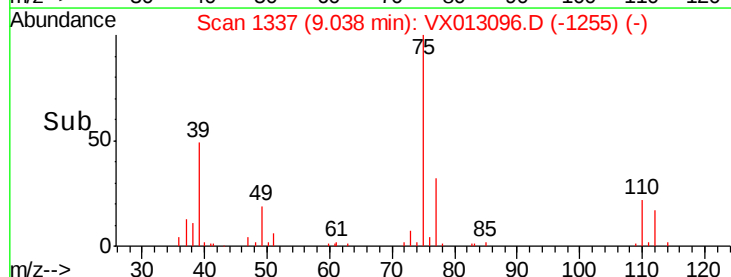
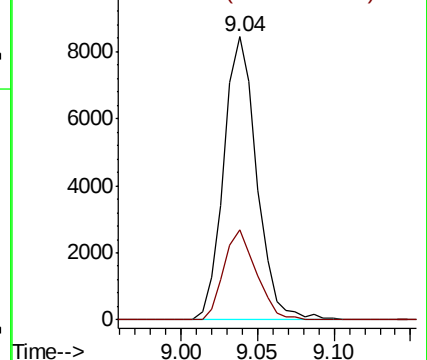
75 100

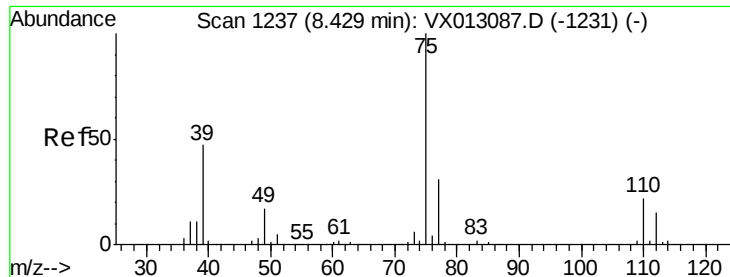
77 32.0 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



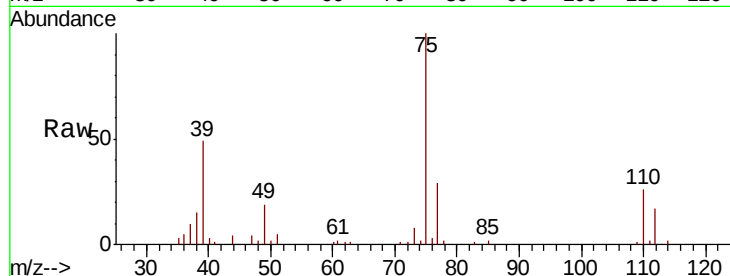


#49

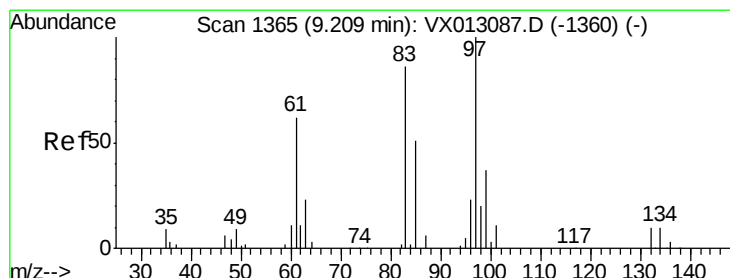
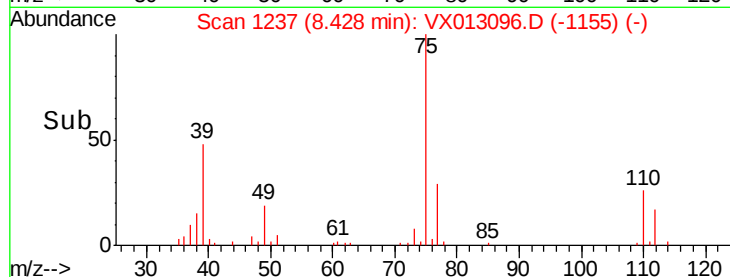
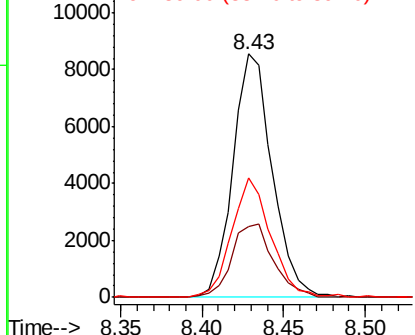
cis-1,3-Dichloropropene
 Concen: 4.444 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 14350
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.7 37.1
 39 49.0 37.4 56.0



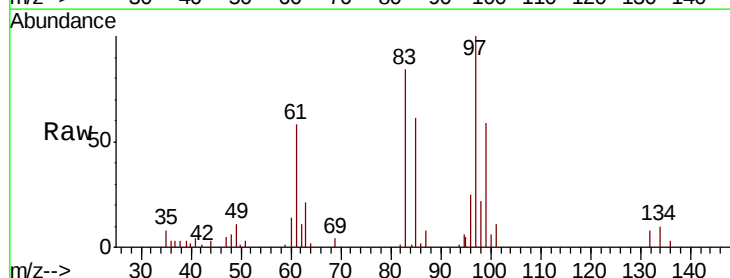
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



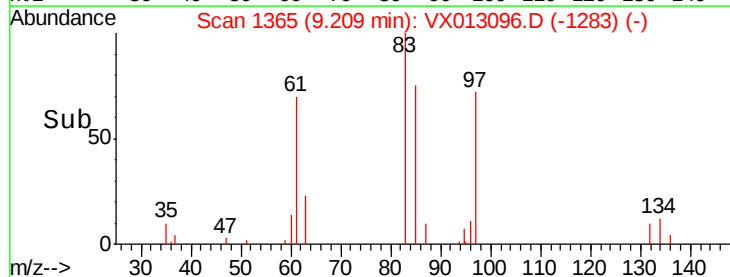
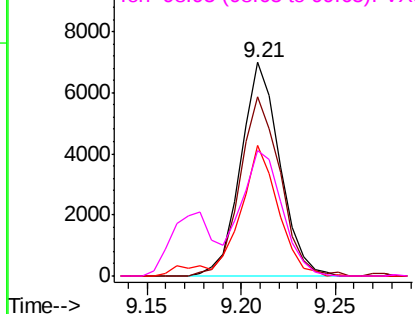
#50

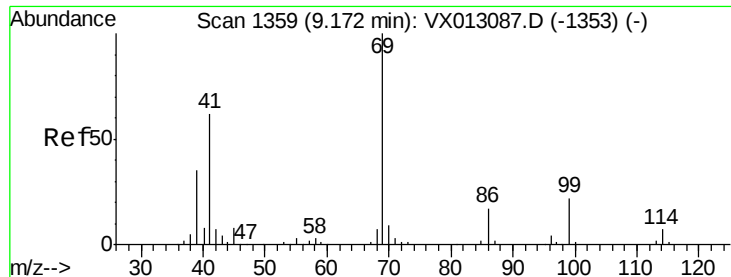
1,1,2-Trichloroethane
 Concen: 4.992 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 97 Resp: 10036
 Ion Ratio Lower Upper
 97 100
 83 83.6 68.1 102.1
 85 60.5 42.6 64.0
 99 58.6 49.8 74.8



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 4.618 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampled :

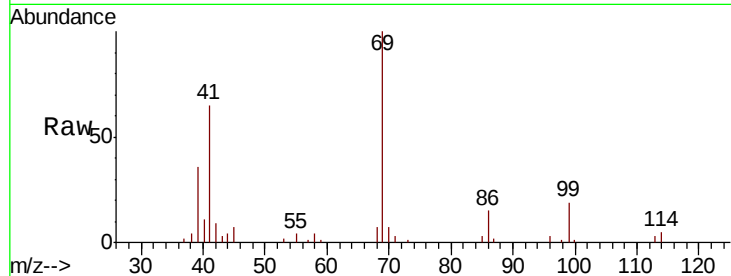
Tot Ion: 69 Resp: 14600

Ion Ratio Lower Upper

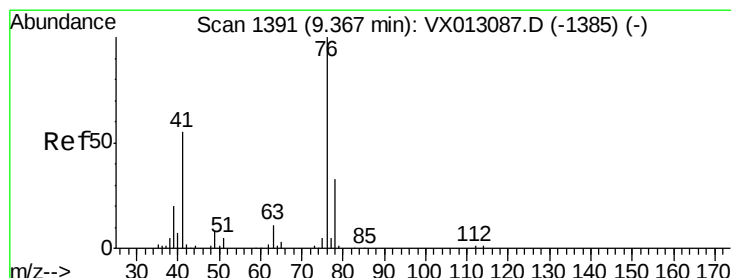
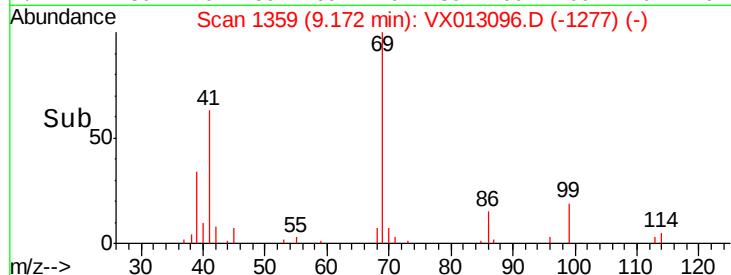
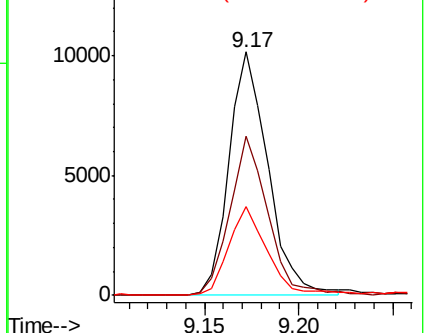
69 100

41 65.4 31.1 93.3

39 36.3 17.6 52.9



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



#52

1,3-Dichloropropane

Concen: 5.339 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013096.D

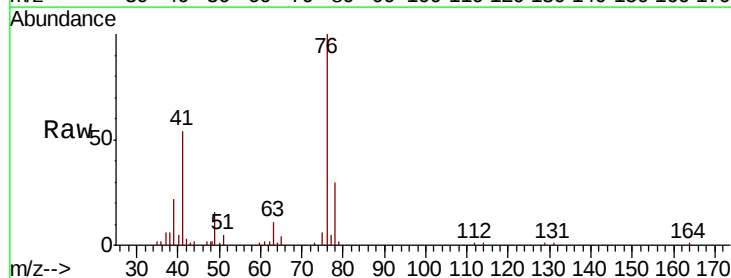
Acq: 16 Oct 2019 15:12

Tgt Ion: 76 Resp: 18014

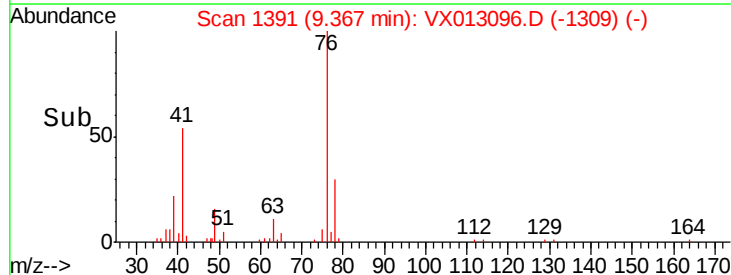
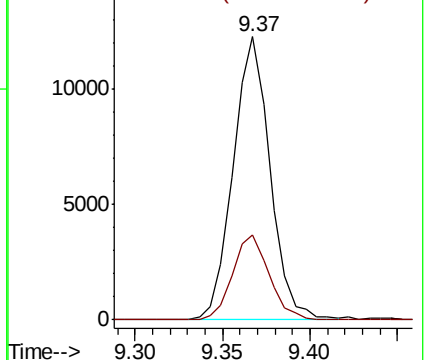
Ion Ratio Lower Upper

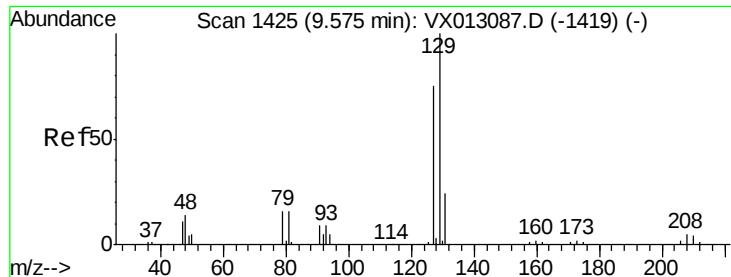
76 100

78 29.8 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 4.454 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

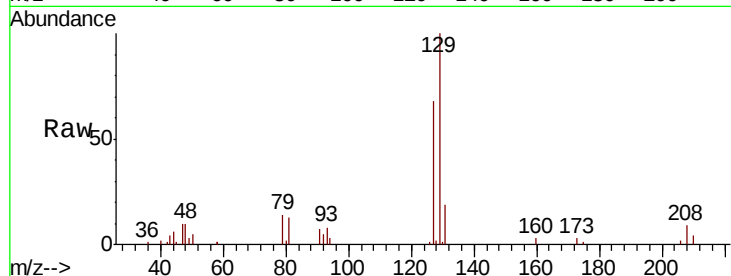
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 9196

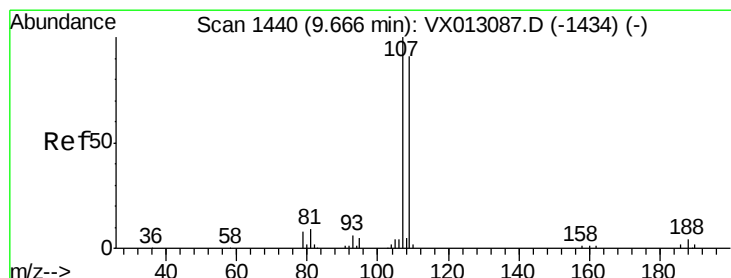
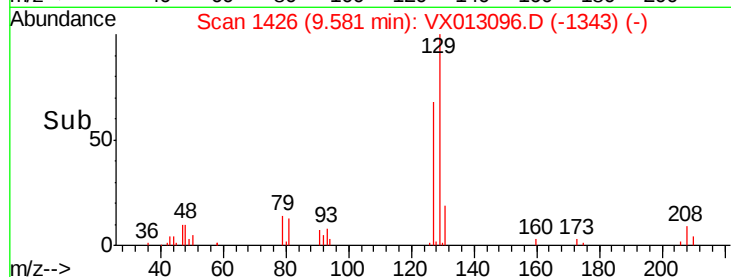
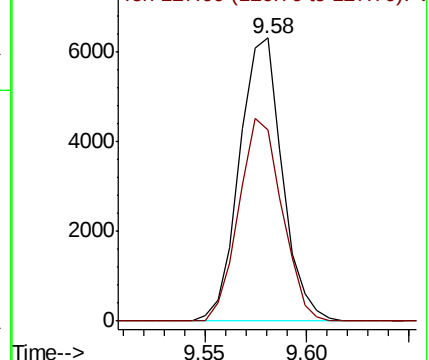
Ion Ratio Lower Upper

