

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
 Data File : VX014166.D
 Acq On : 20 Dec 2019 12:10
 Operator : JC/SP
 Sample : VX1220WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

Quant Time: Dec 20 22:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	494151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	745906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	672358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	267794	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	5.48	113	218684	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	8.71	98	830881	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	298027	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	73975	16.733	ug/l	100
3) Chloromethane	1.32	50	99053	16.696	ug/l	99
4) Vinyl Chloride	1.40	62	107032	17.097	ug/l	96
5) Bromomethane	1.63	94	68860	15.498	ug/l	95
6) Chloroethane	1.72	64	70072	18.136	ug/l	96
7) Trichlorofluoromethane	1.92	101	140135	18.083	ug/l	98
8) Diethyl Ether	2.18	74	67391	18.529	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84263	18.038	ug/l	97
10) Methyl Iodide	2.50	142	86841	15.978	ug/l	99
11) Tert butyl alcohol	3.03	59	115790	95.683	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82779	17.415	ug/l	99
13) Acrolein	2.28	56	68525	98.921	ug/l	100
14) Allyl chloride	2.72	41	149069	17.564	ug/l	99
15) Acrylonitrile	3.13	53	264133	93.513	ug/l	99
16) Acetone	2.43	43	252704	69.502	ug/l	100
17) Carbon Disulfide	2.56	76	214956	16.795	ug/l	99
18) Methyl Acetate	2.76	43	134452	18.662	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	295417	18.913	ug/l	98
20) Methylene Chloride	2.84	84	102919	17.975	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	90322	17.248	ug/l	96
22) Diisopropyl ether	3.84	45	317536	18.775	ug/l	94
23) Vinyl Acetate	3.80	43	1366905	99.039	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167861	17.839	ug/l	100
25) 2-Butanone	4.65	43	376919	84.083	ug/l	98
26) 2,2-Dichloropropane	4.57	77	128132	17.539	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	107204	18.101	ug/l	100
28) Bromochloromethane	5.00	49	64314	18.065	ug/l	97
29) Tetrahydrofuran	5.11	42	239080	95.354	ug/l	99
30) Chloroform	5.20	83	162540	18.222	ug/l	100
31) Cyclohexane	5.57	56	148915	17.794	ug/l	90
32) 1,1,1-Trichloroethane	5.48	97	133085	17.506	ug/l	99
36) 1,1-Dichloropropene	5.78	75	119513	17.462	ug/l	99
37) Ethyl Acetate	4.81	43	142584	18.866	ug/l	99
38) Carbon Tetrachloride	5.78	117	114650	18.388	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	153602	18.176	ug/l	99
40) Benzene	6.13	78	382081	18.144	ug/l	100
41) Methacrylonitrile	5.02	41	81468	19.427	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135297	18.954	ug/l	100
43) Isopropyl Acetate	6.43	43	238876	19.098	ug/l	99
44) Trichloroethene	7.20	130	103384	17.774	ug/l	99
45) 1,2-Dichloropropane	7.50	63	101929	18.885	ug/l	98
46) Dibromomethane	7.65	93	65472	18.347	ug/l	99
47) Bromodichloromethane	7.89	83	123375	18.357	ug/l	99
48) Methyl methacrylate	7.76	41	113529	18.536	ug/l	98
49) 1,4-Dioxane	7.73	88	49972	400.931	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	740192	94.230	ug/l	99
52) Toluene	8.78	92	243891	18.323	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	135574	18.397	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154097	18.769	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99165	18.589	ug/l	98
56) Ethyl methacrylate	9.17	69	157710	18.820	ug/l	100
57) 1,3-Dichloropropane	9.37	76	169470	18.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	302719	95.457	ug/l	98
59) 2-Hexanone	9.48	43	561716	88.831	ug/l	99
60) Dibromochloromethane	9.57	129	101331	19.109	ug/l	100
61) 1,2-Dibromoethane	9.67	107	102327	18.747	ug/l	98
64) Tetrachloroethene	9.33	164	104806	17.616	ug/l	96
65) Chlorobenzene	10.13	112	258071	18.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94835	18.579	ug/l	99
67) Ethyl Benzene	10.25	91	445012	18.106	ug/l	99
68) m/p-Xylenes	10.35	106	345908	36.592	ug/l	100
69) o-Xylene	10.69	106	167690	18.087	ug/l	99
70) Styrene	10.71	104	281548	17.959	ug/l	98
71) Bromoform	10.85	173	73916	18.015	ug/l #	99
73) Isopropylbenzene	11.01	105	447981	18.744	ug/l	100
74) N-amyl acetate	10.89	43	200467	17.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154146	18.603	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	165753	22.492	ug/l	92
77) Bromobenzene	11.25	156	118397	18.005	ug/l	98
78) n-propylbenzene	11.35	91	500180	18.658	ug/l	100
79) 2-Chlorotoluene	11.42	91	301793	18.520	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	366716	18.232	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44512	17.048	ug/l	92
82) 4-Chlorotoluene	11.51	91	339053	17.937	ug/l	100
83) tert-Butylbenzene	11.76	119	358028	18.290	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	372829	18.509	ug/l	99
85) sec-Butylbenzene	11.94	105	428358	18.537	ug/l	99
86) p-Isopropyltoluene	12.06	119	395503	18.711	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205560	17.836	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	204629	17.462	ug/l	98
89) n-Butylbenzene	12.38	91	329708	18.280	ug/l	99
90) Hexachloroethane	12.59	117	67743	17.842	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	208171	17.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32466	17.706	ug/l	99

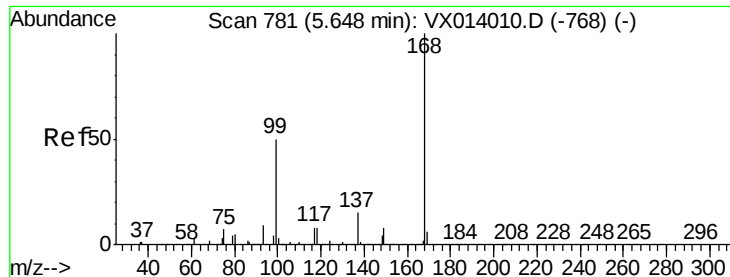
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139938	18.558	ug/l	99
94) Hexachlorobutadiene	13.77	225	68393	18.873	ug/l	98
95) Naphthalene	13.83	128	420943	19.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138185	18.564	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

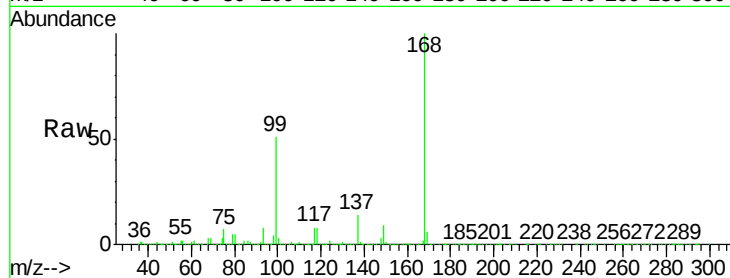
VX1220WBSD01

Tgt Ion:168 Resp: 494151

Ion Ratio Lower Upper

168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

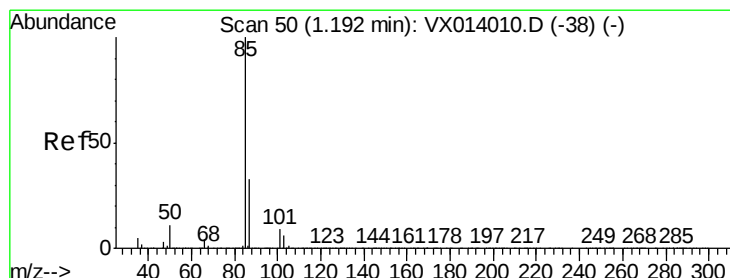
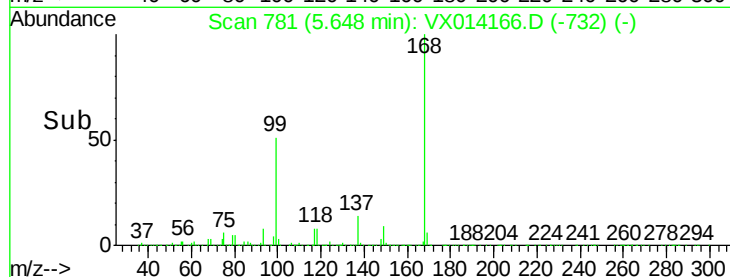
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.733 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014166.D

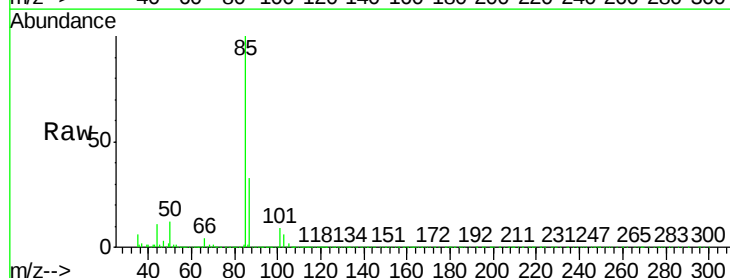
Acq: 20 Dec 2019 12:10

Tgt Ion: 85 Resp: 73975

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

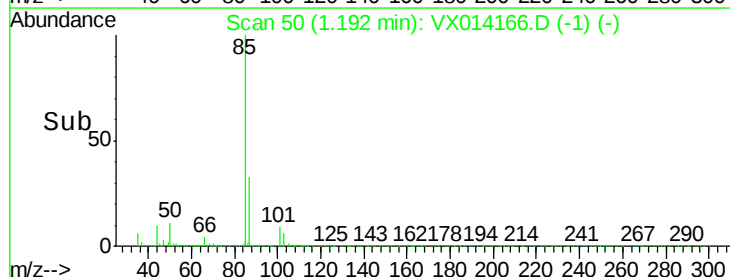
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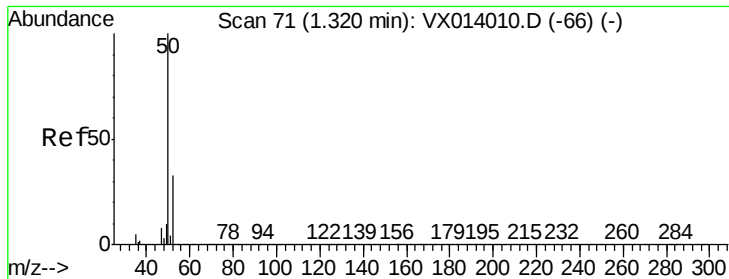
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.696 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

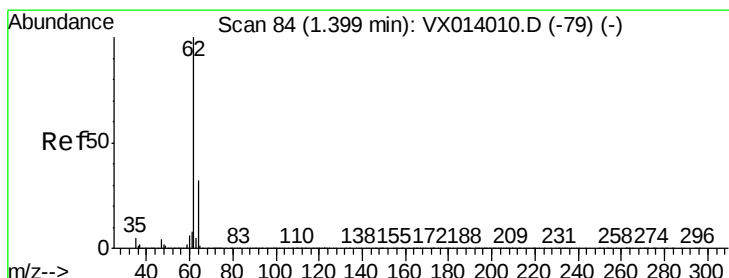
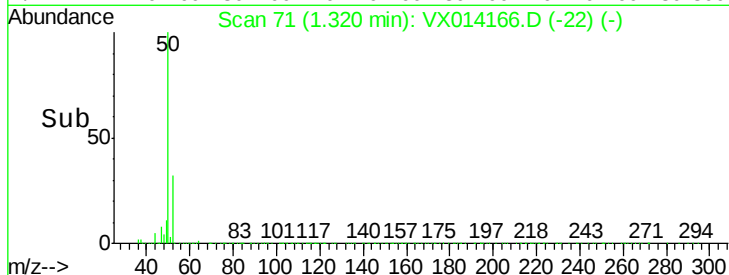
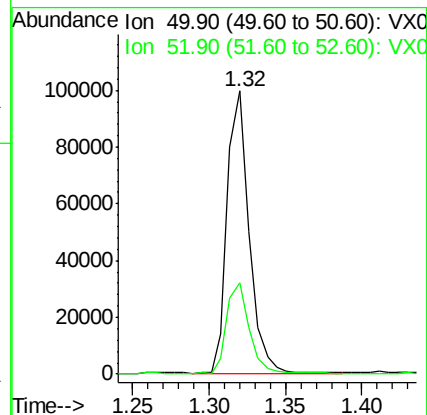
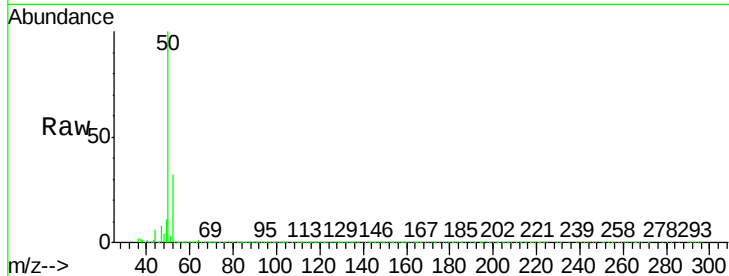
VX1220WBSD01

Tgt Ion: 50 Resp: 99053

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.4



#4

Vinyl Chloride

Concen: 17.097 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014166.D

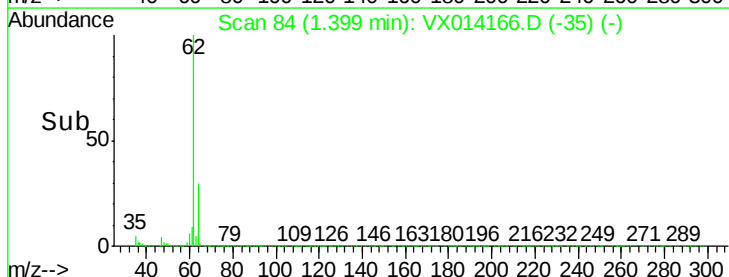
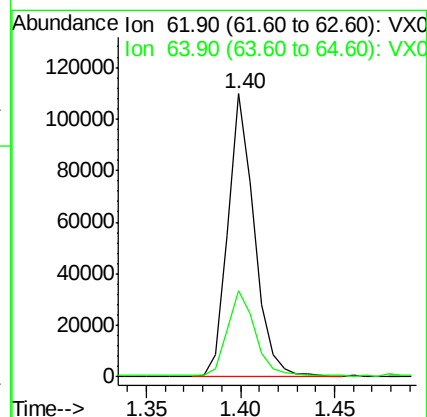
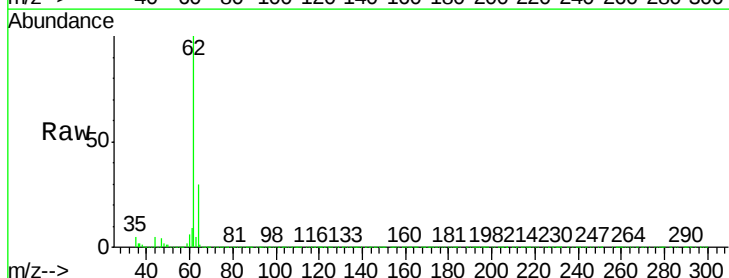
Acq: 20 Dec 2019 12:10

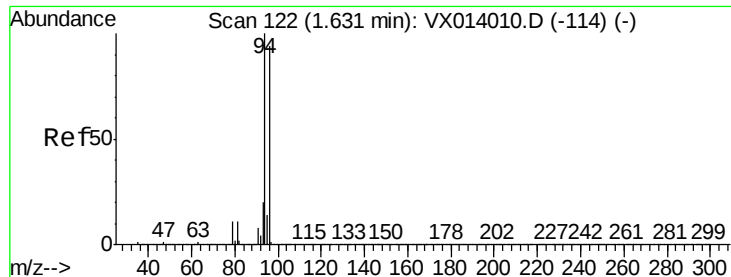
Tgt Ion: 62 Resp: 107032

Ion Ratio Lower Upper

62 100

64 29.8 25.7 38.5





#5

Bromomethane

Concen: 15.498 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

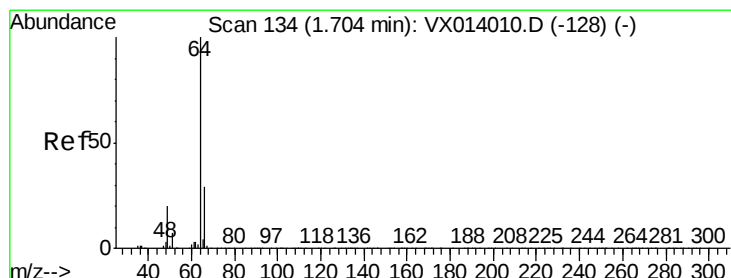
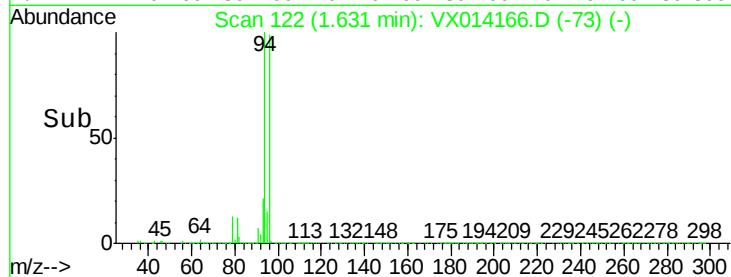
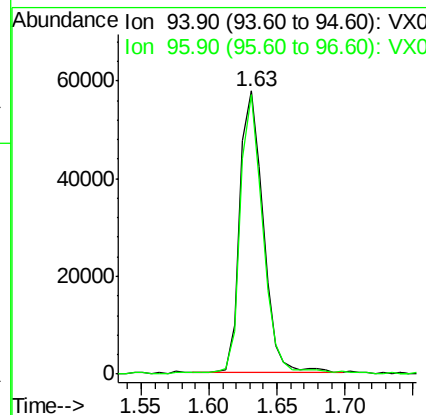
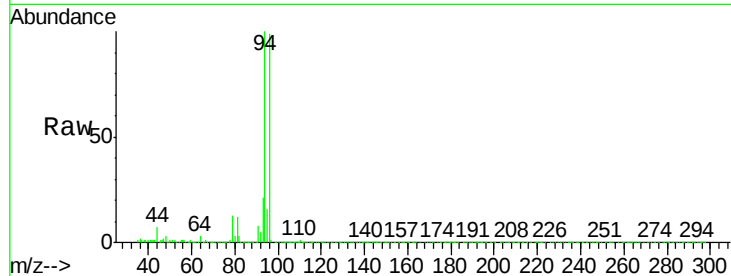
VX1220WBSD01

Tgt Ion: 94 Resp: 68860

Ion Ratio Lower Upper

94 100

96 98.7 75.2 112.8



#6

Chloroethane

Concen: 18.136 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014166.D

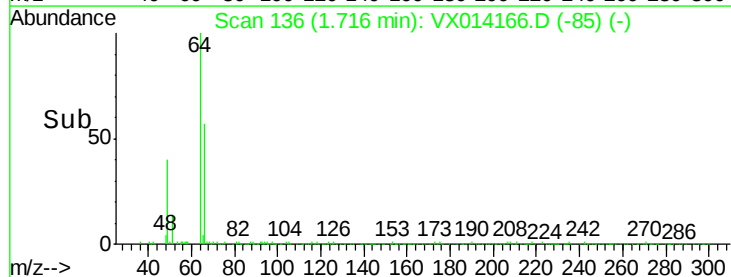
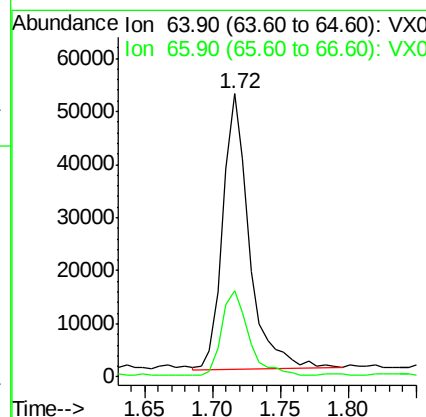
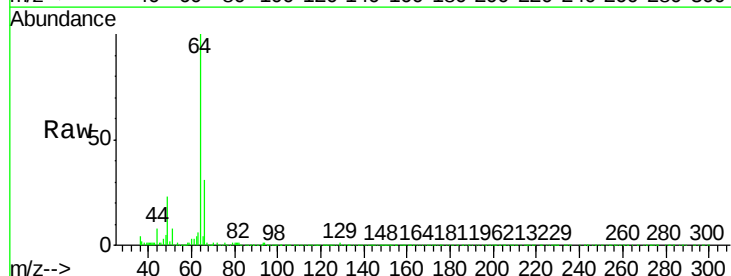
Acq: 20 Dec 2019 12:10

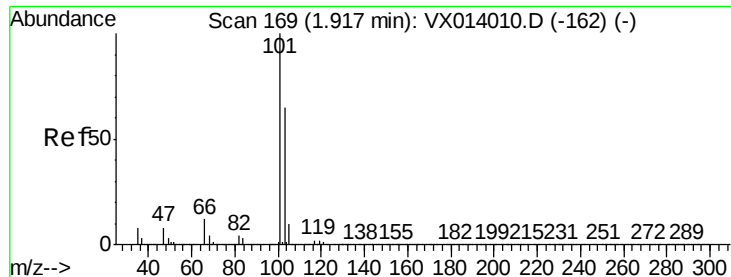
Tgt Ion: 64 Resp: 70072

Ion Ratio Lower Upper

64 100

66 31.2 23.4 35.2



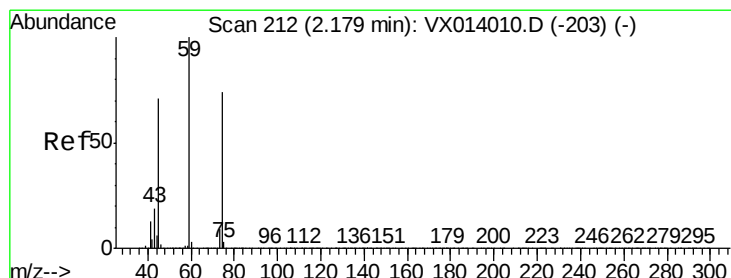
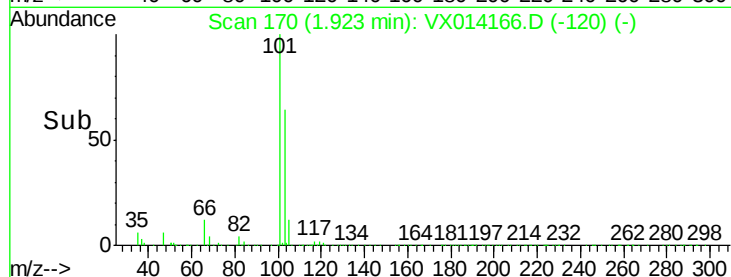
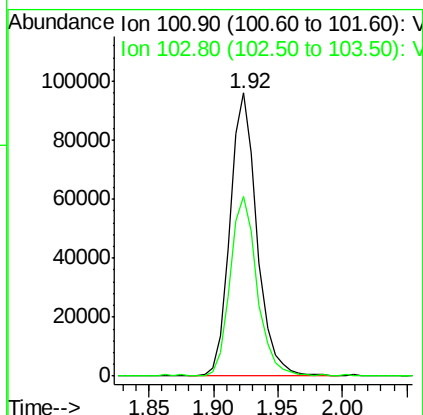
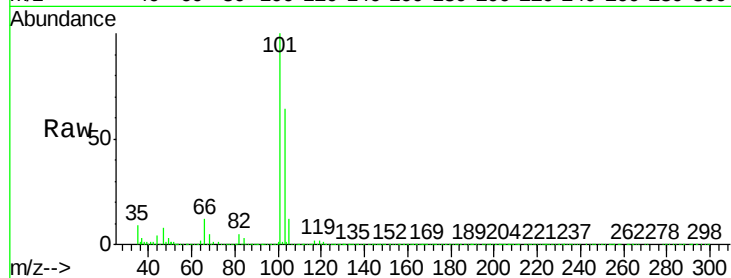


#7

Trichlorofluoromethane
Concen: 18.083 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

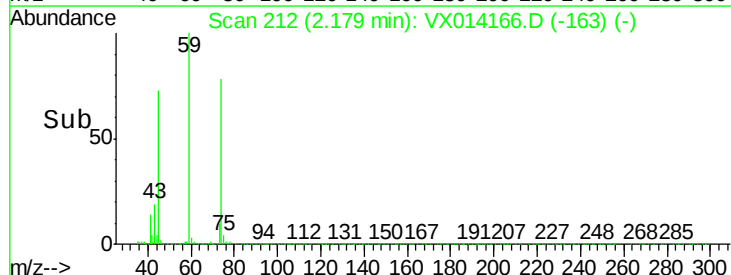
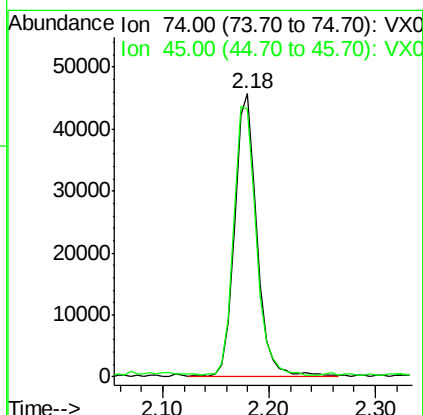
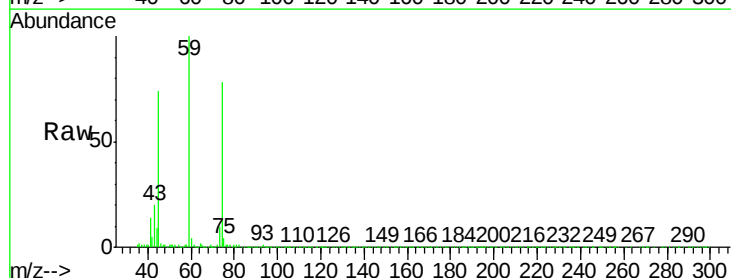
Tgt Ion:101 Resp: 140135
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

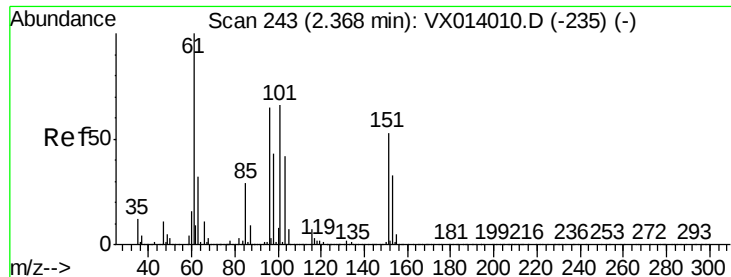


#8

Diethyl Ether
Concen: 18.529 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 74 Resp: 67391
Ion Ratio Lower Upper
74 100
45 95.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.038 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

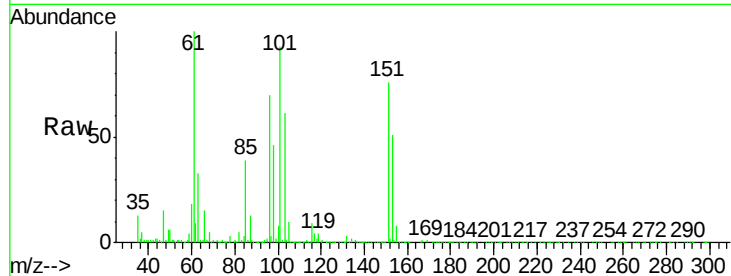
Tgt Ion:101 Resp: 84263

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

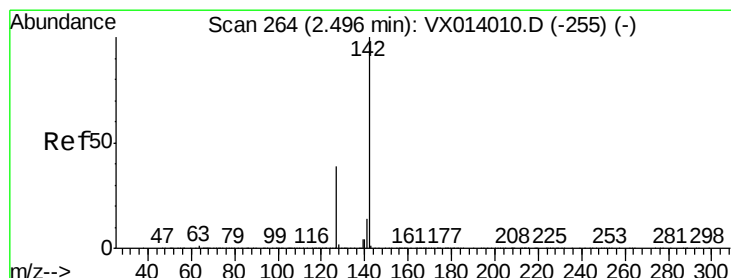
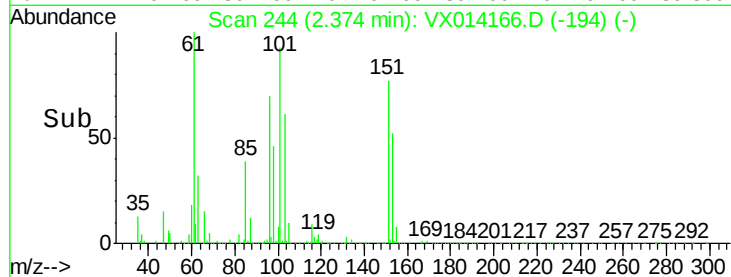
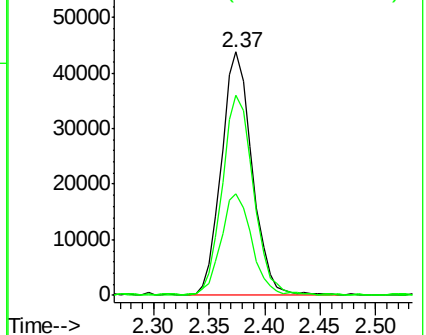
151 84.0 64.5 96.7



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: 15.978 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

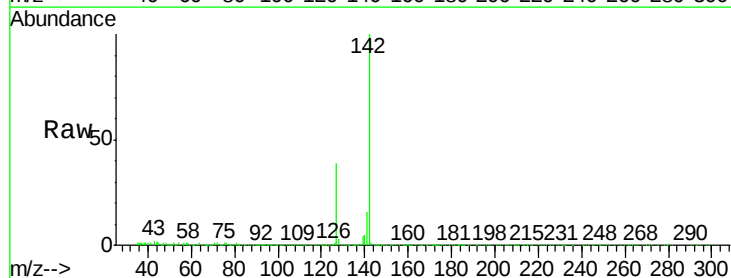
Tgt Ion:142 Resp: 86841

Ion Ratio Lower Upper

142 100

127 38.8 31.6 47.4

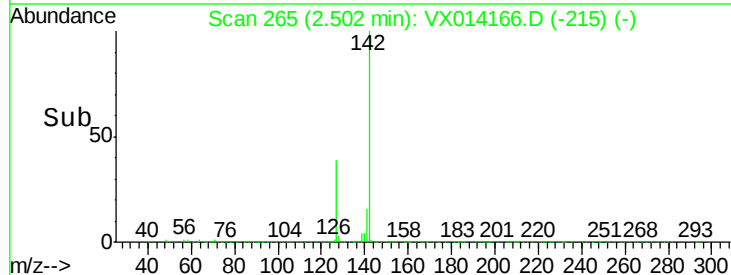
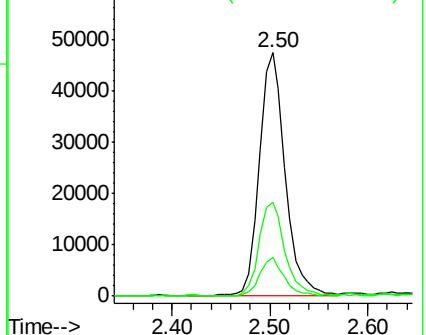
141 15.3 11.6 17.4

