

Data File : VX013960.D
Acq On : 11 Dec 2019 22:57
Operator : JC/SP
Sample : VX1211WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Quant Time: Dec 12 04:07:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	523161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	803780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	729771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	287895	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.48	113	239642	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	8.71	98	887799	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.14	95	321262	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	96528	16.577	ug/l 100
3) Chloromethane	1.32	50	122032	18.677	ug/l 100
4) Vinyl Chloride	1.40	62	137897	18.751	ug/l 97
5) Bromomethane	1.63	94	102415	20.737	ug/l 98
6) Chloroethane	1.71	64	77274	18.465	ug/l 99
7) Trichlorofluoromethane	1.92	101	149985	18.367	ug/l 100
8) Diethyl Ether	2.18	74	72108	19.518	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91659	18.376	ug/l 99
10) Methyl Iodide	2.50	142	105894	17.550	ug/l 98
11) Tert butyl alcohol	3.04	59	124513	83.067	ug/l 99
12) 1,1-Dichloroethene	2.36	96	91538	18.386	ug/l 95
13) Acrolein	2.28	56	73756	77.813	ug/l 99
14) Allyl chloride	2.72	41	165897	18.361	ug/l 99
15) Acrylonitrile	3.13	53	297731	96.226	ug/l 99
16) Acetone	2.44	43	318027	106.073	ug/l 99
17) Carbon Disulfide	2.56	76	217025	15.291	ug/l 98
18) Methyl Acetate	2.76	43	175268	20.993	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	323767	19.630	ug/l 98
20) Methylene Chloride	2.85	84	114833	19.936	ug/l 96
21) trans-1,2-Dichloroethene	3.15	96	98222	18.109	ug/l 96
22) Diisopropyl ether	3.84	45	362833	20.855	ug/l 96
23) Vinyl Acetate	3.80	43	1406297	97.167	ug/l 100
24) 1,1-Dichloroethane	3.69	63	187597	19.725	ug/l 98
25) 2-Butanone	4.66	43	435583	97.755	ug/l 97
26) 2,2-Dichloropropane	4.58	77	130233	16.550	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	118084	18.958	ug/l 98
28) Bromochloromethane	5.00	49	80428	21.392	ug/l 97
29) Tetrahydrofuran	5.11	42	268980	97.921	ug/l 99
30) Chloroform	5.20	83	189464	19.643	ug/l 100
31) Cyclohexane	5.57	56	157076	17.510	ug/l 94
32) 1,1,1-Trichloroethane	5.48	97	152744	18.950	ug/l 98
36) 1,1-Dichloropropene	5.79	75	134735	18.466	ug/l 100
37) Ethyl Acetate	4.82	43	157192	19.204	ug/l 99
38) Carbon Tetrachloride	5.78	117	126176	18.754	ug/l 98

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Quant Time: Dec 12 04:07:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149493	16.576	ug/l	100
40) Benzene	6.14	78	427835	19.253	ug/l	99
41) Methacrylonitrile	5.03	41	90385	20.135	ug/l	97
42) 1,2-Dichloroethane	6.18	62	149439	19.718	ug/l	98
43) Isopropyl Acetate	6.43	43	257488	19.108	ug/l	99
44) Trichloroethene	7.20	130	114405	18.759	ug/l	99
45) 1,2-Dichloropropane	7.51	63	115115	20.704	ug/l	100
46) Dibromomethane	7.65	93	71666	18.979	ug/l	97
47) Bromodichloromethane	7.89	83	136490	19.120	ug/l	98
48) Methyl methacrylate	7.76	41	126949	19.389	ug/l	99
49) 1,4-Dioxane	7.73	88	49477	337.593	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	847148	99.941	ug/l	99
52) Toluene	8.78	92	270731	19.611	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142159	17.495	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	164633	18.545	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113731	20.443	ug/l	96
56) Ethyl methacrylate	9.17	69	171373	19.160	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190334	19.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	319221	91.028	ug/l	100
59) 2-Hexanone	9.49	43	627100	94.856	ug/l	99
60) Dibromochloromethane	9.57	129	108889	18.860	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113566	19.113	ug/l	100
64) Tetrachloroethene	9.33	164	108186	19.879	ug/l	97
65) Chlorobenzene	10.14	112	289107	19.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	106911	19.650	ug/l	99
67) Ethyl Benzene	10.25	91	497693	19.115	ug/l	98
68) m/p-Xylenes	10.35	106	381268	38.249	ug/l	99
69) o-Xylene	10.70	106	189202	19.461	ug/l	99
70) Styrene	10.71	104	311843	19.068	ug/l	99
71) Bromoform	10.85	173	81342	18.069	ug/l	100
73) Isopropylbenzene	11.01	105	492641	19.851	ug/l	99
74) N-amyl acetate	10.89	43	218936	19.258	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	177930	20.674	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	187064	23.508	ug/l	88
77) Bromobenzene	11.25	156	131457	19.608	ug/l	99
78) n-propylbenzene	11.35	91	543626	19.623	ug/l	100
79) 2-Chlorotoluene	11.42	91	332400	20.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	407758	20.047	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46948	16.141	ug/l	94
82) 4-Chlorotoluene	11.51	91	377781	19.627	ug/l	97
83) tert-Butylbenzene	11.76	119	412780	19.969	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	411440	19.931	ug/l	100
85) sec-Butylbenzene	11.94	105	463290	19.622	ug/l	100
86) p-Isopropyltoluene	12.06	119	421277	19.179	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222929	19.075	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	220158	18.495	ug/l	98
89) n-Butylbenzene	12.38	91	342646	18.290	ug/l	100
90) Hexachloroethane	12.59	117	73049	18.399	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	228760	19.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35625	19.008	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\
Quantitation Report (Not Reviewed)

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VX1211WBSD02

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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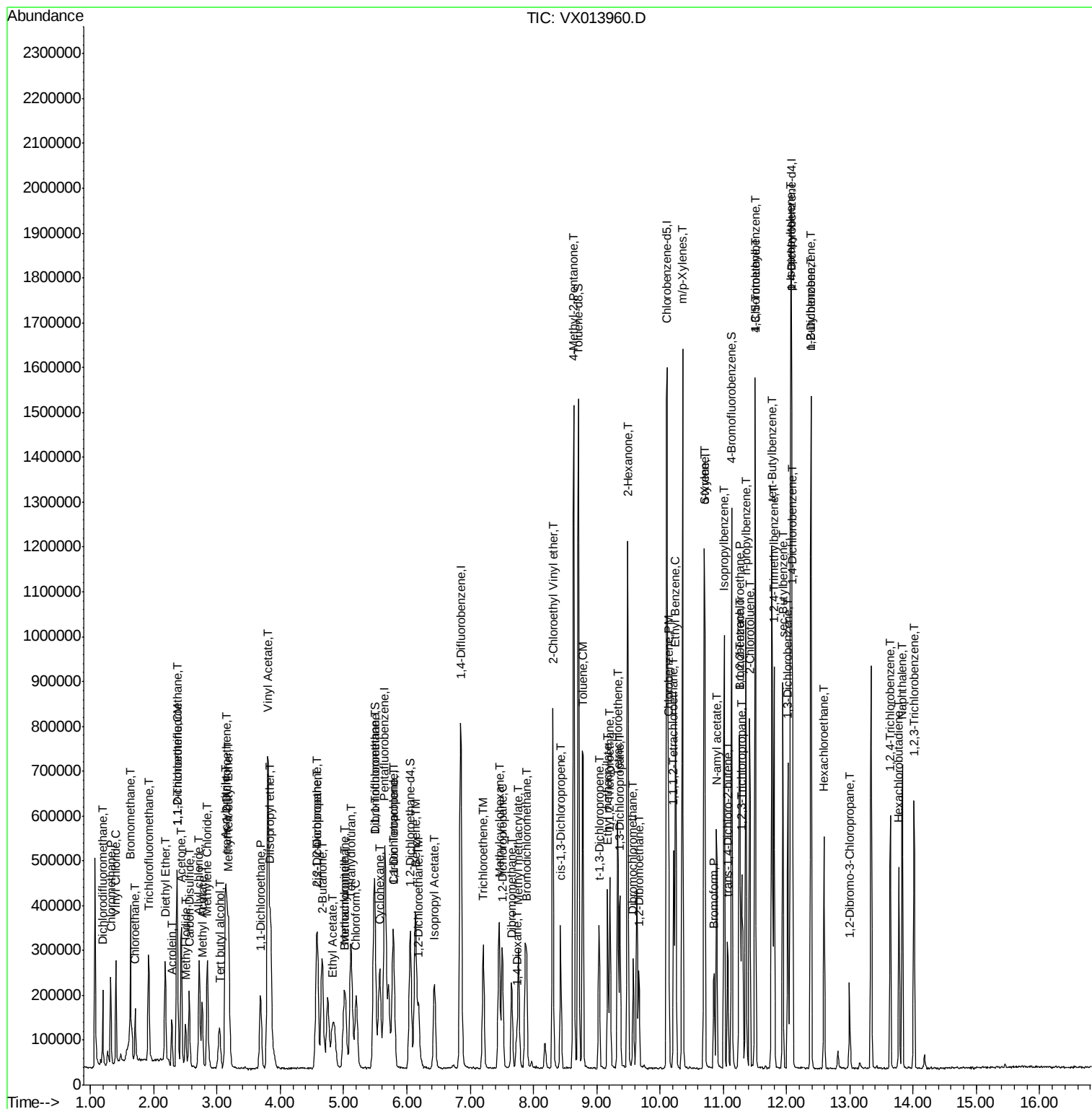
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142006	17.646	ug/l	99
94) Hexachlorobutadiene	13.77	225	71256	18.432	ug/l	98
95) Naphthalene	13.83	128	426733	17.806	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	146939	18.441	ug/l	99

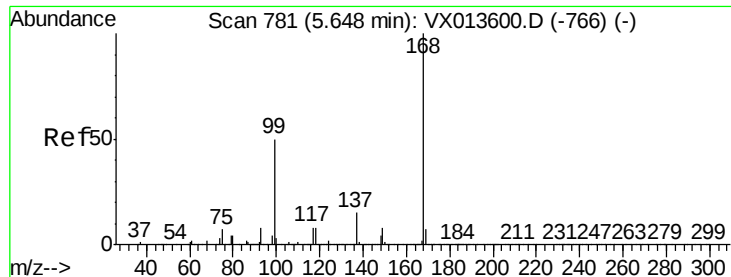
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

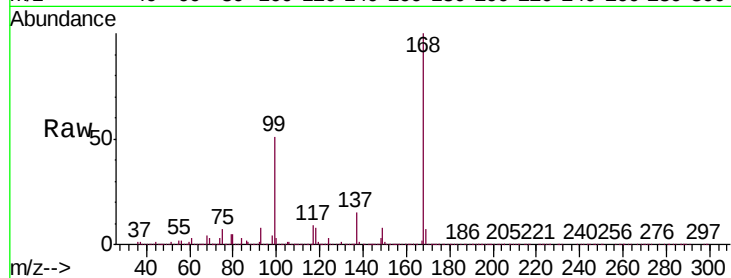
VX1211WBSD02

Tgt Ion:168 Resp: 523161

Ion Ratio Lower Upper

168 100

99 51.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

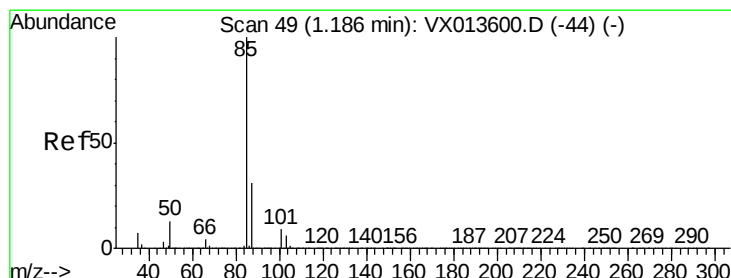
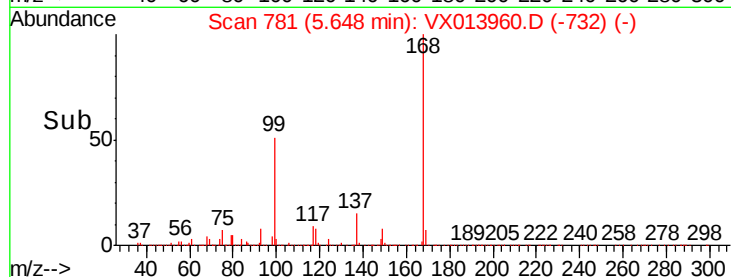
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.577 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013960.D

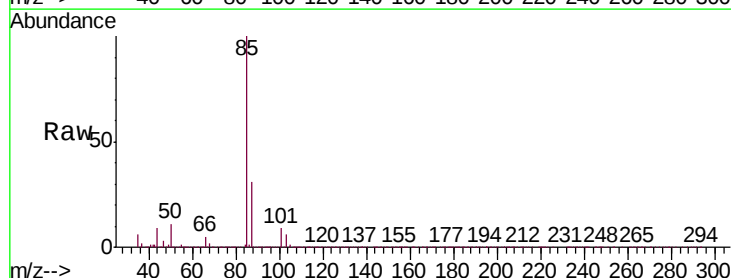
Acq: 11 Dec 2019 22:57

Tgt Ion: 85 Resp: 96528

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

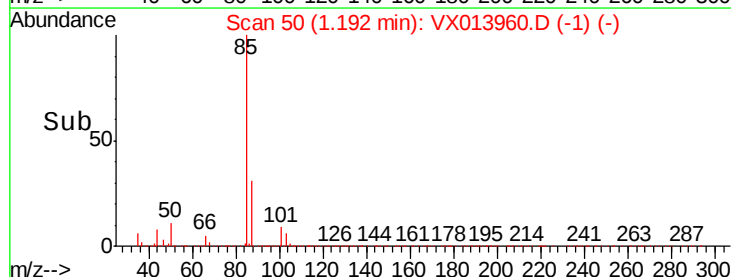
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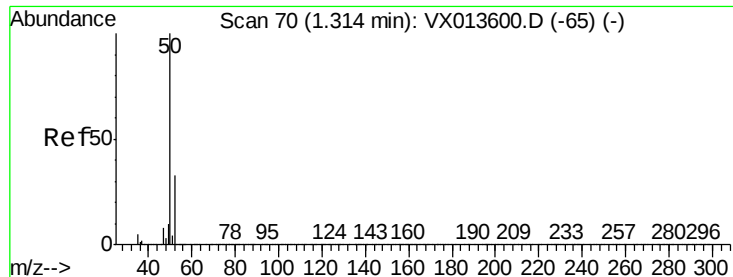
20000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.677 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

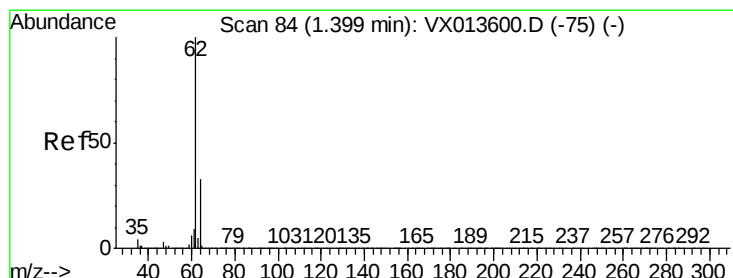
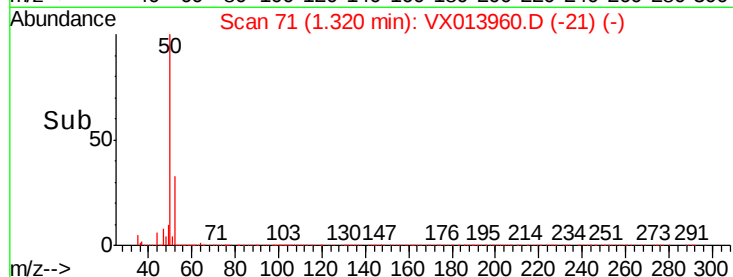
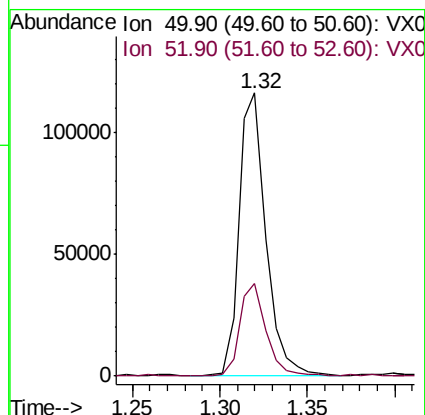
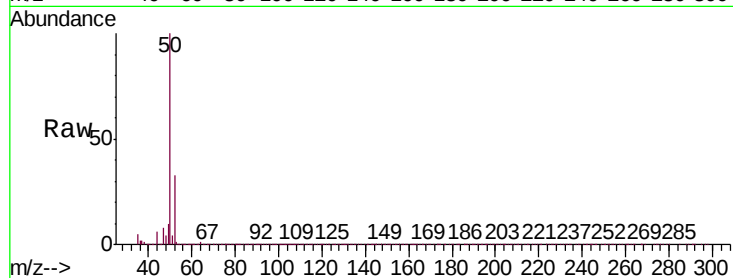
VX1211WBSD02

Tgt Ion: 50 Resp: 122032

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 18.751 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013960.D

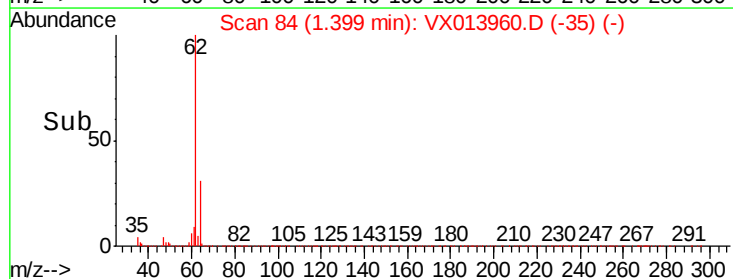
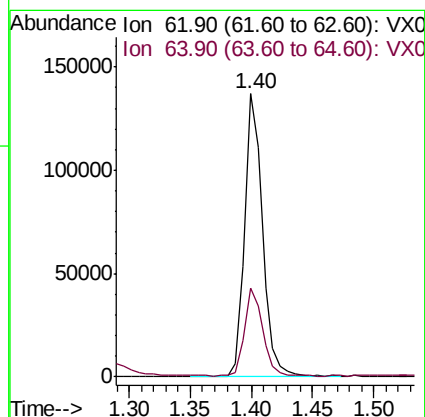
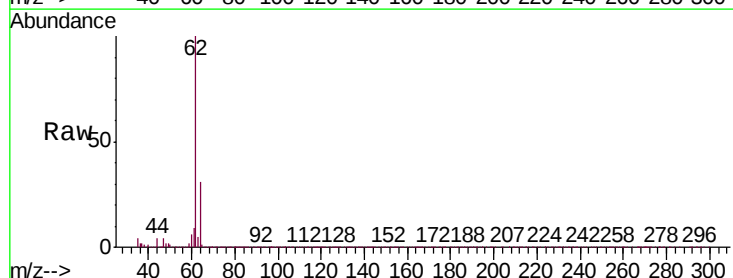
Acq: 11 Dec 2019 22:57

Tgt Ion: 62 Resp: 137897

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





#5

Bromomethane

Concen: 20.737 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

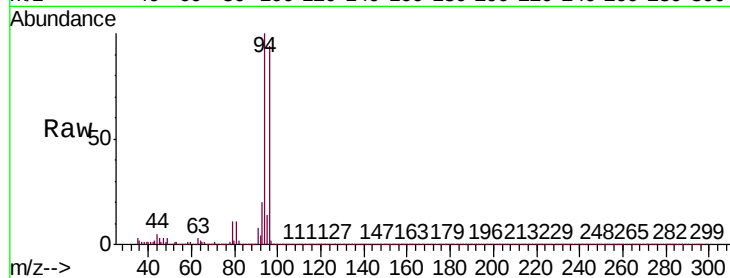
VX1211WBSD02

Tgt Ion: 94 Resp: 102415

Ion Ratio Lower Upper

94 100

96 93.8 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

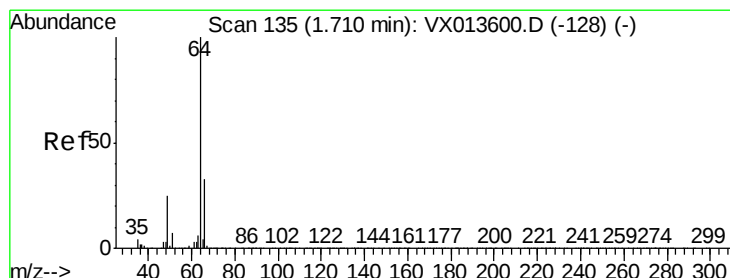
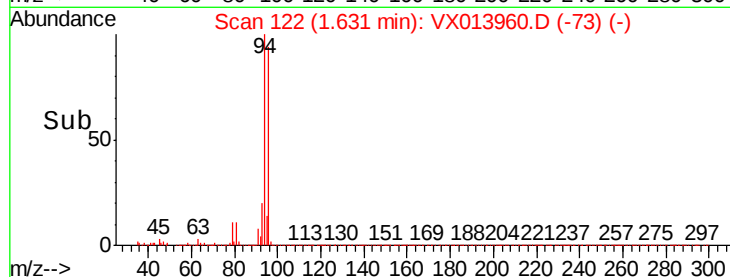
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.465 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013960.D

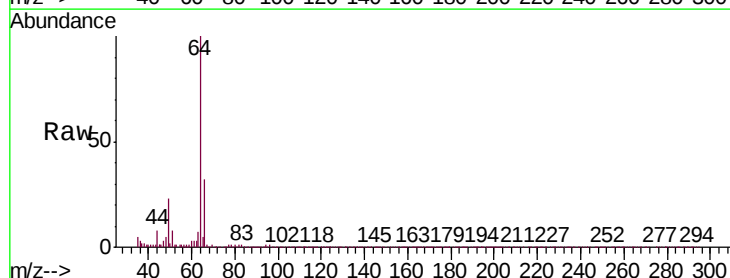
Acq: 11 Dec 2019 22:57

Tgt Ion: 64 Resp: 77274

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

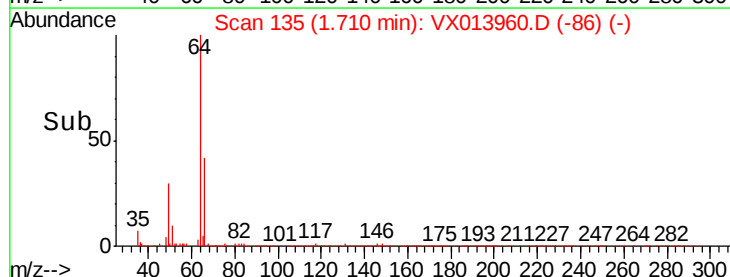
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40000

20000

0

Time--> 1.65 1.70 1.75



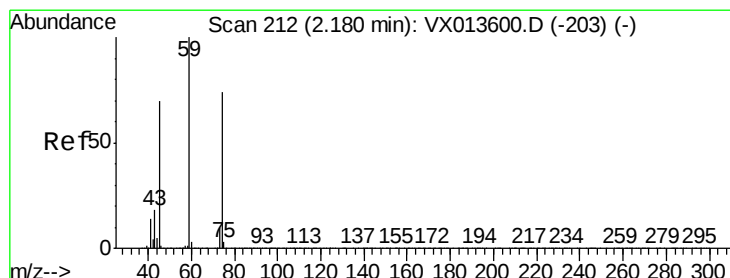
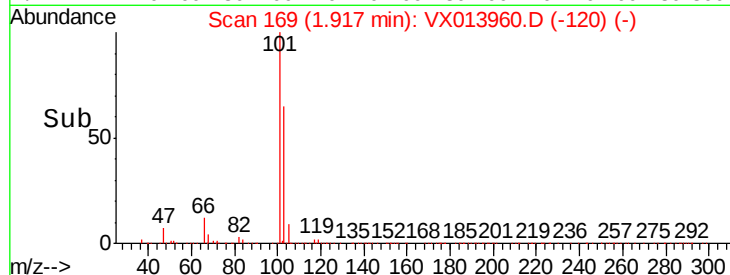
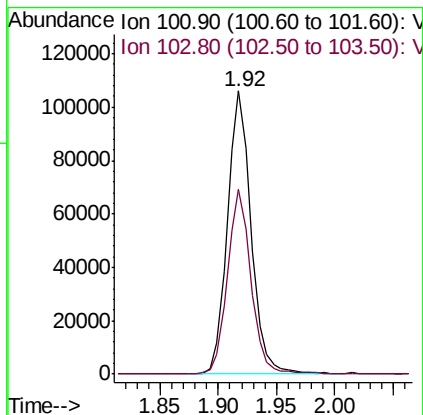
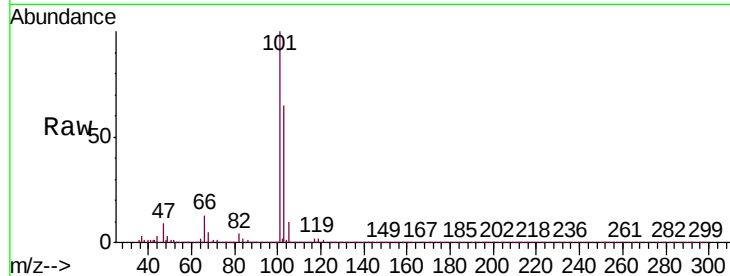


#7

Trichlorofluoromethane
Concen: 18.367 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013960.D
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MSVOA_X
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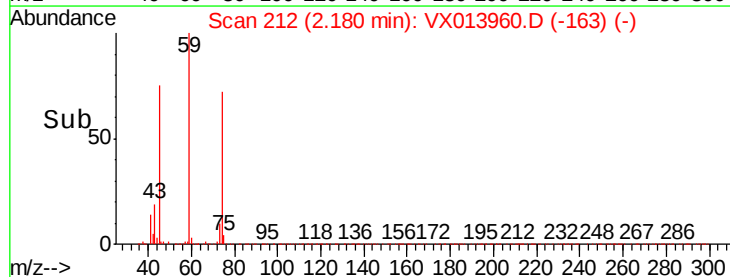
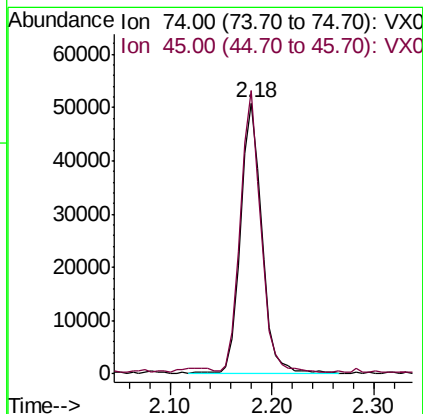
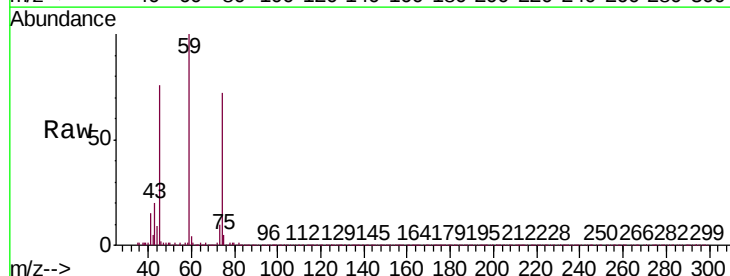
Tgt Ion: 101 Resp: 149985
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

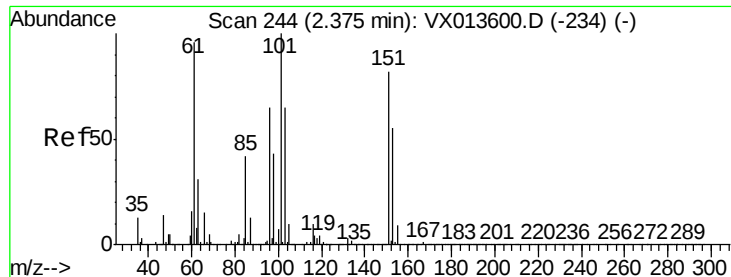


#8

Diethyl Ether
Concen: 19.518 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion: 74 Resp: 72108
Ion Ratio Lower Upper
74 100
45 101.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.376 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

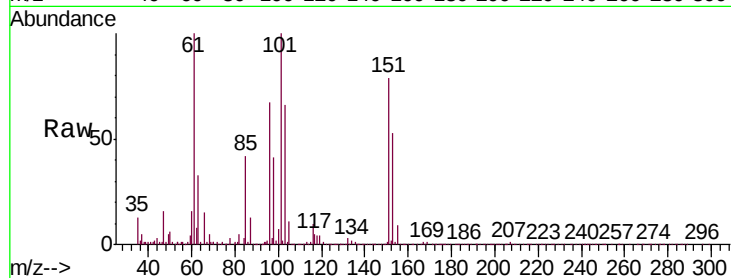
Tgt Ion:101 Resp: 91659

Ion Ratio Lower Upper

101 100

85 41.3 33.9 50.9

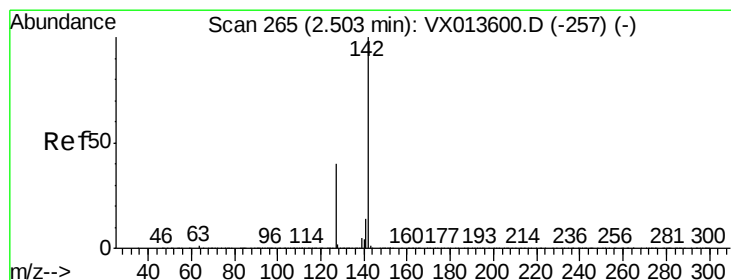
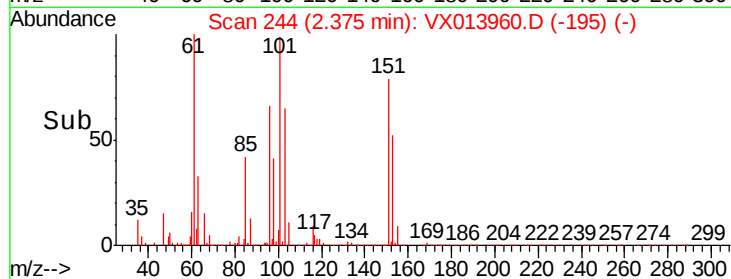
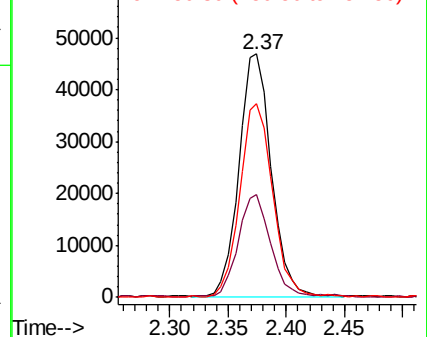
151 81.2 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.550 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

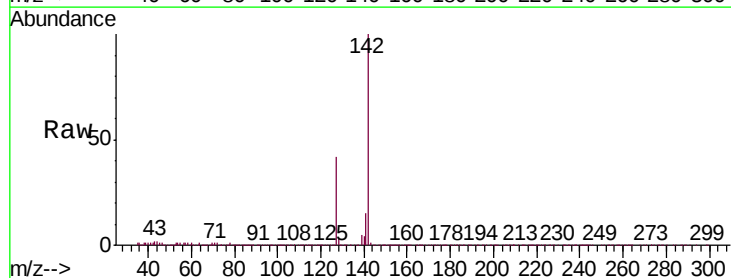
Tgt Ion:142 Resp: 105894

Ion Ratio Lower Upper

142 100

127 40.4 31.0 46.4

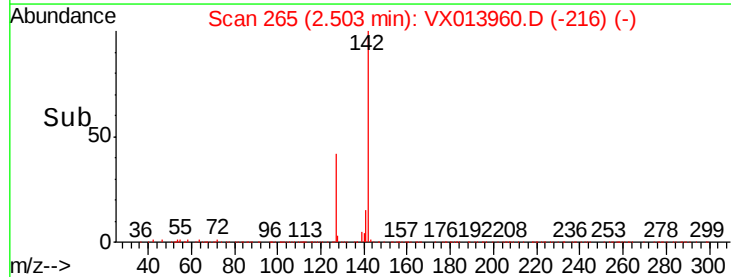
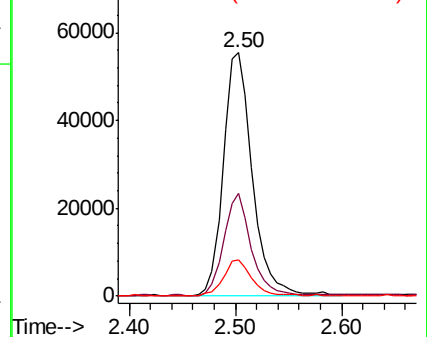
141 14.3 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