129 100

127 72.2 38.0 113.9



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.733 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013096.D

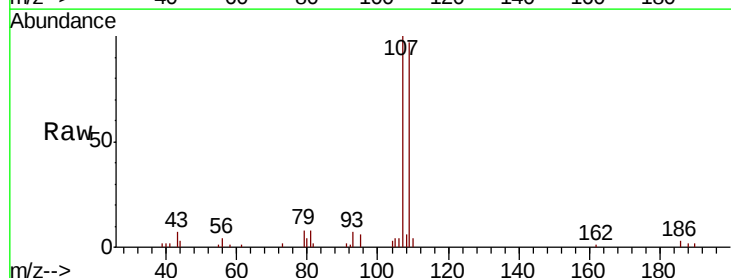
Acq: 16 Oct 2019 15:12

Tgt Ion:107 Resp: 10008

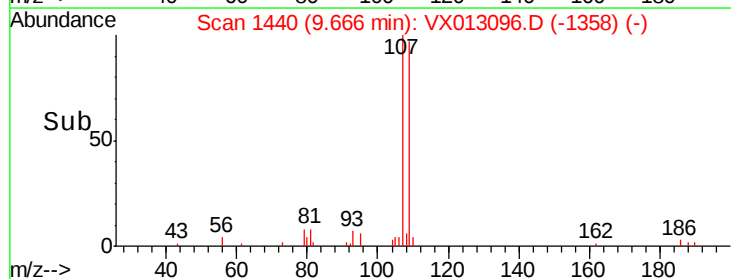
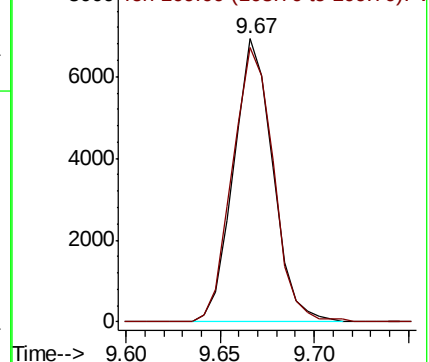
Ion Ratio Lower Upper

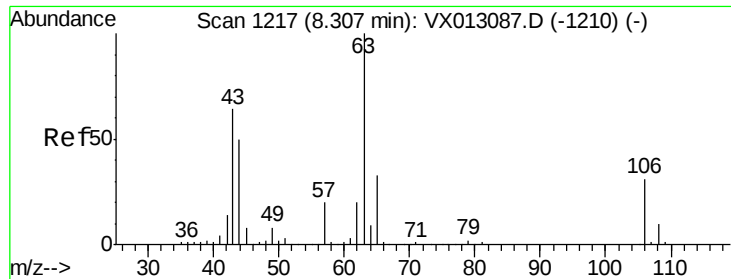
107 100

109 100.9 73.6 110.4



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

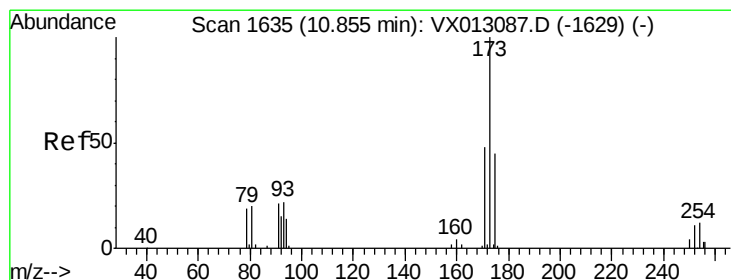
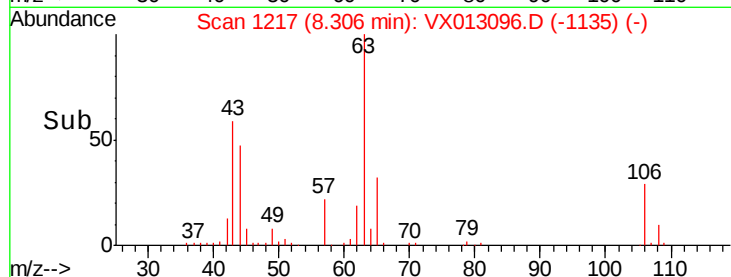
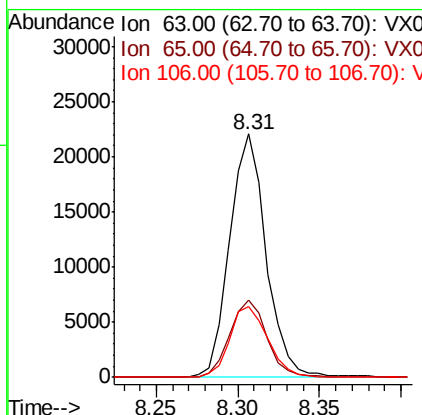
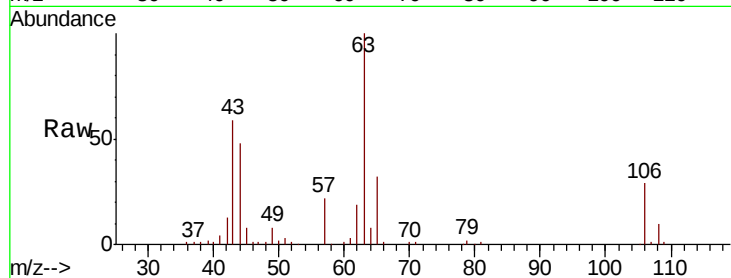




#55
2-Chloroethyl vinyl ether
Concen: 24.691 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

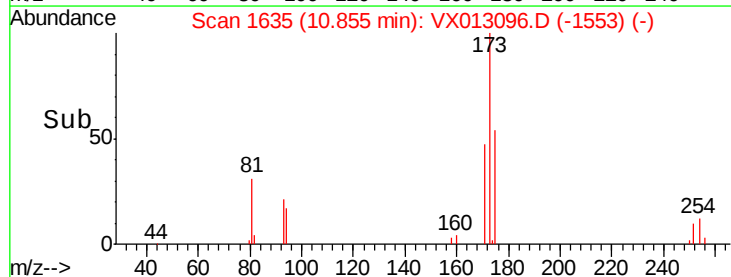
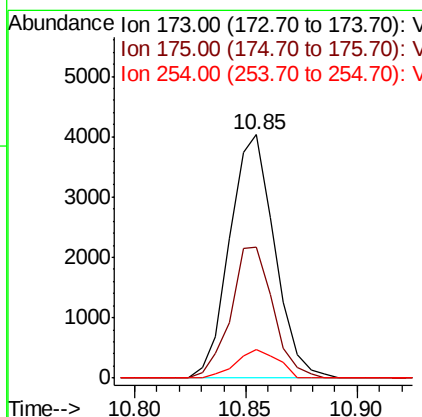
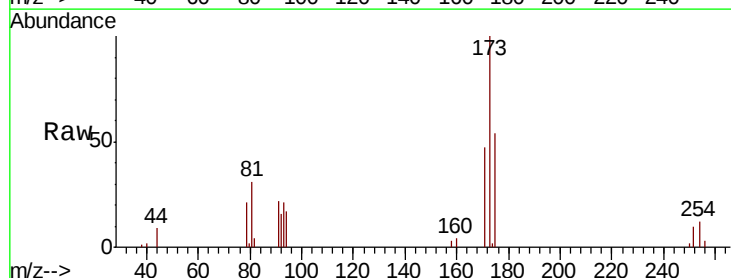
Instrument :
MSVOA_X
ClientSampleId :

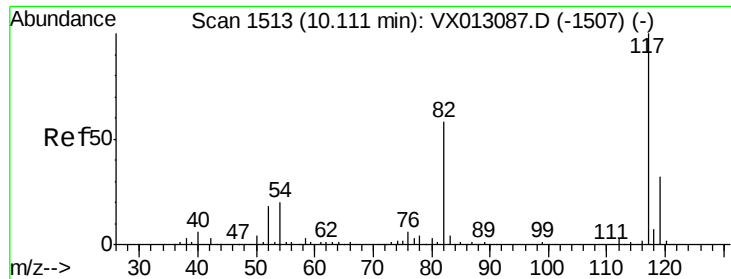
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.9	38.9
106	30.4	24.3	36.5



#56
Bromoform
Concen: 3.943 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.7	37.8	56.8
254	11.0	7.9	11.9

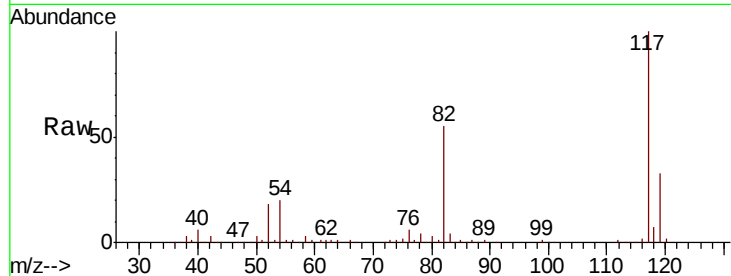




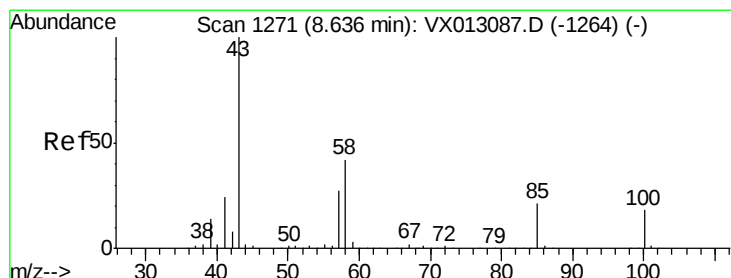
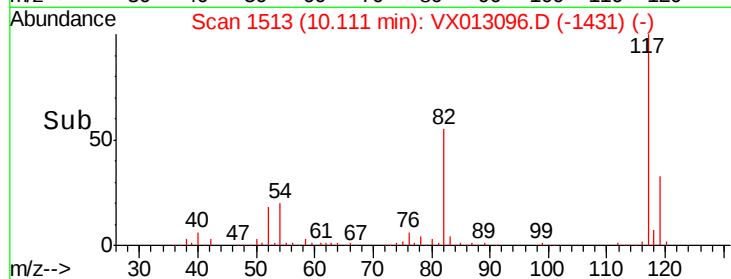
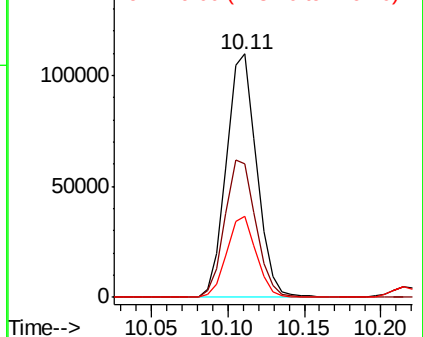
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 151141
Ion Ratio Lower Upper
117 100
82 57.3 46.7 70.1
119 32.4 25.8 38.6

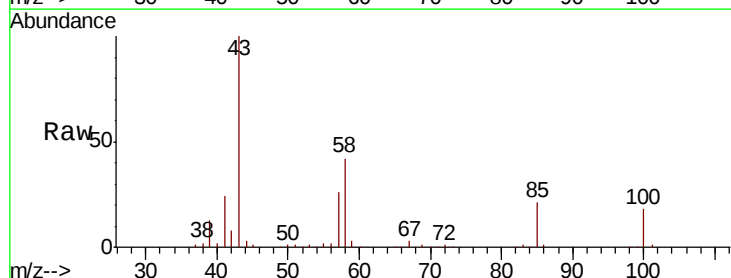


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

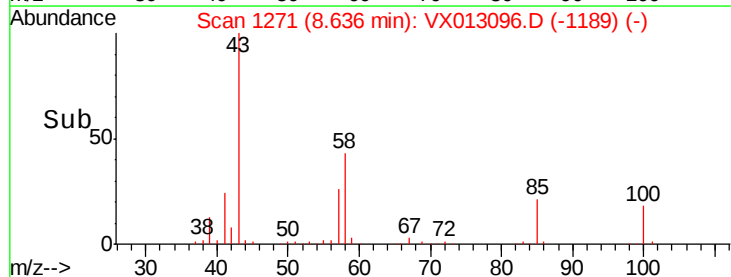
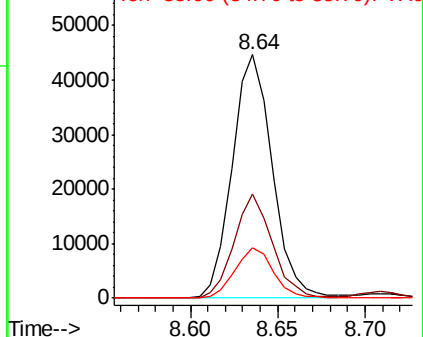


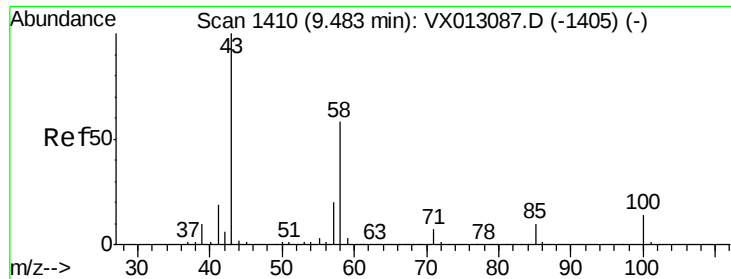
#58
4-Methyl-2-Pentanone
Concen: 25.902 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 43 Resp: 71233
Ion Ratio Lower Upper
43 100
58 40.4 33.0 49.4
85 20.0 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