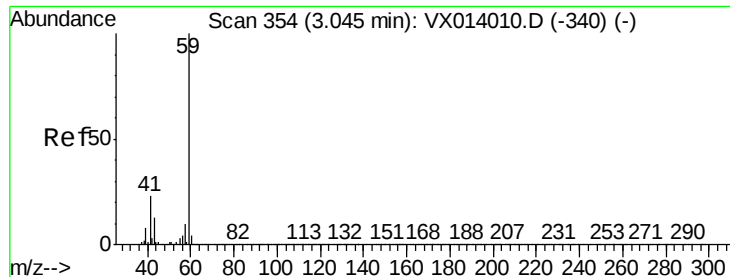


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



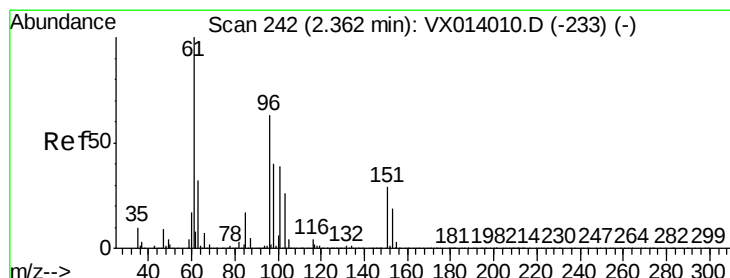
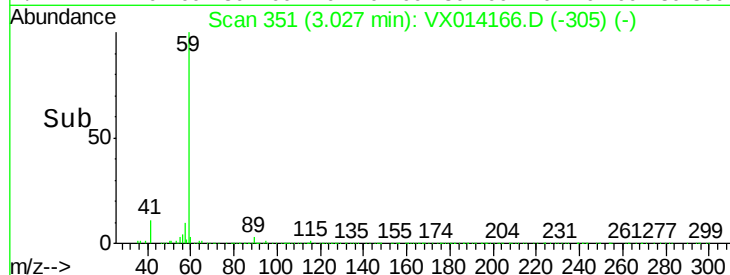
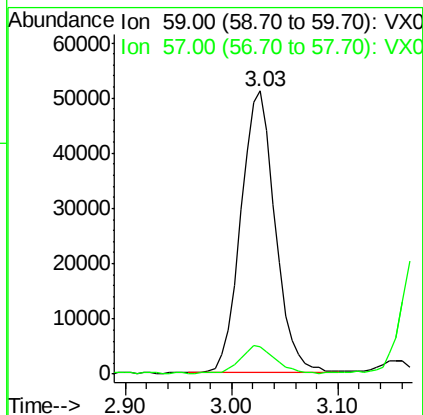
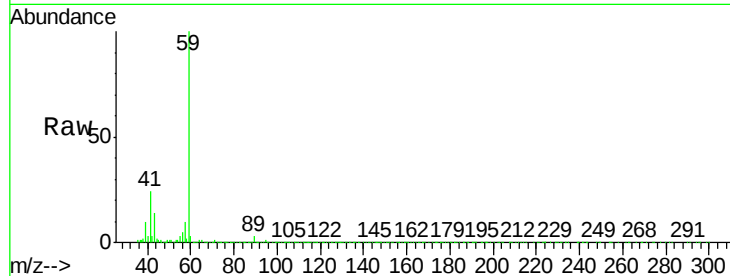


#11

Tert butyl alcohol
Concen: 95.683 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

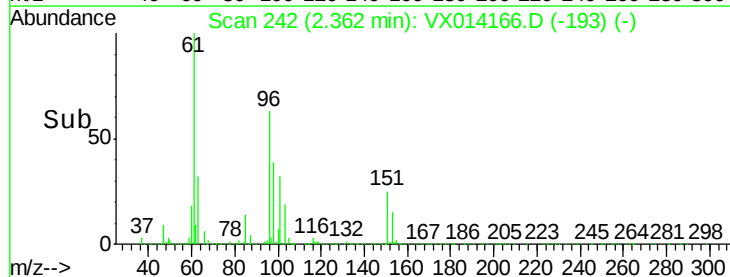
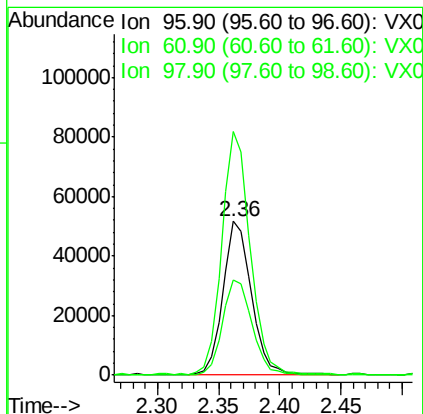
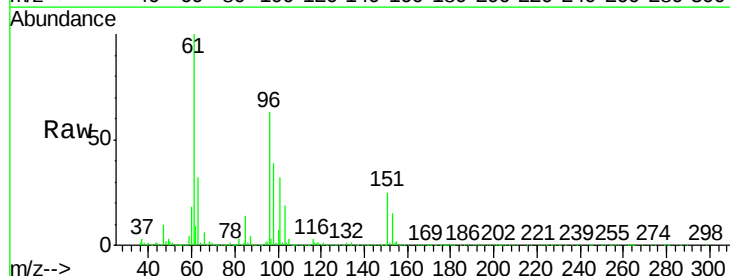
Tgt Ion: 59 Resp: 115790
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

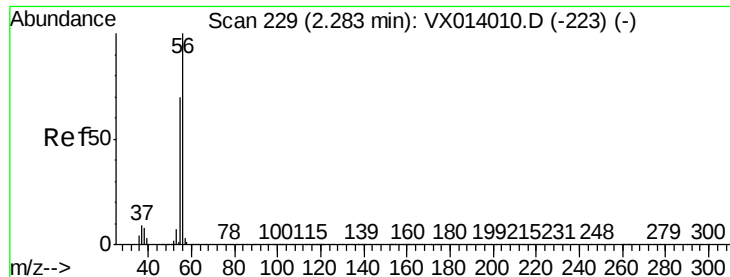


#12

1,1-Dichloroethene
Concen: 17.415 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 96 Resp: 82779
Ion Ratio Lower Upper
96 100
61 158.4 127.9 191.9
98 61.8 50.5 75.7





#13

Acrolein

Concen: 98.921 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

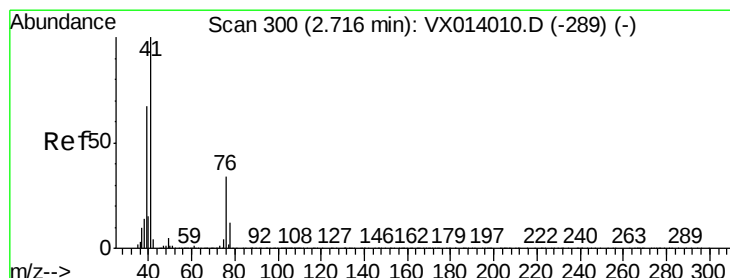
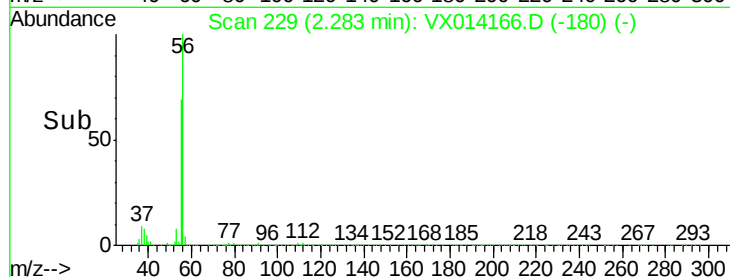
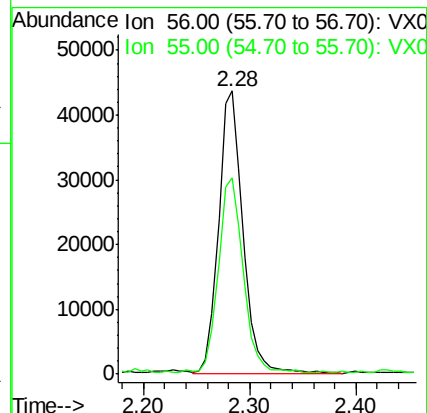
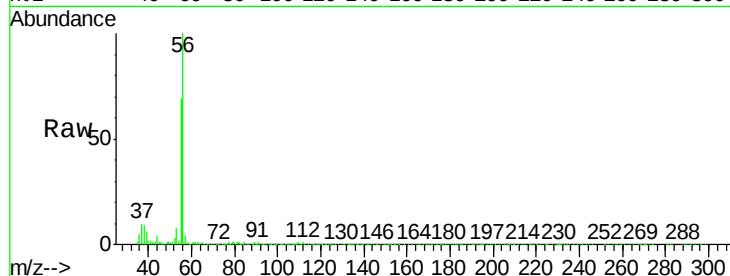
VX1220WBSD01

Tgt Ion: 56 Resp: 68525

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 17.564 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

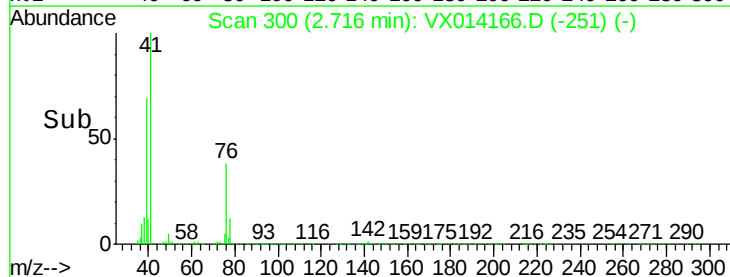
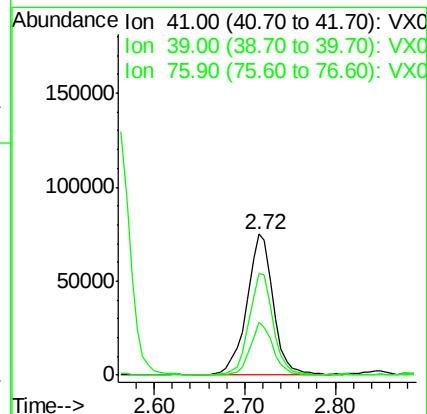
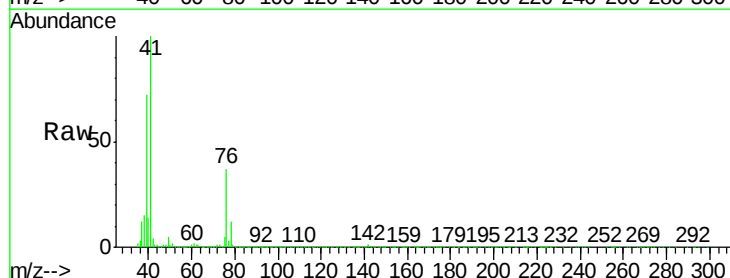
Tgt Ion: 41 Resp: 149069

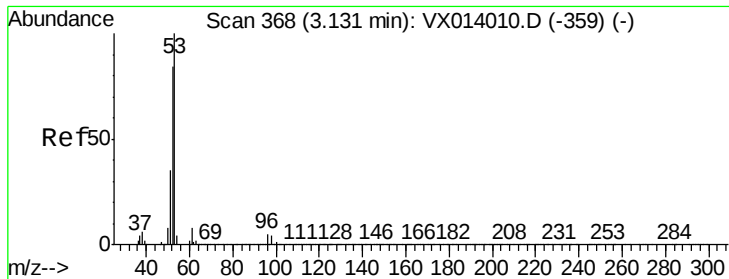
Ion Ratio Lower Upper

41 100

39 66.2 51.8 77.8

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 93.513 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

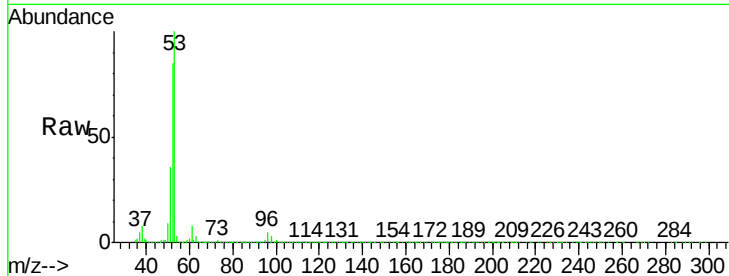
Tgt Ion: 53 Resp: 264133

Ion Ratio Lower Upper

53 100

52 84.4 66.5 99.7

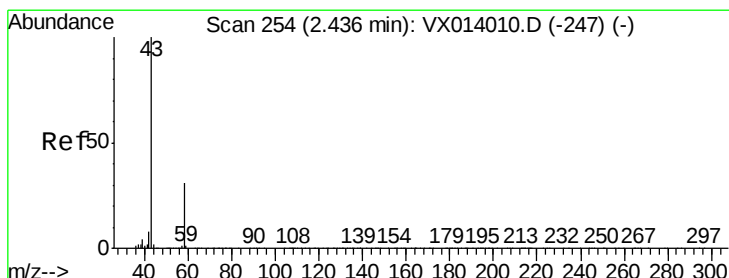
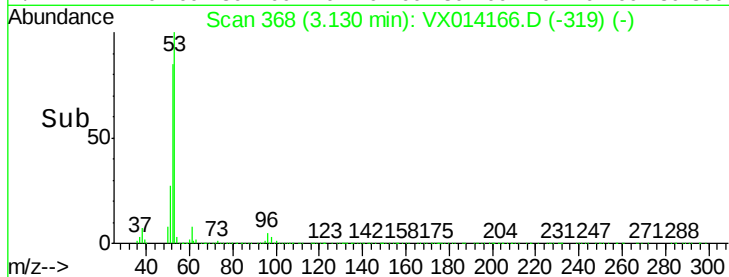
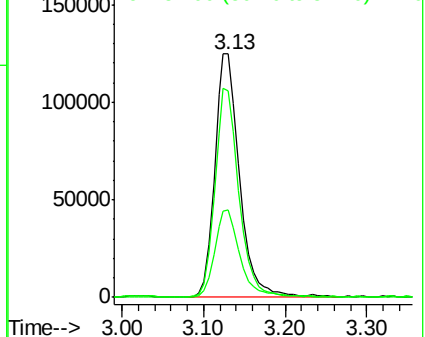
51 36.0 28.1 42.1



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: 69.502 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014166.D

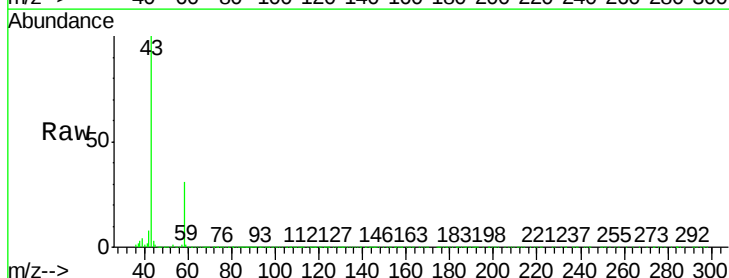
Acq: 20 Dec 2019 12:10

Tgt Ion: 43 Resp: 252704

Ion Ratio Lower Upper

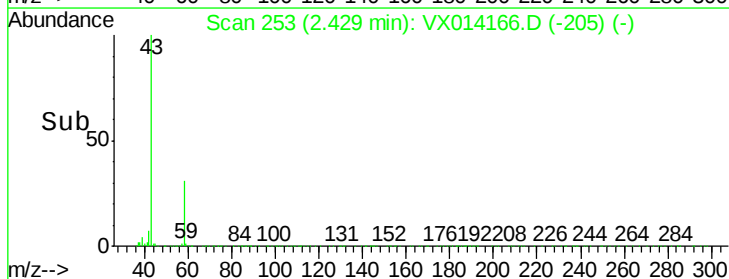
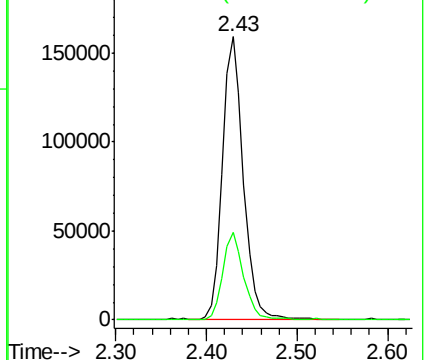
43 100

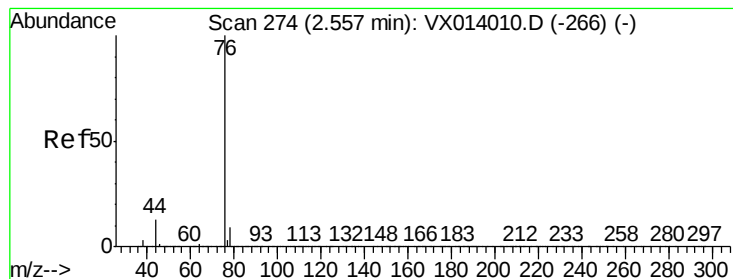
58 31.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.795 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

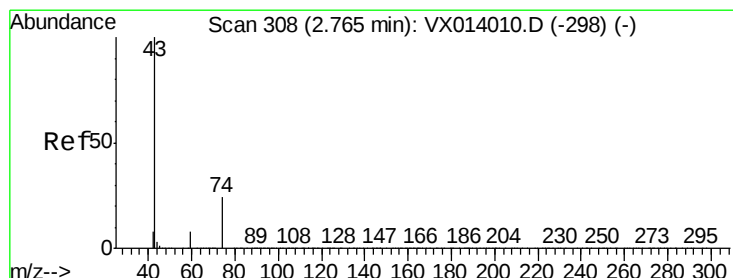
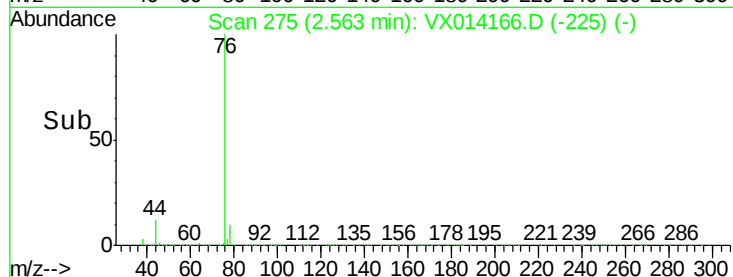
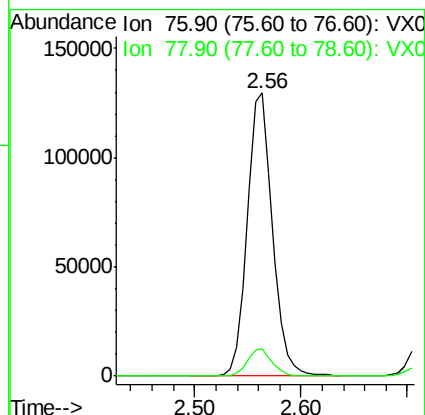
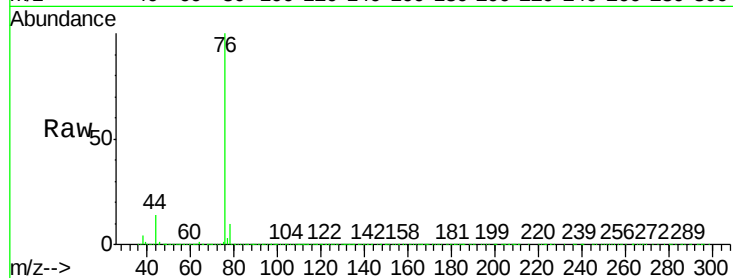
VX1220WBSD01

Tgt Ion: 76 Resp: 214956

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 18.662 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014166.D

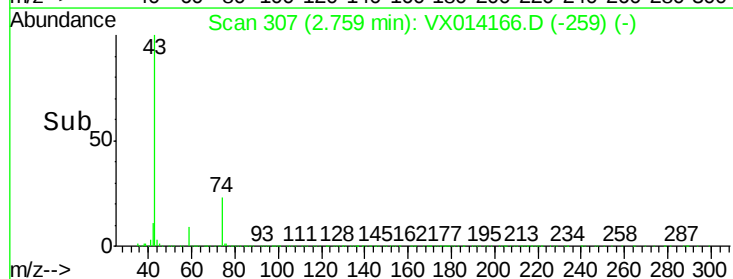
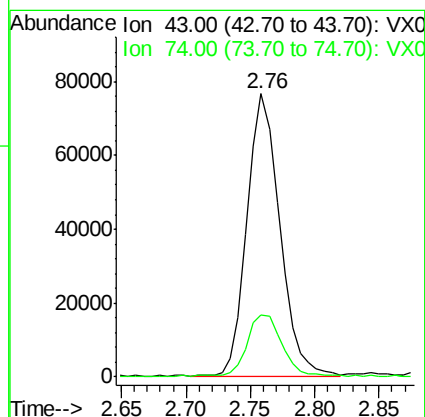
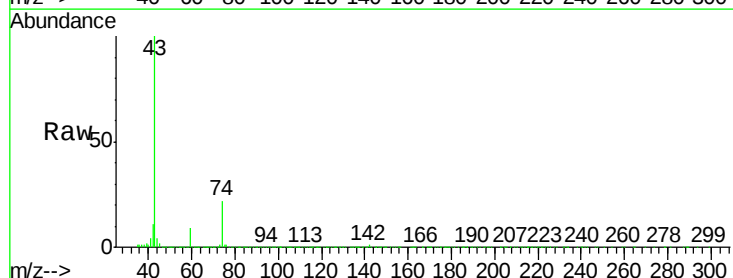
Acq: 20 Dec 2019 12:10

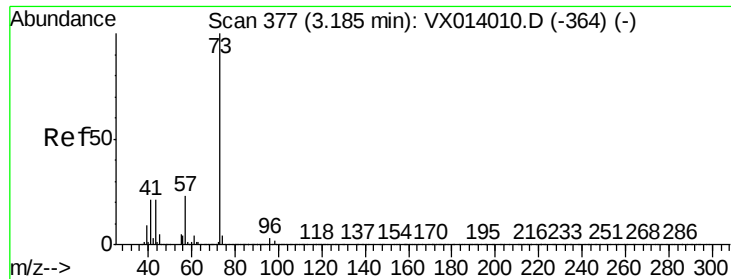
Tgt Ion: 43 Resp: 134452

Ion Ratio Lower Upper

43 100

74 24.5 19.5 29.3

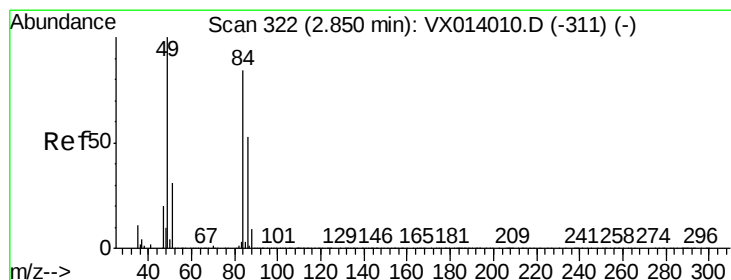
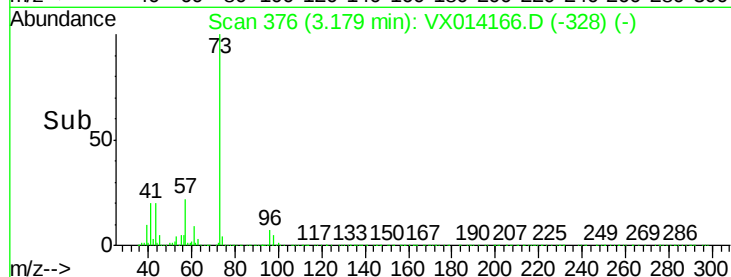
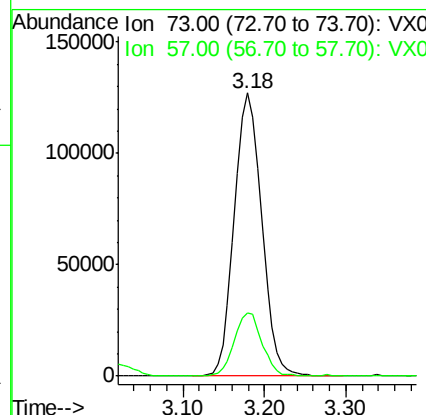
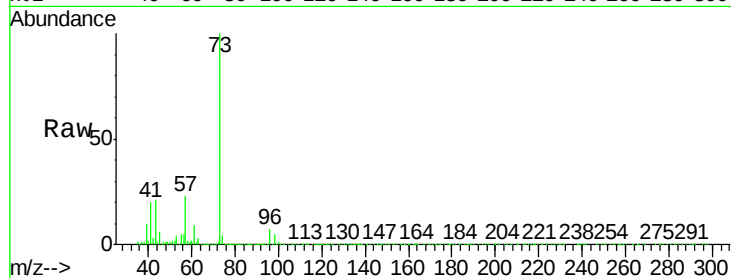




#19
Methyl tert-butyl Ether
Concen: 18.913 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

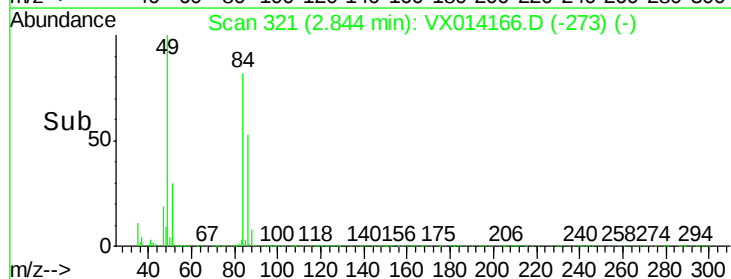
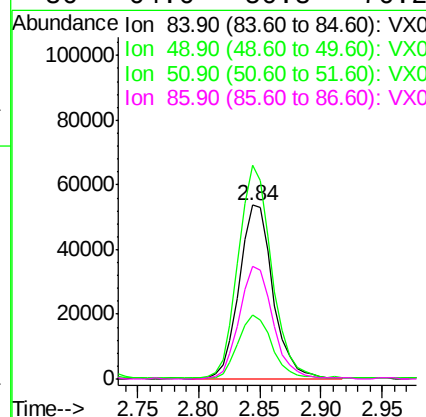
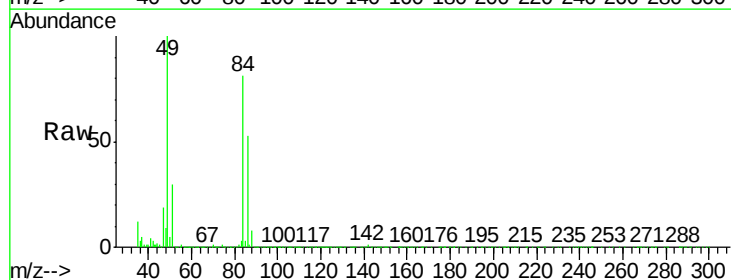
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

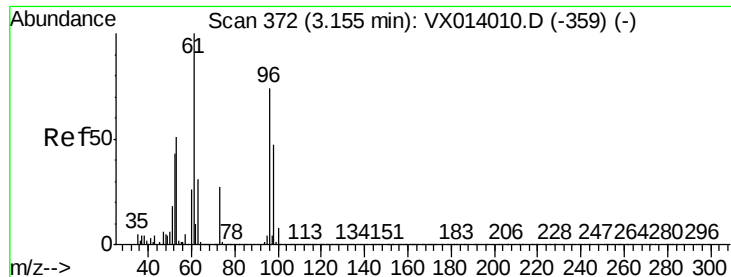
Tgt Ion: 73 Resp: 295417
Ion Ratio Lower Upper
73 100
57 22.3 18.8 28.2



#20
Methylene Chloride
Concen: 17.975 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 84 Resp: 102919
Ion Ratio Lower Upper
84 100
49 122.7 95.8 143.6
51 36.6 29.8 44.8
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.248 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

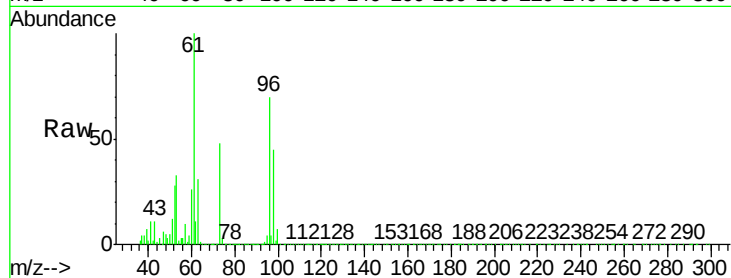
Tgt Ion: 96 Resp: 90322

Ion Ratio Lower Upper

96 100

61 142.1 108.3 162.5

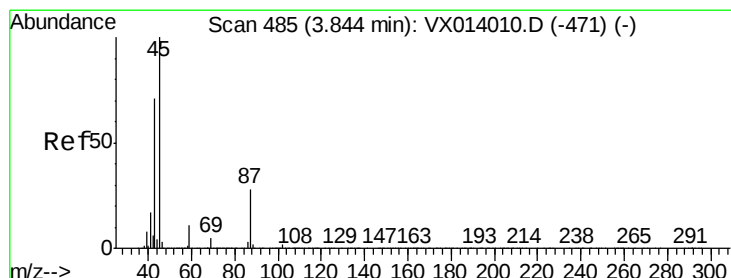
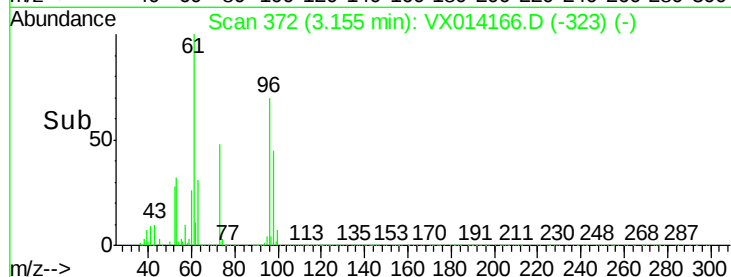
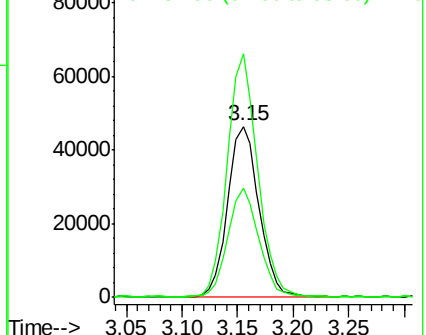
98 63.6 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.775 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Tgt Ion: 45 Resp: 317536

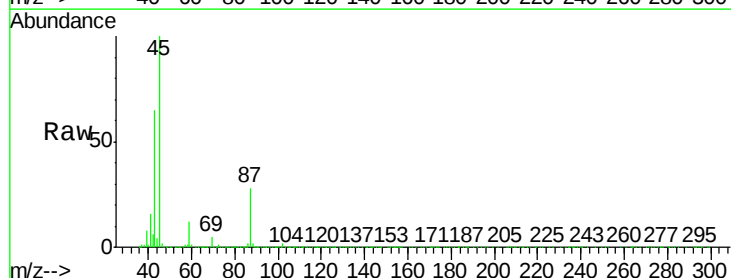
Ion Ratio Lower Upper

45 100

43 63.9 57.4 86.0

87 27.9 21.9 32.9

59 11.7 9.0 13.6

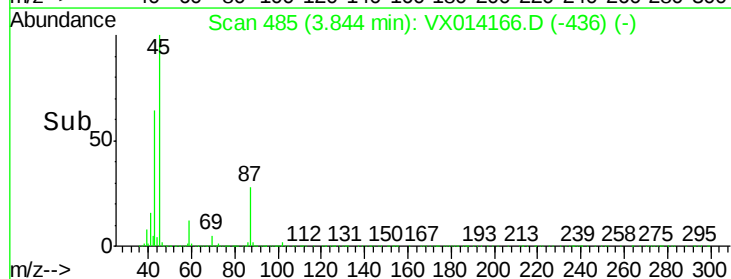
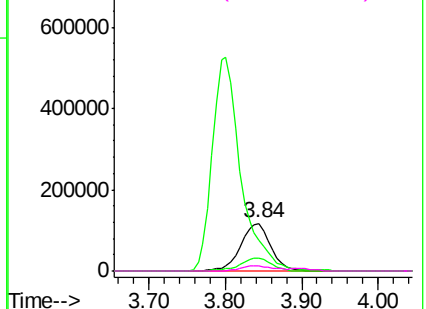


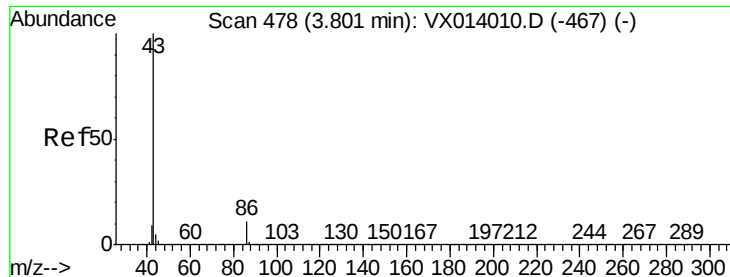
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.039 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

