

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
 Data File : VX014291.D
 Acq On : 27 Dec 2019 00:52
 Operator : JC/SP
 Sample : VX1226WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Quant Time: Dec 27 06:08:44 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	477044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	752644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	666081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325153	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	279909	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	229565	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	8.71	98	893135	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	305873	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	74327	17.416	ug/l	99
3) Chloromethane	1.32	50	105189	18.366	ug/l	100
4) Vinyl Chloride	1.40	62	111158	18.393	ug/l	98
5) Bromomethane	1.63	94	71416	16.650	ug/l	97
6) Chloroethane	1.72	64	70579	18.922	ug/l	93
7) Trichlorofluoromethane	1.92	101	141298	18.887	ug/l	100
8) Diethyl Ether	2.18	74	69731	19.860	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85646	18.992	ug/l	100
10) Methyl Iodide	2.50	142	98619	18.334	ug/l	100
11) Tert butyl alcohol	3.03	59	123872	106.032	ug/l	99
12) 1,1-Dichloroethene	2.37	96	87714	19.115	ug/l	92
13) Acrolein	2.28	56	58170	86.984	ug/l	99
14) Allyl chloride	2.72	41	158149	19.302	ug/l	98
15) Acrylonitrile	3.13	53	294823	108.121	ug/l	98
16) Acetone	2.43	43	254299	72.449	ug/l	99
17) Carbon Disulfide	2.56	76	216552	17.494	ug/l	99
18) Methyl Acetate	2.76	43	152261	21.891	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	304419	20.188	ug/l	99
20) Methylene Chloride	2.85	84	106518	19.271	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	94474	18.687	ug/l	98
22) Diisopropyl ether	3.84	45	337616	20.678	ug/l	# 85
23) Vinyl Acetate	3.80	43	1387951	104.170	ug/l	99
24) 1,1-Dichloroethane	3.69	63	179858	19.800	ug/l	100
25) 2-Butanone	4.66	43	403070	93.142	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105266	14.925	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	110988	19.412	ug/l	99
28) Bromochloromethane	5.01	49	78373	22.684	ug/l	100
29) Tetrahydrofuran	5.12	42	262635	108.505	ug/l	100
30) Chloroform	5.20	83	172361	20.016	ug/l	99
31) Cyclohexane	5.57	56	156433	19.363	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140473	19.140	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123850	17.934	ug/l	98
37) Ethyl Acetate	4.82	43	157348	20.633	ug/l	99
38) Carbon Tetrachloride	5.78	117	117131	18.618	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150772	17.681	ug/l	98
40) Benzene	6.14	78	406166	19.115	ug/l	98
41) Methacrylonitrile	5.03	41	85033	20.096	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140964	19.571	ug/l	98
43) Isopropyl Acetate	6.44	43	252127	19.977	ug/l	99
44) Trichloroethene	7.21	130	109398	18.640	ug/l	96
45) 1,2-Dichloropropane	7.51	63	109296	20.068	ug/l	97
46) Dibromomethane	7.65	93	67683	18.797	ug/l	99
47) Bromodichloromethane	7.89	83	127988	18.873	ug/l	97
48) Methyl methacrylate	7.76	41	122529	19.827	ug/l	98
49) 1,4-Dioxane	7.73	88	51861	412.361	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	810232	102.223	ug/l	98
52) Toluene	8.78	92	251135	18.699	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133888	18.005	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152742	18.438	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103067	19.147	ug/l	98
56) Ethyl methacrylate	9.17	69	162557	19.225	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177951	19.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	322201	100.691	ug/l	100
59) 2-Hexanone	9.48	43	610780	95.726	ug/l	98
60) Dibromochloromethane	9.57	129	102442	19.146	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107236	19.471	ug/l	98
64) Tetrachloroethene	9.33	164	115356	19.572	ug/l	97
65) Chlorobenzene	10.14	112	266560	18.822	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	98437	19.466	ug/l	99
67) Ethyl Benzene	10.25	91	465684	19.126	ug/l	100
68) m/p-Xylenes	10.36	106	355617	37.974	ug/l	99
69) o-Xylene	10.70	106	176020	19.165	ug/l	98
70) Styrene	10.71	104	292293	18.820	ug/l	98
71) Bromoform	10.86	173	75303	18.525	ug/l	100
73) Isopropylbenzene	11.01	105	459302	20.063	ug/l	99
74) N-amyl acetate	10.89	43	206344	19.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159586	20.107	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172663	24.460	ug/l	88
77) Bromobenzene	11.25	156	119956	19.044	ug/l	99
78) n-propylbenzene	11.35	91	508265	19.793	ug/l	100
79) 2-Chlorotoluene	11.42	91	308030	19.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	381746	19.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42686	17.068	ug/l	93
82) 4-Chlorotoluene	11.51	91	350618	19.364	ug/l	98
83) tert-Butylbenzene	11.76	119	357291	19.055	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380963	19.744	ug/l	100
85) sec-Butylbenzene	11.94	105	435305	19.666	ug/l	100
86) p-Isopropyltoluene	12.06	119	396598	19.587	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207178	18.767	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	208573	18.581	ug/l	99
89) n-Butylbenzene	12.39	91	318126	18.414	ug/l	100
90) Hexachloroethane	12.59	117	66256	18.218	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	208783	18.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32817	18.684	ug/l	99

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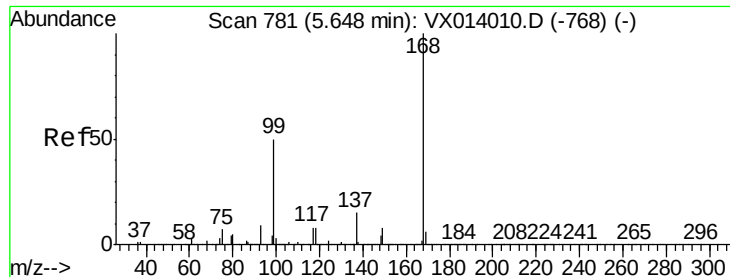
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.64	180	130932	18.127	ug/l	98
94) Hexachlorobutadiene	13.78	225	63100	18.178	ug/l	97
95) Naphthalene	13.83	128	409802	19.311	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134947	18.927	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

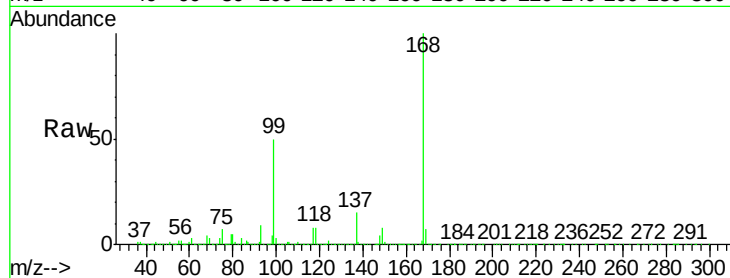
VX1226WBSD02

Tgt Ion:168 Resp: 477044

Ion Ratio Lower Upper

168 100

99 50.3 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

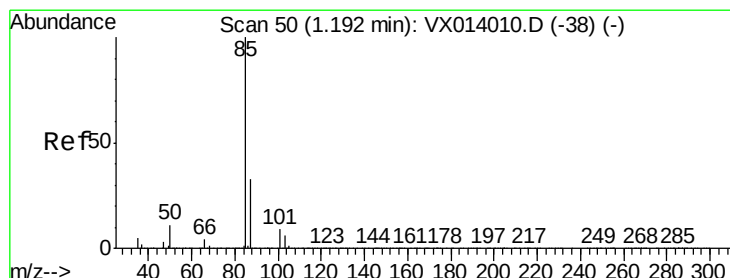
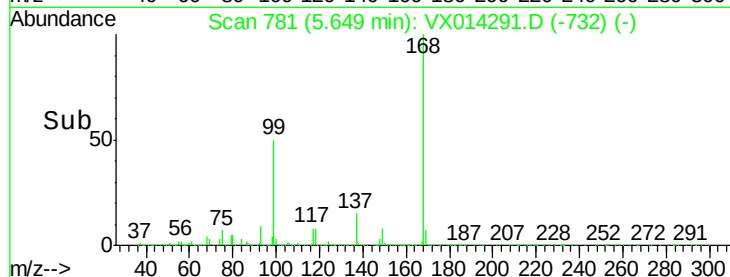
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.416 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014291.D

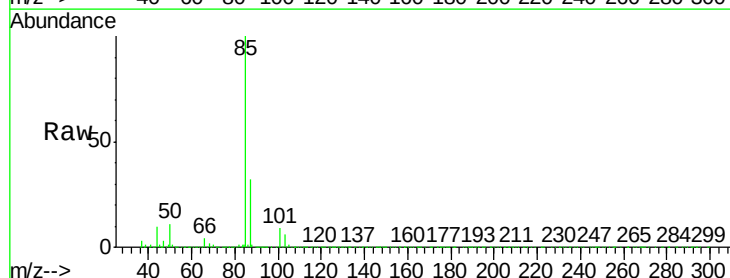
Acq: 27 Dec 2019 00:52

Tgt Ion: 85 Resp: 74327

Ion Ratio Lower Upper

85 100

87 32.1 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

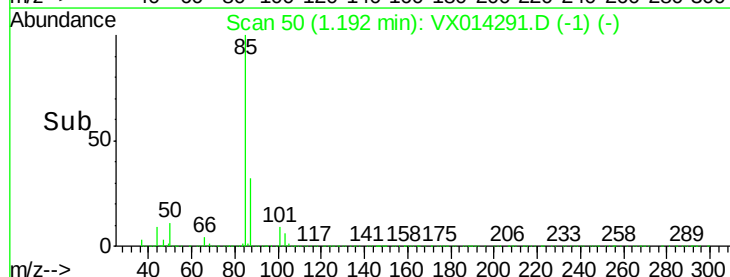
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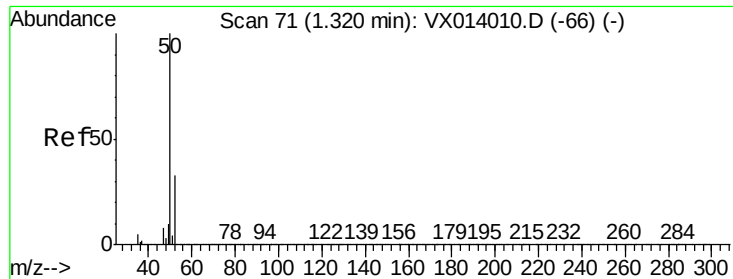
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20000

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Time-->





#3

Chloromethane

Concen: 18.366 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

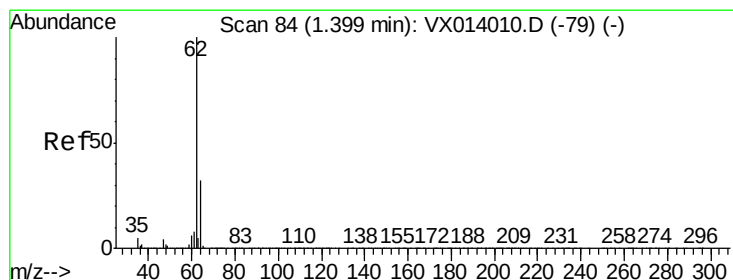
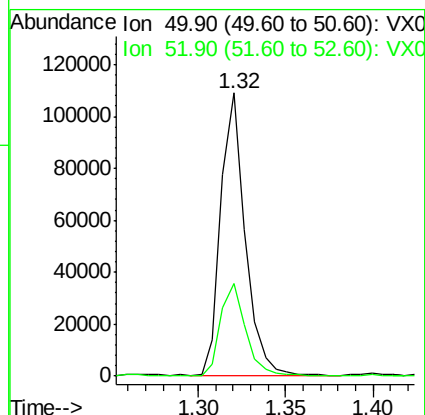
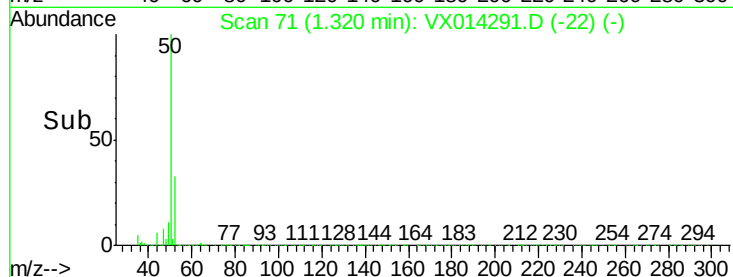
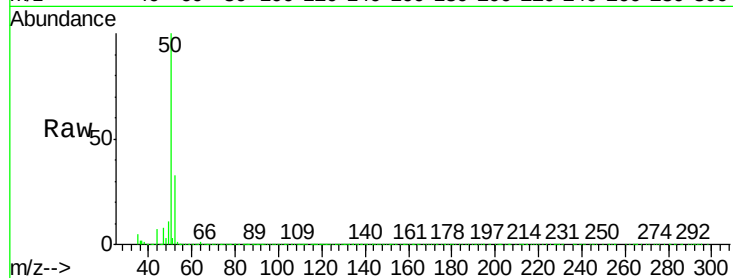
VX1226WBSD02

Tgt Ion: 50 Resp: 105189

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 18.393 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014291.D

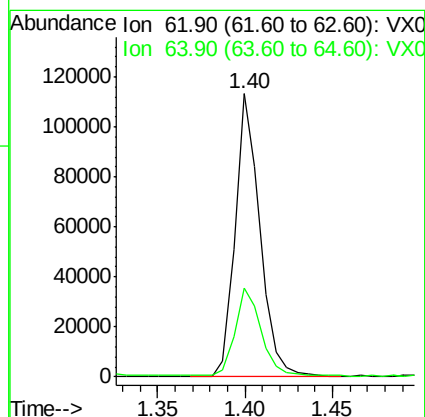
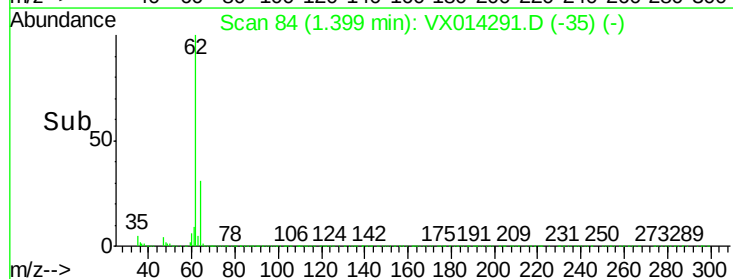
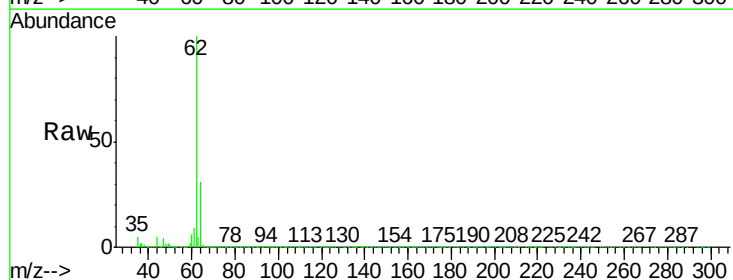
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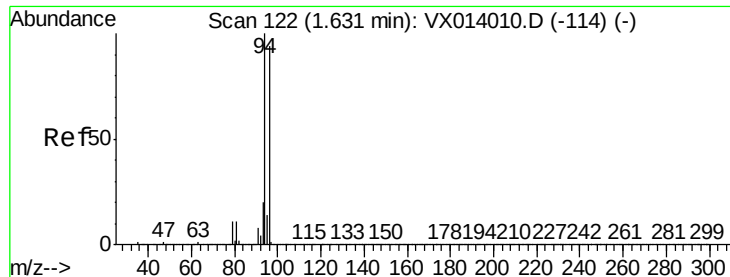
Tgt Ion: 62 Resp: 111158

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 16.650 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

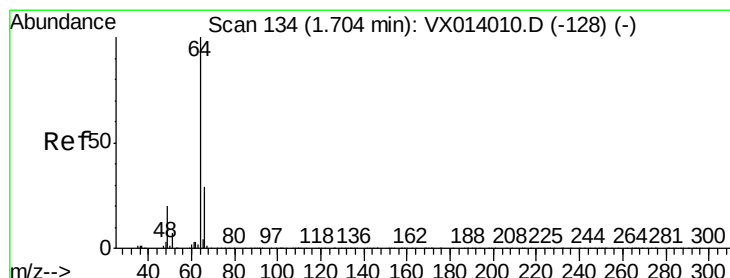
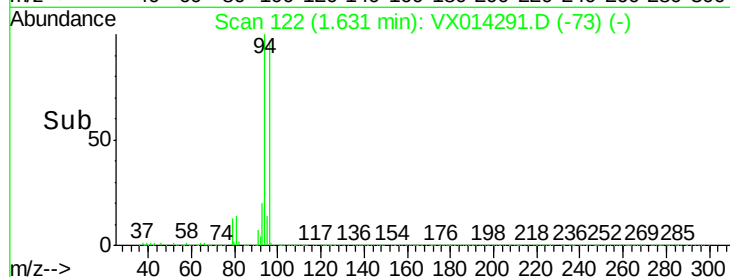
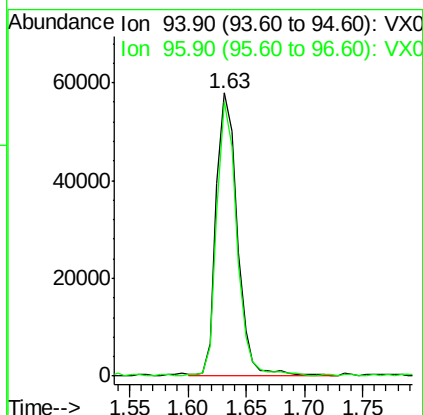
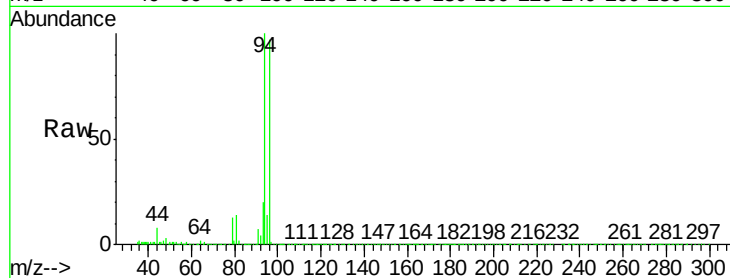
VX1226WBSD02

Tgt Ion: 94 Resp: 71416

Ion Ratio Lower Upper

94 100

96 96.9 75.2 112.8



#6

Chloroethane

Concen: 18.922 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014291.D

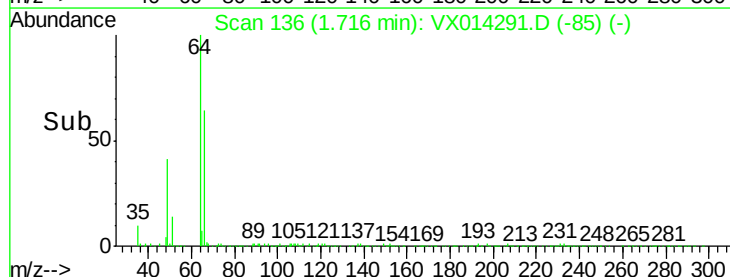
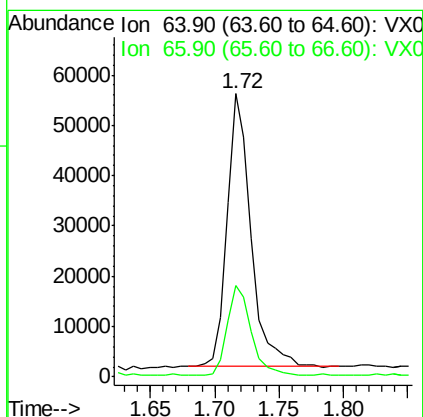
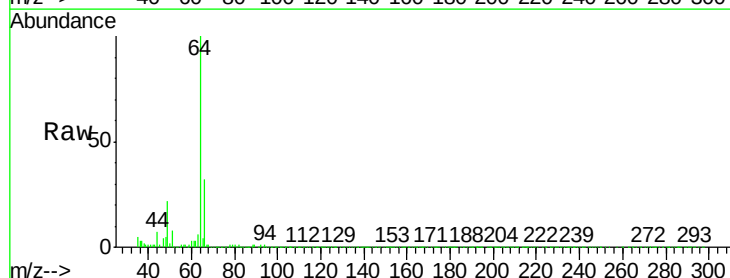
Acq: 27 Dec 2019 00:52

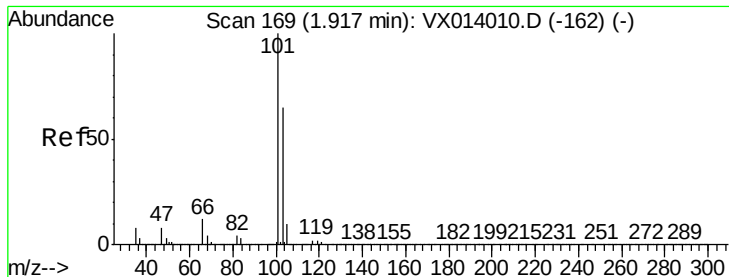
Tgt Ion: 64 Resp: 70579

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.2



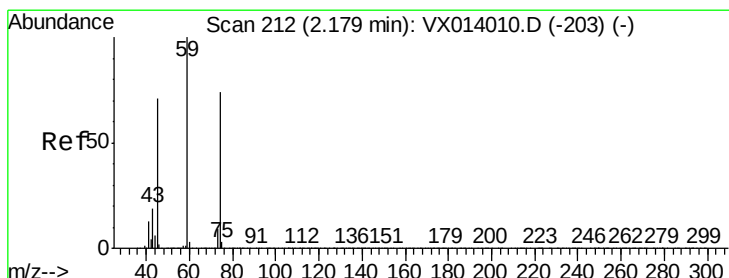
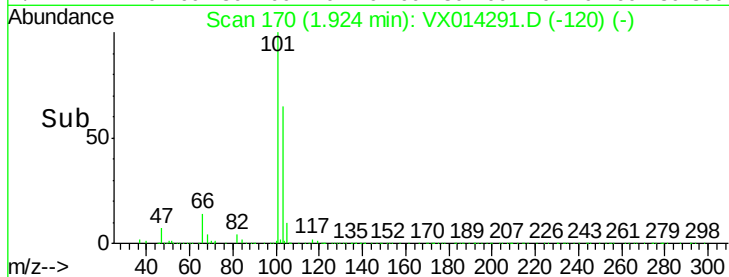
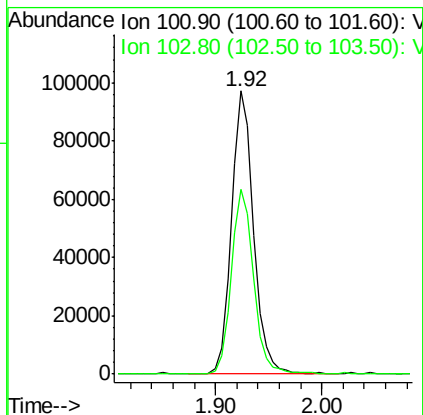
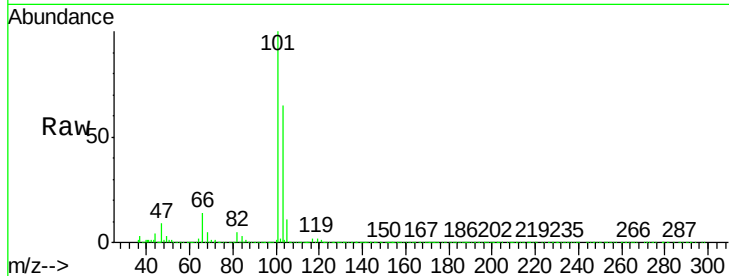


#7

Trichlorofluoromethane
Concen: 18.887 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014291.D
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MSVOA_X
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VX1226WBSD02

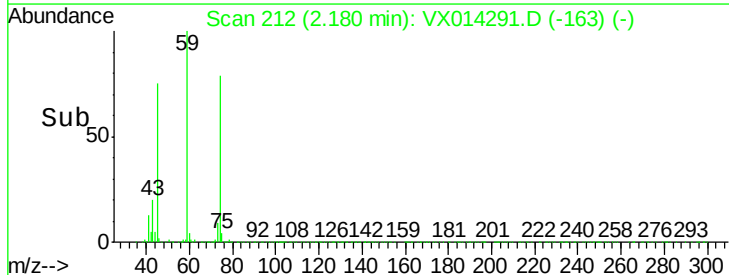
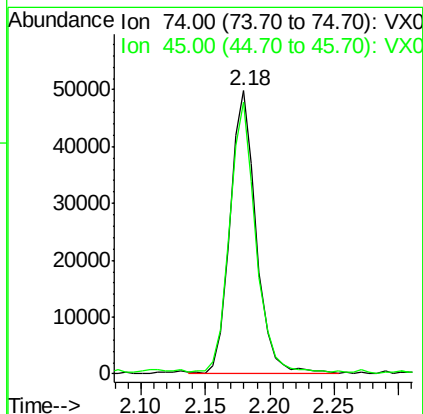
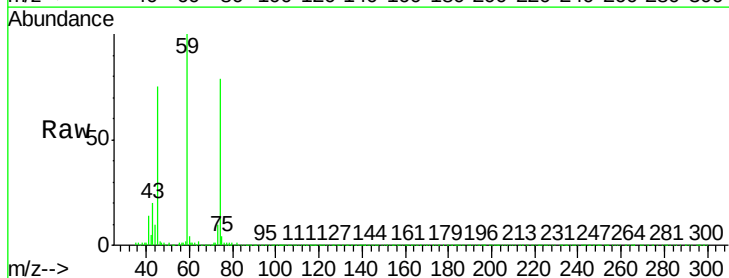
Tgt Ion:101 Resp: 141298
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

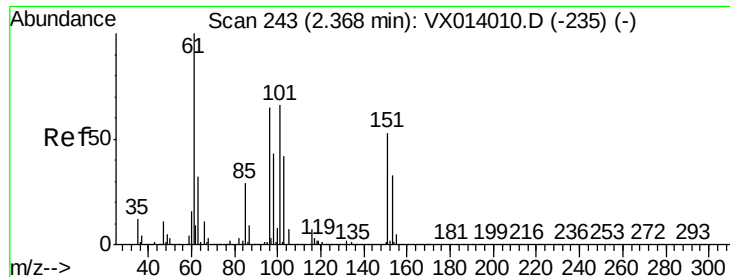


#8

Diethyl Ether
Concen: 19.860 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 74 Resp: 69731
Ion Ratio Lower Upper
74 100
45 96.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.992 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

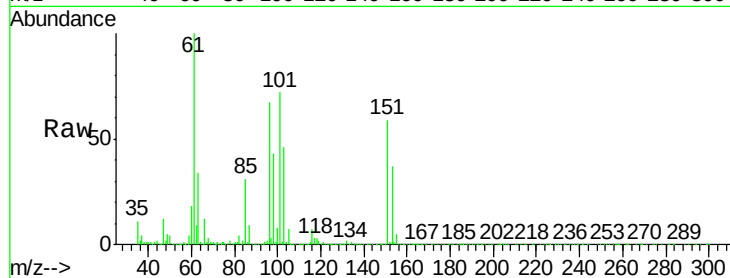
Tgt Ion:101 Resp: 85646

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

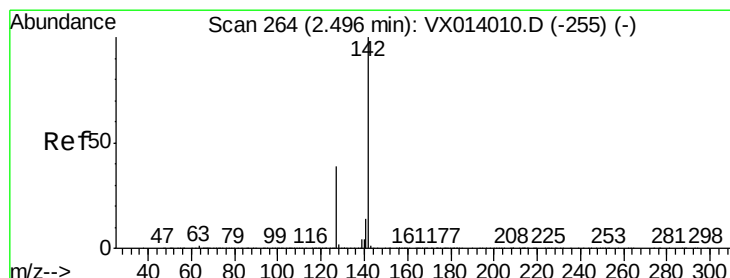
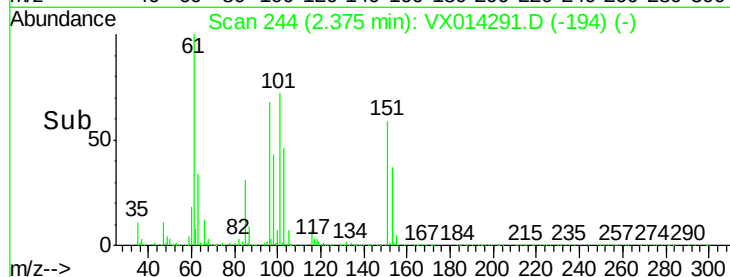
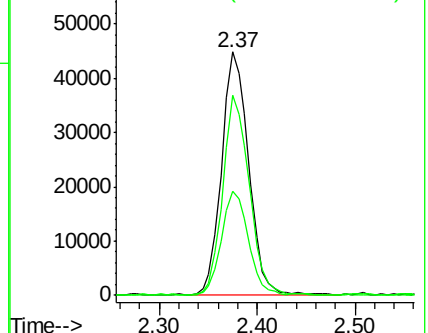
151 80.2 64.5 96.7



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: 18.334 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

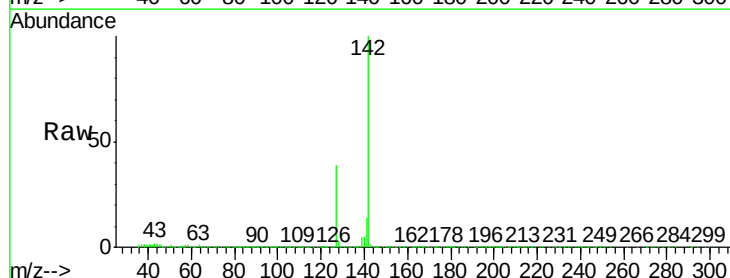
Tgt Ion:142 Resp: 98619

Ion Ratio Lower Upper

142 100

127 39.5 31.6 47.4

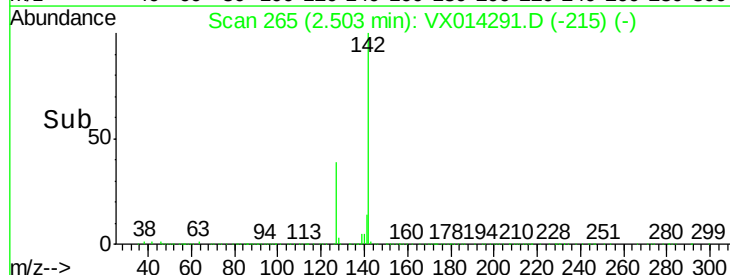
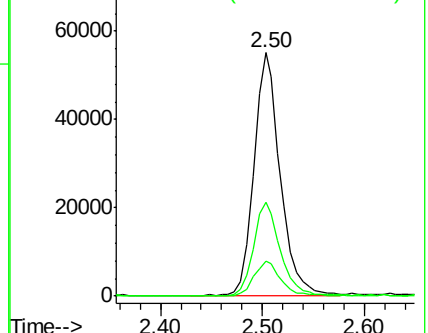
141 15.0 11.6 17.4