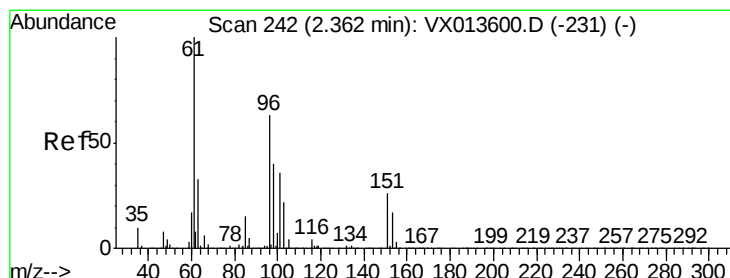
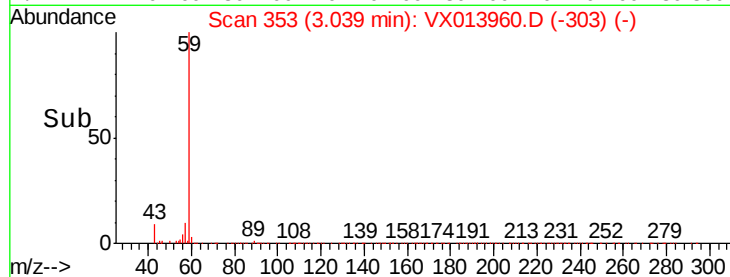
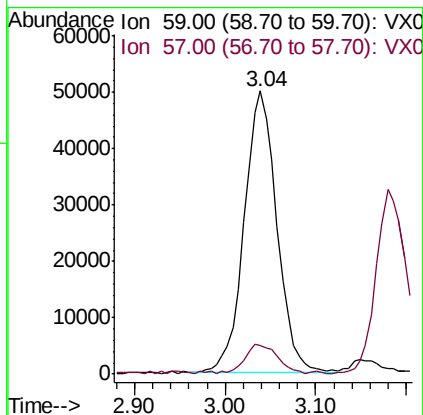
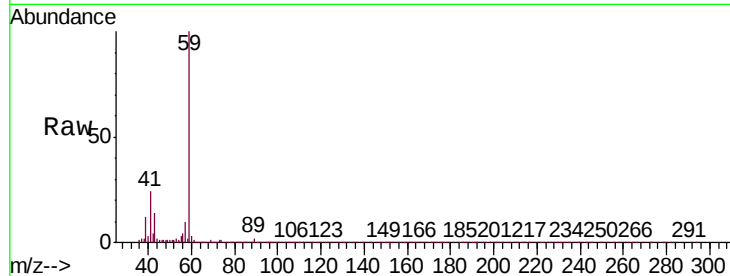


#11

Tert butyl alcohol
 Concen: 83.067 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

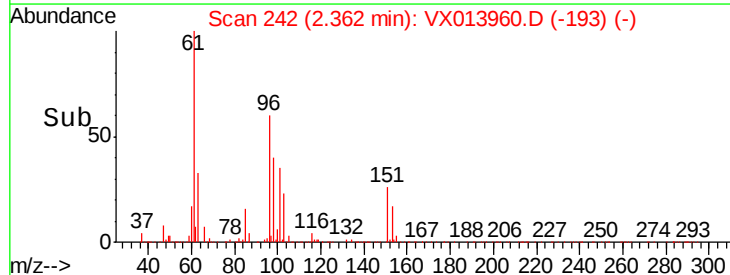
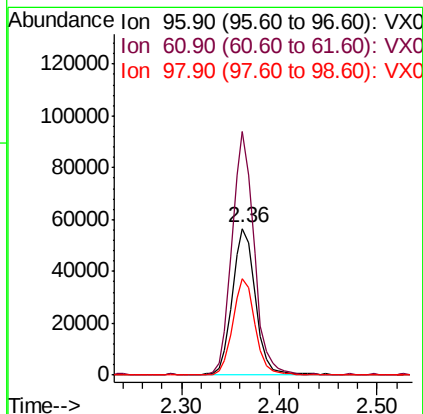
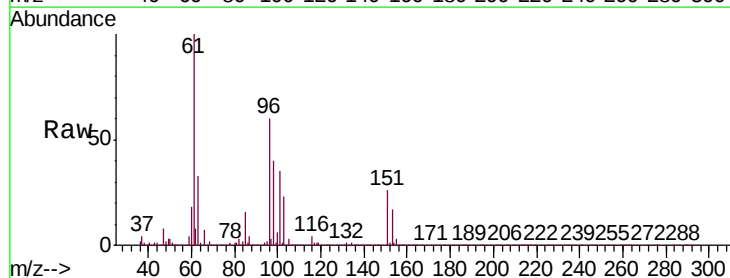
Tgt Ion: 59 Resp: 124513
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

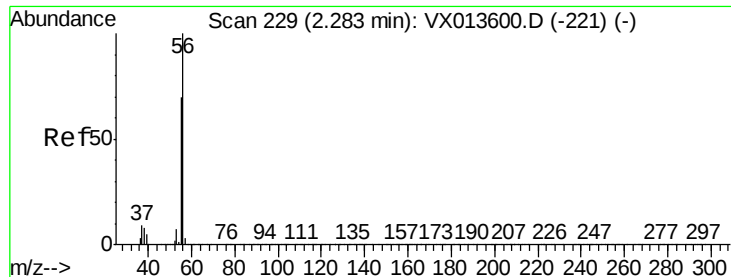


#12

1,1-Dichloroethene
 Concen: 18.386 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion: 96 Resp: 91538
 Ion Ratio Lower Upper
 96 100
 61 165.7 126.6 190.0
 98 65.8 50.6 76.0





#13

Acrolein

Concen: 77.813 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

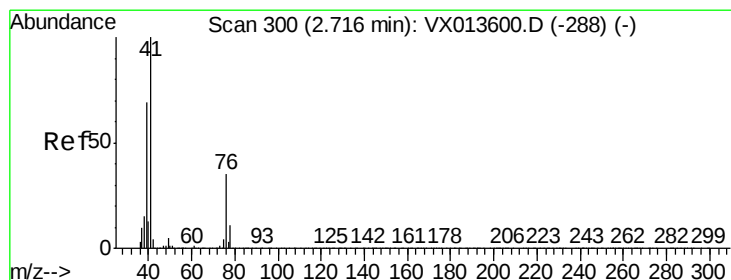
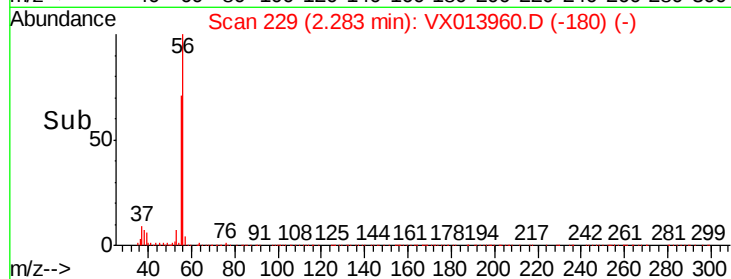
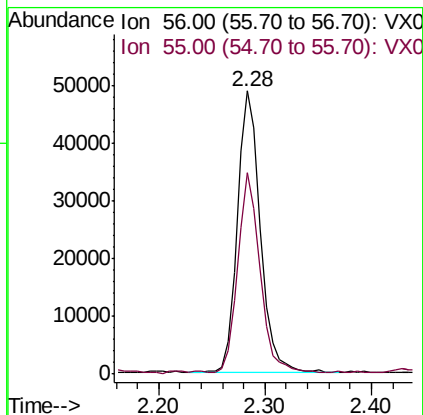
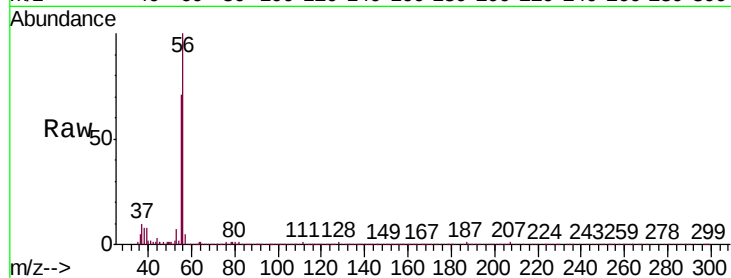
VX1211WBSD02

Tgt Ion: 56 Resp: 73756

Ion Ratio Lower Upper

56 100

55 69.5 56.2 84.4



#14

Allyl chloride

Concen: 18.361 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

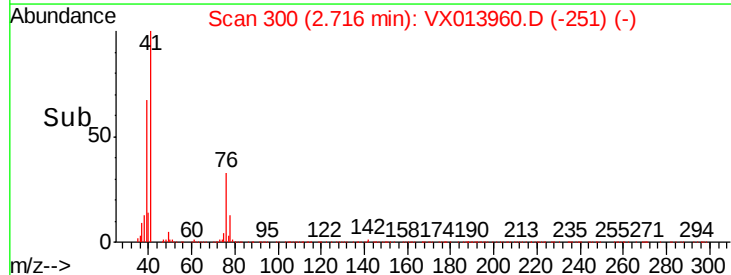
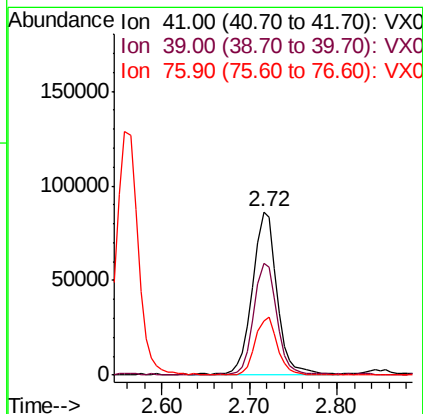
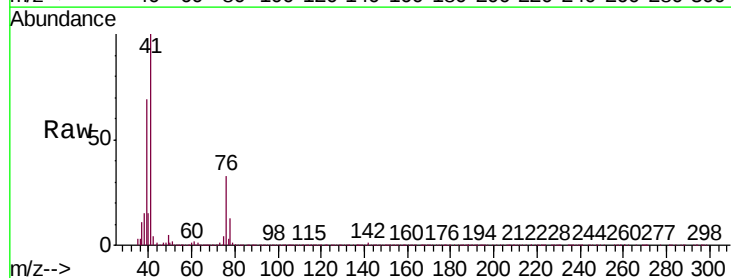
Tgt Ion: 41 Resp: 165897

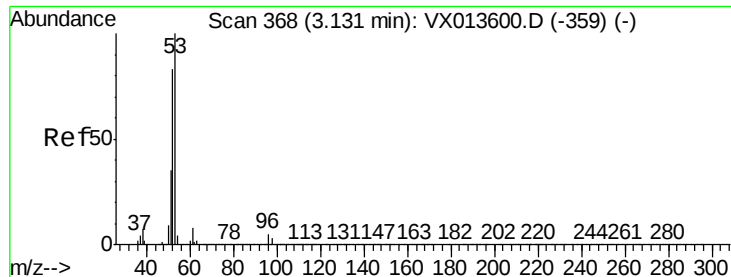
Ion Ratio Lower Upper

41 100

39 65.9 51.7 77.5

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 96.226 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

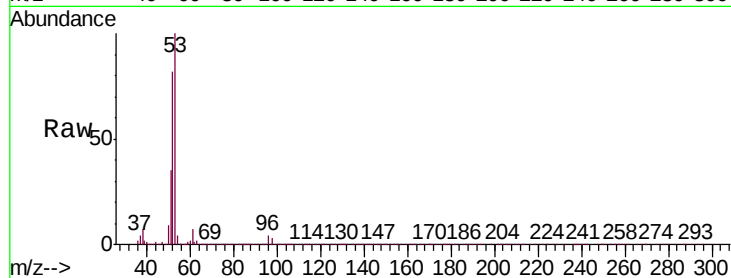
Tgt Ion: 53 Resp: 297731

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.2

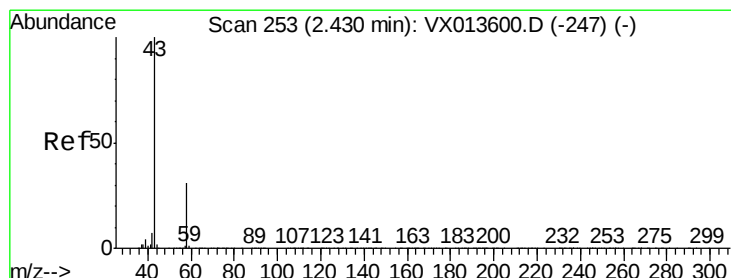
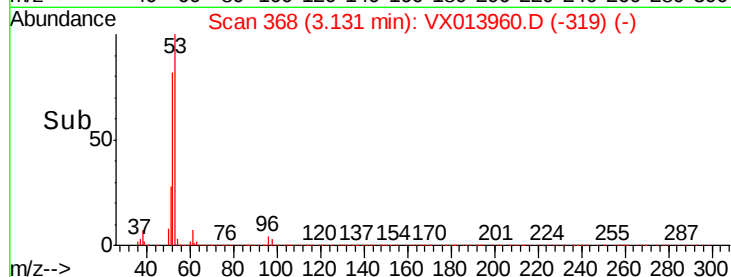
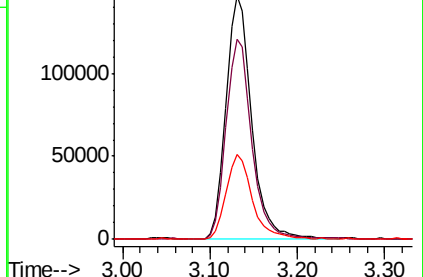
51 35.3 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 106.073 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013960.D

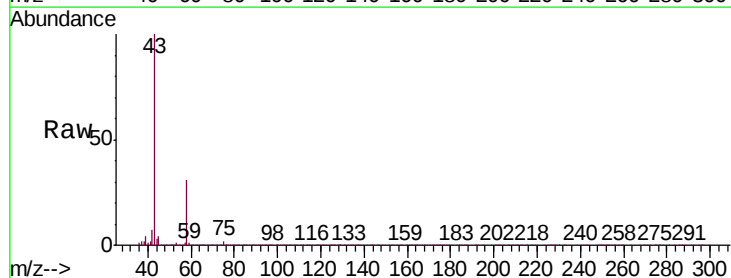
Acq: 11 Dec 2019 22:57

Tgt Ion: 43 Resp: 318027

Ion Ratio Lower Upper

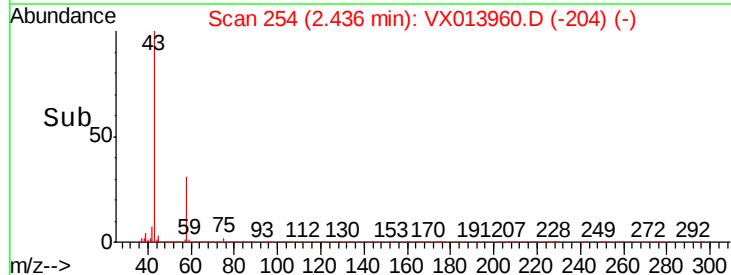
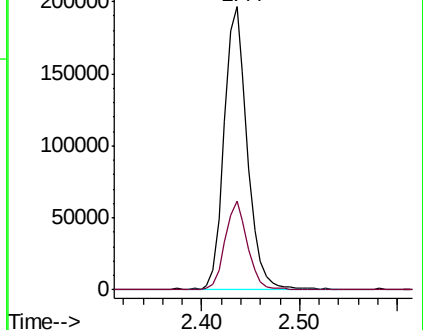
43 100

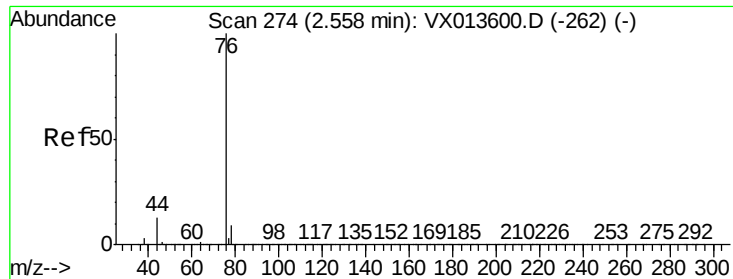
58 31.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

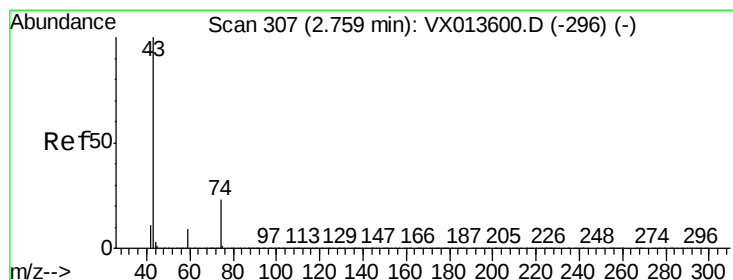
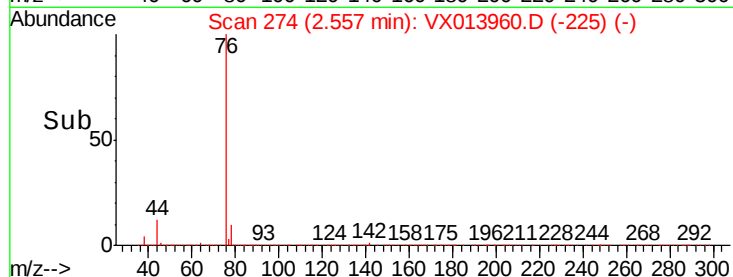
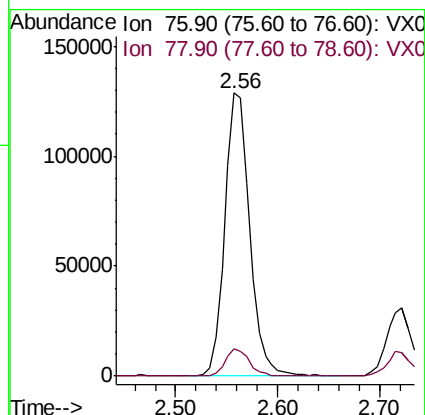
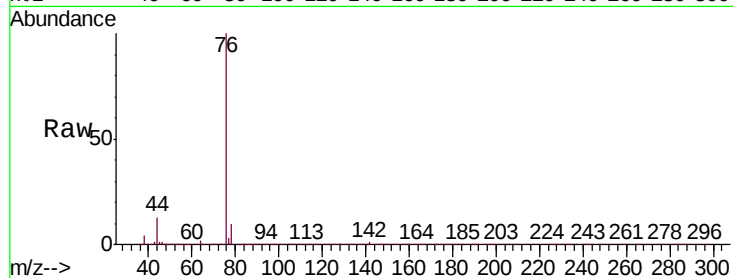




#17
Carbon Disulfide
Concen: 15.291 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

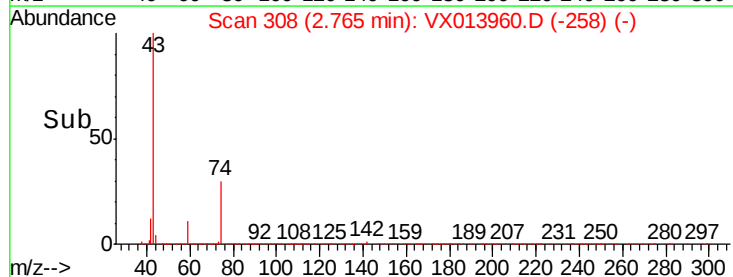
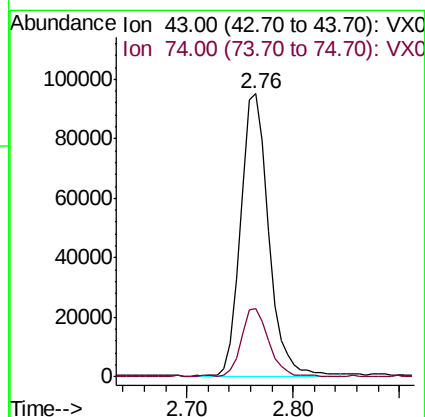
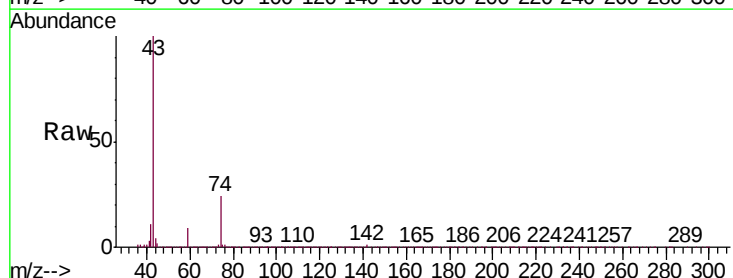
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion: 76 Resp: 217025
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 20.993 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion: 43 Resp: 175268
Ion Ratio Lower Upper
43 100
74 23.5 19.5 29.3



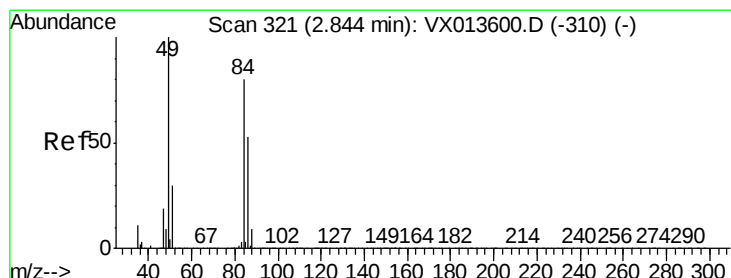
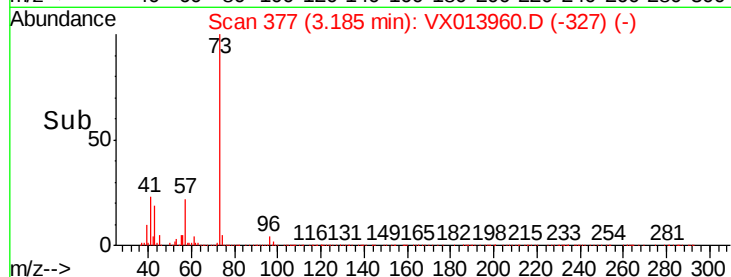
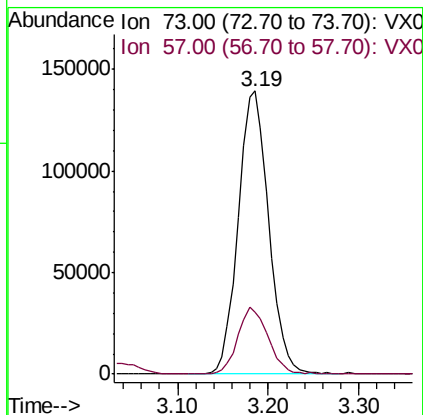
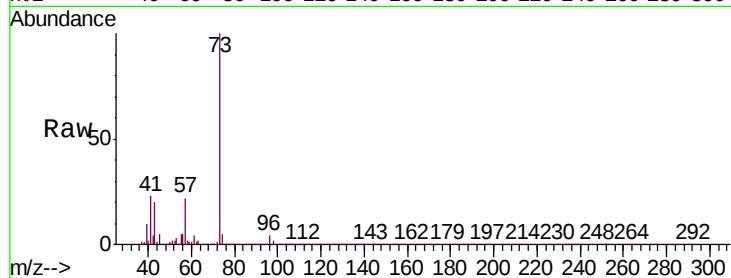


#19

Methyl tert-butyl Ether
 Concen: 19.630 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

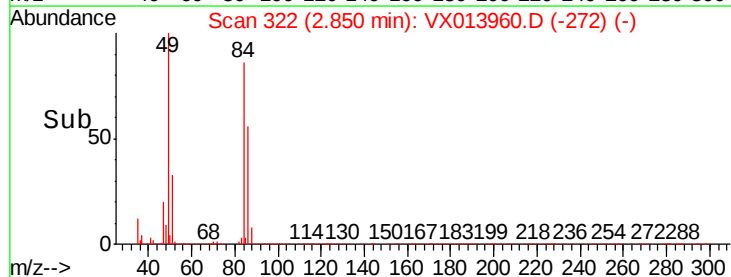
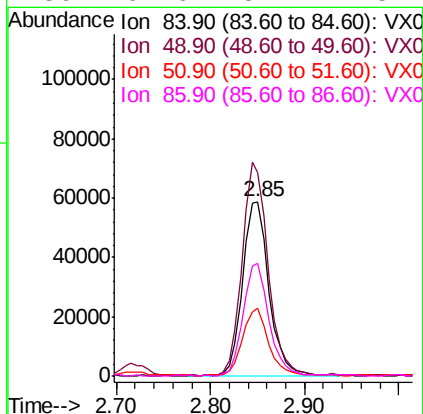
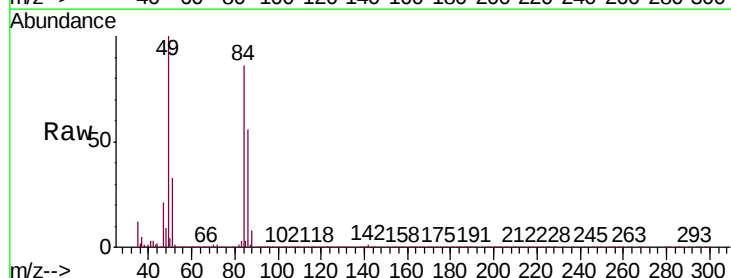
Tgt Ion: 73 Resp: 323767
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.3 27.5

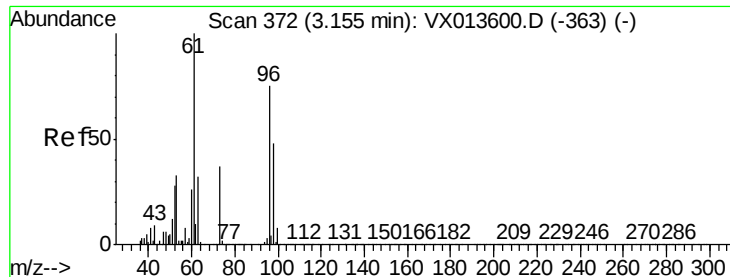


#20

Methylene Chloride
 Concen: 19.936 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion: 84 Resp: 114833
 Ion Ratio Lower Upper
 84 100
 49 116.6 99.7 149.5
 51 38.3 29.9 44.9
 86 64.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.109 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

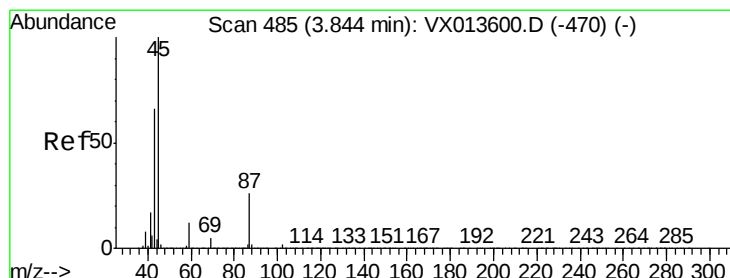
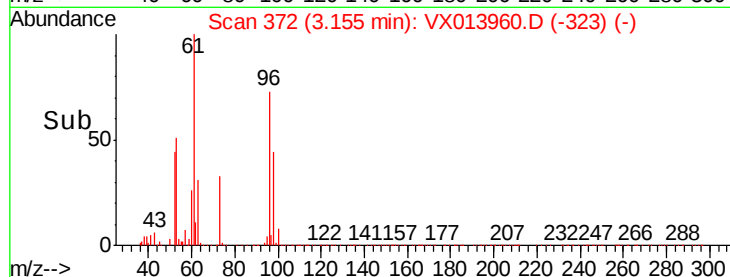
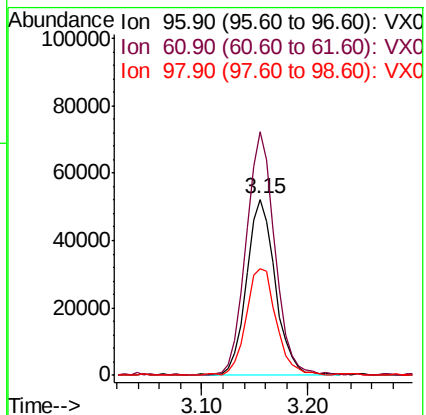
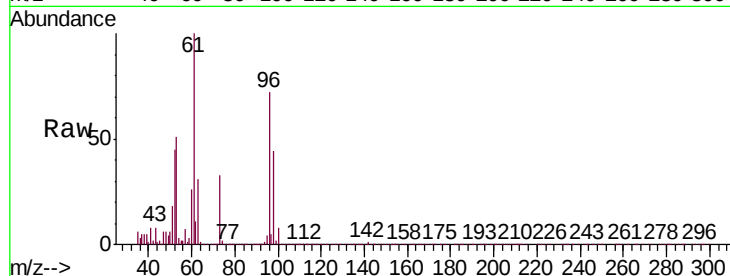
Tgt Ion: 96 Resp: 98222

Ion Ratio Lower Upper

96 100

61 138.2 107.2 160.8

98 60.9 51.4 77.0



#22

Diisopropyl ether

Concen: 20.855 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Tgt Ion: 45 Resp: 362833

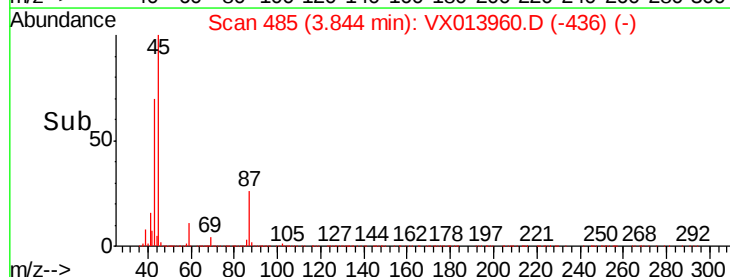
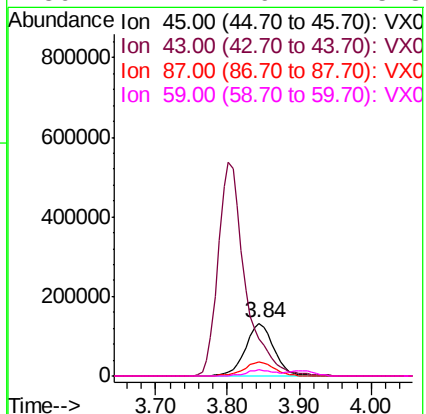
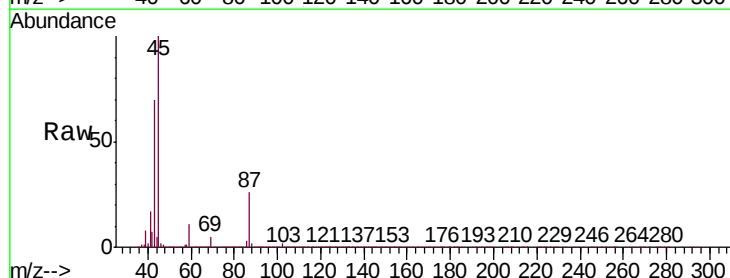
Ion Ratio Lower Upper