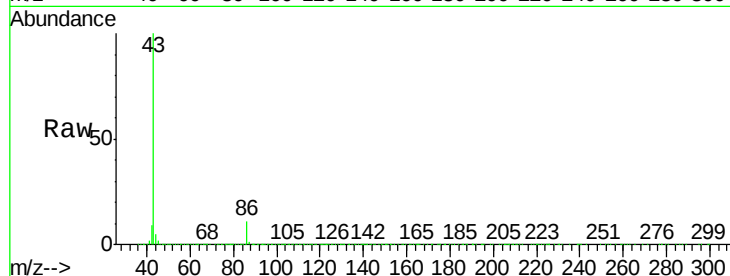
VX1220WBSD01

Tgt Ion: 43 Resp: 1366905

Ion Ratio Lower Upper

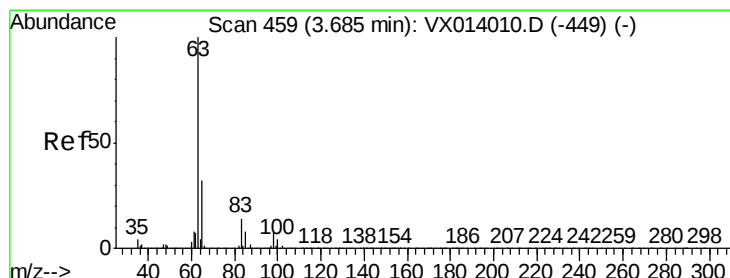
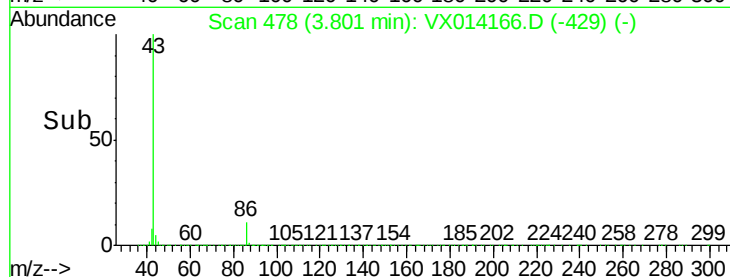
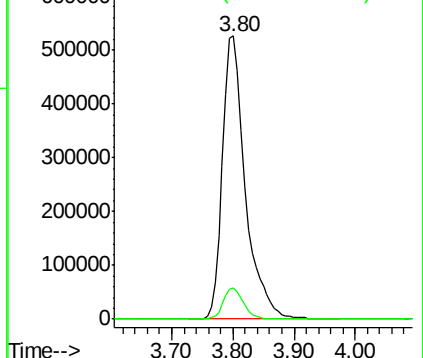
43 100

86 11.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.839 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

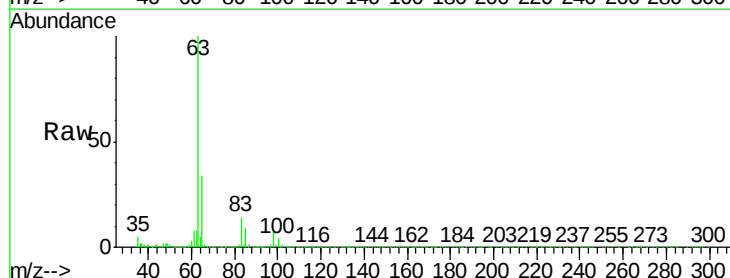
Tgt Ion: 63 Resp: 167861

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

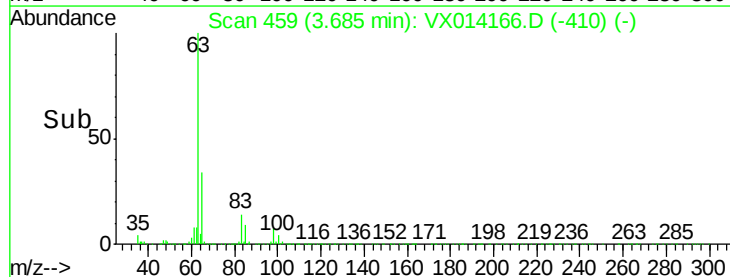
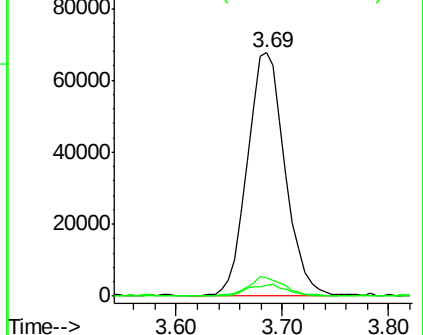
100 4.2 2.3 6.8

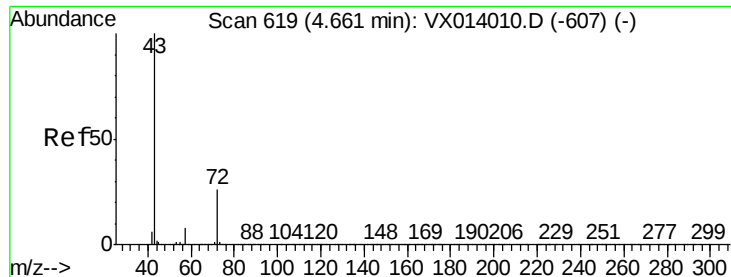


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

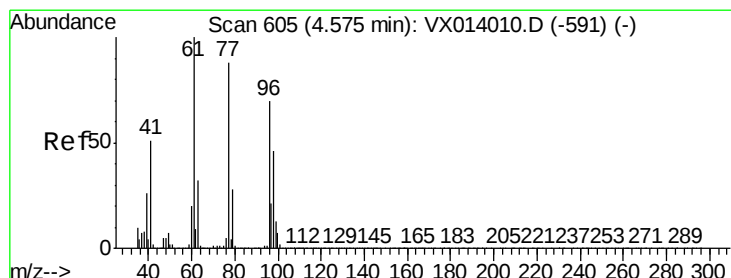
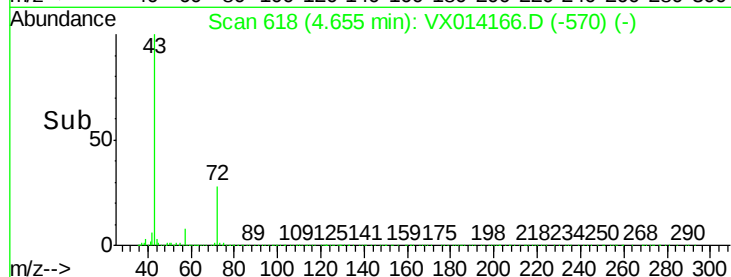
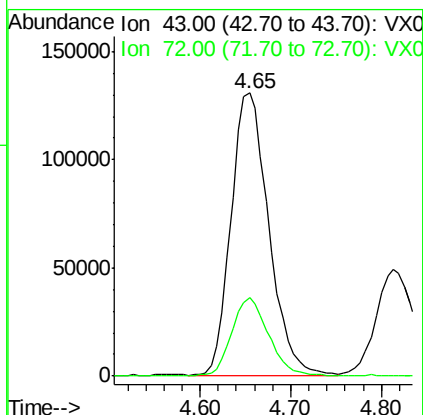
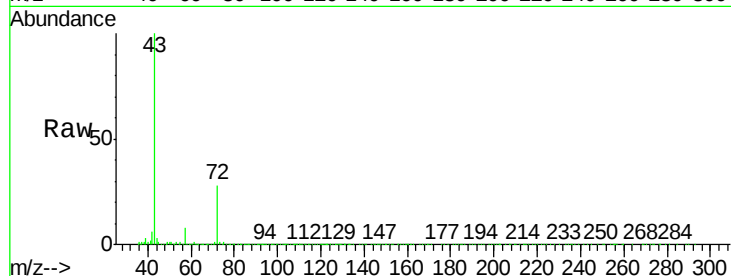




#25
2-Butanone
Concen: 84.083 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

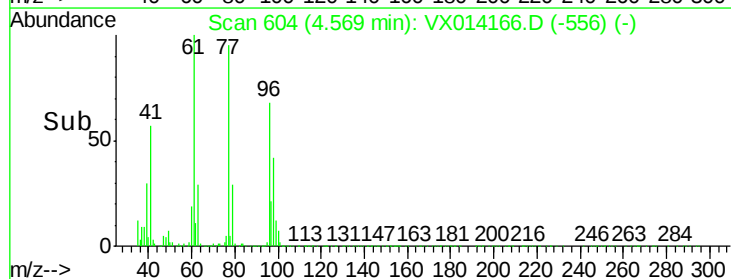
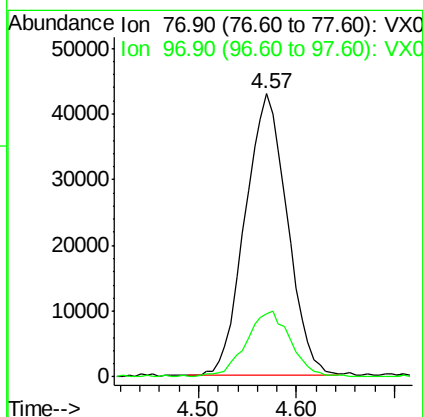
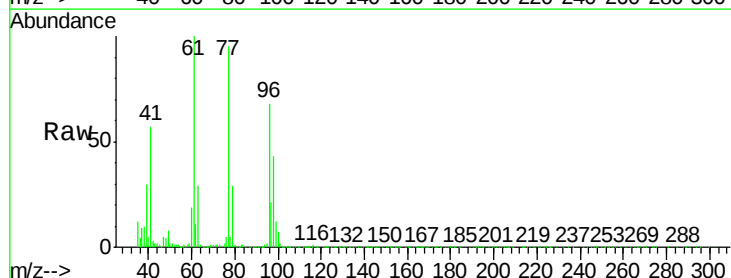
Instrument :
MSVOA_X
ClientSampled :
VX1220WBSD01

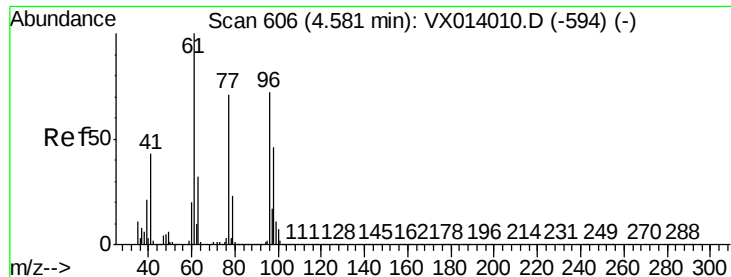
Tgt Ion: 43 Resp: 376919
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 17.539 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 77 Resp: 128132
Ion Ratio Lower Upper
77 100
97 24.5 11.9 35.9



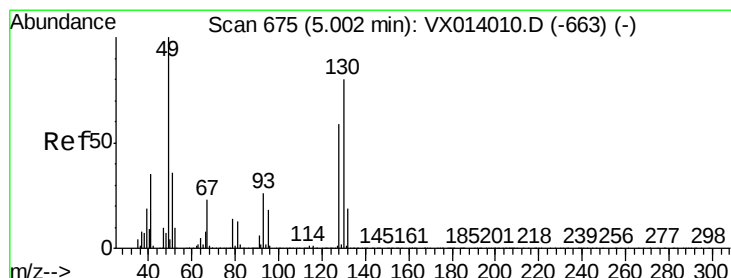
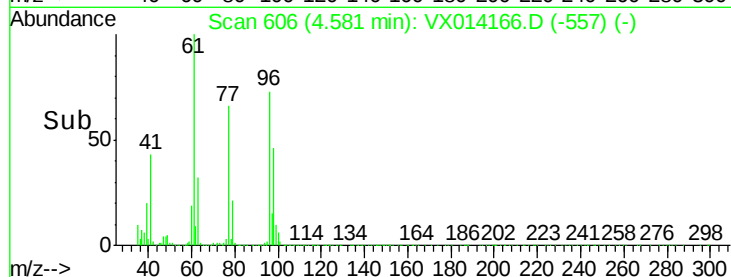
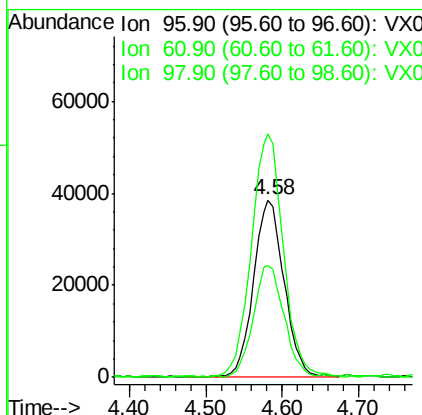
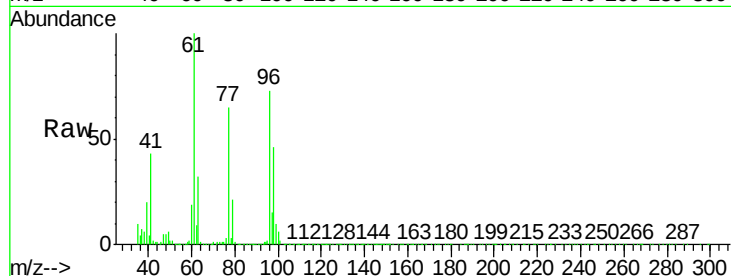


#27

cis-1,2-Dichloroethene
Concen: 18.101 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

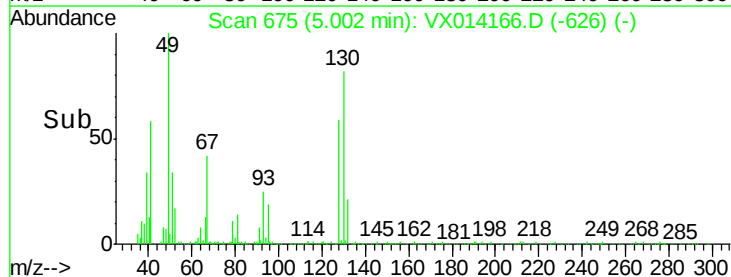
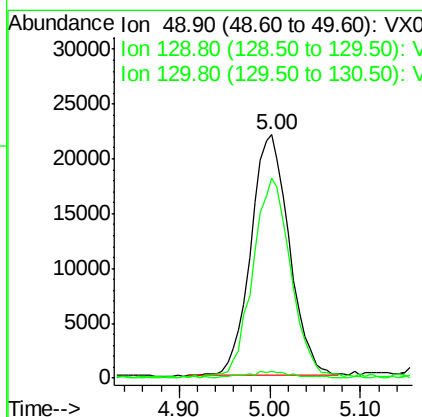
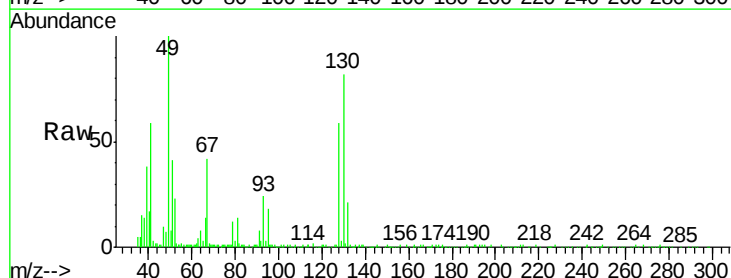
Tgt Ion: 96 Resp: 107204
Ion Ratio Lower Upper
96 100
61 144.3 0.0 288.4
98 63.9 0.0 129.6

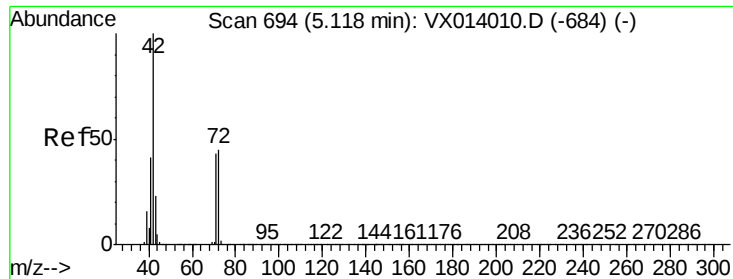


#28

Bromochloromethane
Concen: 18.065 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 49 Resp: 64314
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 83.5 64.6 97.0

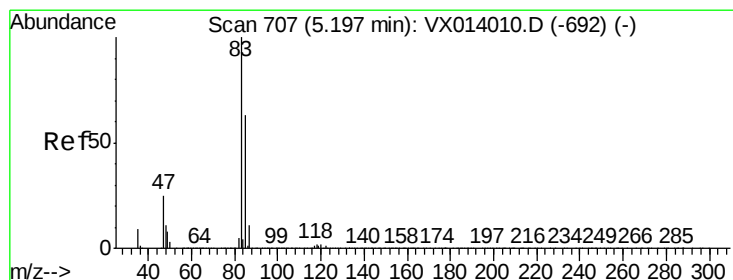
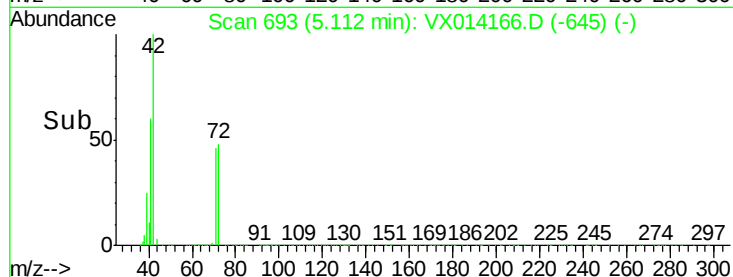
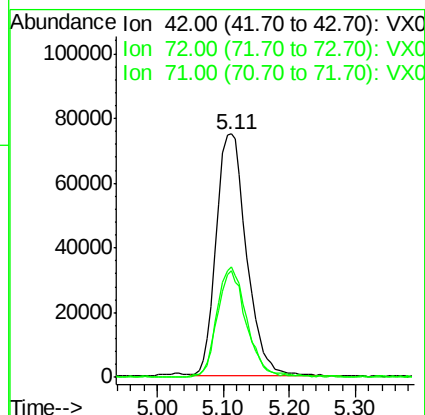
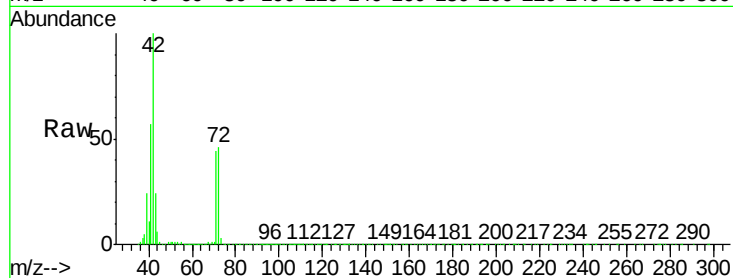




#29
Tetrahydrofuran
Concen: 95.354 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

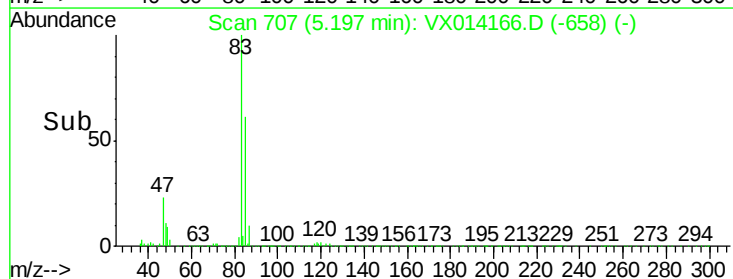
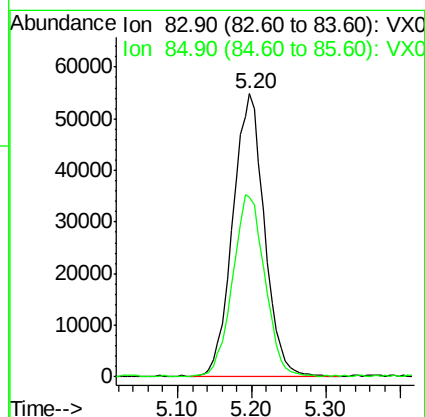
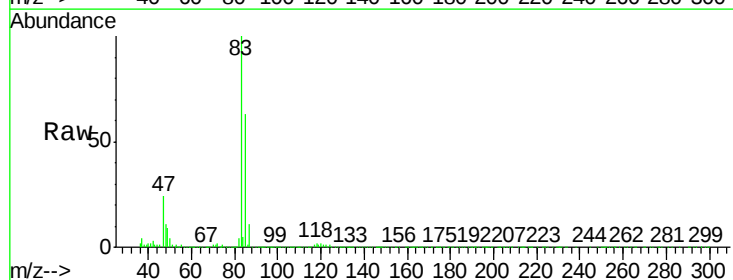
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

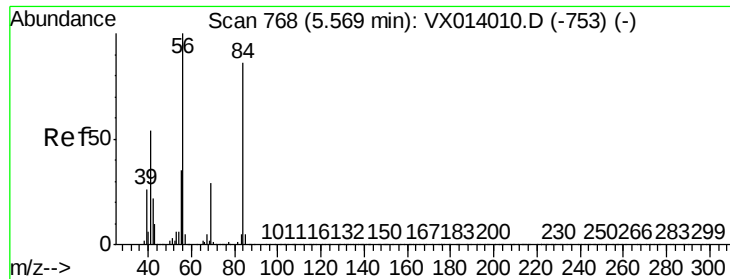
Tgt Ion: 42 Resp: 239080
Ion Ratio Lower Upper
42 100
72 44.6 35.8 53.8
71 40.9 33.6 50.4



#30
Chloroform
Concen: 18.222 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 83 Resp: 162540
Ion Ratio Lower Upper
83 100
85 63.2 50.8 76.2

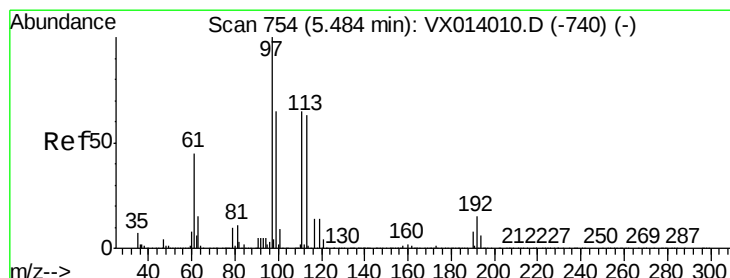
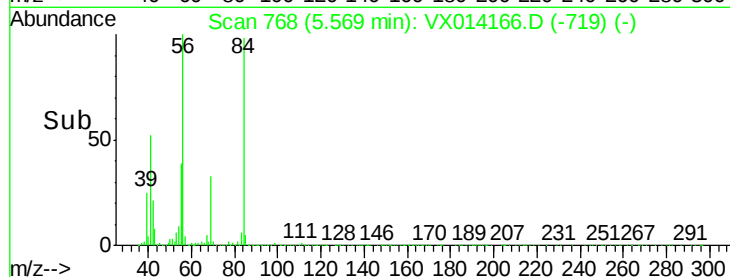
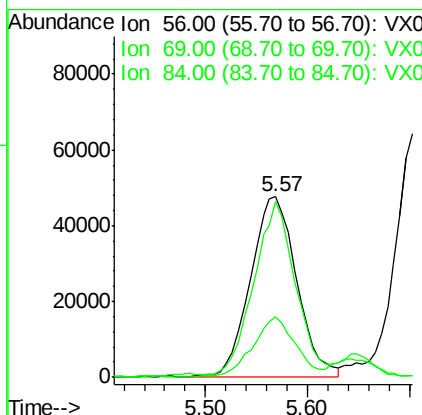
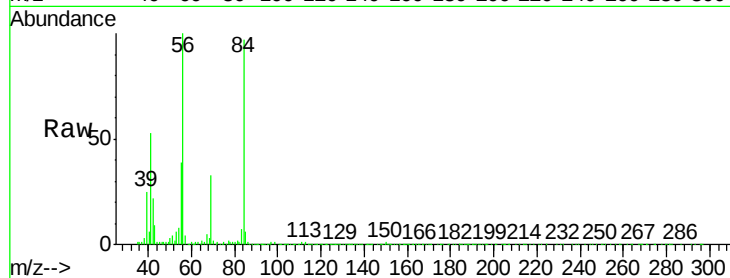




#31
Cyclohexane
Concen: 17.794 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

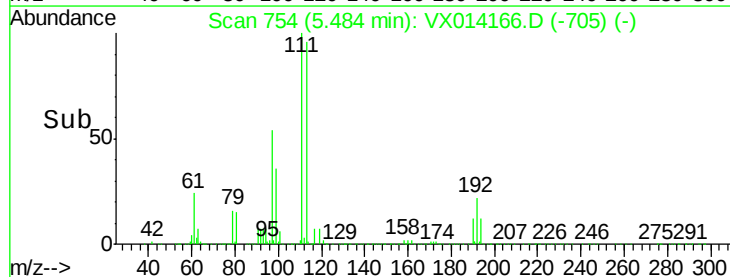
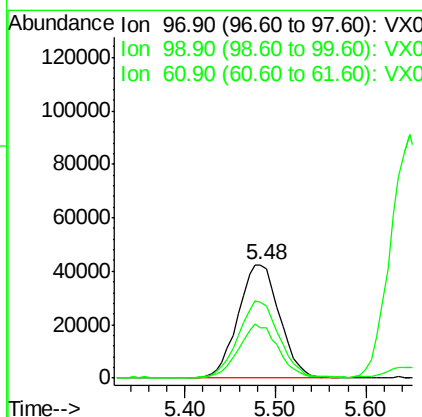
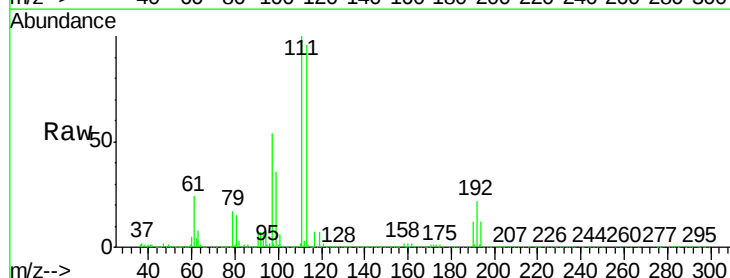
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

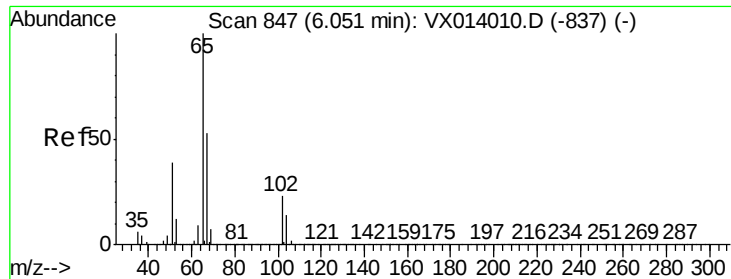
Tgt Ion: 56 Resp: 148915
Ion Ratio Lower Upper
56 100
69 33.2 23.2 34.8
84 96.1 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 17.506 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 97 Resp: 133085
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 45.8 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 47.816 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

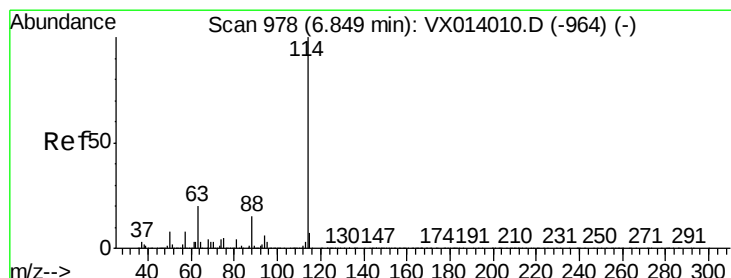
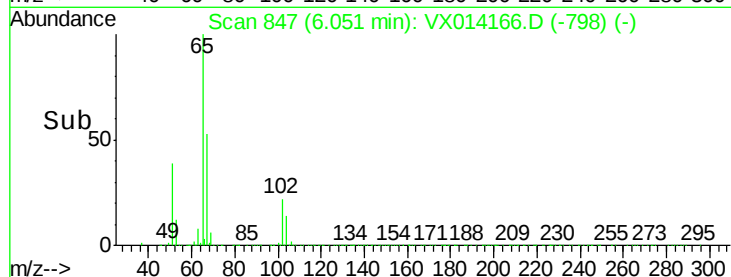
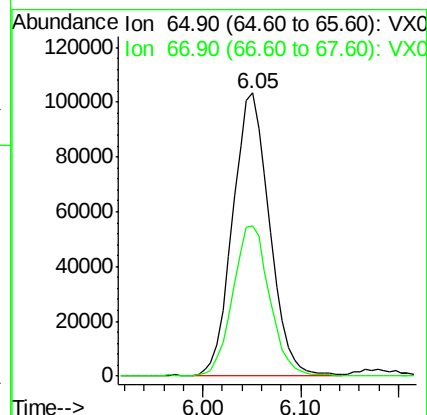
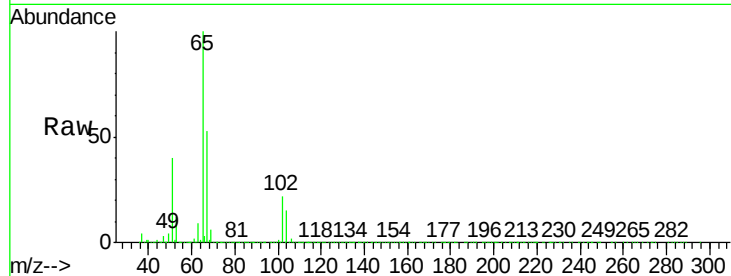
VX1220WBSD01

Tgt Ion: 65 Resp: 267794

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

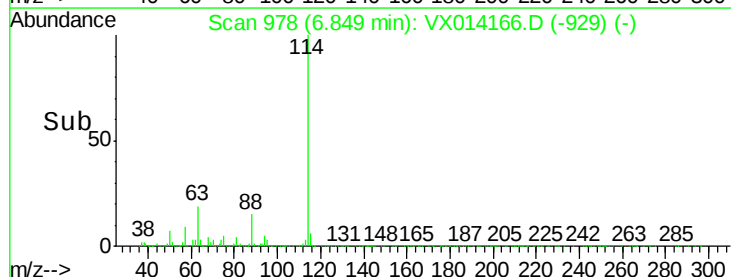
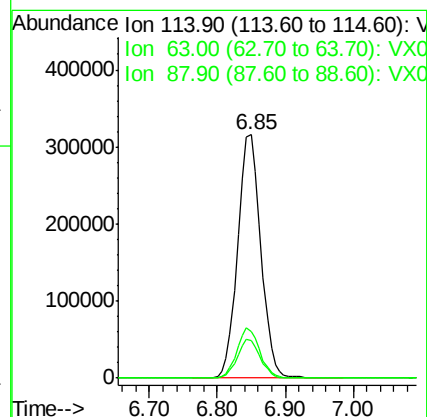
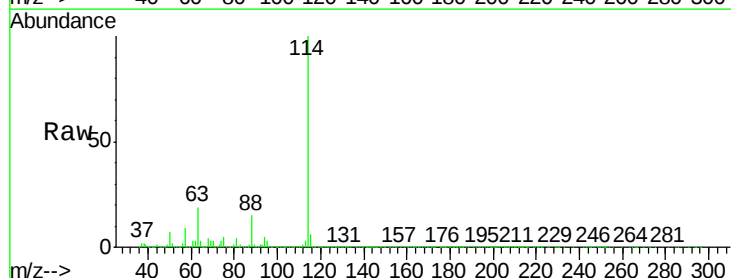
Tgt Ion: 114 Resp: 745906

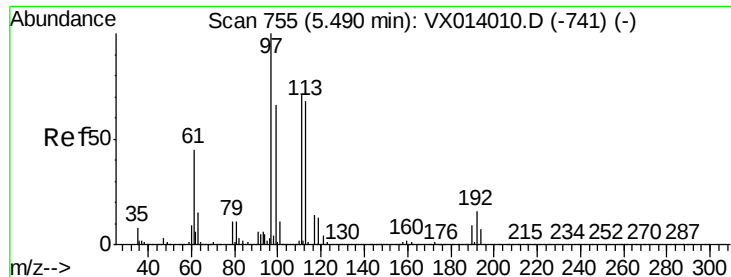
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 15.3 0.0 30.4