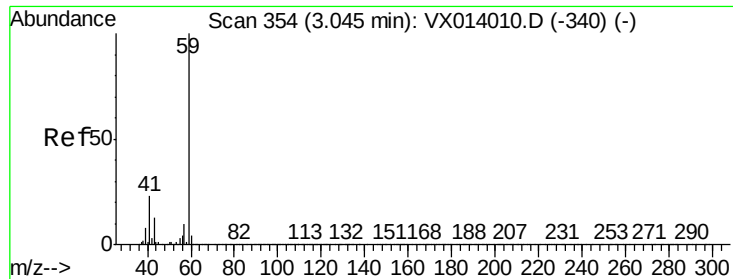


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

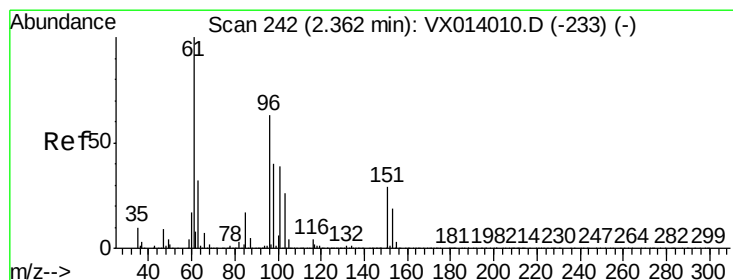
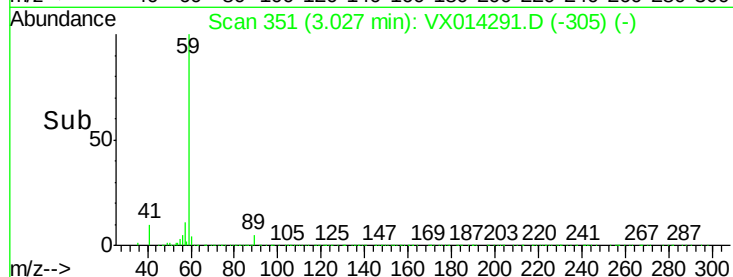
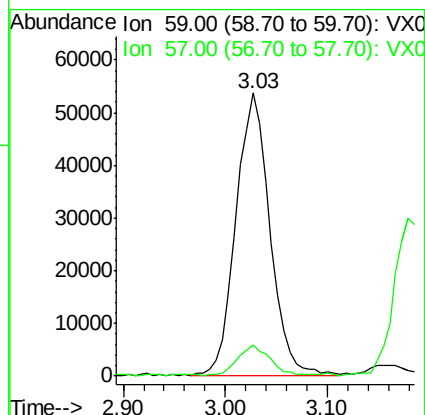
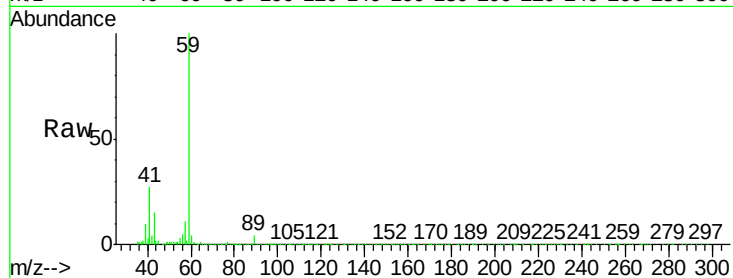




#11
Tert butyl alcohol
Concen: 106.032 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

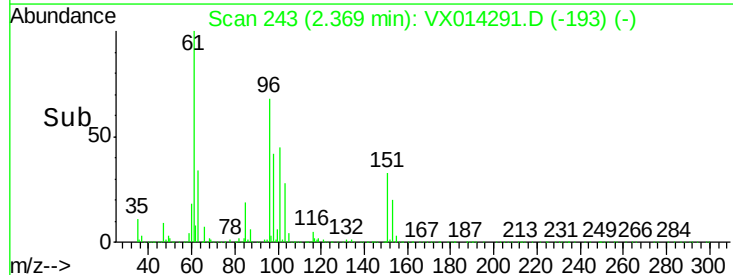
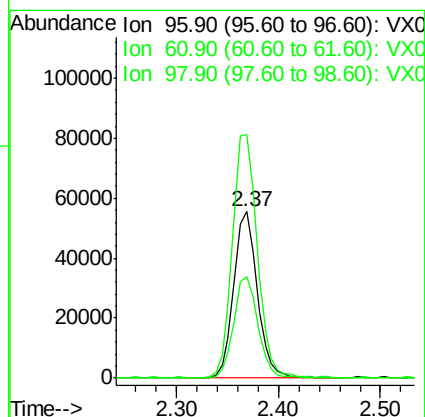
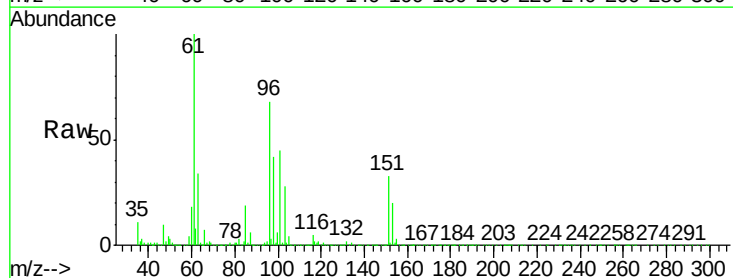
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

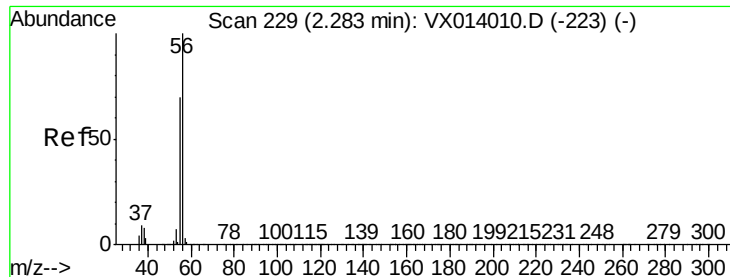
Tgt Ion: 59 Resp: 123872
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.115 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 96 Resp: 87714
Ion Ratio Lower Upper
96 100
61 146.2 127.9 191.9
98 61.0 50.5 75.7





#13

Acrolein

Concen: 86.984 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

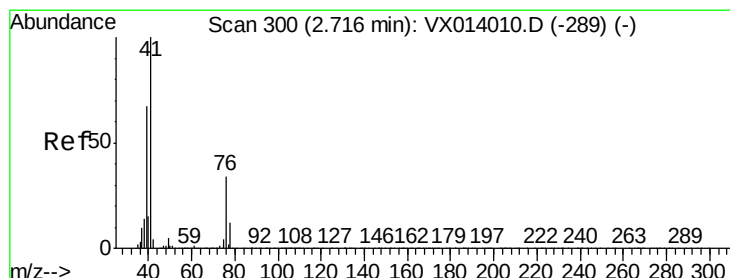
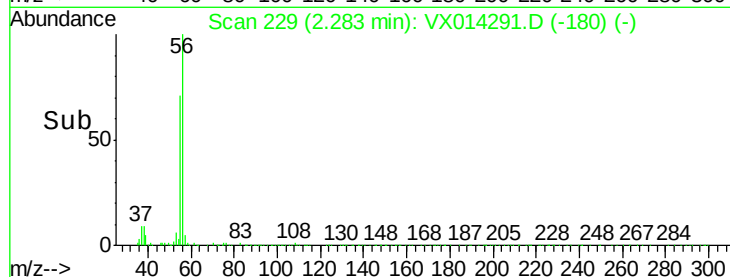
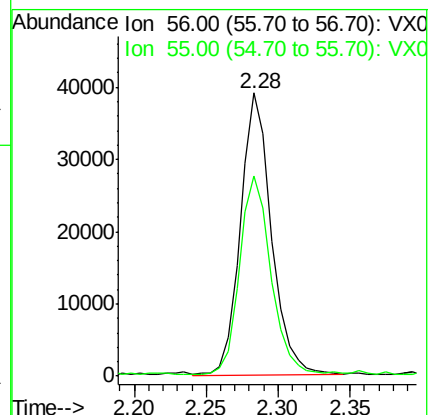
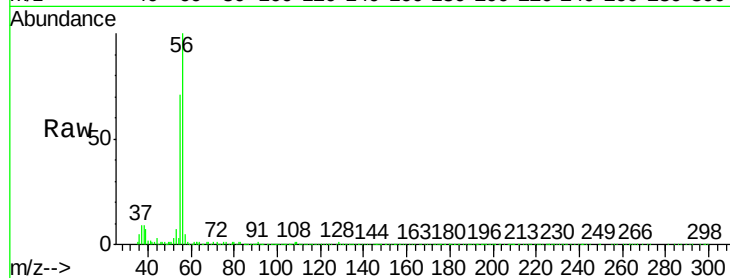
VX1226WBSD02

Tgt Ion: 56 Resp: 58170

Ion Ratio Lower Upper

56 100

55 71.8 56.9 85.3



#14

Allyl chloride

Concen: 19.302 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

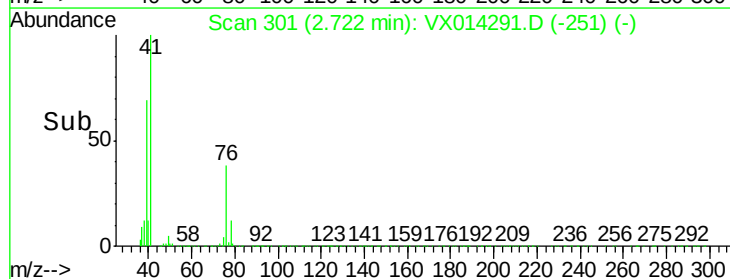
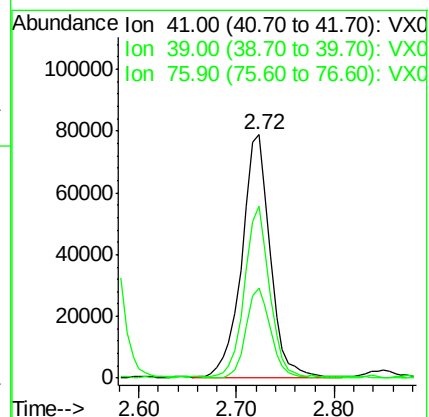
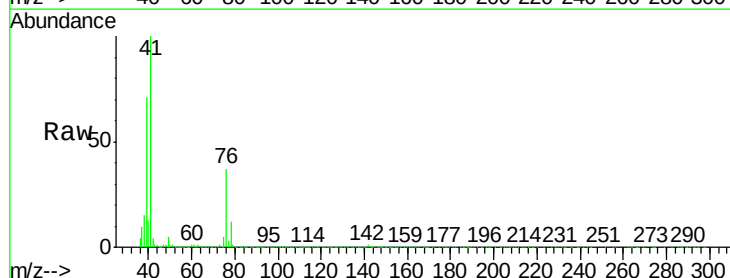
Tgt Ion: 41 Resp: 158149

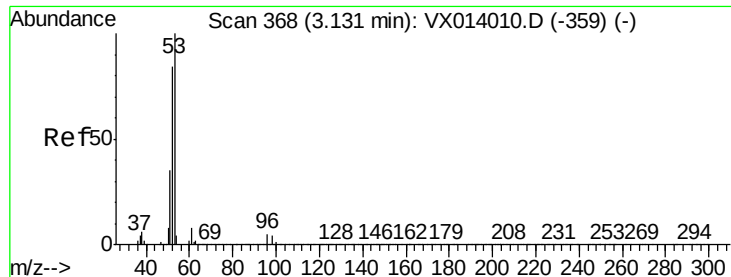
Ion Ratio Lower Upper

41 100

39 62.2 51.8 77.8

76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 108.121 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

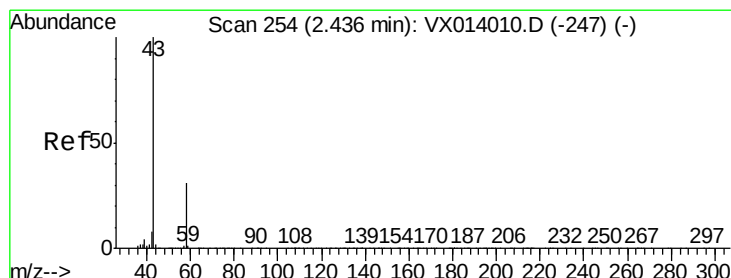
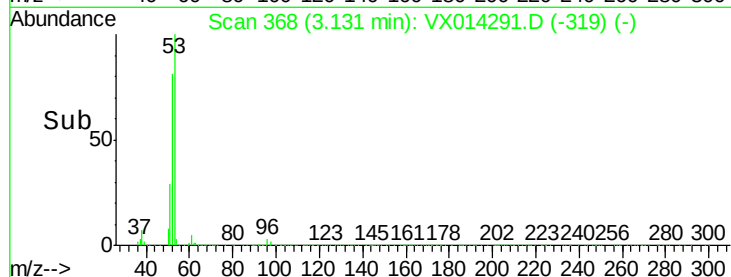
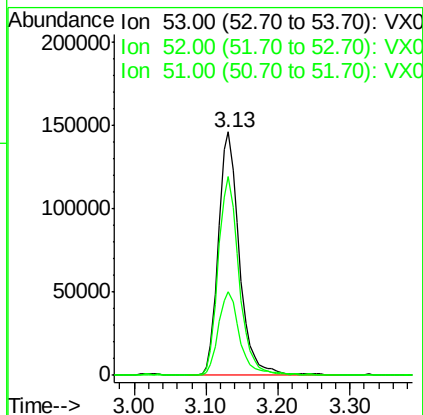
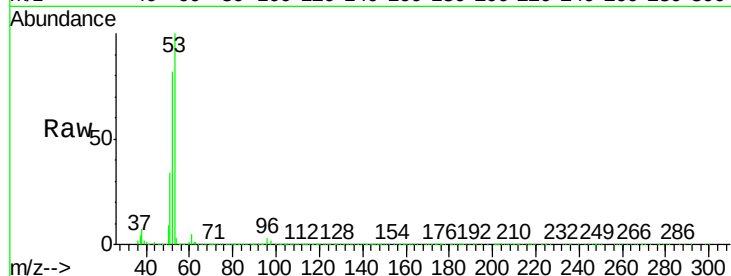
Tgt Ion: 53 Resp: 294823

Ion Ratio Lower Upper

53 100

52 80.8 66.5 99.7

51 34.8 28.1 42.1



#16

Acetone

Concen: 72.449 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014291.D

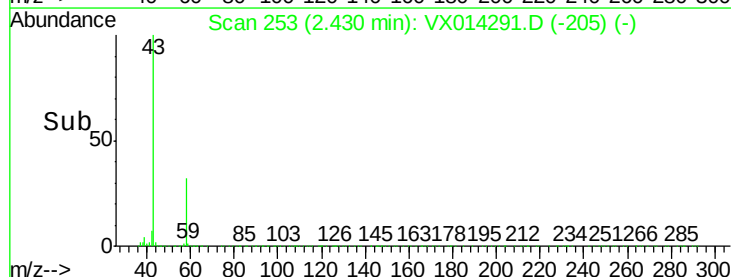
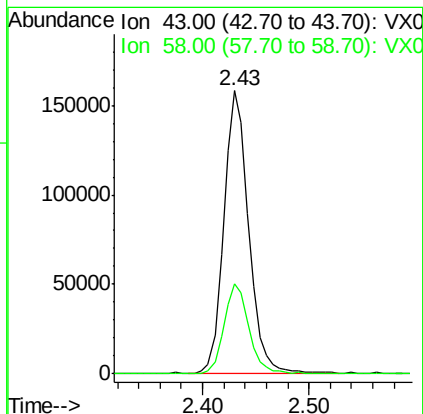
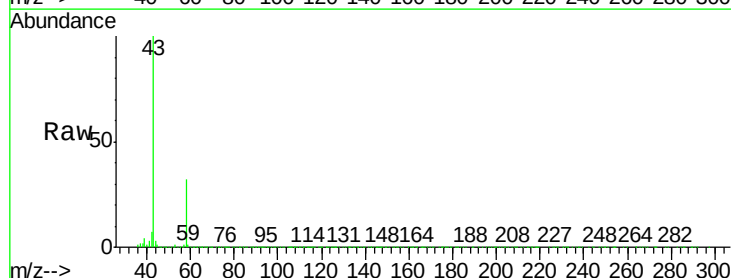
Acq: 27 Dec 2019 00:52

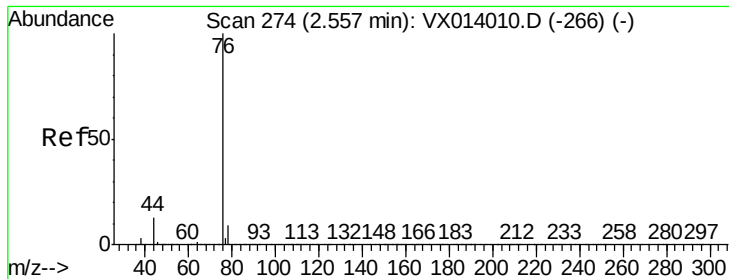
Tgt Ion: 43 Resp: 254299

Ion Ratio Lower Upper

43 100

58 31.8 24.9 37.3





#17

Carbon Disulfide

Concen: 17.494 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

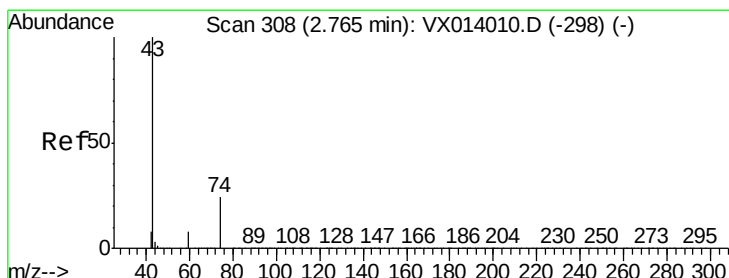
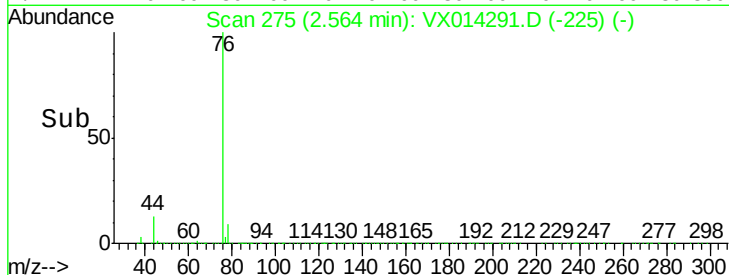
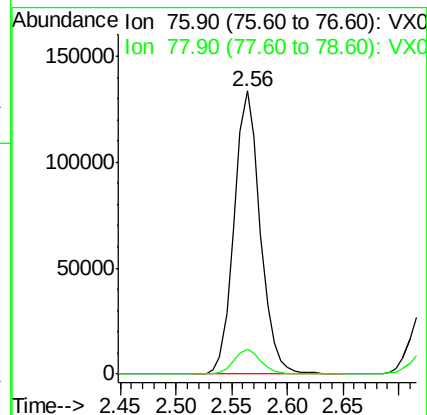
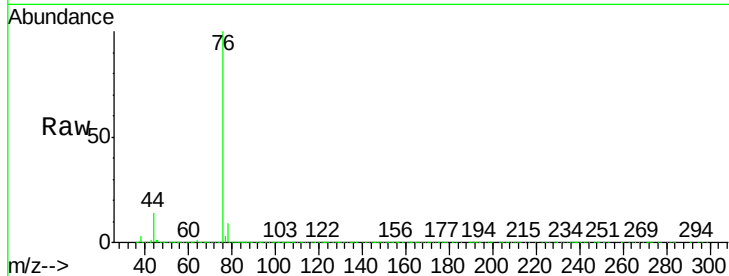
VX1226WBSD02

Tgt Ion: 76 Resp: 216552

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 21.891 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014291.D

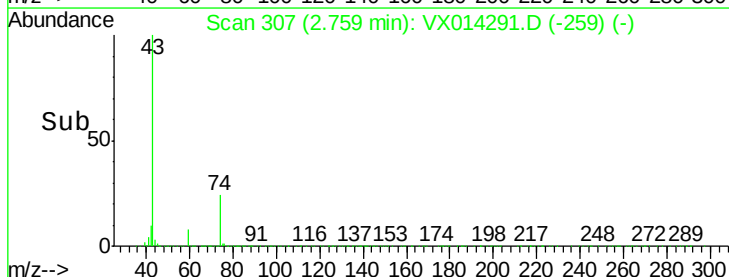
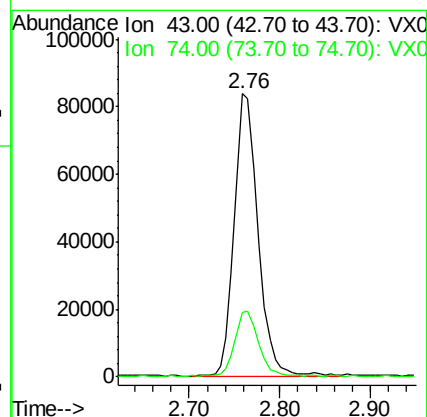
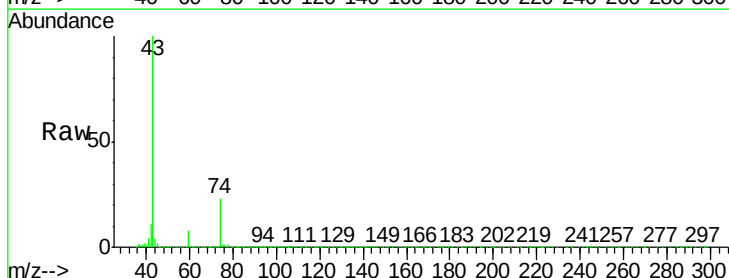
Acq: 27 Dec 2019 00:52

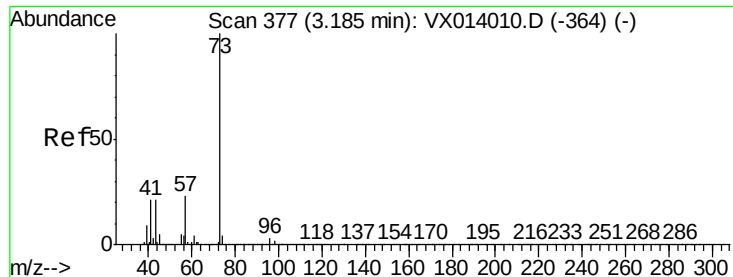
Tgt Ion: 43 Resp: 152261

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



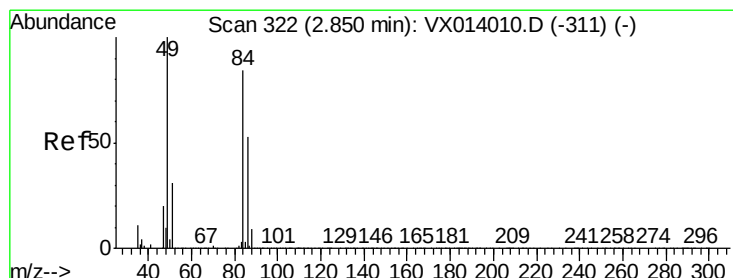
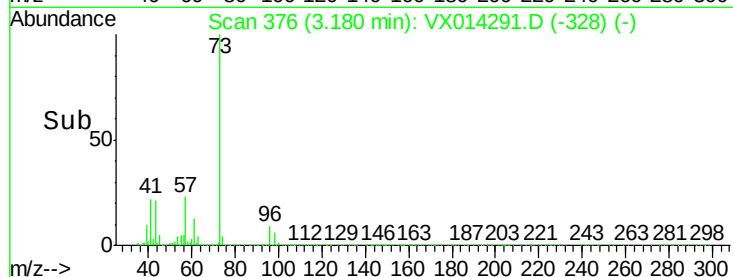
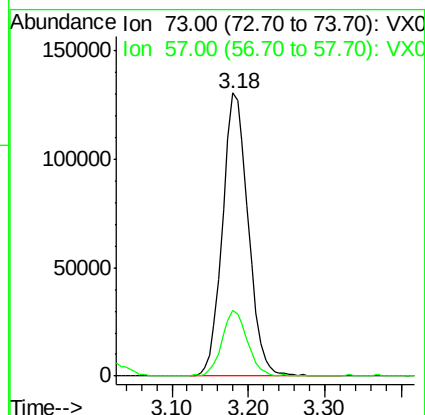
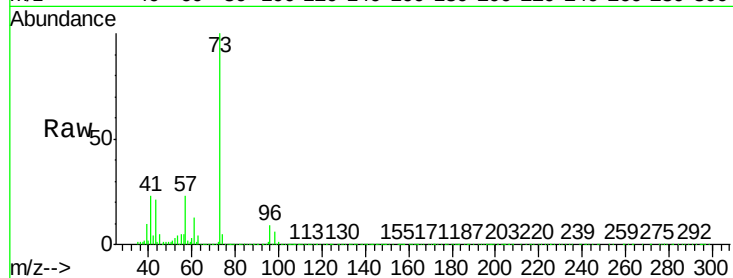


#19

Methyl tert-butyl Ether
Concen: 20.188 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

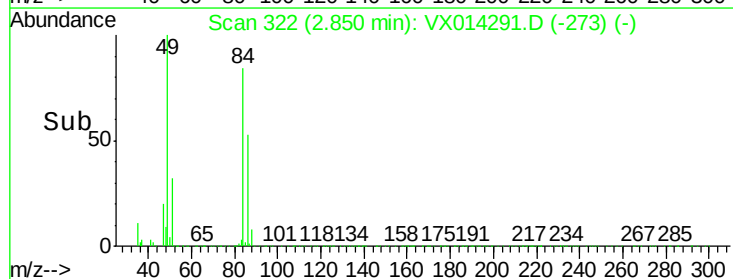
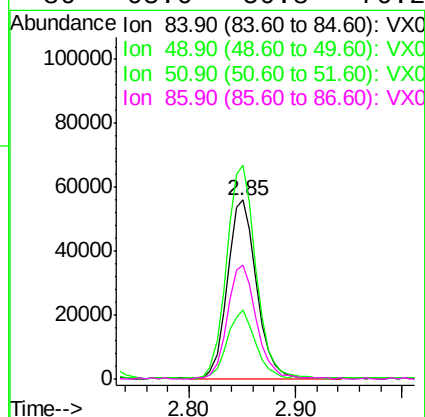
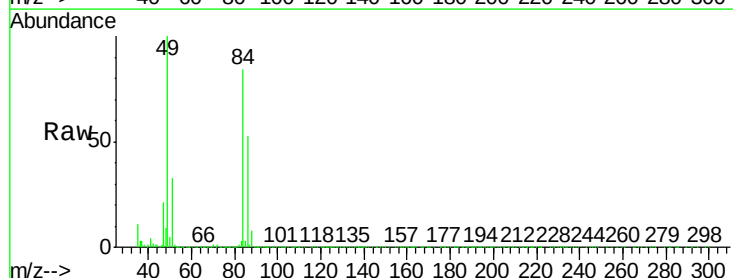
Tgt Ion: 73 Resp: 304419
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2

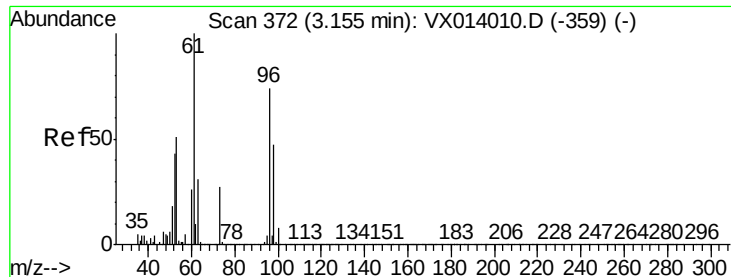


#20

Methylene Chloride
Concen: 19.271 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 84 Resp: 106518
Ion Ratio Lower Upper
84 100
49 119.7 95.8 143.6
51 38.7 29.8 44.8
86 63.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.687 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

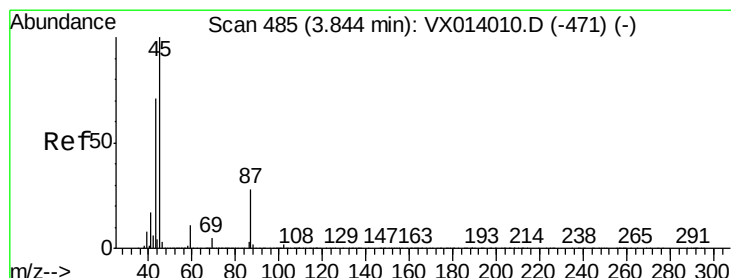
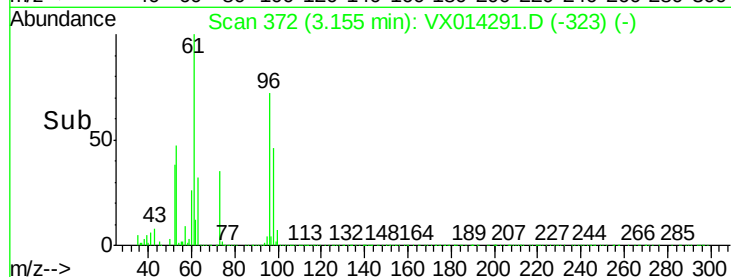
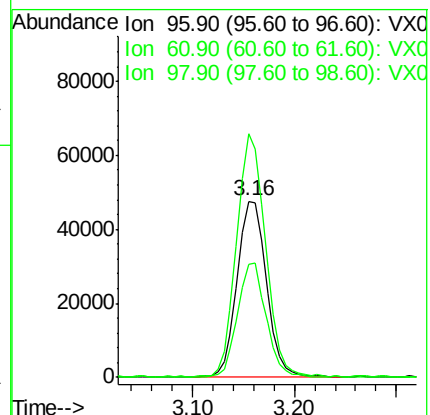
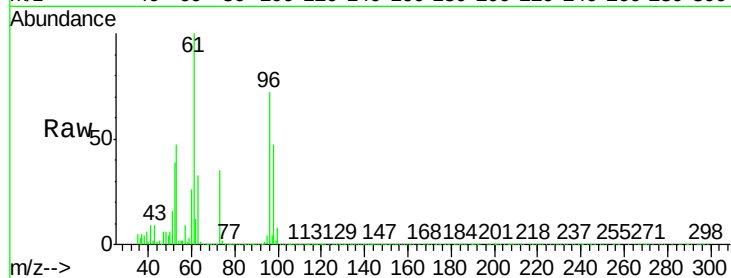
Tgt Ion: 96 Resp: 94474

Ion Ratio Lower Upper

96 100

61 138.1 108.3 162.5

98 64.2 50.8 76.2



#22

Diisopropyl ether

Concen: 20.678 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Tgt Ion: 45 Resp: 337616

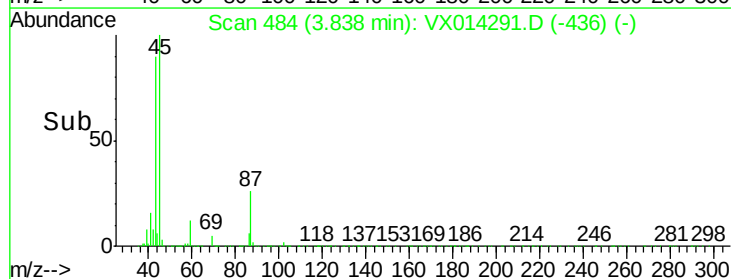
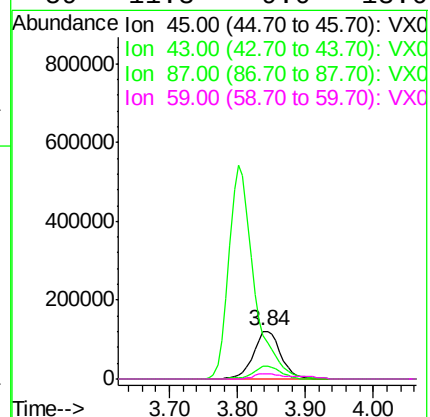
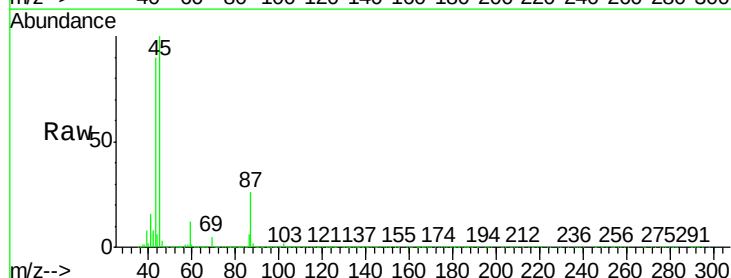
Ion Ratio Lower Upper