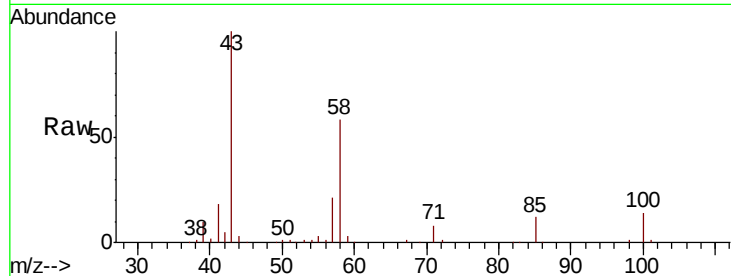




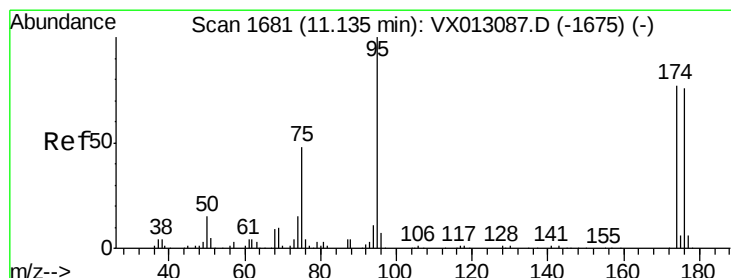
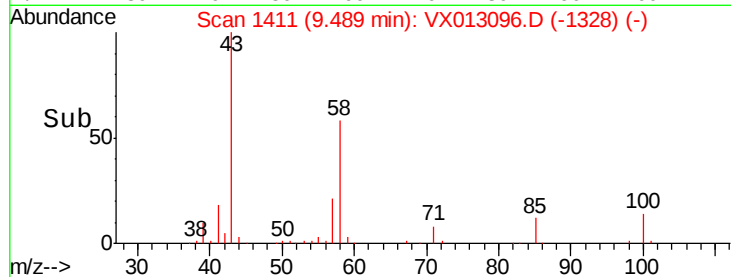
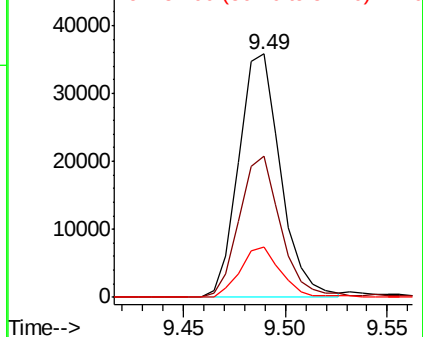
#59
2-Hexanone
Concen: 23.927 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 51349
Ion Ratio Lower Upper
43 100
58 57.0 45.4 68.2
57 20.5 16.2 24.2

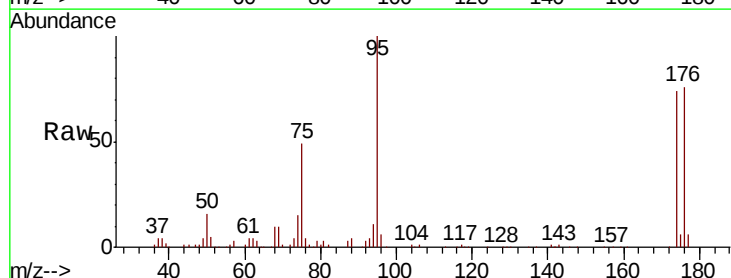


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

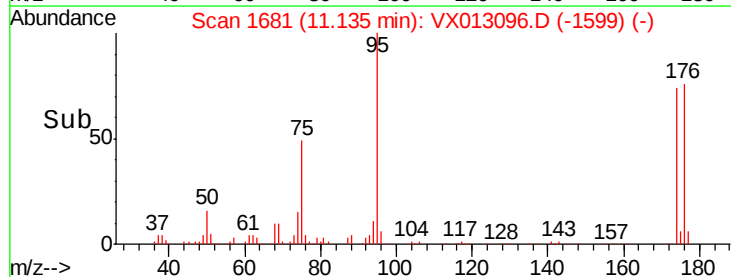
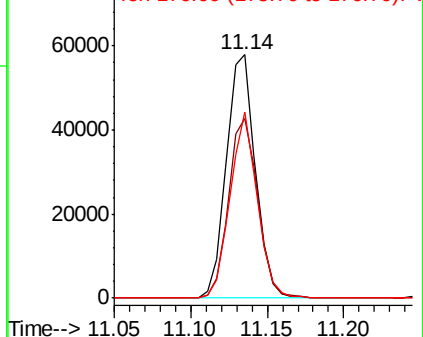


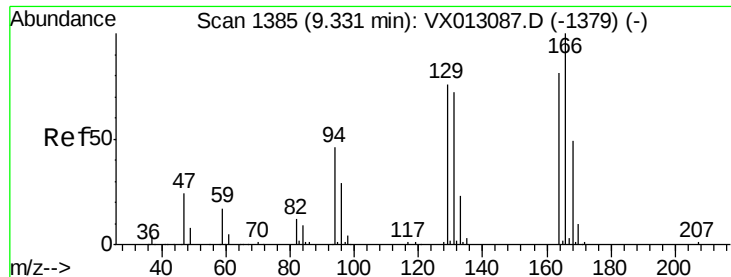
#60
4-Bromofluorobenzene
Concen: 28.786 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 95 Resp: 76156
Ion Ratio Lower Upper
95 100
174 74.1 58.8 88.2
176 71.4 56.6 84.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 5.181 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 9976

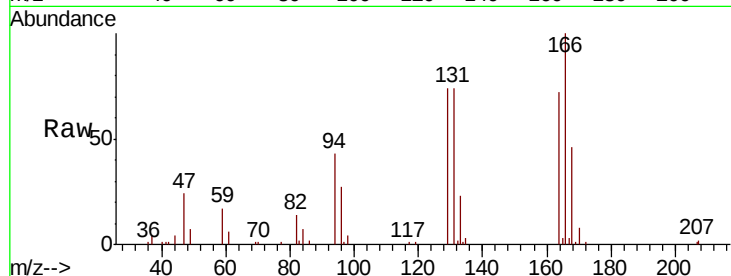
Ion Ratio Lower Upper

164 100

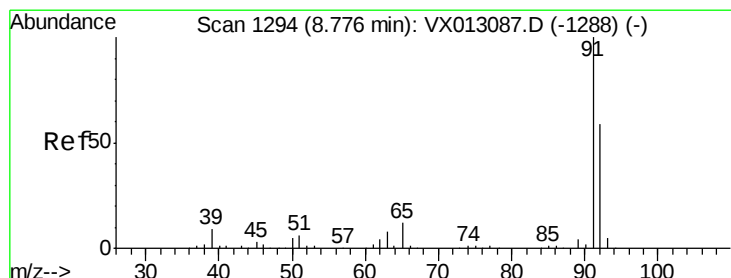
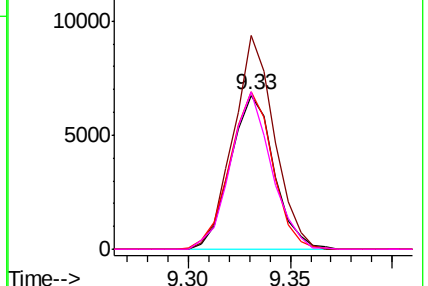
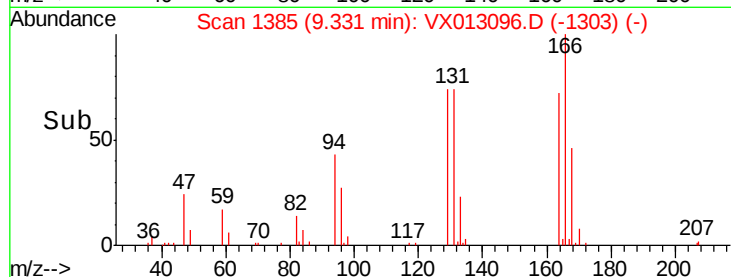
166 138.8 98.4 147.6

129 102.5 75.2 112.8

131 102.8 70.4 105.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.291 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013096.D

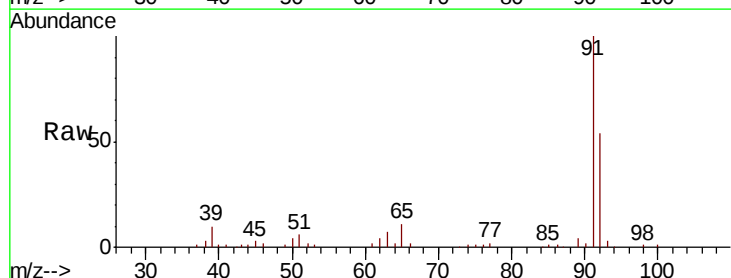
Acq: 16 Oct 2019 15:12

Tgt Ion: 91 Resp: 43461

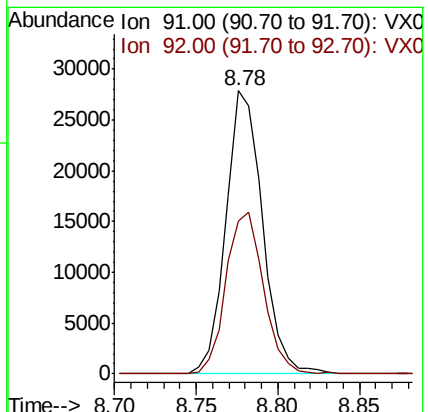
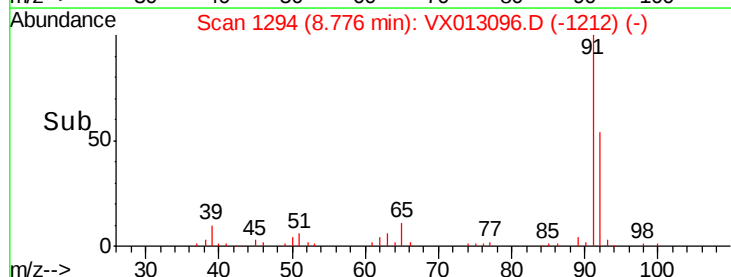
Ion Ratio Lower Upper

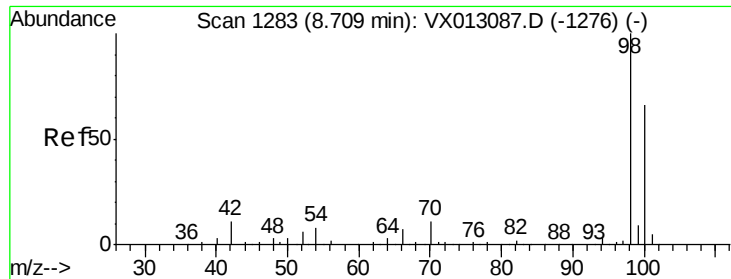
91 100

92 58.8 47.6 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.319 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

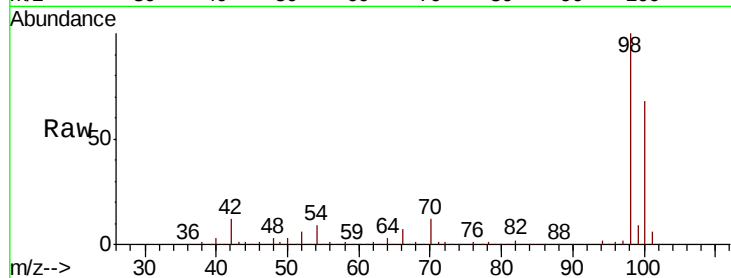
ClientSampleId :

Tot Ion: 98 Resp: 209059

Ion Ratio Lower Upper

98 100

100 67.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX013087.D (-1276) (-)

Ion 100.00 (99.70 to 100.70): VX013087.D (-1276) (-)

8.71

150000

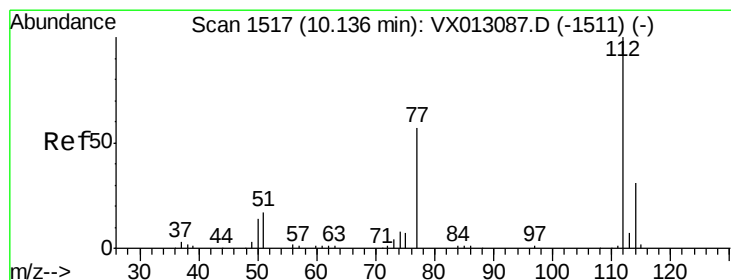
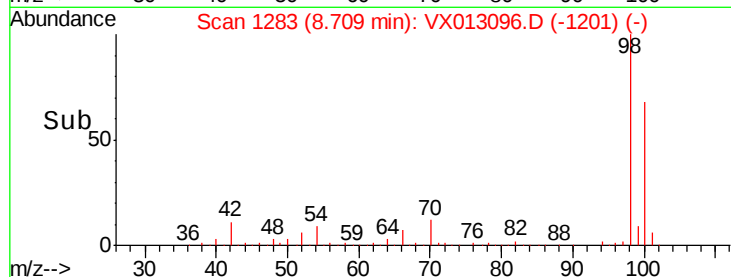
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 5.056 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013096.D

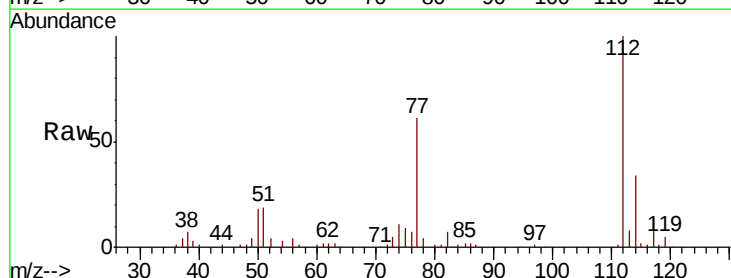
Acq: 16 Oct 2019 15:12

Tgt Ion: 112 Resp: 26392

Ion Ratio Lower Upper

112 100

114 34.0 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): VX013087.D (-1511) (-)

Ion 114.00 (113.70 to 114.70): VX013087.D (-1511) (-)