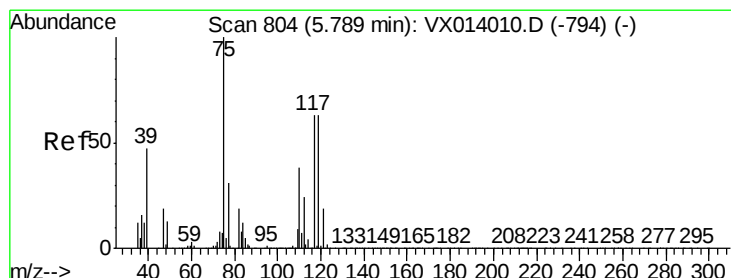
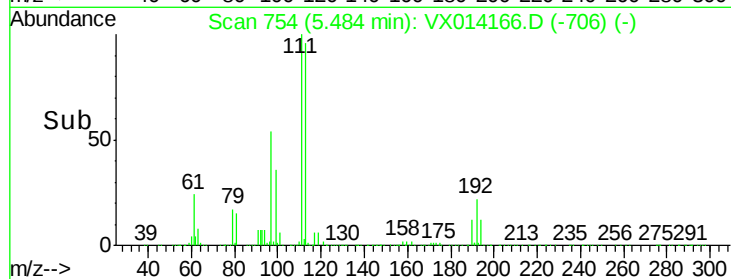
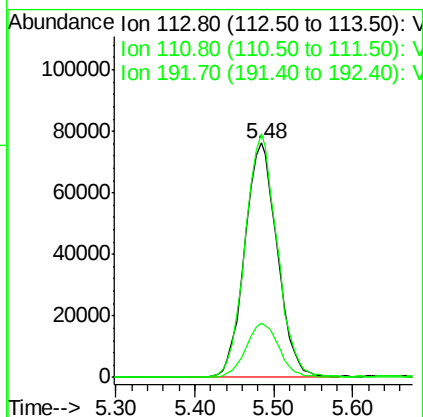
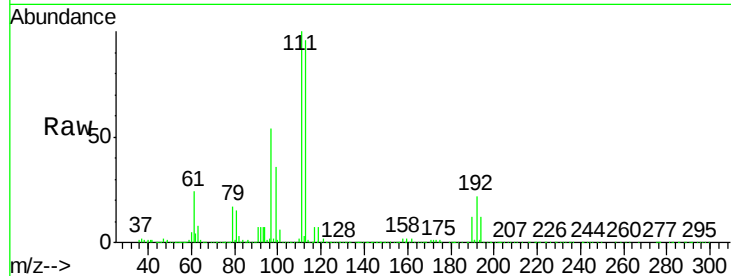




#35
Dibromofluoromethane
Concen: 48.229 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

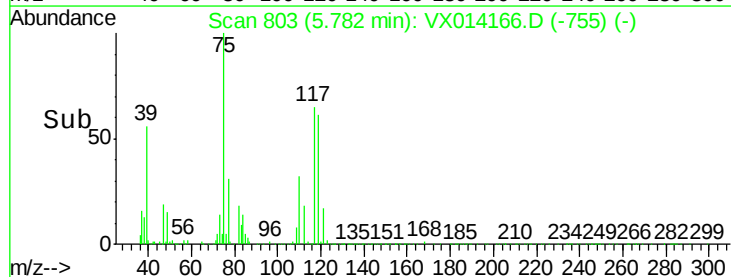
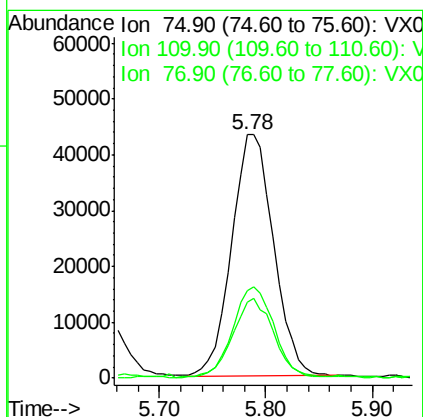
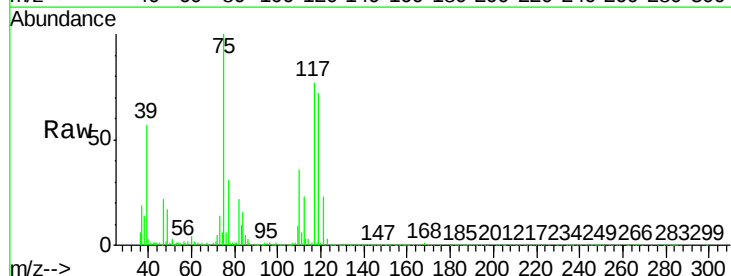
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

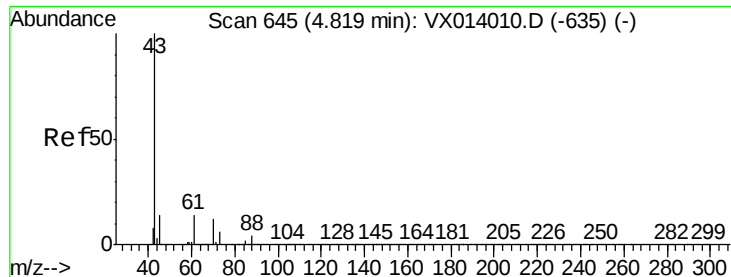
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.5	19.3	28.9



#36
1,1-Dichloropropene
Concen: 17.462 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.3	54.9
77	31.3	24.8	37.2

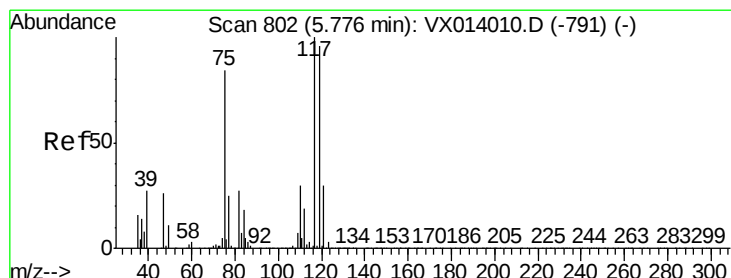
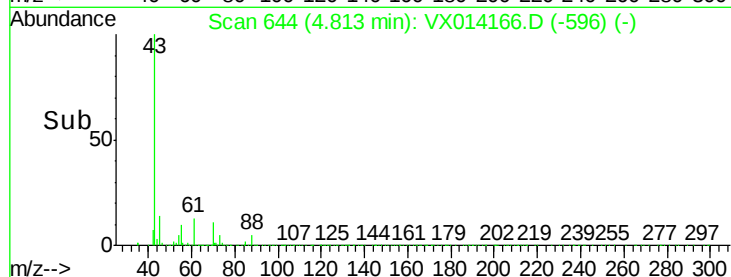
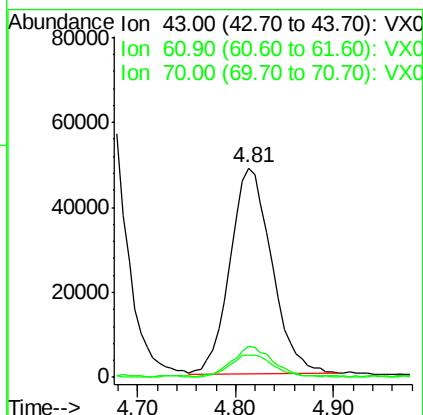
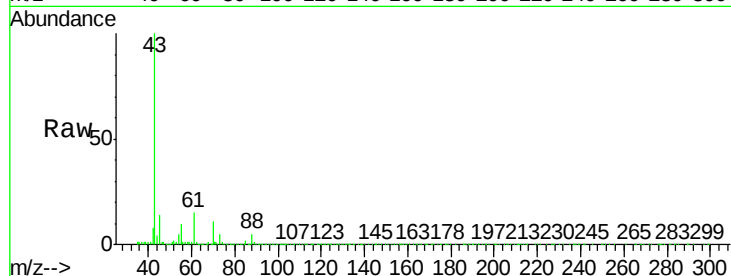




#37
Ethyl Acetate
Concen: 18.866 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

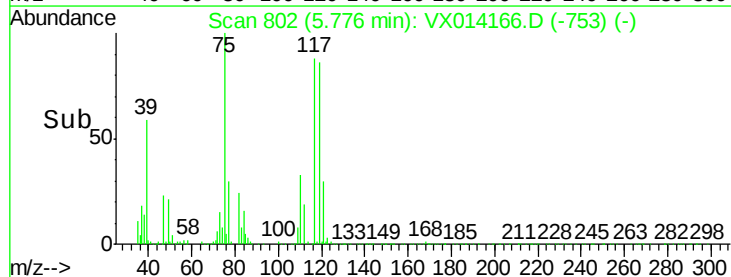
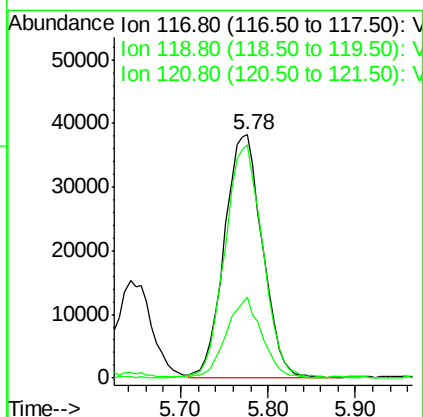
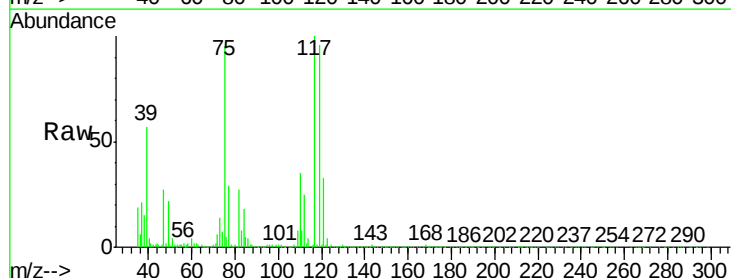
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

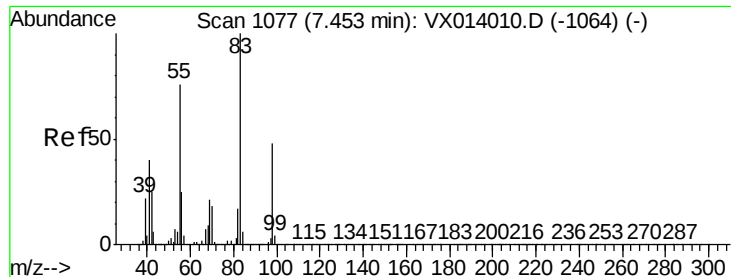
Tgt Ion: 43 Resp: 142584
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.388 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 117 Resp: 114650
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.4
121 32.9 23.6 35.4

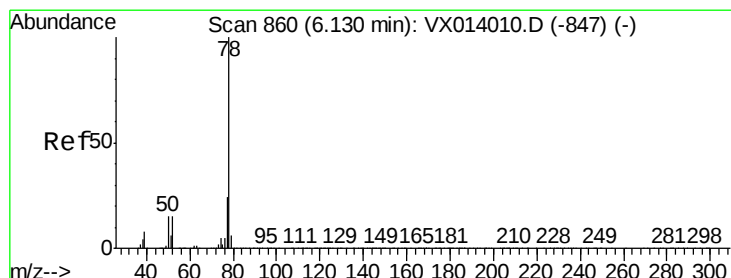
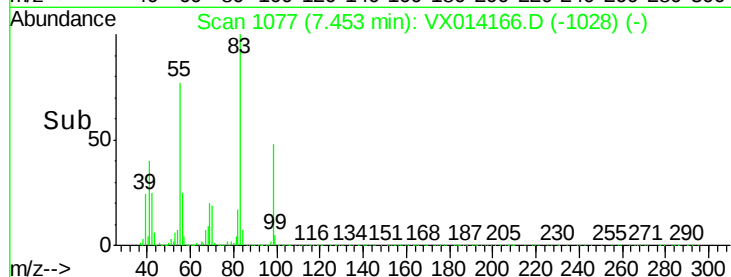
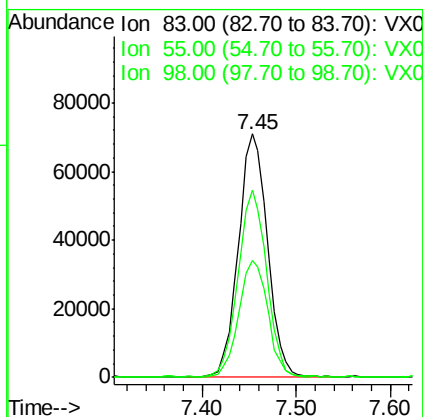
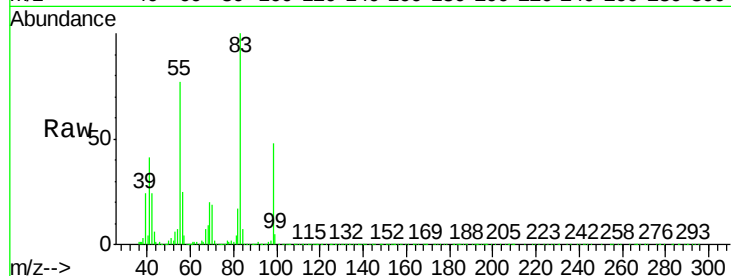




#39
Methylcyclohexane
Concen: 18.176 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

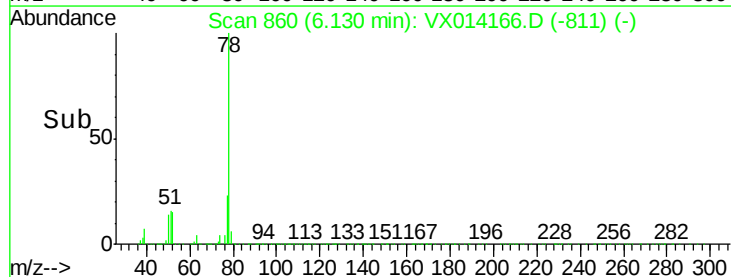
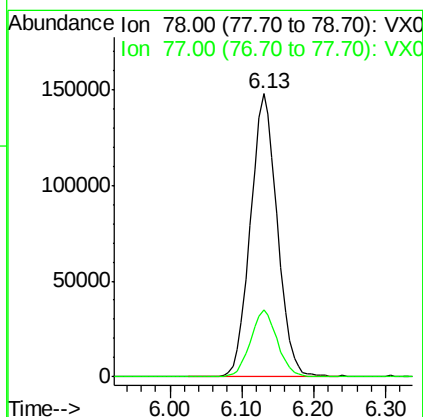
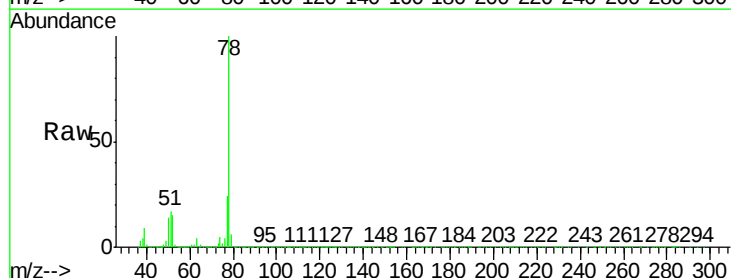
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

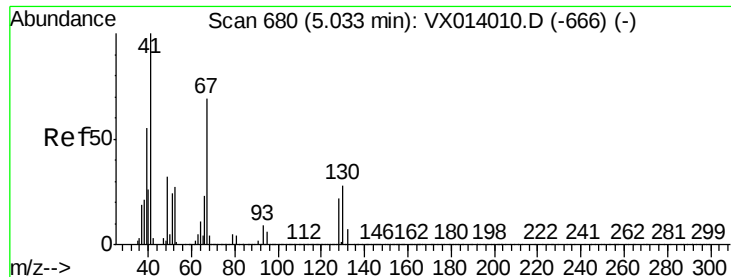
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.0	91.6
98	47.8	38.6	57.8



#40
Benzene
Concen: 18.144 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2

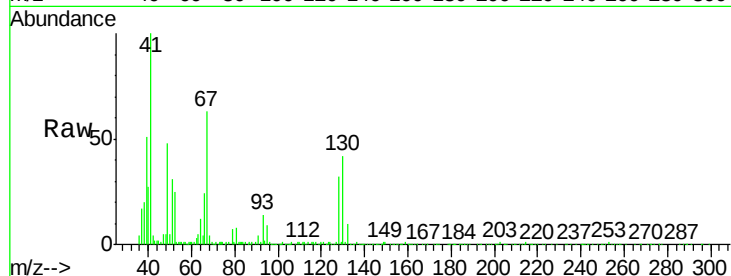




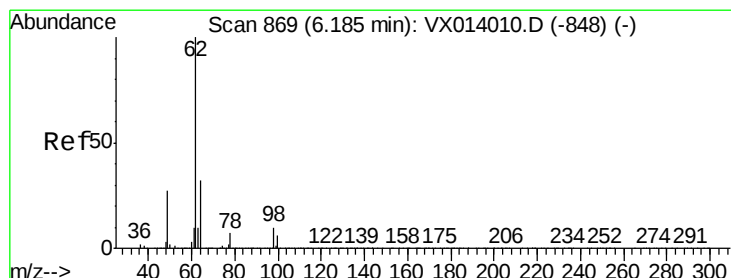
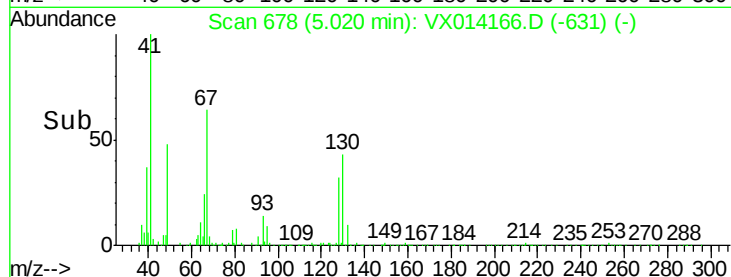
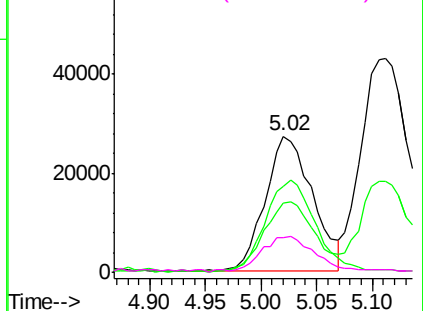
#41
Methacrylonitrile
Concen: 19.427 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion:	41	Resp:	81468
Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	72.6	57.4	86.0
52	30.2	23.0	34.4

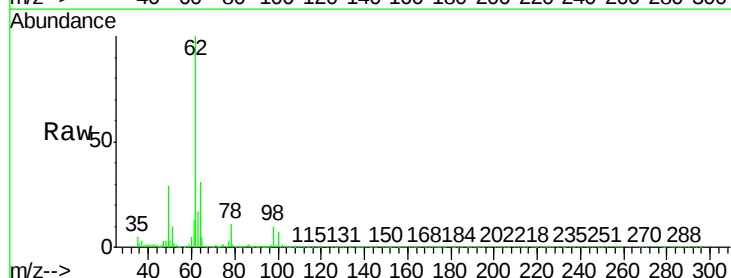


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

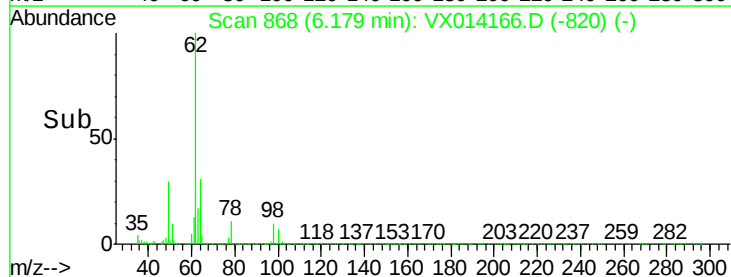
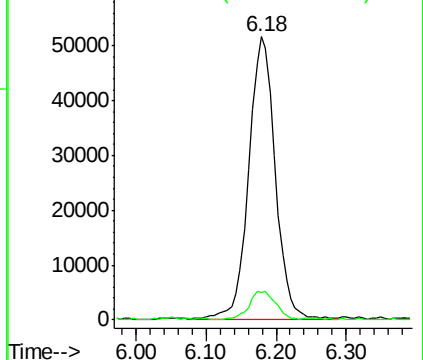


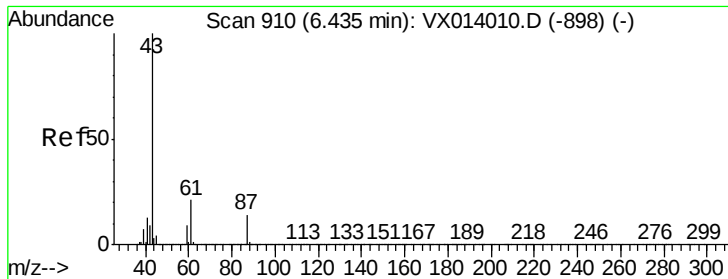
#42
1,2-Dichloroethane
Concen: 18.954 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion:	62	Resp:	135297
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.0



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



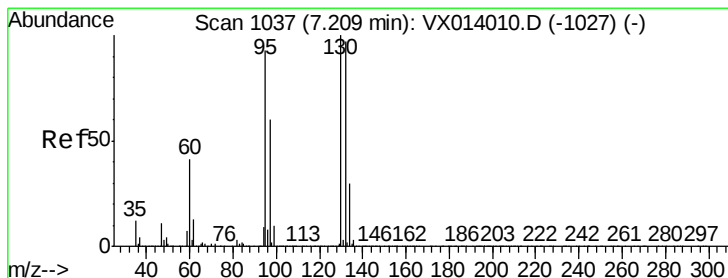
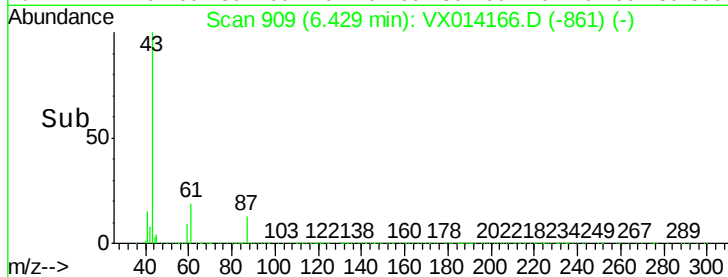
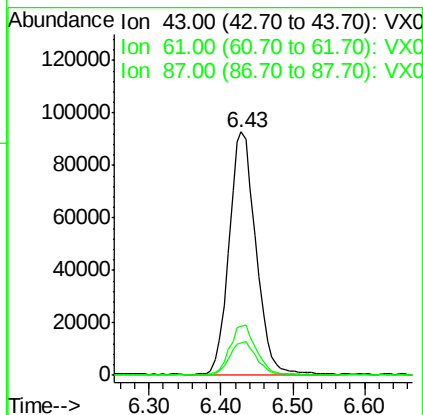
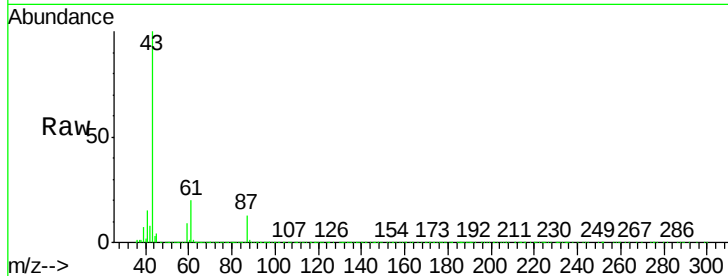


#43

Isopropyl Acetate
 Concen: 19.098 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

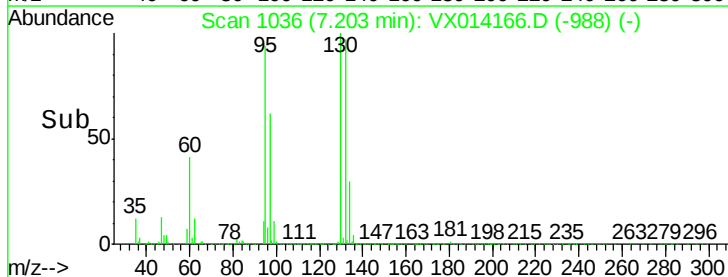
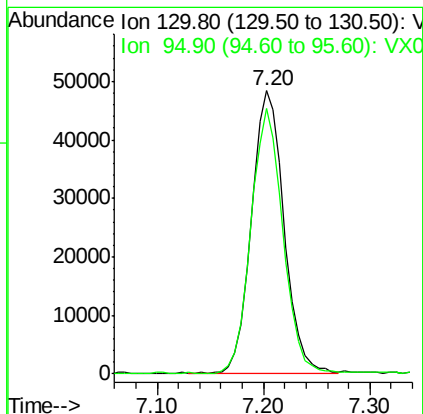
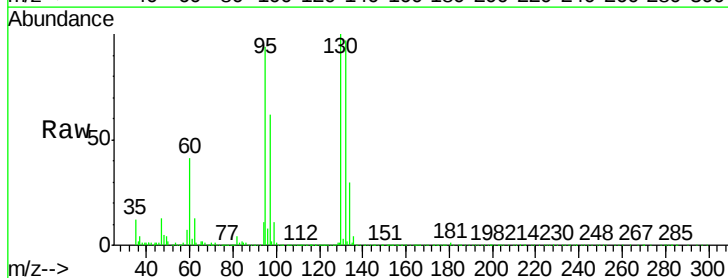
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	14.2	10.7	16.1

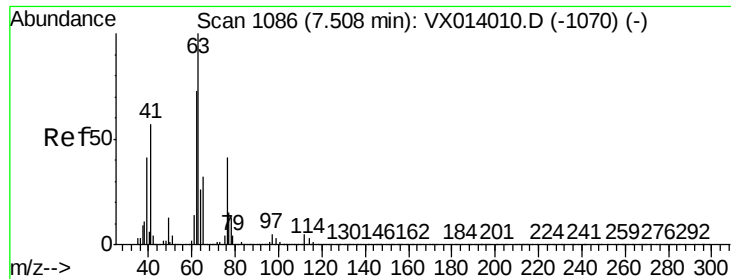


#44

Trichloroethene
 Concen: 17.774 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.885 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

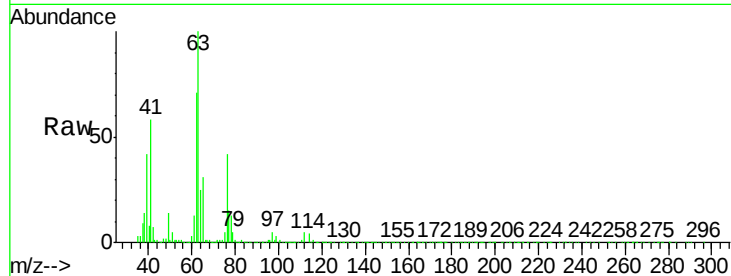
VX1220WBSD01

Tgt Ion: 63 Resp: 101929

Ion Ratio Lower Upper

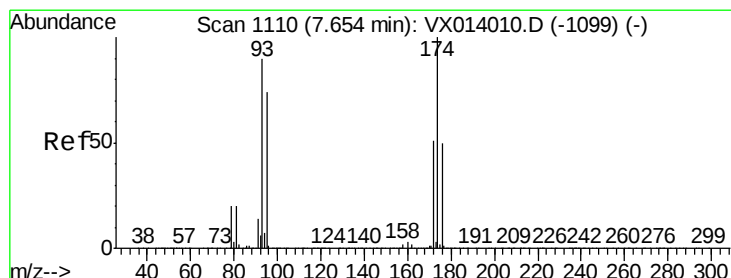
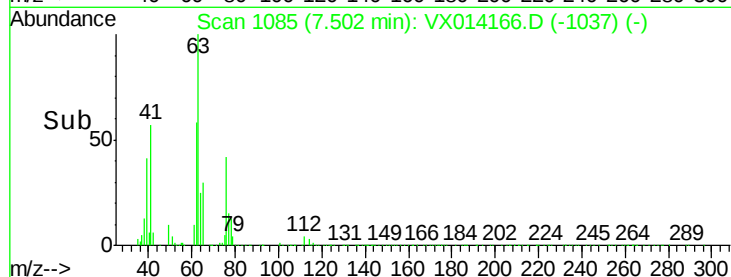
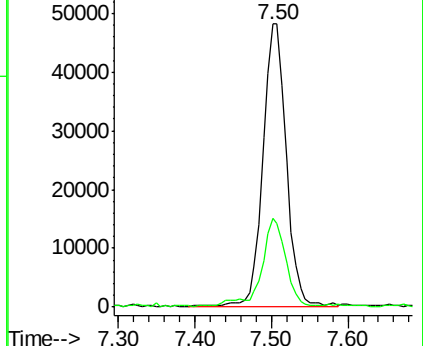
63 100

65 31.0 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.347 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

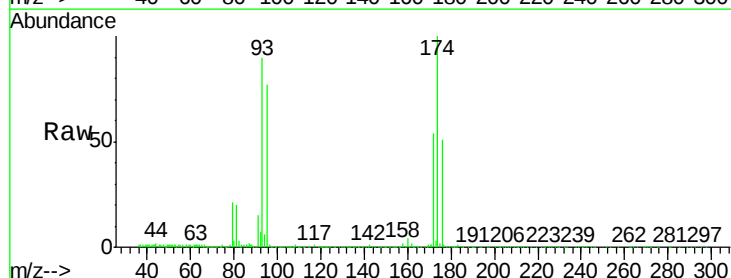
Tgt Ion: 93 Resp: 65472

Ion Ratio Lower Upper

93 100

95 81.2 67.3 100.9

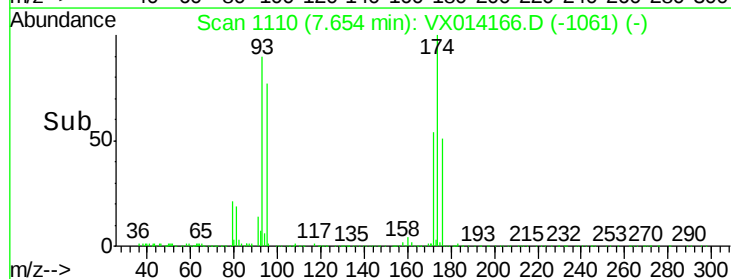
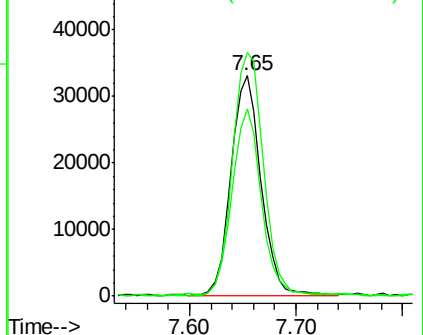
174 114.4 91.6 137.4

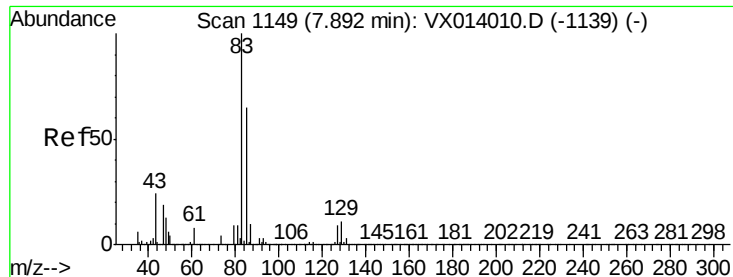


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.357 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