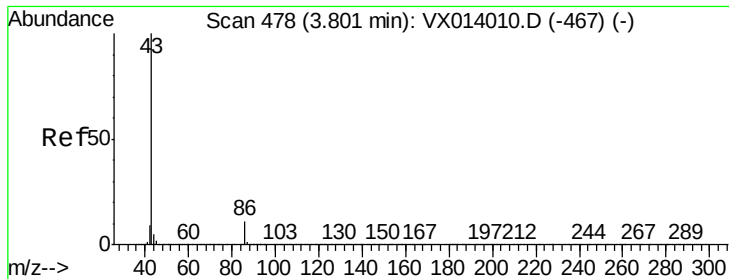
45 100

43 90.1 57.4 86.0#

87 26.0 21.9 32.9

59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 104.170 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

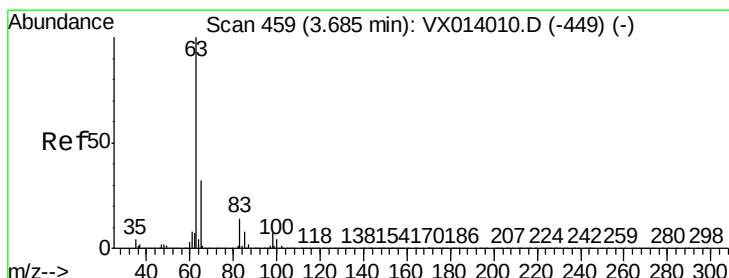
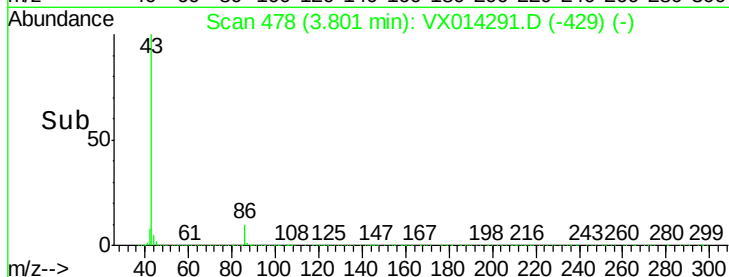
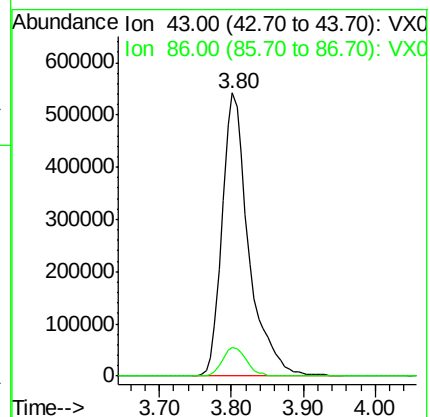
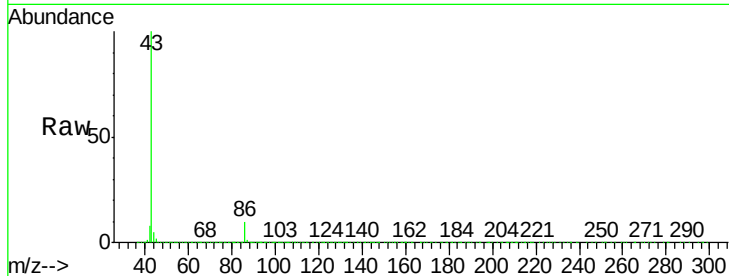
VX1226WBSD02

Tgt Ion: 43 Resp: 1387951

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.800 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

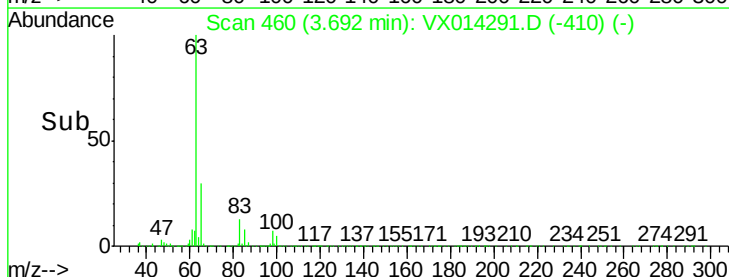
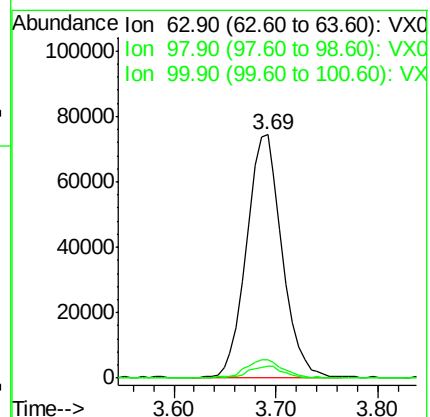
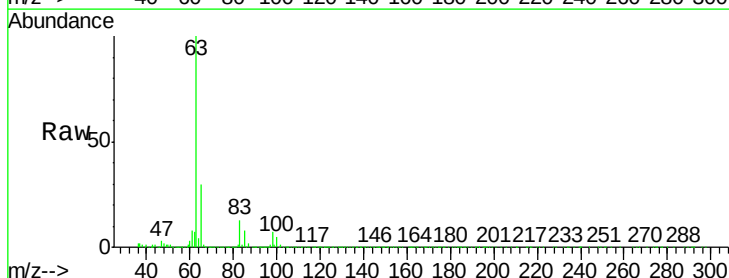
Tgt Ion: 63 Resp: 179858

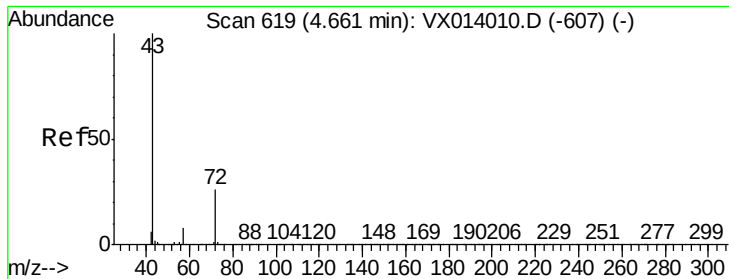
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 93.142 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

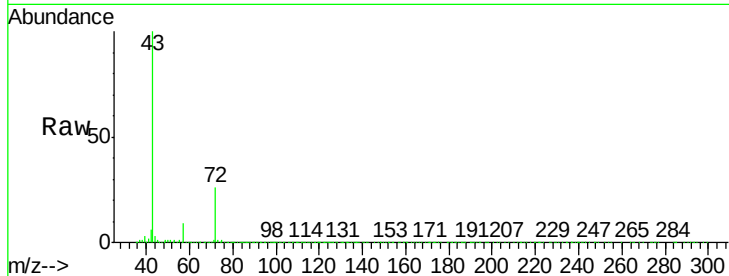
VX1226WBSD02

Tgt Ion: 43 Resp: 403070

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

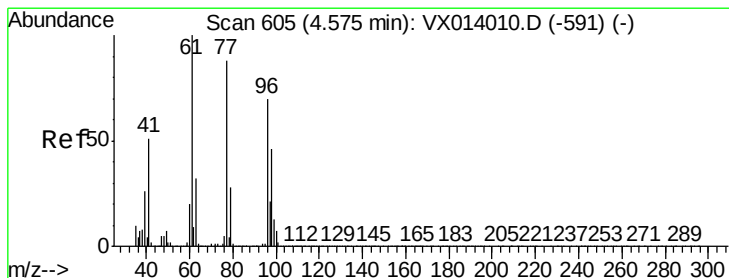
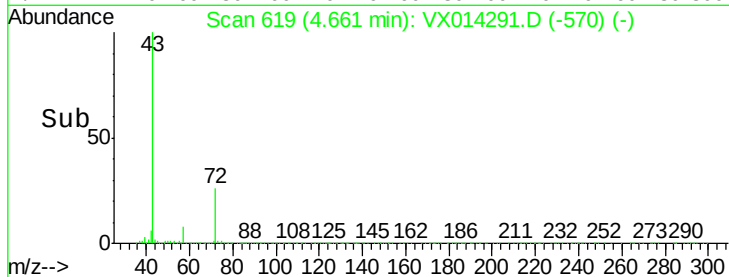
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 14.925 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014291.D

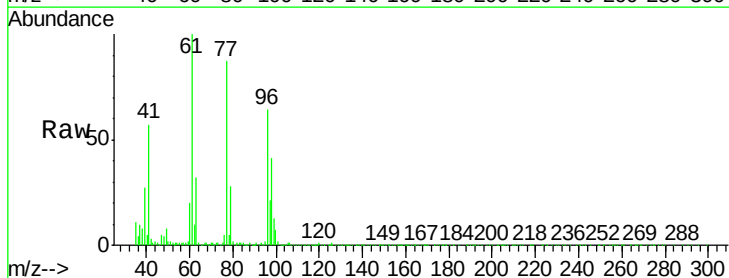
Acq: 27 Dec 2019 00:52

Tgt Ion: 77 Resp: 105266

Ion Ratio Lower Upper

77 100

97 25.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

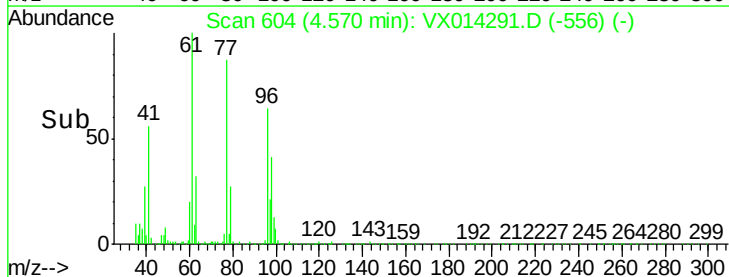
20000

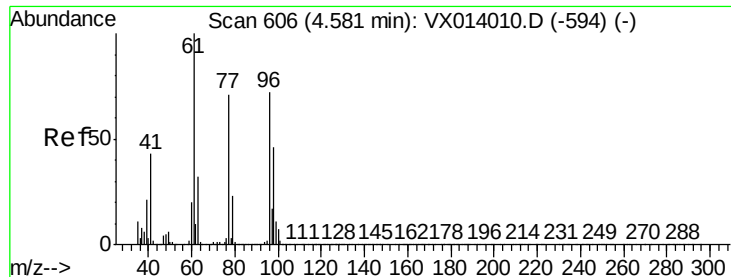
10000

0

4.40 4.50 4.60 4.70

Time-->



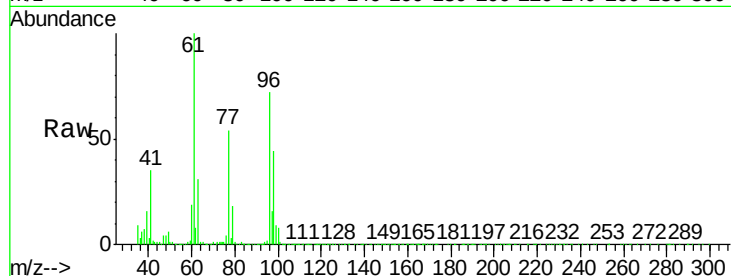


#27

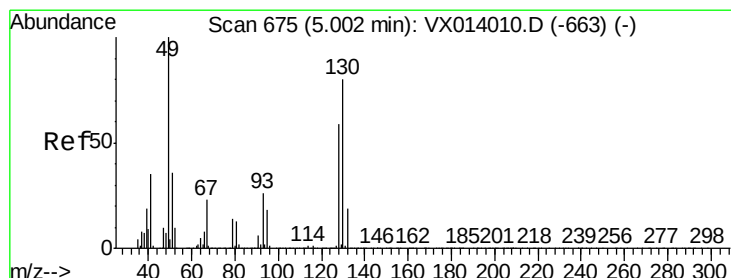
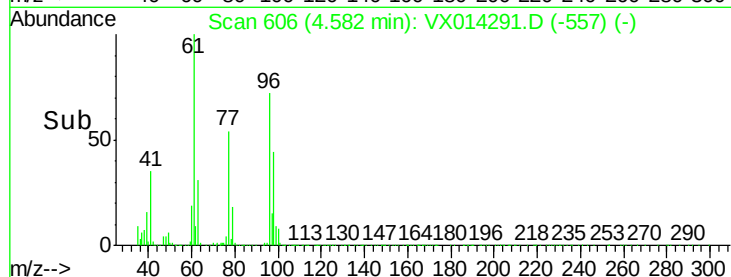
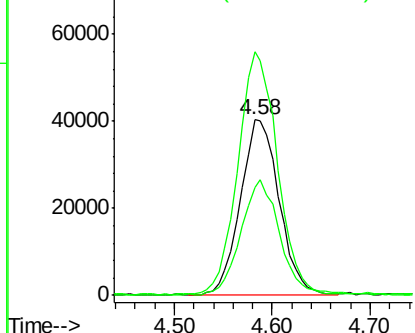
cis-1,2-Dichloroethene
Concen: 19.412 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tgt Ion: 96 Resp: 110988
Ion Ratio Lower Upper
96 100
61 143.1 0.0 288.4
98 65.2 0.0 129.6



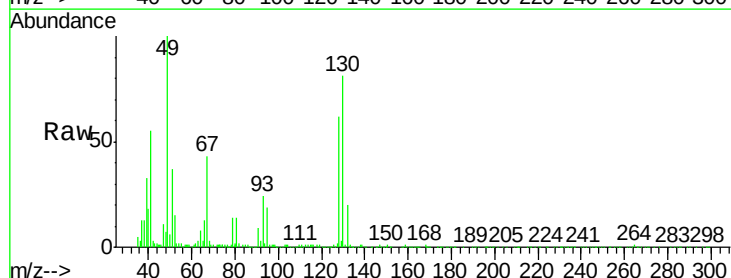
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



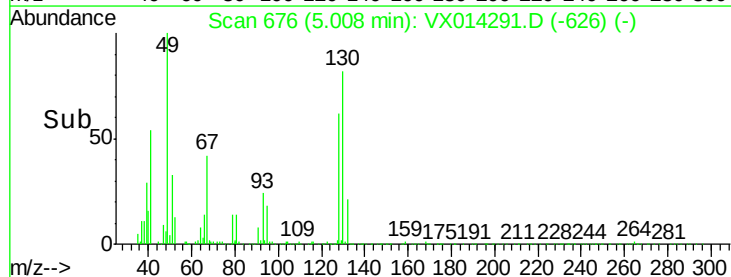
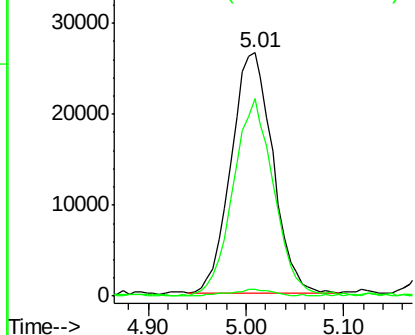
#28

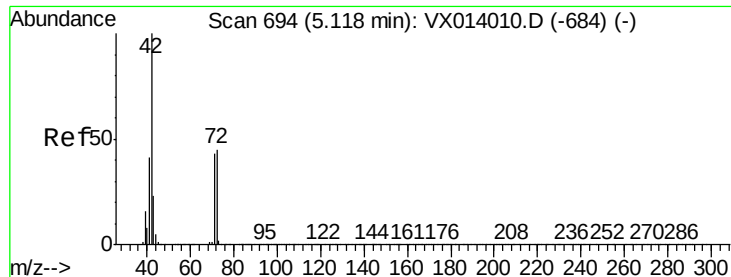
Bromochloromethane
Concen: 22.684 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 49 Resp: 78373
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 80.6 64.6 97.0



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





#29

Tetrahydrofuran

Concen: 108.505 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

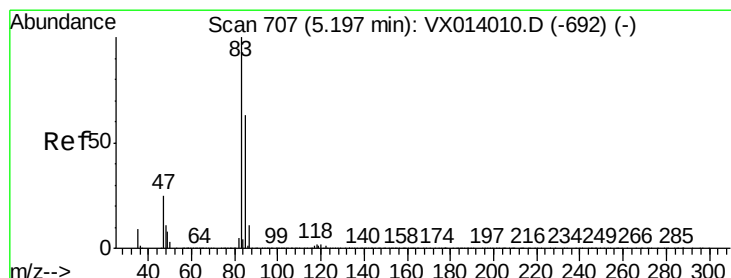
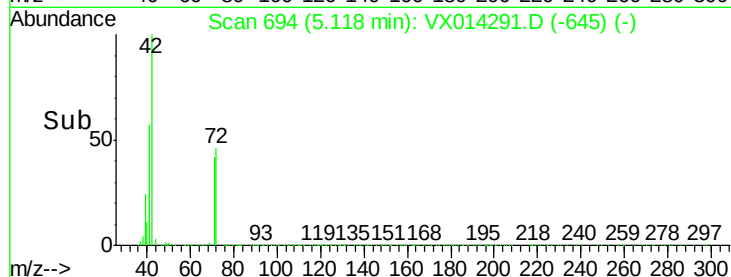
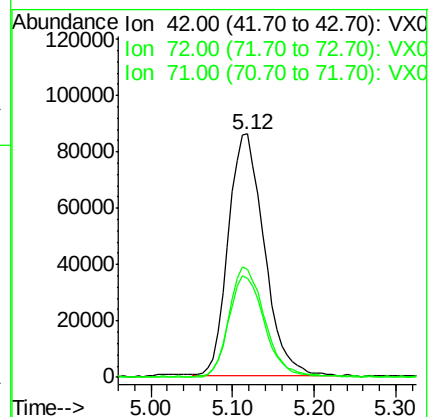
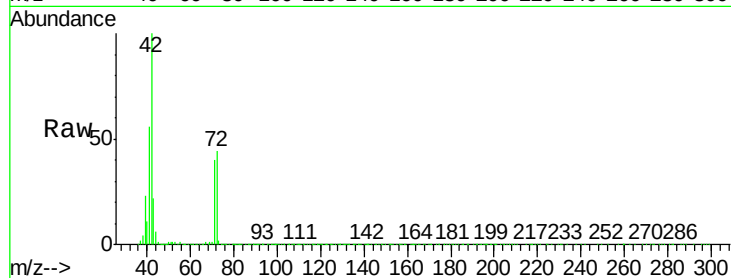
Tgt Ion: 42 Resp: 262635

Ion Ratio Lower Upper

42 100

72 45.0 35.8 53.8

71 41.9 33.6 50.4



#30

Chloroform

Concen: 20.016 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014291.D

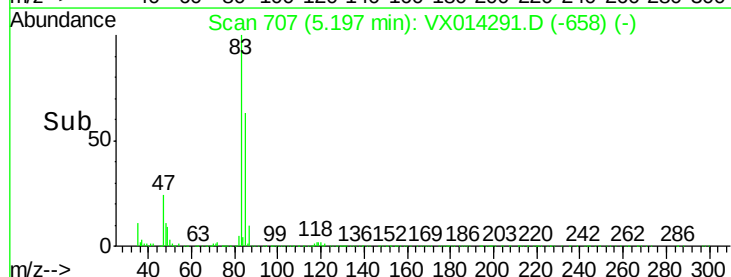
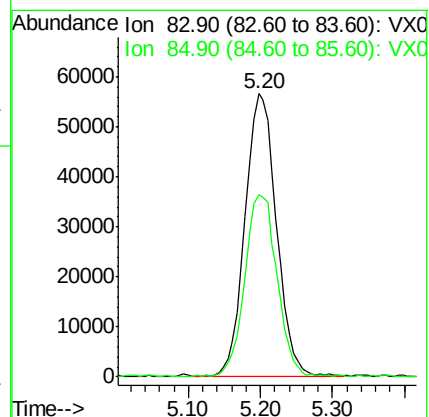
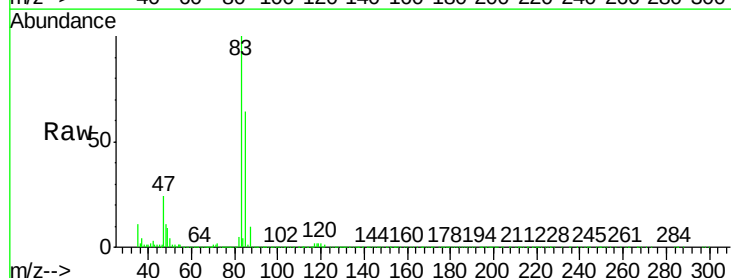
Acq: 27 Dec 2019 00:52

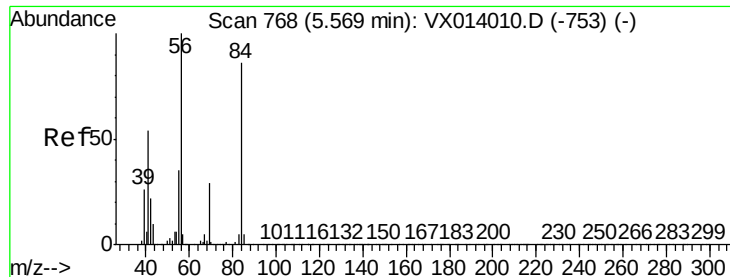
Tgt Ion: 83 Resp: 172361

Ion Ratio Lower Upper

83 100

85 64.1 50.8 76.2

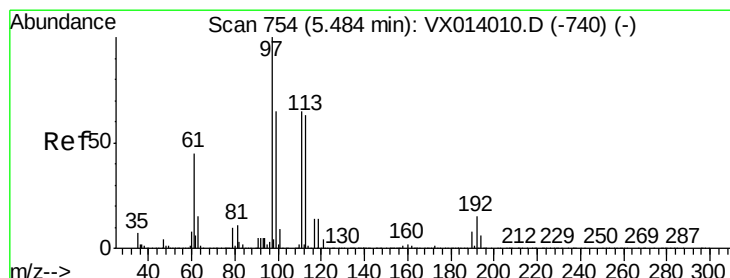
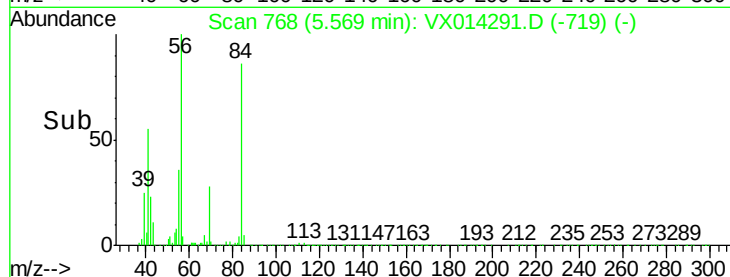
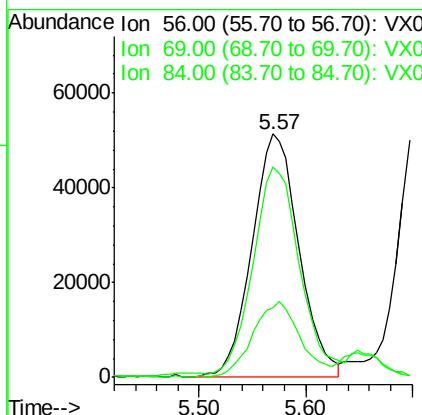
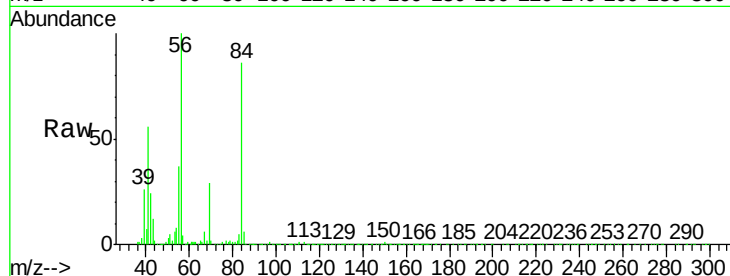




#31
Cyclohexane
Concen: 19.363 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

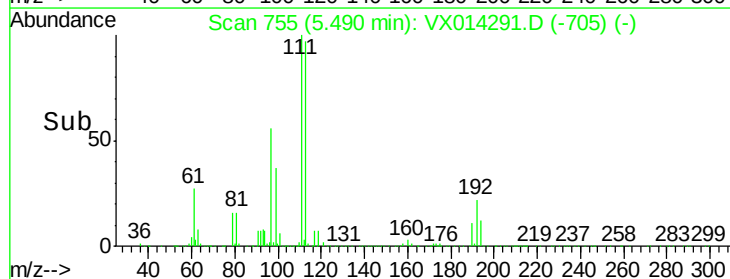
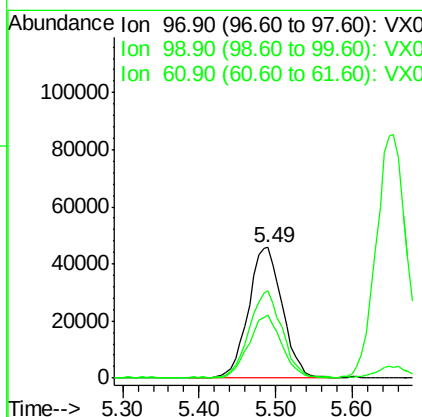
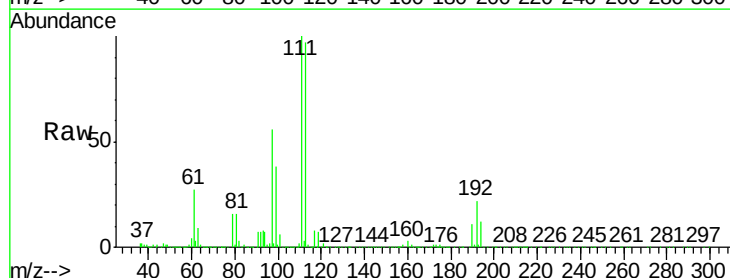
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

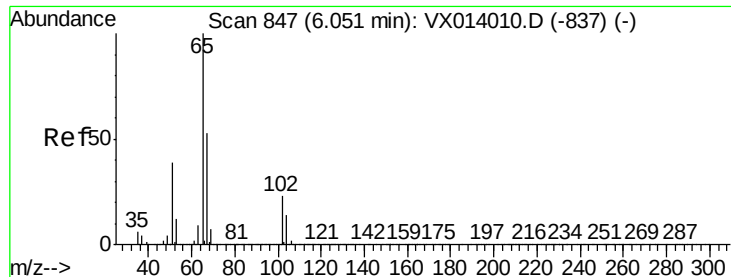
Tgt Ion: 56 Resp: 156433
Ion Ratio Lower Upper
56 100
69 28.5 23.2 34.8
84 85.0 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.140 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 97 Resp: 140473
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 46.4 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.771 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

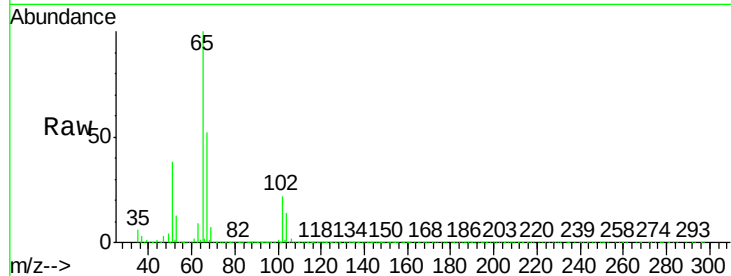
VX1226WBSD02

Tgt Ion: 65 Resp: 279909

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

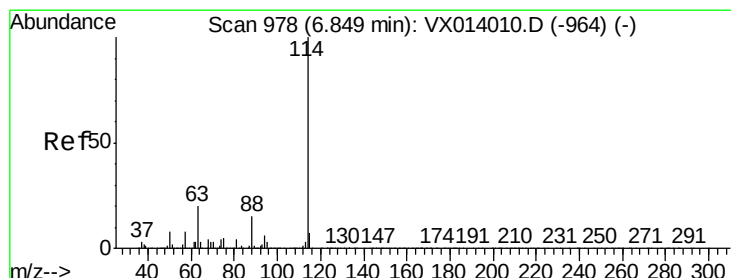
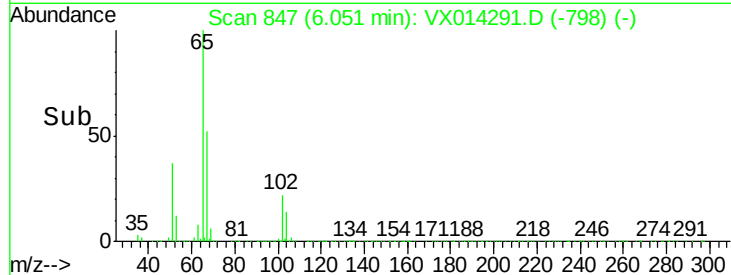
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

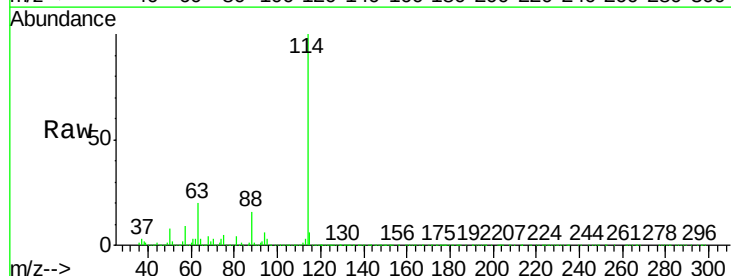
Tgt Ion: 114 Resp: 752644

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

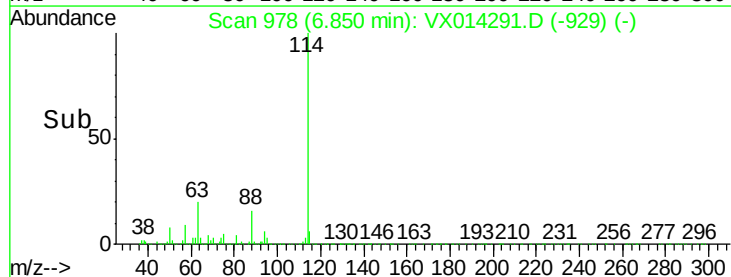
300000

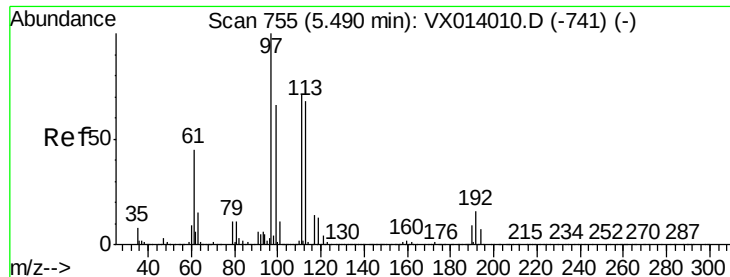
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.175 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

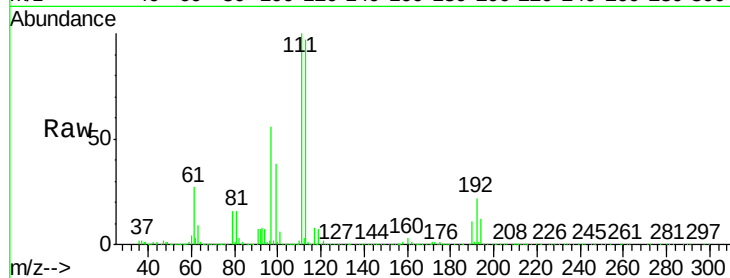
Tgt Ion: 113 Resp: 229565

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

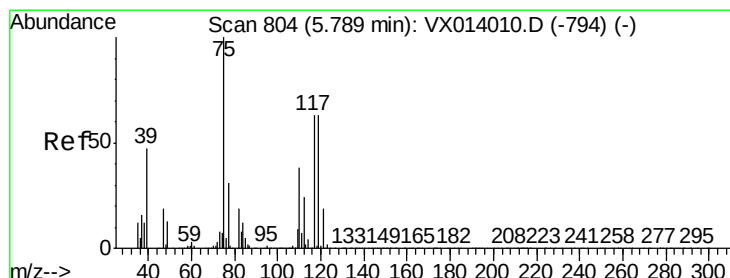
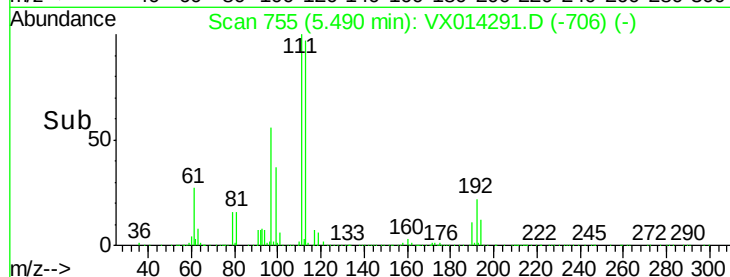
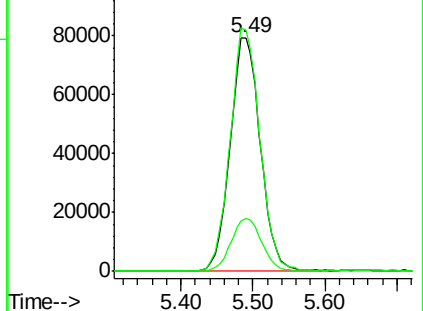
192 23.3 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.934 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