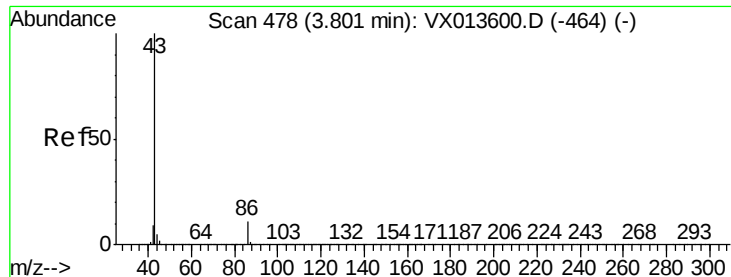
45 100

43 70.4 52.6 79.0

87 25.7 21.1 31.7

59 11.2 9.2 13.8





#23

Vinyl Acetate

Concen: 97.167 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

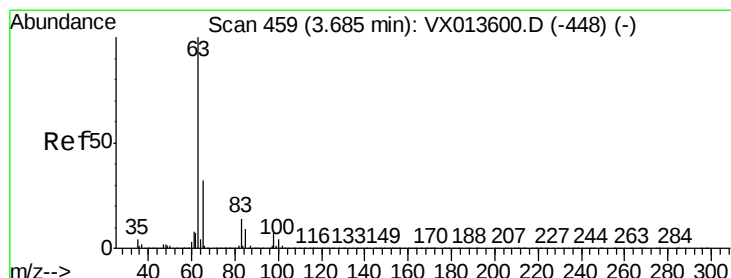
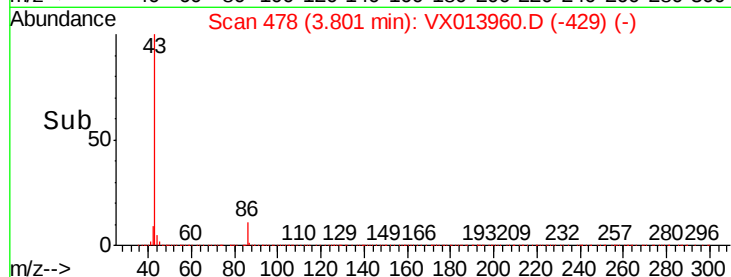
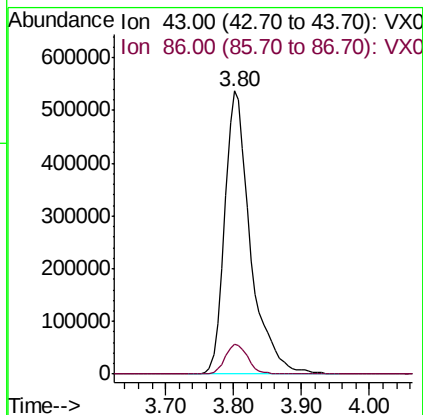
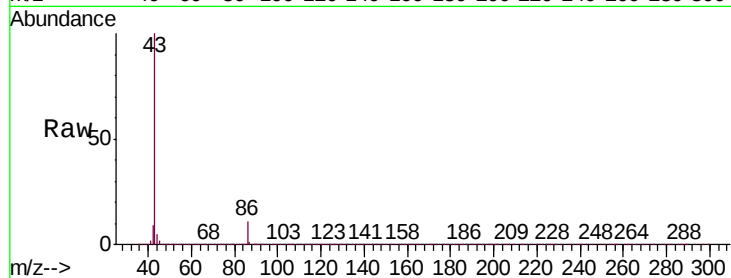
VX1211WBSD02

Tgt Ion: 43 Resp: 1406297

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.725 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

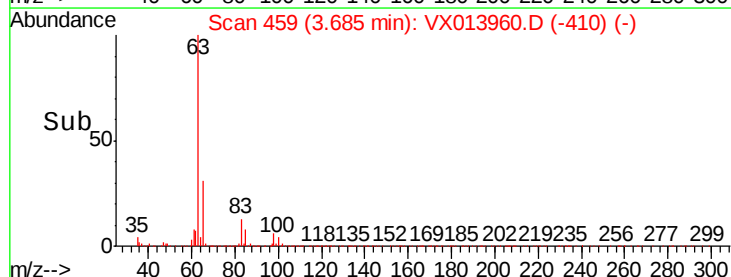
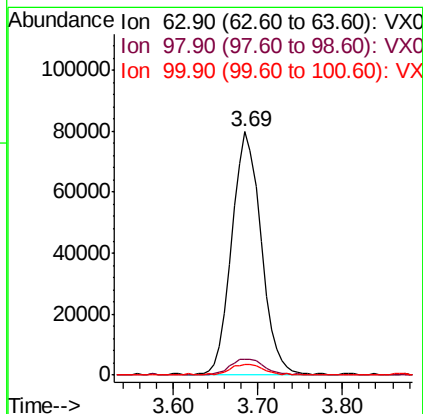
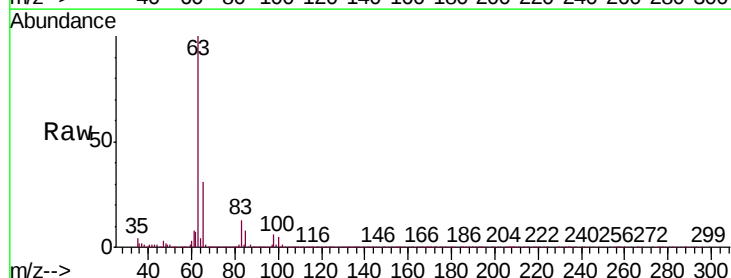
Tgt Ion: 63 Resp: 187597

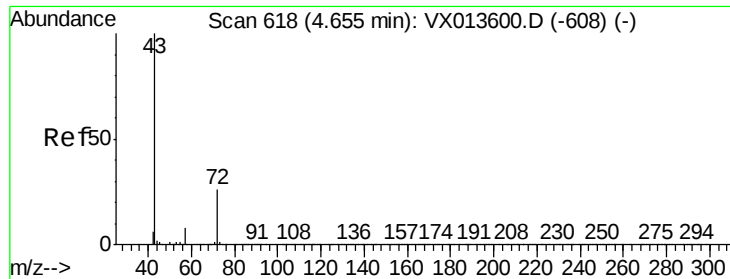
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 97.755 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

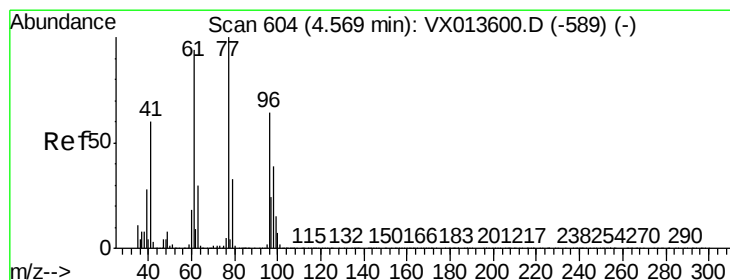
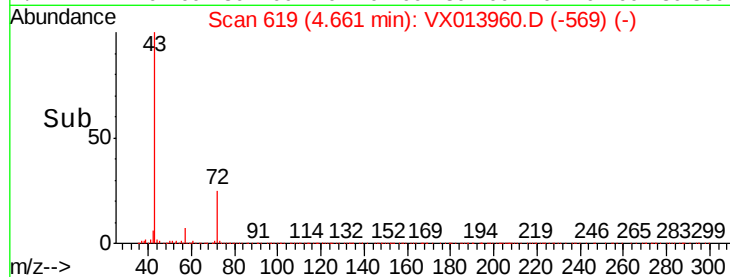
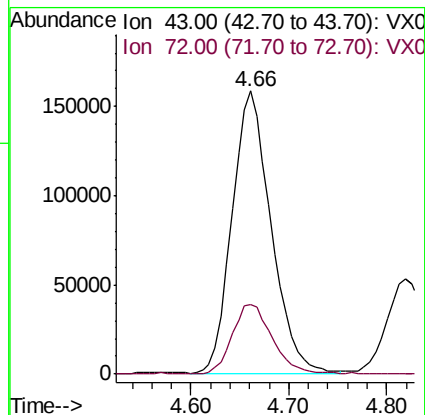
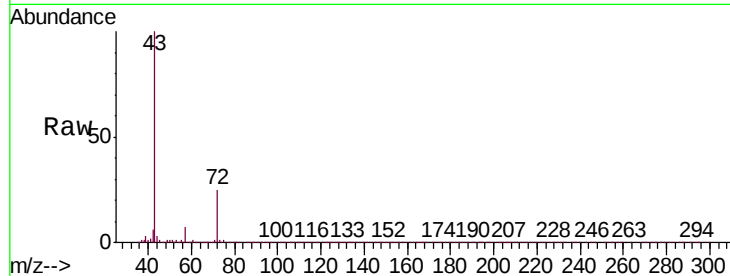
VX1211WBSD02

Tgt Ion: 43 Resp: 435583

Ion Ratio Lower Upper

43 100

72 24.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 16.550 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013960.D

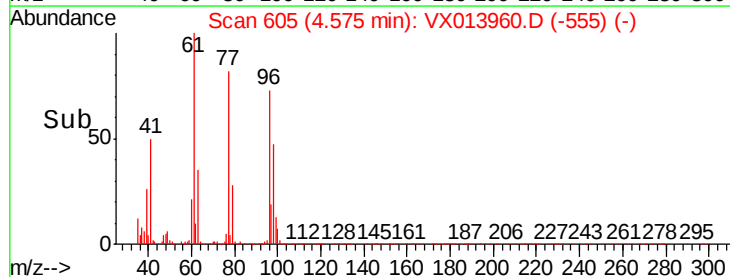
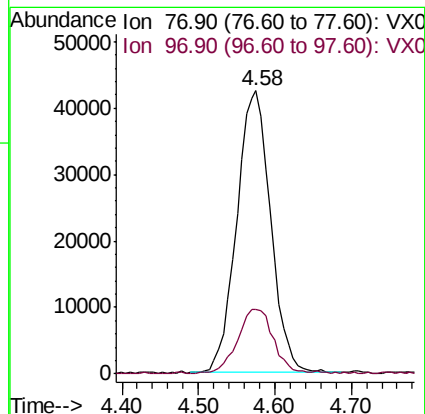
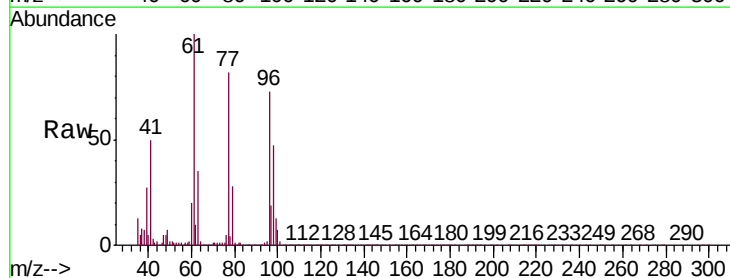
Acq: 11 Dec 2019 22:57

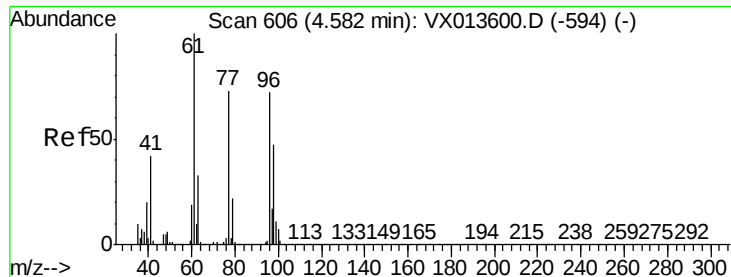
Tgt Ion: 77 Resp: 130233

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1



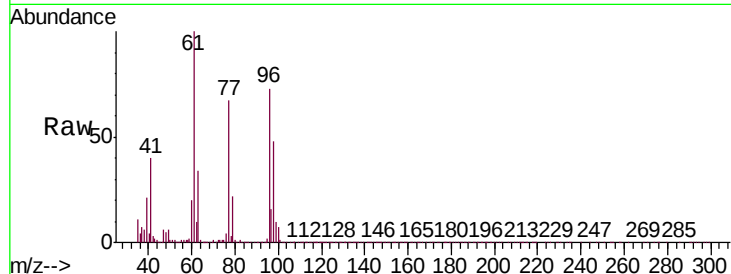


#27

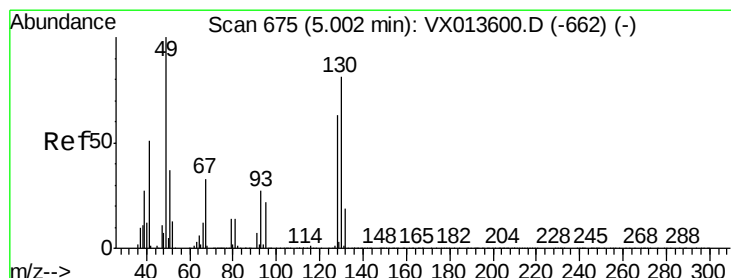
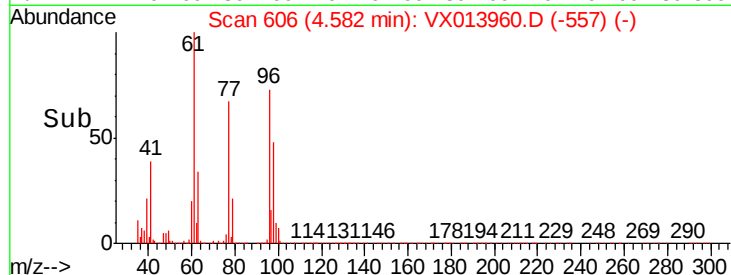
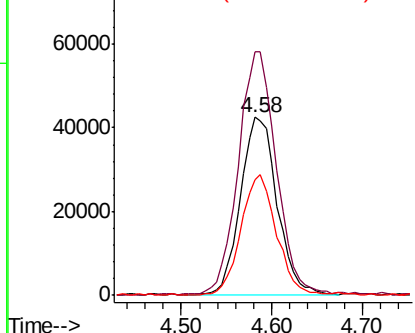
cis-1,2-Dichloroethene
 Concen: 18.958 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

Tgt Ion: 96 Resp: 118084
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 286.4
 98 66.2 0.0 127.4



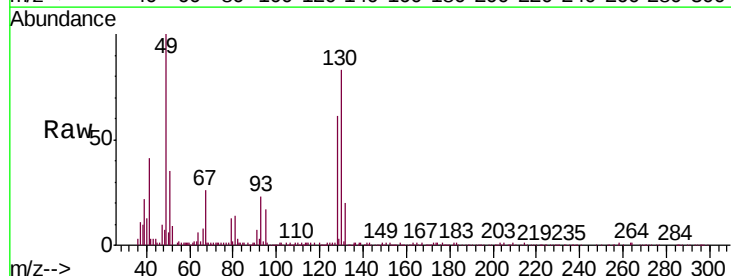
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



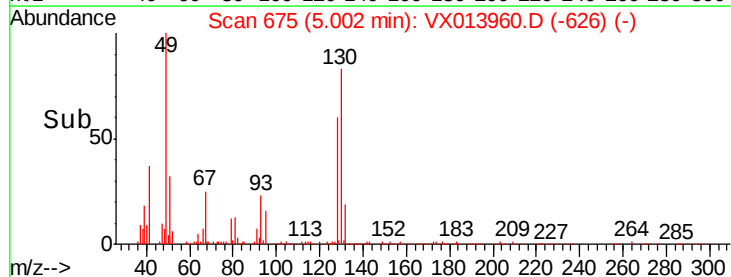
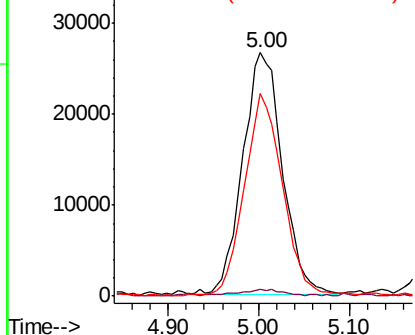
#28

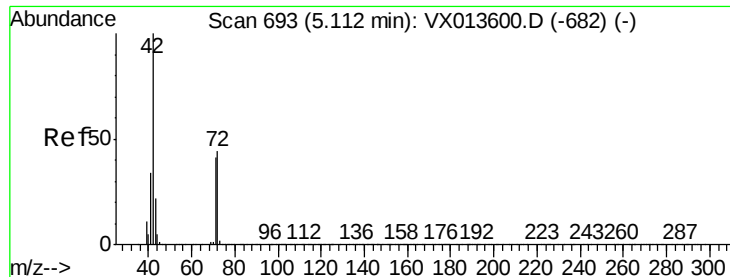
Bromochloromethane
 Concen: 21.392 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion: 49 Resp: 80428
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.0
 130 79.3 65.4 98.0



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

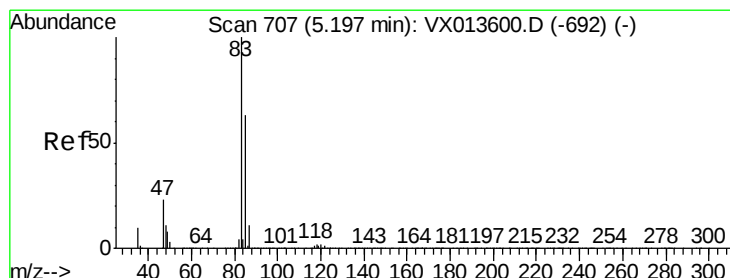
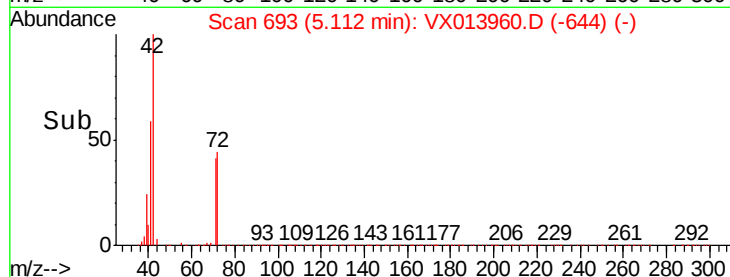
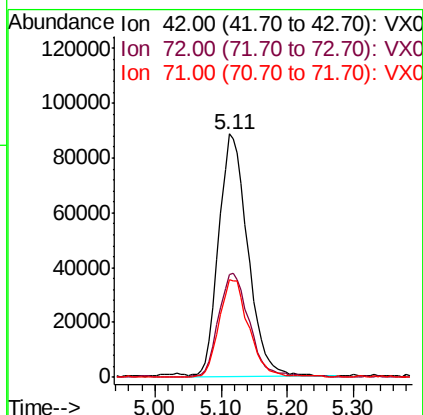
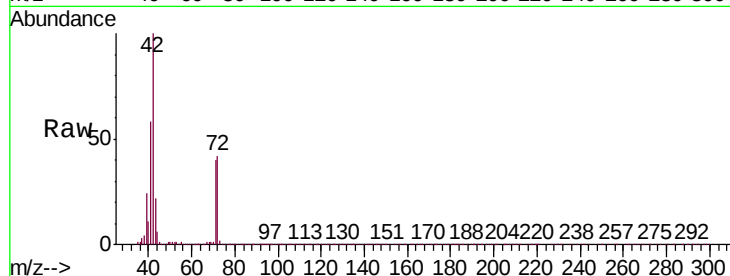




#29
Tetrahydrofuran
Concen: 97.921 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

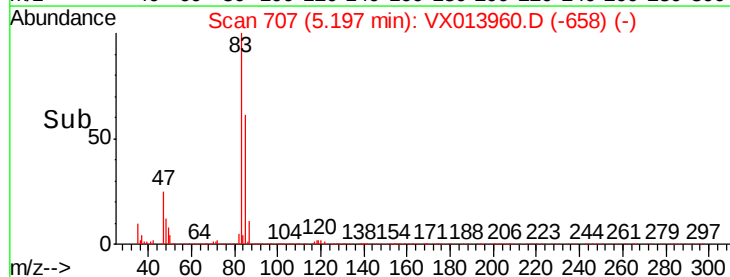
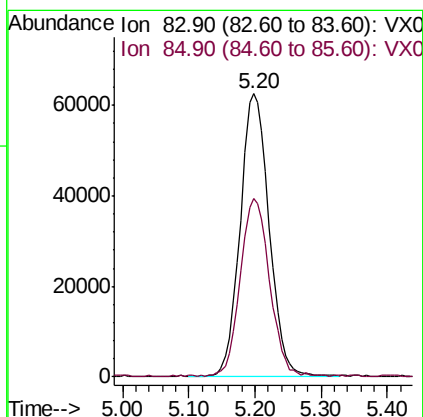
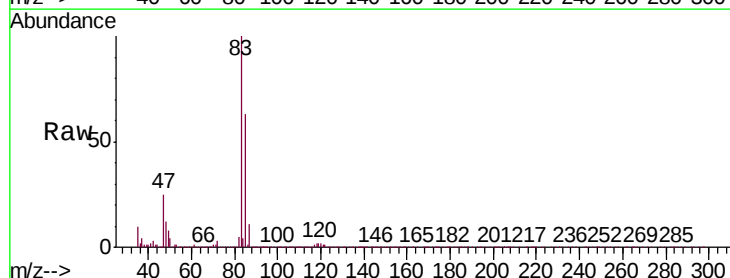
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

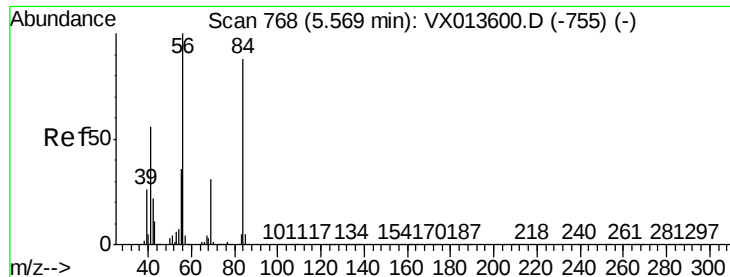
Tgt Ion: 42 Resp: 268980
Ion Ratio Lower Upper
42 100
72 45.3 36.3 54.5
71 40.7 33.2 49.8



#30
Chloroform
Concen: 19.643 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion: 83 Resp: 189464
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4

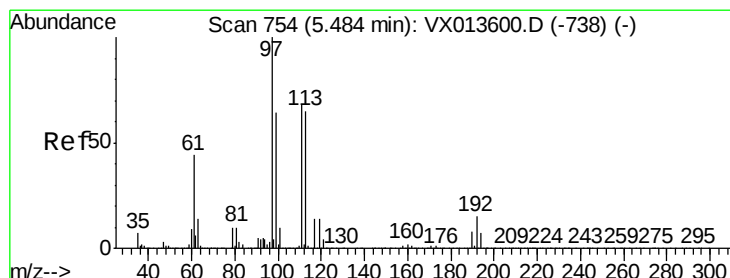
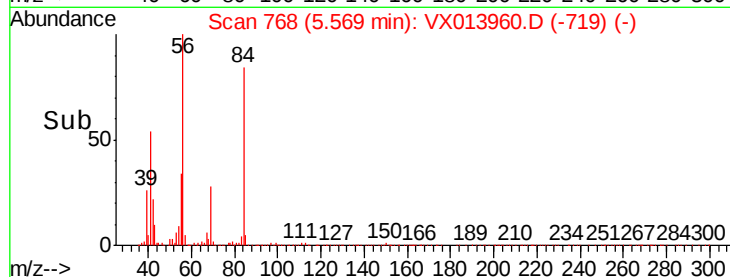
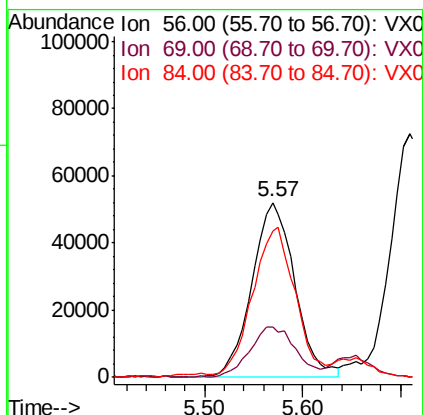
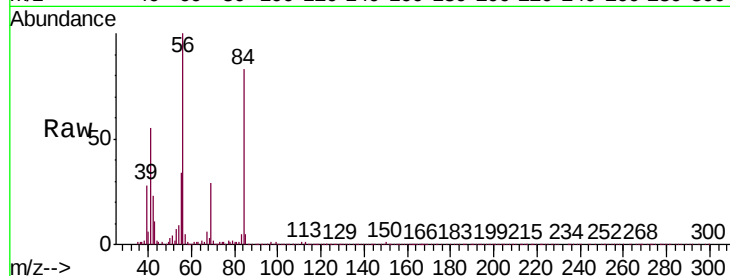




#31
Cyclohexane
Concen: 17.510 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

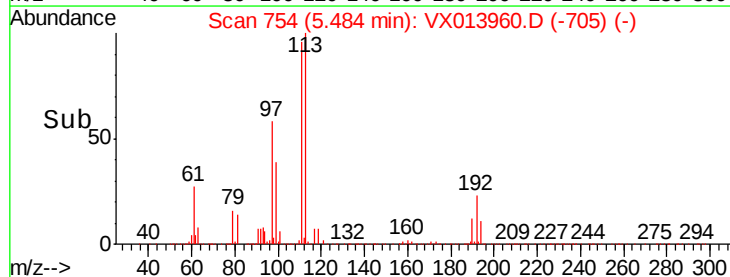
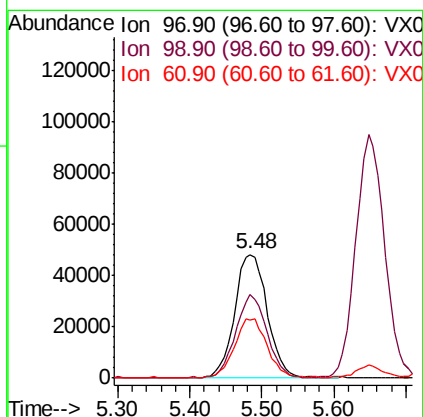
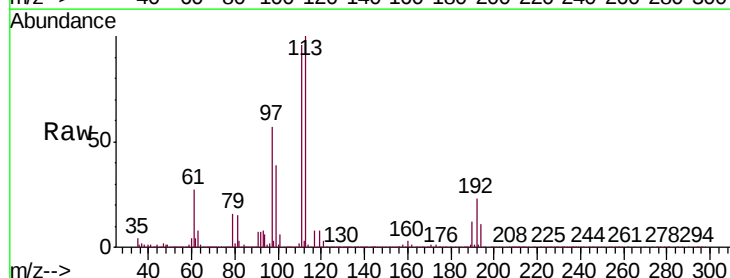
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

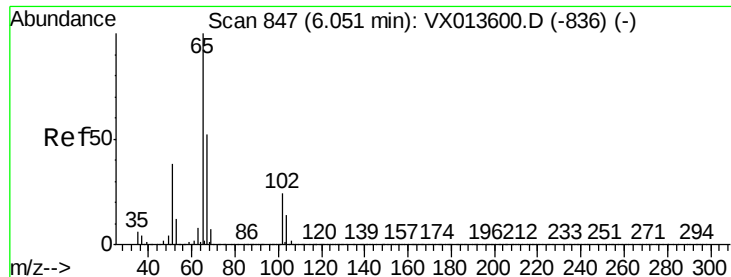
Tgt Ion: 56 Resp: 157076
Ion Ratio Lower Upper
56 100
69 27.9 24.6 36.8
84 81.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.950 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion: 97 Resp: 152744
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 46.9 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.408 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

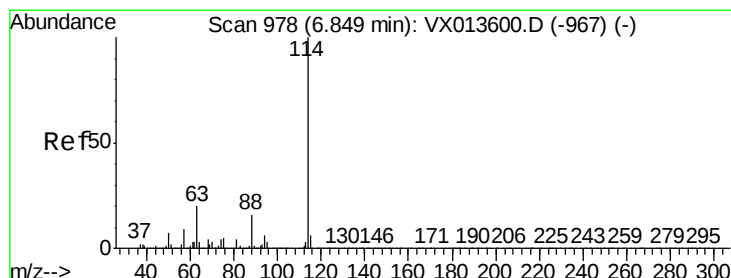
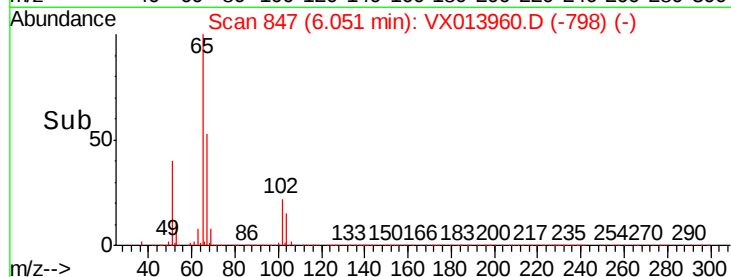
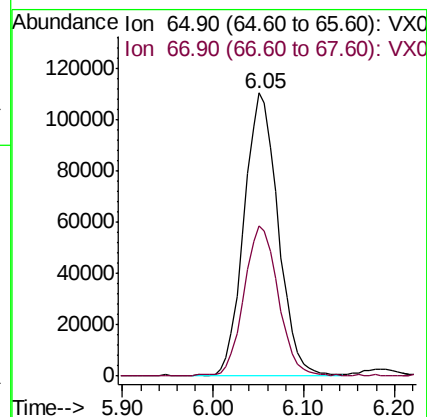
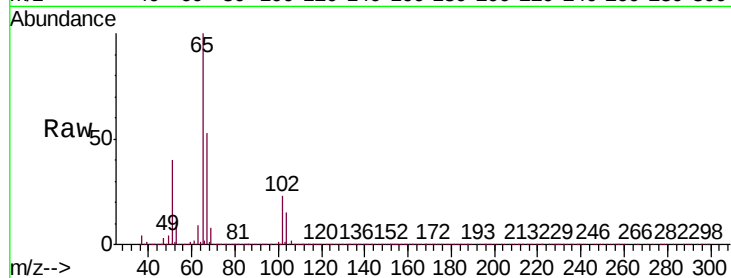
VX1211WBSD02

Tgt Ion: 65 Resp: 287895

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

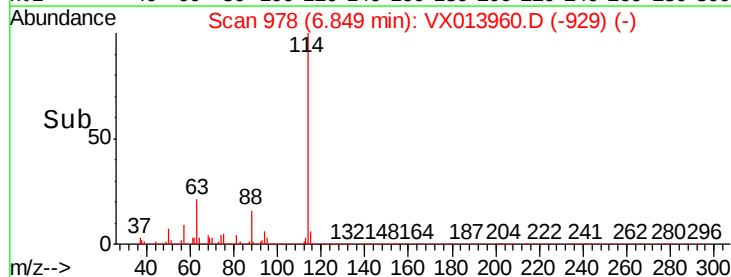
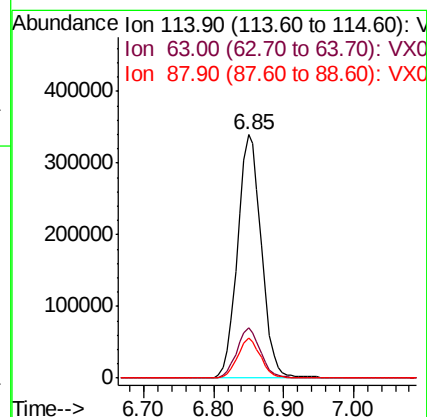
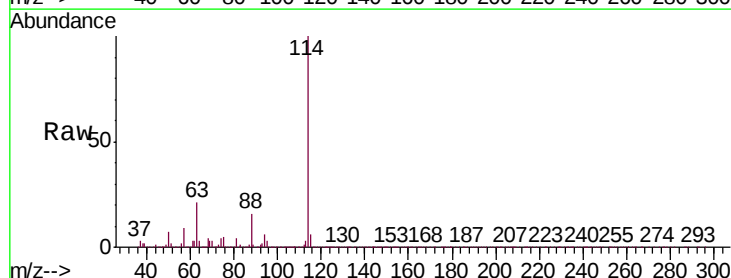
Tgt Ion: 114 Resp: 803780

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.227 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