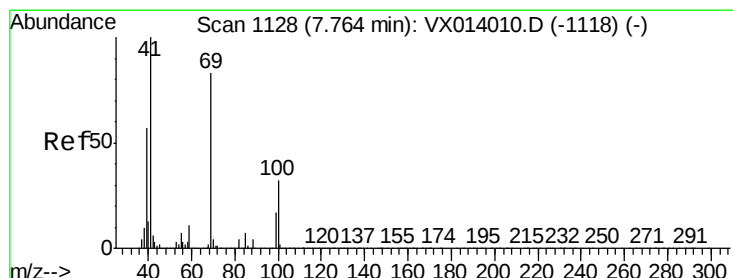
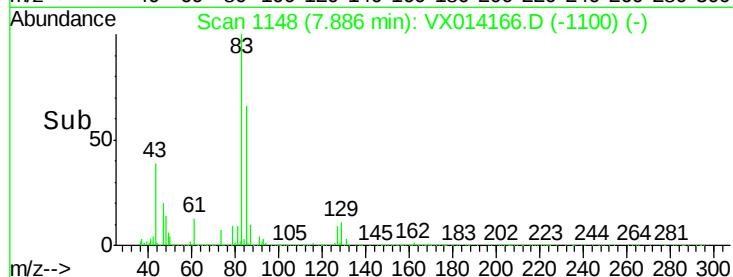
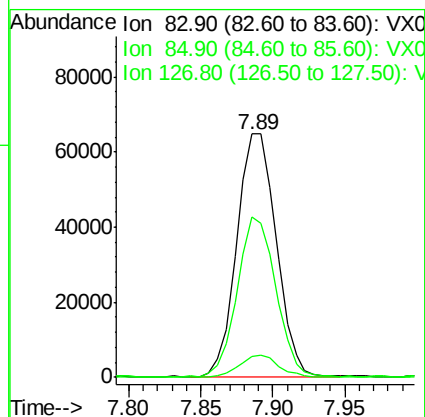
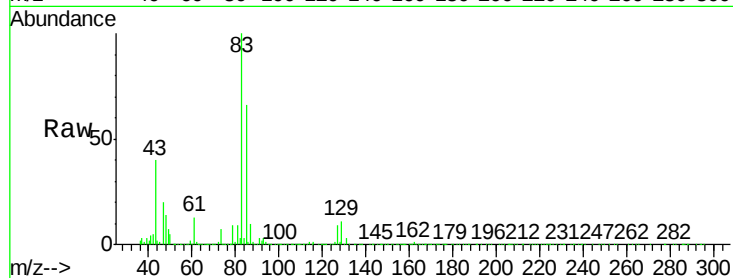
Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion:	83	Resp:	123375
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.8
127	8.7	7.0	10.4



#48

Methyl methacrylate

Concen: 18.536 ug/l

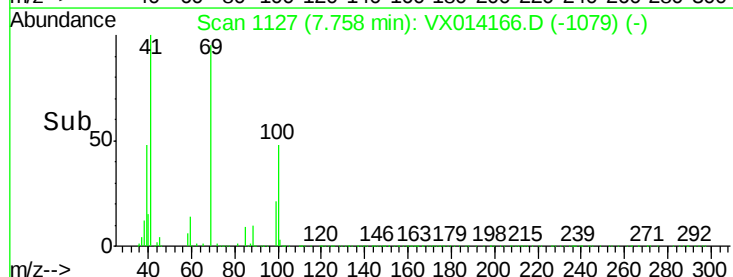
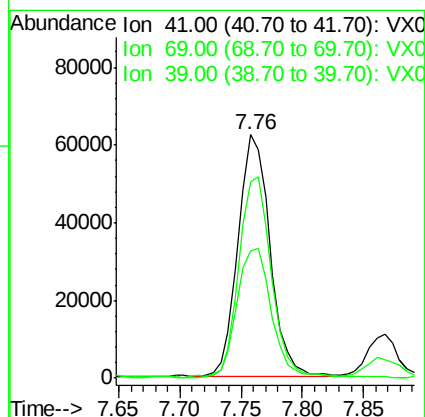
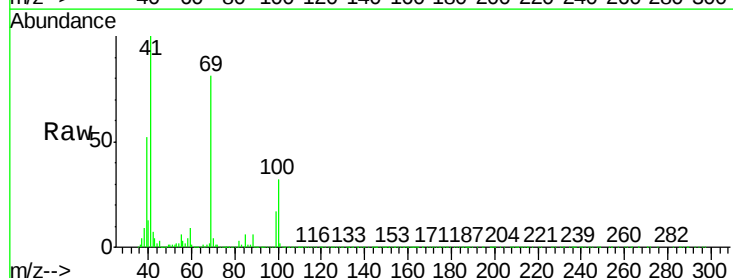
RT: 7.76 min Scan# 1127

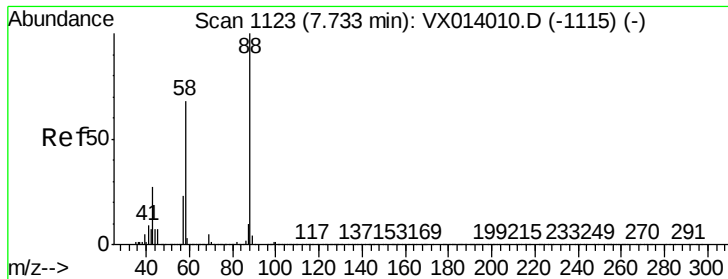
Delta R.T. -0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Tgt Ion:	41	Resp:	113529
Ion	Ratio	Lower	Upper
41	100		
69	83.6	65.8	98.6
39	57.1	44.6	67.0





#49

1,4-Dioxane

Concen: 400.931 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

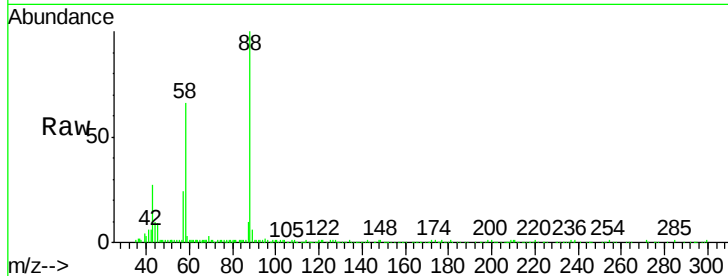
Tgt Ion: 88 Resp: 49972

Ion Ratio Lower Upper

88 100

43 34.1 26.5 39.7

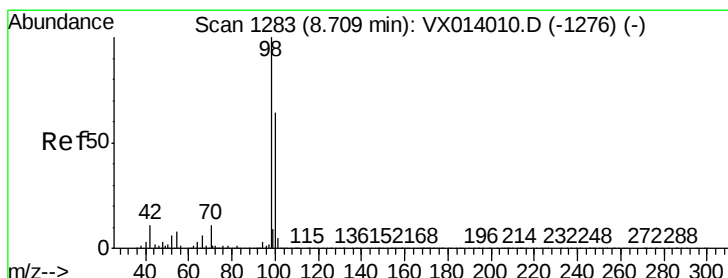
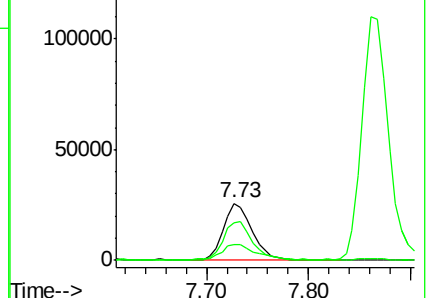
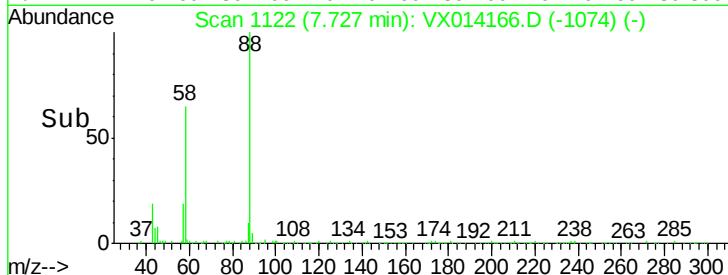
58 68.6 56.8 85.2



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: 47.067 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014166.D

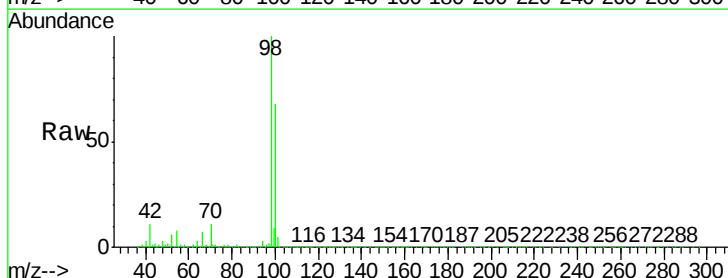
Acq: 20 Dec 2019 12:10

Tgt Ion: 98 Resp: 830881

Ion Ratio Lower Upper

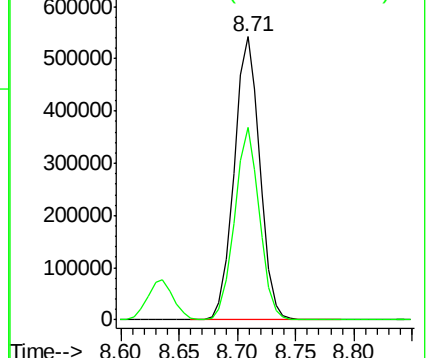
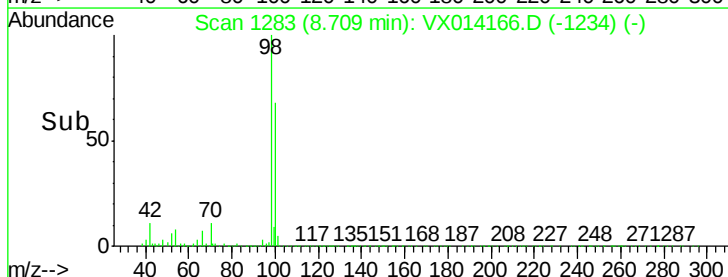
98 100

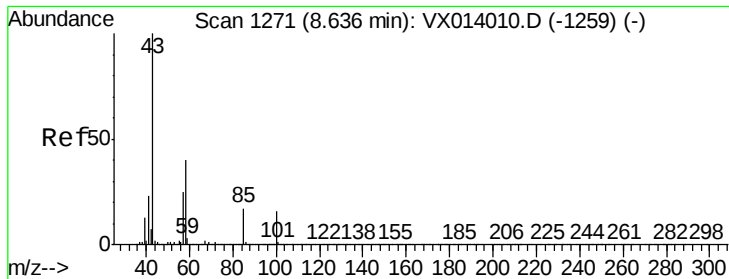
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

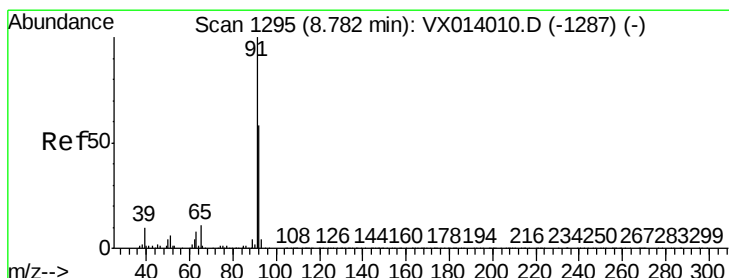
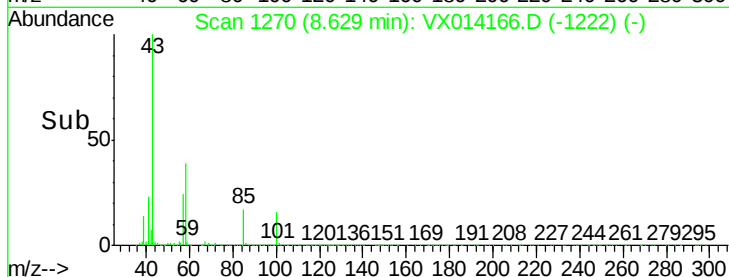
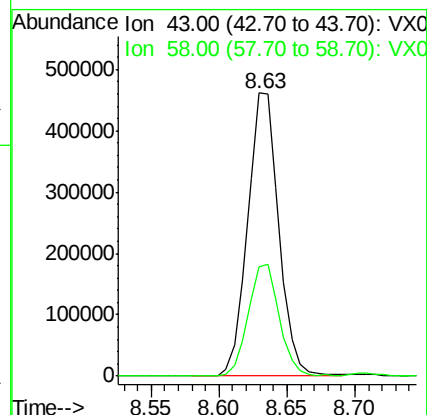
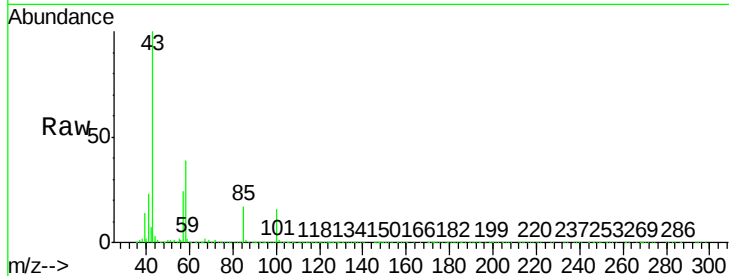




#51
 4-Methyl-2-Pentanone
 Concen: 94.230 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

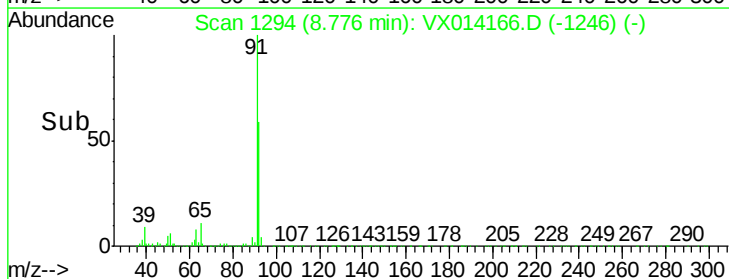
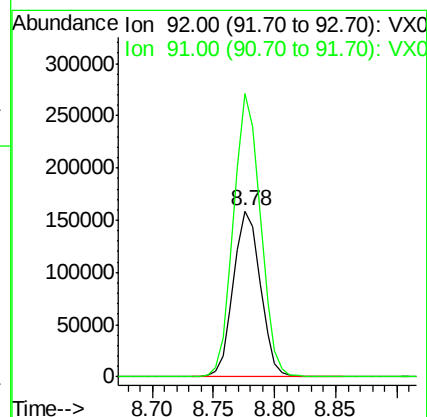
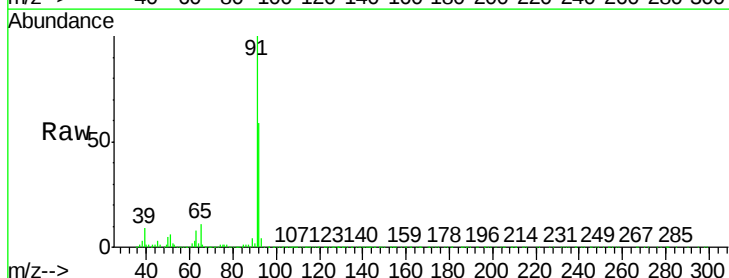
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

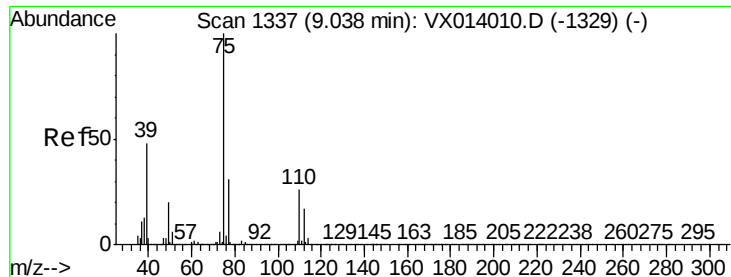
Tgt Ion: 43 Resp: 740192
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.2 48.2



#52
 Toluene
 Concen: 18.323 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Tgt Ion: 92 Resp: 243891
 Ion Ratio Lower Upper
 92 100
 91 169.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.397 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

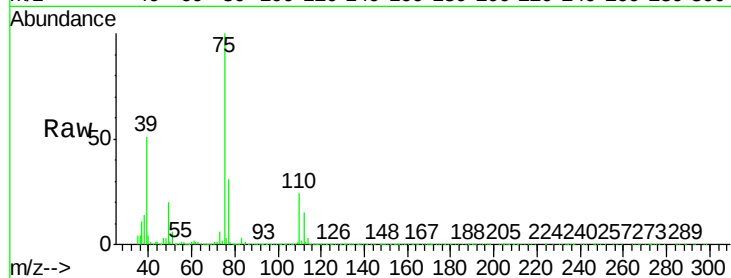
VX1220WBSD01

Tgt Ion: 75 Resp: 135574

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

100000

80000

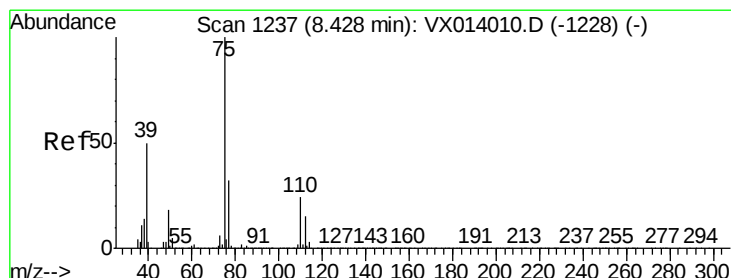
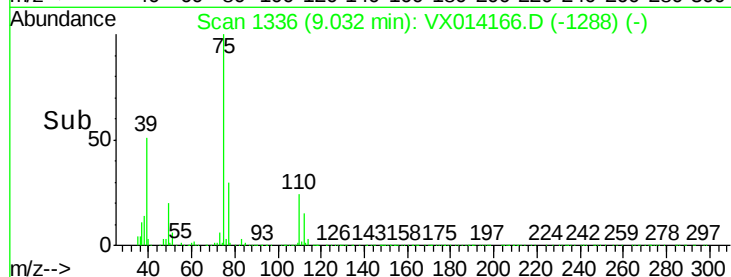
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.769 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

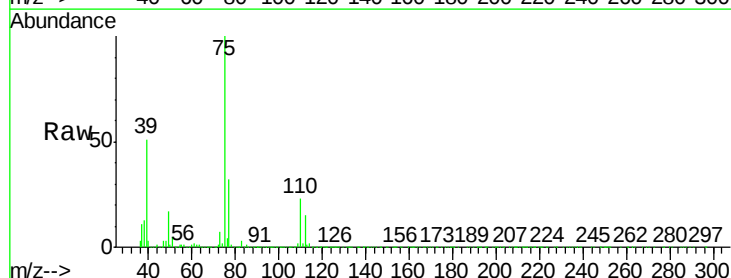
Tgt Ion: 75 Resp: 154097

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 50.7 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

8.43

120000

100000

80000

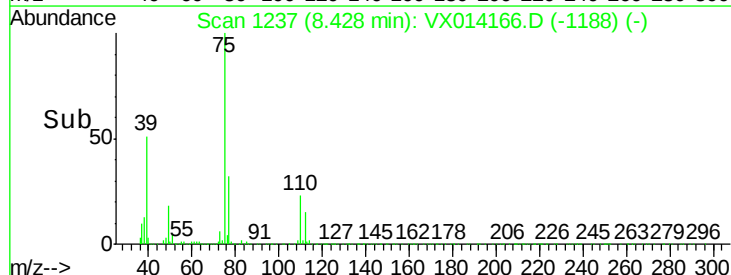
60000

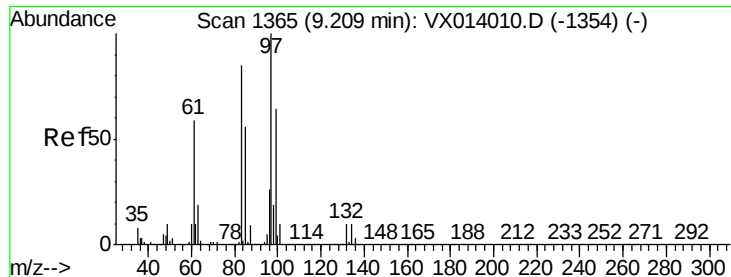
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 18.589 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 97 Resp: 99165

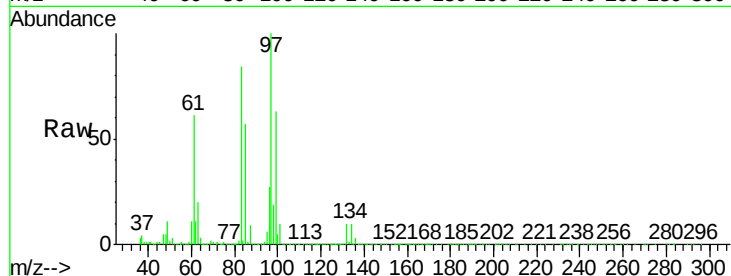
Ion Ratio Lower Upper

97 100

83 84.2 68.2 102.4

85 56.7 44.6 66.8

99 62.0 51.4 77.0

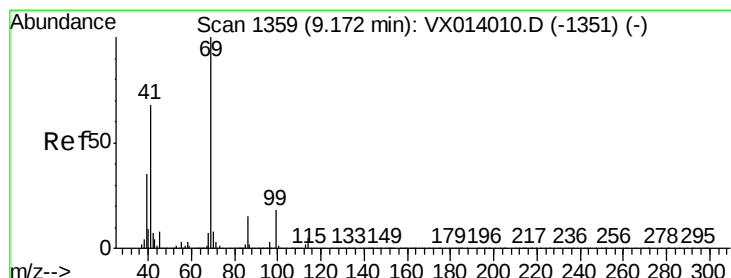
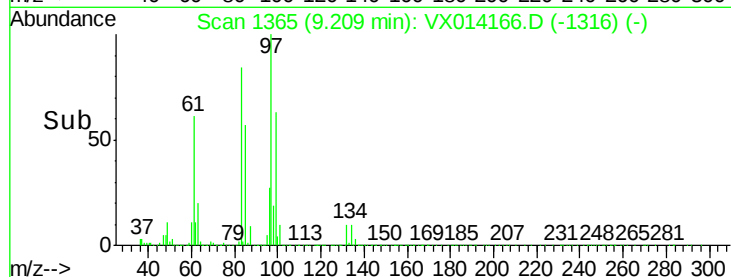
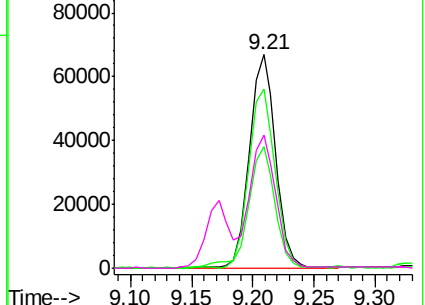


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.820 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

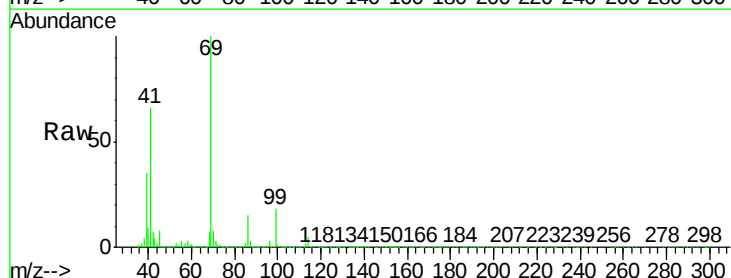
Tgt Ion: 69 Resp: 157710

Ion Ratio Lower Upper

69 100

41 68.6 54.8 82.2

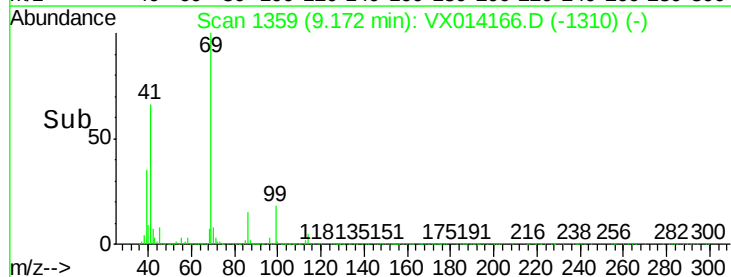
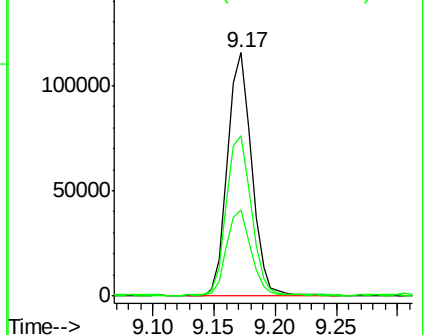
39 35.9 28.3 42.5

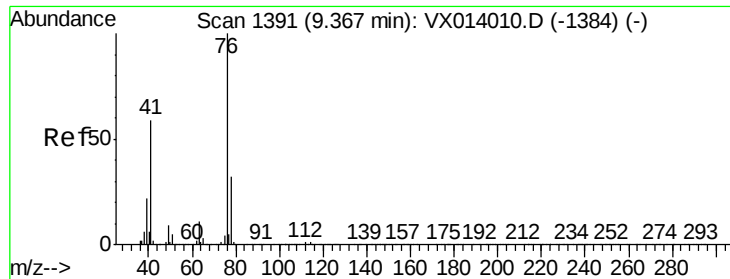


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.881 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

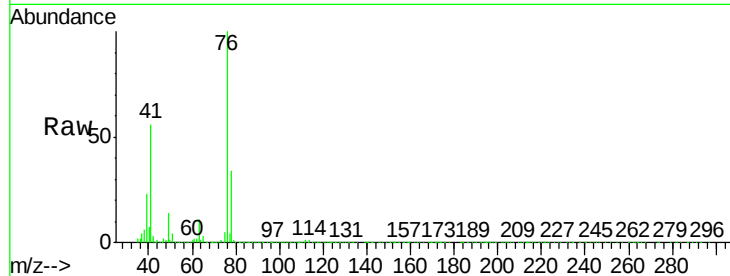
VX1220WBSD01

Tgt Ion: 76 Resp: 169470

Ion Ratio Lower Upper

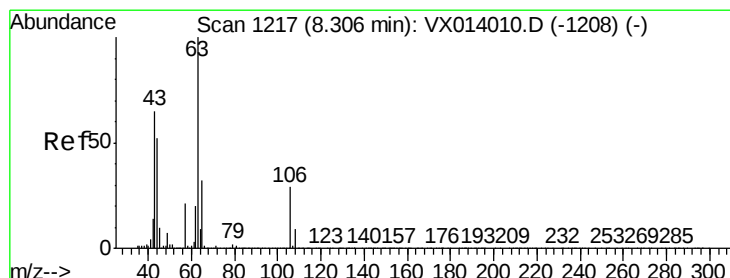
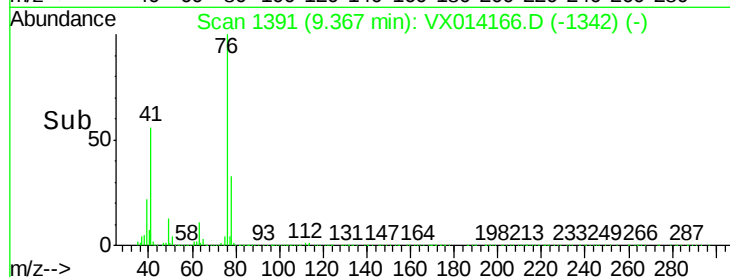
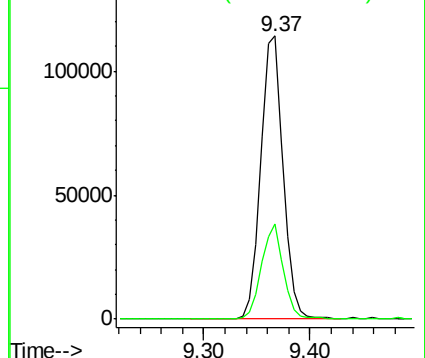
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.457 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014166.D

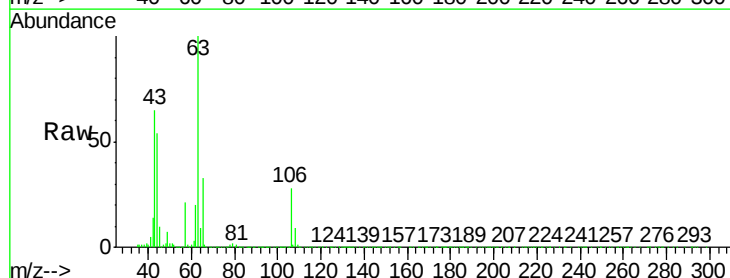
Acq: 20 Dec 2019 12:10

Tgt Ion: 63 Resp: 302719

Ion Ratio Lower Upper

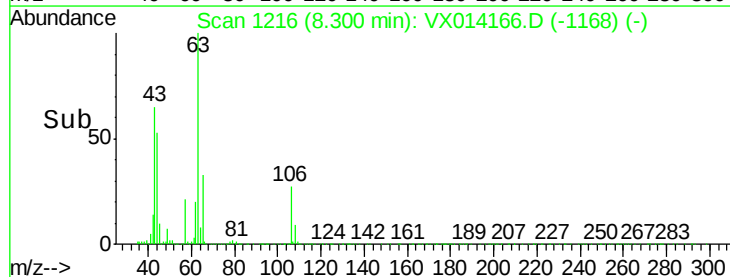
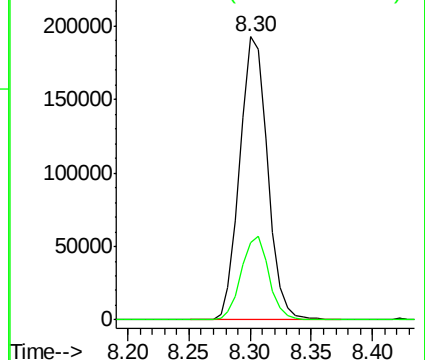
63 100

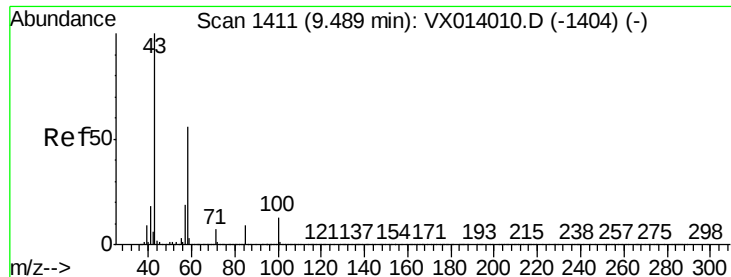
106 29.6 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

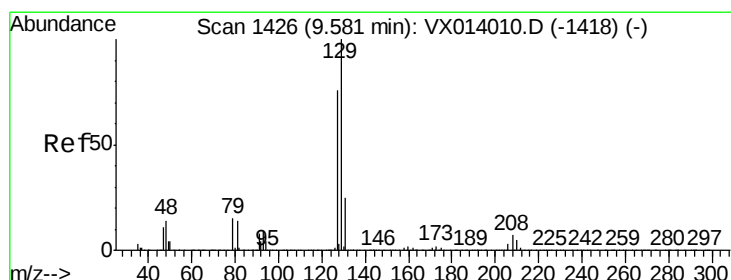
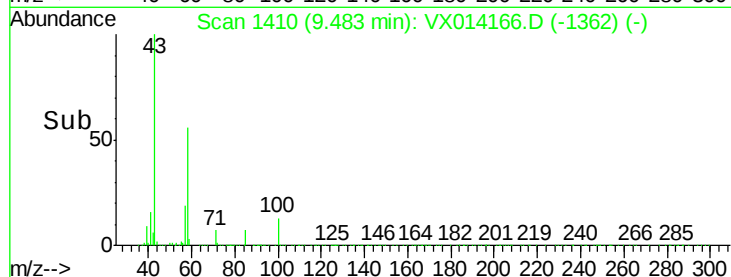
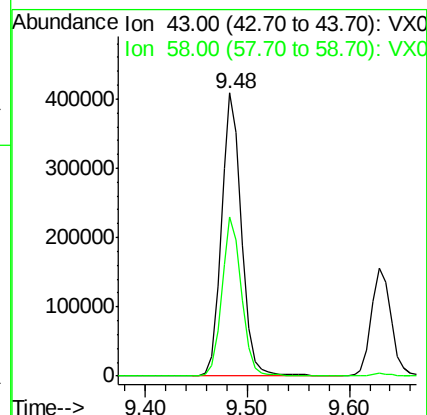
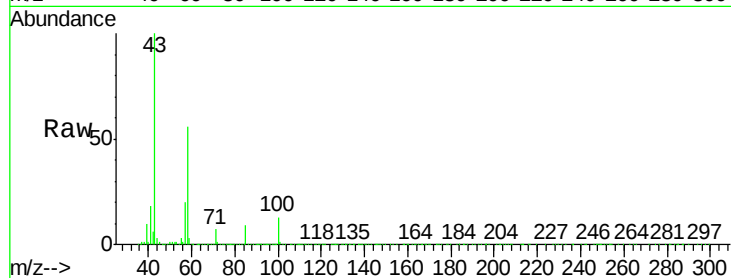