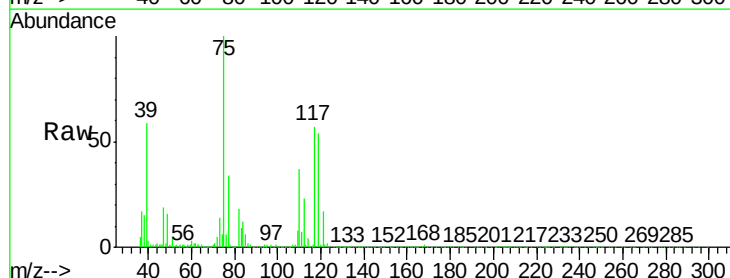
Tgt Ion: 75 Resp: 123850

Ion Ratio Lower Upper

75 100

110 37.6 18.3 54.9

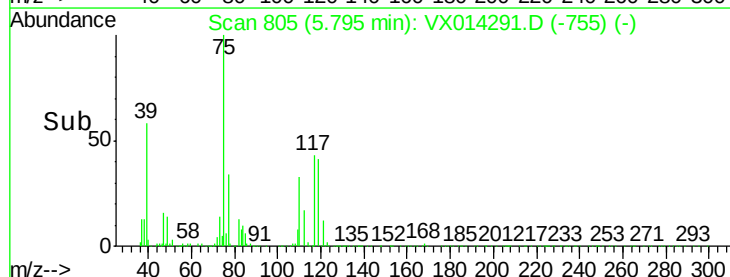
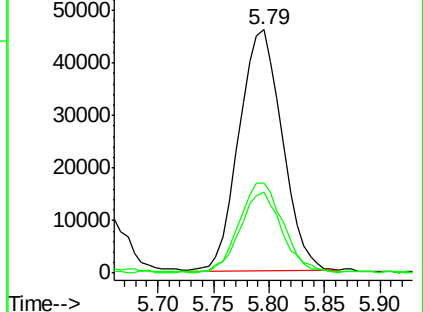
77 32.2 24.8 37.2

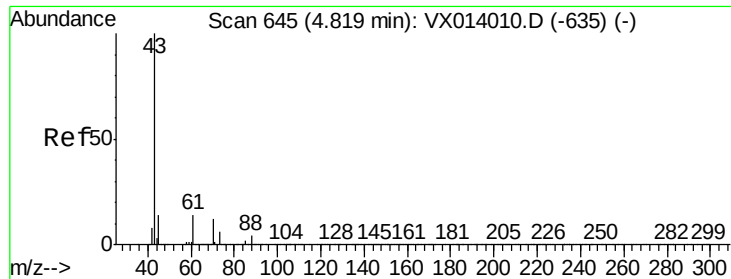


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

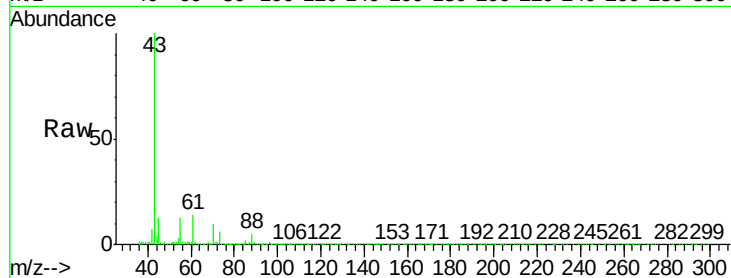




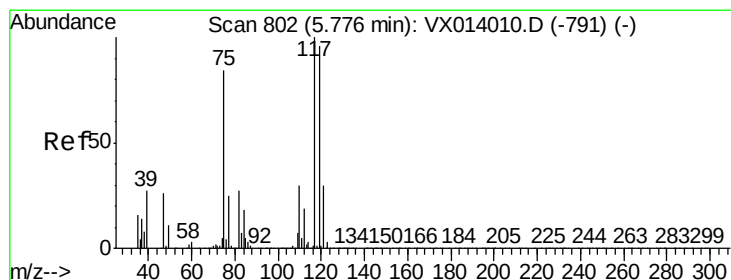
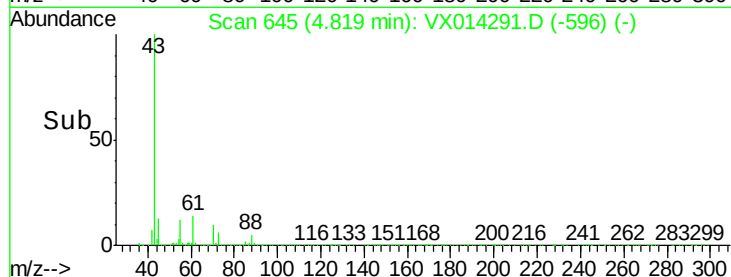
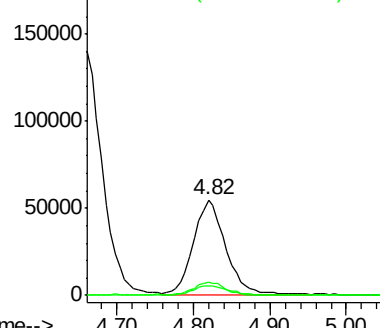
#37
Ethyl Acetate
Concen: 20.633 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tgt Ion:	43	Resp:	157348
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	10.3	8.6	12.8

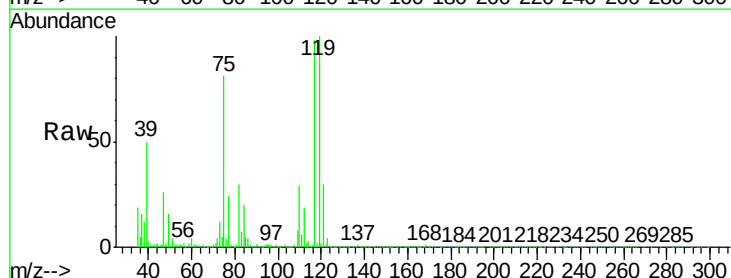


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

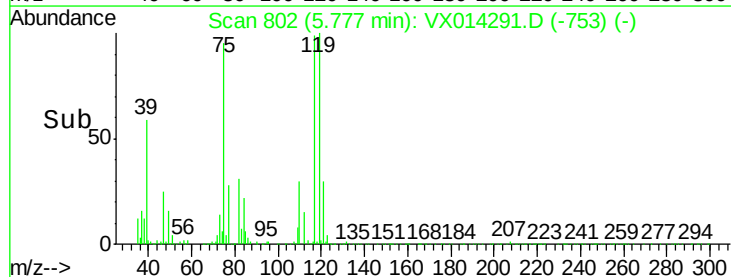
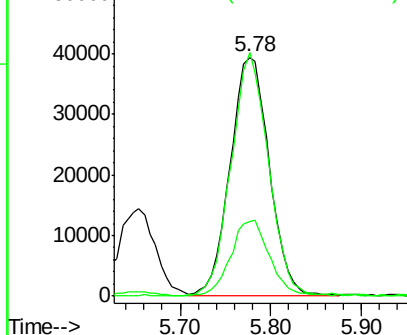


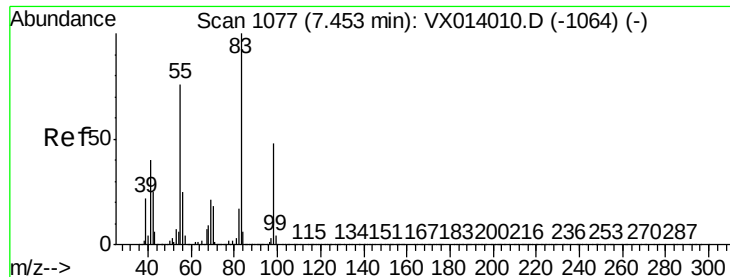
#38
Carbon Tetrachloride
Concen: 18.618 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion:	117	Resp:	117131
Ion	Ratio	Lower	Upper
117	100		
119	101.8	76.2	114.4
121	30.8	23.6	35.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

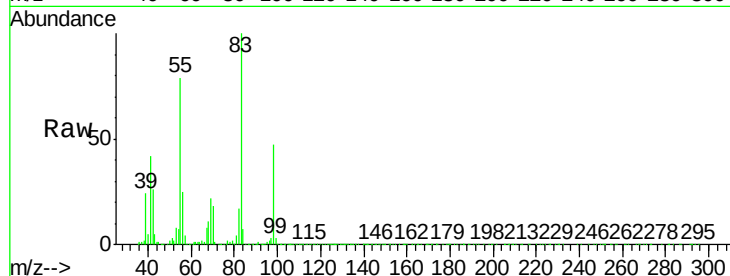




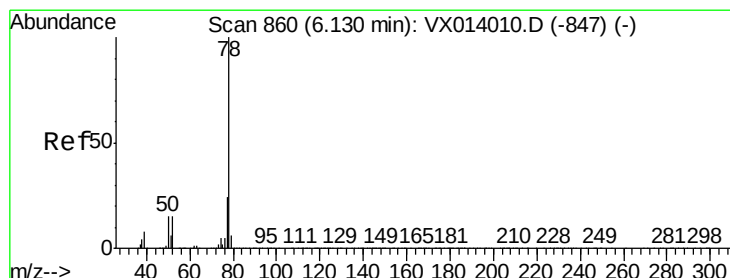
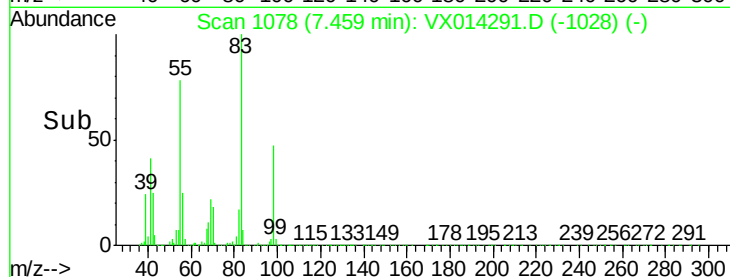
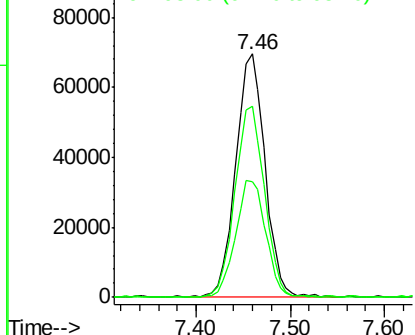
#39
Methylcyclohexane
Concen: 17.681 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.0	91.6
98	47.3	38.6	57.8

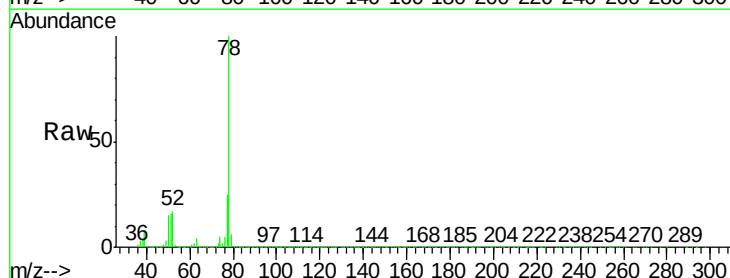


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

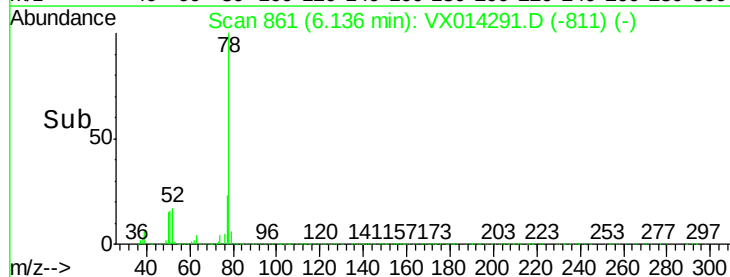
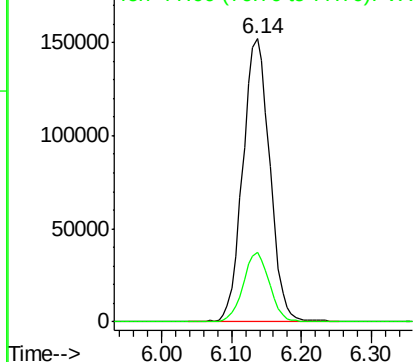


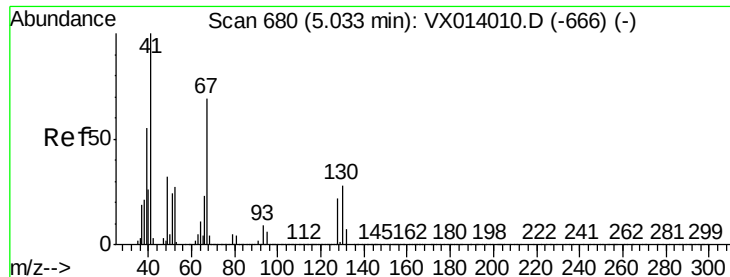
#40
Benzene
Concen: 19.115 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2



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

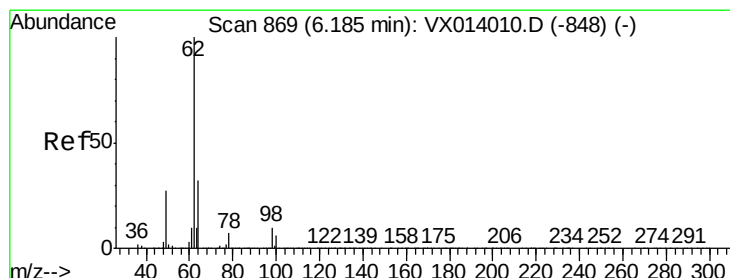
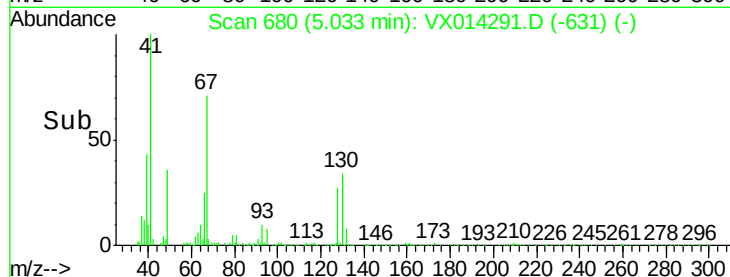
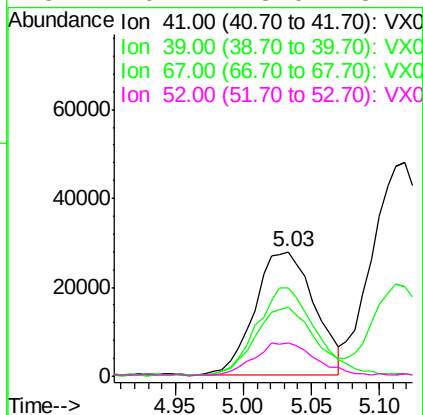
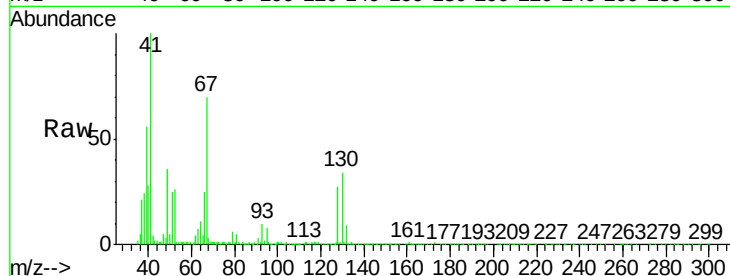




#41
Methacrylonitrile
Concen: 20.096 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

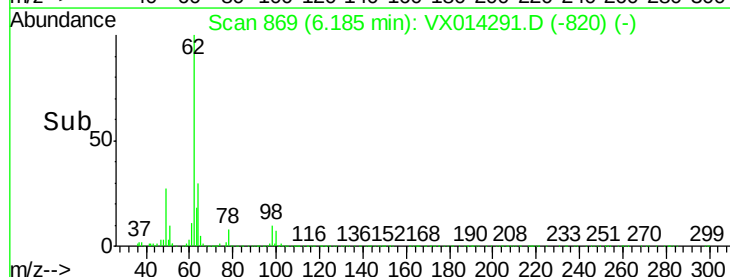
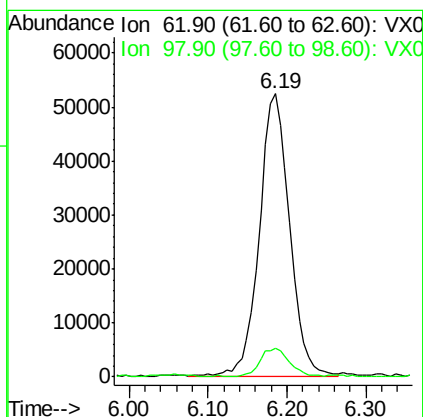
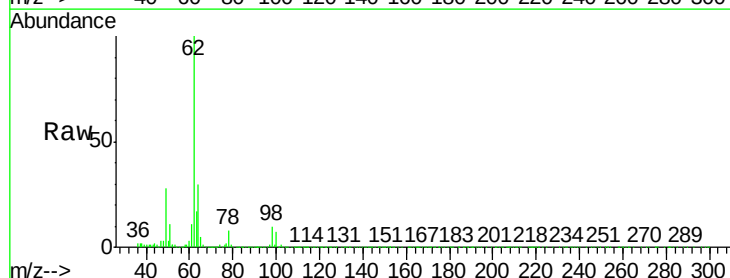
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

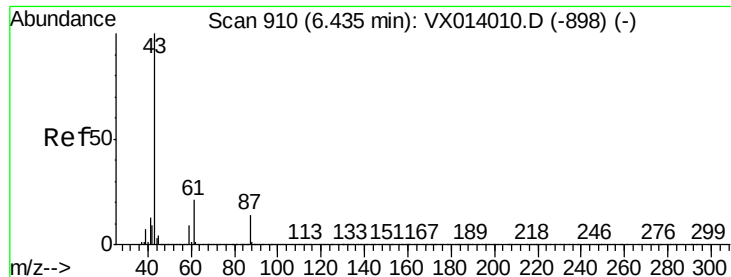
Tgt Ion:	41	Resp:	85033
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.5	66.7
67	70.5	57.4	86.0
52	26.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.571 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion:	62	Resp:	140964
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.977 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

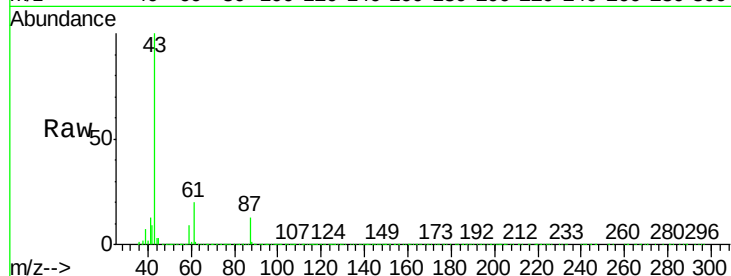
Tgt Ion: 43 Resp: 252127

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

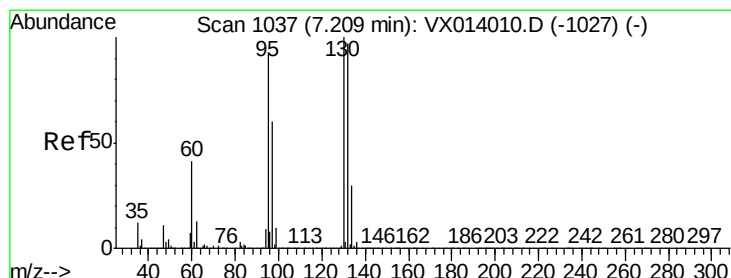
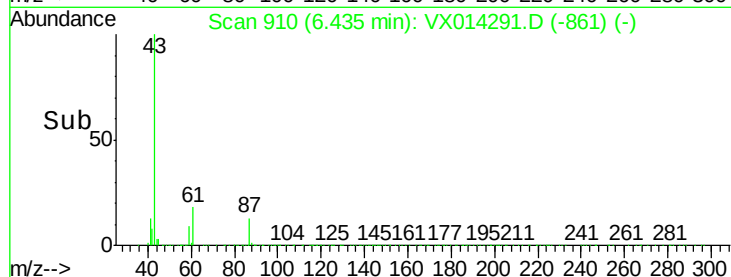
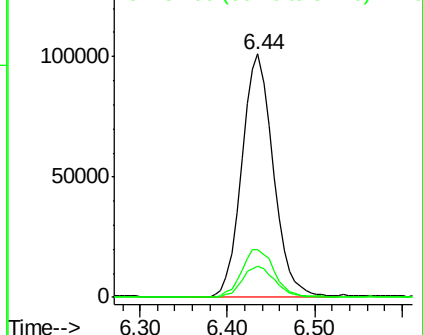
87 13.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.640 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014291.D

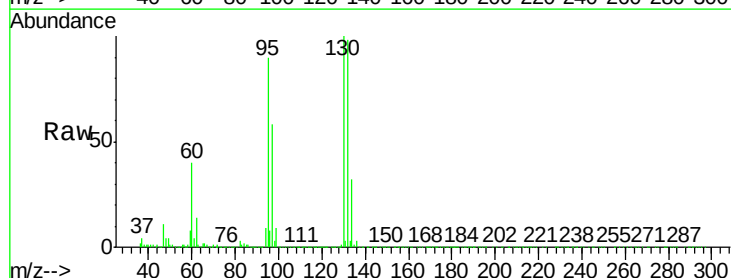
Acq: 27 Dec 2019 00:52

Tgt Ion: 130 Resp: 109398

Ion Ratio Lower Upper

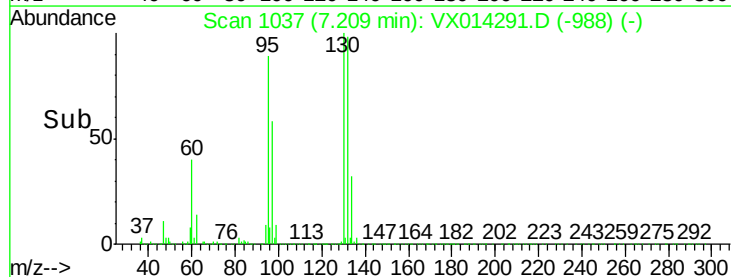
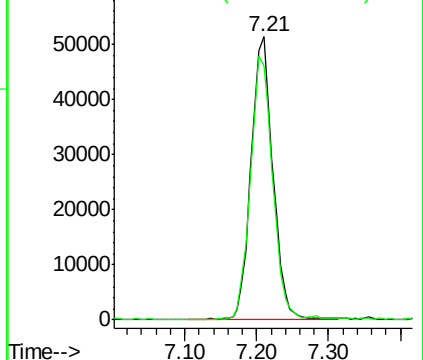
130 100

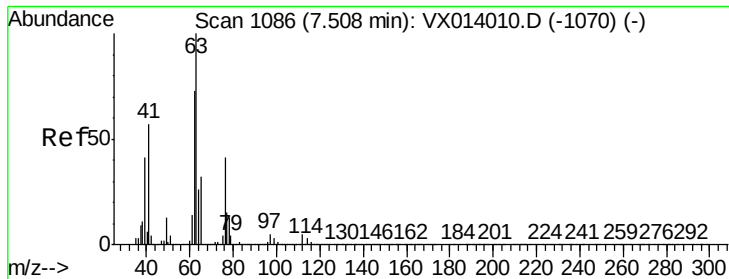
95 89.4 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

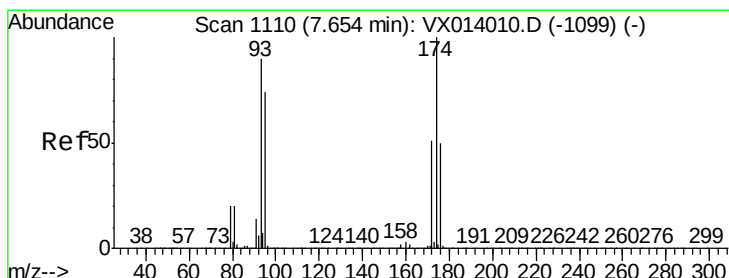
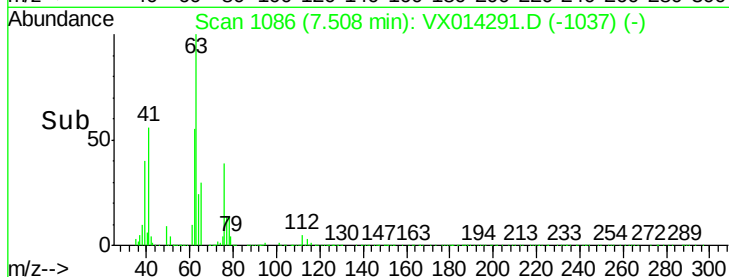
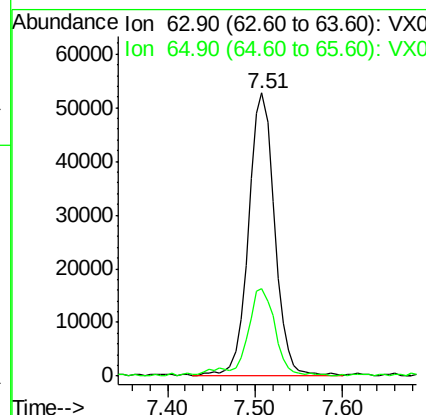
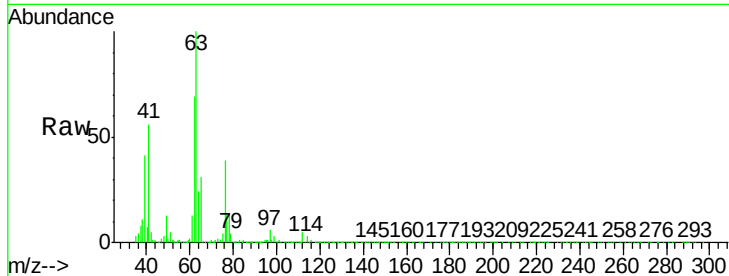




#45
 1,2-Dichloropropane
 Concen: 20.068 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

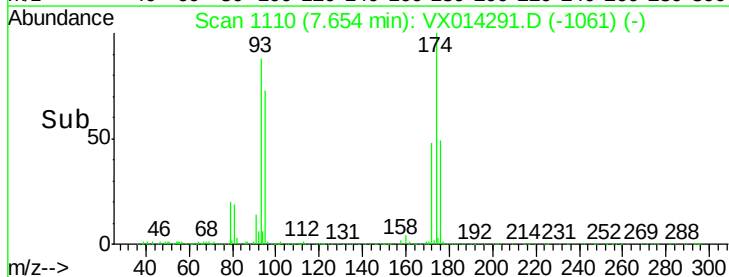
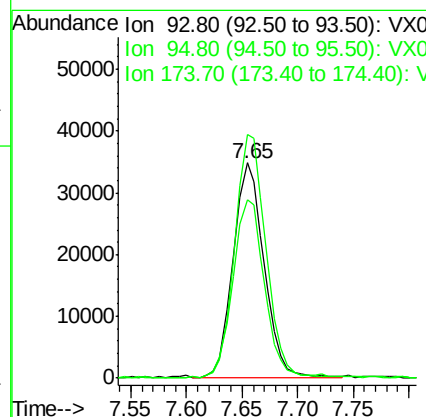
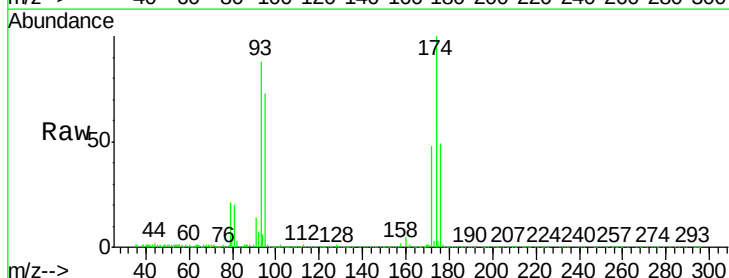
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

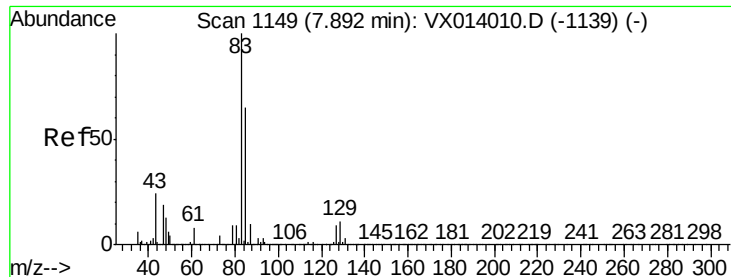
Tgt Ion: 63 Resp: 109296
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.8 38.8



#46
 Dibromomethane
 Concen: 18.797 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion: 93 Resp: 67683
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.3 100.9
 174 113.2 91.6 137.4





#47

Bromodichloromethane

Concen: 18.873 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

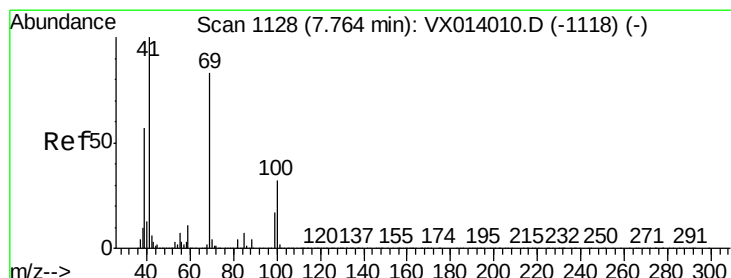
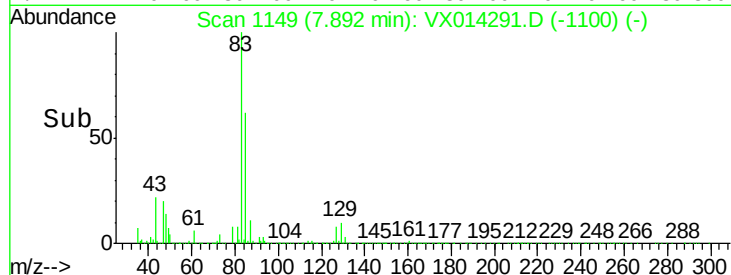
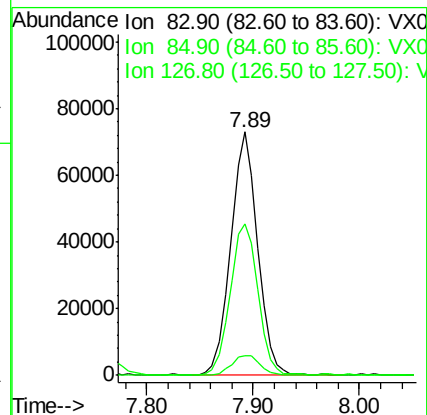
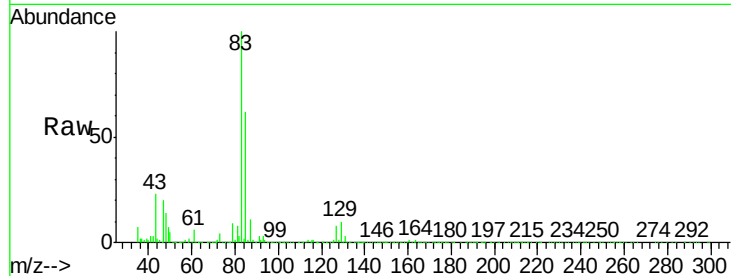
Tgt Ion: 83 Resp: 127988

