

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
 Data File : VX014290.D
 Acq On : 27 Dec 2019 00:29
 Operator : JC/SP
 Sample : VX1226WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Quant Time: Dec 27 06:08:14 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	463381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	737810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318800	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	281041	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
35) Dibromofluoromethane	5.49	113	229988	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	885958	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	310824	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	74235	17.907	ug/l	97
3) Chloromethane	1.32	50	109229	19.634	ug/l	99
4) Vinyl Chloride	1.40	62	111323	18.964	ug/l	99
5) Bromomethane	1.63	94	73381	17.612	ug/l	99
6) Chloroethane	1.72	64	73550	20.300	ug/l	96
7) Trichlorofluoromethane	1.92	101	142100	19.554	ug/l	99
8) Diethyl Ether	2.18	74	68806	20.175	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84968	19.397	ug/l	99
10) Methyl Iodide	2.50	142	94522	18.125	ug/l	98
11) Tert butyl alcohol	3.03	59	117518	103.559	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84653	18.991	ug/l	96
13) Acrolein	2.28	56	58657	90.299	ug/l	98
14) Allyl chloride	2.72	41	159262	20.011	ug/l	97
15) Acrylonitrile	3.13	53	296612	111.985	ug/l	99
16) Acetone	2.43	43	270013	79.194	ug/l	97
17) Carbon Disulfide	2.56	76	212505	17.665	ug/l	99
18) Methyl Acetate	2.77	43	154782	22.910	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	304545	20.792	ug/l	97
20) Methylene Chloride	2.85	84	107859	20.089	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	95577	19.463	ug/l	99
22) Diisopropyl ether	3.84	45	344826	21.743	ug/l	99
23) Vinyl Acetate	3.80	43	1332149	102.930	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181197	20.535	ug/l	98
25) 2-Butanone	4.65	43	417857	99.406	ug/l	99
26) 2,2-Dichloropropane	4.58	77	106860	15.598	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	110847	19.959	ug/l	98
28) Bromochloromethane	5.00	49	78642	23.418	ug/l	98
29) Tetrahydrofuran	5.11	42	264238	112.386	ug/l	99
30) Chloroform	5.20	83	173429	20.734	ug/l	97
31) Cyclohexane	5.57	56	154621	19.703	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	142408	19.976	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122791	18.138	ug/l	99
37) Ethyl Acetate	4.82	43	158815	21.244	ug/l	100
38) Carbon Tetrachloride	5.78	117	117147	18.995	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145615	17.420	ug/l	99
40) Benzene	6.14	78	406898	19.534	ug/l	99
41) Methacrylonitrile	5.03	41	86233	20.789	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139836	19.804	ug/l	99
43) Isopropyl Acetate	6.44	43	253877	20.520	ug/l	99
44) Trichloroethene	7.21	130	108397	18.840	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107174	20.074	ug/l	100
46) Dibromomethane	7.65	93	68017	19.269	ug/l	100
47) Bromodichloromethane	7.89	83	130927	19.695	ug/l	95
48) Methyl methacrylate	7.76	41	122705	20.254	ug/l	98
49) 1,4-Dioxane	7.73	88	52341	424.545	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	813977	104.761	ug/l	100
52) Toluene	8.78	92	250426	19.021	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	134799	18.492	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153541	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	108483	20.558	ug/l	99
56) Ethyl methacrylate	9.17	69	164470	19.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	181017	20.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	327073	104.268	ug/l	99
59) 2-Hexanone	9.48	43	621440	99.355	ug/l	99
60) Dibromochloromethane	9.57	129	102848	19.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109327	20.250	ug/l	99
64) Tetrachloroethene	9.33	164	128096	21.907	ug/l	99
65) Chlorobenzene	10.14	112	267767	19.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	98072	19.549	ug/l	99
67) Ethyl Benzene	10.25	91	469287	19.428	ug/l	99
68) m/p-Xylenes	10.36	106	348756	37.539	ug/l	97
69) o-Xylene	10.70	106	173128	19.001	ug/l	98
70) Styrene	10.71	104	289583	18.795	ug/l	98
71) Bromoform	10.85	173	77033	19.103	ug/l	99
73) Isopropylbenzene	11.01	105	455939	20.313	ug/l	100
74) N-amyl acetate	10.89	43	210582	20.015	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158045	20.309	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	173186	25.023	ug/l	88
77) Bromobenzene	11.25	156	118489	19.186	ug/l	99
78) n-propylbenzene	11.35	91	504153	20.024	ug/l	99
79) 2-Chlorotoluene	11.42	91	306626	20.035	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	371966	19.691	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43062	17.561	ug/l	92
82) 4-Chlorotoluene	11.51	91	345135	19.441	ug/l	100
83) tert-Butylbenzene	11.76	119	346549	18.851	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	376323	19.892	ug/l	100
85) sec-Butylbenzene	11.94	105	423317	19.506	ug/l	99
86) p-Isopropyltoluene	12.06	119	389886	19.640	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205083	18.948	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201554	18.314	ug/l	99
89) n-Butylbenzene	12.39	91	315513	18.626	ug/l	99
90) Hexachloroethane	12.59	117	66978	18.784	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	206375	18.941	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32949	19.133	ug/l	99