10.14

20000

15000

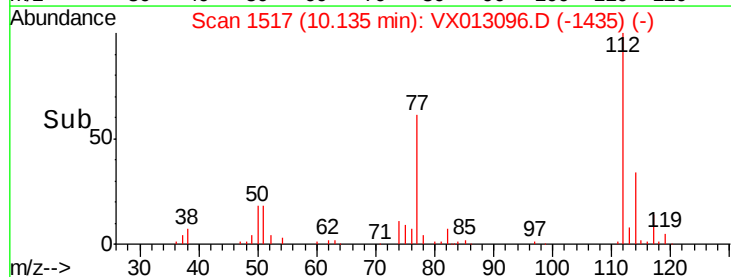
10000

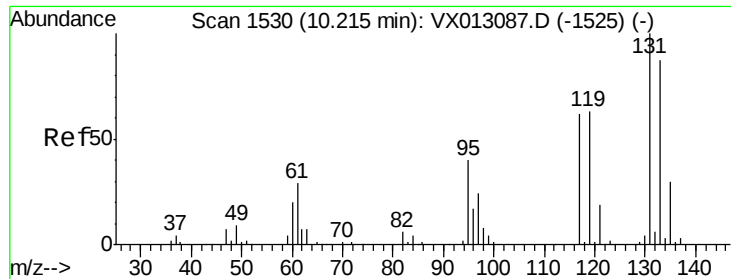
5000

0

10.10 10.15 10.20

Time-->

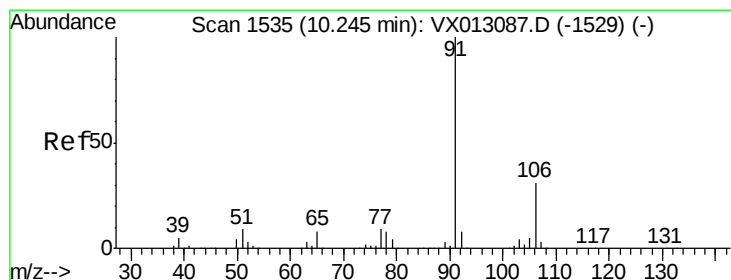
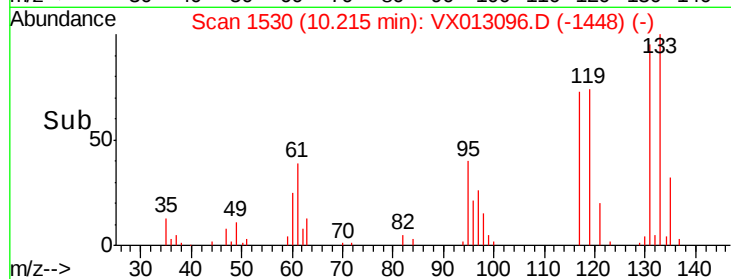
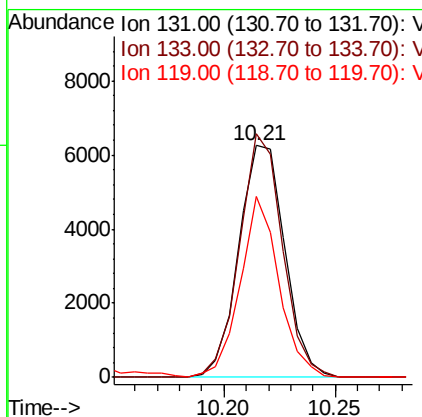
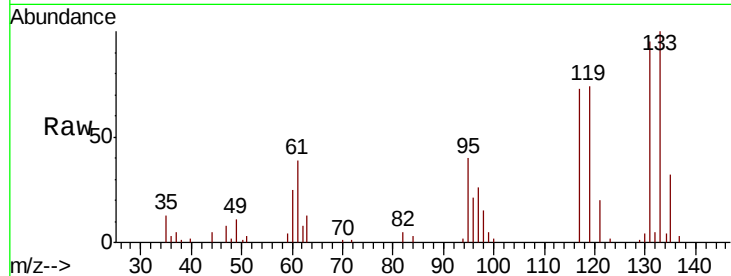




#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.728 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

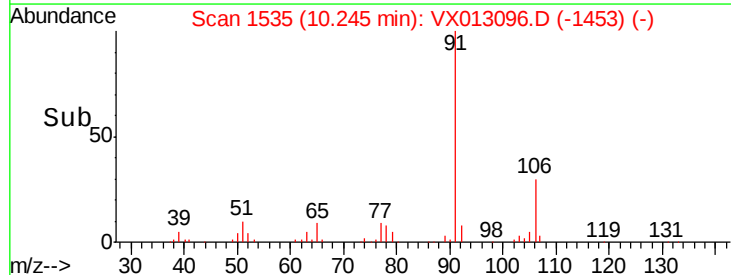
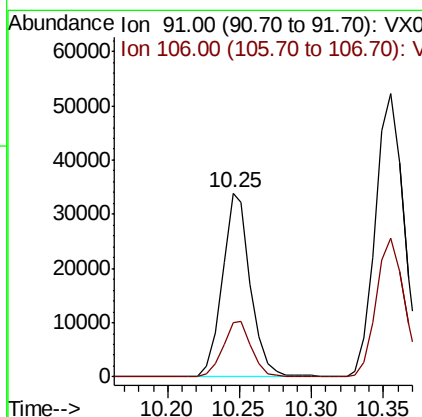
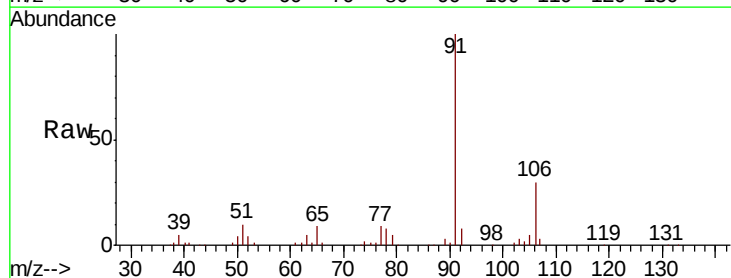
Instrument :
 MSVOA_X
 ClientSampleId :

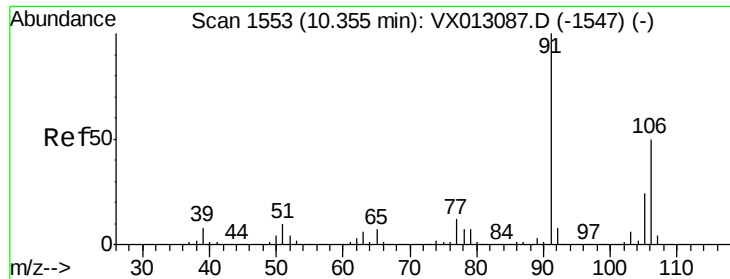
Tot Ion:131 Resp: 9065
 Ion Ratio Lower Upper
 131 100
 133 97.4 0.0 187.8
 119 65.4 0.0 128.4



#66
 Ethyl Benzene
 Concen: 4.955 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 91 Resp: 46449
 Ion Ratio Lower Upper
 91 100
 106 29.7 25.0 37.4

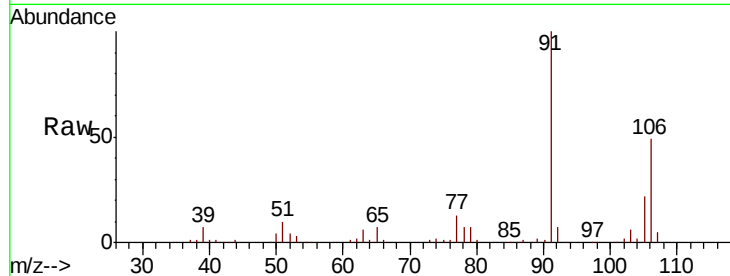




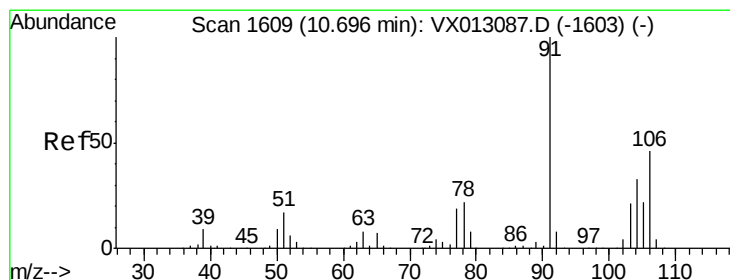
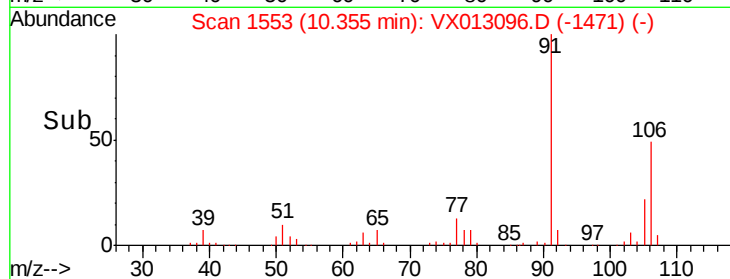
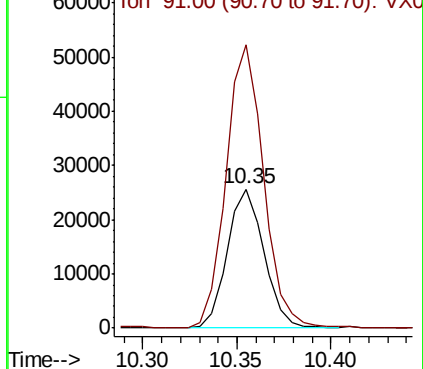
#67
m/p-Xylenes
Concen: 9.868 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 34806
Ion Ratio Lower Upper
106 100
91 207.7 162.6 243.8

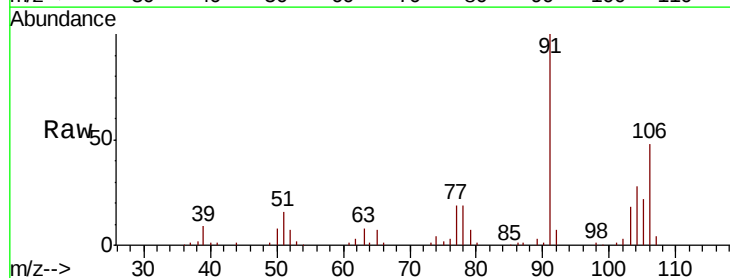


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

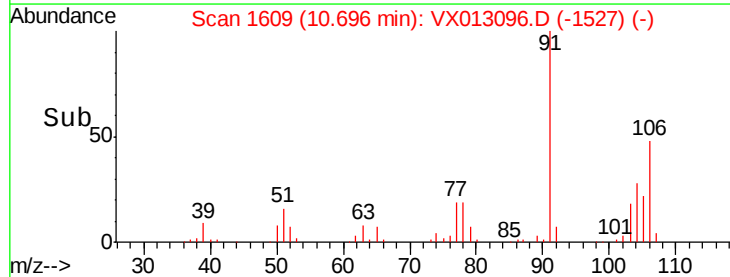
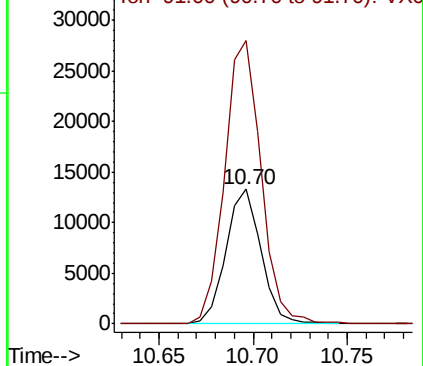


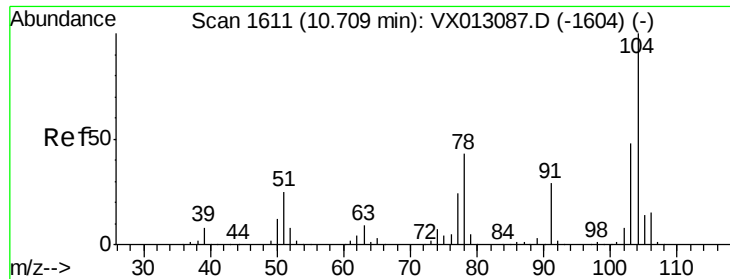
#68
o-Xylene
Concen: 5.001 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion:106 Resp: 17178
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.3



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

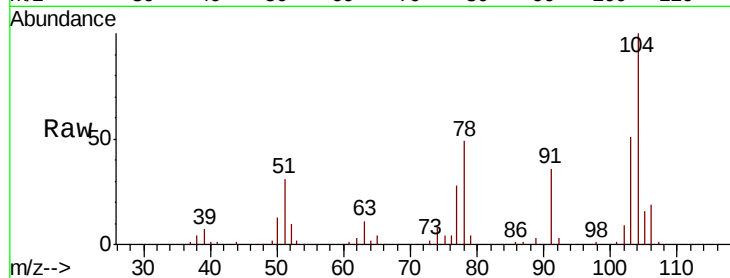




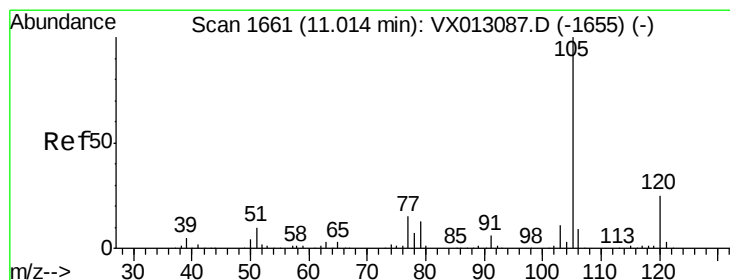
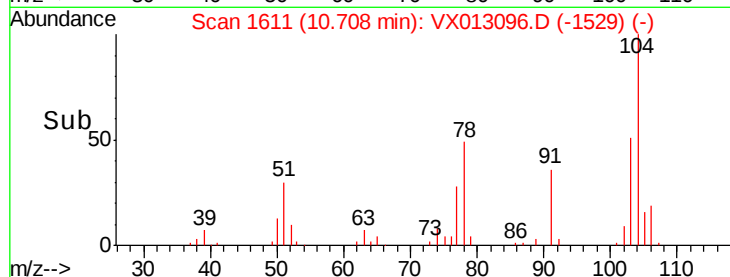
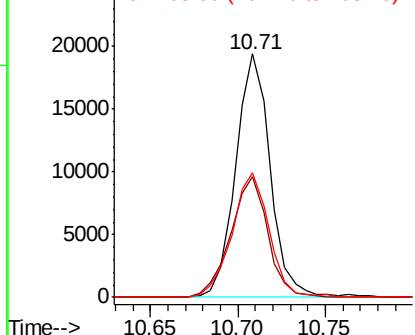
#69
Stvrene
Concen: 4.500 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 26605
Ion Ratio Lower Upper
104 100
78 53.1 41.0 61.4
103 55.0 42.8 64.2

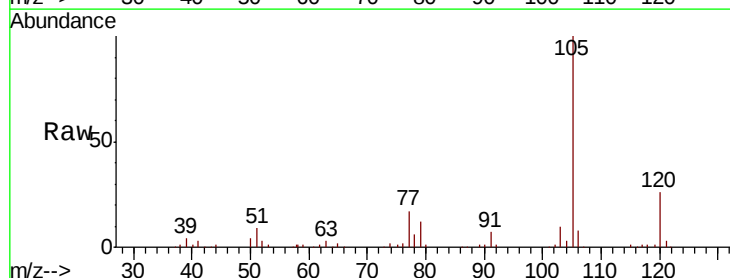


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

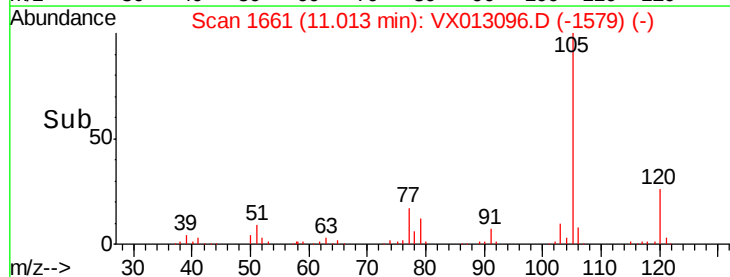
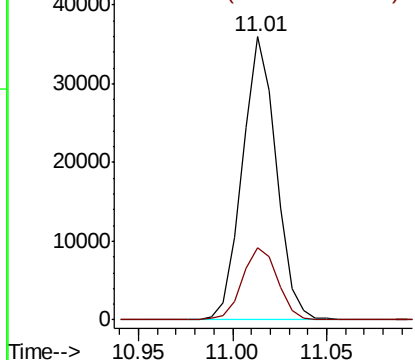