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.8

127 8.1 7.0 10.4



#48

Methyl methacrylate

Concen: 19.827 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

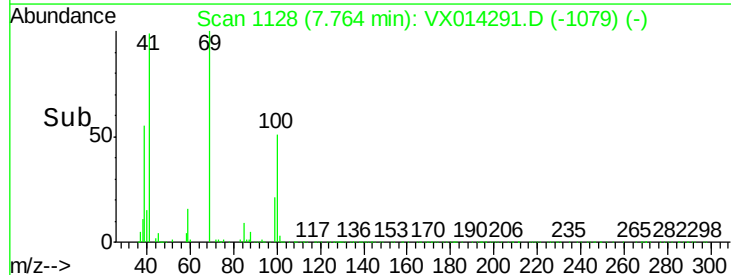
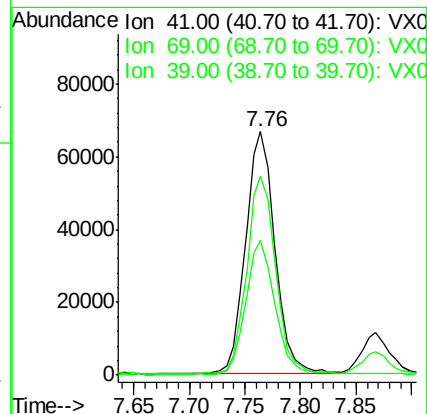
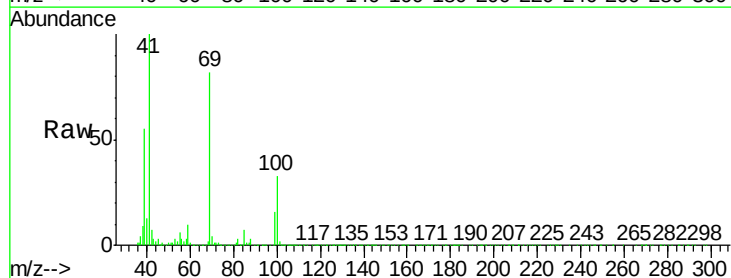
Tgt Ion: 41 Resp: 122529

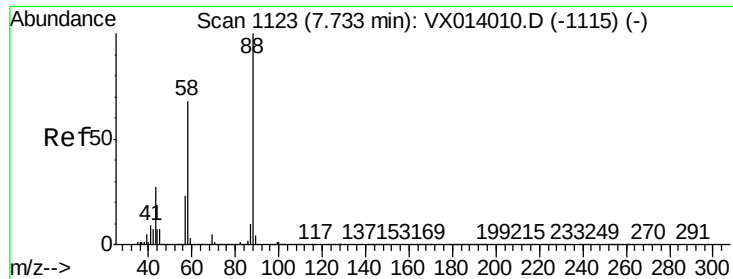
Ion Ratio Lower Upper

41 100

69 81.3 65.8 98.6

39 54.1 44.6 67.0





#49

1,4-Dioxane

Concen: 412.361 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

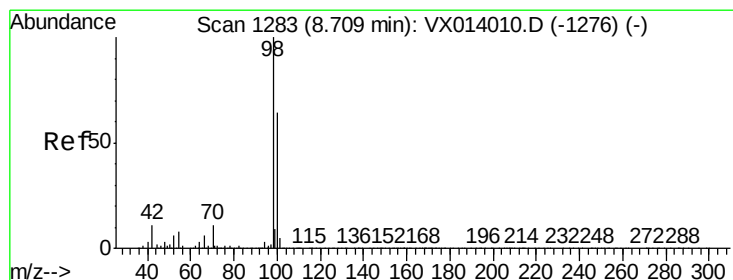
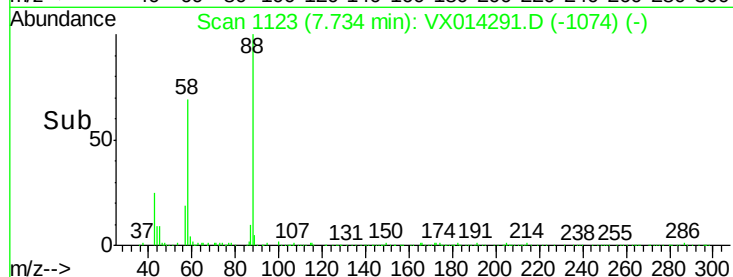
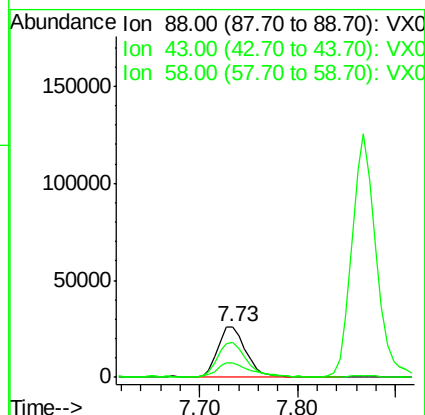
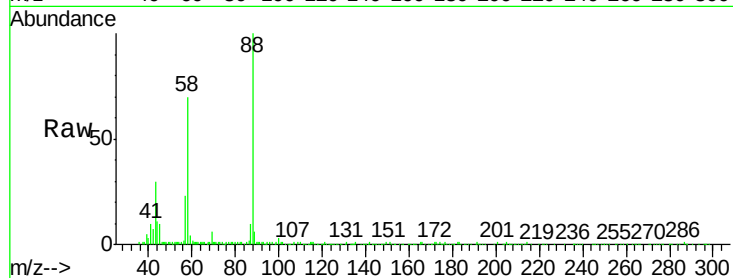
Tgt Ion: 88 Resp: 51861

Ion Ratio Lower Upper

88 100

43 33.1 26.5 39.7

58 70.3 56.8 85.2



#50

Toluene-d8

Concen: 50.141 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014291.D

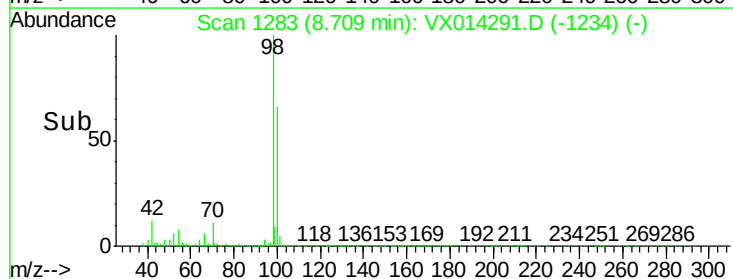
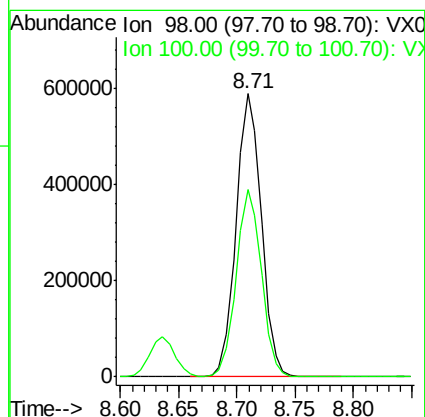
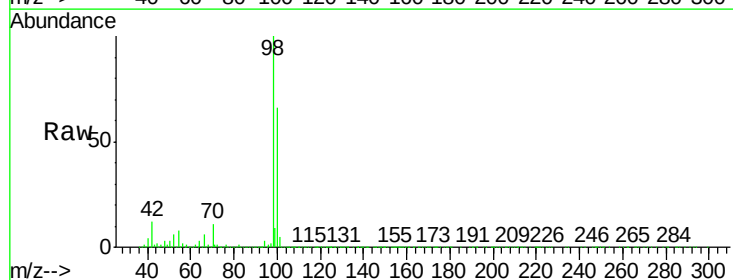
Acq: 27 Dec 2019 00:52

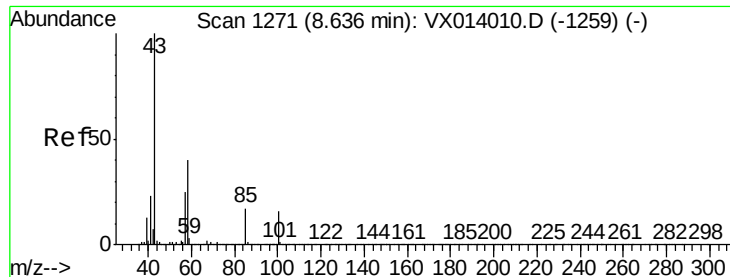
Tgt Ion: 98 Resp: 893135

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 102.223 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

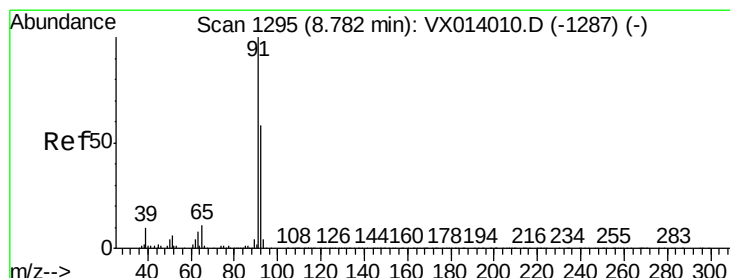
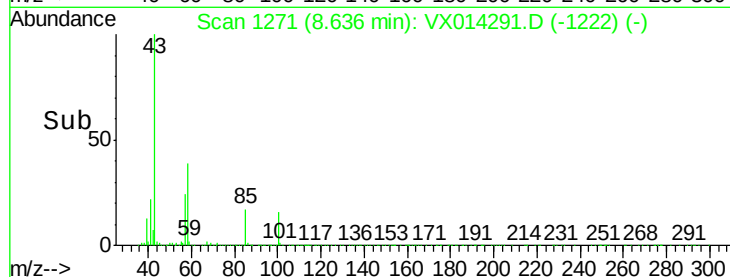
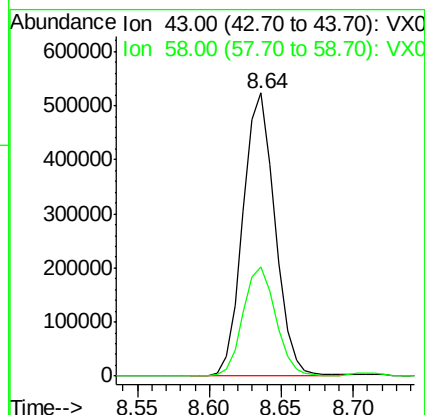
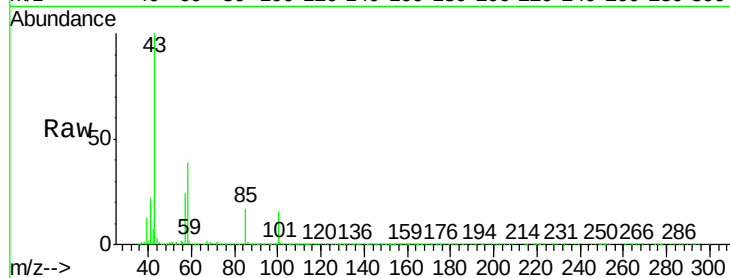
VX1226WBSD02

Tgt Ion: 43 Resp: 810232

Ion Ratio Lower Upper

43 100

58 39.0 32.2 48.2



#52

Toluene

Concen: 18.699 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014291.D

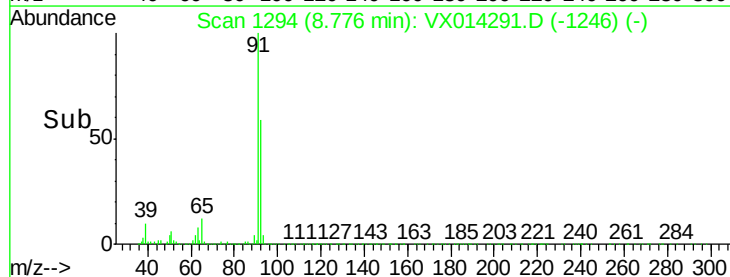
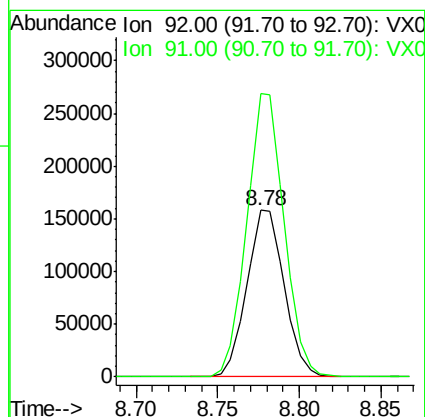
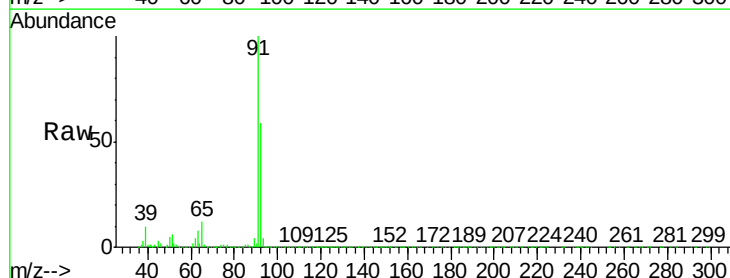
Acq: 27 Dec 2019 00:52

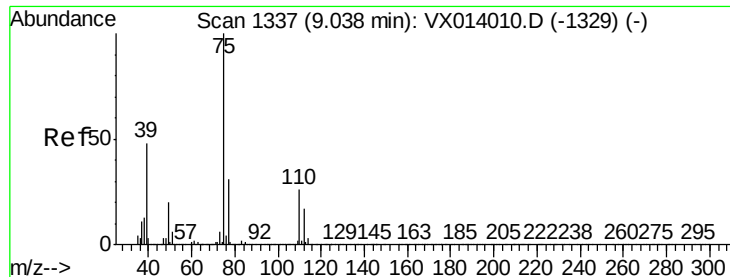
Tgt Ion: 92 Resp: 251135

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.4

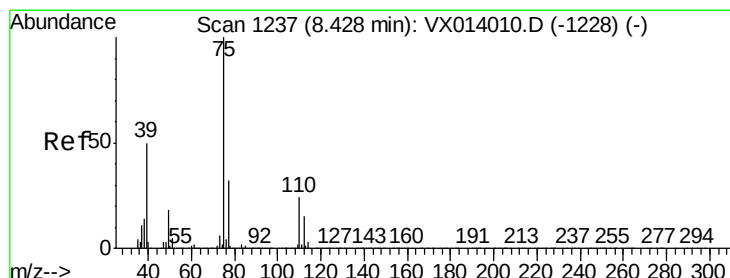
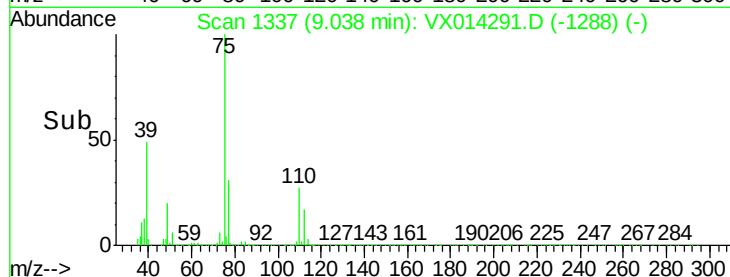
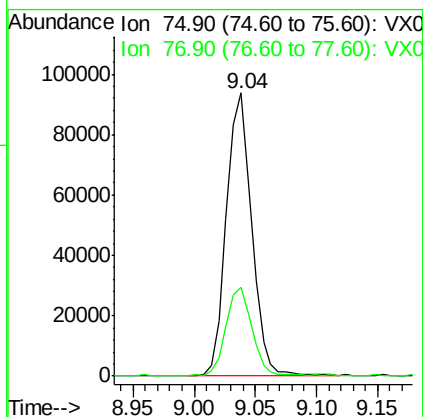
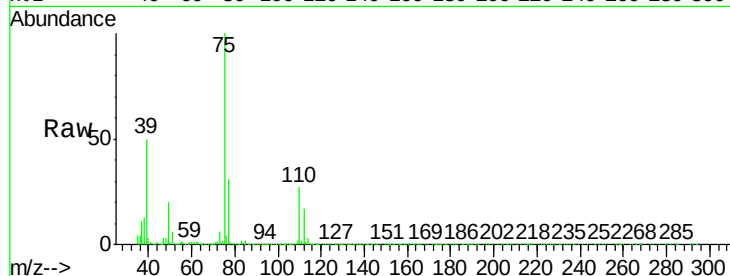




#53
t-1,3-Dichloropropene
Concen: 18.005 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

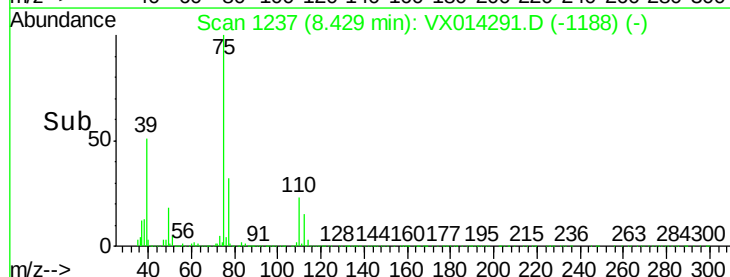
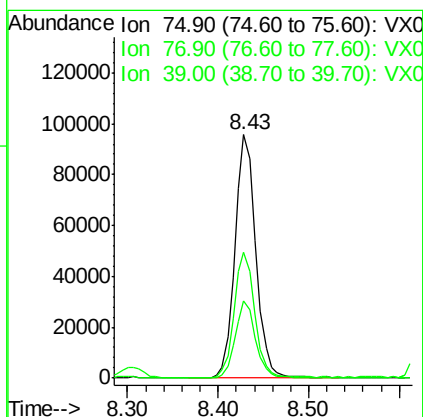
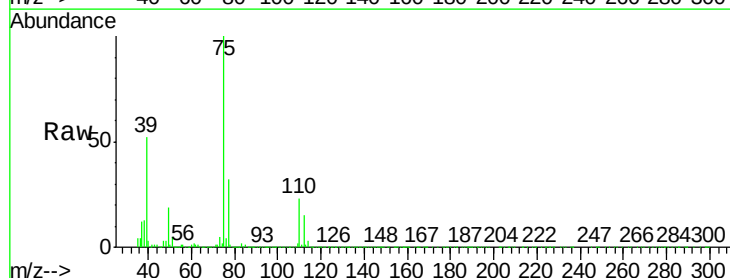
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

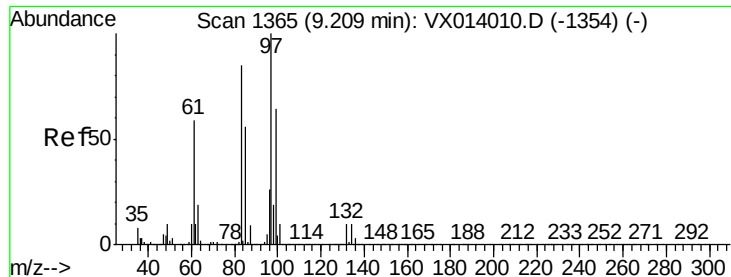
Tgt Ion: 75 Resp: 133888
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.438 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 75 Resp: 152742
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 51.2 39.9 59.9

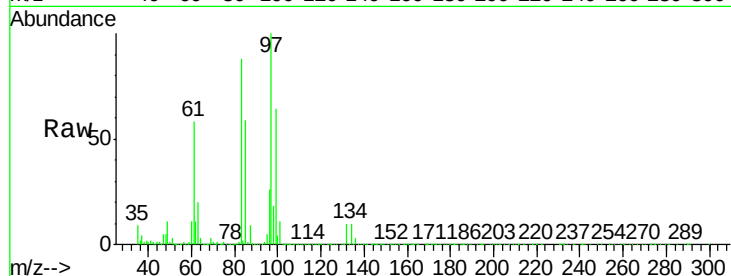




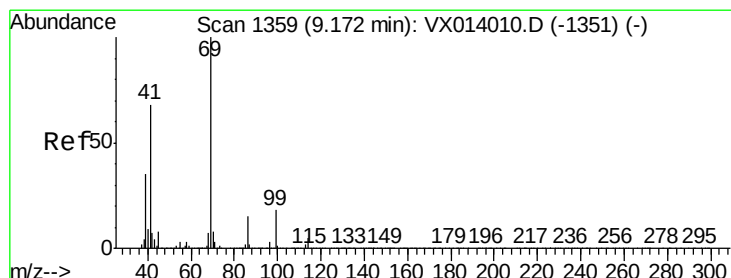
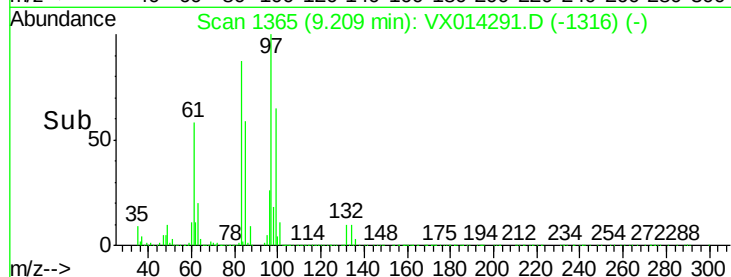
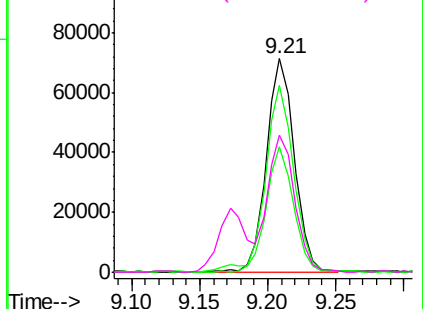
#55
 1,1,2-Trichloroethane
 Concen: 19.147 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX1226WBSD02

Tgt Ion:	97	Resp:	103067
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.2	102.4
85	58.4	44.6	66.8
99	64.3	51.4	77.0

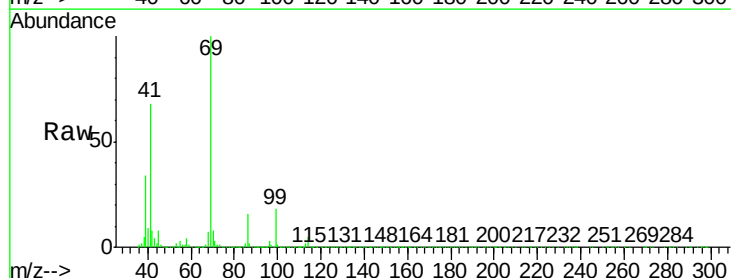


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

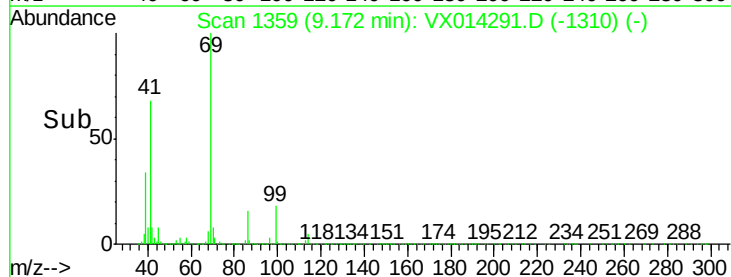
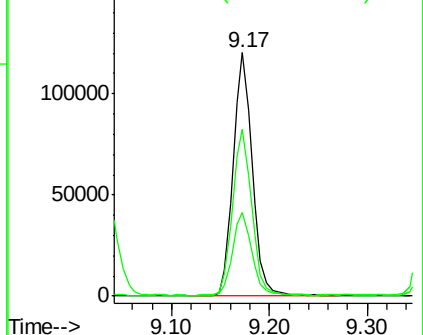


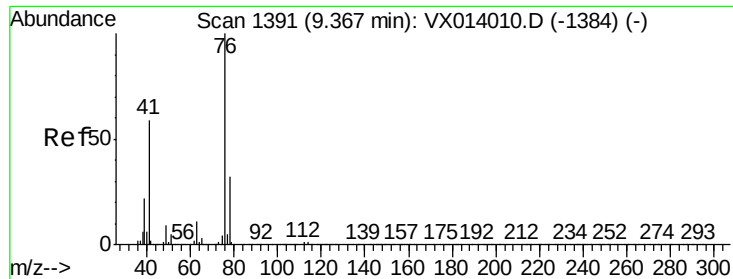
#56
 Ethyl methacrylate
 Concen: 19.225 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion:	69	Resp:	162557
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.8	82.2
39	34.7	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

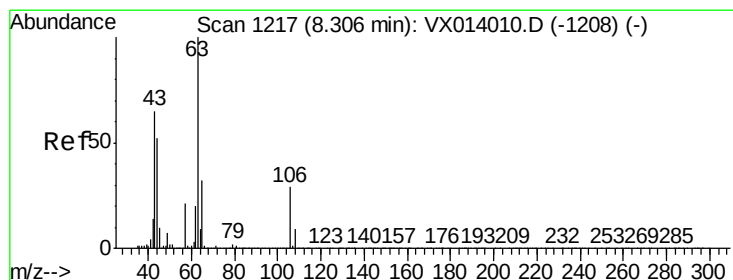
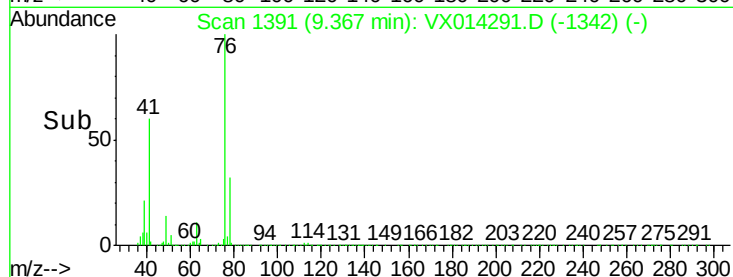
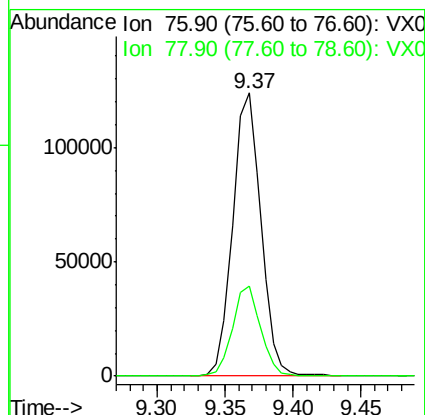
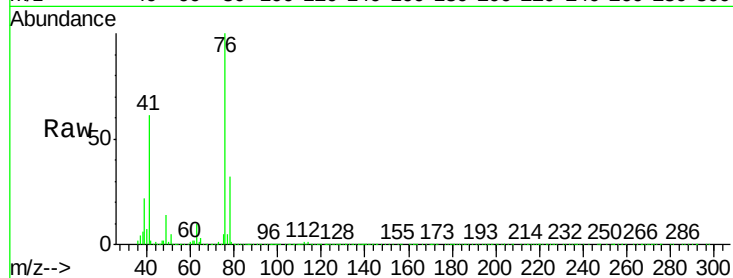




#57
 1,3-Dichloropropane
 Concen: 19.649 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

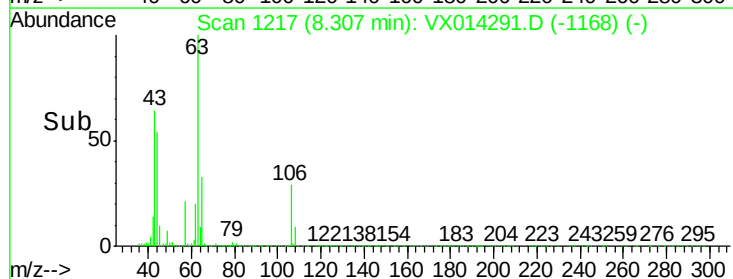
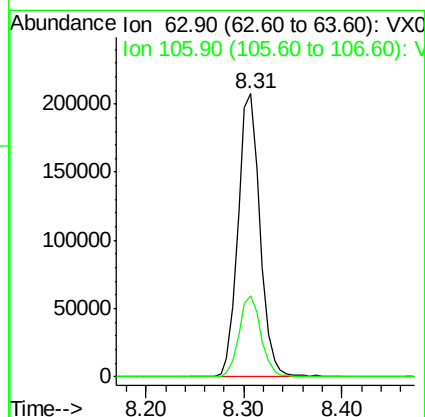
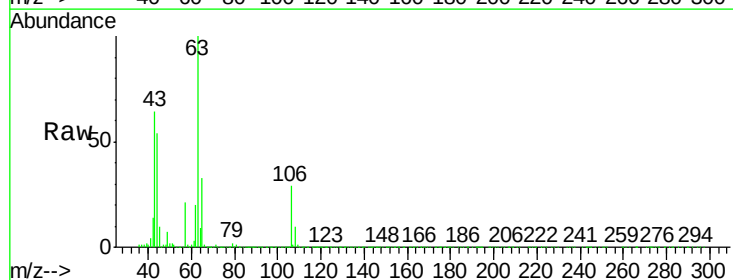
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

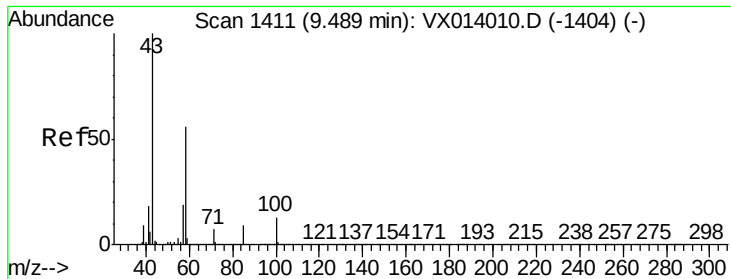
Tgt Ion: 76 Resp: 177951
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.691 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion: 63 Resp: 322201
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.0 34.6

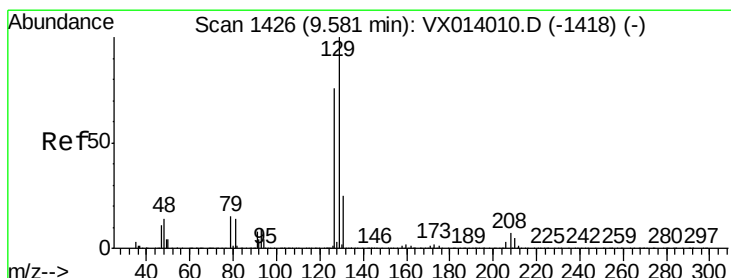
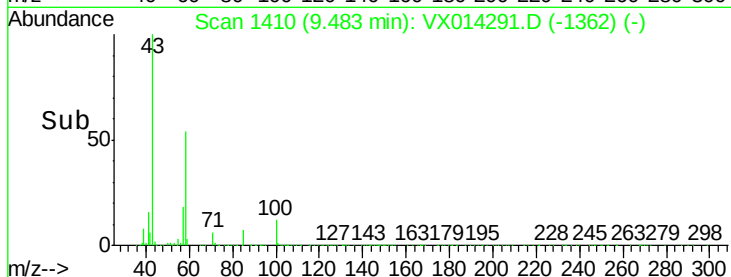
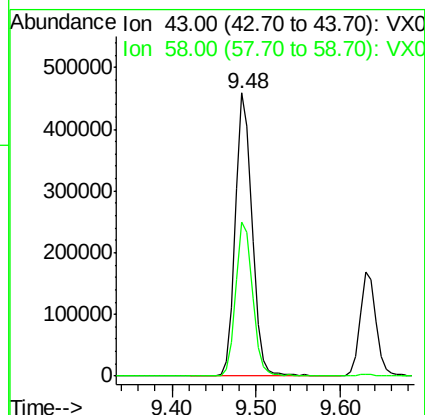
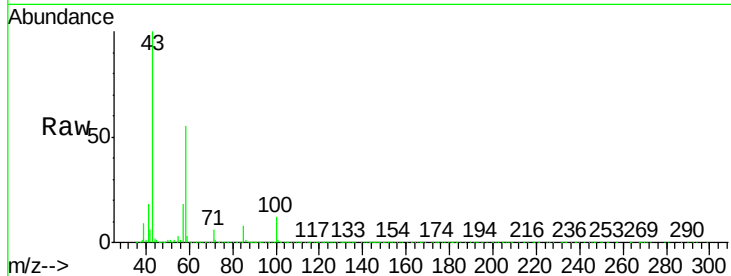