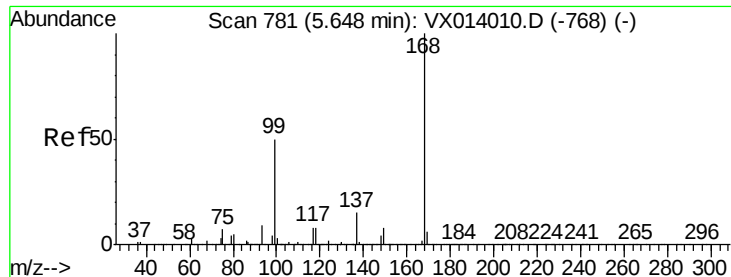
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128438	18.137	ug/l	97
94) Hexachlorobutadiene	13.78	225	61261	18.000	ug/l	96
95) Naphthalene	13.83	128	410395	19.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134358	19.220	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

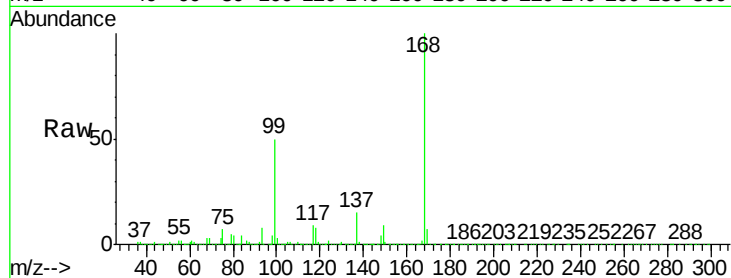
VX1226WBS02

Tgt Ion:168 Resp: 463381

Ion Ratio Lower Upper

168 100

99 49.5 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

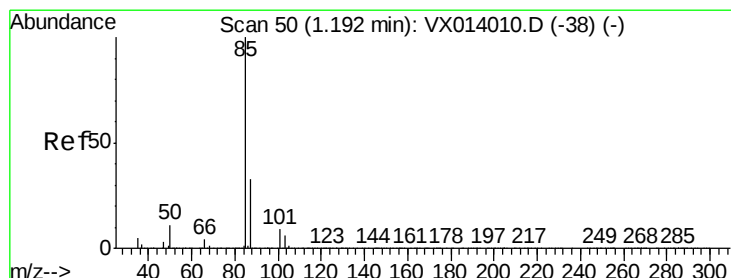
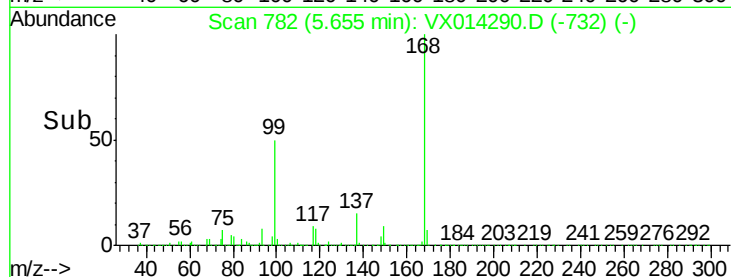
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.907 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014290.D