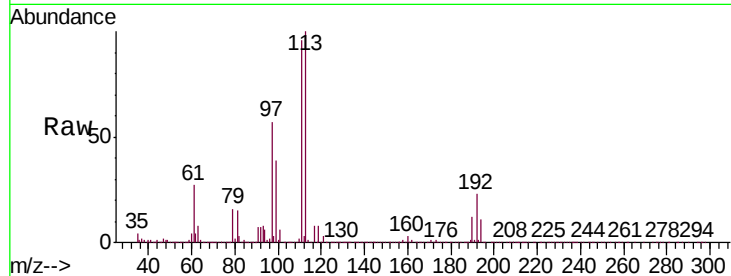
Tgt Ion:113 Resp: 239642

Ion Ratio Lower Upper

113 100

111 101.5 83.6 125.4

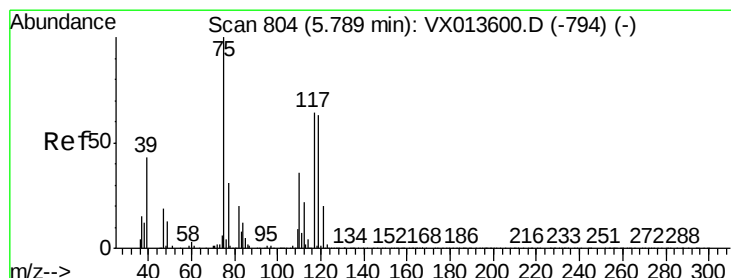
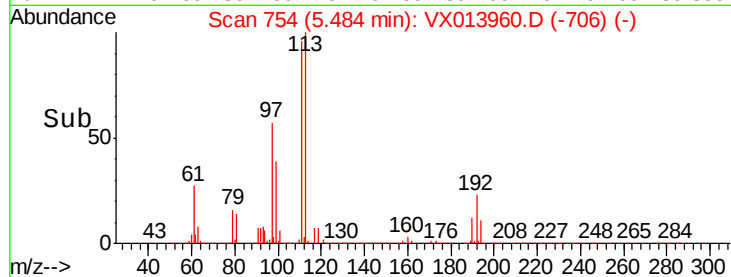
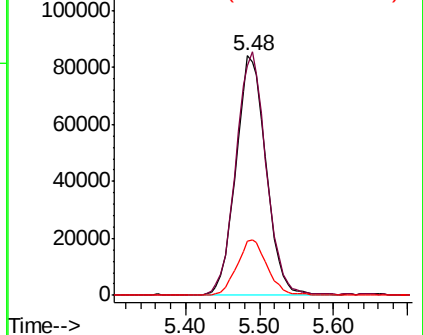
192 23.4 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.466 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

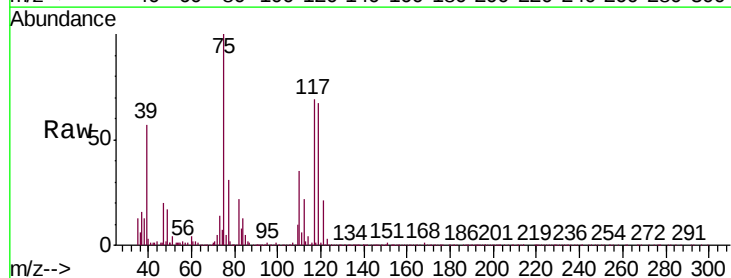
Tgt Ion: 75 Resp: 134735

Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.1

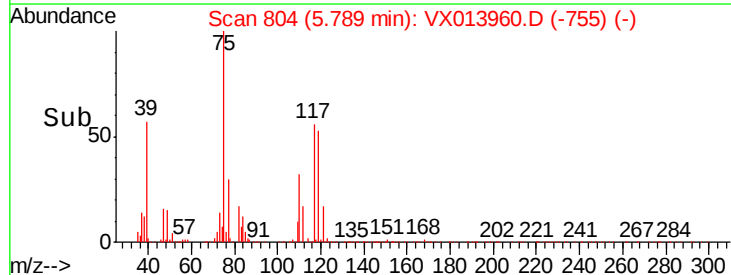
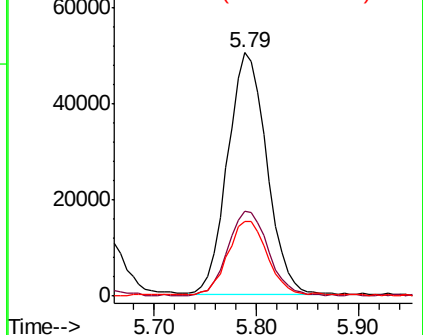
77 30.5 24.5 36.7

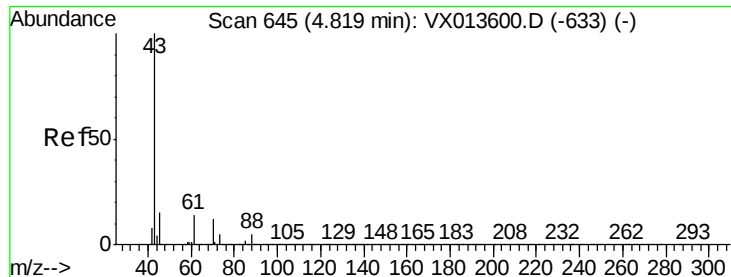


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

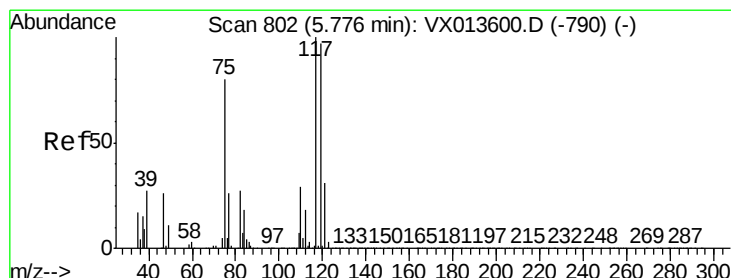
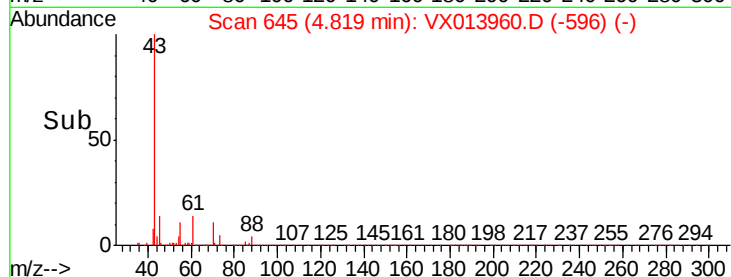
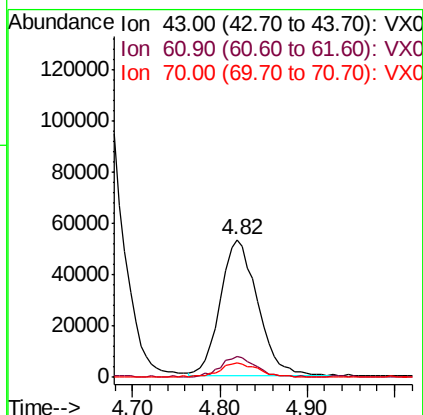
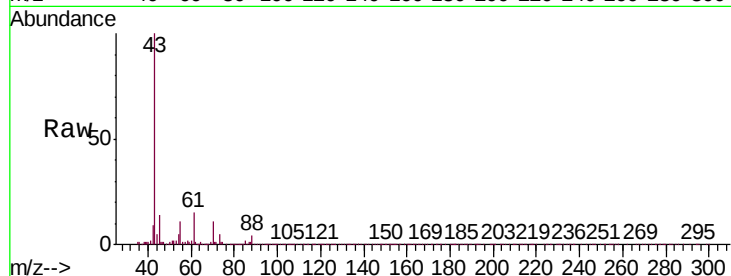




#37
Ethyl Acetate
Concen: 19.204 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

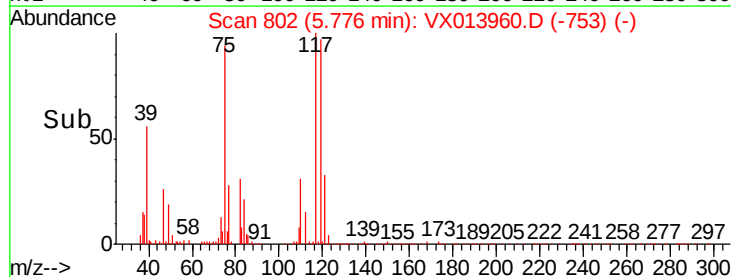
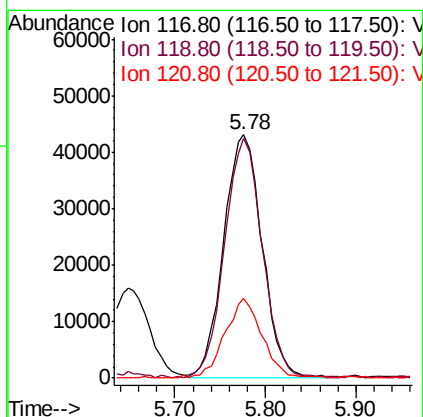
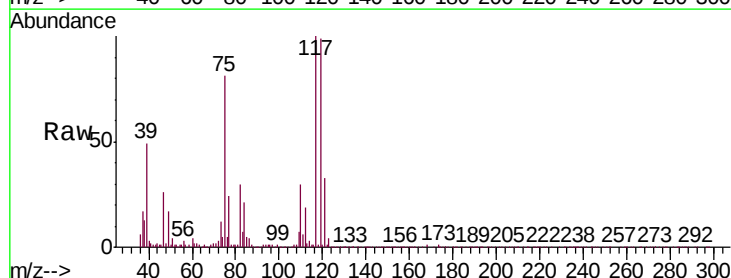
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

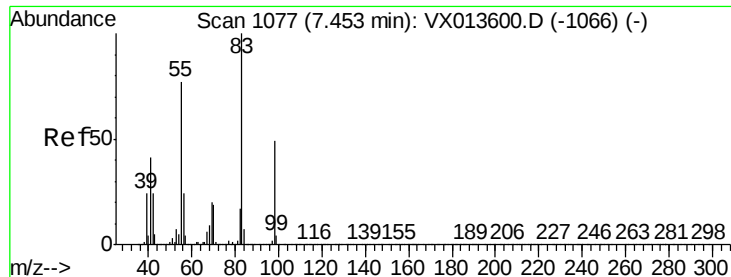
Tgt Ion: 43 Resp: 157192
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.1 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.754 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion: 117 Resp: 126176
Ion Ratio Lower Upper
117 100
119 98.2 77.5 116.3
121 32.5 25.0 37.6

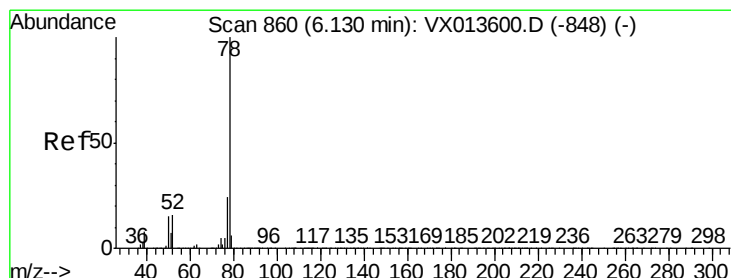
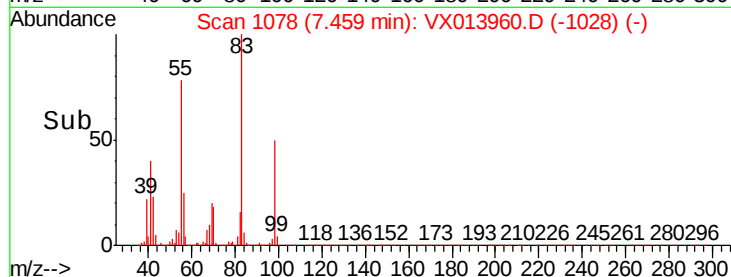
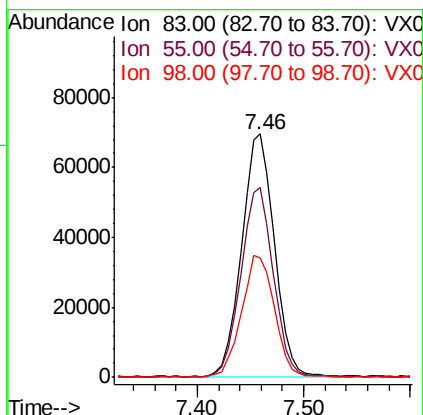
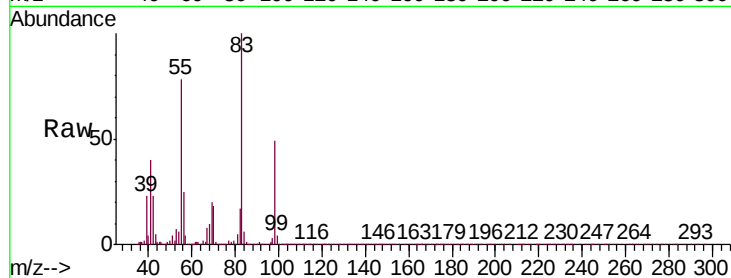




#39
Methylcyclohexane
Concen: 16.576 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

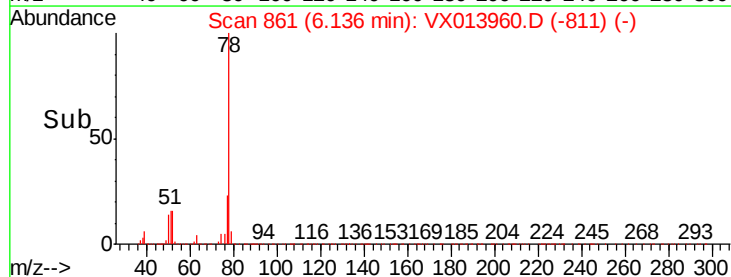
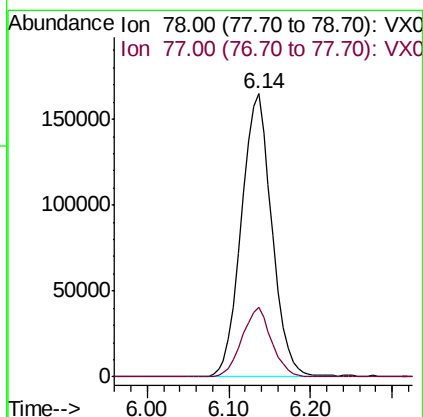
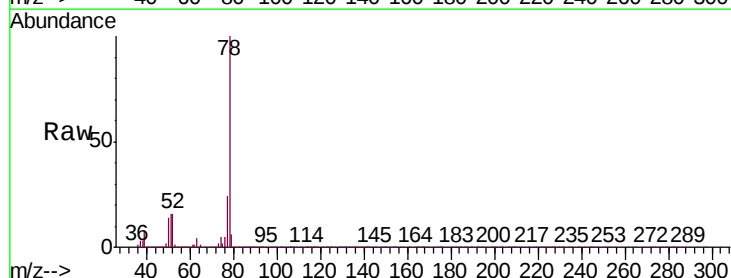
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

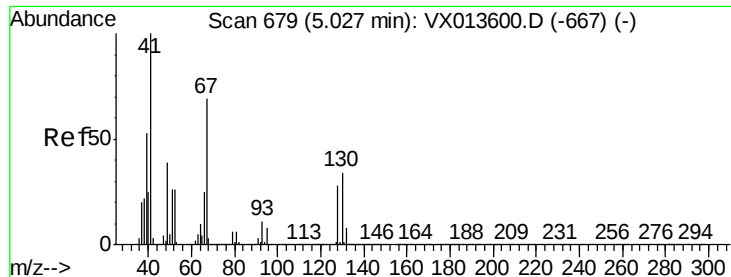
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.9	92.9
98	49.5	39.4	59.0



#40
Benzene
Concen: 19.253 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





#41

Methacrylonitrile

Concen: 20.135 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

Tgt Ion: 41 Resp: 90385

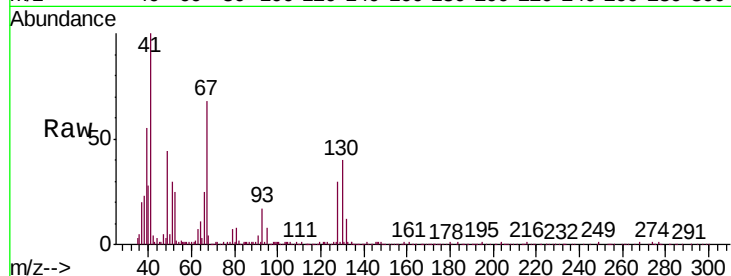
Ion Ratio Lower Upper

41 100

39 55.7 42.9 64.3

67 69.7 57.4 86.0

52 26.6 22.4 33.6

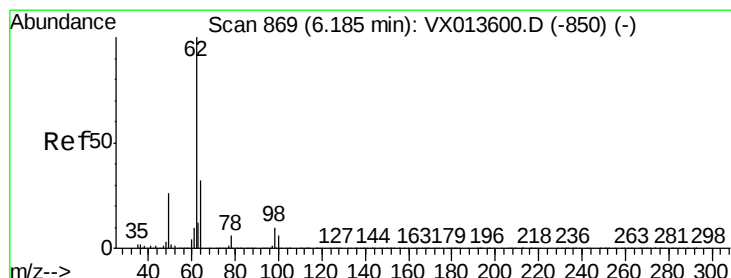
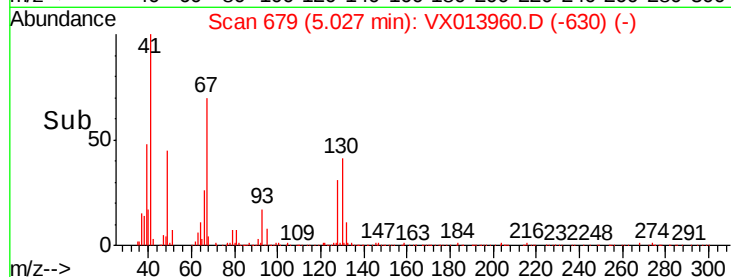
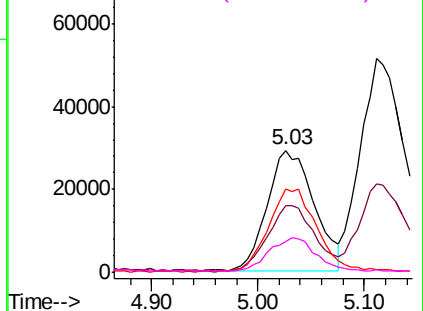


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.718 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013960.D

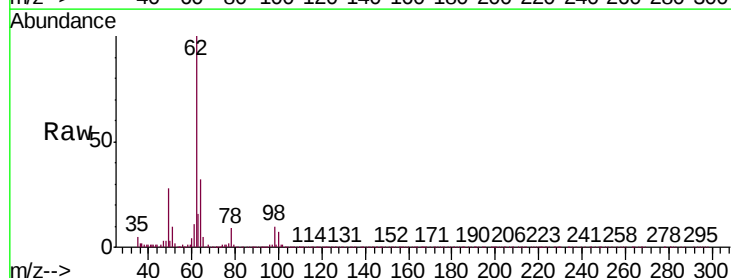
Acq: 11 Dec 2019 22:57

Tgt Ion: 62 Resp: 149439

Ion Ratio Lower Upper

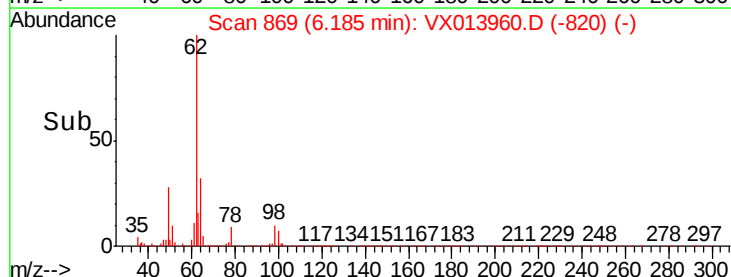
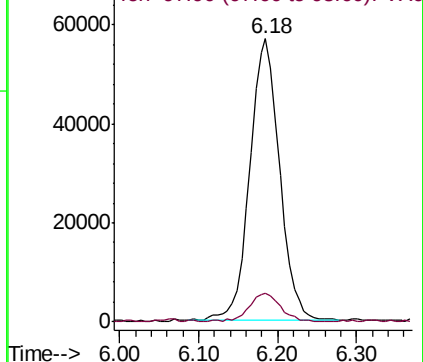
62 100

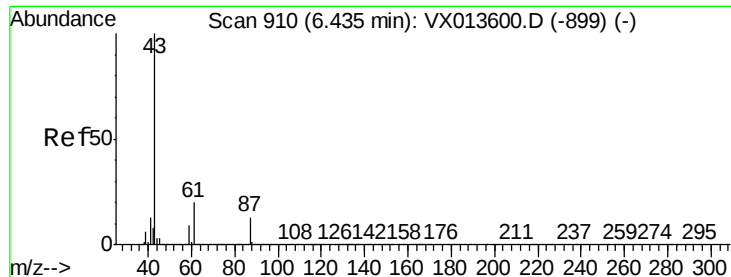
98 11.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.108 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

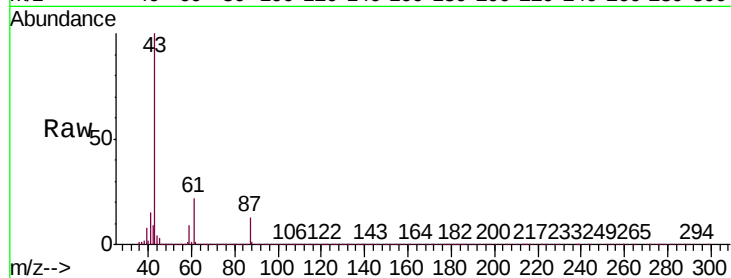
Tgt Ion: 43 Resp: 257488

Ion Ratio Lower Upper

43 100

61 20.2 16.3 24.5

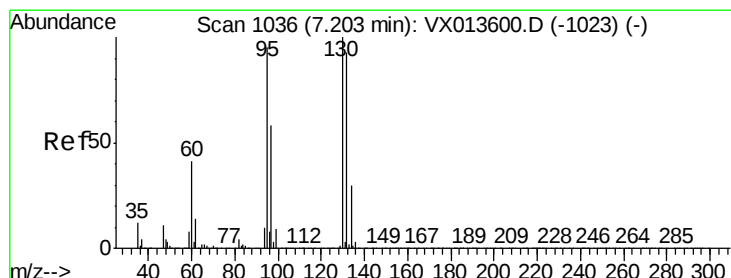
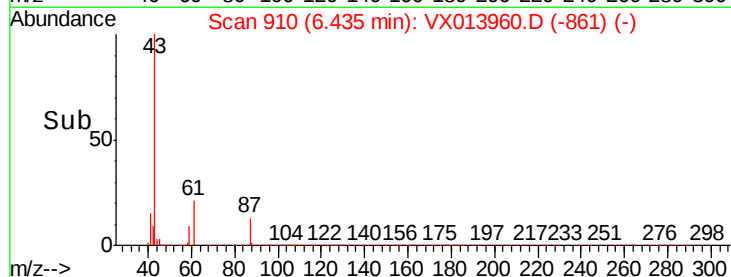
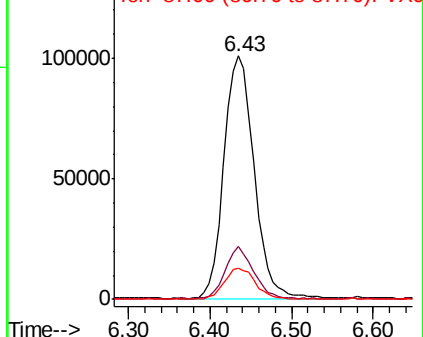
87 13.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.759 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013960.D

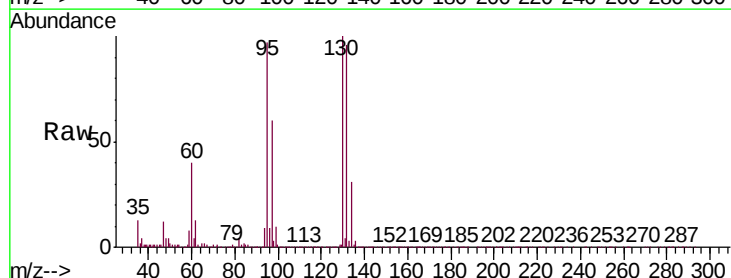
Acq: 11 Dec 2019 22:57

Tgt Ion: 130 Resp: 114405

Ion Ratio Lower Upper

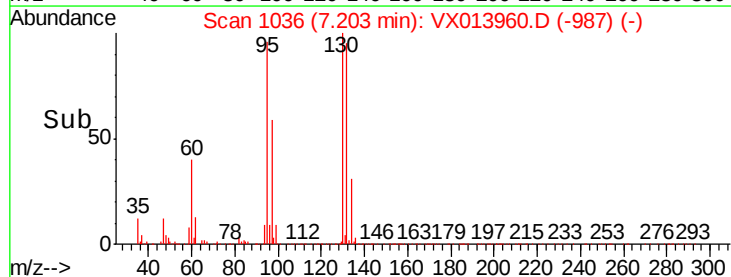
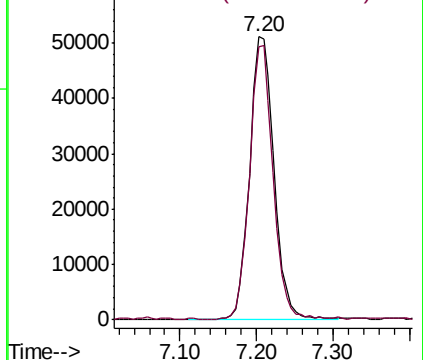
130 100

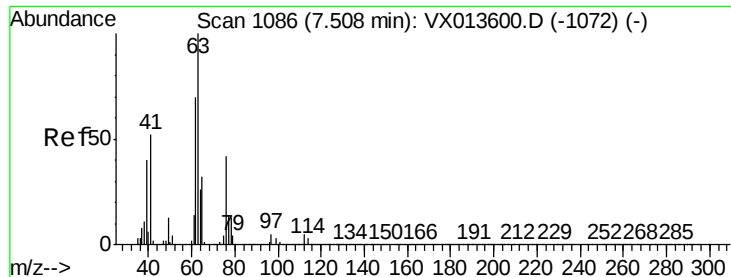
95 96.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

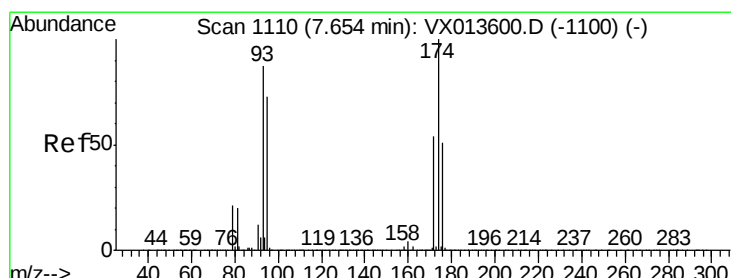
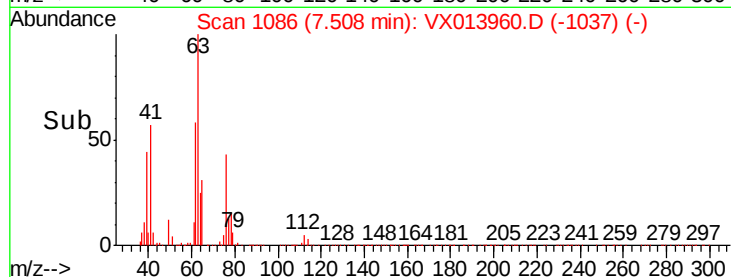
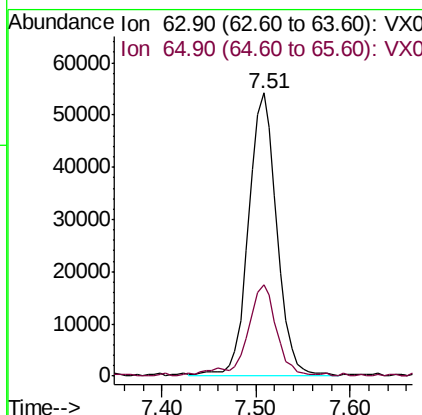
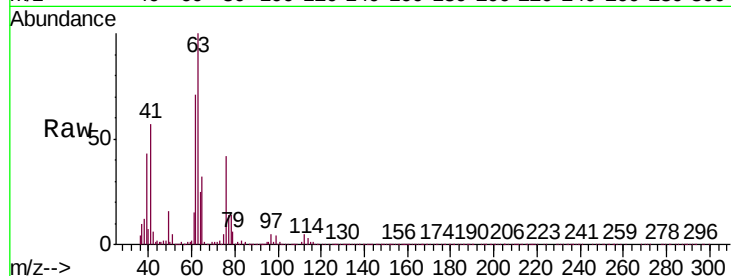




#45
 1,2-Dichloropropane
 Concen: 20.704 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

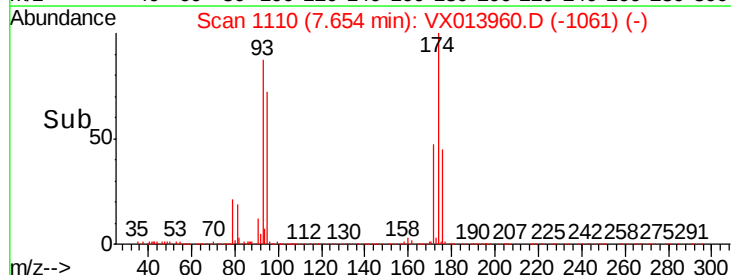
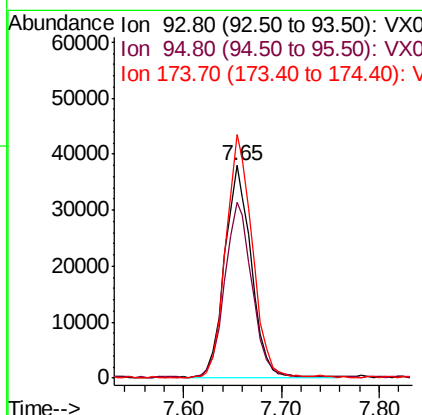
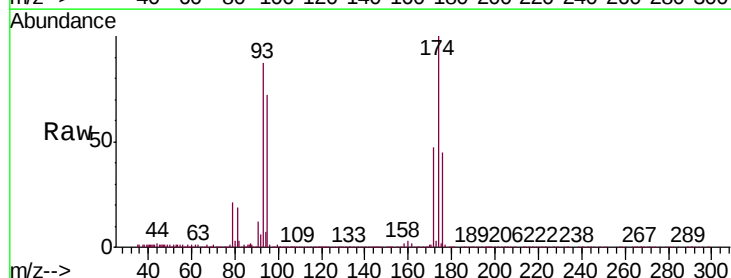
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

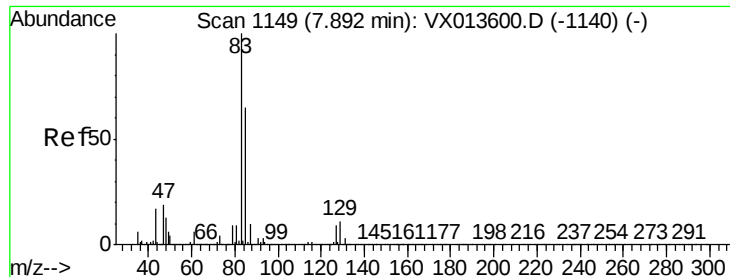
Tgt Ion: 63 Resp: 115115
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.5 38.3



#46
 Dibromomethane
 Concen: 18.979 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion: 93 Resp: 71666
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.2 99.2
 174 113.4 93.4 140.0