#59
2-Hexanone
Concen: 88.831 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

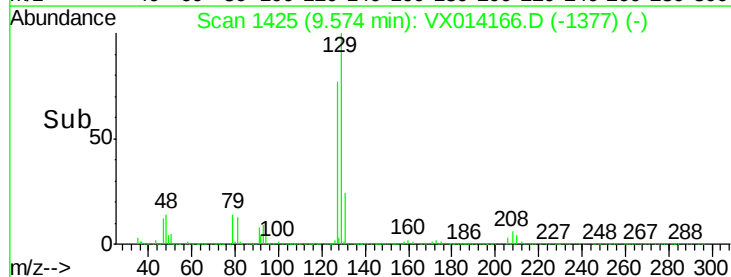
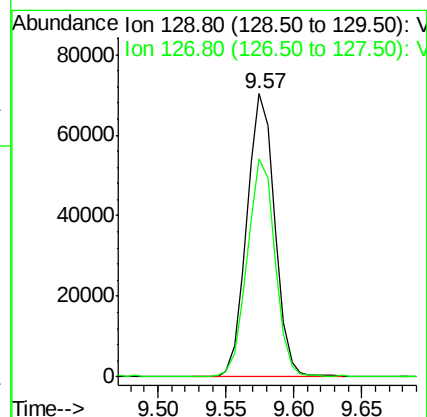
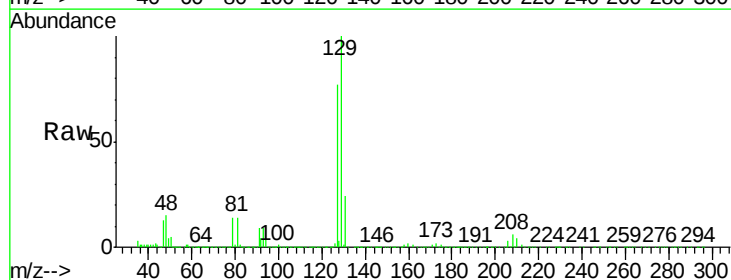
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

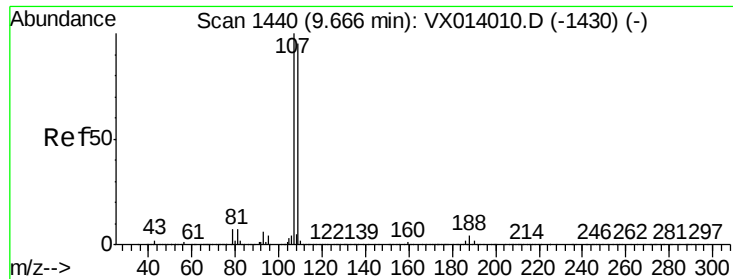
Tgt Ion: 43 Resp: 561716
Ion Ratio Lower Upper
43 100
58 55.2 28.0 84.0



#60
Dibromochloromethane
Concen: 19.109 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 129 Resp: 101331
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.747 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

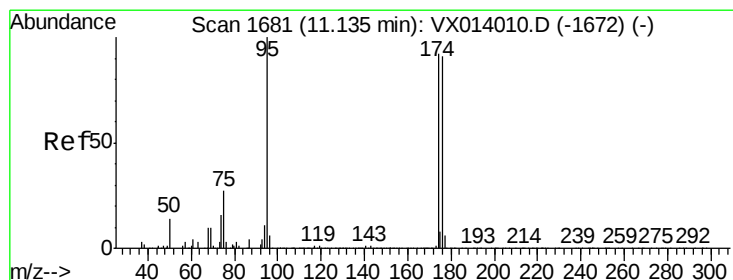
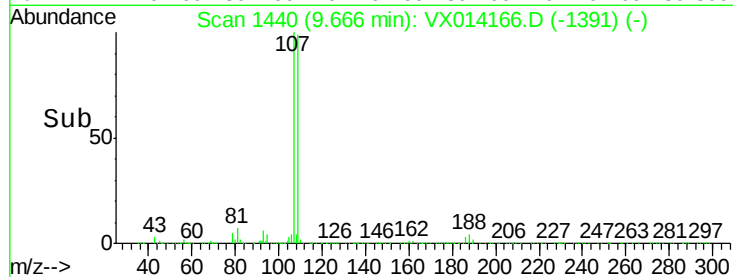
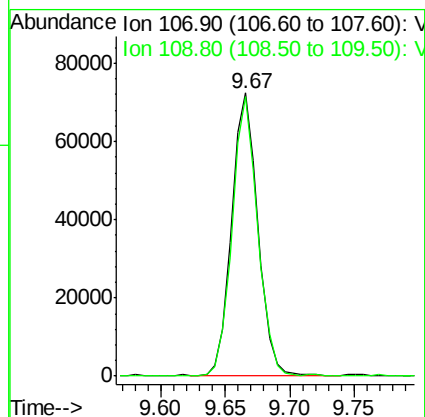
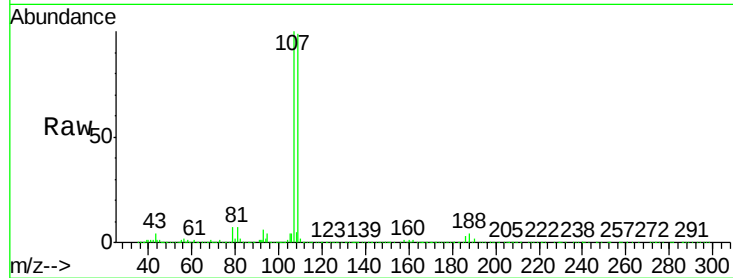
VX1220WBSD01

Tgt Ion: 107 Resp: 102327

Ion Ratio Lower Upper

107 100

109 96.8 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 46.184 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

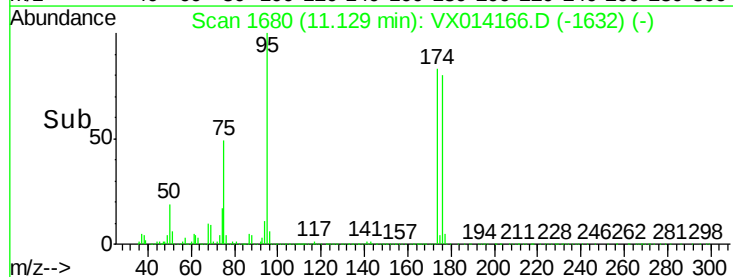
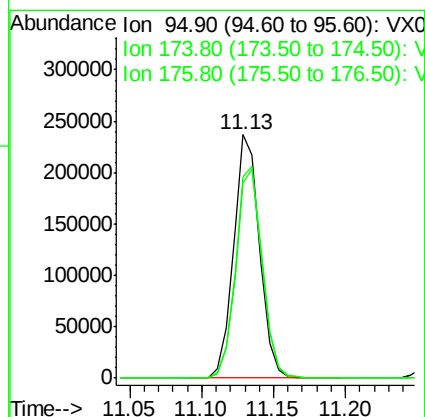
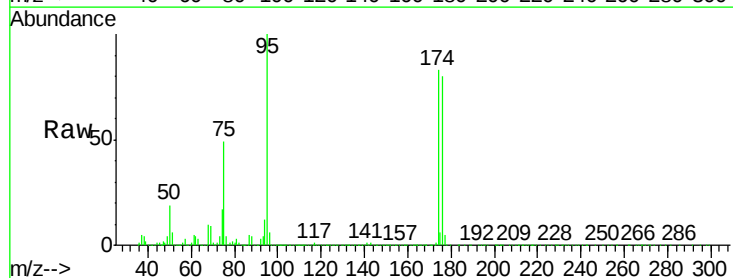
Tgt Ion: 95 Resp: 298027

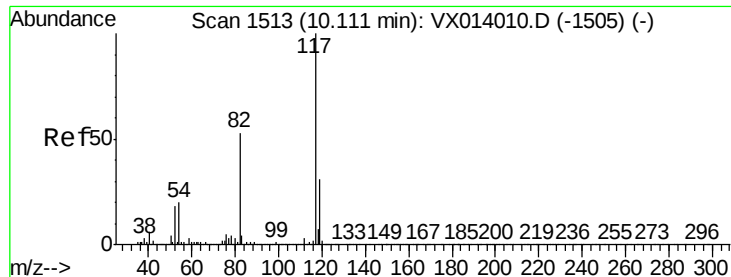
Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.8

176 86.7 0.0 173.0

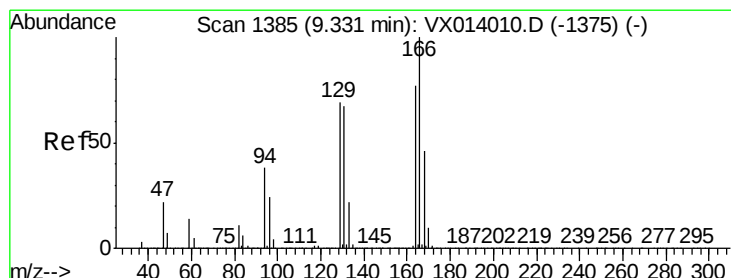
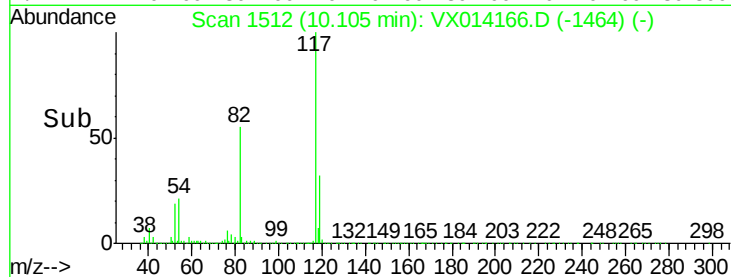
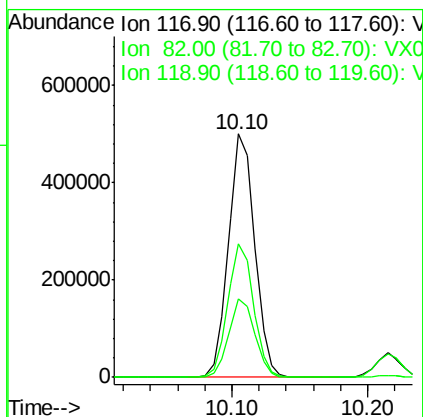
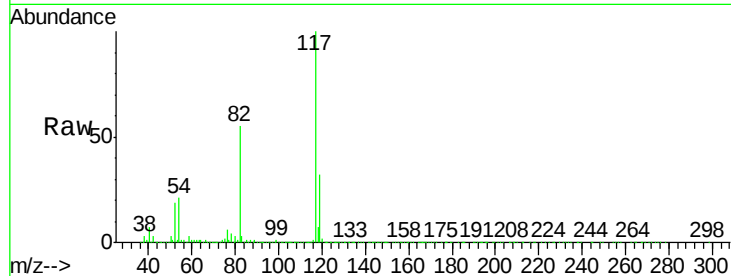




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

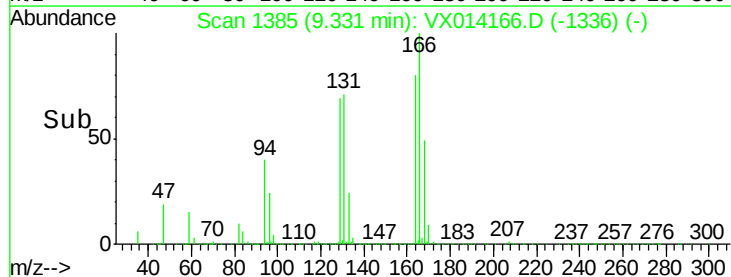
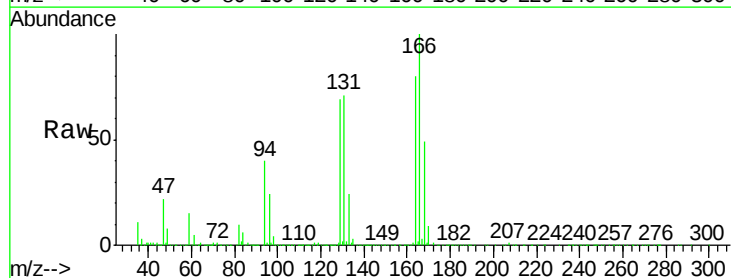
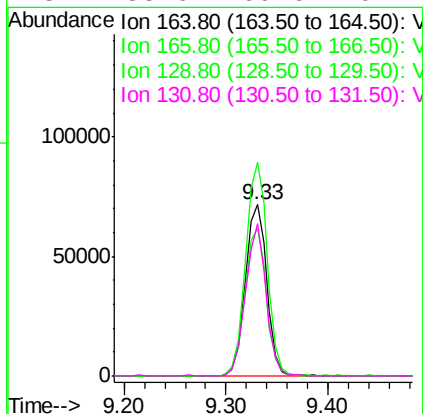
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

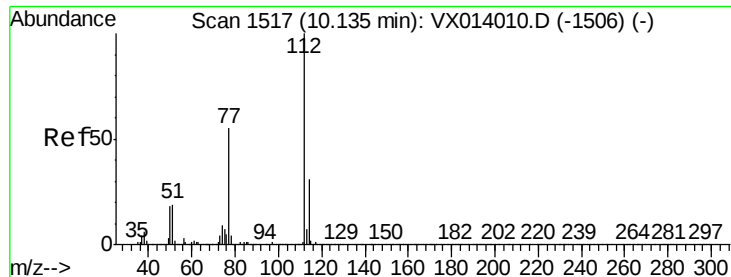
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.2	25.1	37.7



#64
Tetrachloroethene
Concen: 17.616 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	104.0	156.0
129	85.6	72.2	108.4
131	88.6	69.6	104.4





#65

Chlorobenzene

Concen: 18.052 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

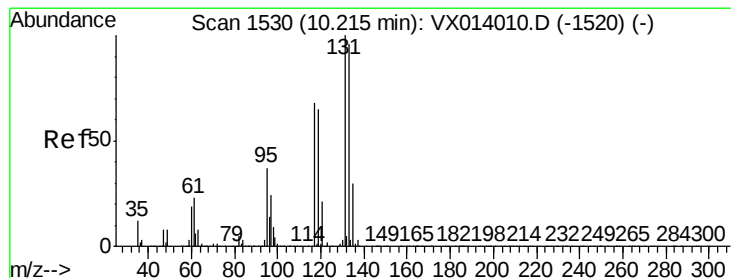
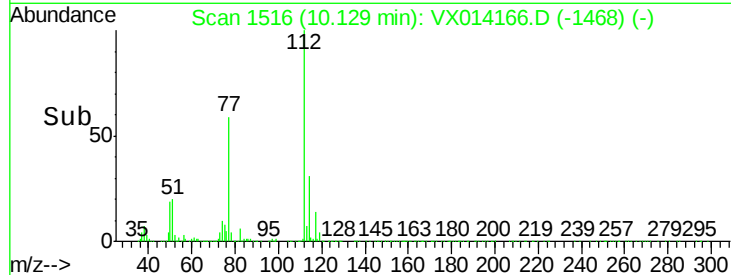
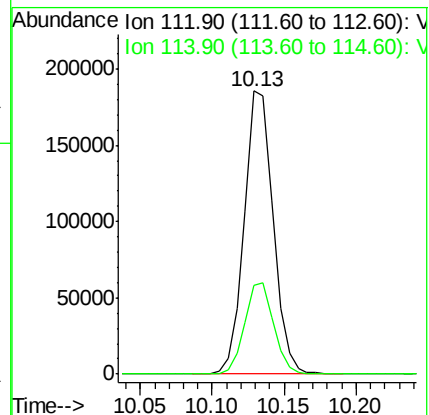
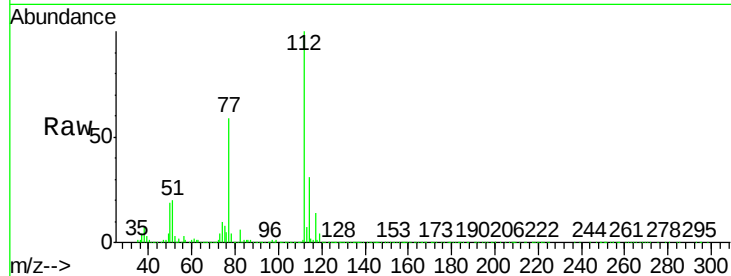
VX1220WBSD01

Tgt Ion:112 Resp: 258071

Ion Ratio Lower Upper

112 100

114 31.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.579 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

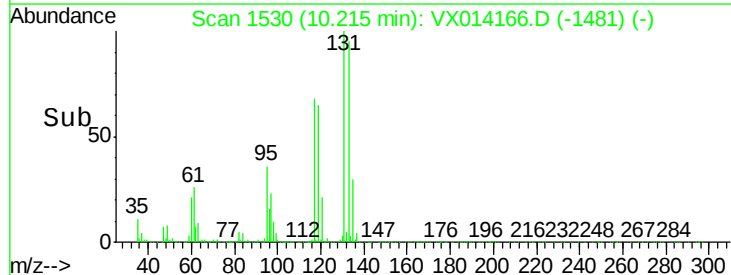
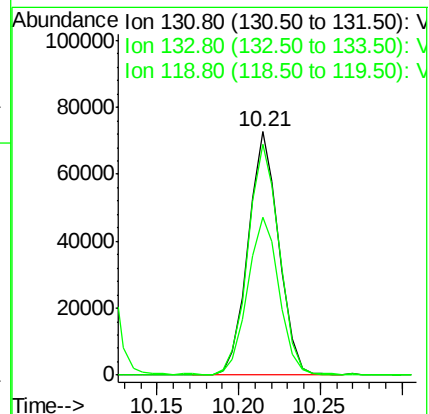
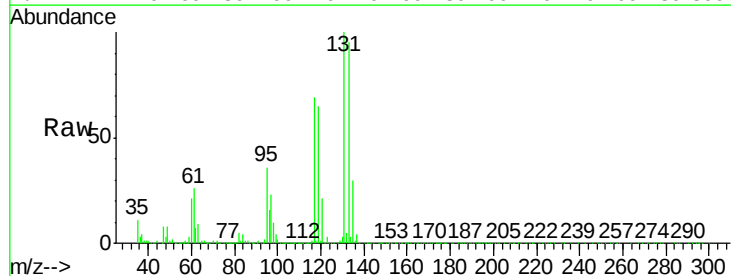
Tgt Ion:131 Resp: 94835

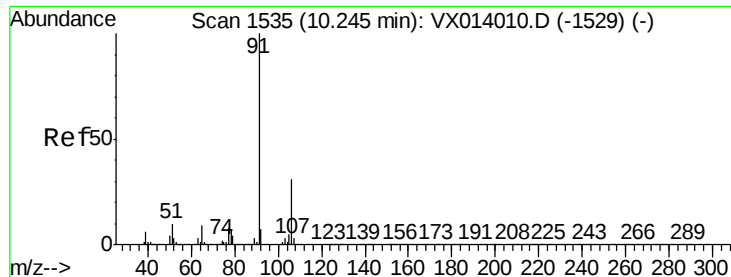
Ion Ratio Lower Upper

131 100

133 97.7 48.0 144.0

119 66.3 33.4 100.2





#67

Ethyl Benzene

Concen: 18.106 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

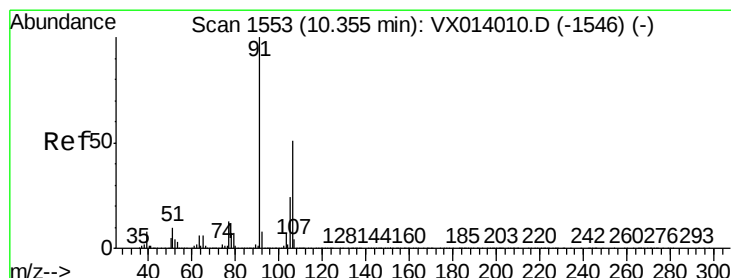
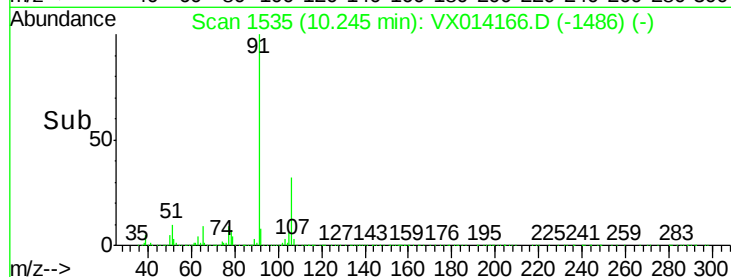
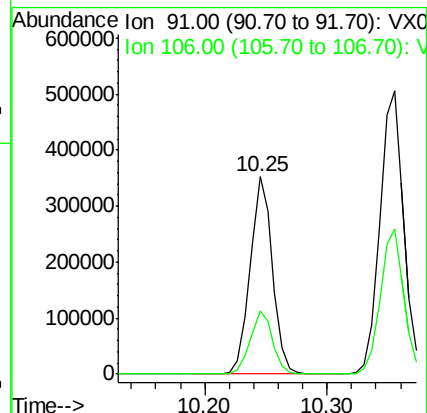
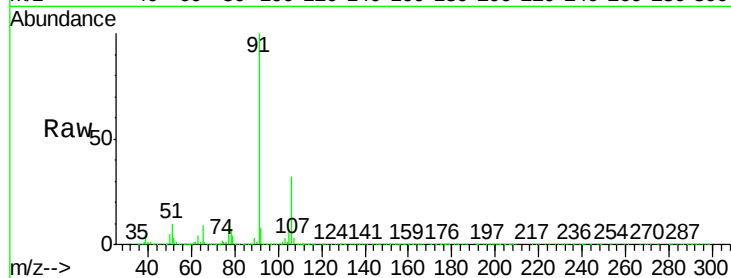
VX1220WBSD01

Tgt Ion: 91 Resp: 445012

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.6



#68

m/p-Xylenes

Concen: 36.592 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014166.D

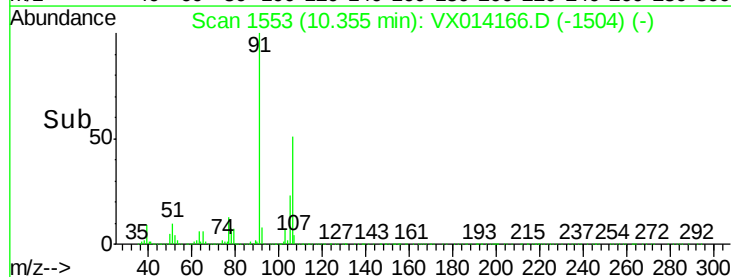
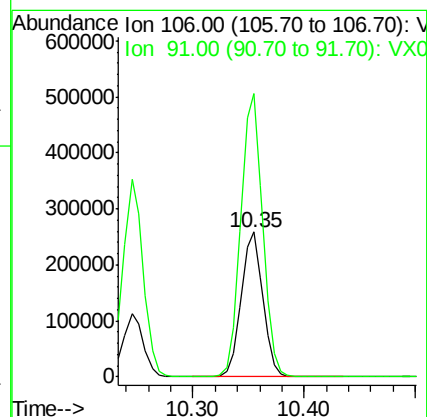
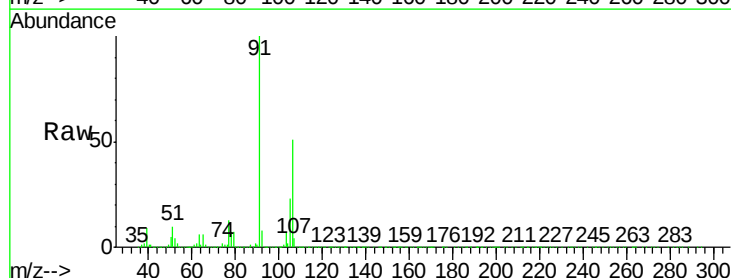
Acq: 20 Dec 2019 12:10

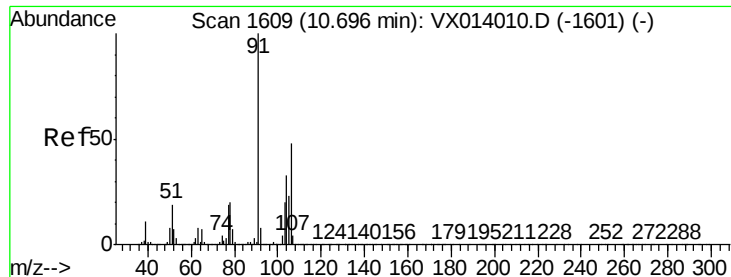
Tgt Ion: 106 Resp: 345908

Ion Ratio Lower Upper

106 100

91 197.9 158.6 238.0

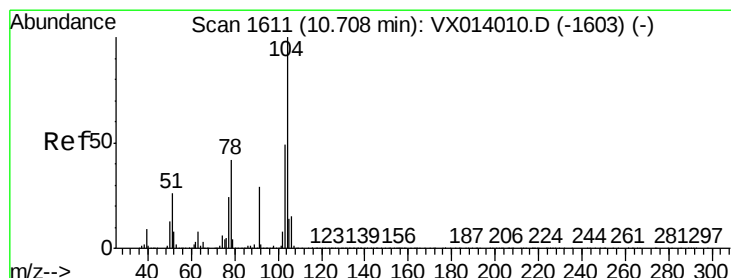
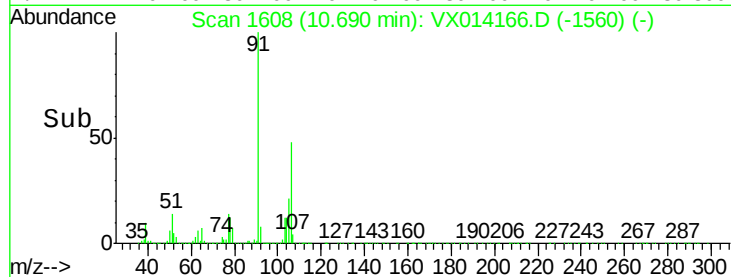
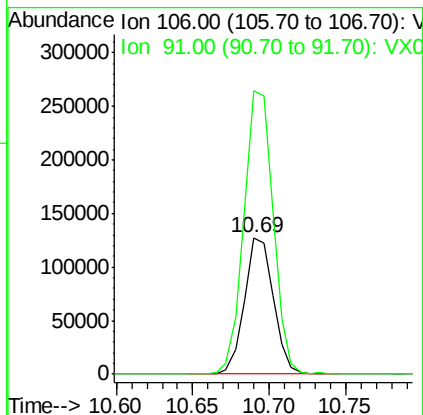
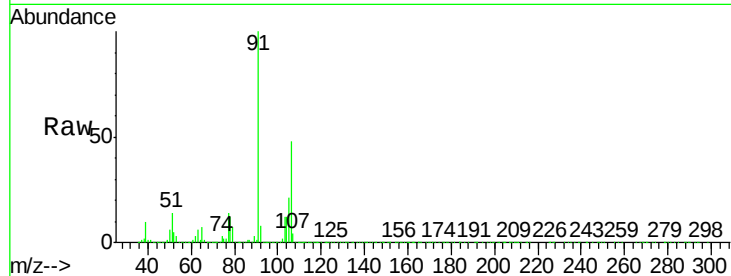




#69
o-Xylene
Concen: 18.087 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

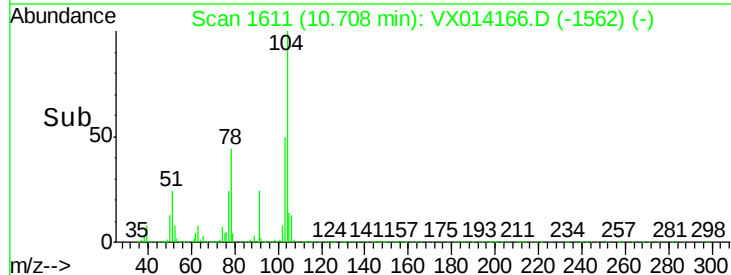
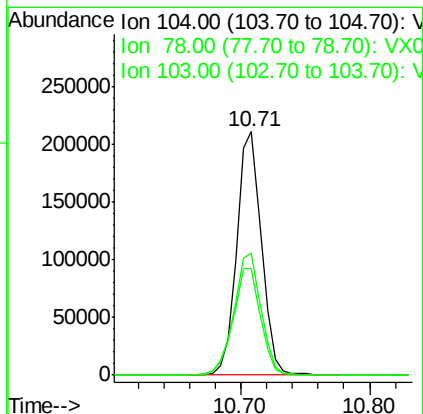
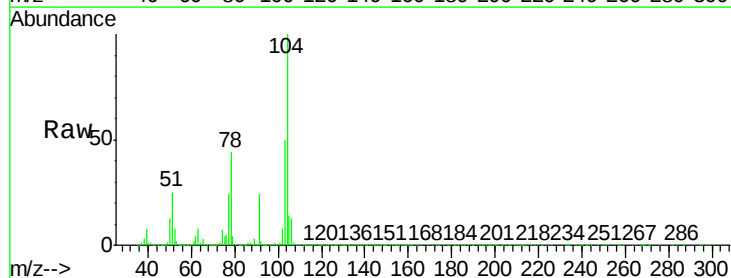
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

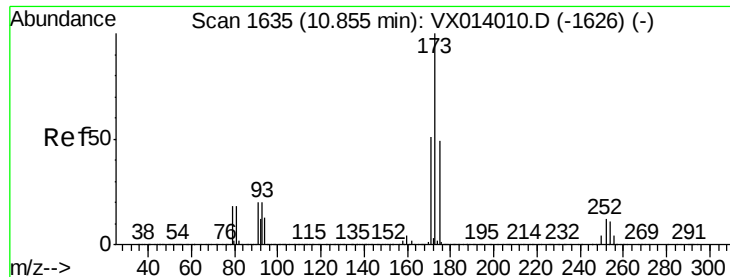
Tgt Ion:106 Resp: 167690
Ion Ratio Lower Upper
106 100
91 209.3 104.2 312.6



#70
Styrene
Concen: 17.959 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion:104 Resp: 281548
Ion Ratio Lower Upper
104 100
78 49.5 38.5 57.7
103 54.8 42.9 64.3

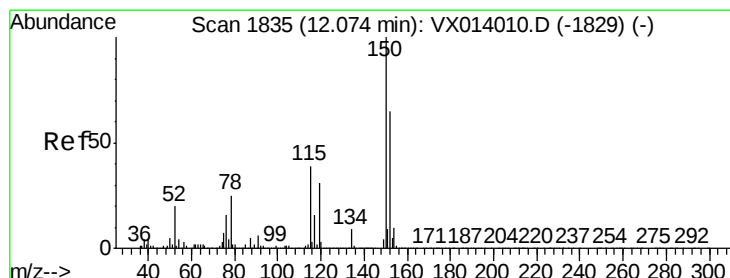
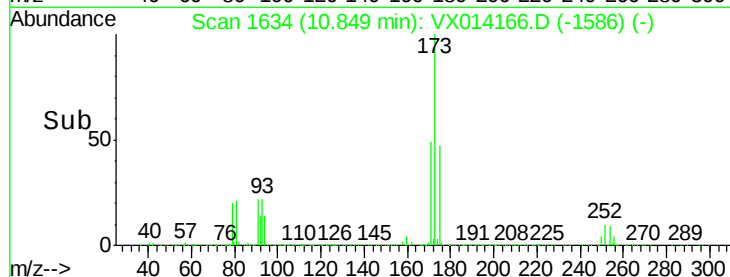
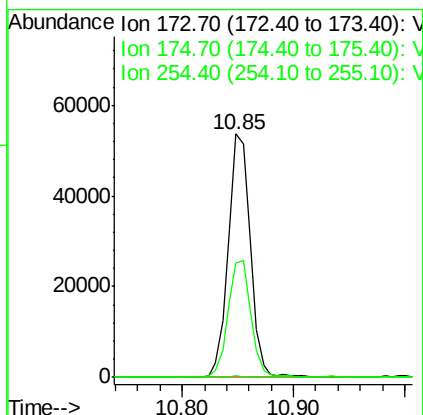
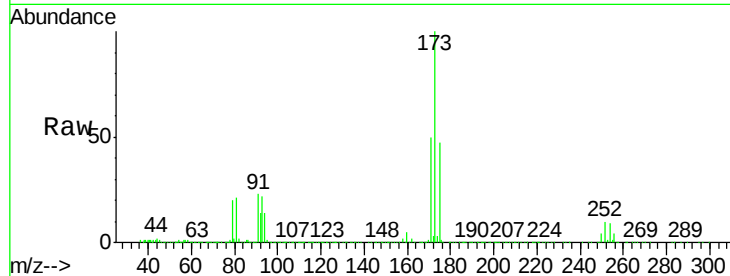