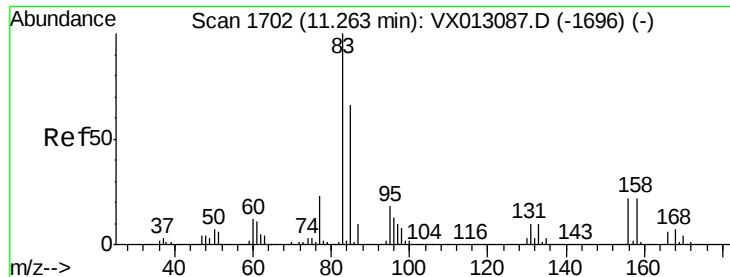
#70
Isopropylbenzene
Concen: 4.890 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion:105 Resp: 44856
Ion Ratio Lower Upper
105 100
120 26.7 17.9 33.3



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

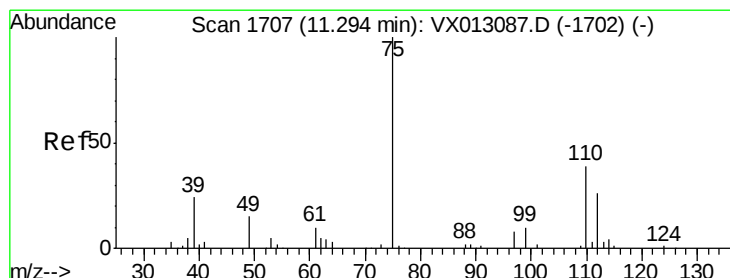
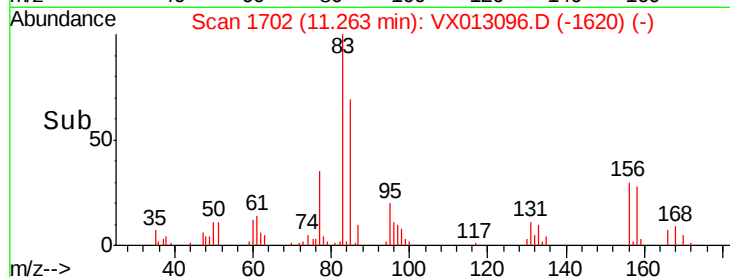
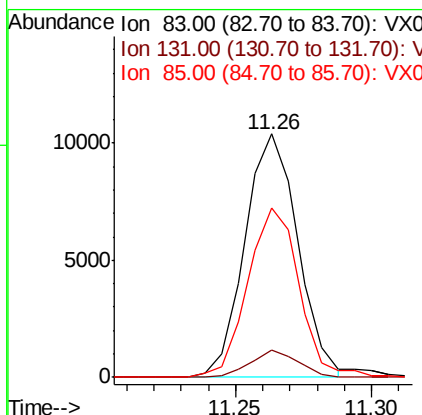
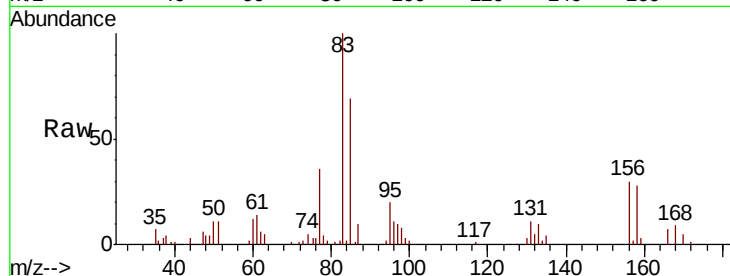




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.686 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

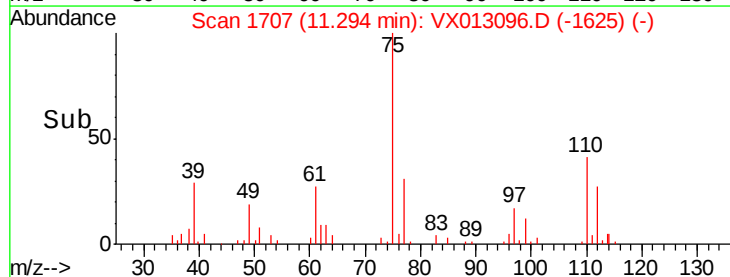
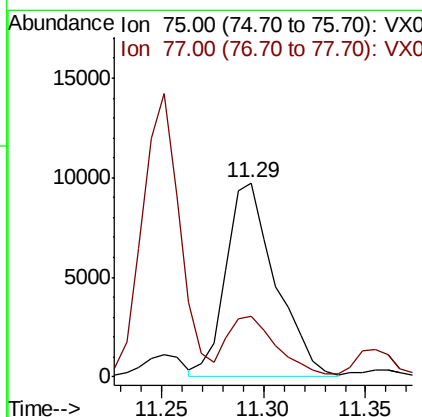
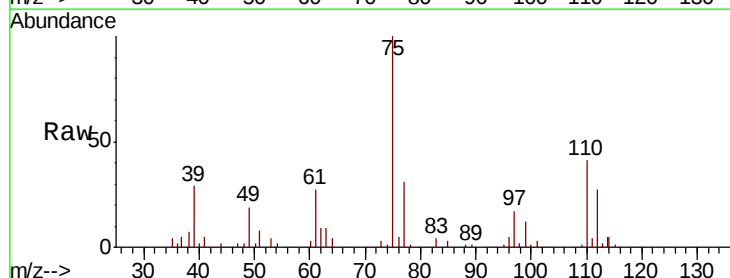
Instrument :
 MSVOA_X
 ClientSampleId :

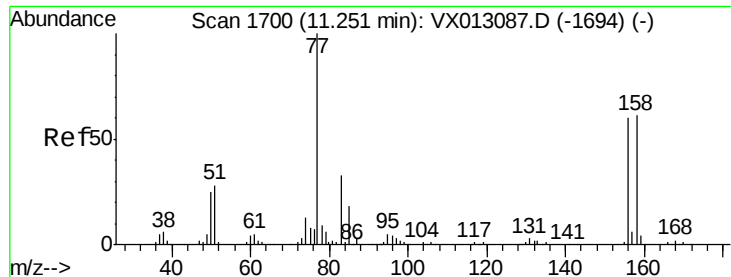
Tot Ion	83	Resp	13990
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.6
85	68.2	31.9	95.9



#72
 1,2,3-Trichloropropane
 Concen: 6.618 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion	75	Resp	16429
Ion Ratio	Lower	Upper	
75	100		
77	30.6	0.0	87.8





#73

Bromobenzene

Concen: 4.839 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

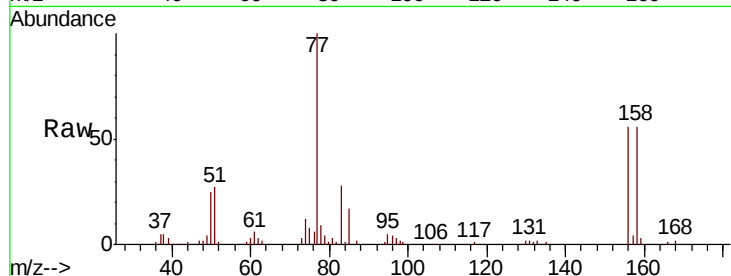
Tot Ion:156 Resp: 10588

Ion Ratio Lower Upper

156 100

77 171.5 0.0 344.0

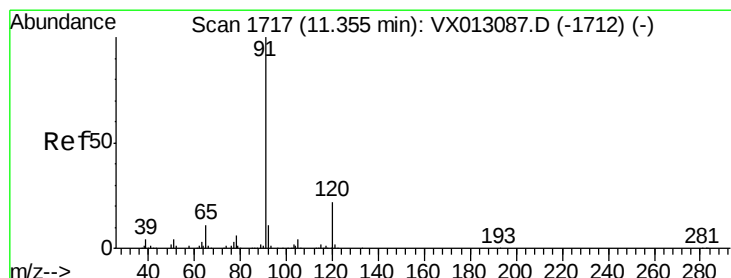
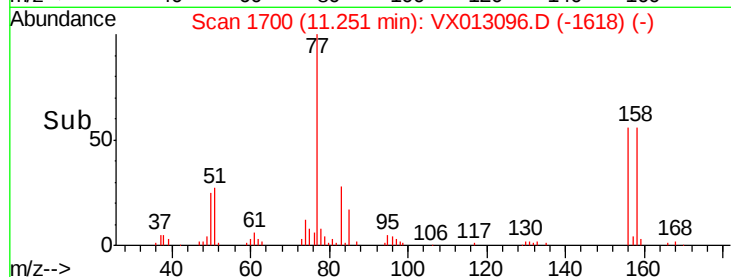
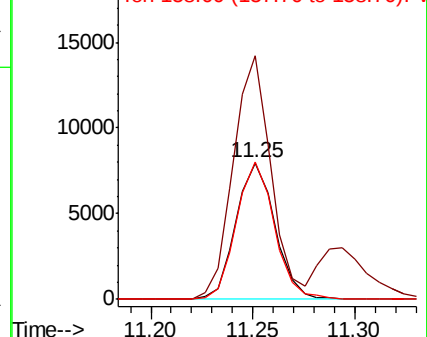
158 97.7 0.0 195.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.748 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013096.D

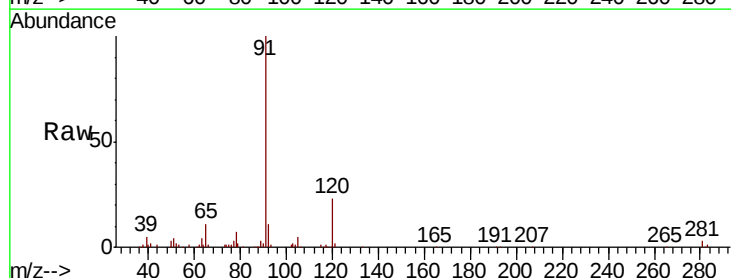
Acq: 16 Oct 2019 15:12

Tgt Ion: 91 Resp: 48647

Ion Ratio Lower Upper

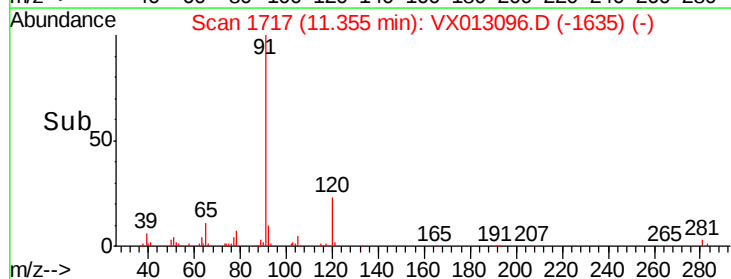
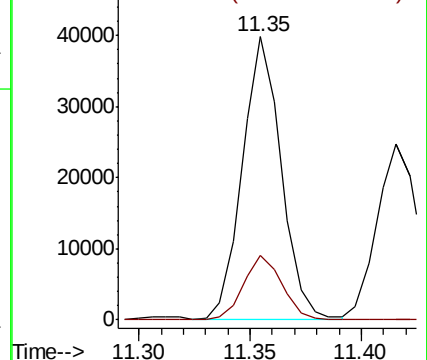
91 100

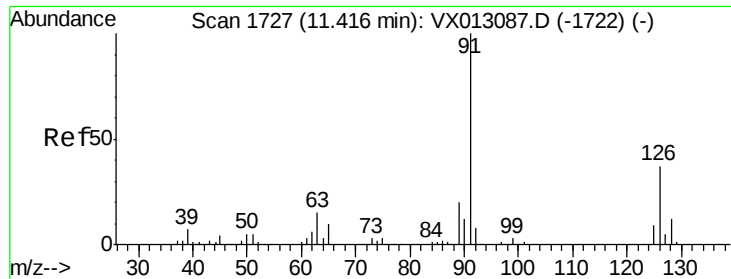
120 22.6 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

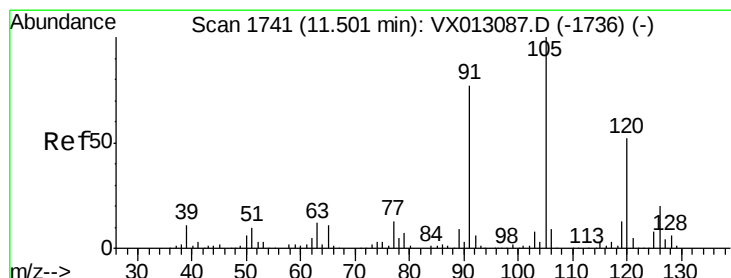
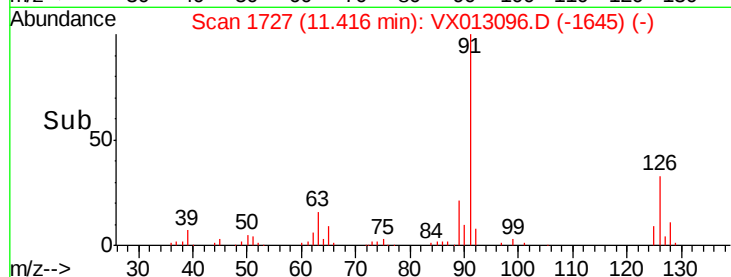
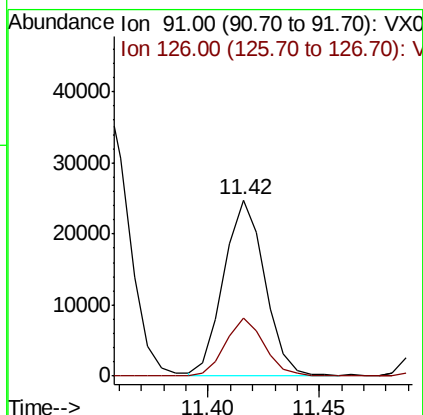
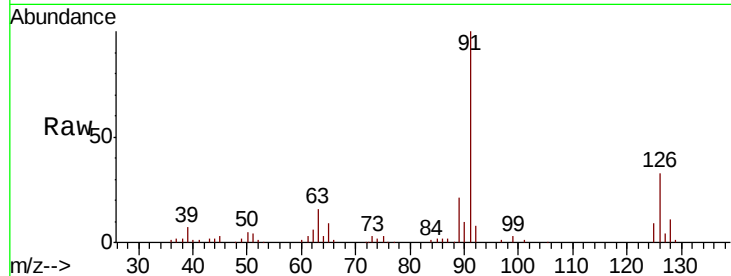




#75
 2-Chlorotoluene
 Concen: 5.098 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