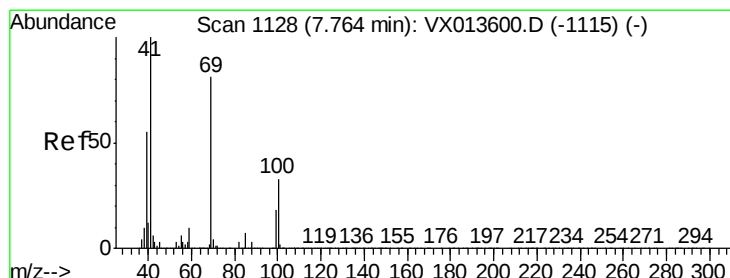
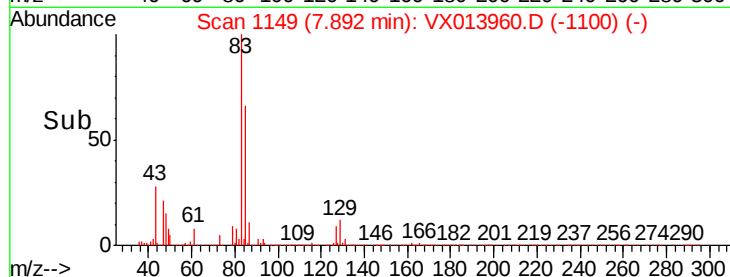
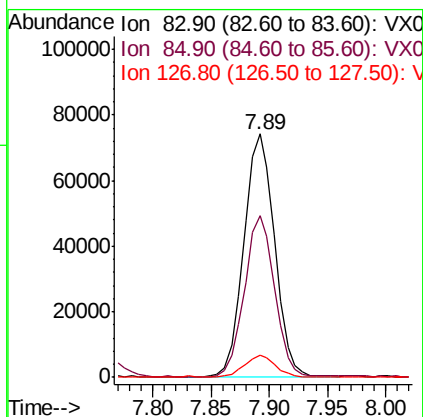
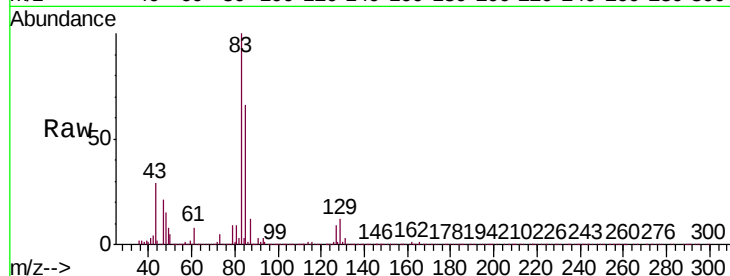




#47
Bromodichloromethane
Concen: 19.120 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

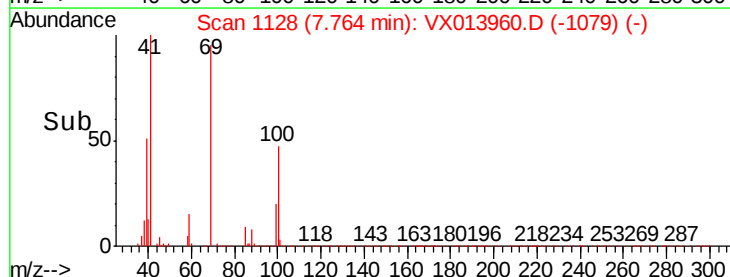
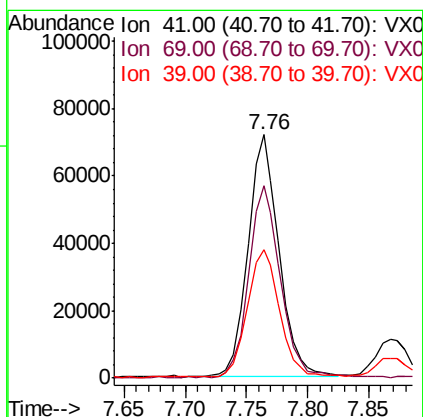
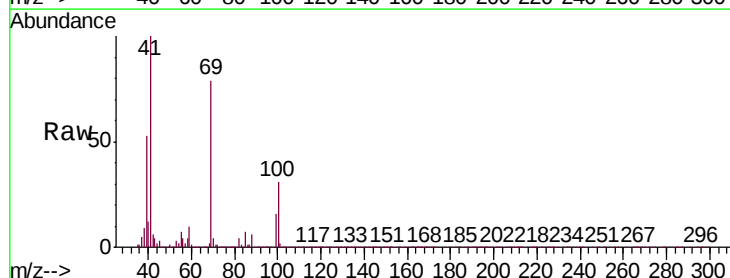
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

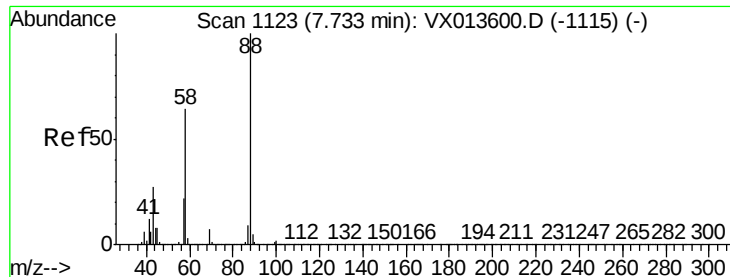
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.1	78.1
127	8.8	7.0	10.4



#48
Methyl methacrylate
Concen: 19.389 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.8	64.7	97.1
39	54.4	43.8	65.6

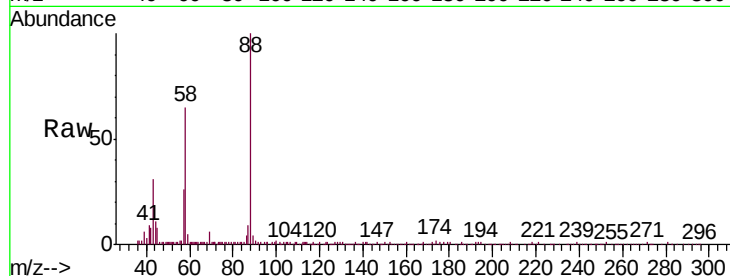




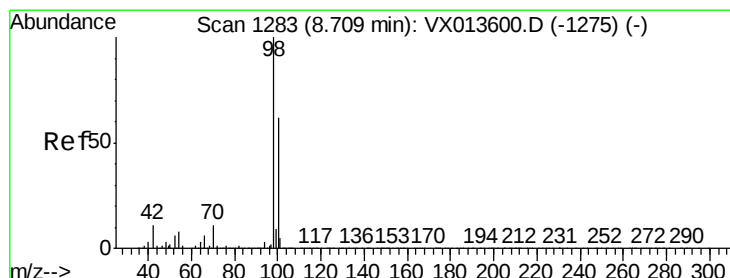
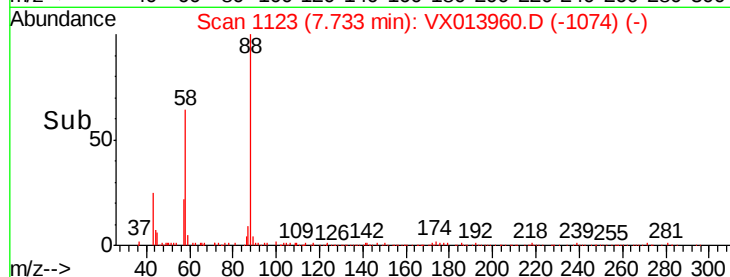
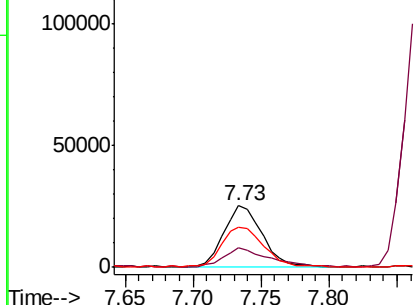
#49
1,4-Dioxane
Concen: 337.593 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.5	25.8	38.6
58	70.9	54.6	82.0

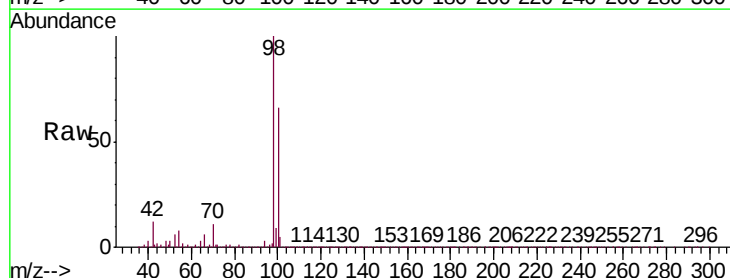


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

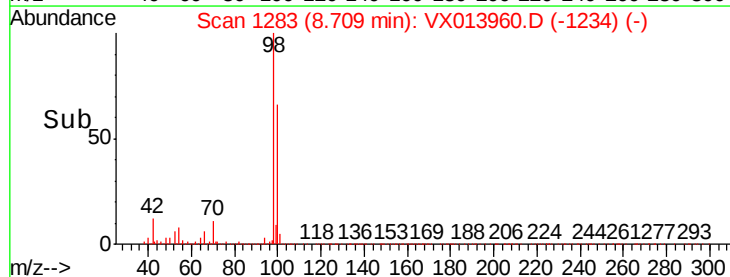
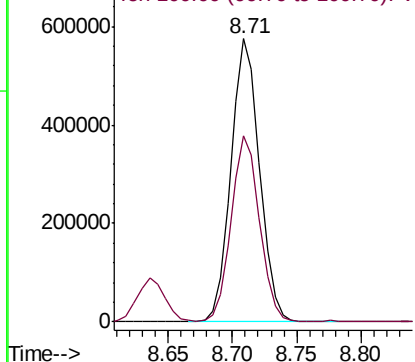


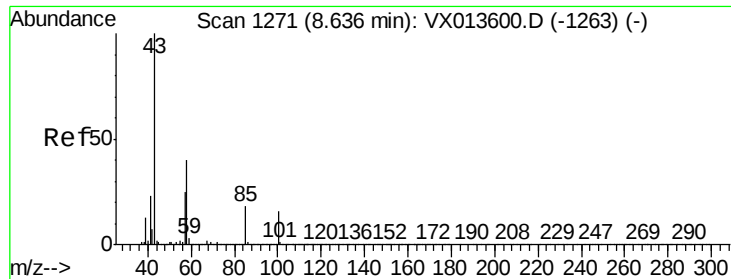
#50
Toluene-d8
Concen: 45.857 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

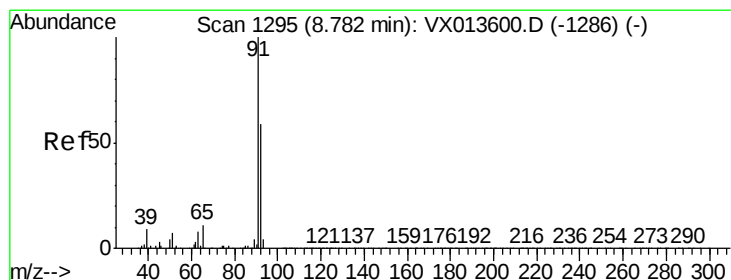
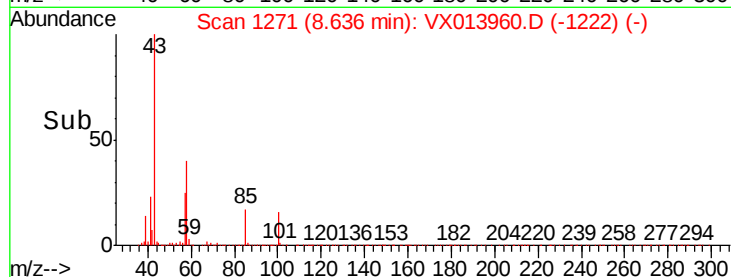
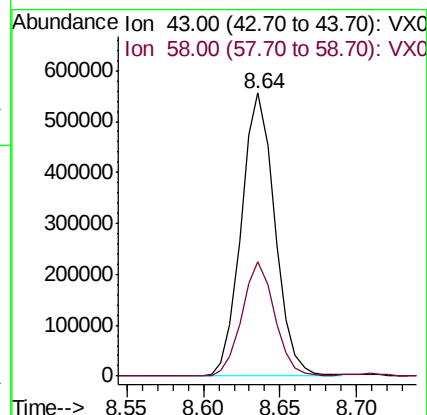
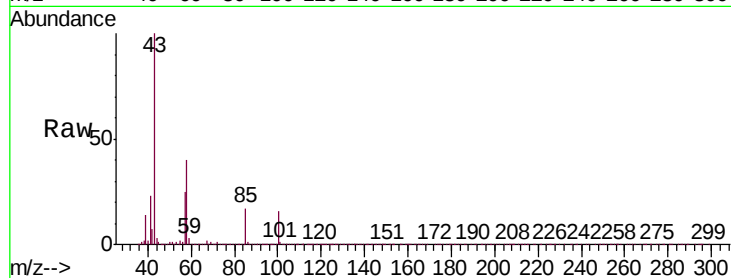




#51
 4-Methyl-2-Pentanone
 Concen: 99.941 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

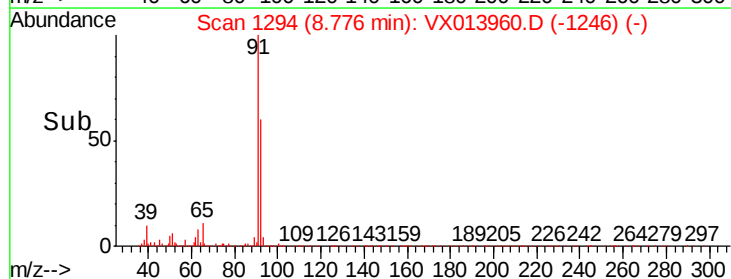
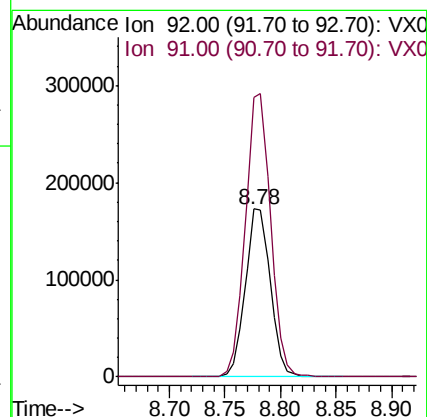
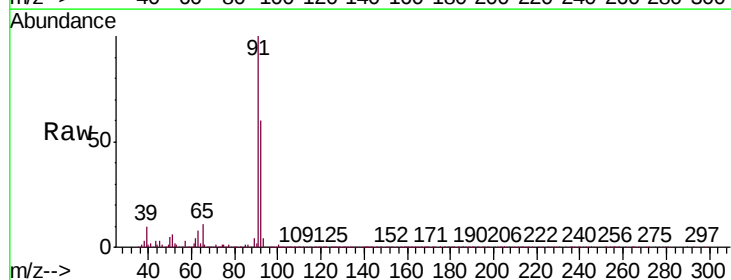
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

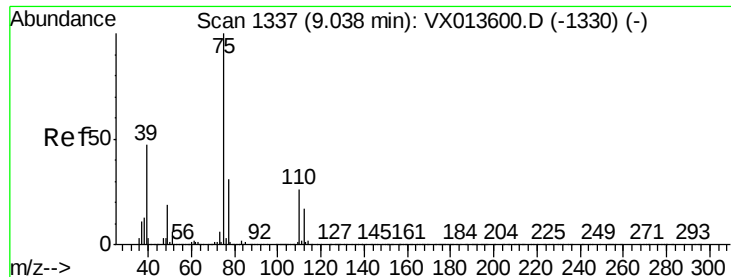
Tgt Ion: 43 Resp: 847148
 Ion Ratio Lower Upper
 43 100
 58 39.2 32.1 48.1



#52
 Toluene
 Concen: 19.611 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion: 92 Resp: 270731
 Ion Ratio Lower Upper
 92 100
 91 169.8 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 17.495 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

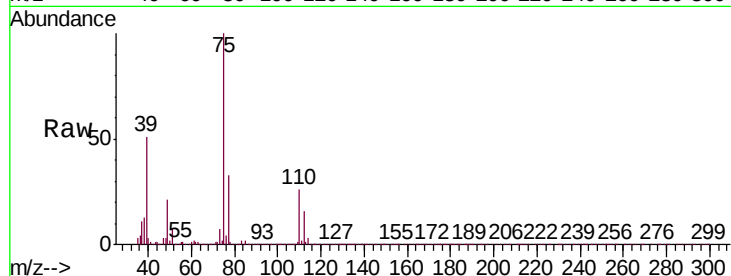
VX1211WBSD02

Tgt Ion: 75 Resp: 142159

Ion Ratio Lower Upper

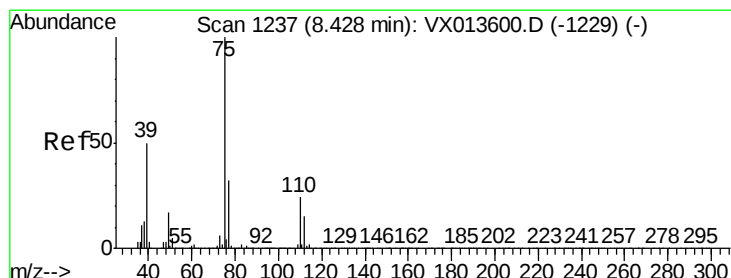
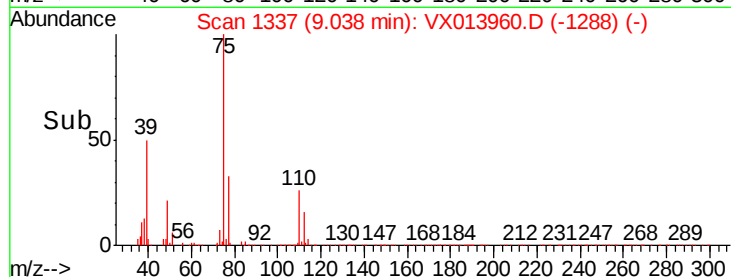
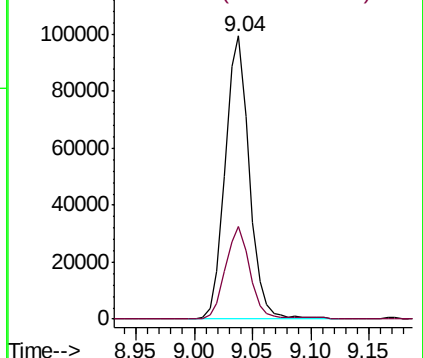
75 100

77 32.6 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.545 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

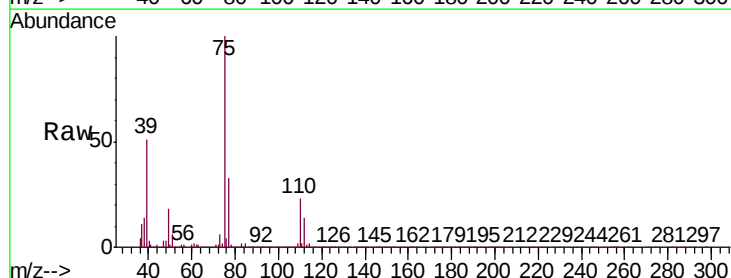
Tgt Ion: 75 Resp: 164633

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

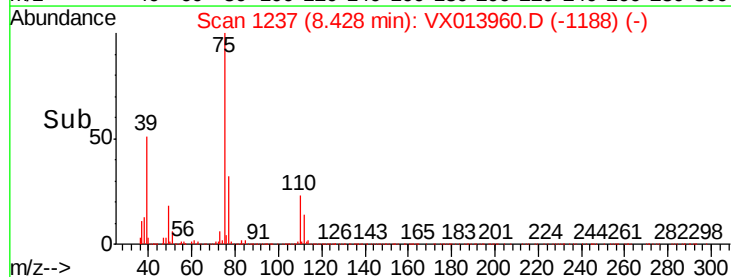
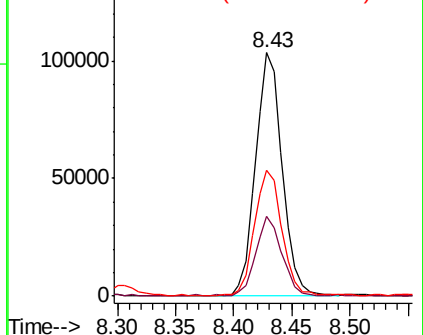
39 51.2 39.9 59.9

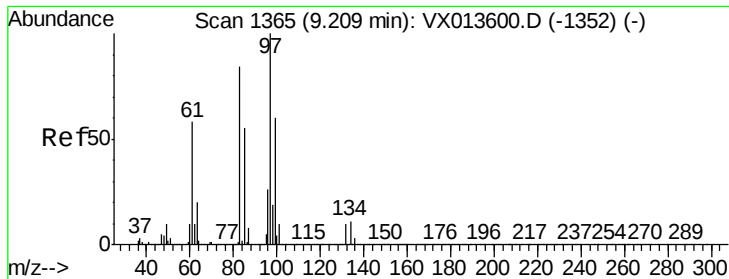


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.443 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

Tgt Ion: 97 Resp: 113731

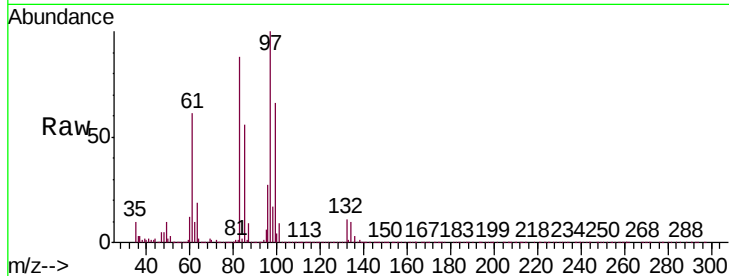
Ion Ratio Lower Upper

97 100

83 87.9 67.3 100.9

85 55.2 43.6 65.4

99 65.5 48.2 72.4

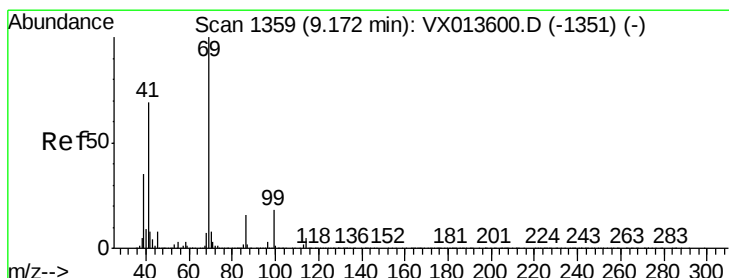
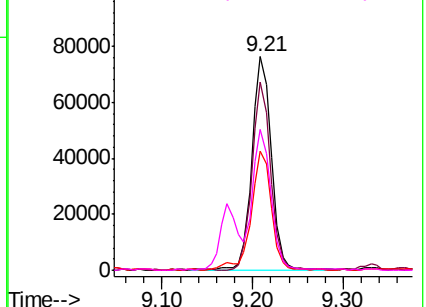
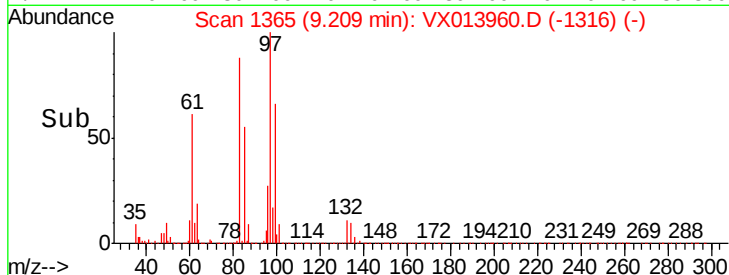


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.160 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

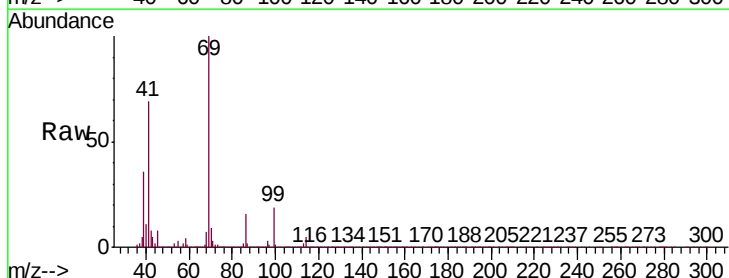
Tgt Ion: 69 Resp: 171373

Ion Ratio Lower Upper

69 100

41 68.5 55.0 82.4

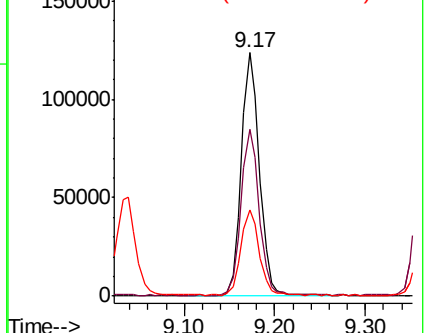
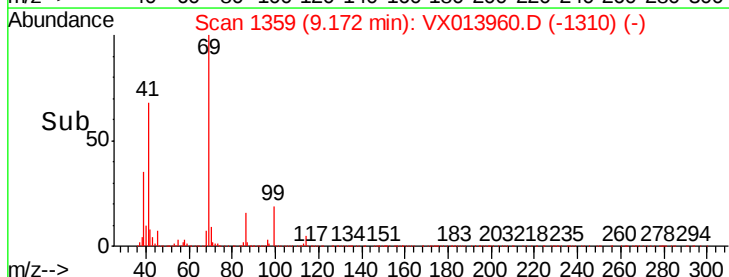
39 35.5 28.7 43.1

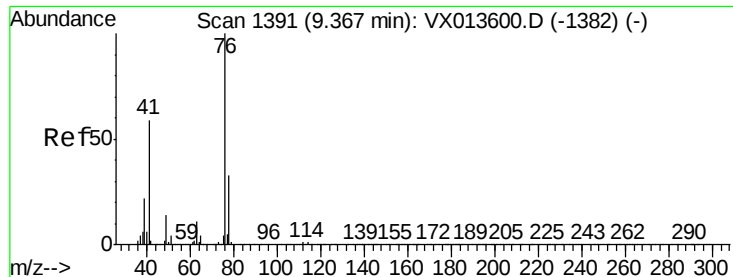


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.849 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

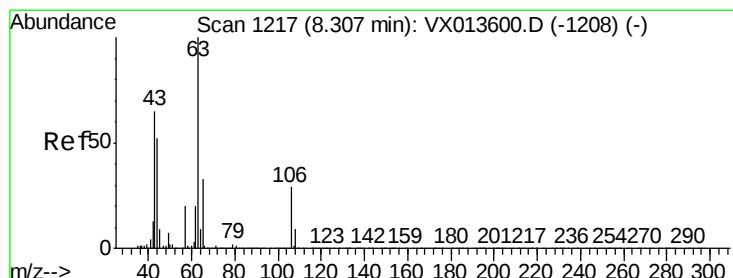
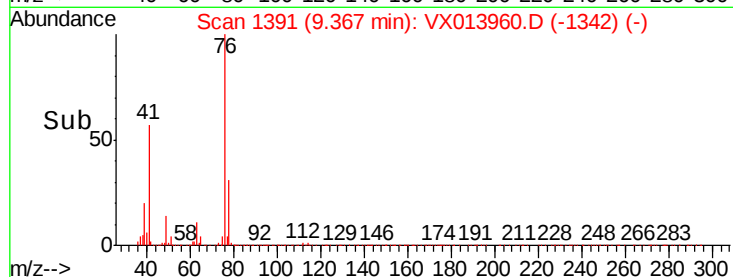
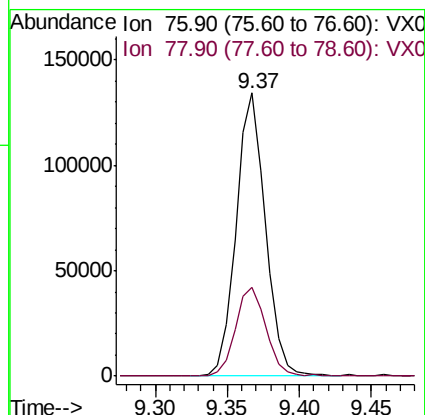
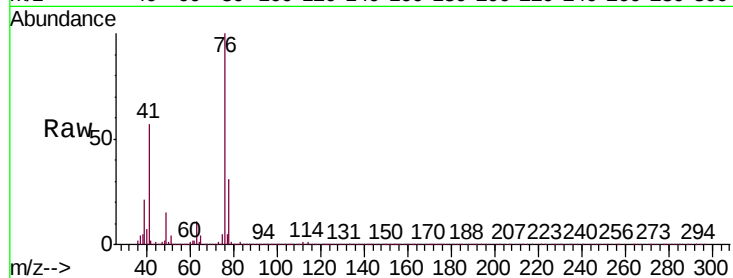
VX1211WBSD02

Tgt Ion: 76 Resp: 190334

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.028 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013960.D

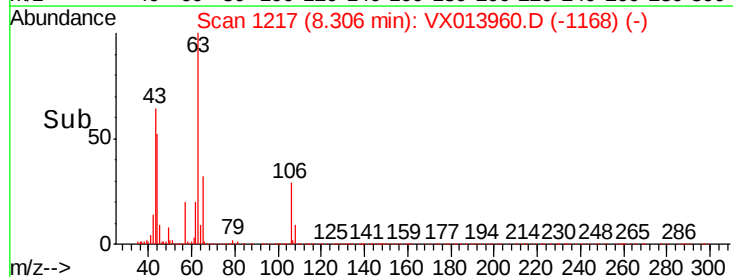
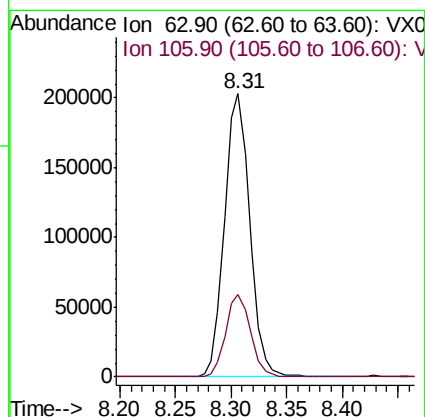
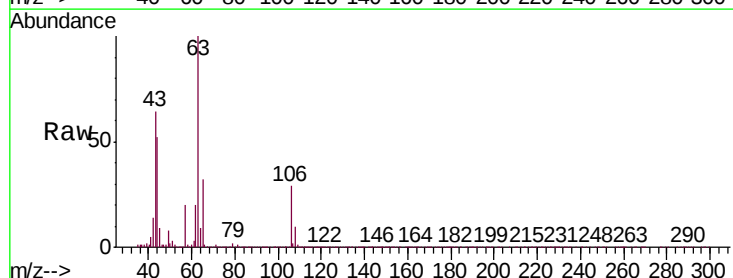
Acq: 11 Dec 2019 22:57