#59
2-Hexanone
Concen: 95.726 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

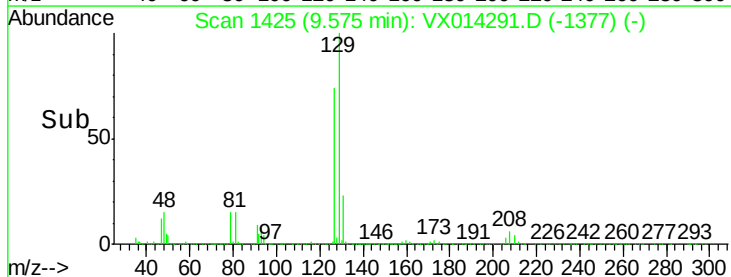
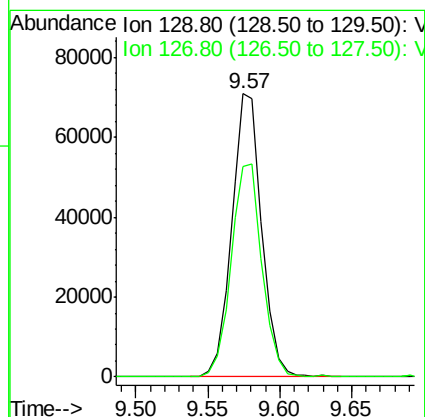
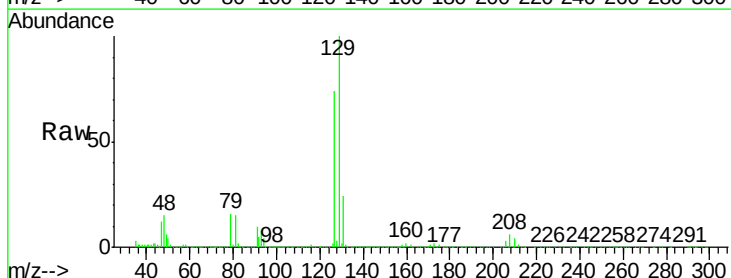
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

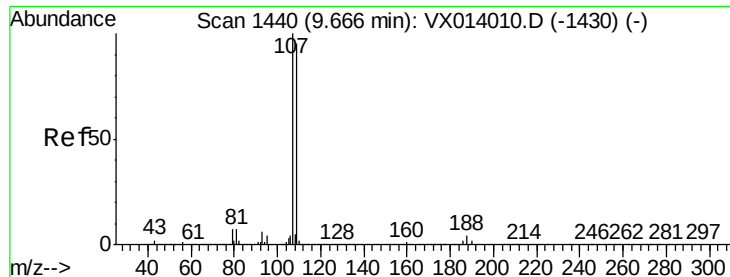
Tgt Ion: 43 Resp: 610780
Ion Ratio Lower Upper
43 100
58 54.7 28.0 84.0



#60
Dibromochloromethane
Concen: 19.146 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 129 Resp: 102442
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.471 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

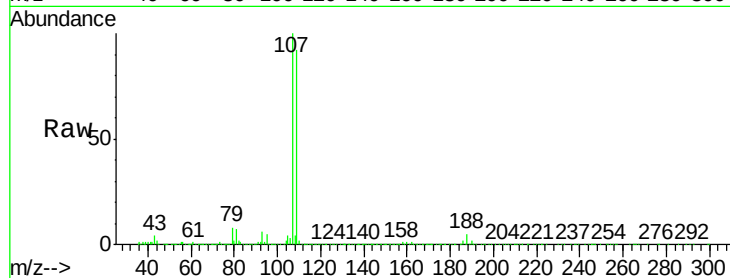
VX1226WBSD02

Tgt Ion: 107 Resp: 107236

Ion Ratio Lower Upper

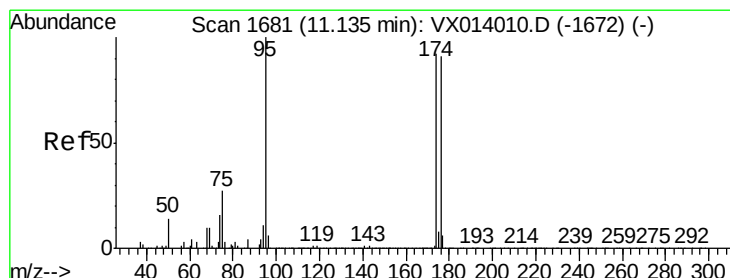
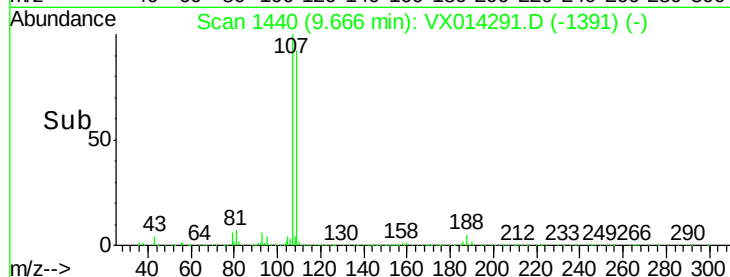
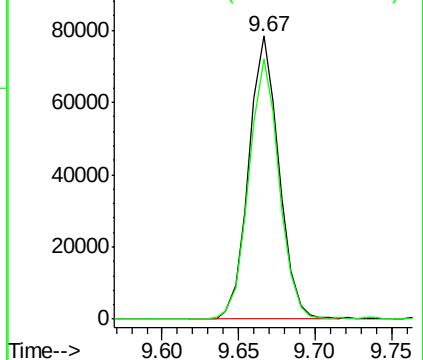
107 100

109 92.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.976 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

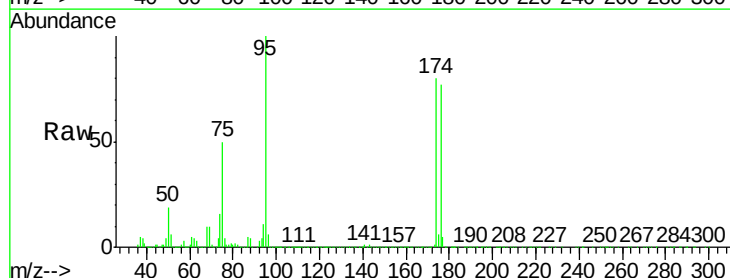
Tgt Ion: 95 Resp: 305873

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.8

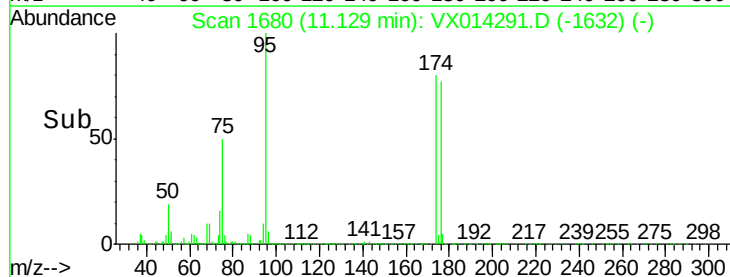
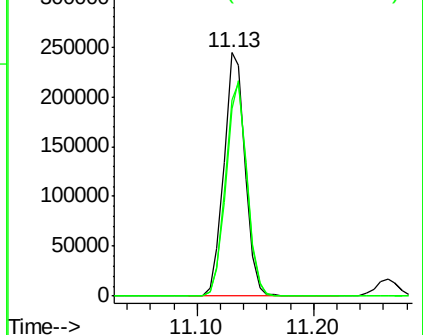
176 87.0 0.0 173.0

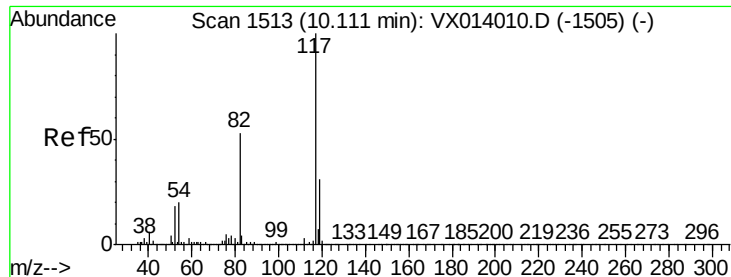


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

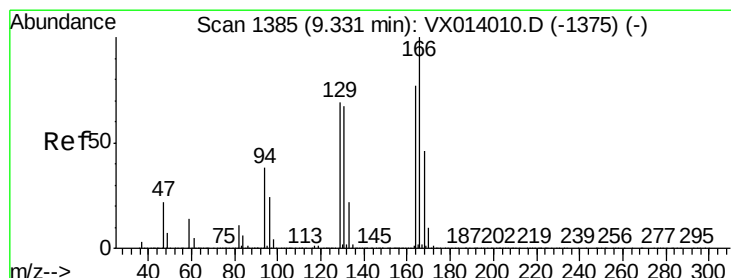
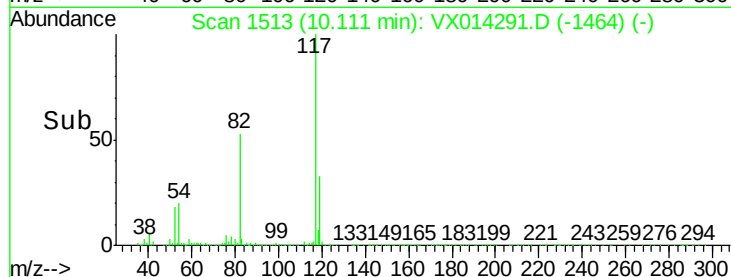
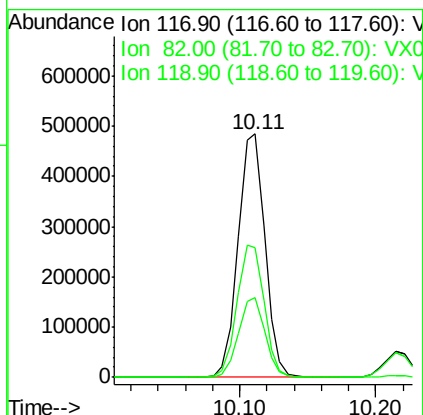
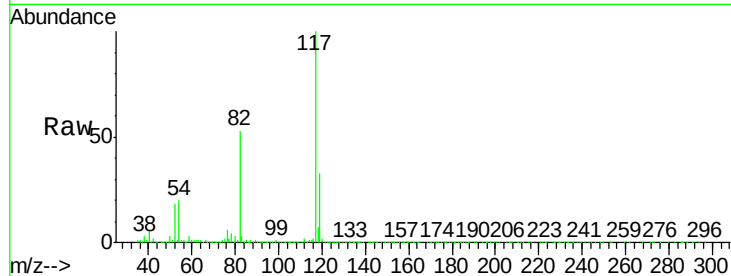




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

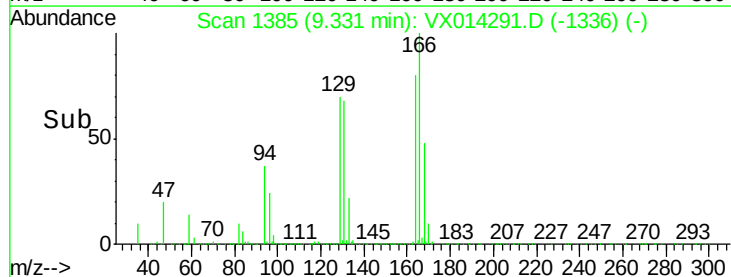
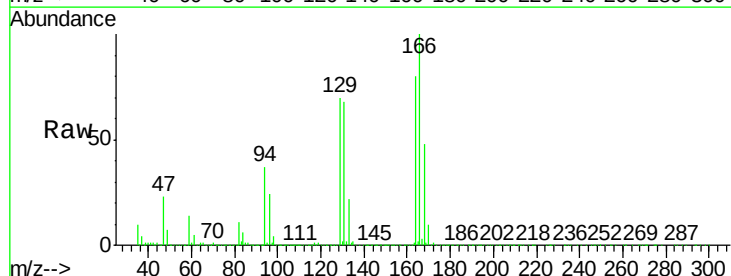
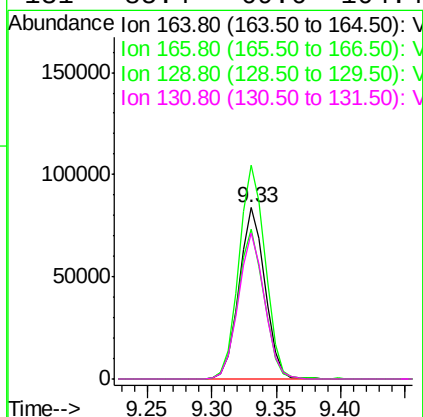
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

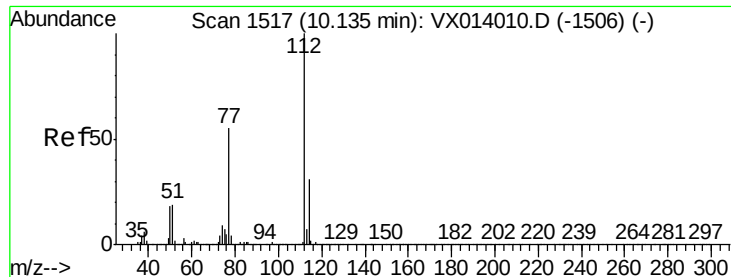
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	32.9	25.1	37.7



#64
Tetrachloroethene
Concen: 19.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	104.0	156.0
129	87.3	72.2	108.4
131	85.4	69.6	104.4





#65

Chlorobenzene

Concen: 18.822 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

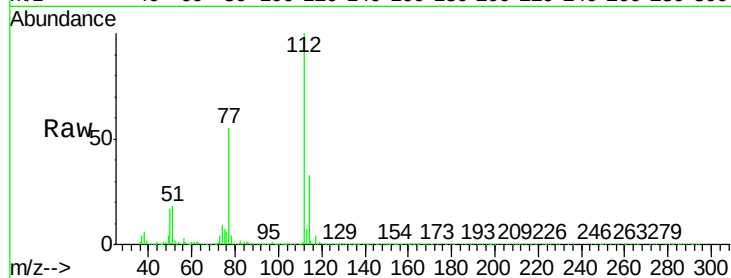
VX1226WBSD02

Tgt Ion:112 Resp: 266560

Ion Ratio Lower Upper

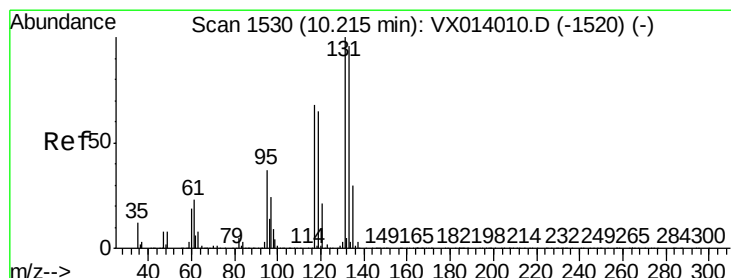
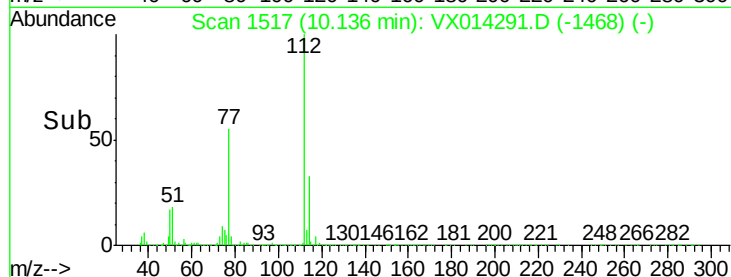
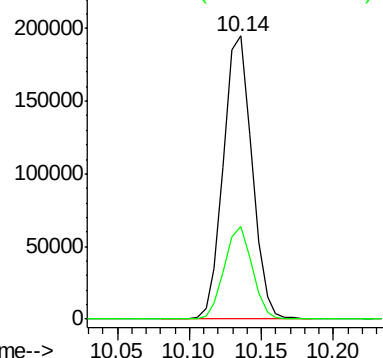
112 100

114 32.6 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.466 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

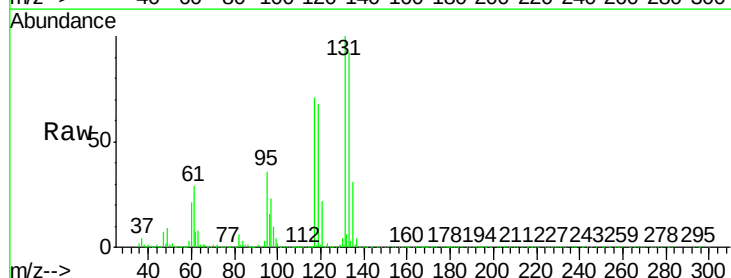
Tgt Ion:131 Resp: 98437

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.0

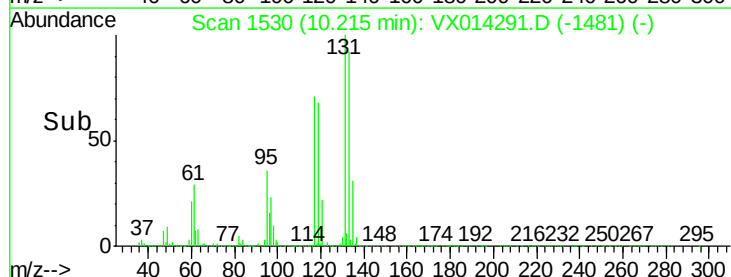
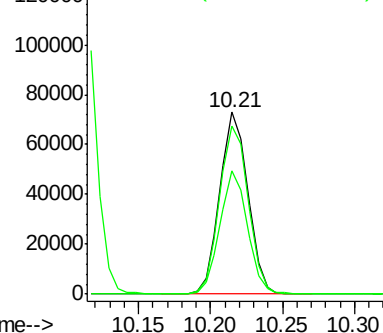
119 66.3 33.4 100.2

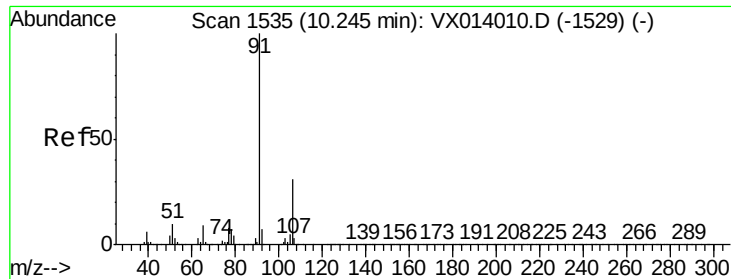


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

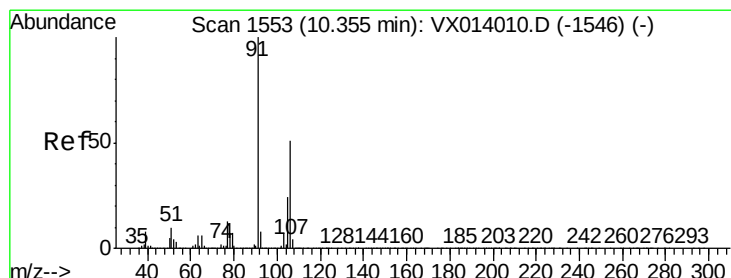
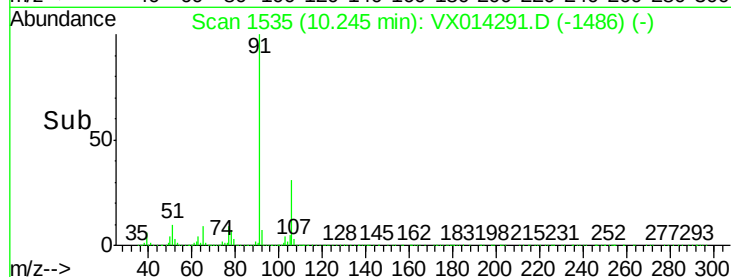
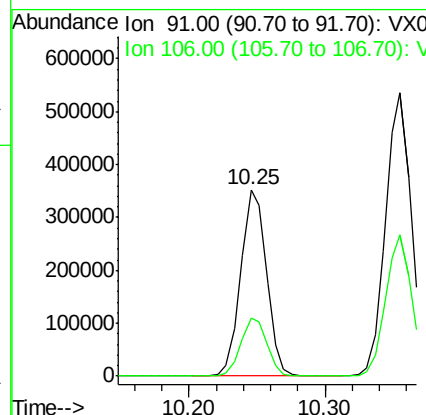
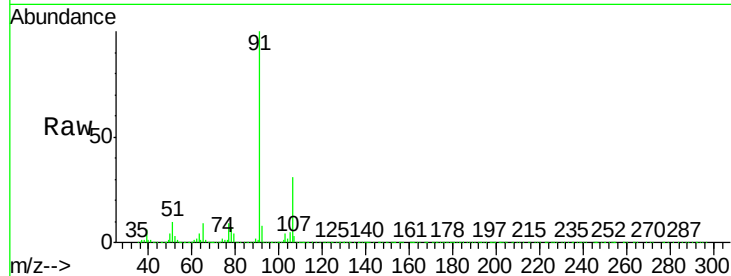




#67
Ethyl Benzene
Concen: 19.126 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

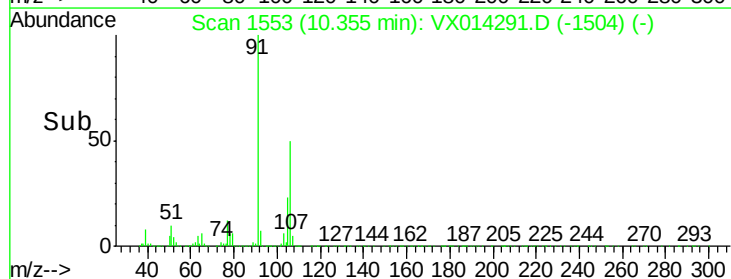
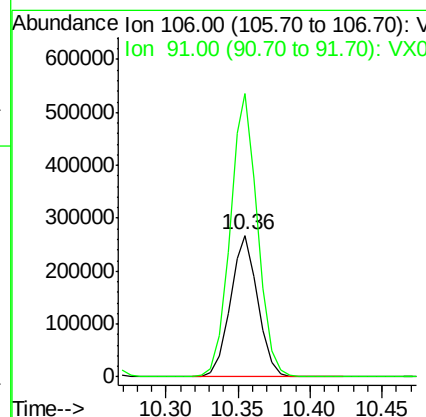
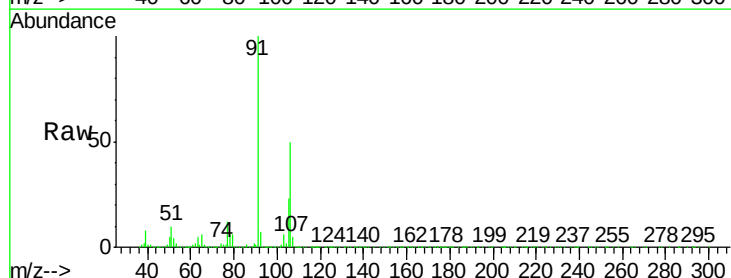
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

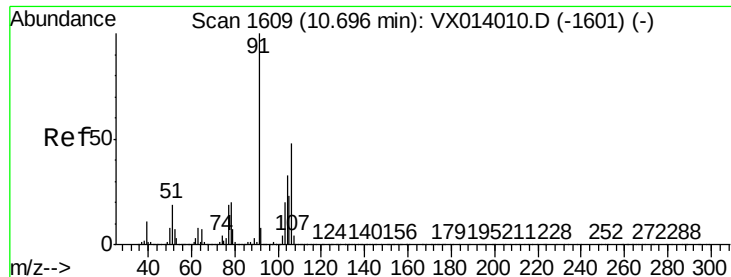
Tgt Ion: 91 Resp: 465684
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 37.974 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 106 Resp: 355617
Ion Ratio Lower Upper
106 100
91 199.8 158.6 238.0

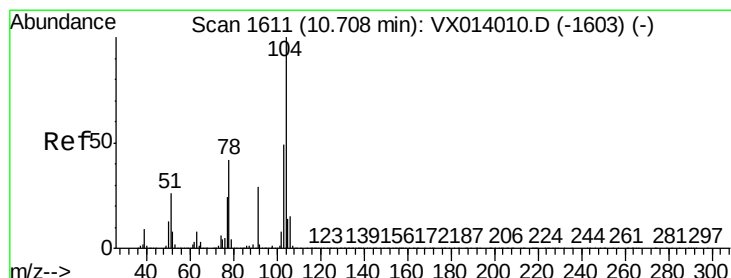
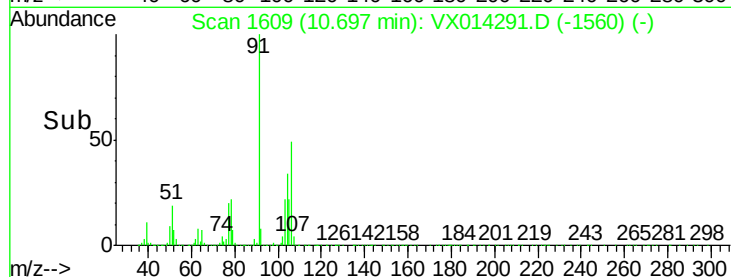
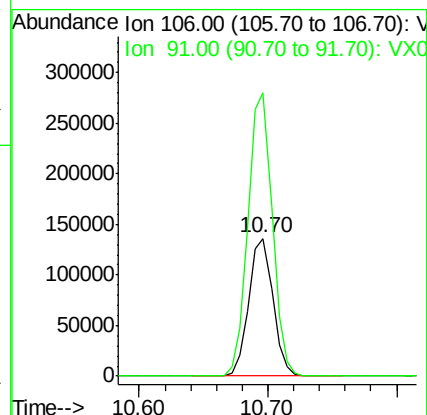
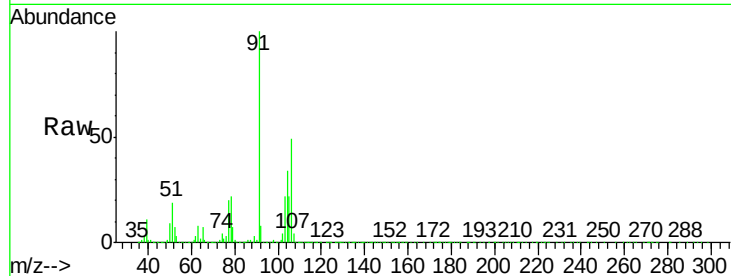




#69
o-Xylene
Concen: 19.165 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

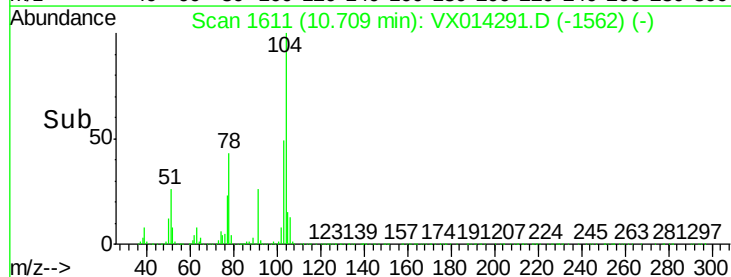
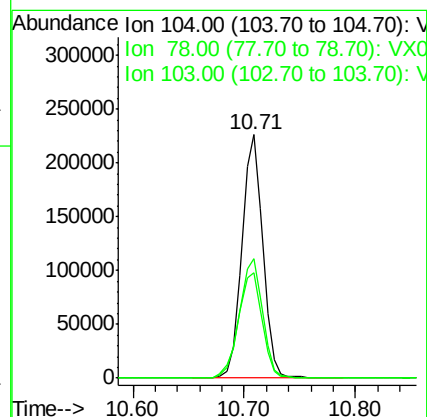
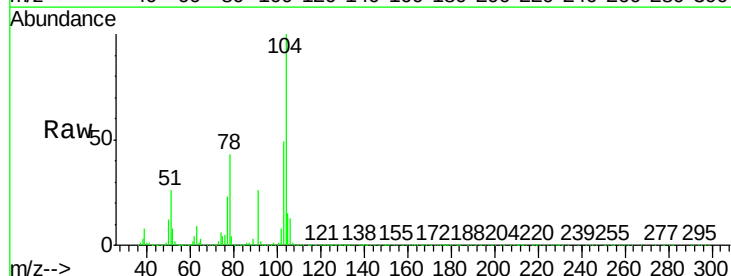
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

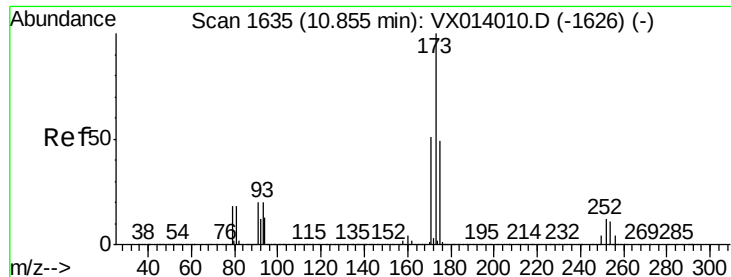
Tgt Ion:106 Resp: 176020
Ion Ratio Lower Upper
106 100
91 206.0 104.2 312.6



#70
Styrene
Concen: 18.820 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion:104 Resp: 292293
Ion Ratio Lower Upper
104 100
78 49.7 38.5 57.7
103 54.8 42.9 64.3

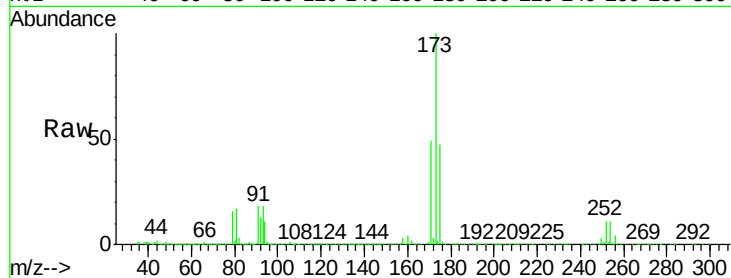




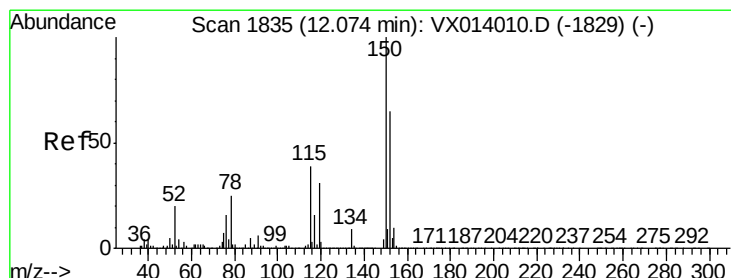
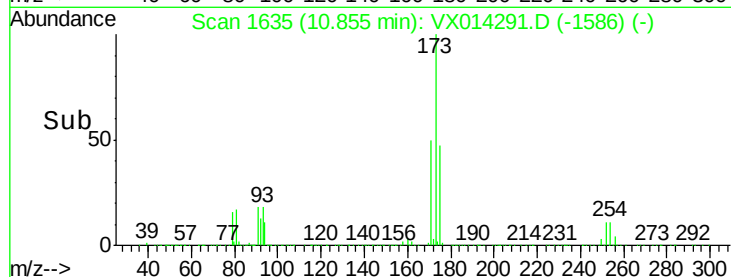
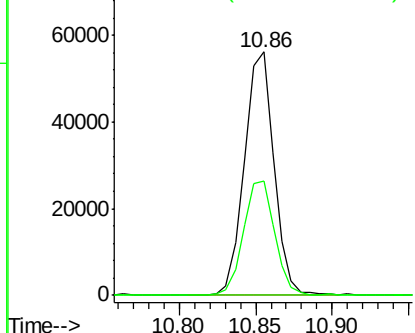
#71
Bromoform
Concen: 18.525 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tgt Ion:173 Resp: 75303
Ion Ratio Lower Upper
173 100
175 49.1 24.4 73.4
254 0.2 0.2 0.2