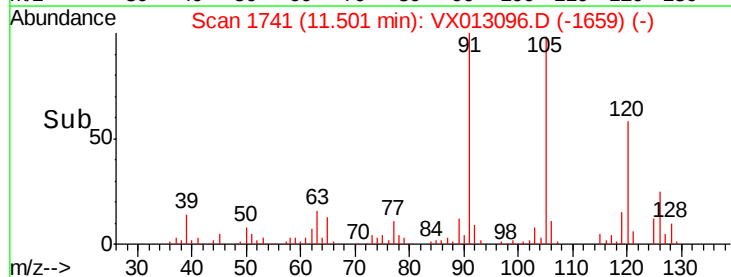
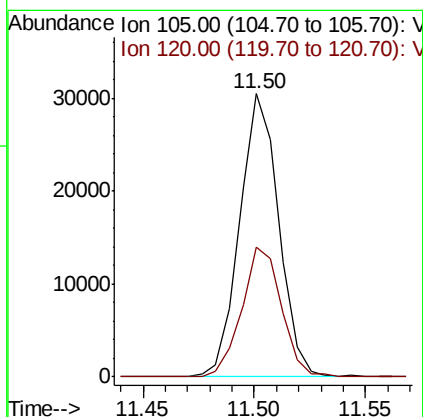
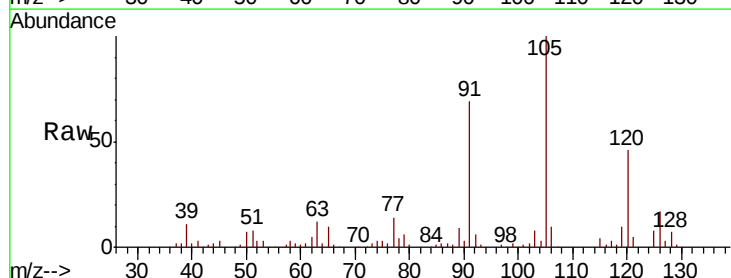
Instrument :
 MSVOA_X
 ClientSampleId :

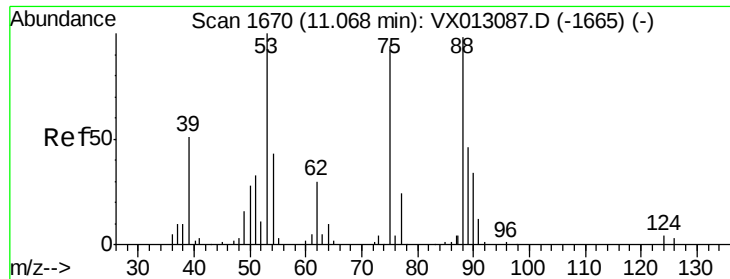
Tot Ion: 91 Resp: 32002
 Ion Ratio Lower Upper
 91 100
 126 30.9 0.0 66.0



#76
 1,3,5-Trimethylbenzene
 Concen: 4.779 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 105 Resp: 37304
 Ion Ratio Lower Upper
 105 100
 120 46.9 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 3.757 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

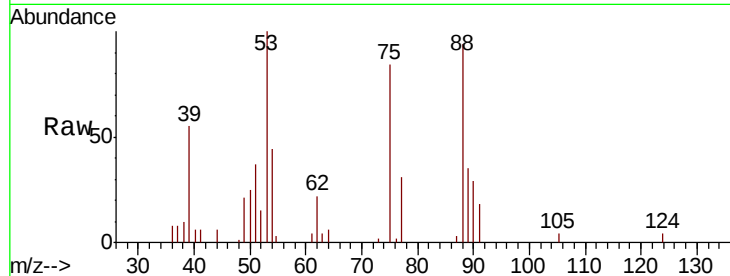
Tot Ion: 75 Resp: 3609

Ion Ratio Lower Upper

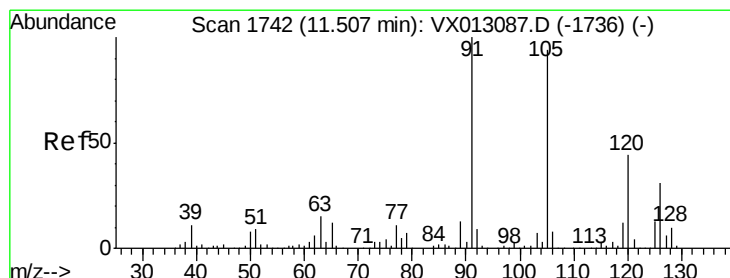
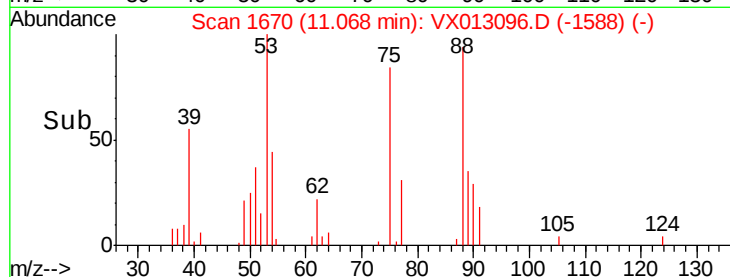
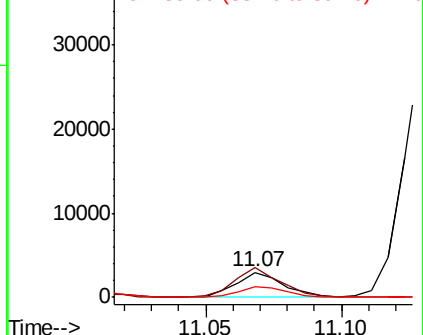
75 100

53 116.7 53.1 159.4

89 41.3 24.6 73.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 4.776 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013096.D

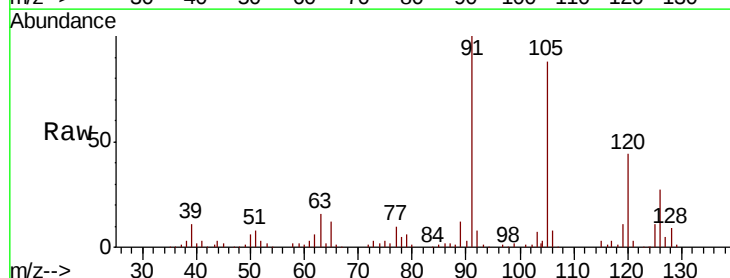
Acq: 16 Oct 2019 15:12

Tgt Ion: 91 Resp: 34667

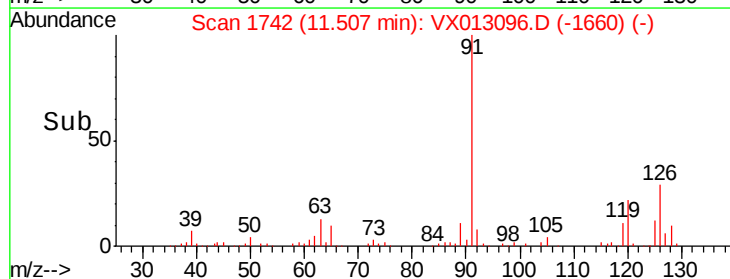
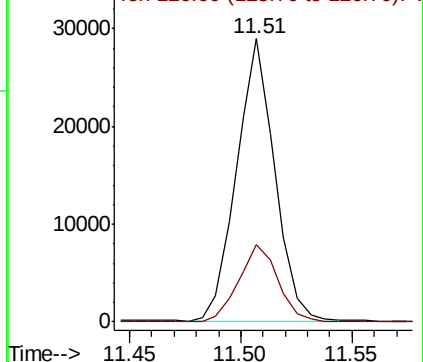
Ion Ratio Lower Upper

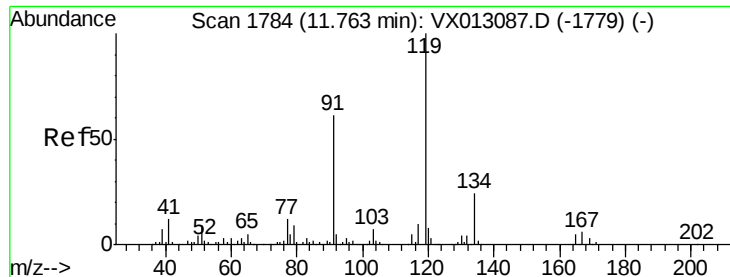
91 100

126 27.9 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 4.956 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013096.D

Acq: 16 Oct 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

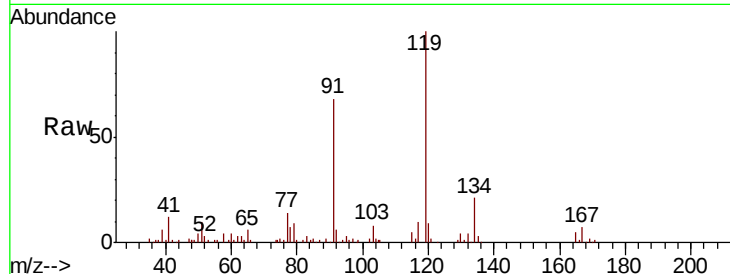
Tot Ion:119 Resp: 36392

Ion Ratio Lower Upper

119 100

91 59.1 0.0 122.2

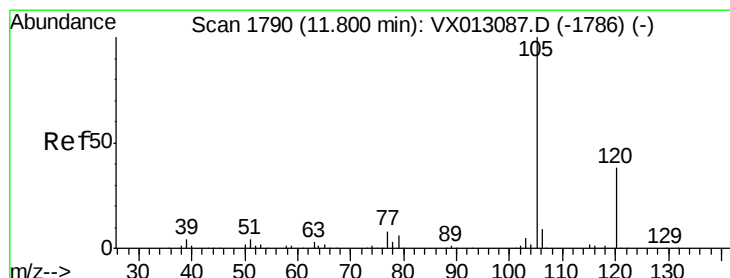
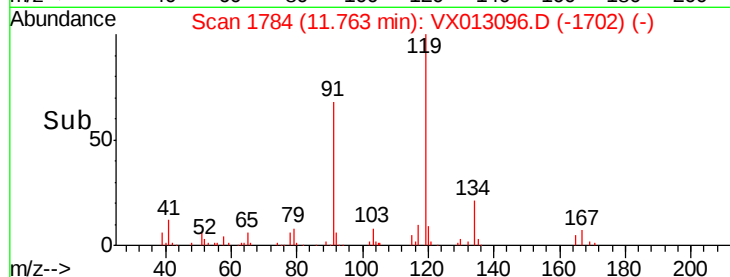
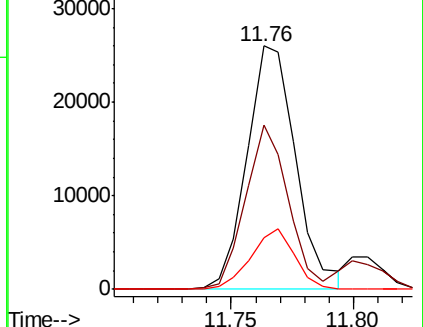
134 22.3 0.0 46.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 4.756 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013096.D

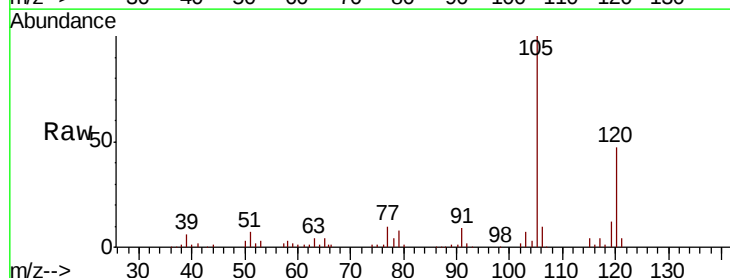
Acq: 16 Oct 2019 15:12

Tgt Ion:105 Resp: 37022

Ion Ratio Lower Upper

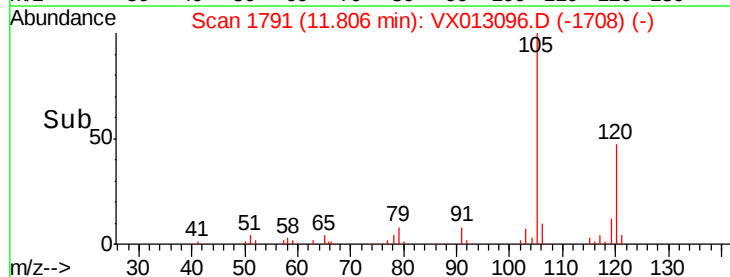
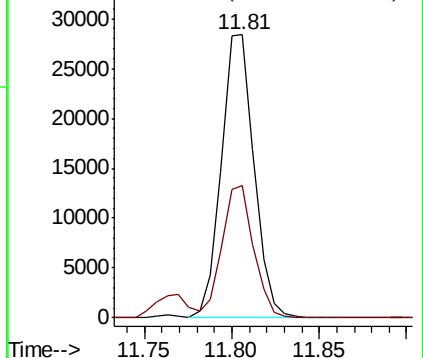
105 100

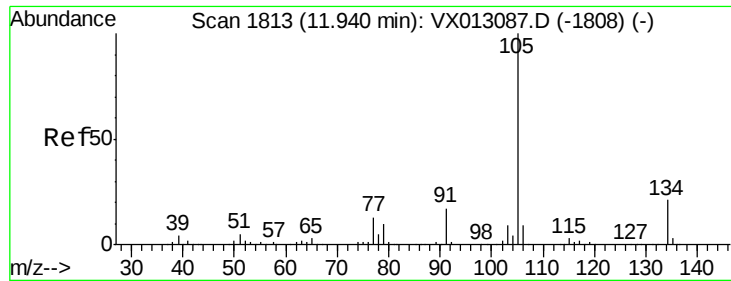
120 45.0 0.0 85.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