#71
Bromoform
Concen: 18.015 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

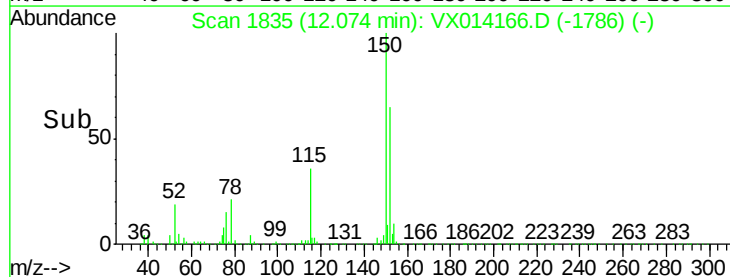
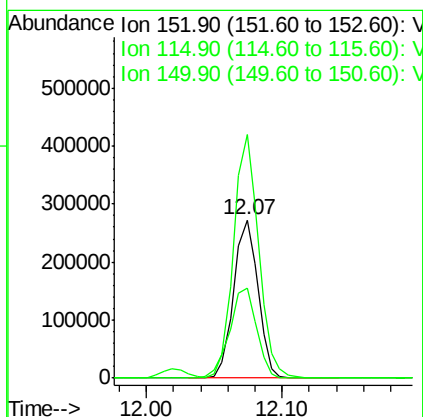
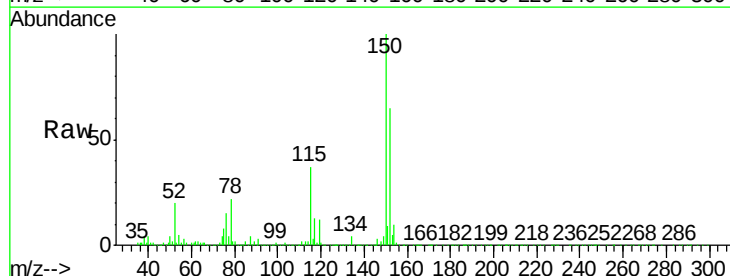
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

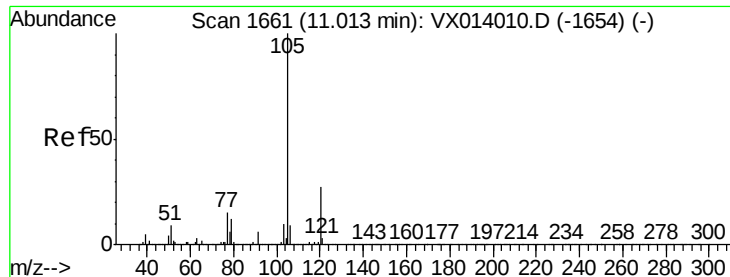
Tgt Ion:173 Resp: 73916
Ion Ratio Lower Upper
173 100
175 49.9 24.4 73.4
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion:152 Resp: 339451
Ion Ratio Lower Upper
152 100
115 63.1 38.3 114.9
150 157.8 0.0 345.4





#73

Isopropylbenzene

Concen: 18.744 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

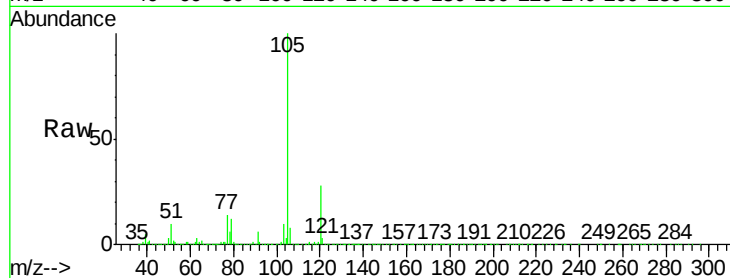
VX1220WBSD01

Tgt Ion: 105 Resp: 447981

Ion Ratio Lower Upper

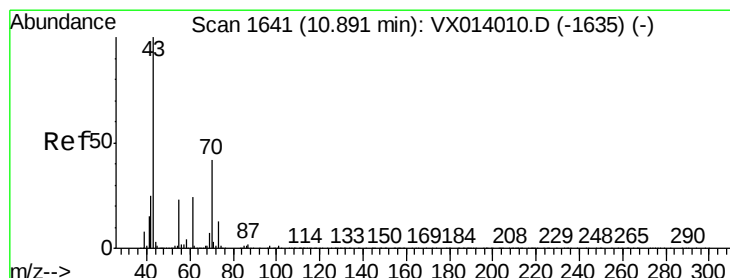
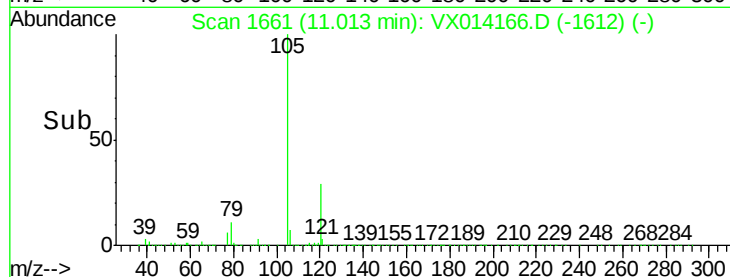
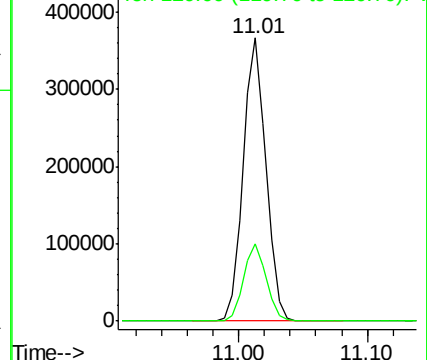
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.894 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Tgt Ion: 43 Resp: 200467

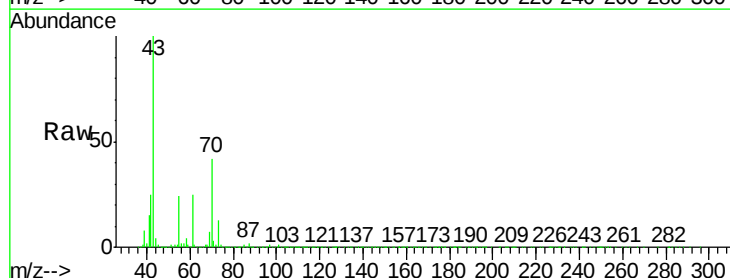
Ion Ratio Lower Upper

43 100

70 43.6 34.4 51.6

55 23.8 19.1 28.7

61 25.0 19.7 29.5

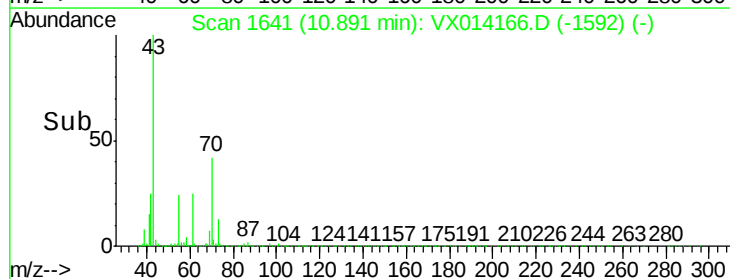
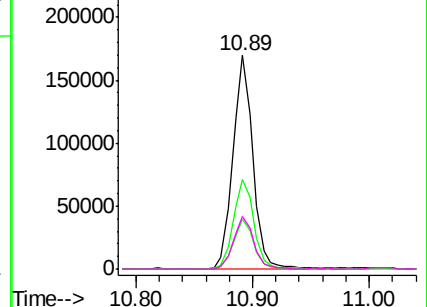


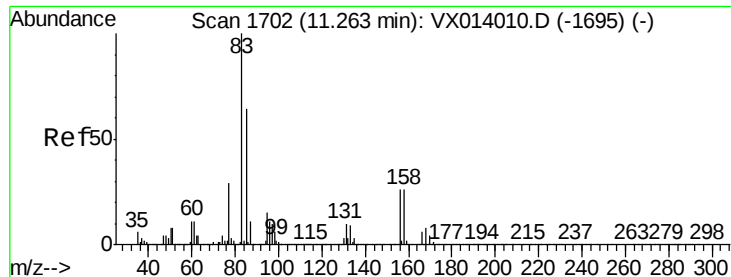
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.603 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

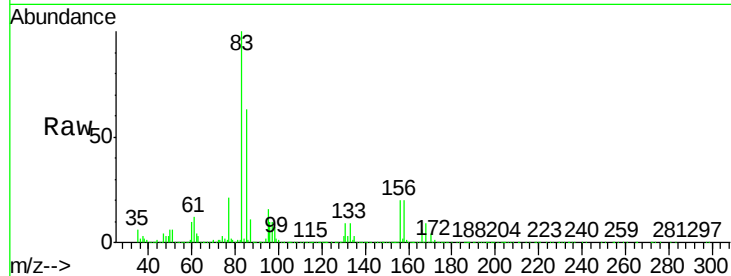
Tgt Ion: 83 Resp: 154146

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

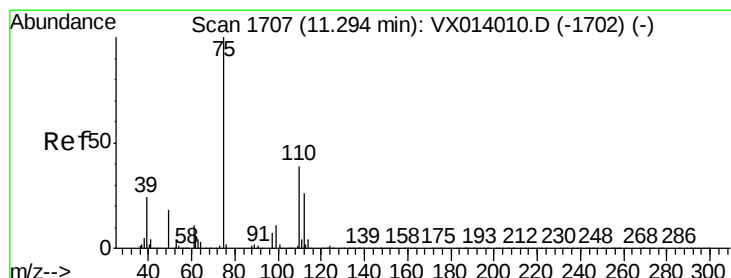
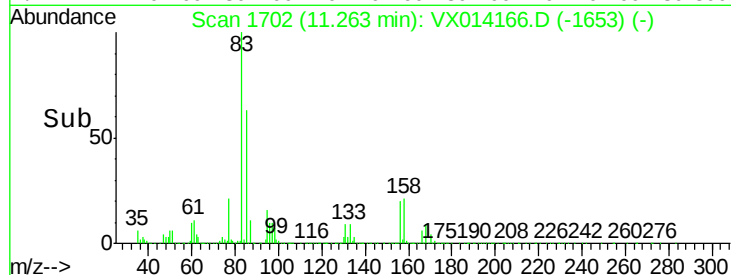
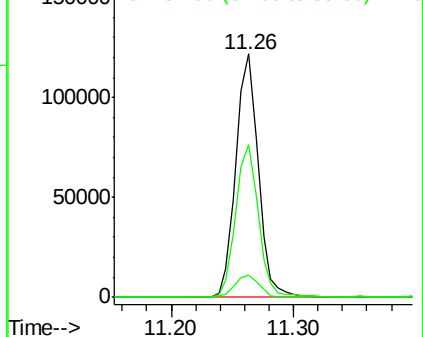
85 63.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.492 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014166.D

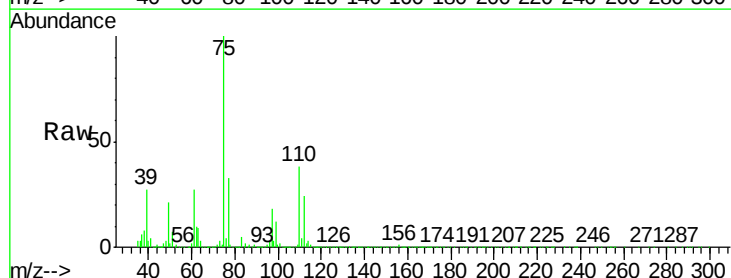
Acq: 20 Dec 2019 12:10

Tgt Ion: 75 Resp: 165753

Ion Ratio Lower Upper

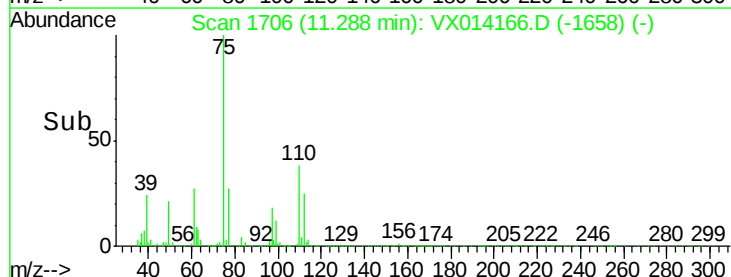
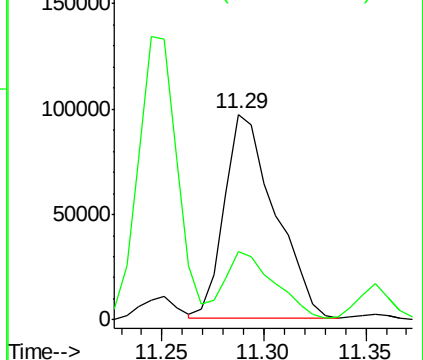
75 100

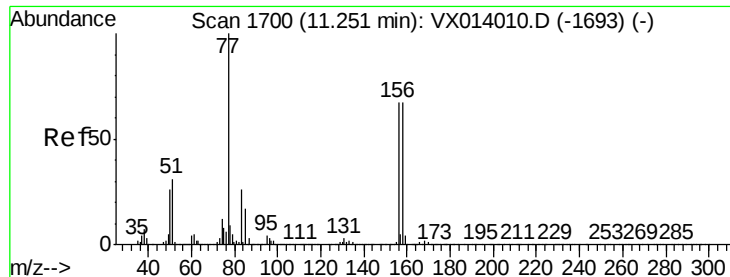
77 33.6 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.005 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

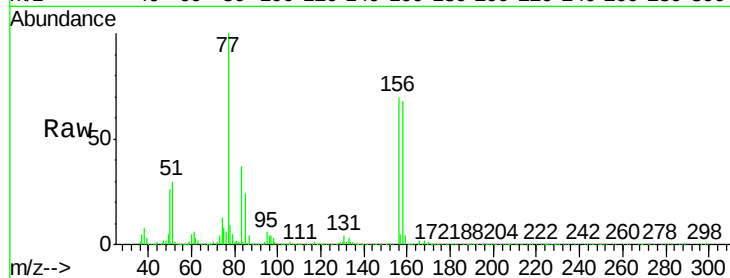
Tgt Ion: 156 Resp: 118397

Ion Ratio Lower Upper

156 100

77 149.5 76.5 229.5

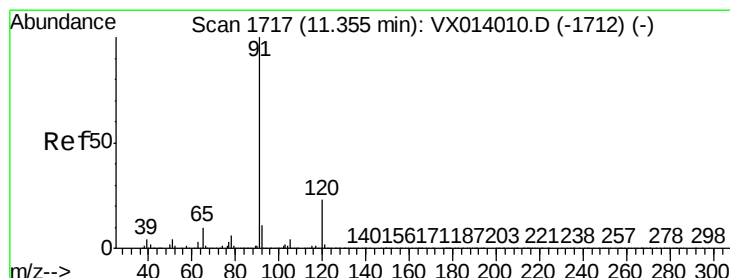
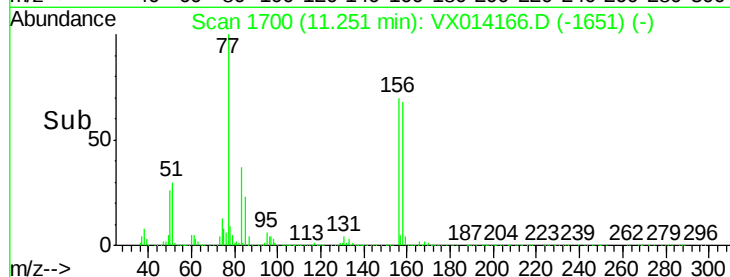
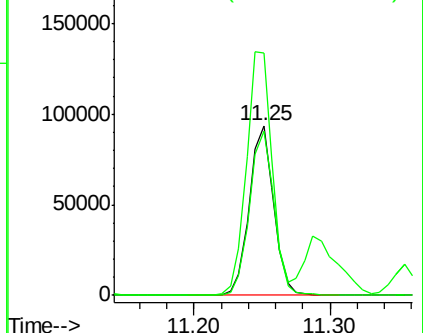
158 97.3 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.658 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014166.D

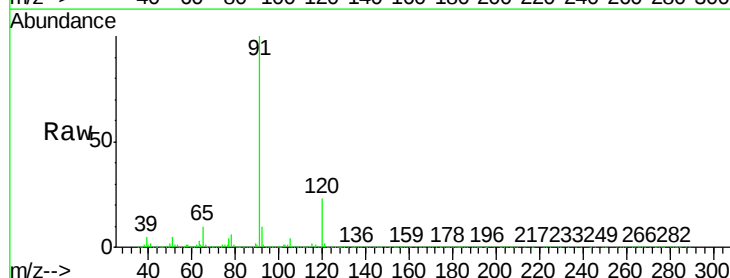
Acq: 20 Dec 2019 12:10

Tgt Ion: 91 Resp: 500180

Ion Ratio Lower Upper

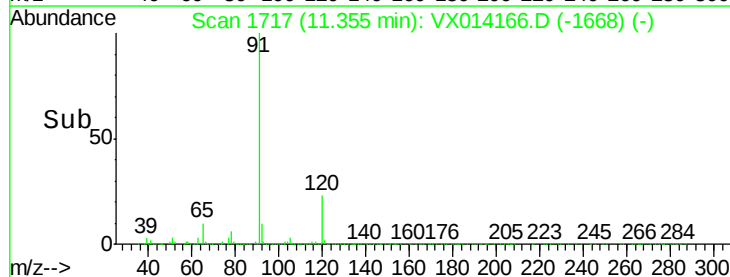
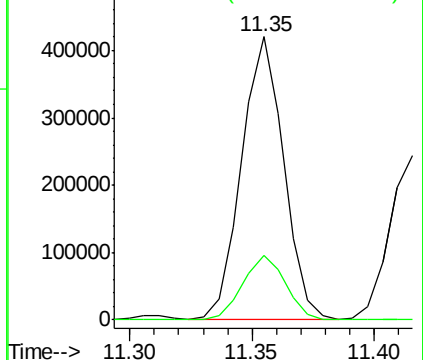
91 100

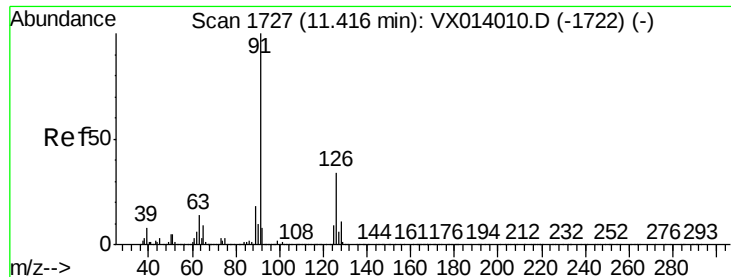
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

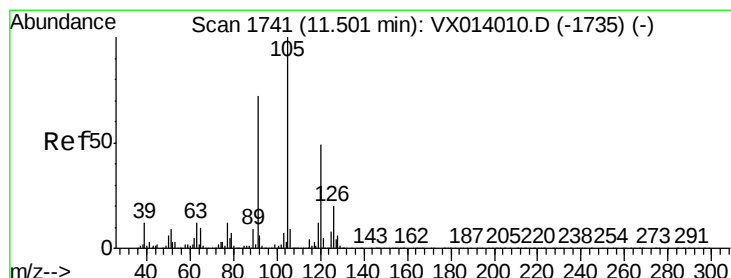
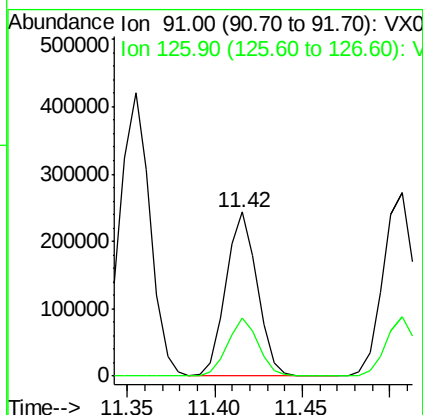
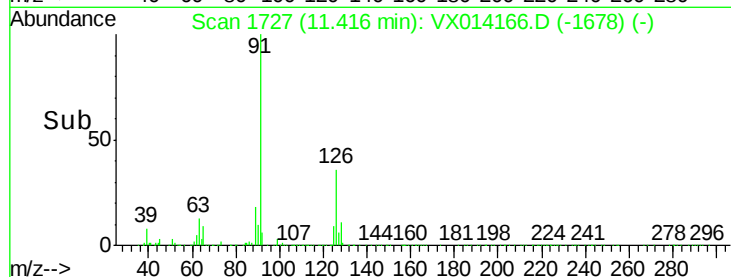
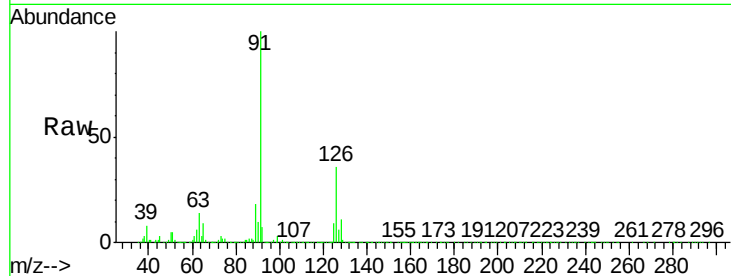




#79
 2-Chlorotoluene
 Concen: 18.520 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

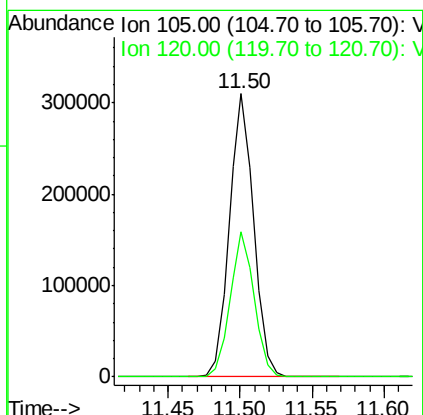
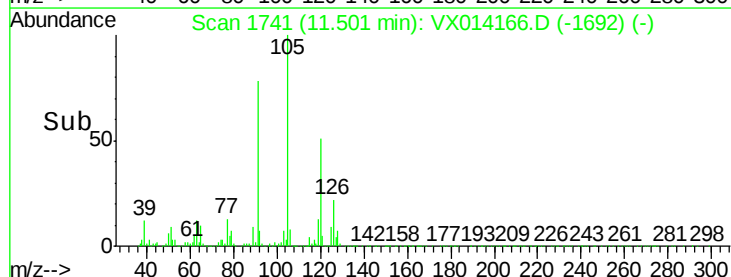
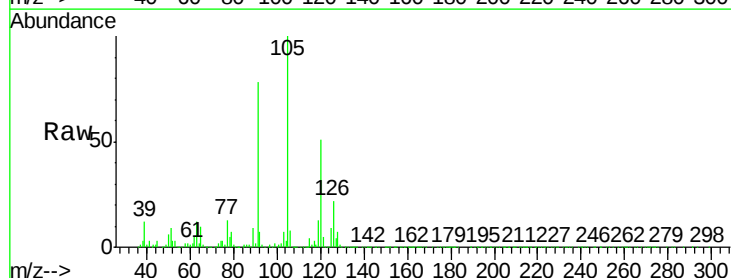
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

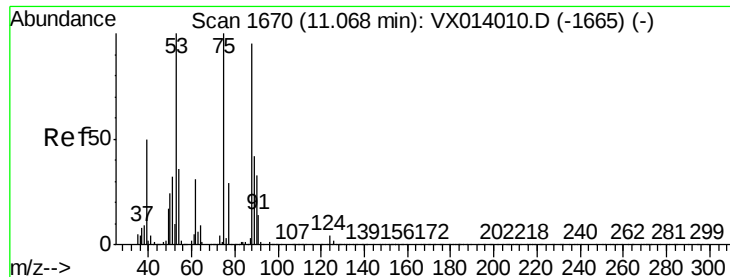
Tgt Ion: 91 Resp: 301793
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.232 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Tgt Ion: 105 Resp: 366716
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.048 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

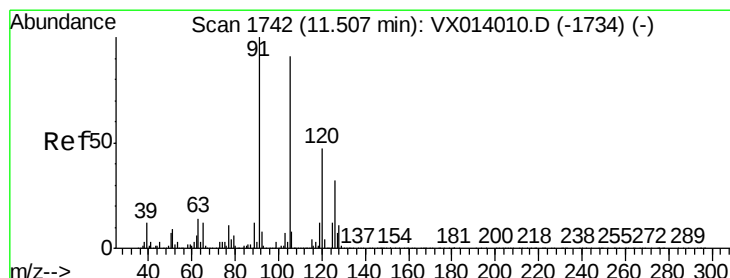
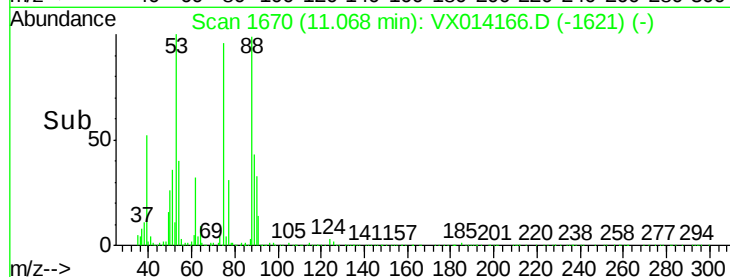
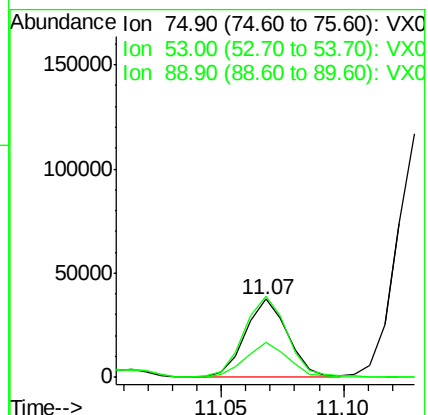
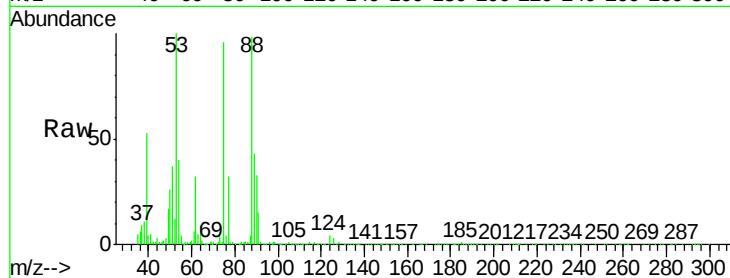
Tgt Ion: 75 Resp: 44512

Ion Ratio Lower Upper

75 100

53 106.1 76.7 115.1

89 45.1 34.6 51.8



#82

4-Chlorotoluene

Concen: 17.937 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014166.D

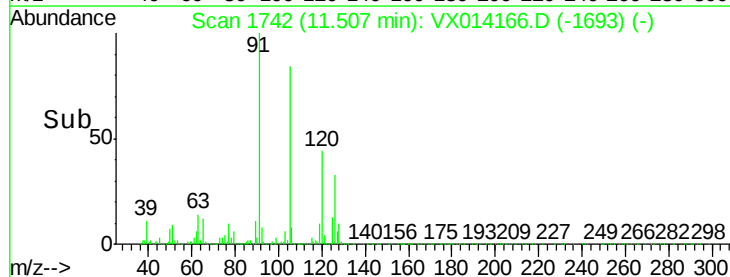
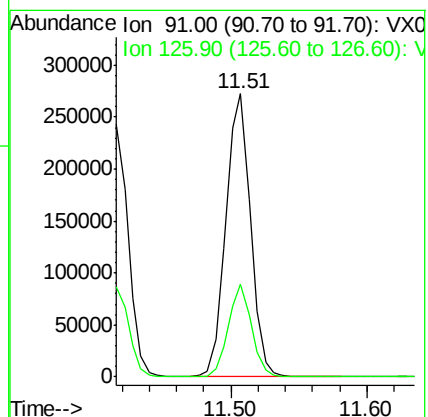
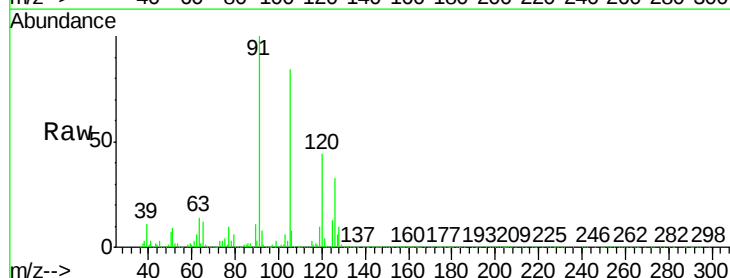
Acq: 20 Dec 2019 12:10

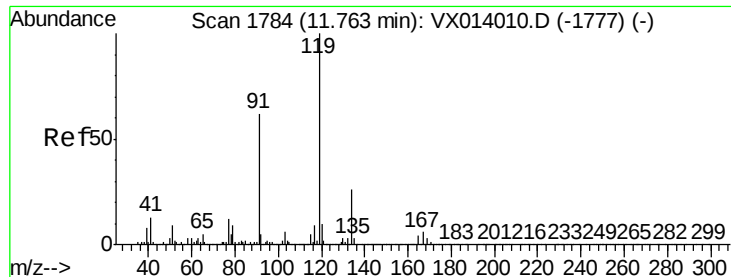
Tgt Ion: 91 Resp: 339053

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

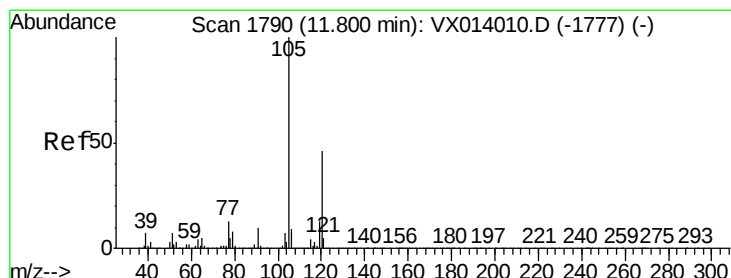
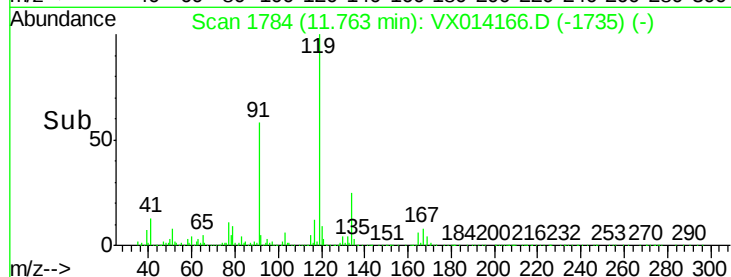
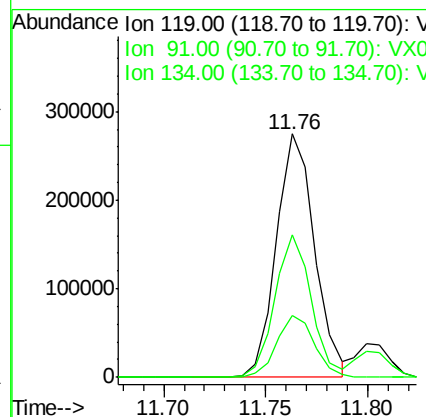
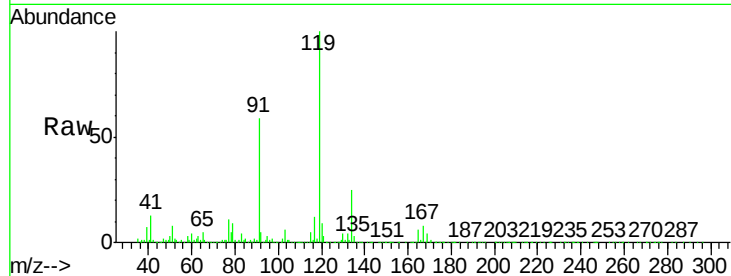