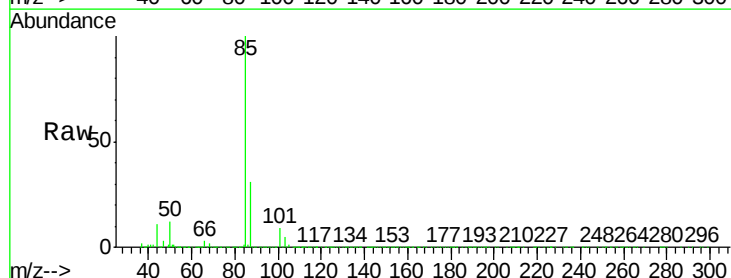
Acq: 27 Dec 2019 00:29

Tgt Ion: 85 Resp: 74235

Ion Ratio Lower Upper

85 100

87 31.0 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

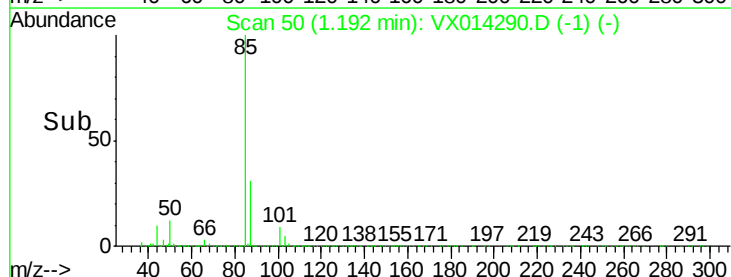
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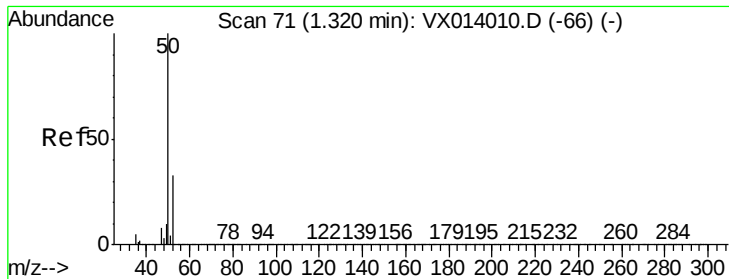
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Time-->

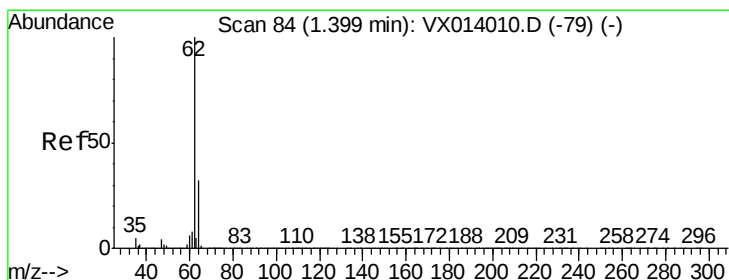
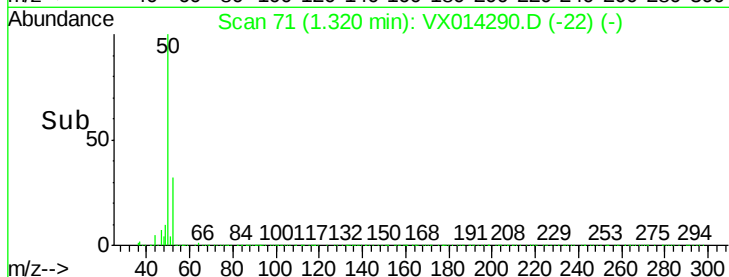
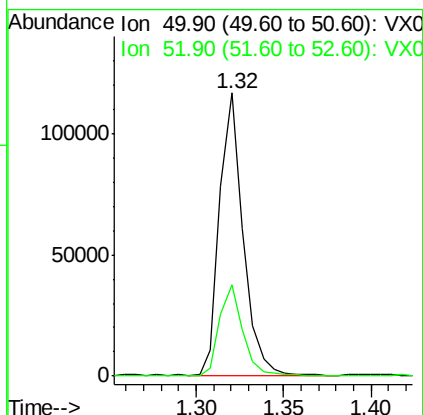
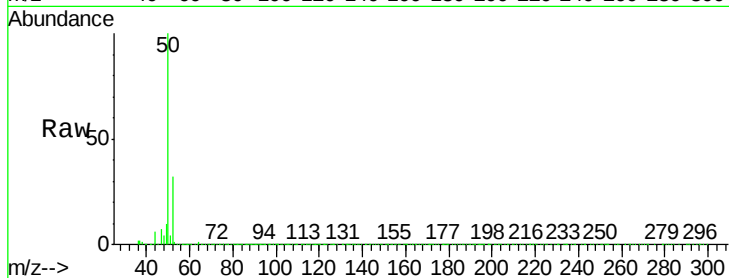