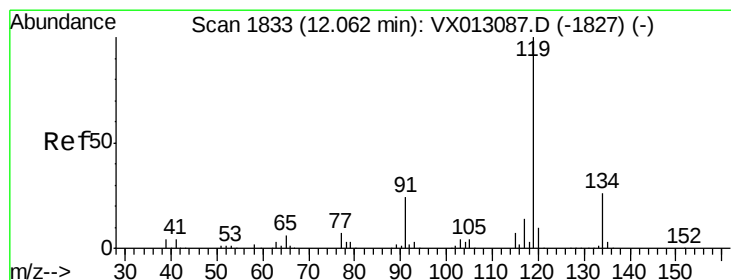
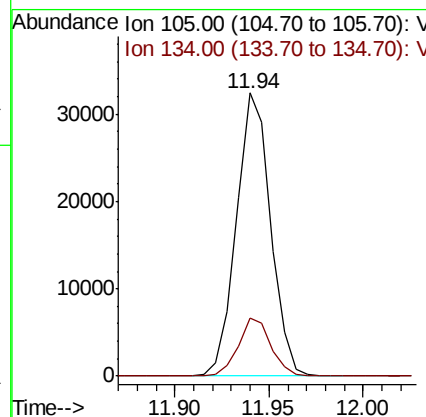
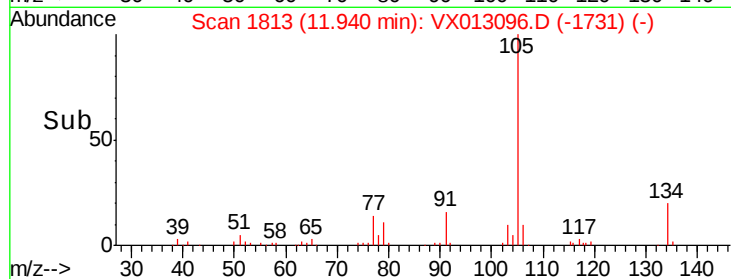
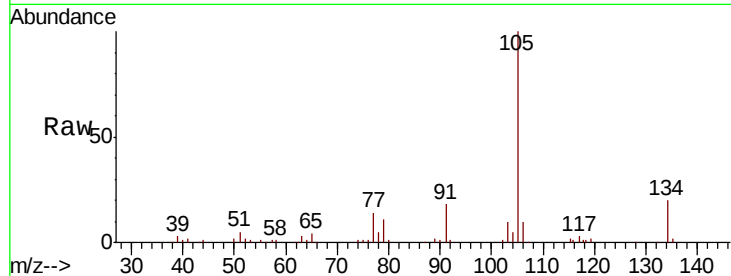




#81
 sec-Butylbenzene
 Concen: 4.619 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

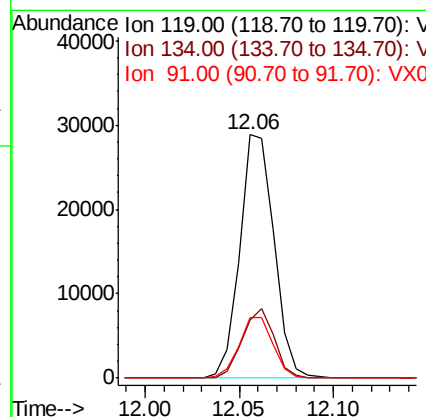
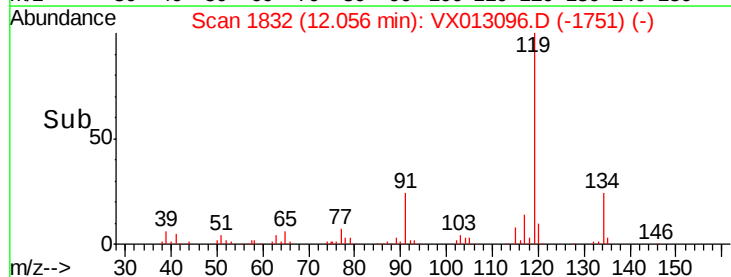
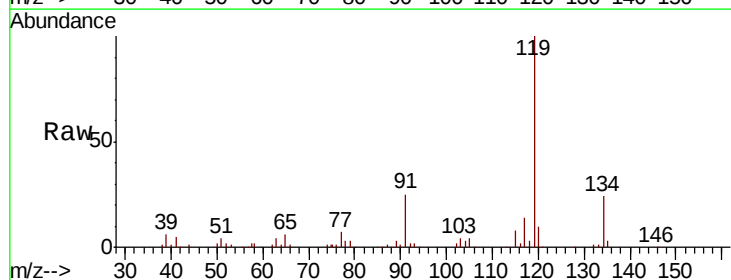
Instrument :
 MSVOA_X
 ClientSampleId :

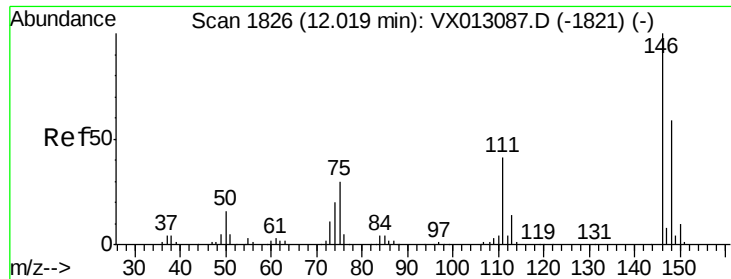
Tot Ion:105 Resp: 40856
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 4.518 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion:119 Resp: 36443
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.0
 91 24.8 0.0 50.4

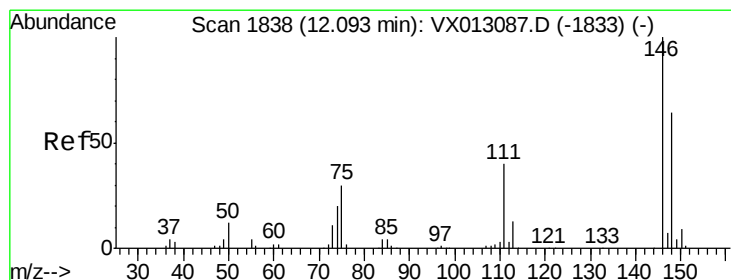
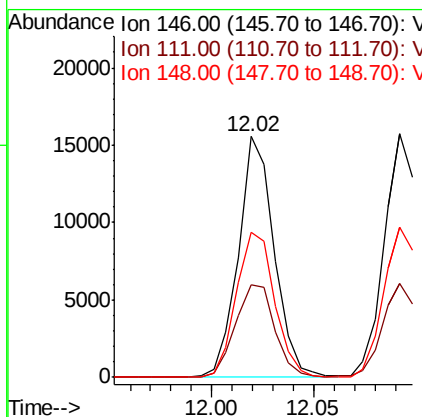
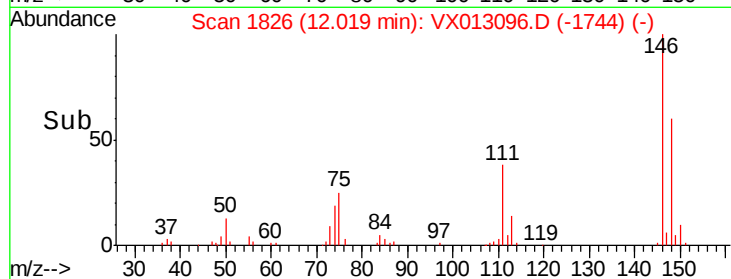
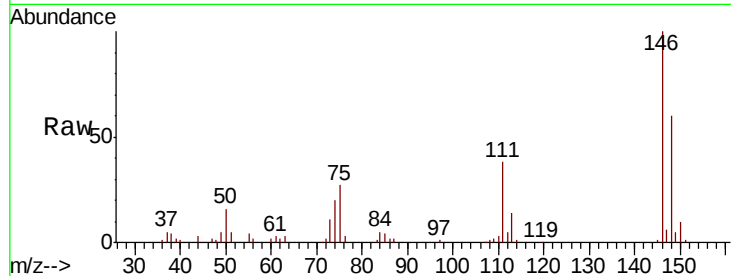




#83
 1,3-Dichlorobenzene
 Concen: 4.795 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

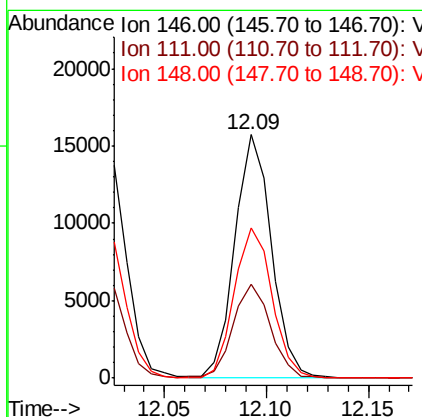
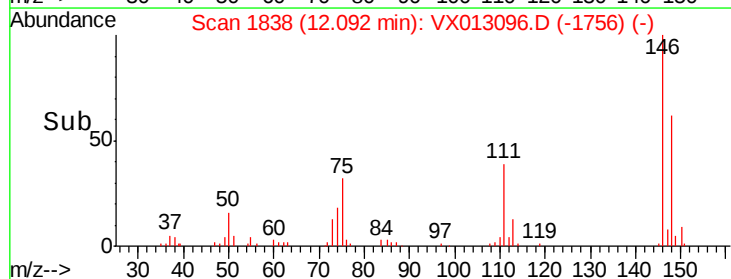
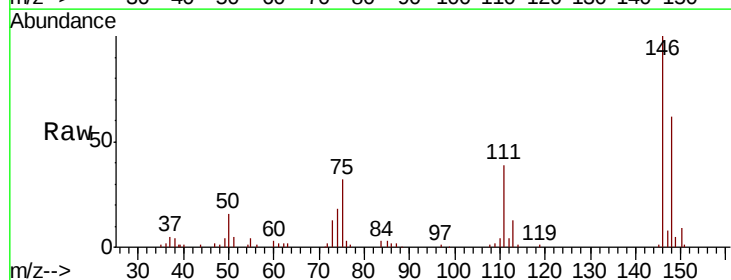
Instrument :
 MSVOA_X
 ClientSampleId :

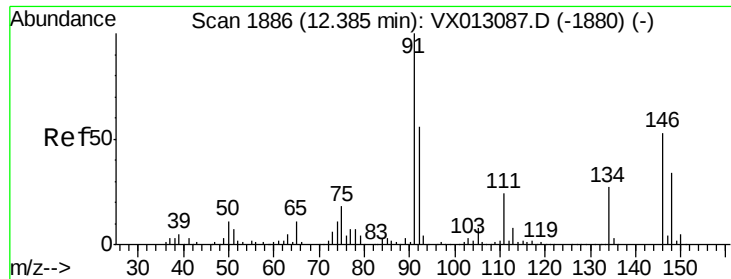
Tot Ion:146 Resp: 19014
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 64.3 30.4 91.2



#84
 1,4-Dichlorobenzene
 Concen: 4.920 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion:146 Resp: 19623
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 63.4 31.9 95.7

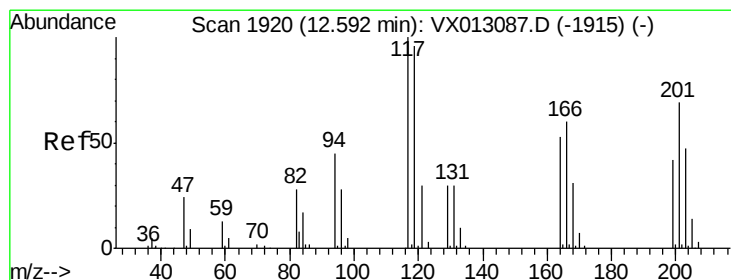
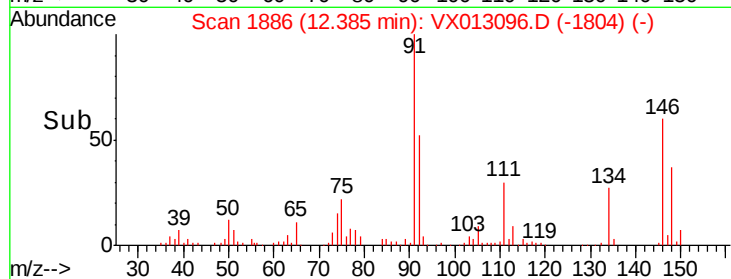
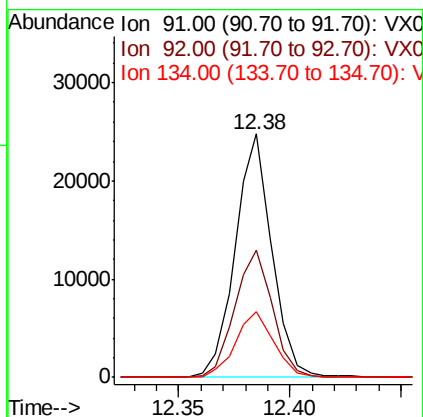
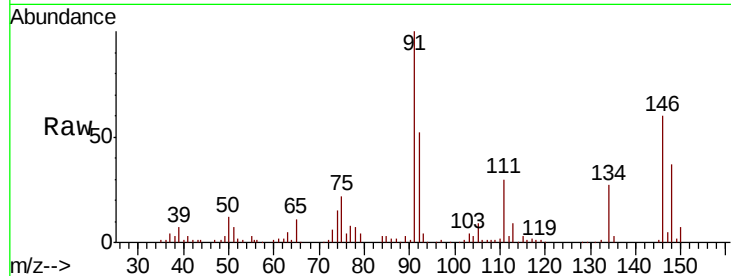




#85
n-Butylbenzene
Concen: 4.119 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

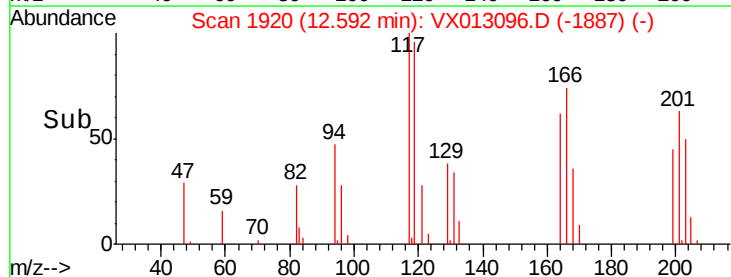
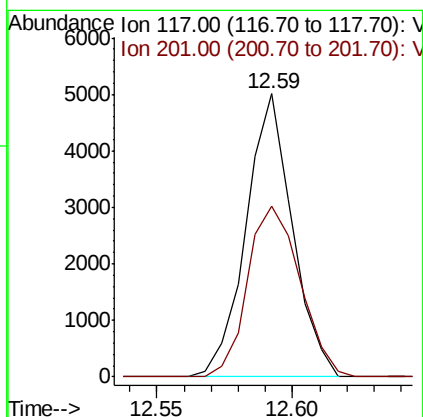
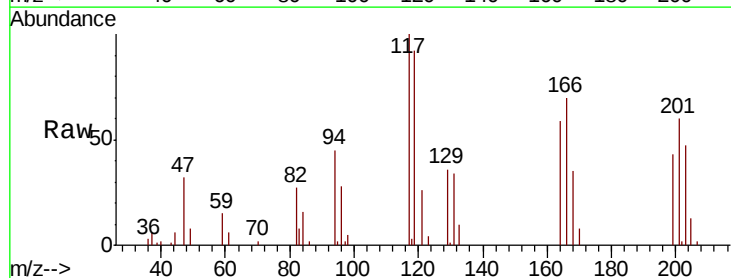
Instrument :
MSVOA_X
ClientSampleId :