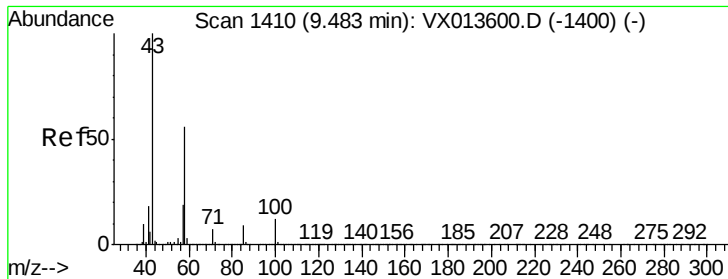
Tgt Ion: 63 Resp: 319221

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0

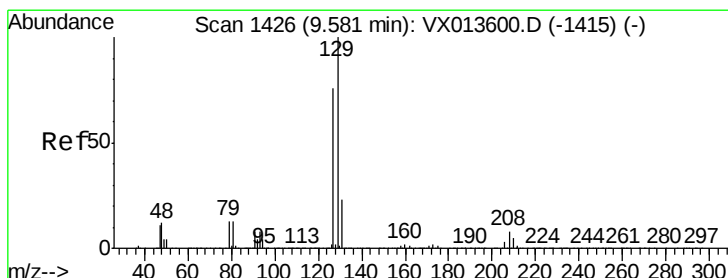
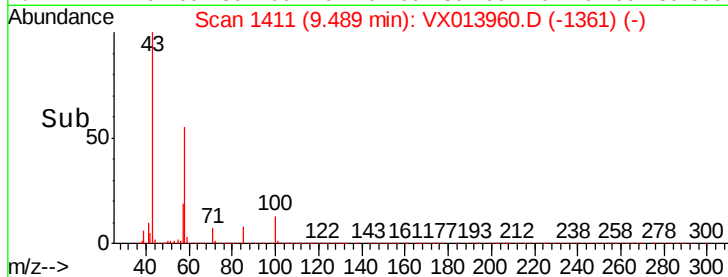
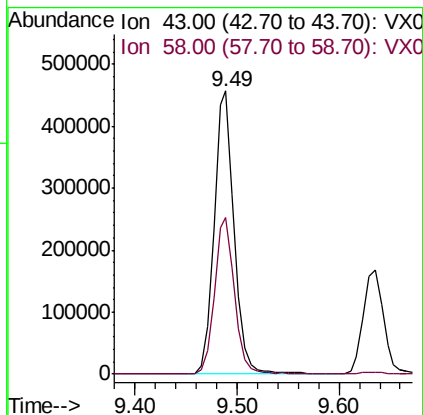
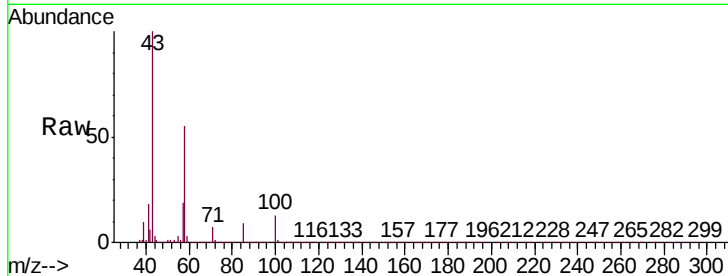




#59
2-Hexanone
Concen: 94.856 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

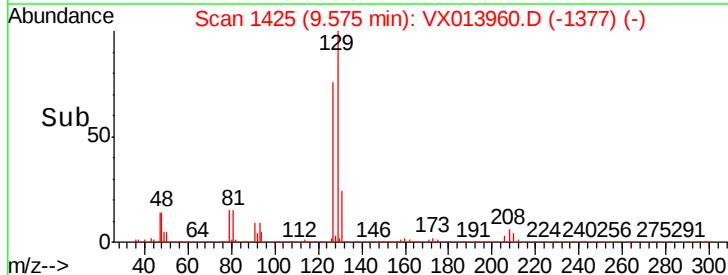
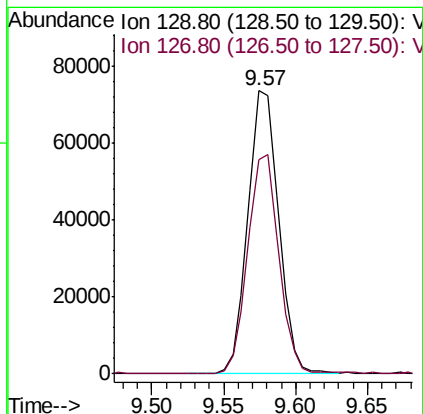
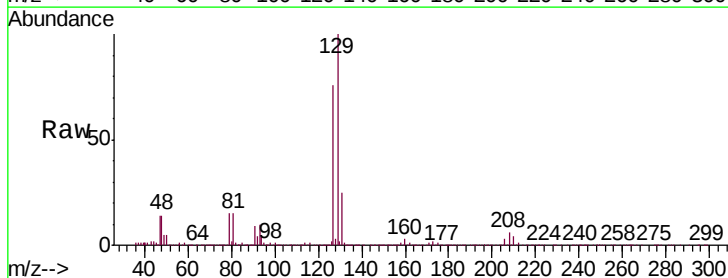
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion: 43 Resp: 627100
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.4



#60
Dibromochloromethane
Concen: 18.860 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion: 129 Resp: 108889
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.113 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

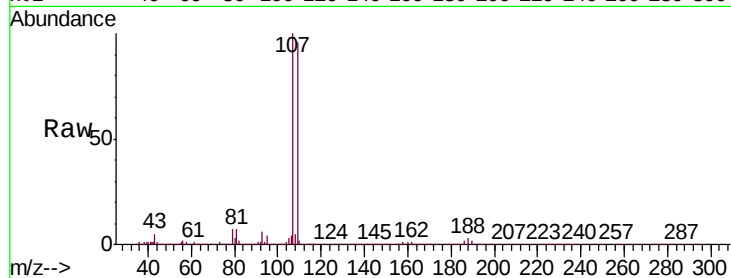
VX1211WBSD02

Tgt Ion: 107 Resp: 113566

Ion Ratio Lower Upper

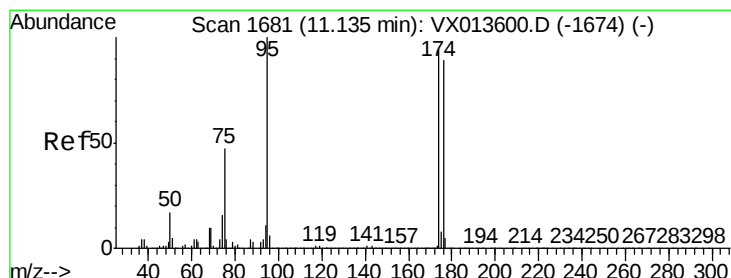
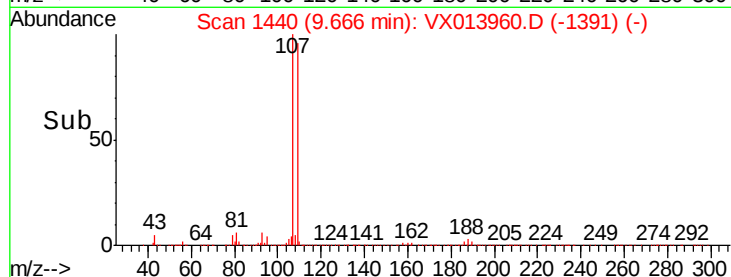
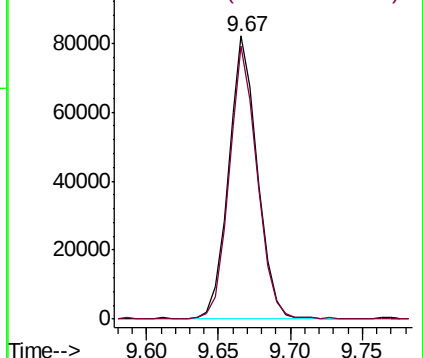
107 100

109 95.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.018 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

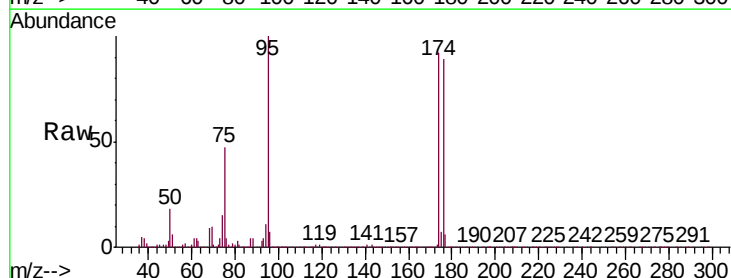
Tgt Ion: 95 Resp: 321262

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

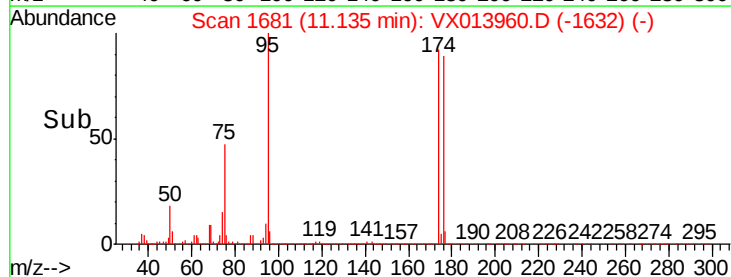
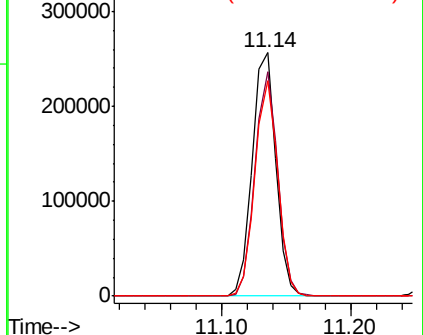
176 86.1 0.0 173.6

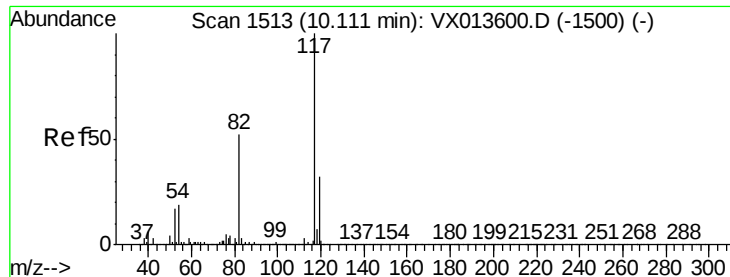


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

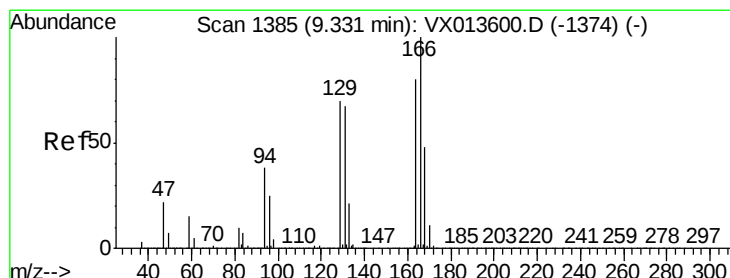
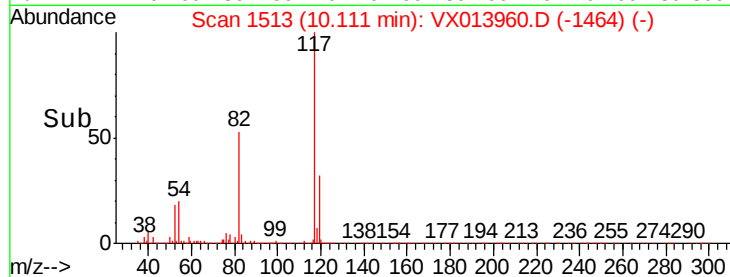
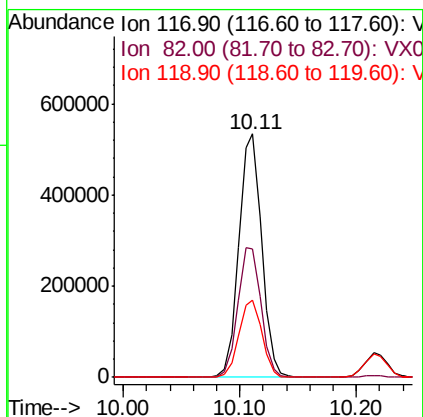
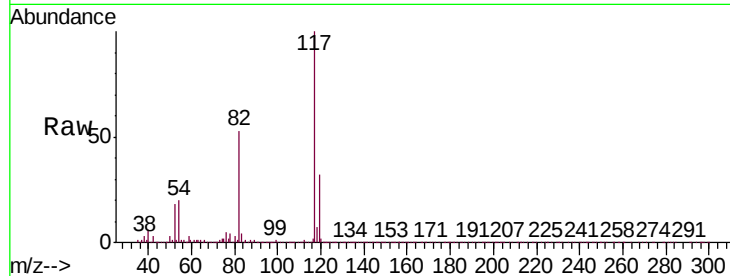




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

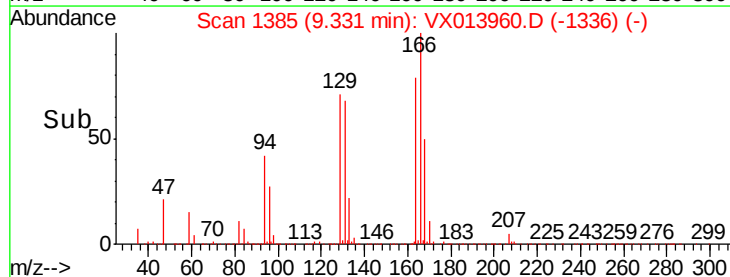
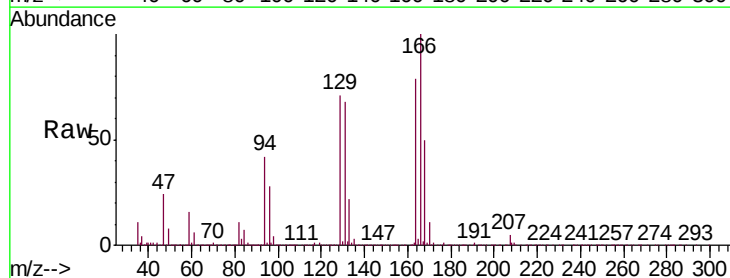
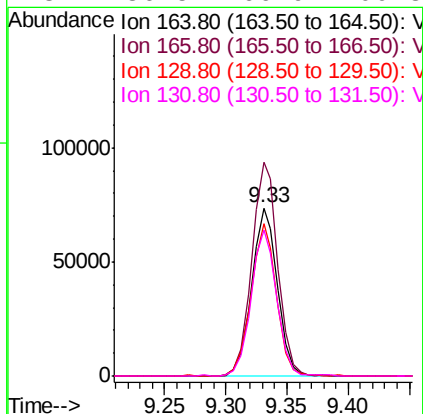
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

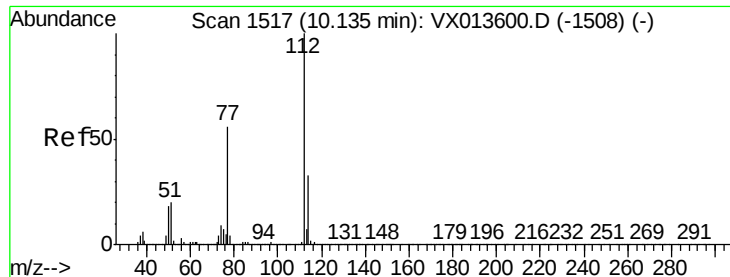
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	31.9	25.8	38.8



#64
Tetrachloroethene
Concen: 19.879 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	99.7	149.5
129	90.0	70.1	105.1
131	86.5	66.9	100.3





#65

Chlorobenzene

Concen: 19.081 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

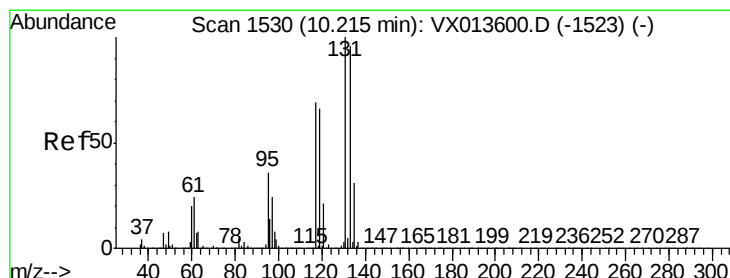
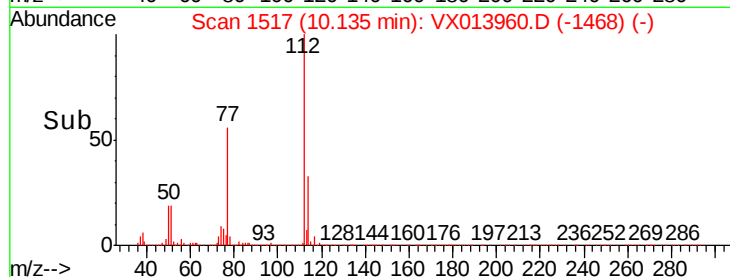
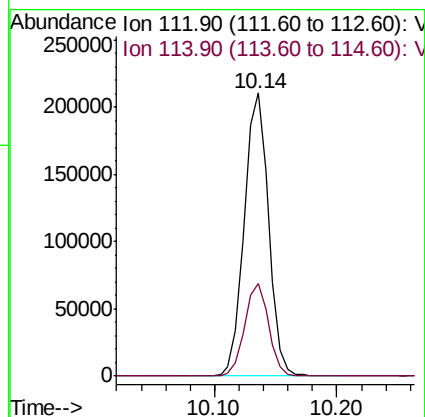
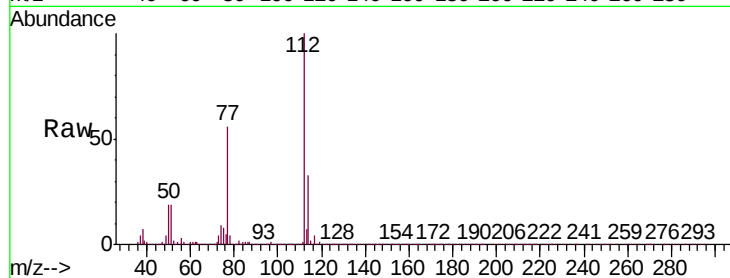
VX1211WBSD02

Tgt Ion:112 Resp: 289107

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.650 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

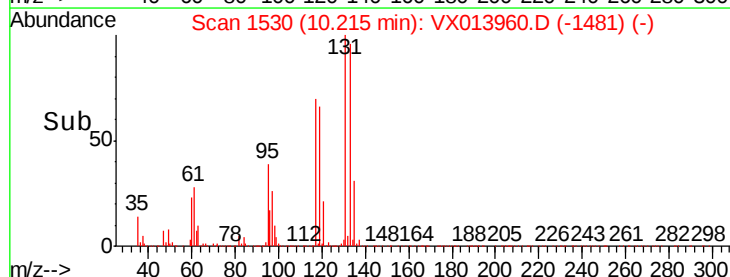
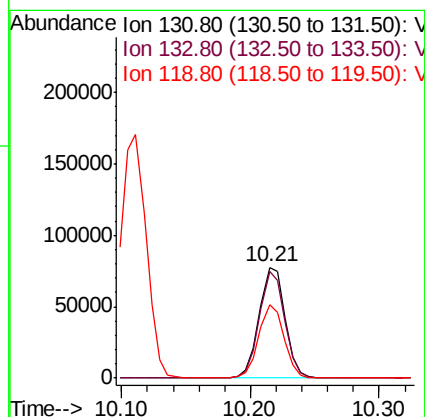
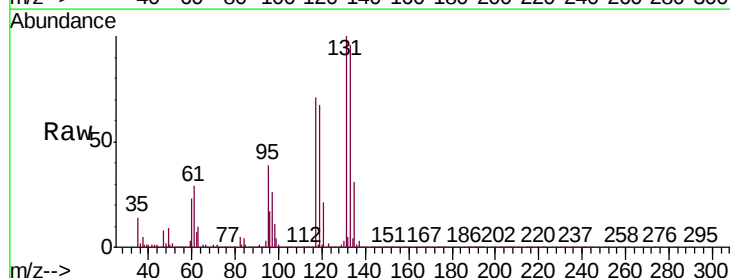
Tgt Ion:131 Resp: 106911

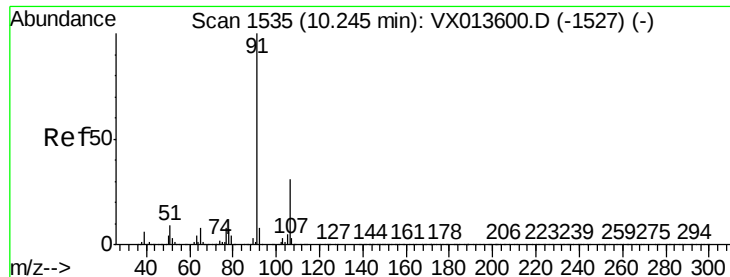
Ion Ratio Lower Upper

131 100

133 94.4 47.7 143.1

119 64.9 32.9 98.6





#67

Ethyl Benzene

Concen: 19.115 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

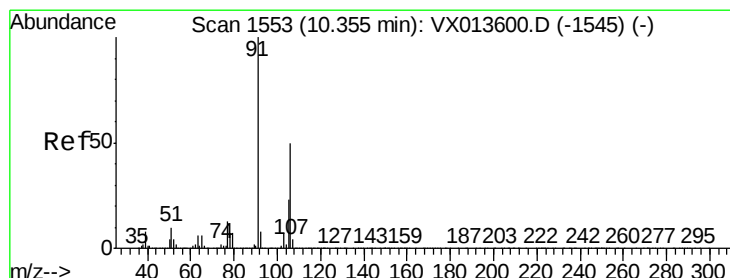
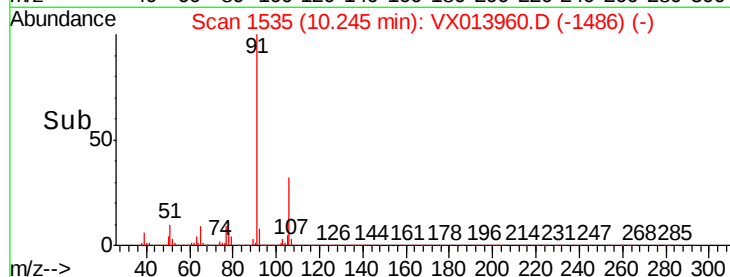
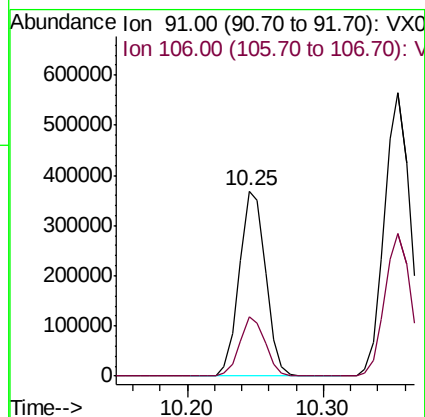
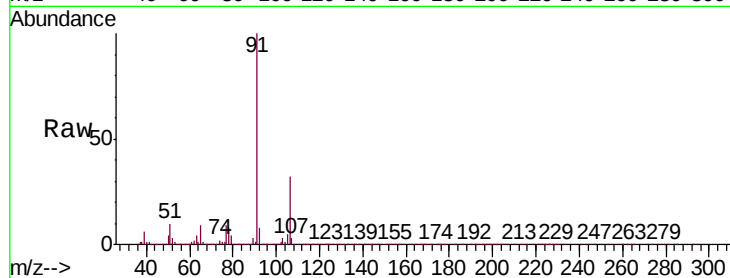
VX1211WBSD02

Tgt Ion: 91 Resp: 497693

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 38.249 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013960.D

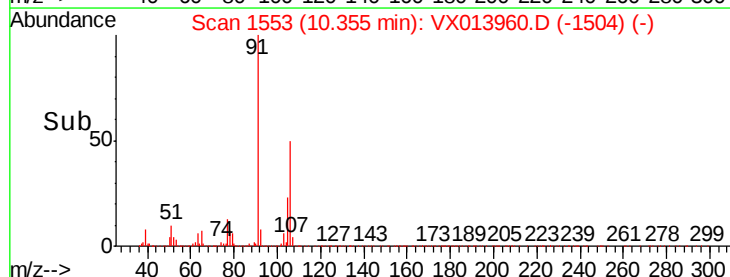
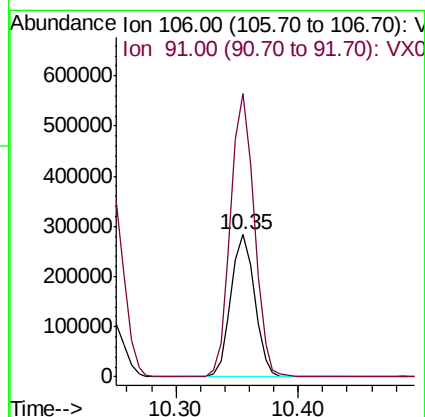
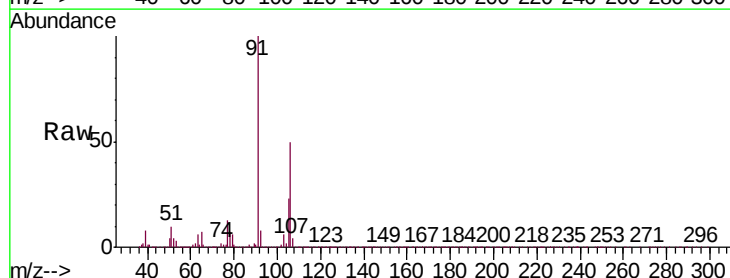
Acq: 11 Dec 2019 22:57

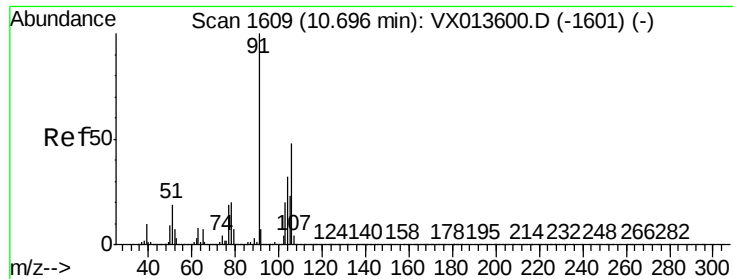
Tgt Ion: 106 Resp: 381268

Ion Ratio Lower Upper

106 100

91 197.7 159.0 238.4

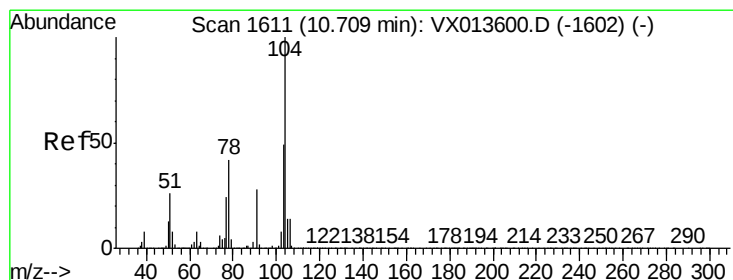
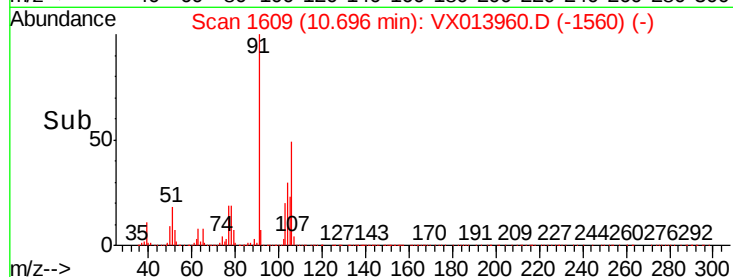
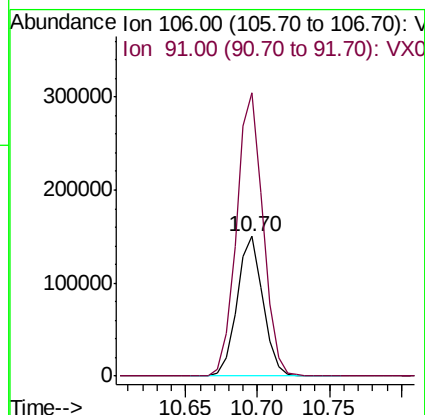
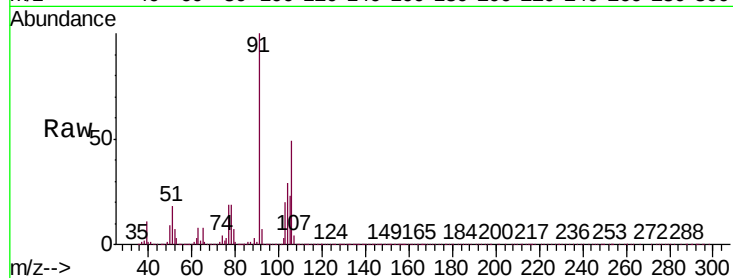




#69
o-Xylene
Concen: 19.461 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

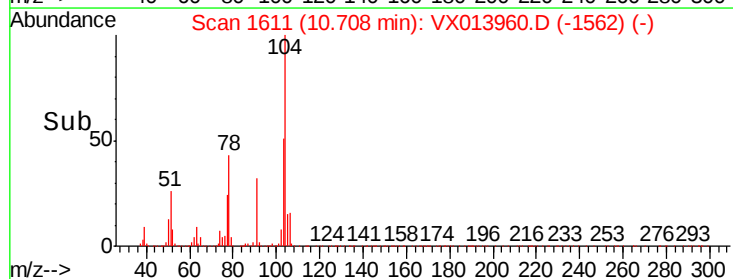
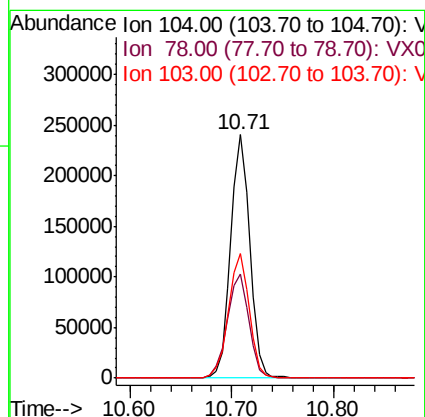
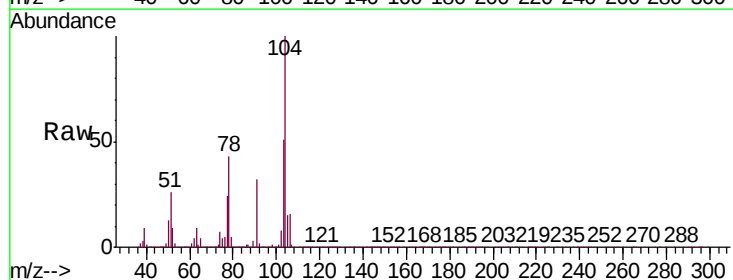
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

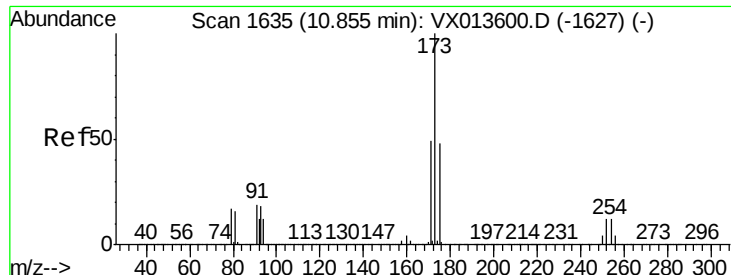
Tgt Ion:106 Resp: 189202
Ion Ratio Lower Upper
106 100
91 206.3 104.1 312.2



#70
Styrene
Concen: 19.068 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion:104 Resp: 311843
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 55.5 43.7 65.5

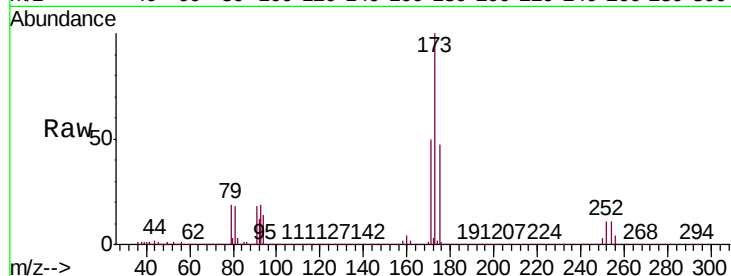




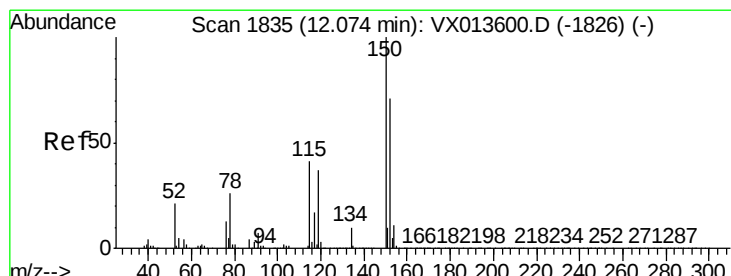
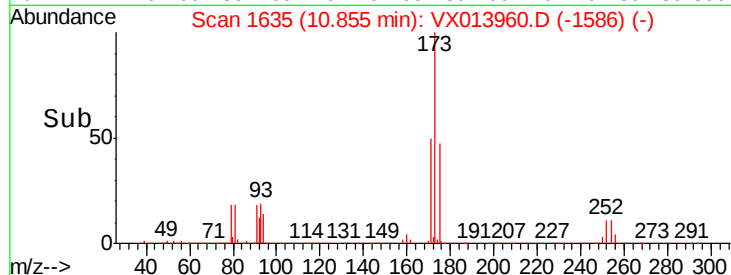
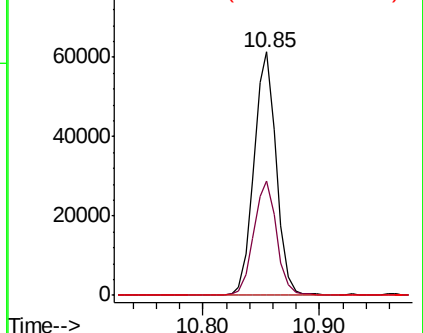
#71
Bromoform
Concen: 18.069 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion:173 Resp: 81342
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.3 0.2 0.4