#83
tert-Butylbenzene
Concen: 18.290 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

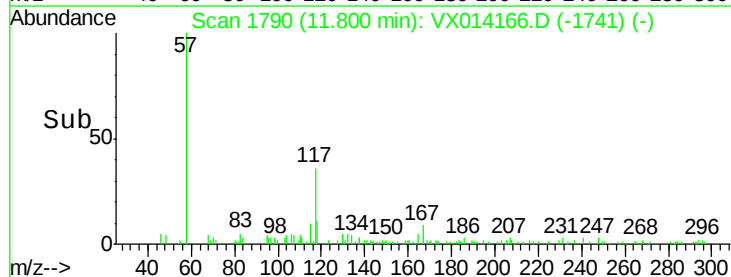
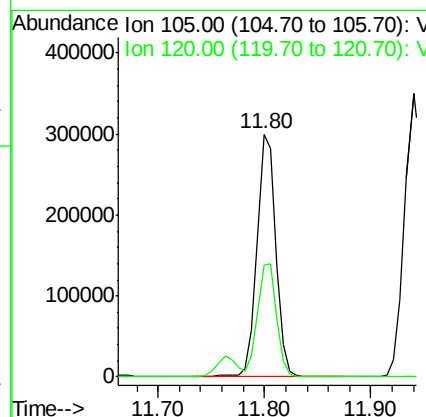
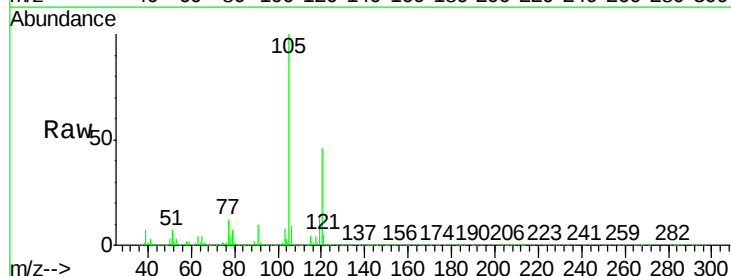
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

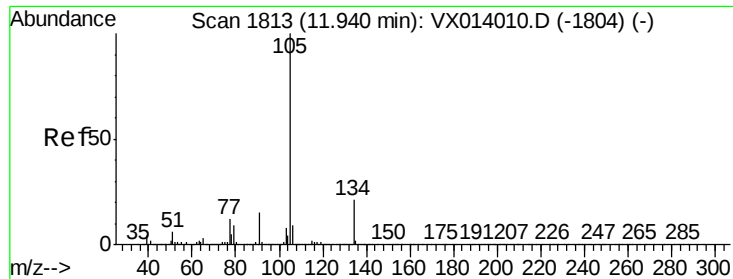
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.5	85.6
134	25.1	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 18.509 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2

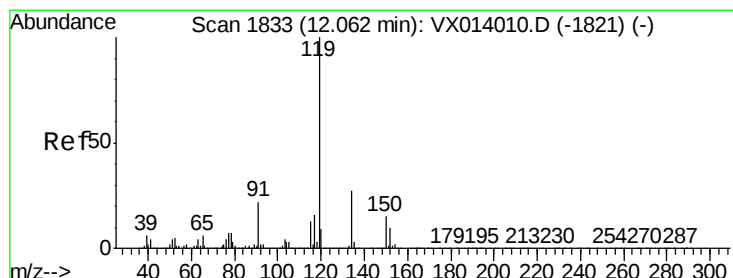
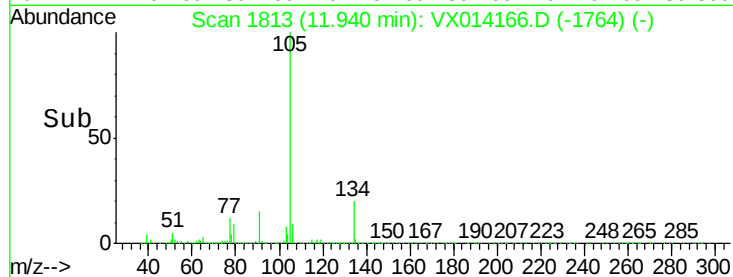
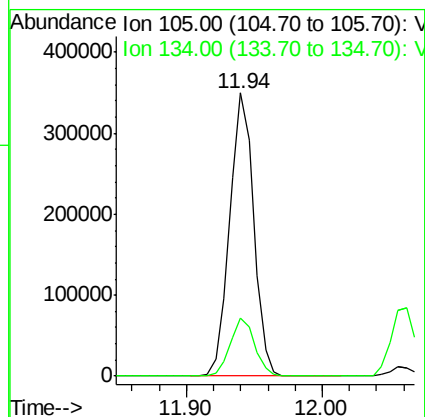
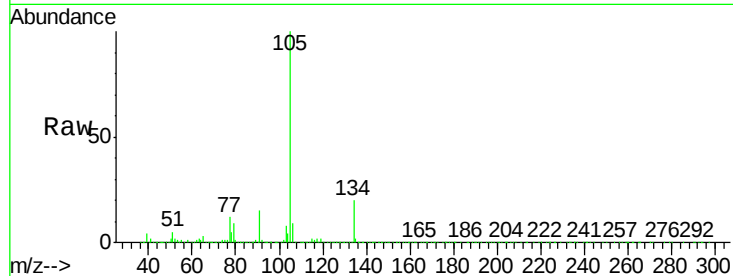




#85
 sec-Butylbenzene
 Concen: 18.537 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

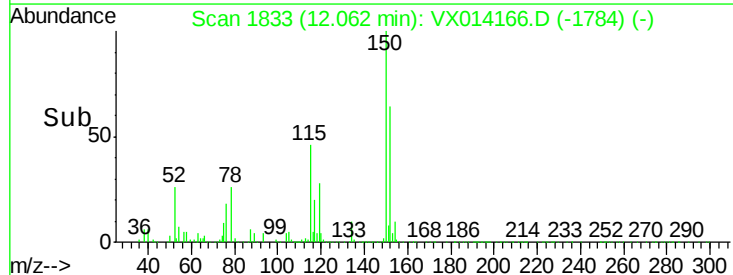
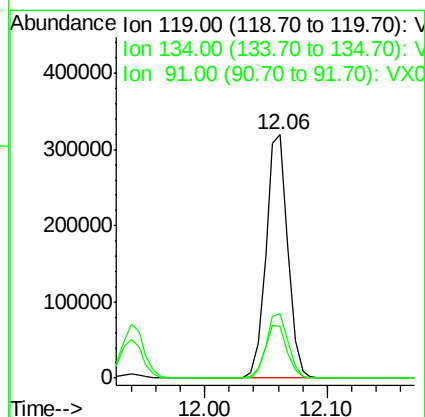
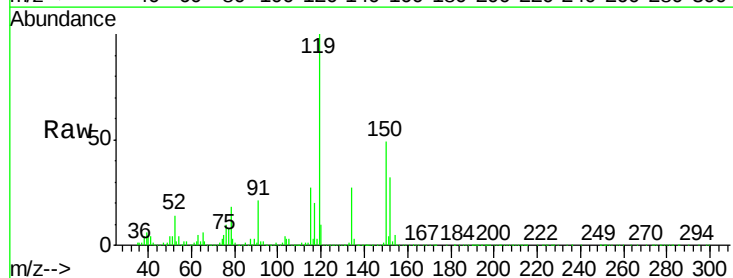
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

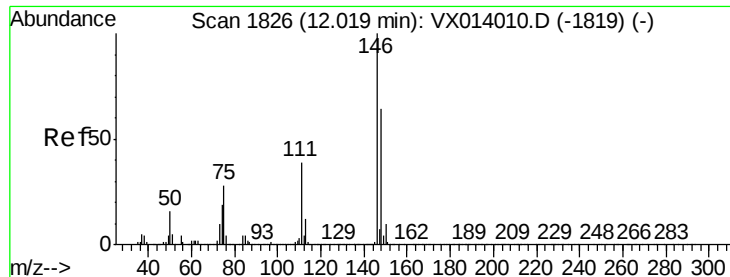
Tgt Ion:105 Resp: 428358
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.711 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Tgt Ion:119 Resp: 395503
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.0 11.4 34.1

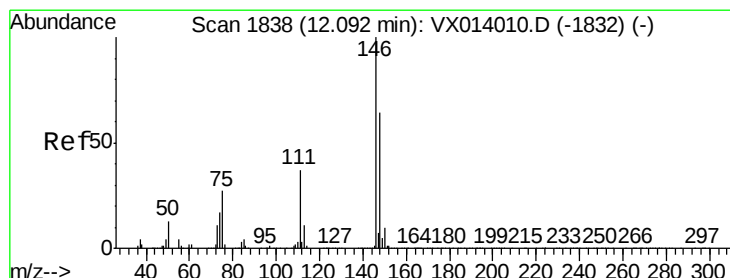
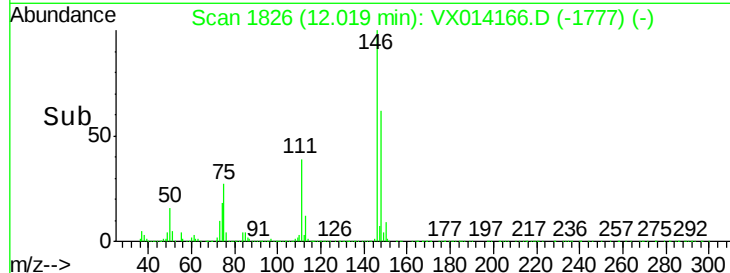
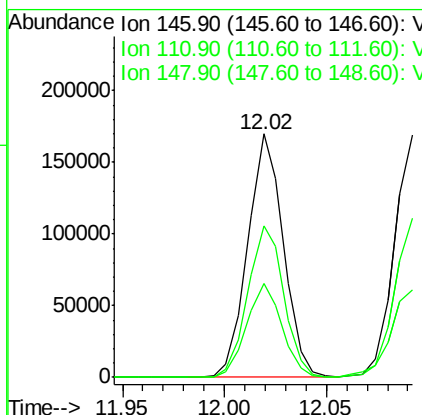
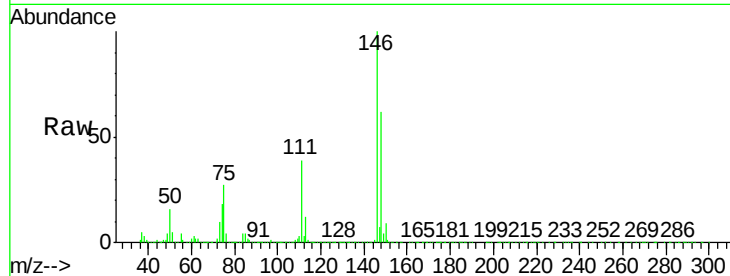




#87
 1,3-Dichlorobenzene
 Concen: 17.836 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

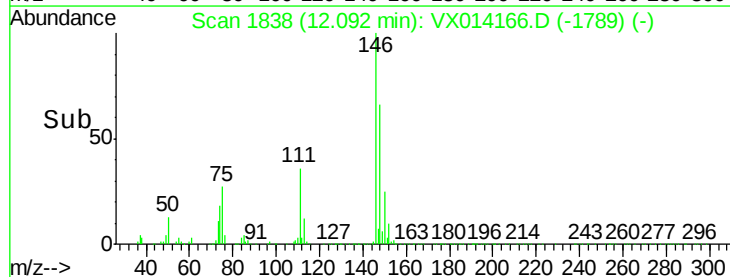
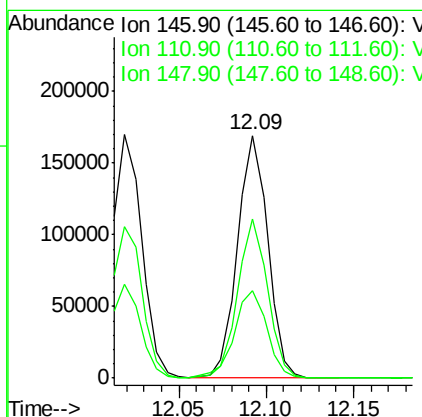
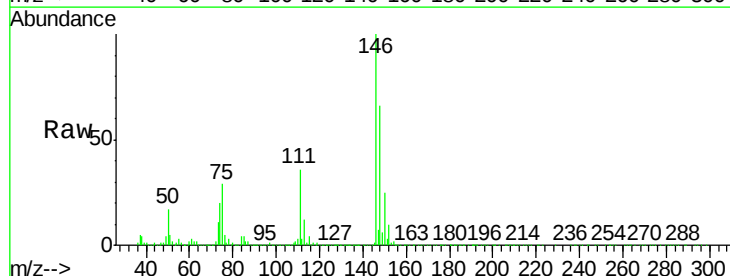
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

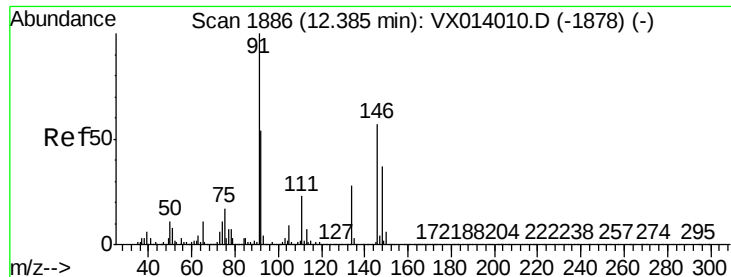
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.4	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 17.462 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.7	56.1
148	64.6	31.9	95.9

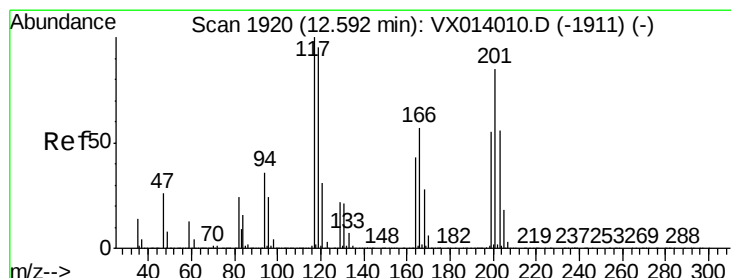
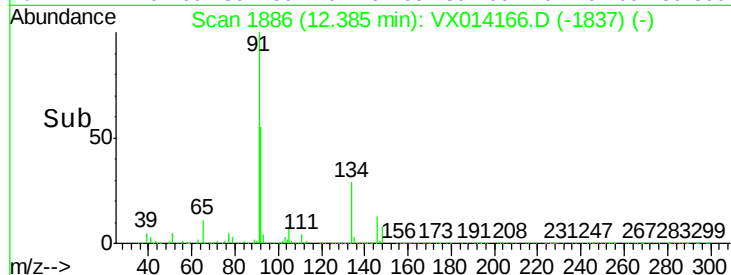
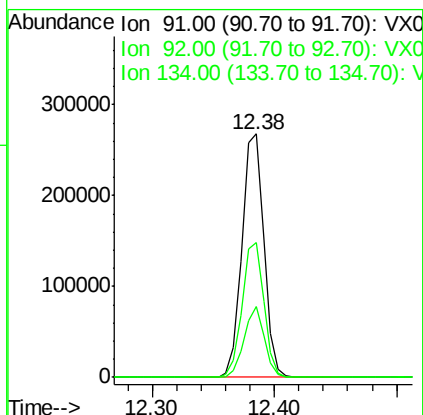
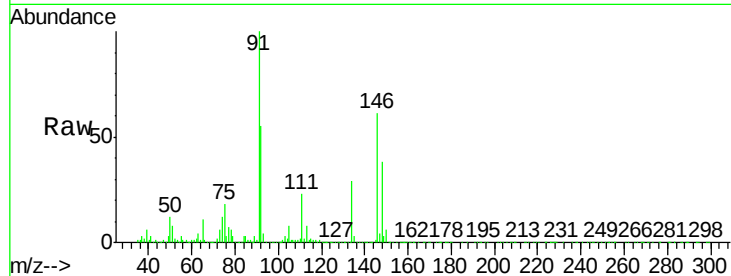




#89
n-Butylbenzene
Concen: 18.280 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

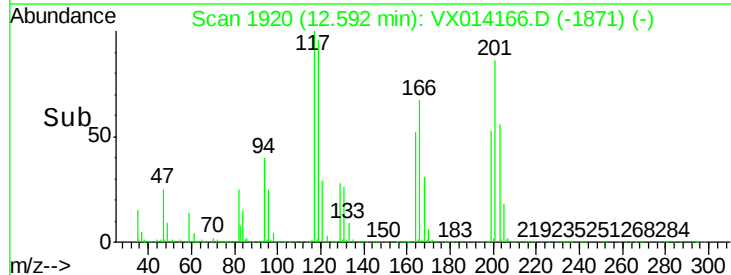
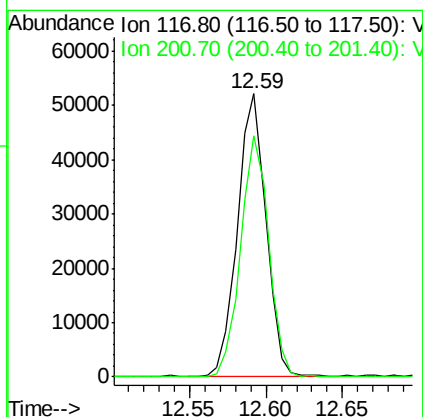
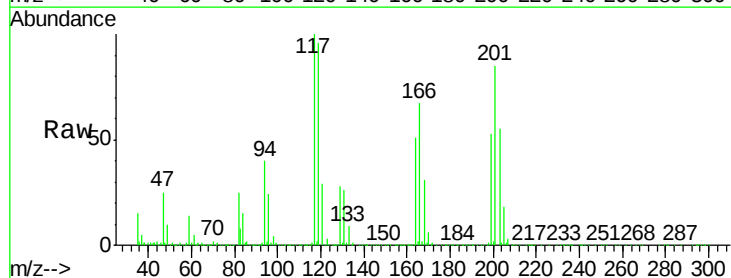
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

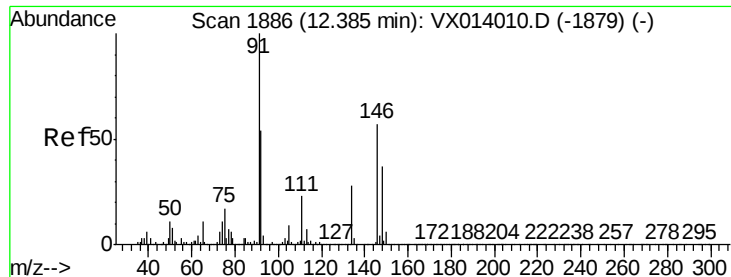
Tgt Ion: 91 Resp: 329708
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 27.2 13.4 40.1



#90
Hexachloroethane
Concen: 17.842 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion: 117 Resp: 67743
Ion Ratio Lower Upper
117 100
201 83.6 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 17.943 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

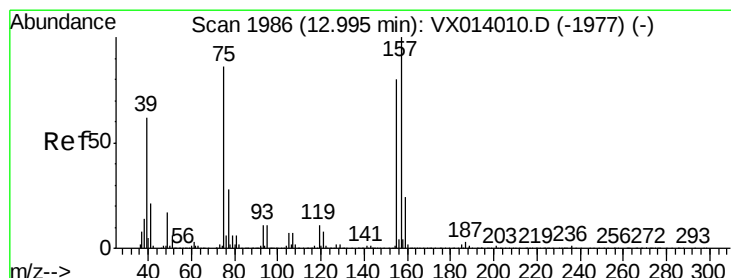
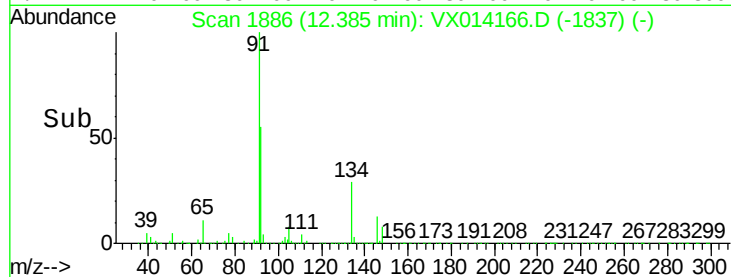
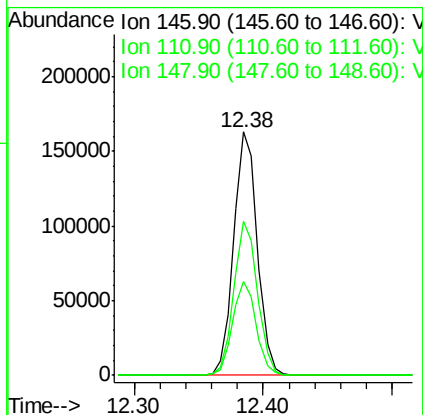
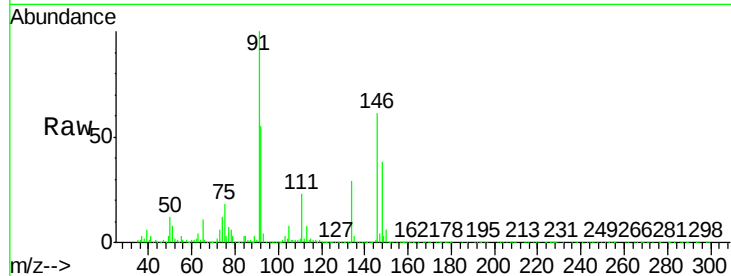
Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion:	146	Resp:	208171
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.7	59.1
148	63.3	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.706 ug/l

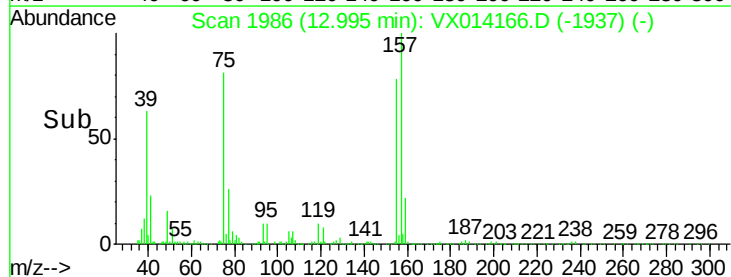
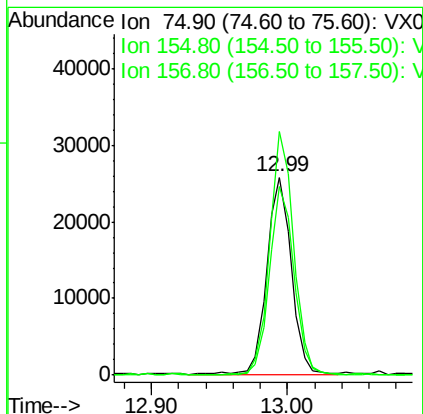
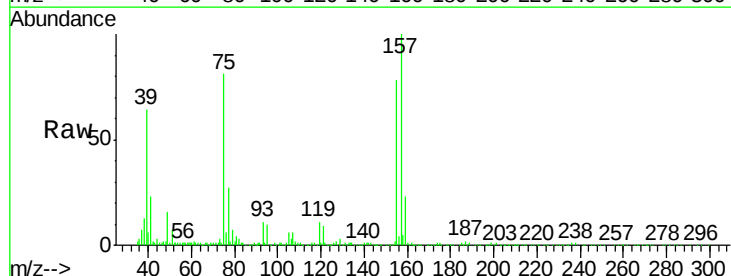
RT: 12.99 min Scan# 1986

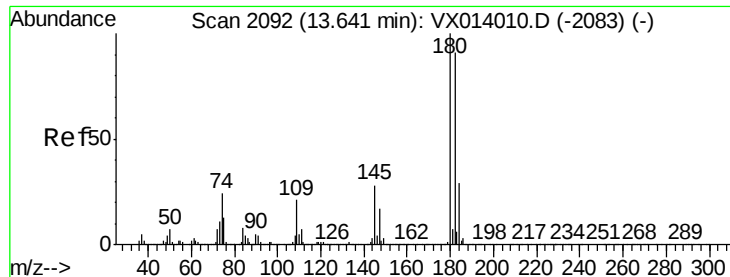
Delta R.T. -0.00 min

Lab File: VX014166.D

Acq: 20 Dec 2019 12:10

Tgt Ion:	75	Resp:	32466
Ion	Ratio	Lower	Upper
75	100		
155	96.3	46.9	140.6
157	121.4	60.8	182.4

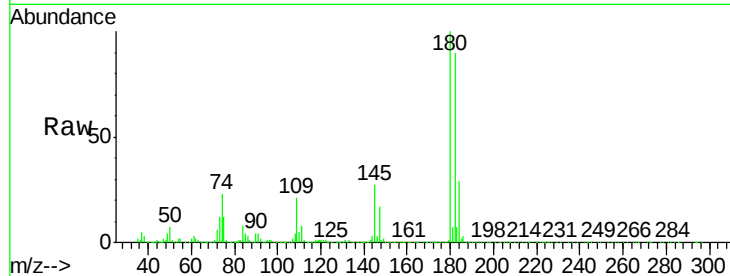




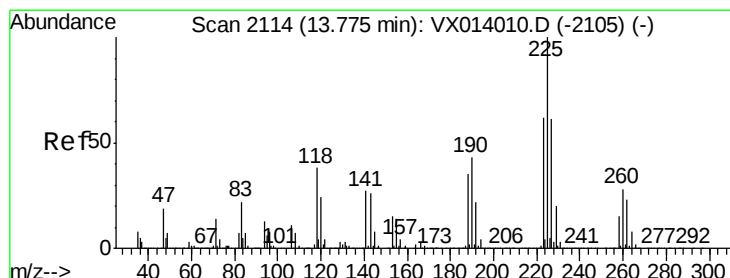
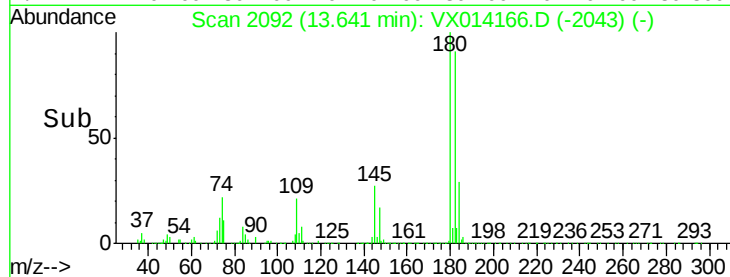
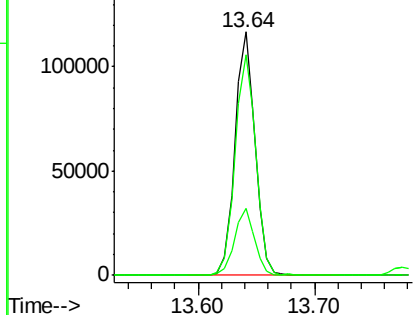
#93
 1,2,4-Trichlorobenzene
 Concen: 18.558 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.6	139.8
145	27.3	14.2	42.6

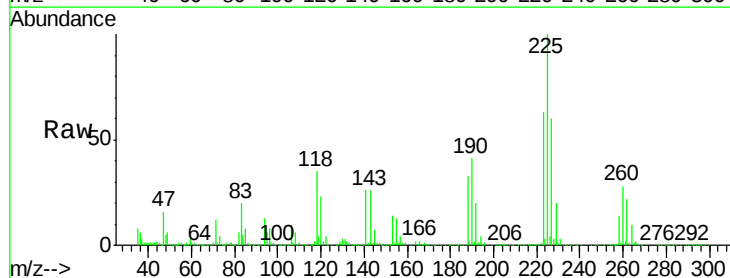


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

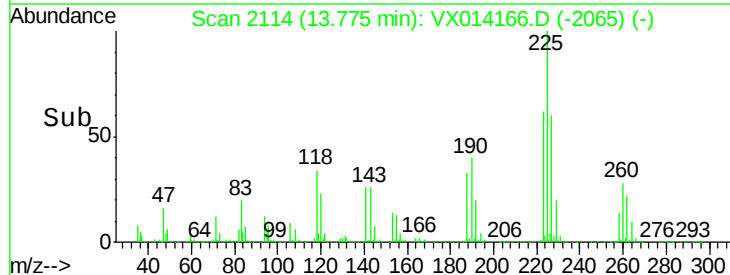
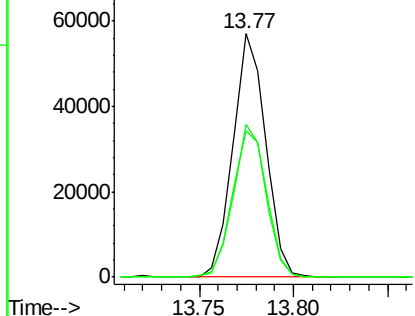


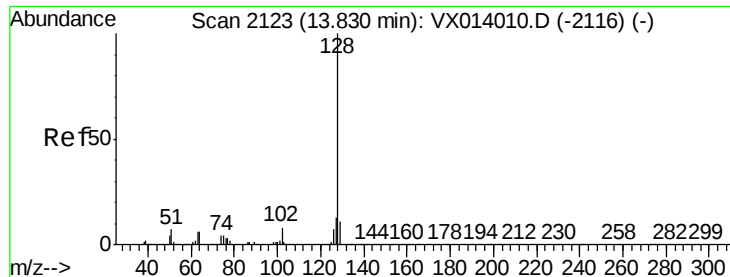
#94
 Hexachlorobutadiene
 Concen: 18.873 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014166.D
 Acq: 20 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.5
227	63.8	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

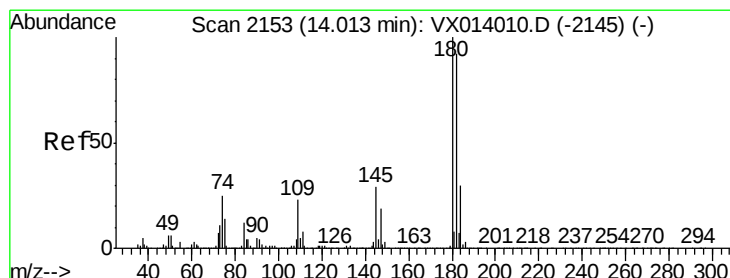
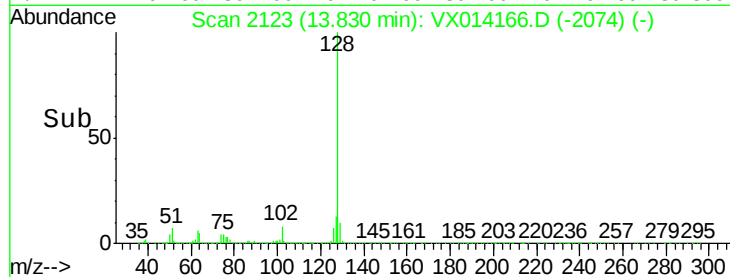
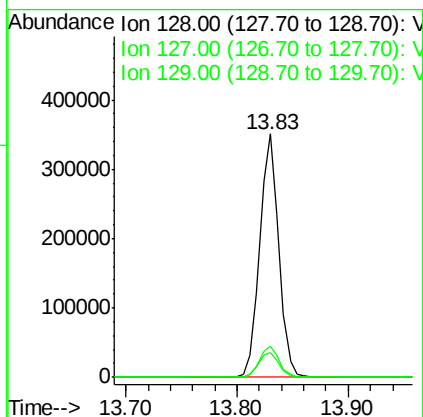
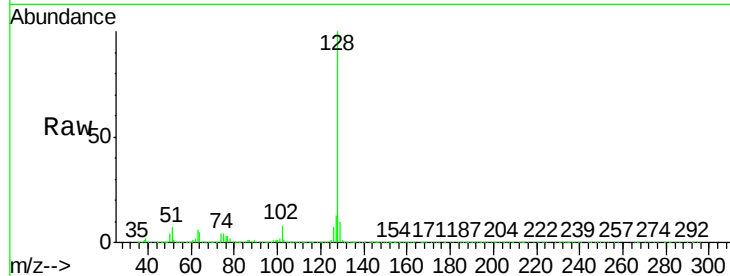




#95
Naphthalene
Concen: 19.001 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion:128 Resp: 420943
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.564 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014166.D
Acq: 20 Dec 2019 12:10

Tgt Ion:180 Resp: 138185
Ion Ratio Lower Upper
180 100
182 96.5 46.8 140.3
145 30.7 14.8 44.4