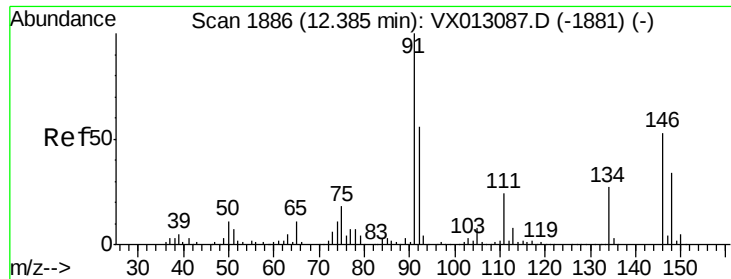
Tot Ion: 91 Resp: 28356
Ion Ratio Lower Upper
91 100
92 53.8 0.0 109.4
134 28.3 0.0 51.6



#86
Hexachloroethane
Concen: 4.230 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion: 117 Resp: 5912
Ion Ratio Lower Upper
117 100
201 68.4 34.2 102.5

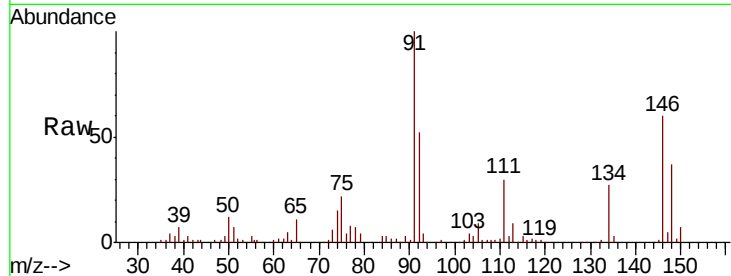




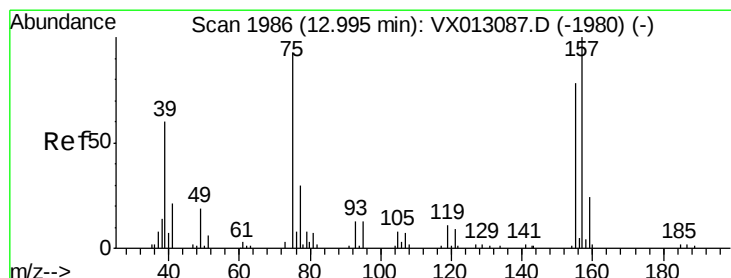
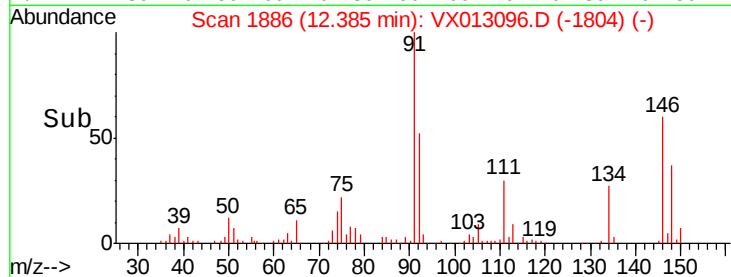
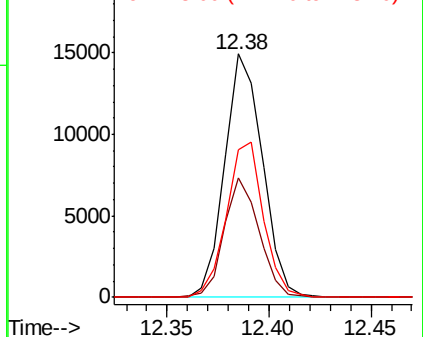
#87
 1,2-Dichlorobenzene
 Concen: 4.894 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 19140
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.3 66.9
 148 62.4 32.7 98.1

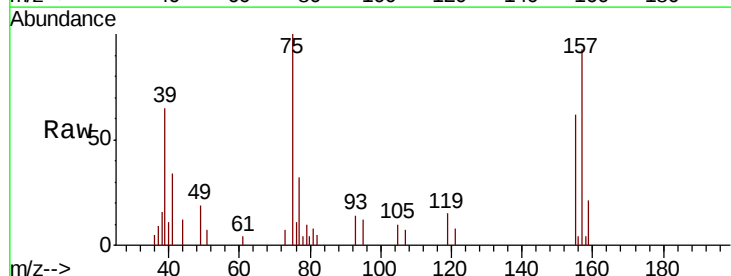


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

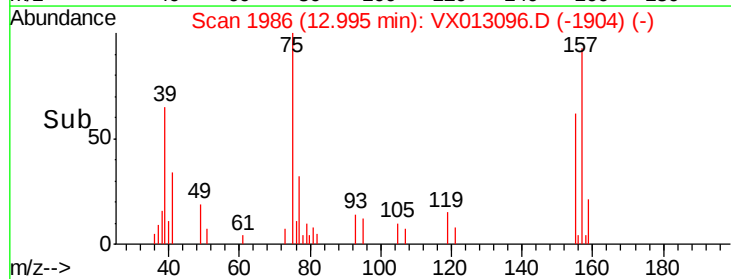
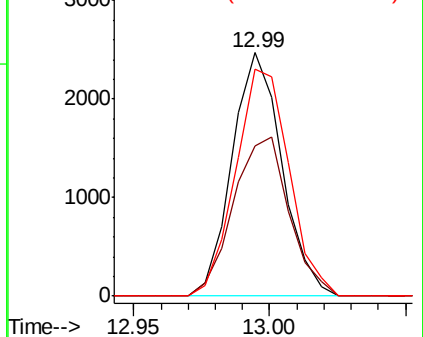


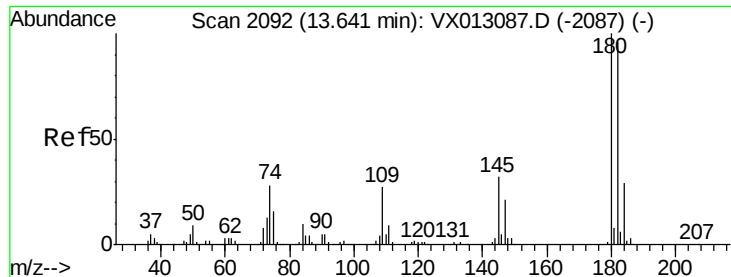
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.586 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013096.D
 Acq: 16 Oct 2019 15:12

Tgt Ion: 75 Resp: 3144
 Ion Ratio Lower Upper
 75 100
 155 72.8 68.4 102.6
 157 99.8 85.6 128.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

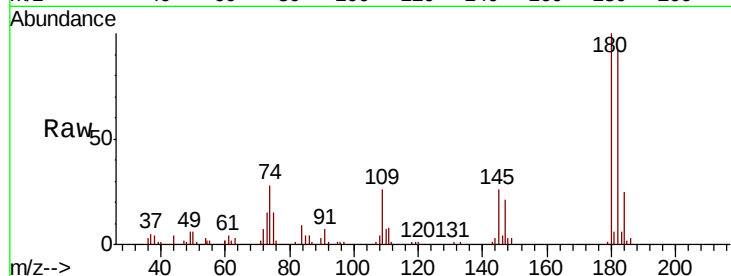




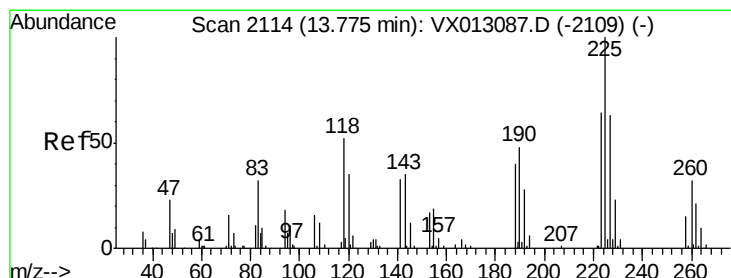
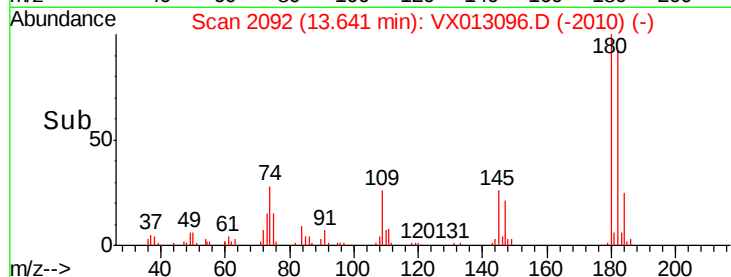
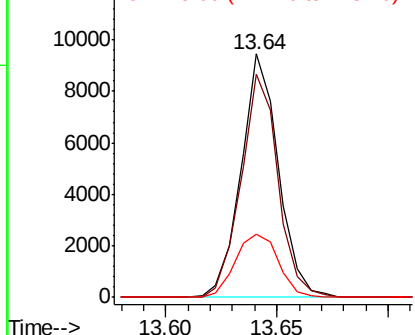
#89
1,2,4-Trichlorobenzene
Concen: 4.540 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:180 Resp: 11080
Ion Ratio Lower Upper
180 100
182 90.5 74.8 112.2
145 29.7 26.2 39.2

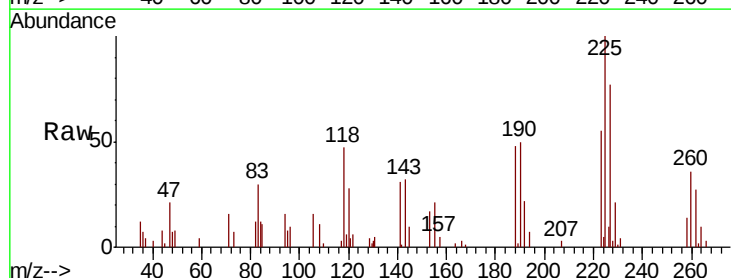


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

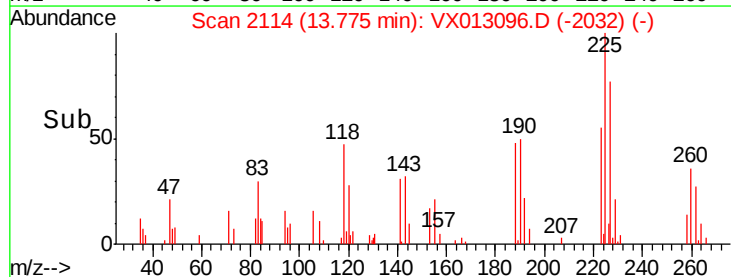
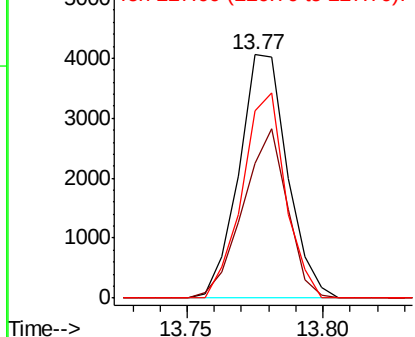


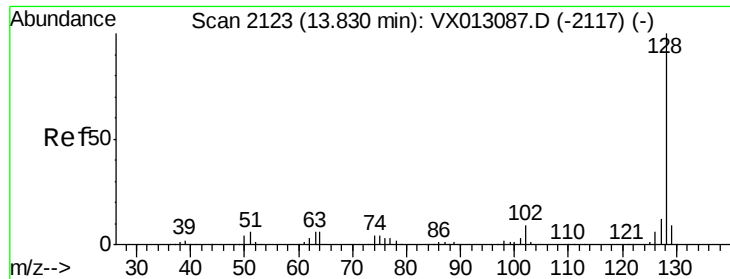
#90
Hexachlorobutadiene
Concen: 4.332 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion:225 Resp: 5017
Ion Ratio Lower Upper
225 100
223 63.5 0.0 132.2
227 75.3 0.0 124.2



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

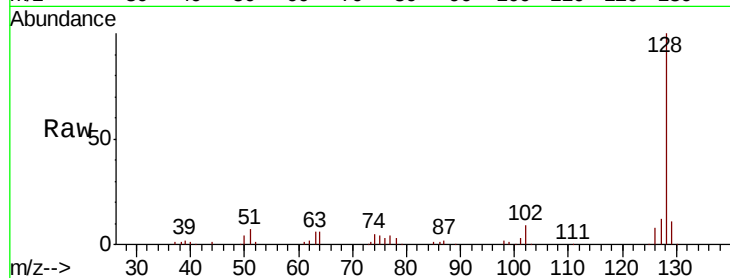




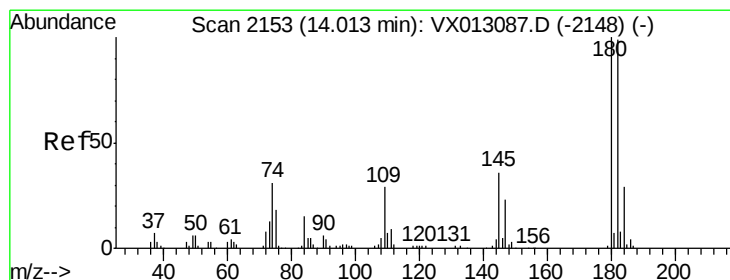
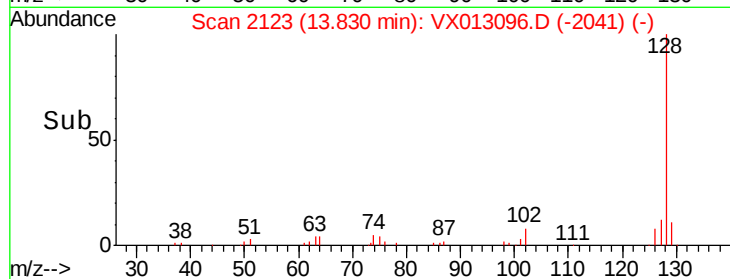
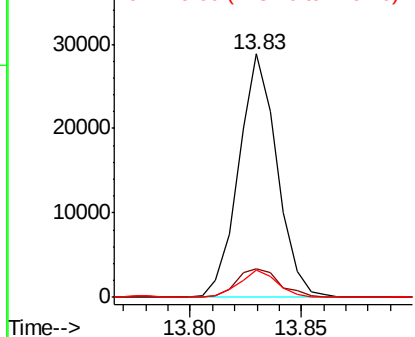
#91
Naphthalene
Concen: 4.165 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 34572
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.8 8.0 12.0

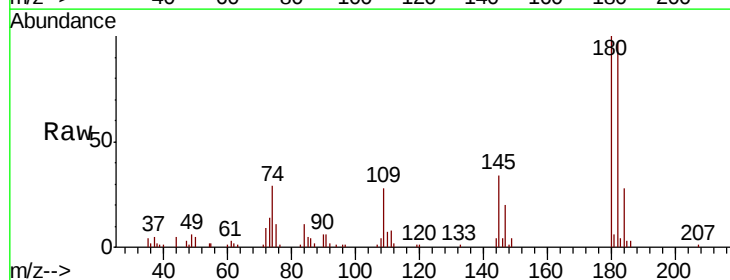


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 4.623 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013096.D
Acq: 16 Oct 2019 15:12

Tgt Ion:180 Resp: 11300
Ion Ratio Lower Upper
180 100
182 94.6 0.0 195.2
145 35.9 0.0 69.8



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