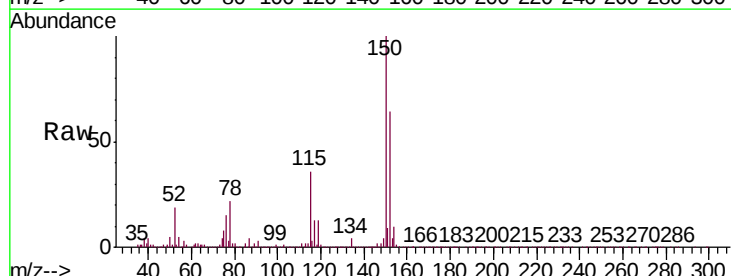


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

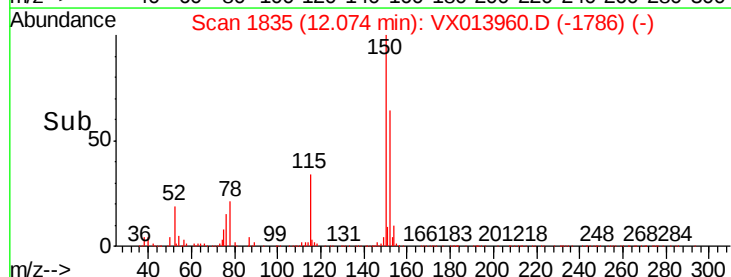
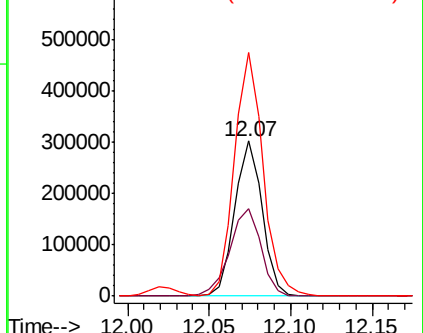


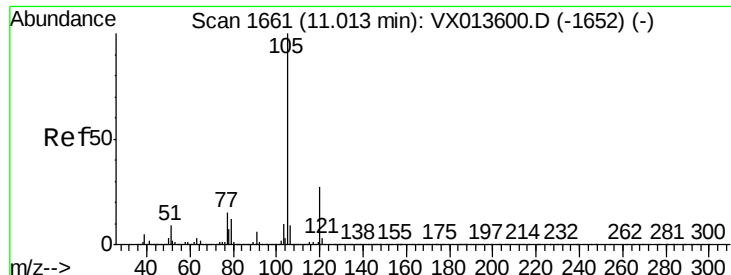
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion:152 Resp: 353789
Ion Ratio Lower Upper
152 100
115 63.7 38.4 115.1
150 163.5 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.851 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

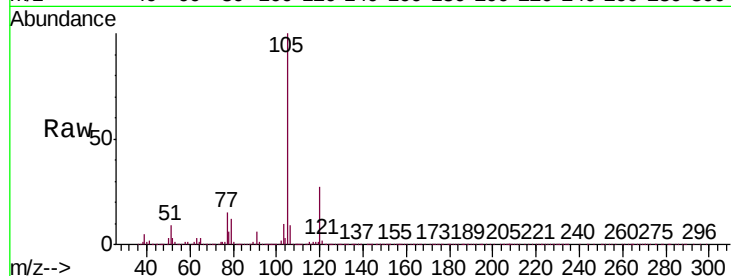
VX1211WBSD02

Tgt Ion: 105 Resp: 492641

Ion Ratio Lower Upper

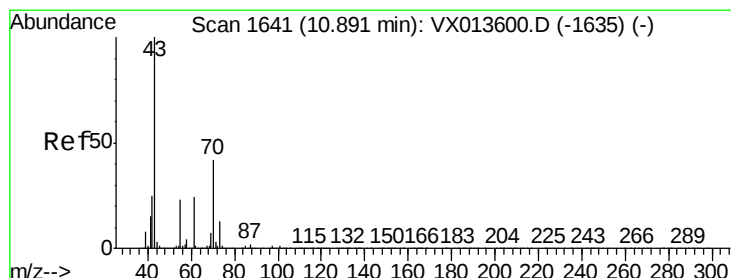
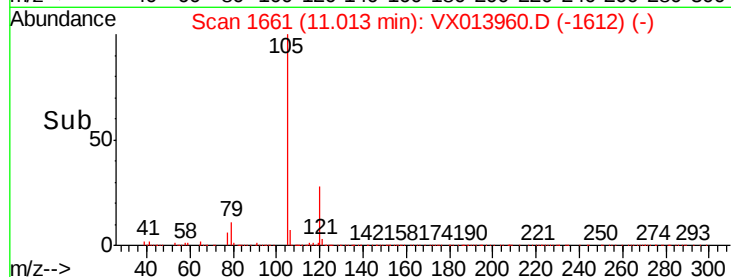
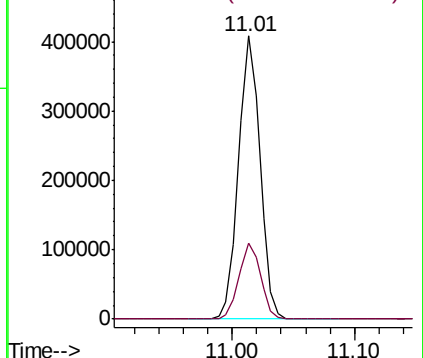
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.258 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Tgt Ion: 43 Resp: 218936

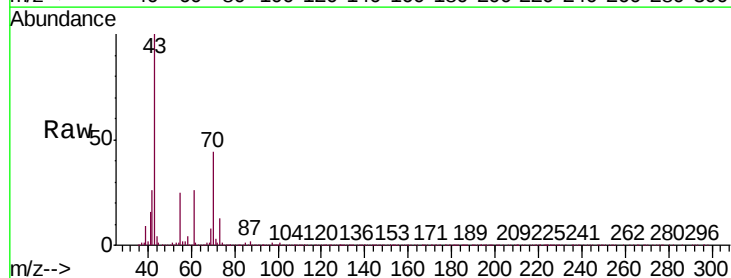
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 25.2 18.5 27.7

61 24.5 19.8 29.8

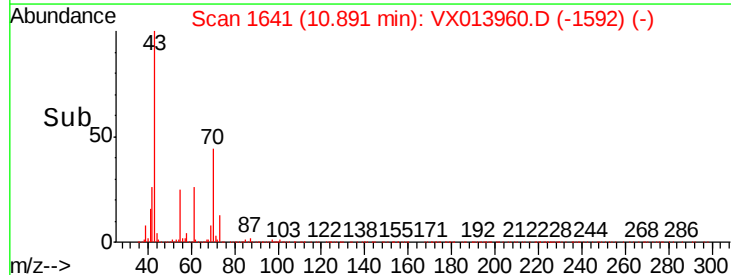
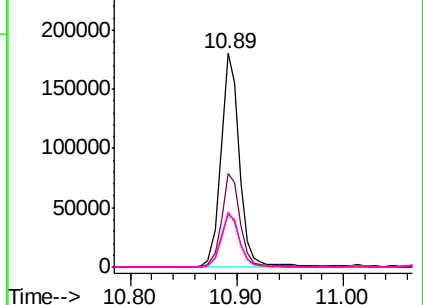


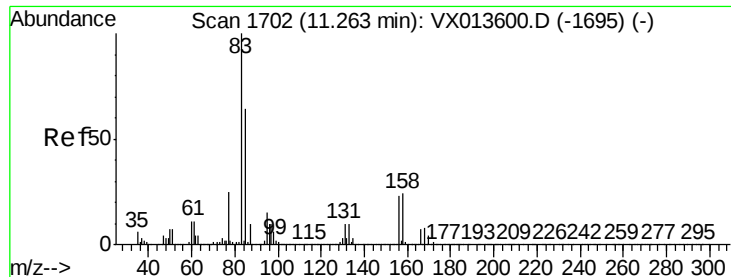
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.674 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

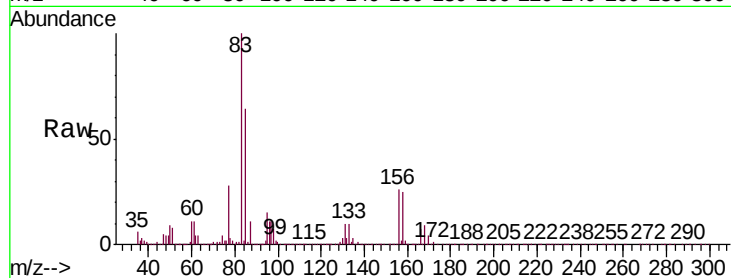
Tgt Ion: 83 Resp: 177930

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

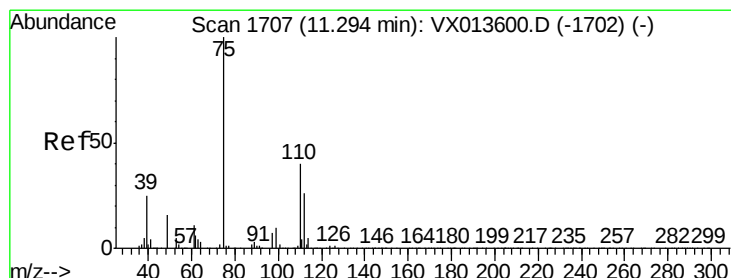
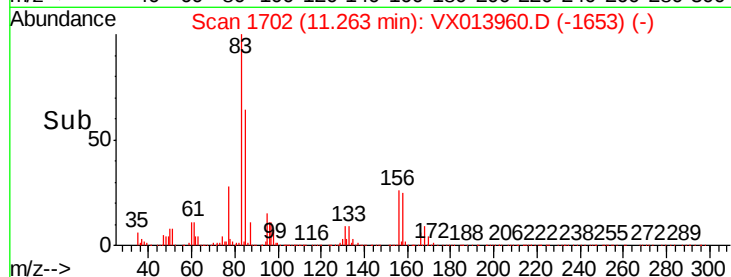
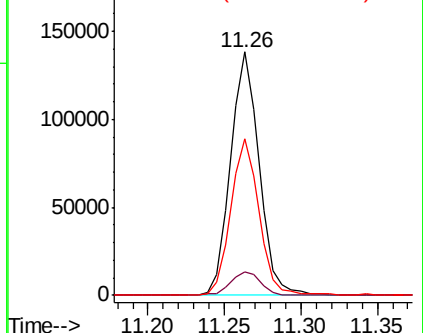
85 64.1 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.508 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013960.D

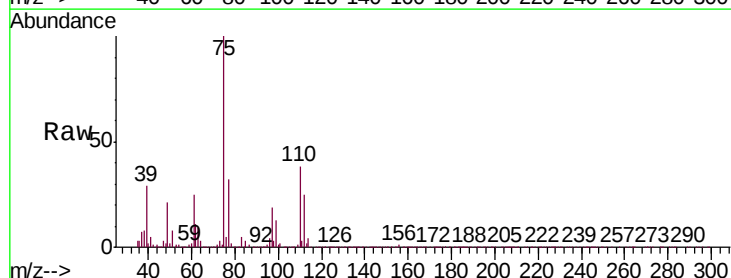
Acq: 11 Dec 2019 22:57

Tgt Ion: 75 Resp: 187064

Ion Ratio Lower Upper

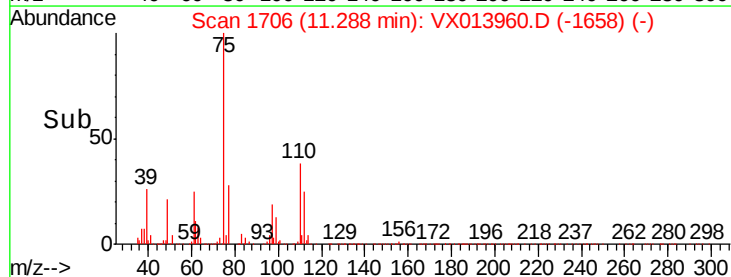
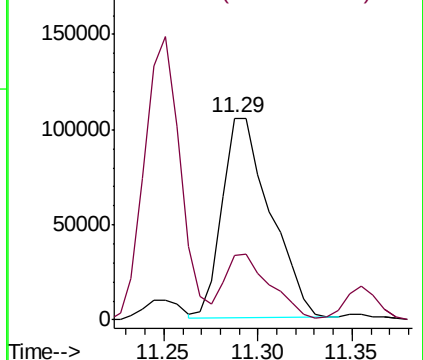
75 100

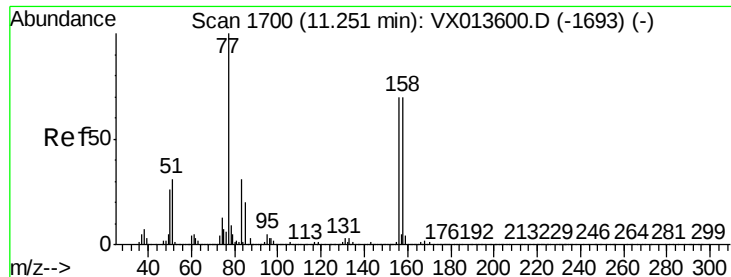
77 30.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.608 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

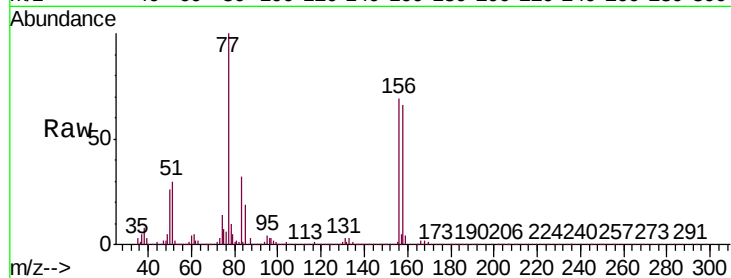
Tgt Ion: 156 Resp: 131457

Ion Ratio Lower Upper

156 100

77 150.8 74.4 223.1

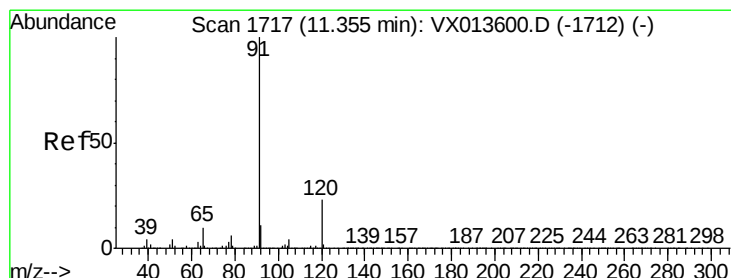
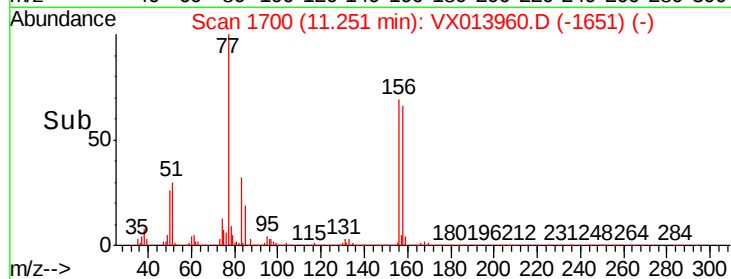
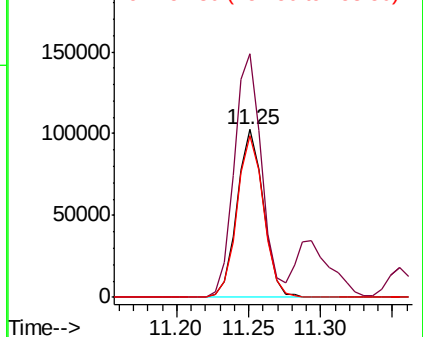
158 96.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.623 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013960.D

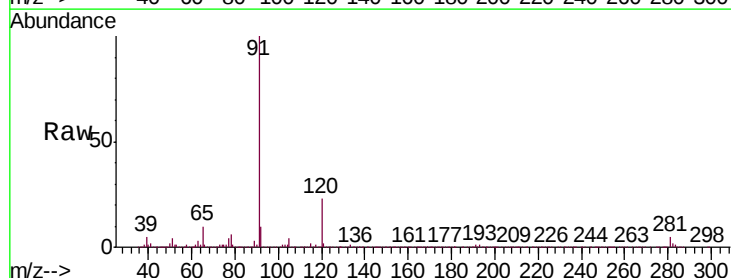
Acq: 11 Dec 2019 22:57

Tgt Ion: 91 Resp: 543626

Ion Ratio Lower Upper

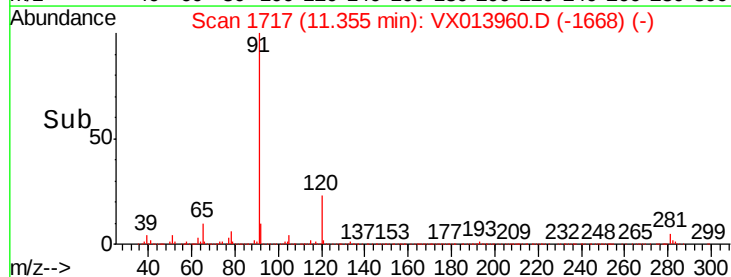
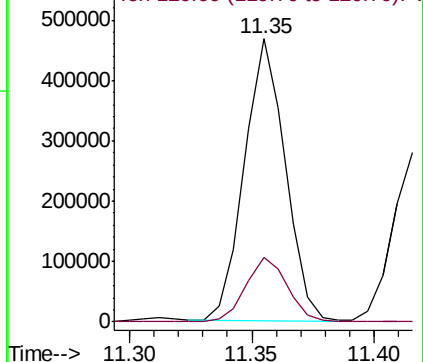
91 100

120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

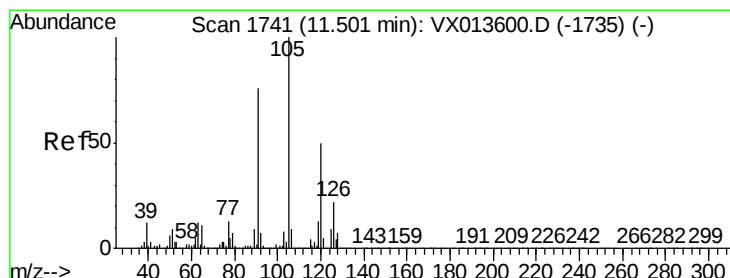
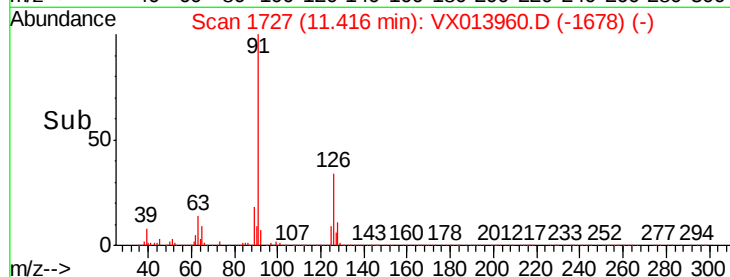
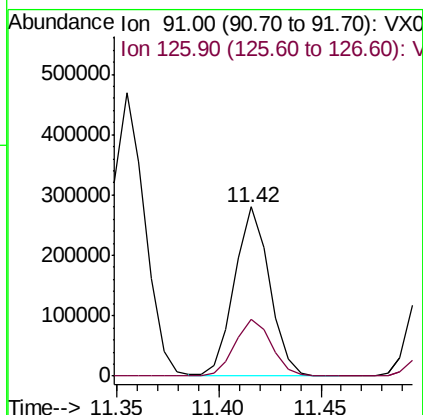
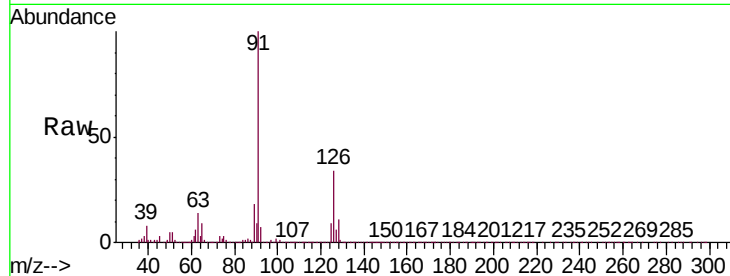




#79
 2-Chlorotoluene
 Concen: 20.002 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

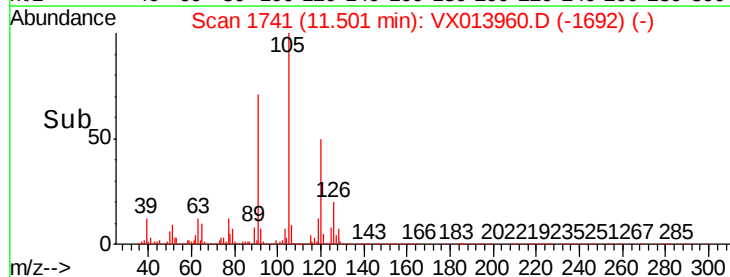
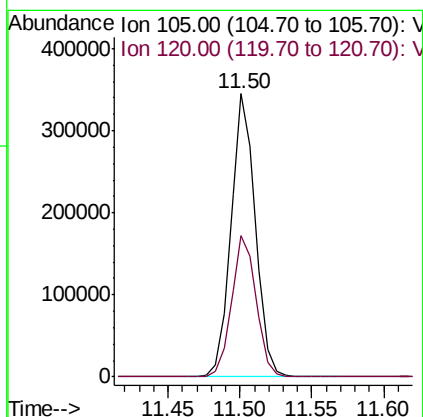
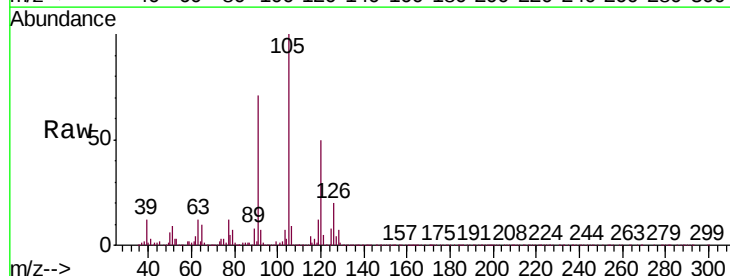
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1211WBSD02

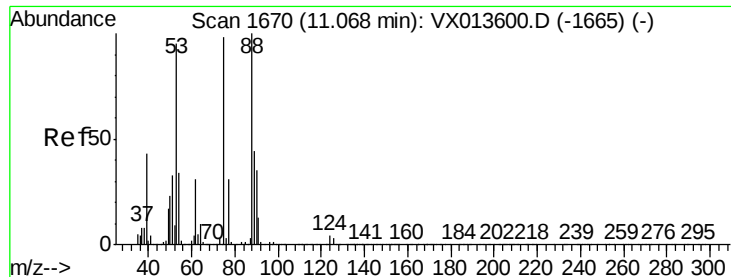
Tgt Ion: 91 Resp: 332400
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.047 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion: 105 Resp: 407758
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.141 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

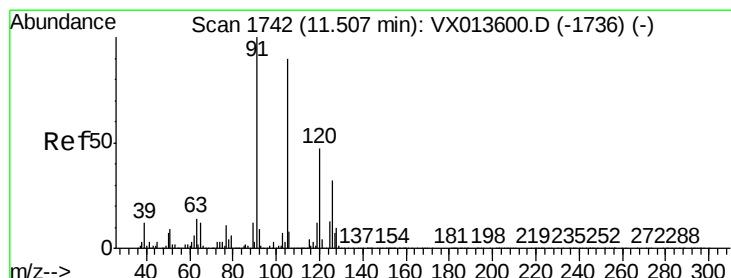
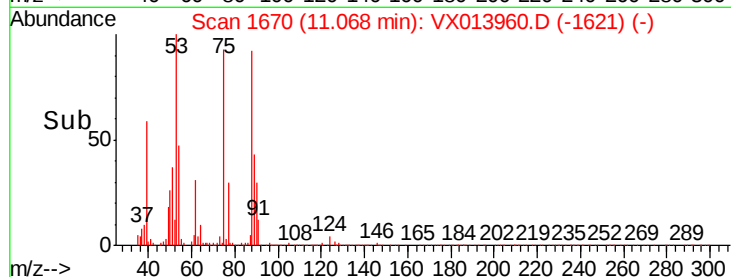
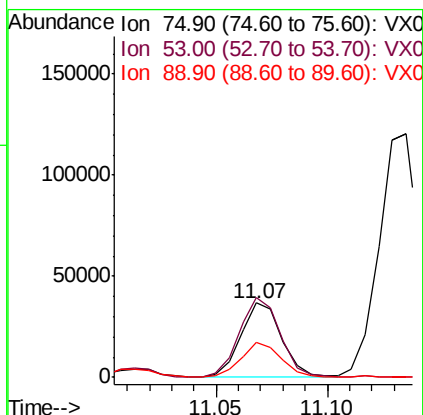
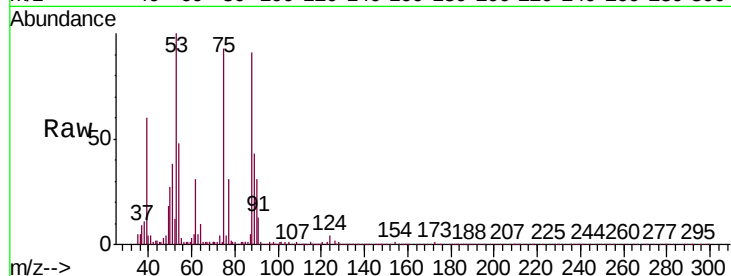
Tgt Ion: 75 Resp: 46948

Ion Ratio Lower Upper

75 100

53 105.9 78.2 117.2

89 45.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.627 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013960.D

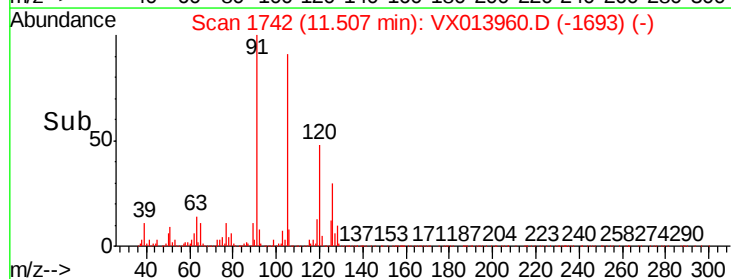
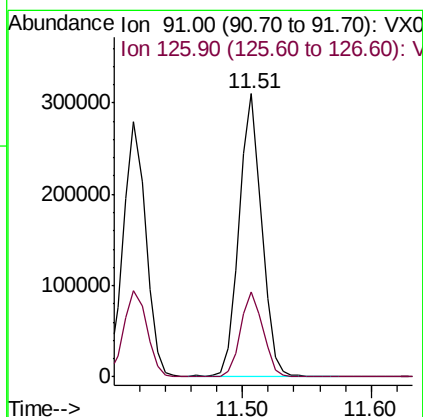
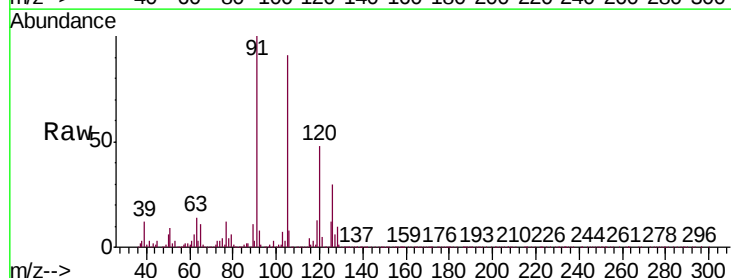
Acq: 11 Dec 2019 22:57

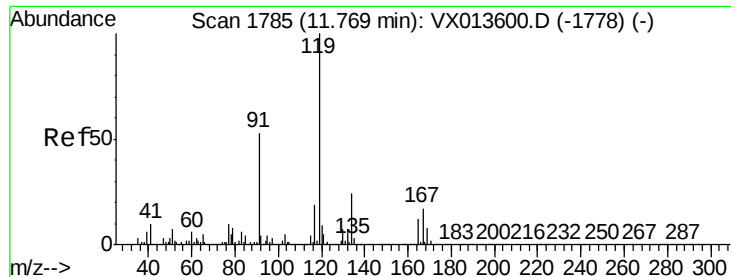
Tgt Ion: 91 Resp: 377781

Ion Ratio Lower Upper

91 100

126 29.9 15.7 47.0

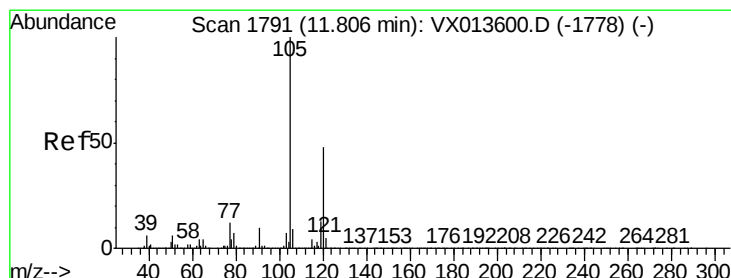
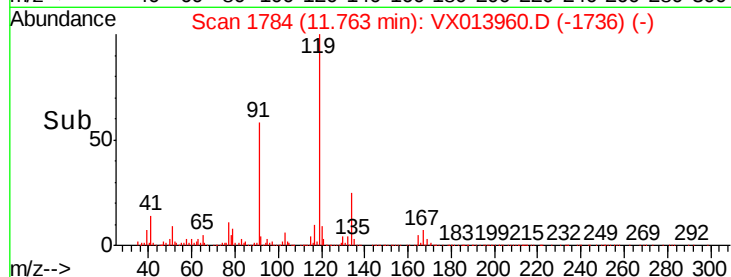
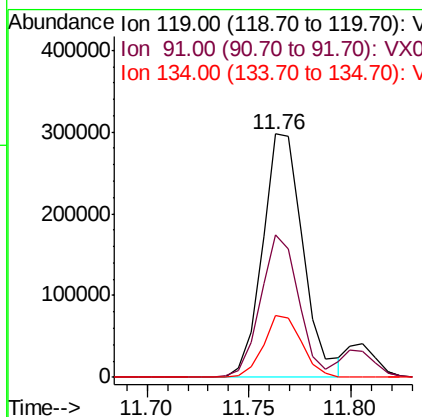
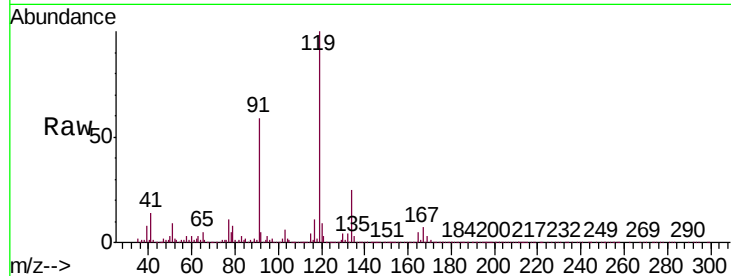