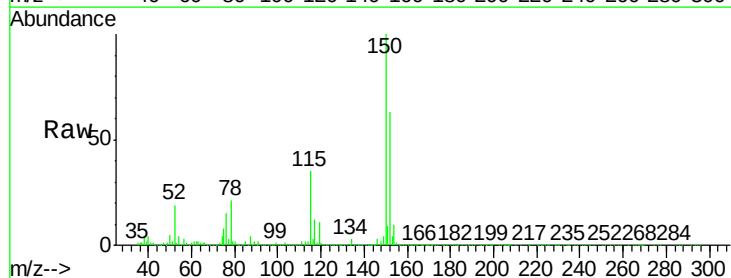


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

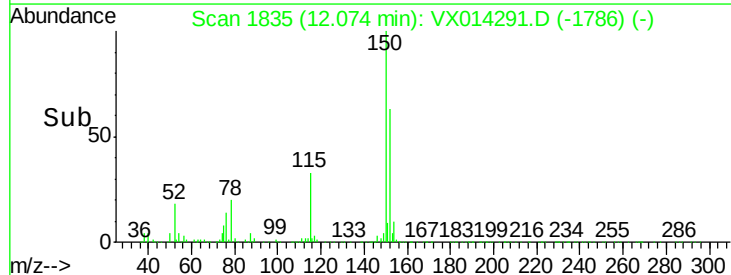
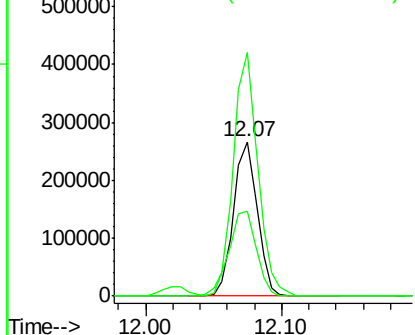


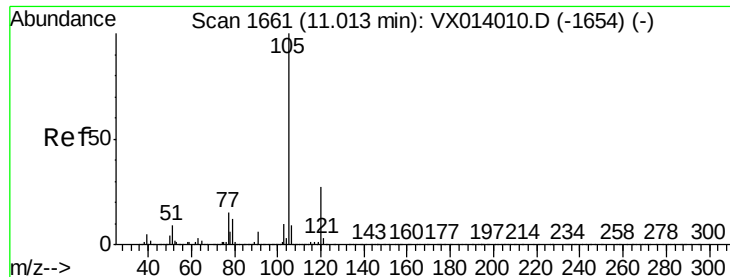
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion:152 Resp: 325153
Ion Ratio Lower Upper
152 100
115 63.5 38.3 114.9
150 162.9 0.0 345.4



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

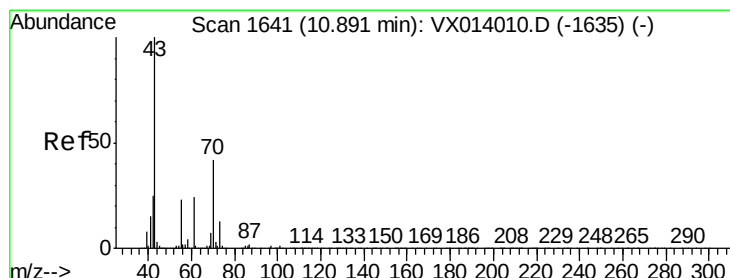
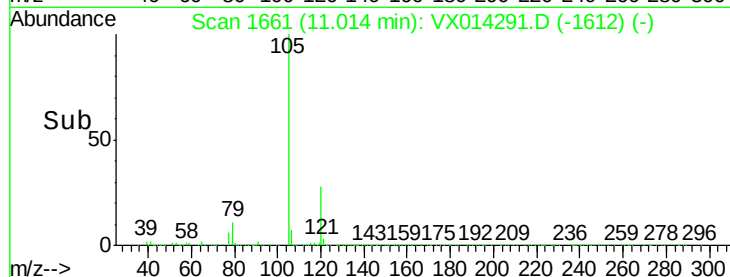
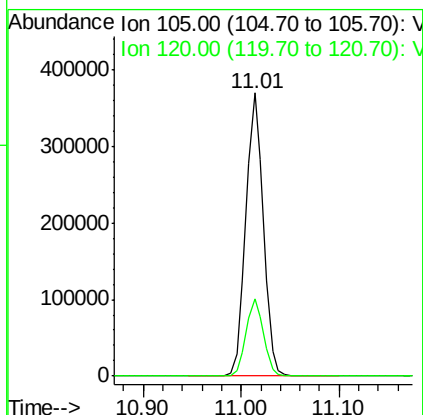
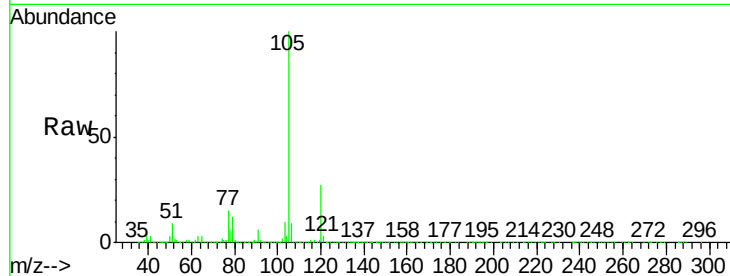




#73
Isopropylbenzene
Concen: 20.063 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

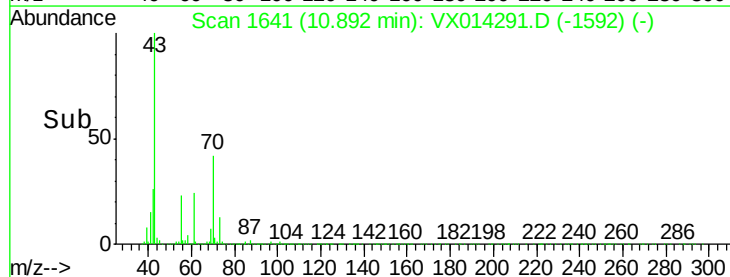
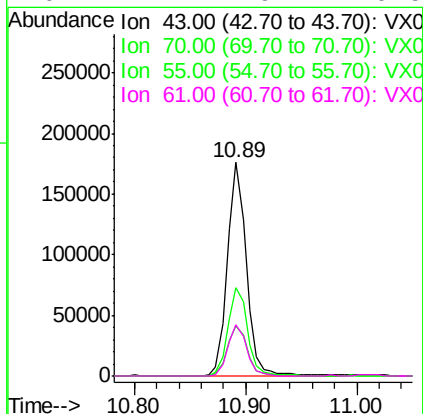
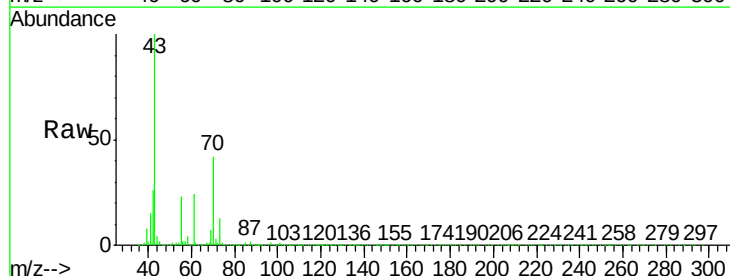
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

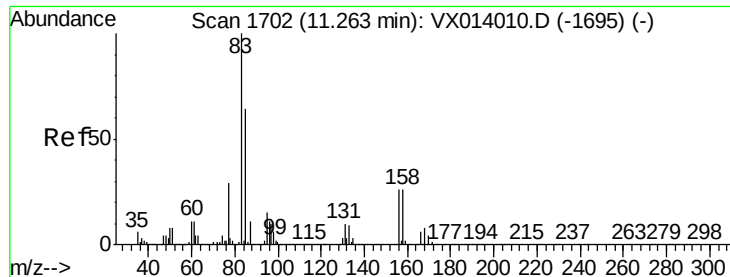
Tgt Ion: 105 Resp: 459302
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 19.229 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 43 Resp: 206344
Ion Ratio Lower Upper
43 100
70 43.0 34.4 51.6
55 24.7 19.1 28.7
61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.107 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

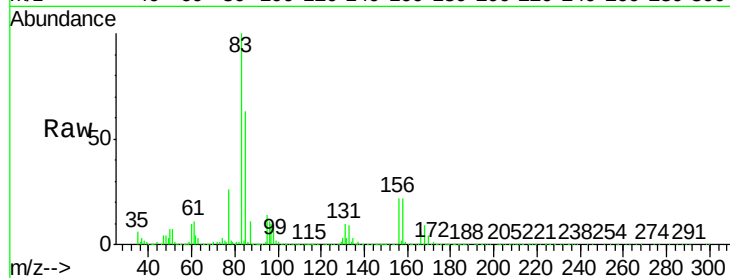
Tgt Ion: 83 Resp: 159586

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

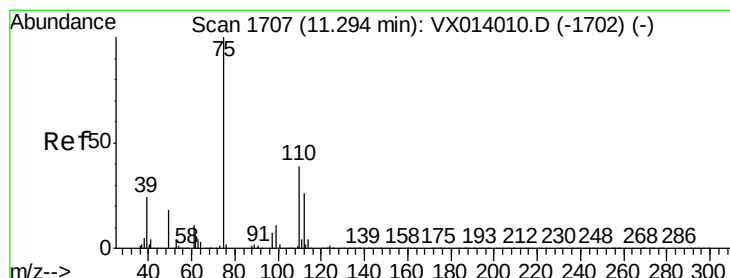
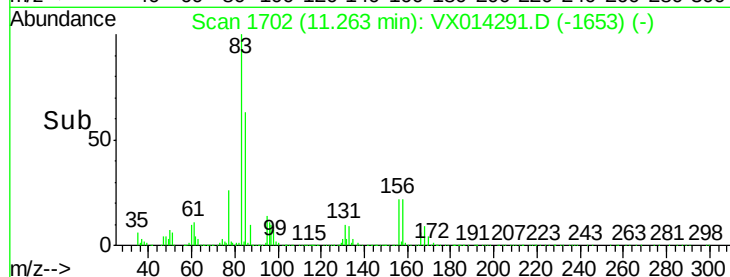
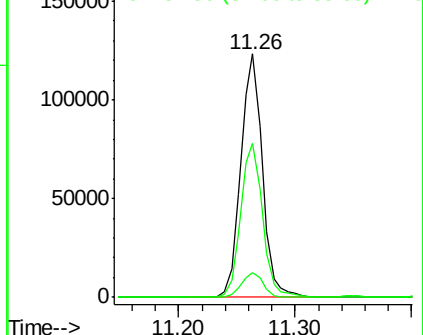
85 63.9 31.9 95.7



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: 24.460 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014291.D

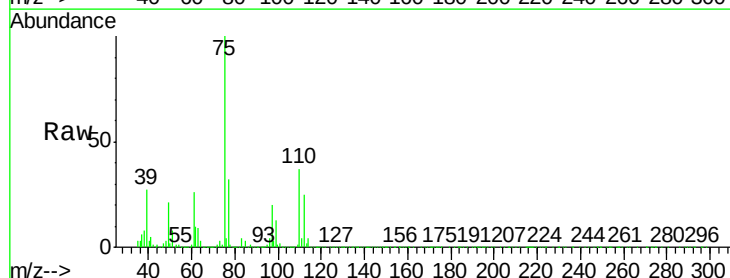
Acq: 27 Dec 2019 00:52

Tgt Ion: 75 Resp: 172663

Ion Ratio Lower Upper

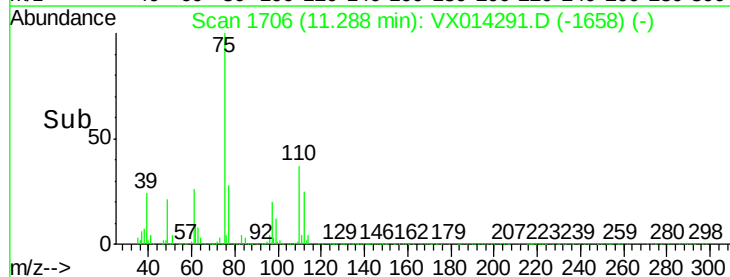
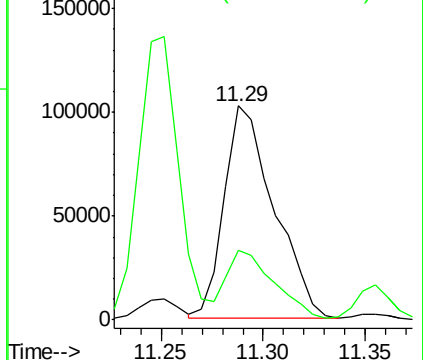
75 100

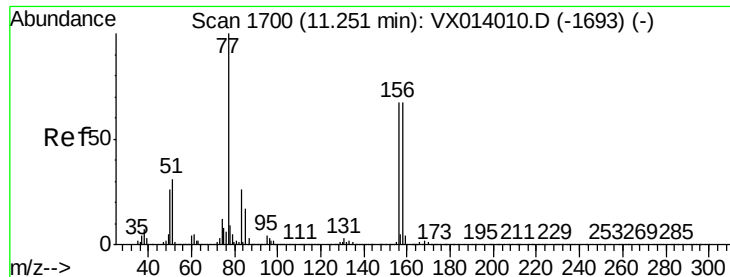
77 31.0 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.044 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

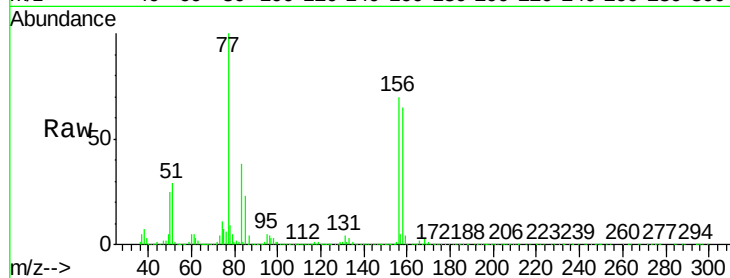
Tgt Ion: 156 Resp: 119956

Ion Ratio Lower Upper

156 100

77 154.7 76.5 229.5

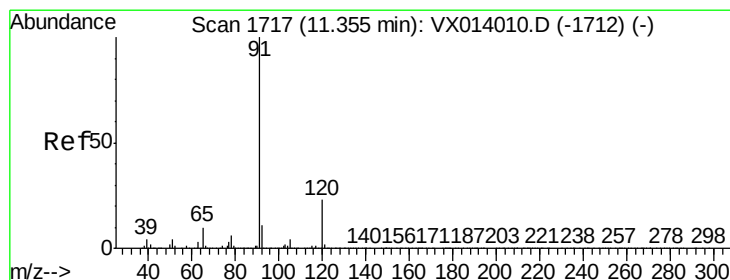
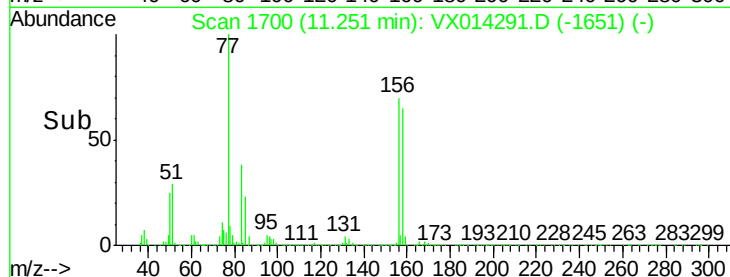
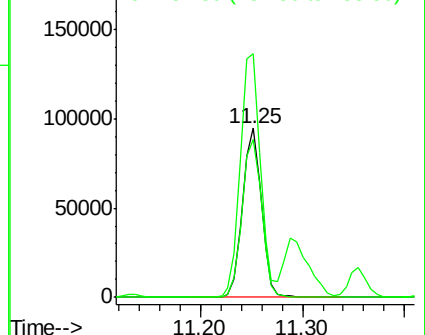
158 97.2 49.3 147.9



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: 19.793 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014291.D

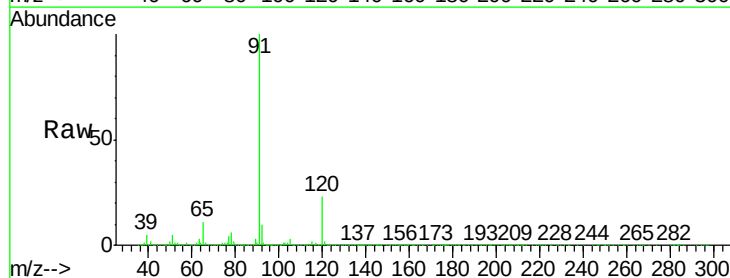
Acq: 27 Dec 2019 00:52

Tgt Ion: 91 Resp: 508265

Ion Ratio Lower Upper

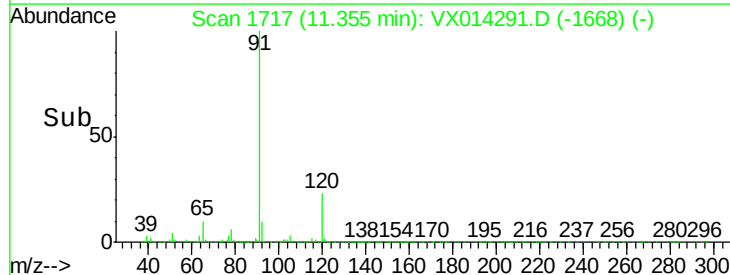
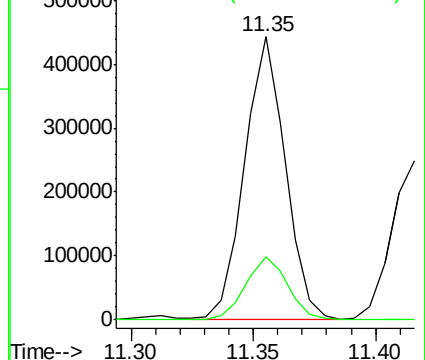
91 100

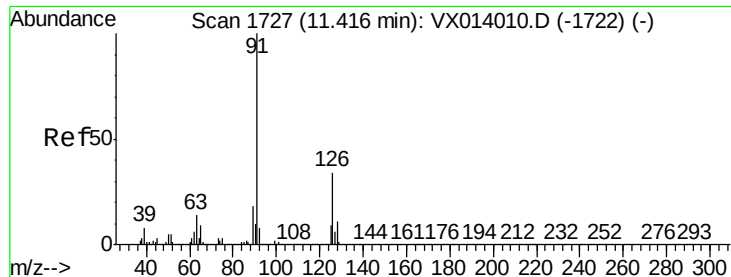
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.733 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

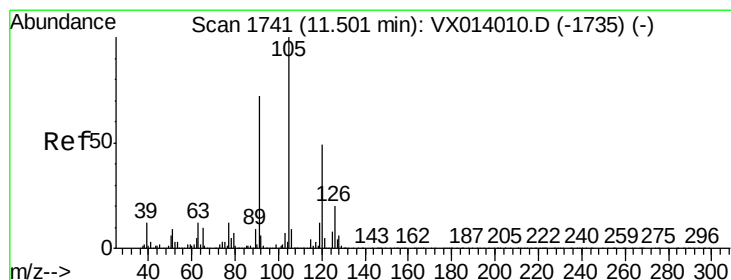
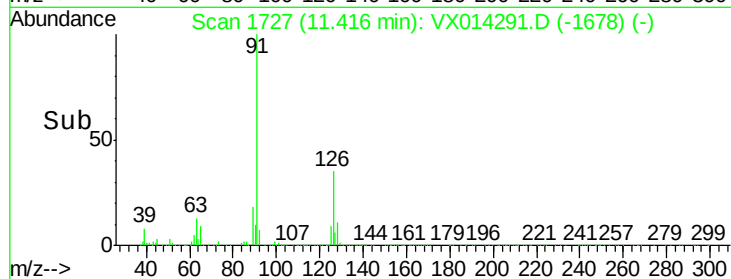
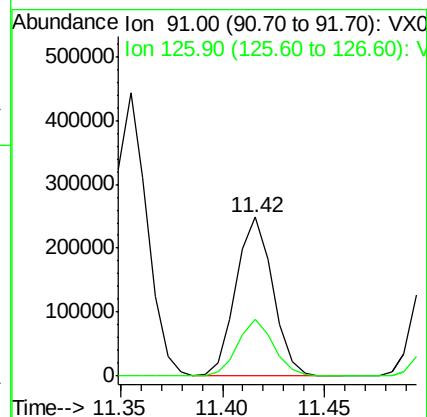
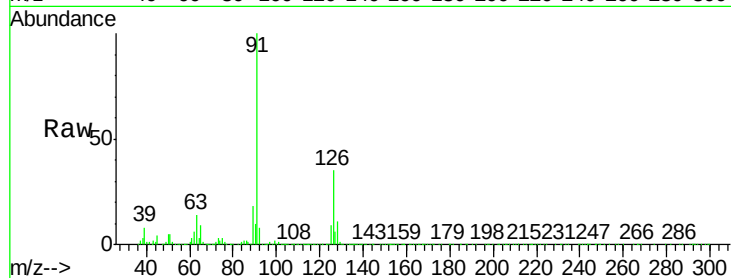
VX1226WBSD02

Tgt Ion: 91 Resp: 308030

Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.813 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014291.D

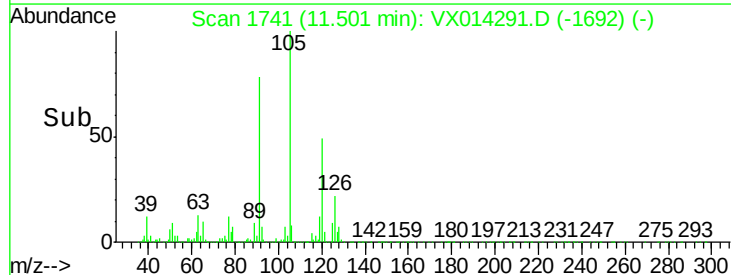
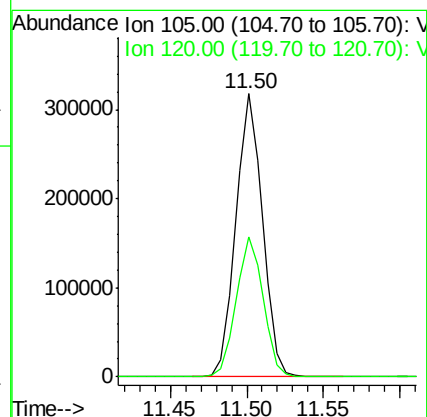
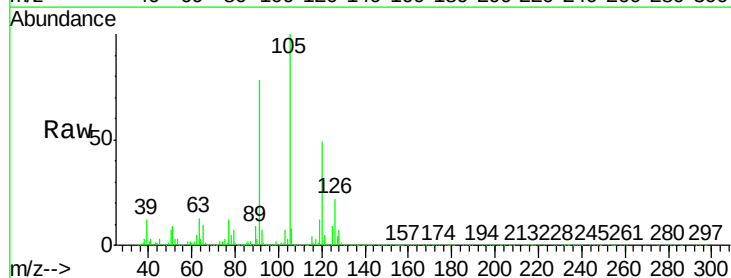
Acq: 27 Dec 2019 00:52

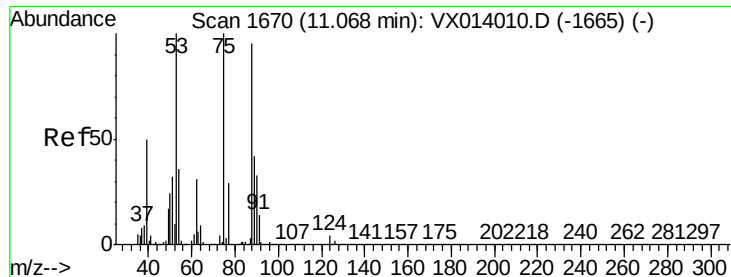
Tgt Ion: 105 Resp: 381746

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.068 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

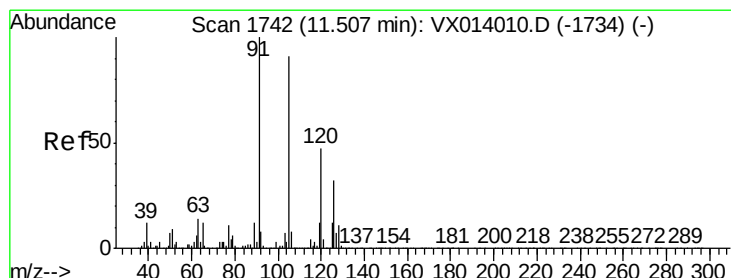
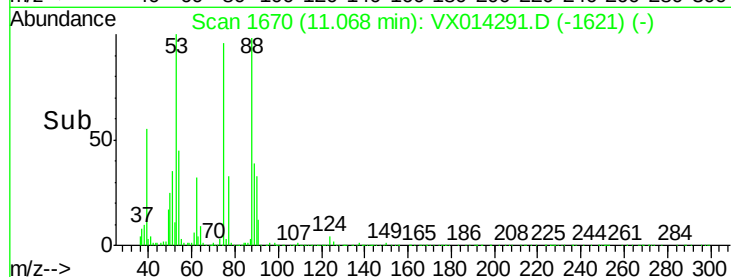
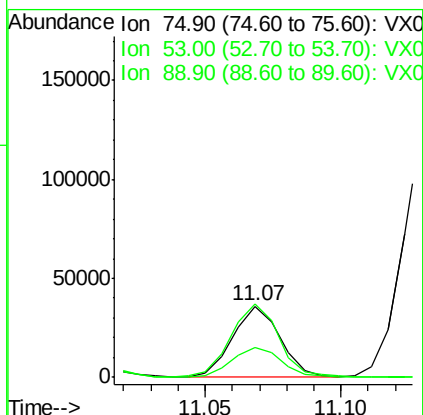
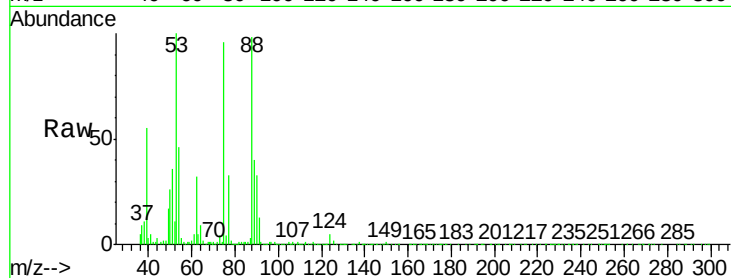
Tgt Ion: 75 Resp: 42686

Ion Ratio Lower Upper

75 100

53 104.6 76.7 115.1

89 44.9 34.6 51.8



#82

4-Chlorotoluene

Concen: 19.364 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014291.D

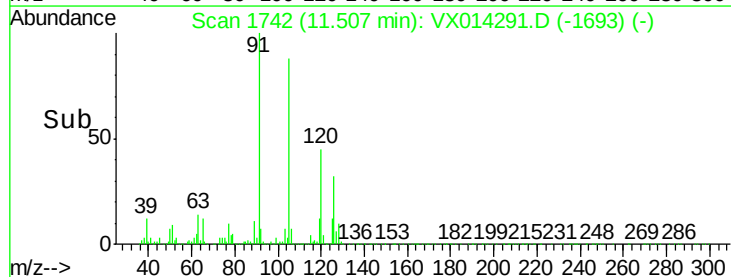
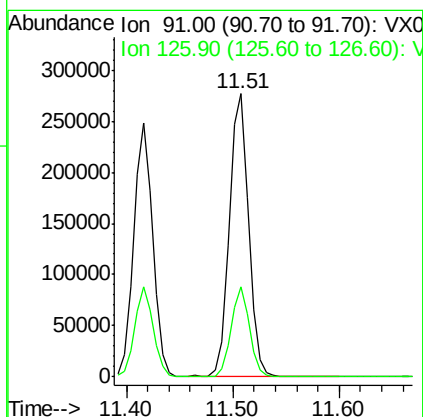
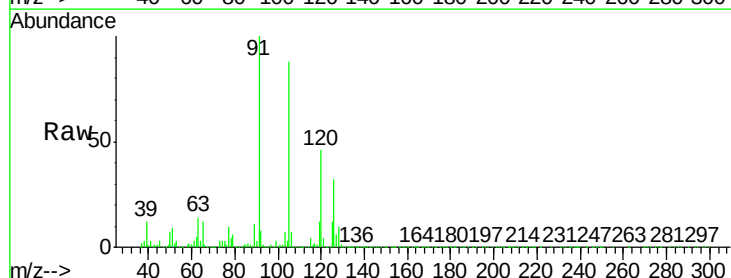
Acq: 27 Dec 2019 00:52

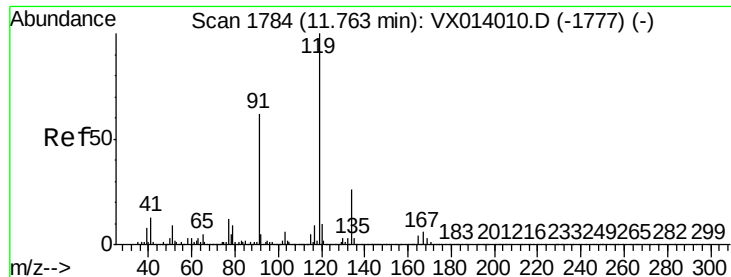
Tgt Ion: 91 Resp: 350618

Ion Ratio Lower Upper

91 100

126 30.3 15.6 46.8

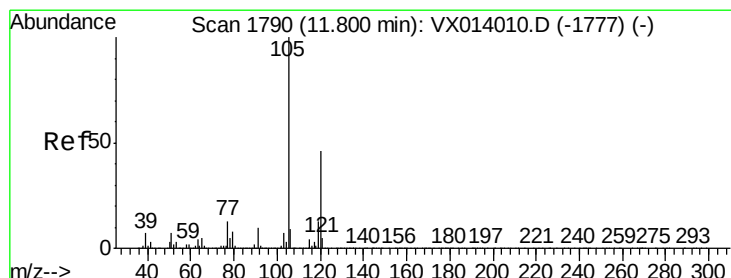
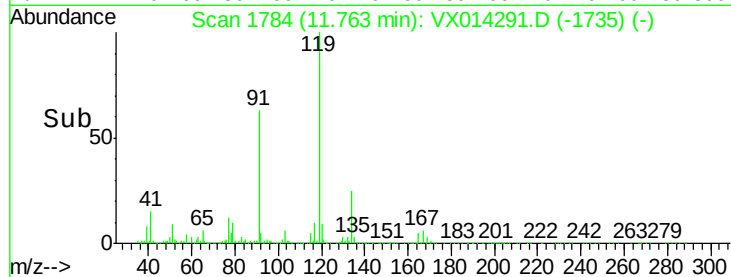
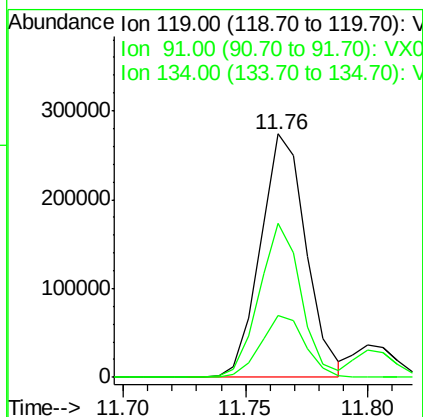
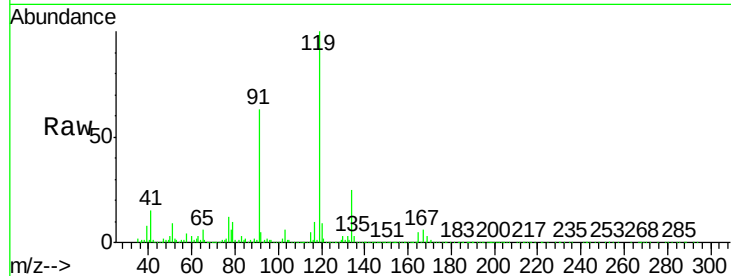




#83
 tert-Butylbenzene
 Concen: 19.055 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

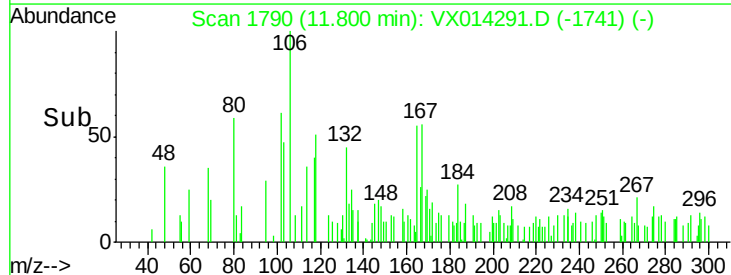
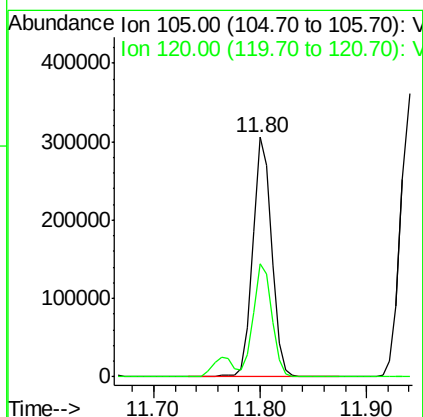
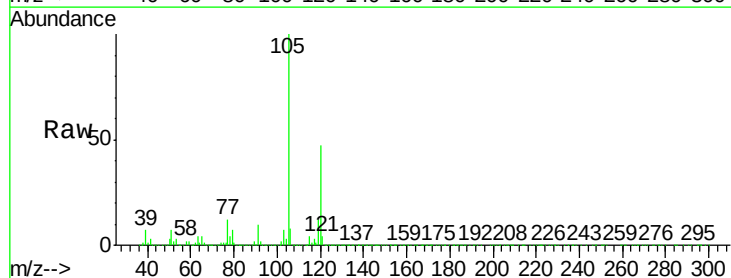
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

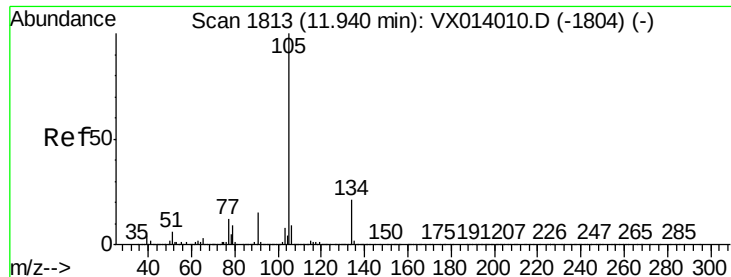
Tgt Ion:119 Resp: 357291
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.5 85.6
 134 24.8 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.744 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion:105 Resp: 380963
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.666 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

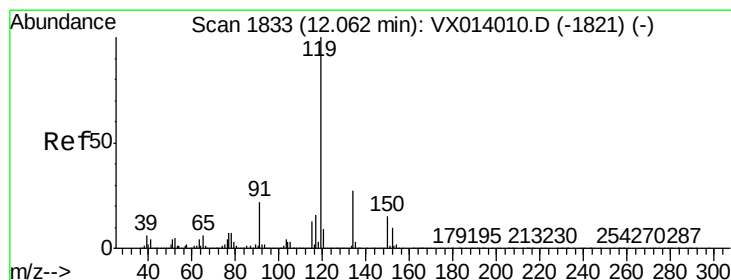
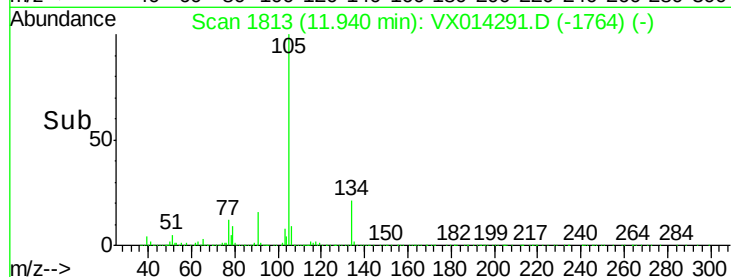
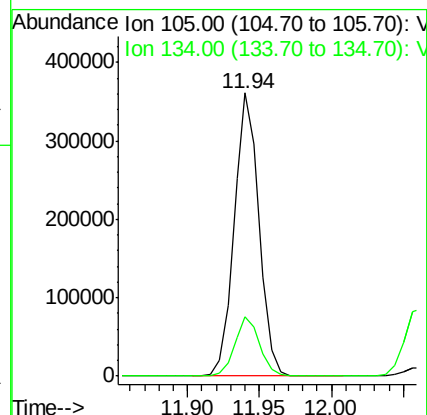
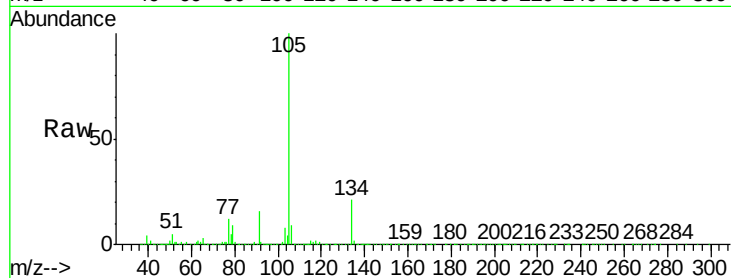
VX1226WBSD02

Tgt Ion:105 Resp: 435305

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.587 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

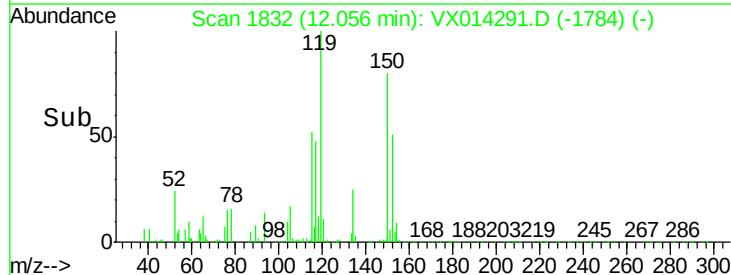
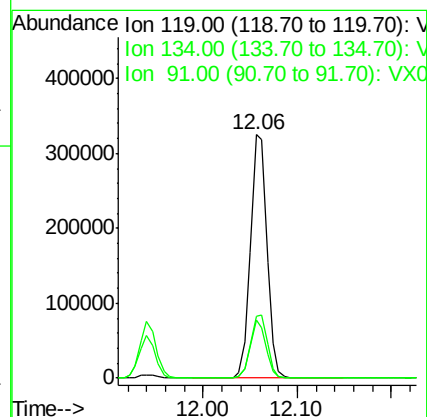
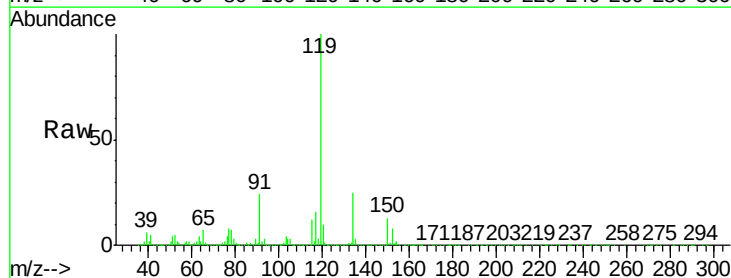
Tgt Ion:119 Resp: 396598

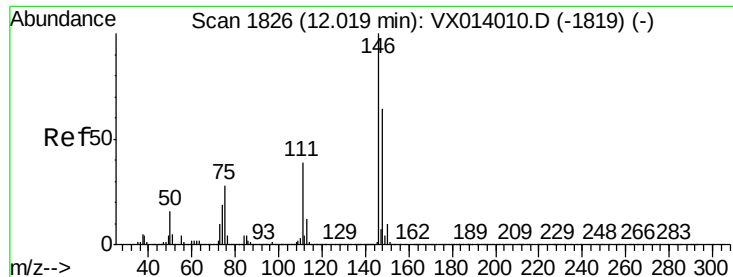
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.4 11.4 34.1

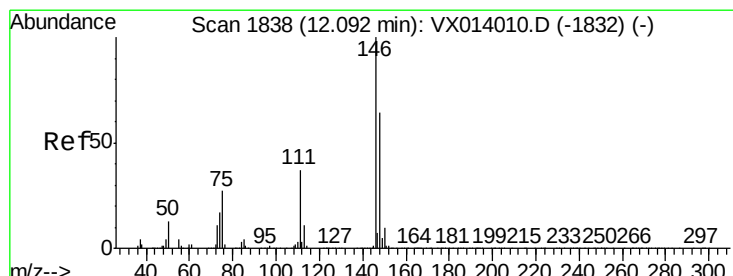
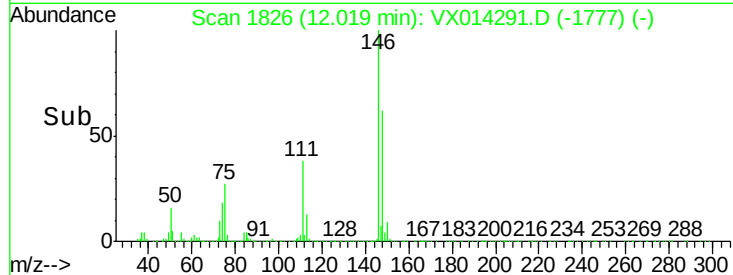
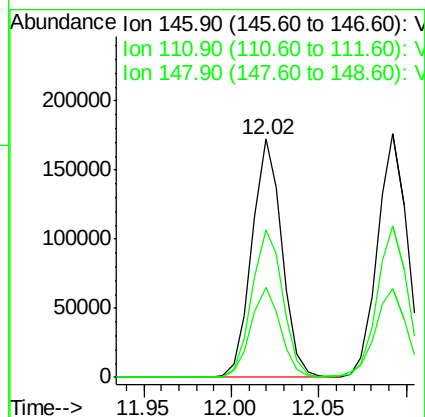
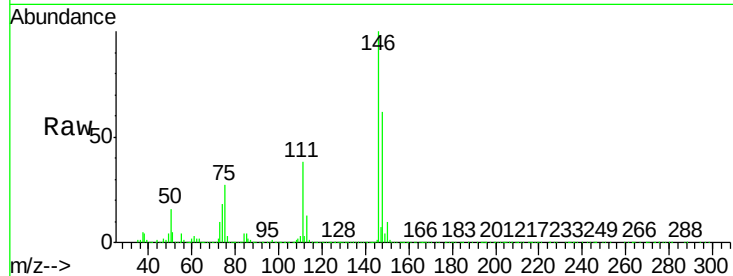




#87
 1,3-Dichlorobenzene
 Concen: 18.767 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

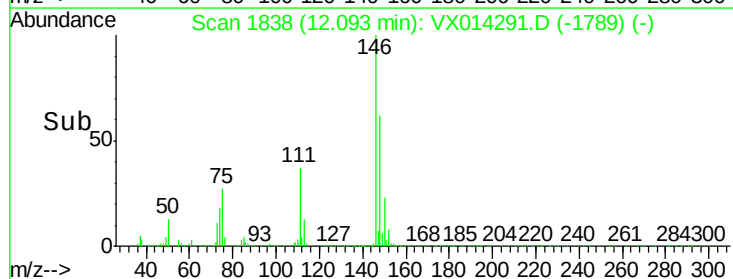
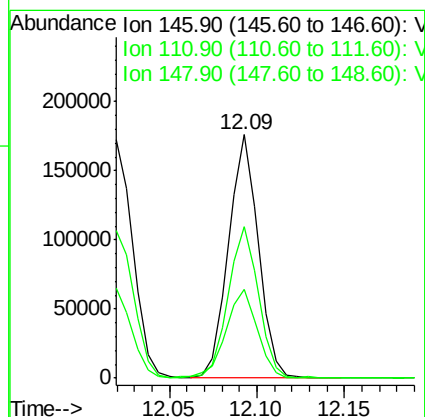
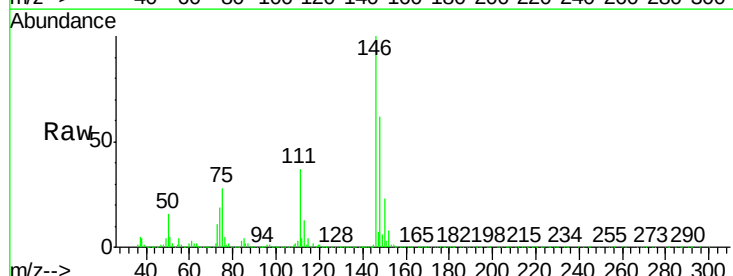
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

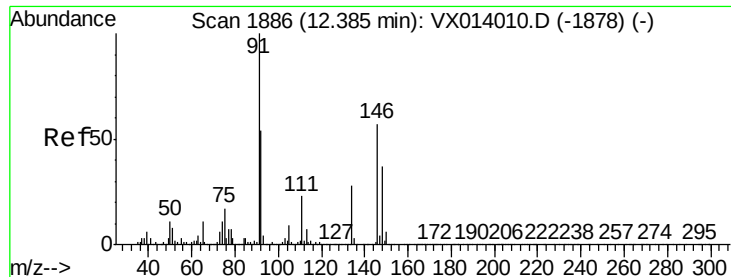
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.0	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 18.581 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014291.D
 Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	63.3	31.9	95.9

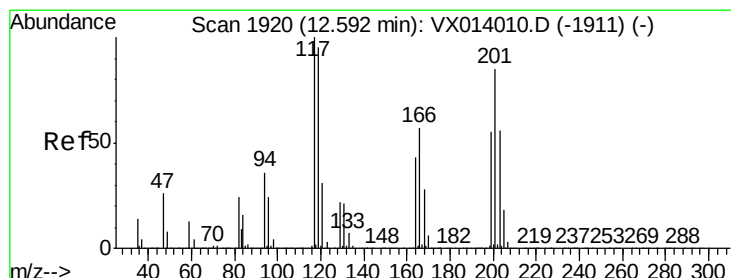
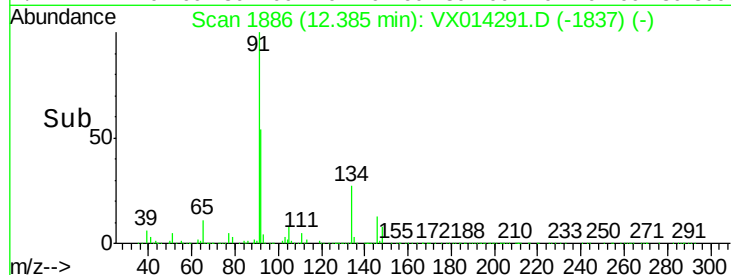
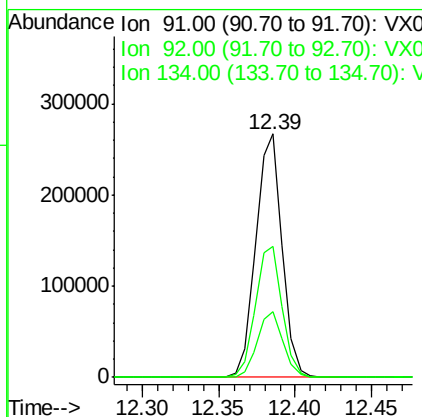
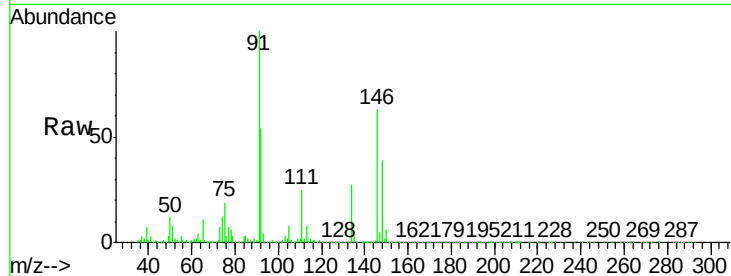




#89
n-Butylbenzene
Concen: 18.414 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

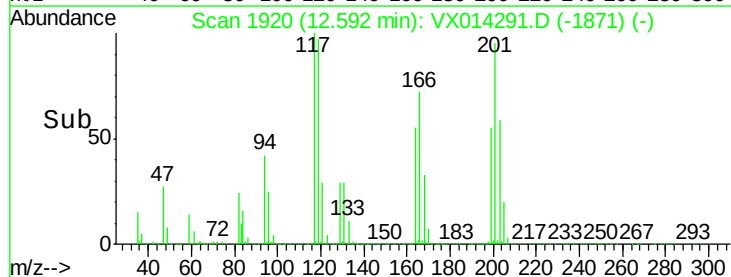
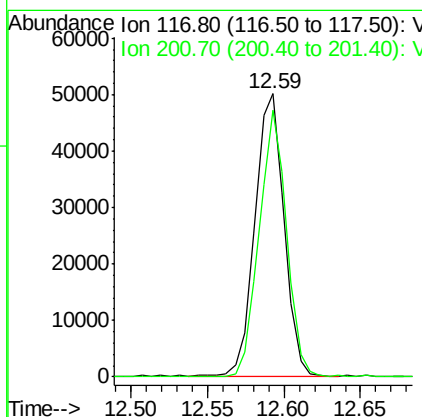
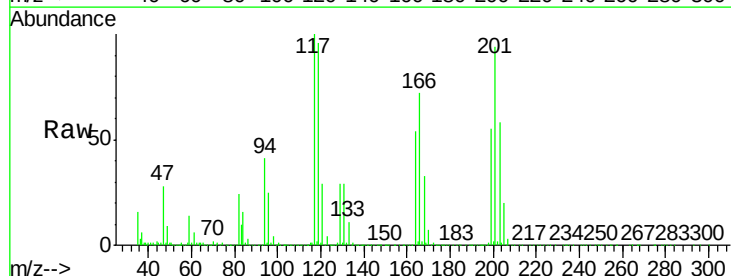
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

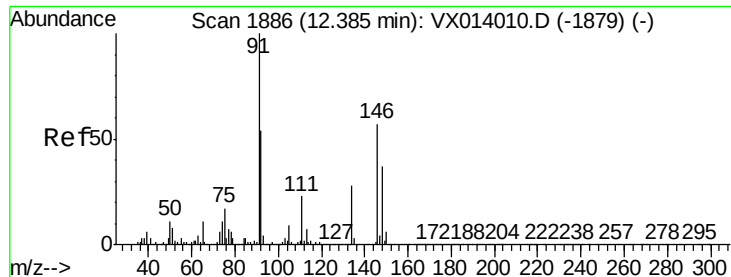
Tgt Ion: 91 Resp: 318126
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.6
134 26.5 13.4 40.1



#90
Hexachloroethane
Concen: 18.218 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion: 117 Resp: 66256
Ion Ratio Lower Upper
117 100
201 89.7 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.788 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD02

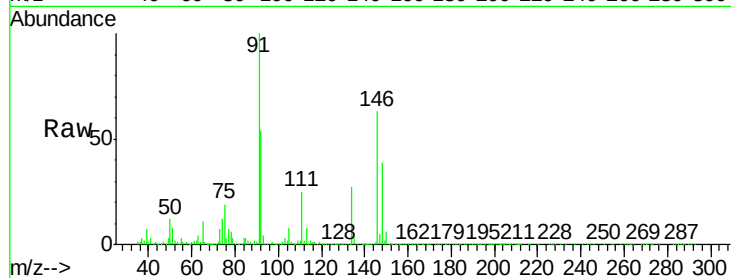
Tgt Ion:146 Resp: 208783

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

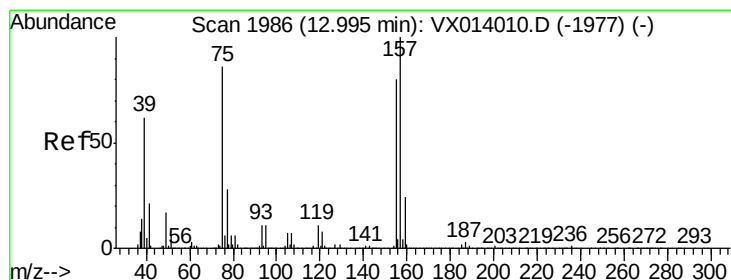
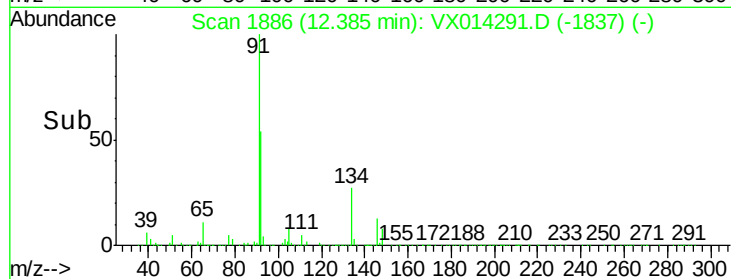
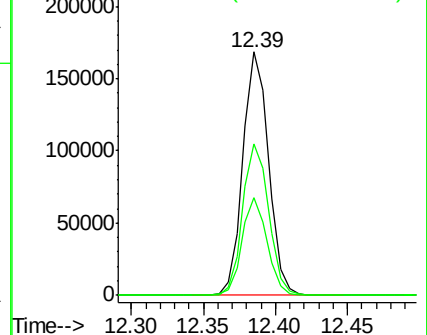
148 63.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.684 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014291.D

Acq: 27 Dec 2019 00:52

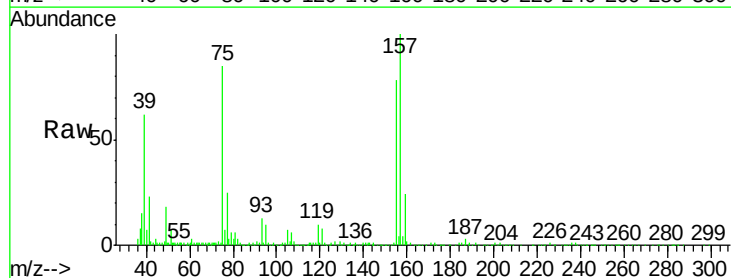
Tgt Ion: 75 Resp: 32817

Ion Ratio Lower Upper

75 100

155 92.4 46.9 140.6

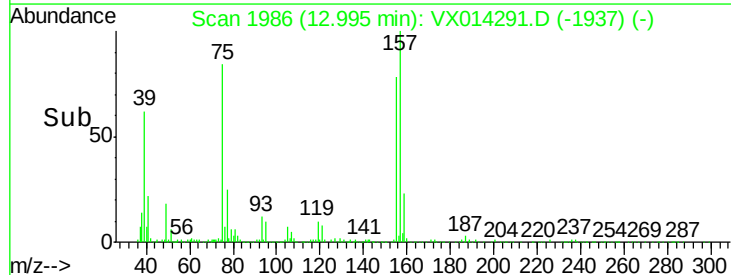
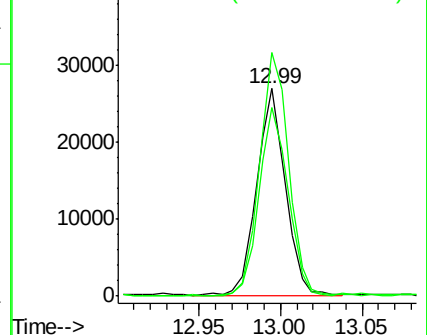
157 120.2 60.8 182.4

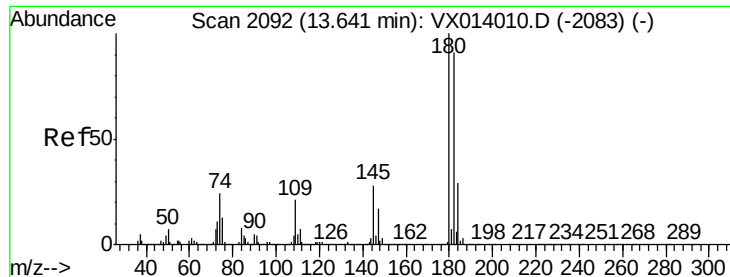


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

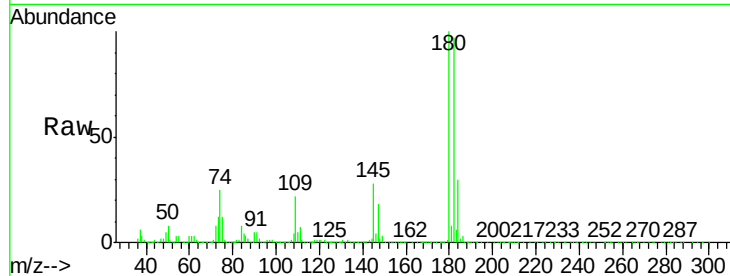




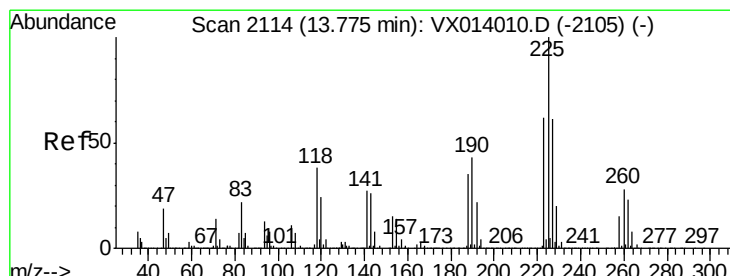
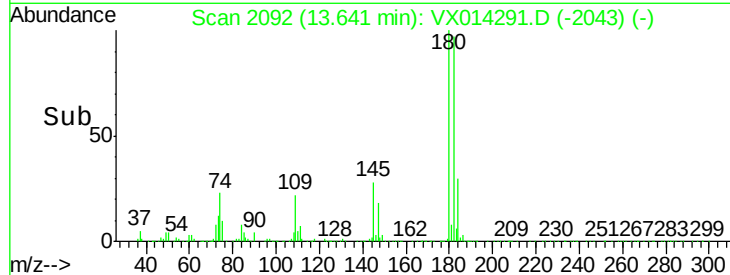
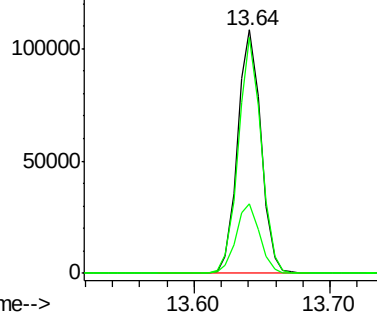
#93
1,2,4-Trichlorobenzene
Concen: 18.127 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.6	139.8
145	29.4	14.2	42.6

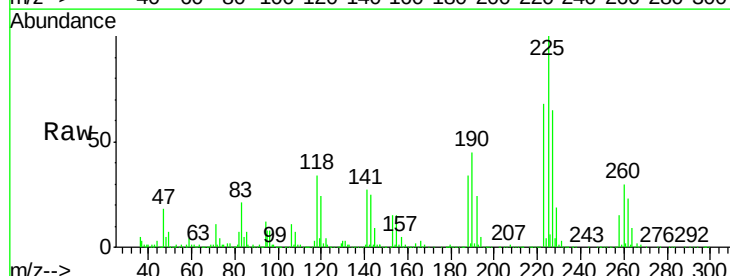


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

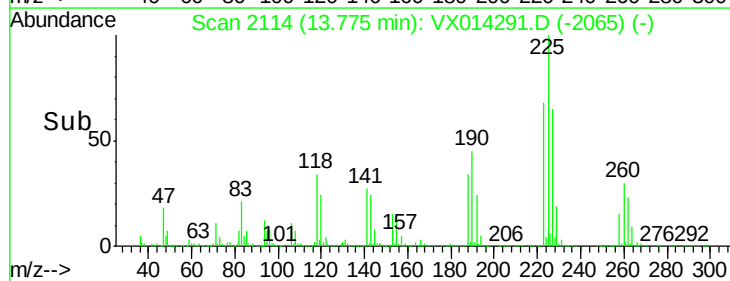
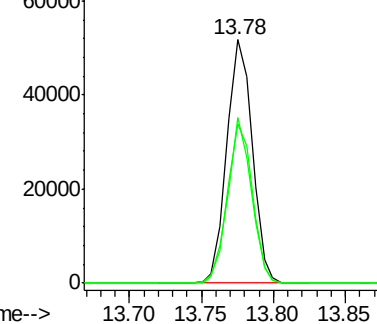


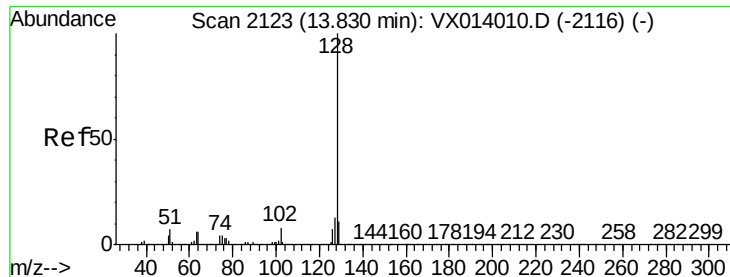
#94
Hexachlorobutadiene
Concen: 18.178 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.5
227	64.8	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

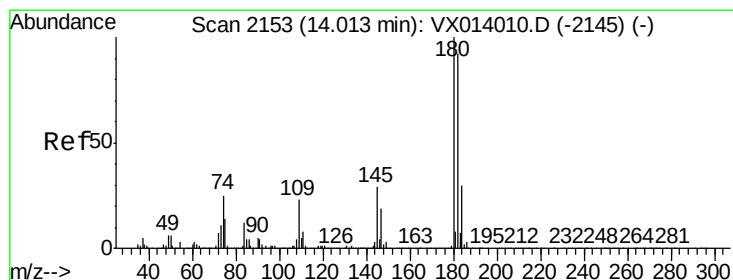
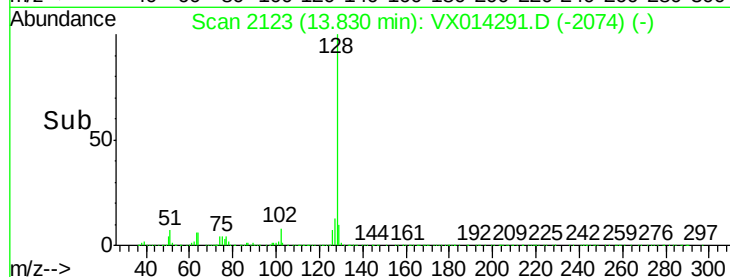
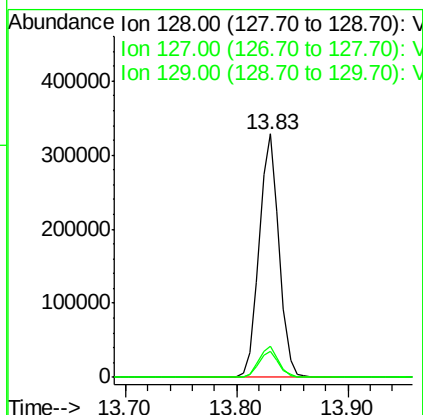
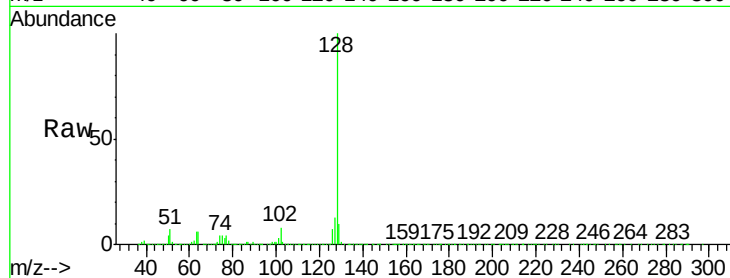




#95
Naphthalene
Concen: 19.311 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.927 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014291.D
Acq: 27 Dec 2019 00:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	30.8	14.8	44.4