#83
 tert-Butylbenzene
 Concen: 19.969 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

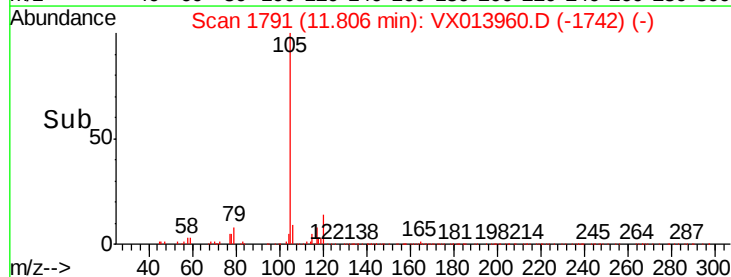
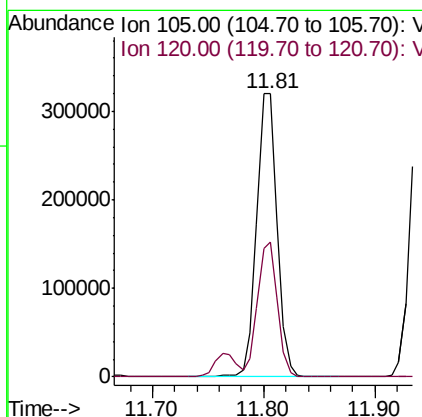
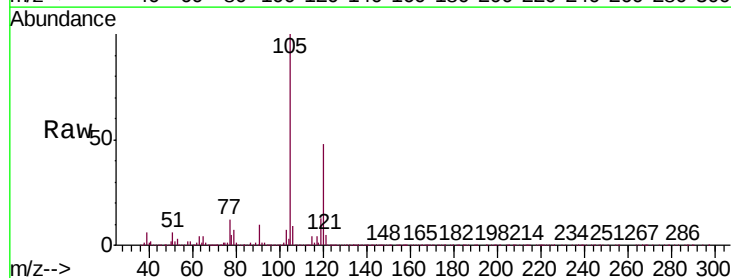
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

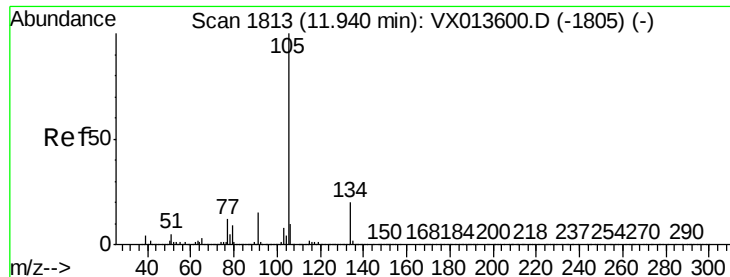
Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.4	27.2	81.6
134	24.1	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.931 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3

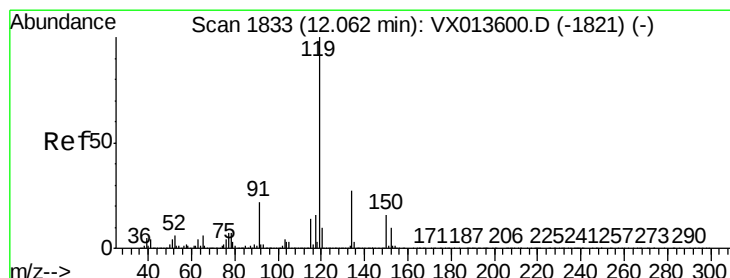
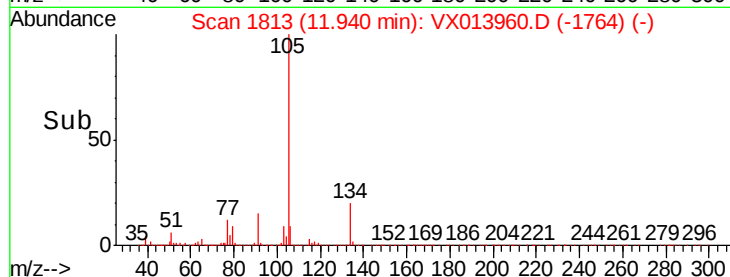
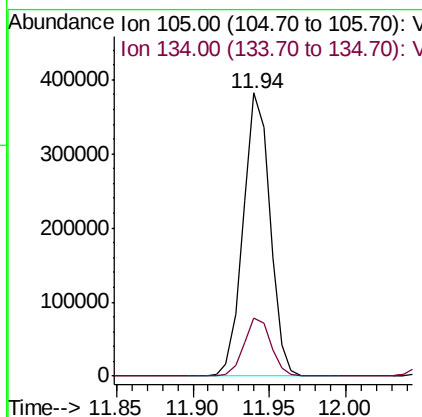
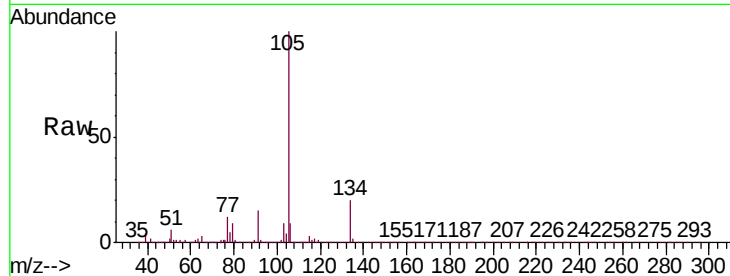




#85
 sec-Butylbenzene
 Concen: 19.622 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

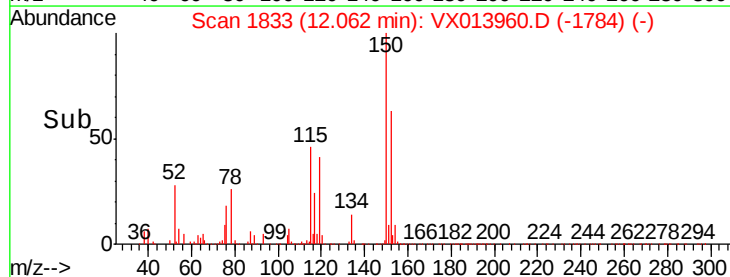
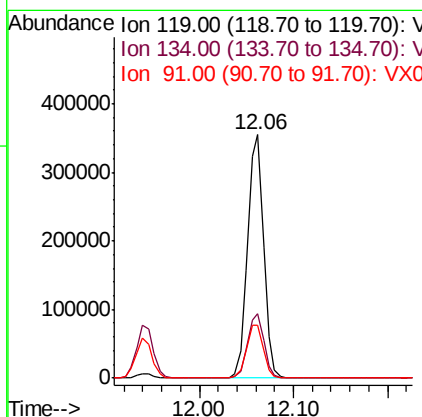
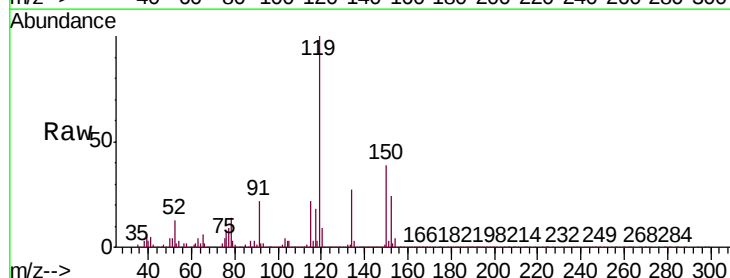
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

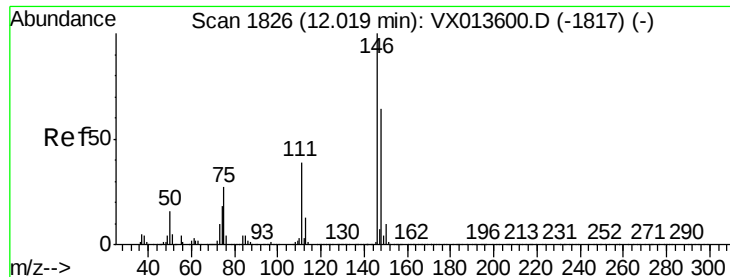
Tgt Ion:105 Resp: 463290
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.179 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion:119 Resp: 421277
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.9
 91 22.8 11.3 33.8

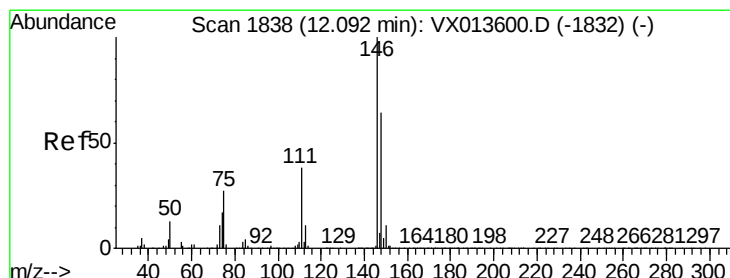
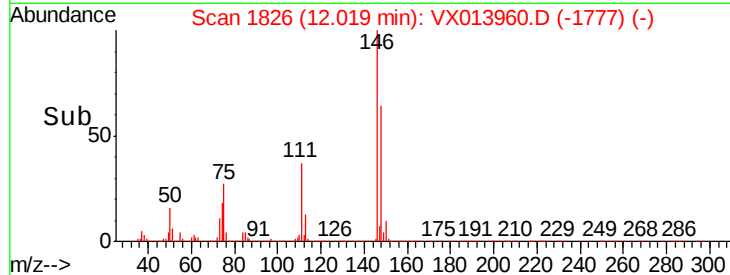
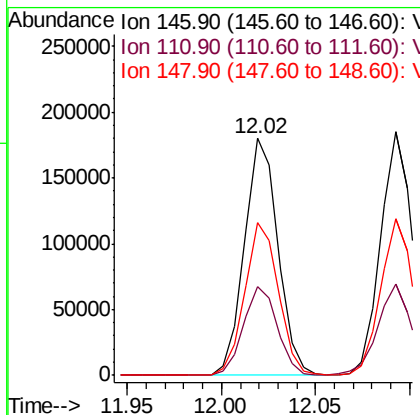
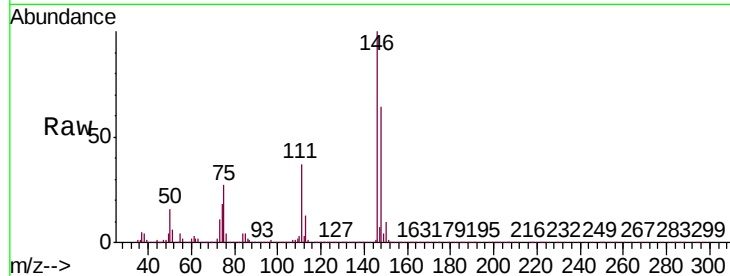




#87
 1,3-Dichlorobenzene
 Concen: 19.075 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

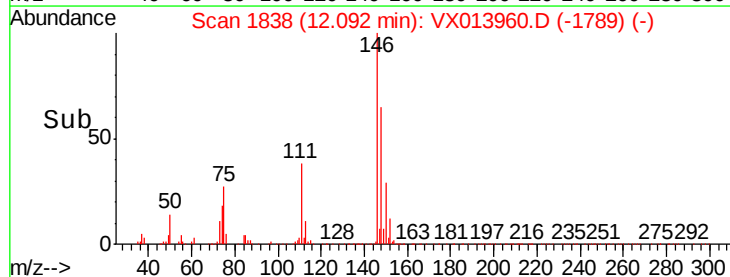
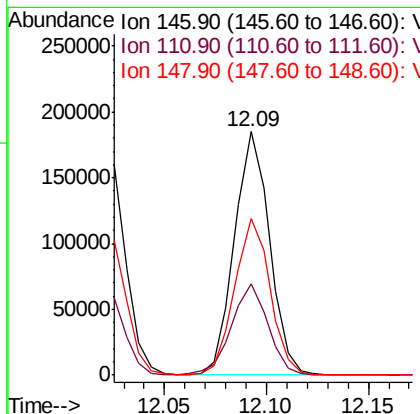
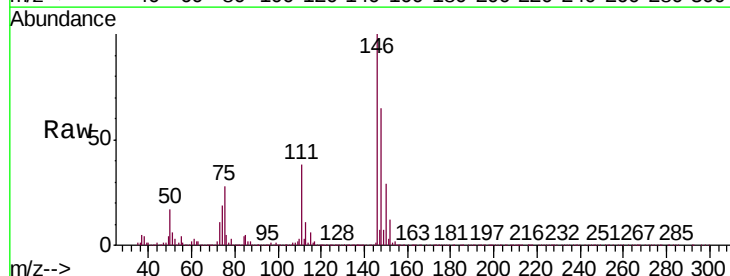
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

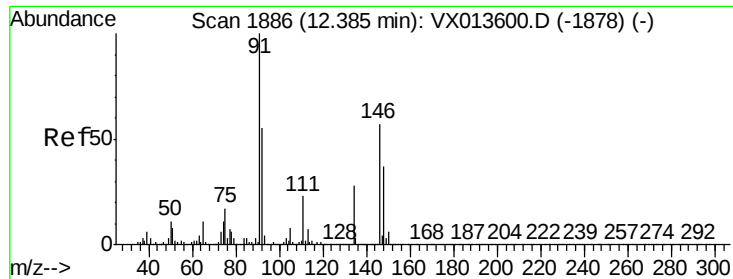
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.5	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.495 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.9
148	65.3	31.9	95.5

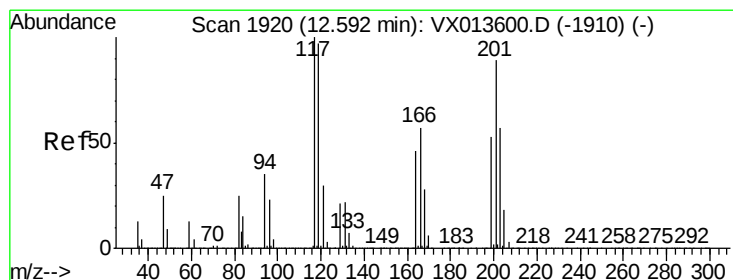
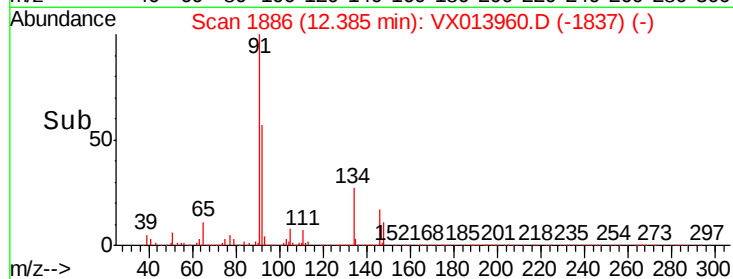
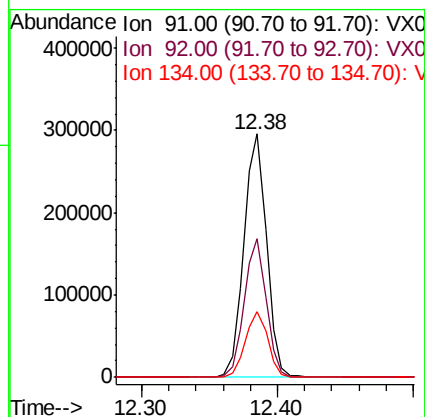
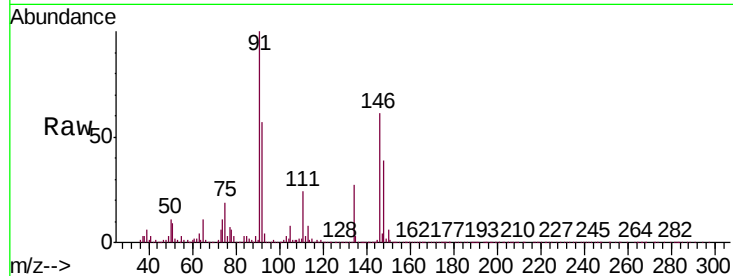




#89
n-Butylbenzene
Concen: 18.290 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

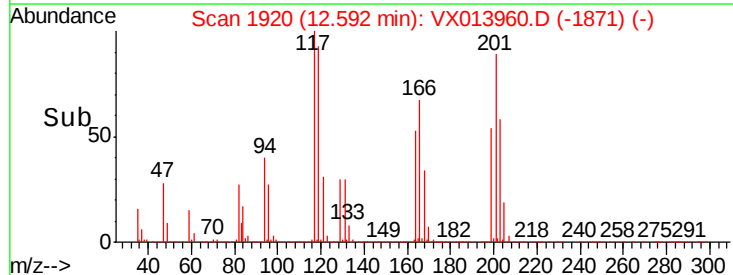
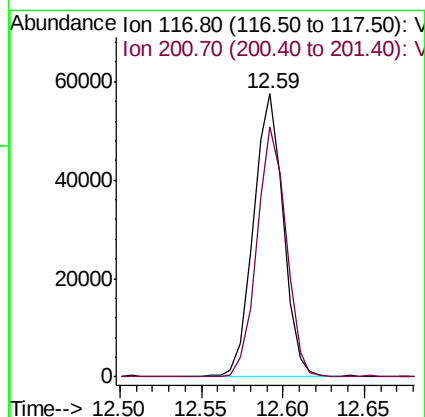
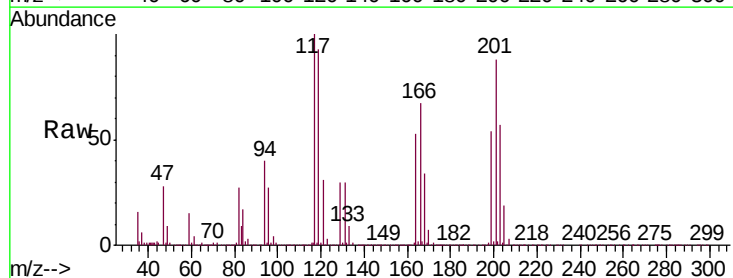
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

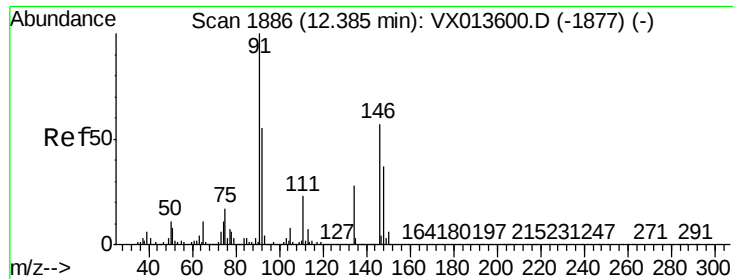
Tgt Ion: 91 Resp: 342646
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.2
134 27.0 13.5 40.4



#90
Hexachloroethane
Concen: 18.399 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion: 117 Resp: 73049
Ion Ratio Lower Upper
117 100
201 87.1 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.811 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

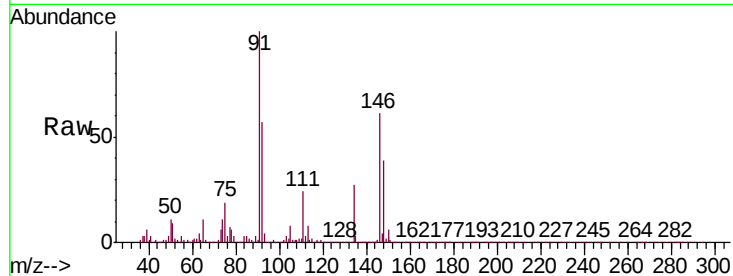
Tgt Ion:146 Resp: 228760

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

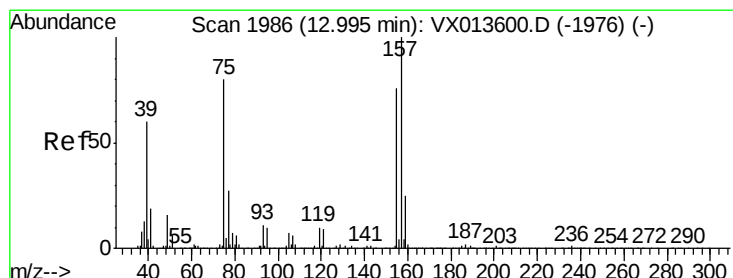
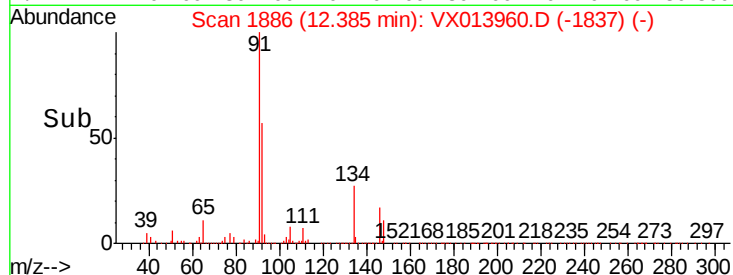
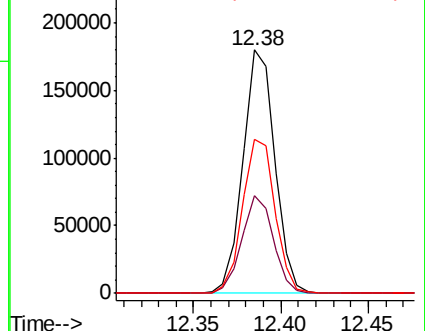
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.008 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

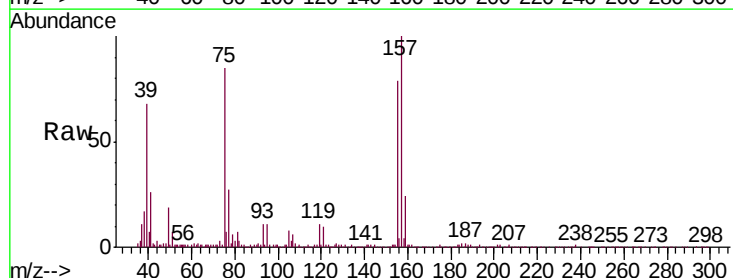
Tgt Ion: 75 Resp: 35625

Ion Ratio Lower Upper

75 100

155 93.8 47.6 142.8

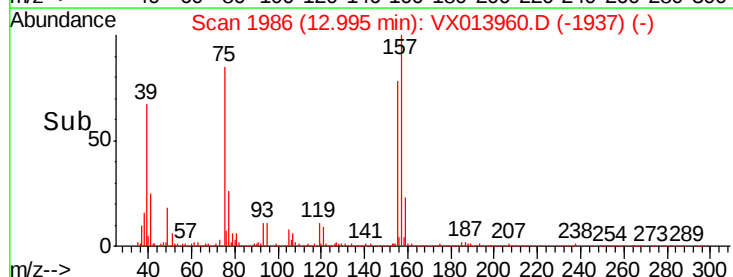
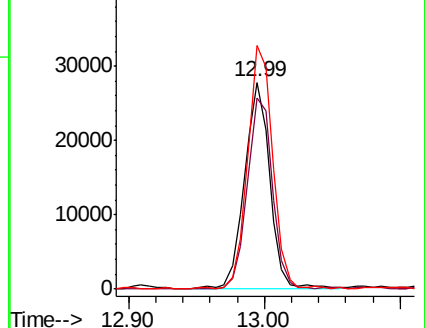
157 119.1 62.1 186.2

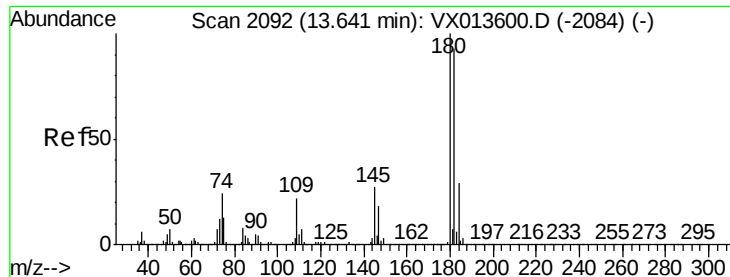


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

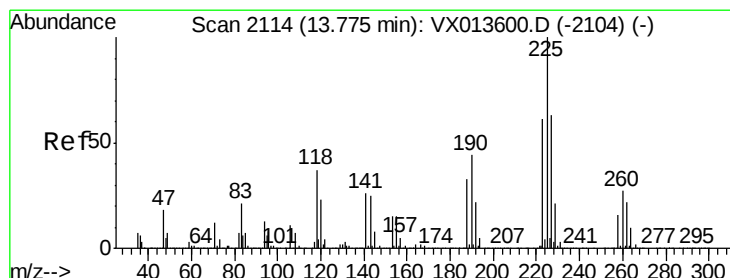
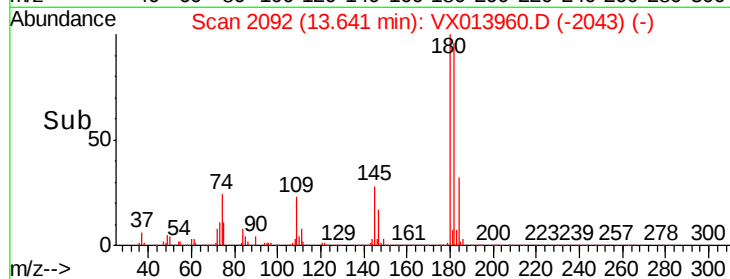
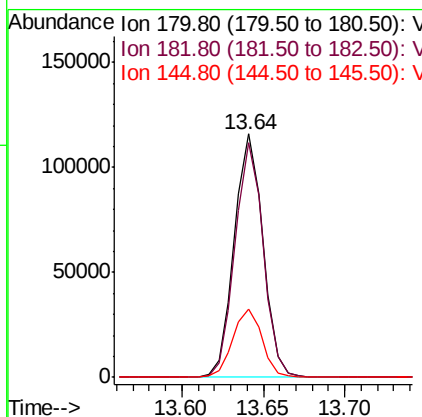
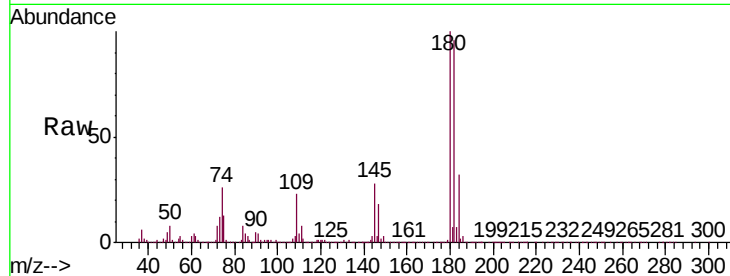




#93
 1,2,4-Trichlorobenzene
 Concen: 17.646 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

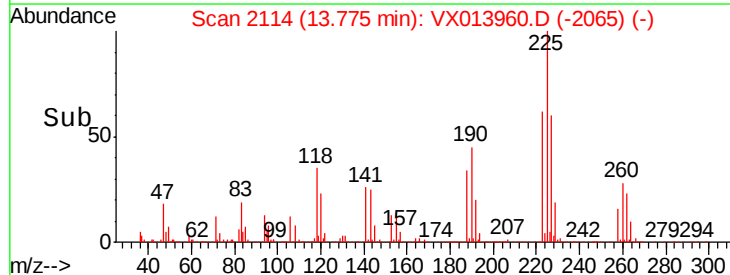
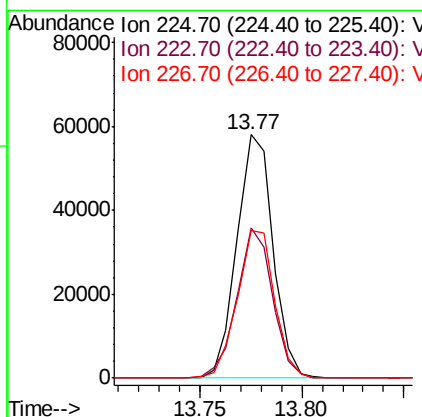
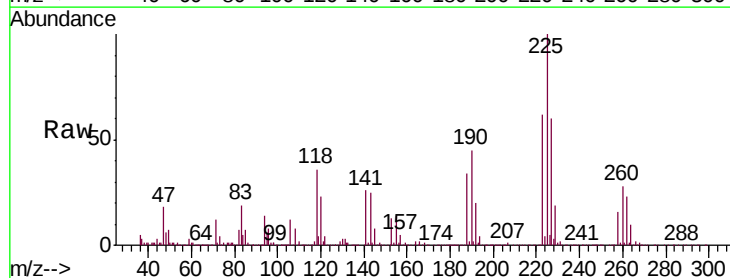
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

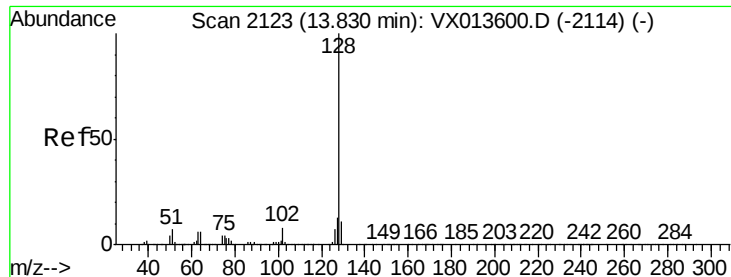
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.2	141.6
145	28.9	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 18.432 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013960.D
 Acq: 11 Dec 2019 22:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.9	95.5
227	63.1	32.1	96.3

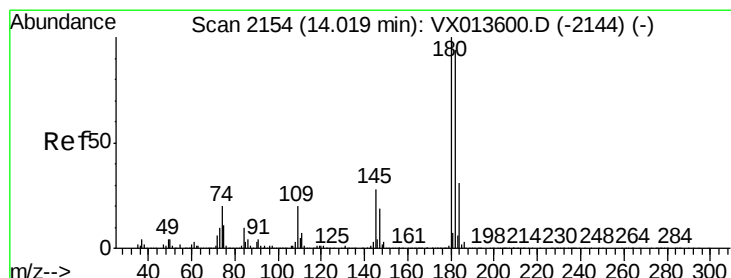
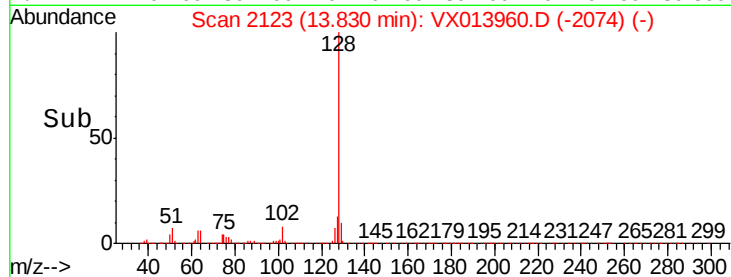
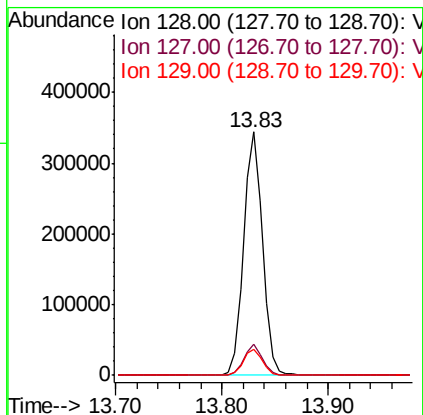
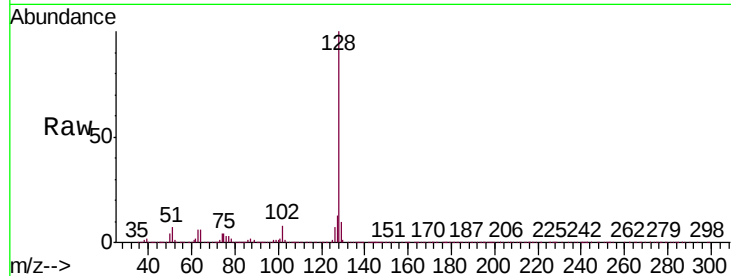




#95
Naphthalene
Concen: 17.806 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion:128 Resp: 426733
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.441 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013960.D
Acq: 11 Dec 2019 22:57

Tgt Ion:180 Resp: 146939
Ion Ratio Lower Upper
180 100
182 96.2 47.6 142.8
145 31.0 15.0 45.0