#3
Chloromethane
Concen: 19.634 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

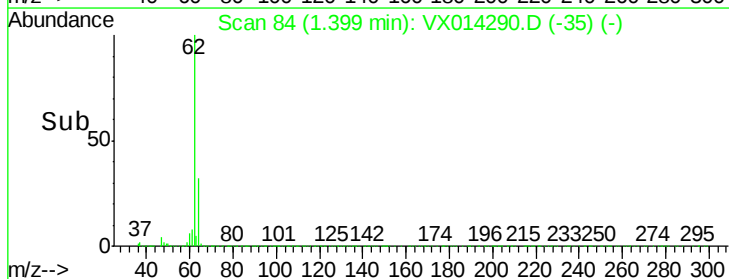
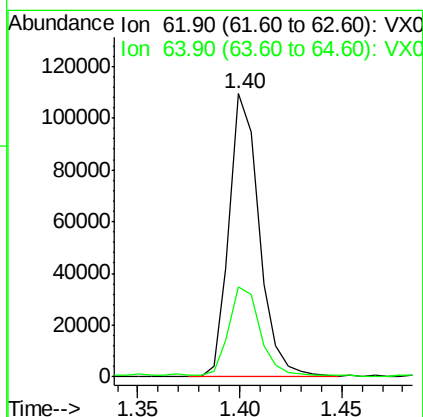
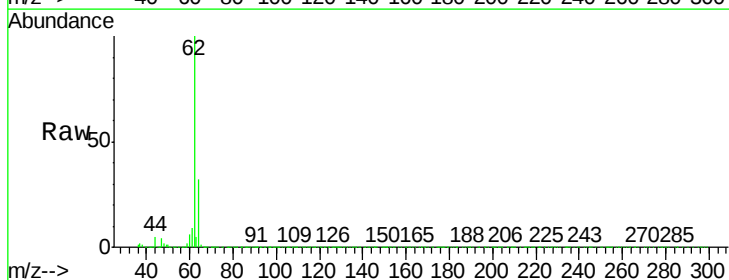
Instrument :
MSVOA_X
ClientSampled :
VX1226WBS02

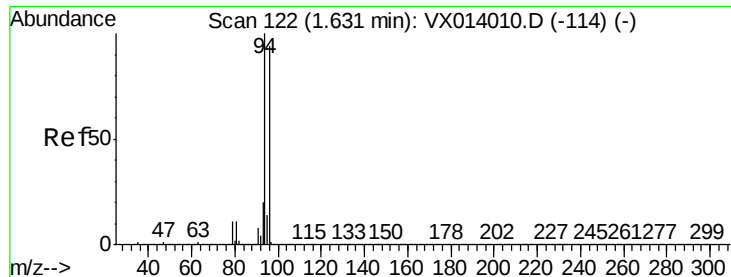
Tgt Ion: 50 Resp: 109229
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.4



#4
Vinyl Chloride
Concen: 18.964 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 62 Resp: 111323
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5





#5

Bromomethane

Concen: 17.612 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

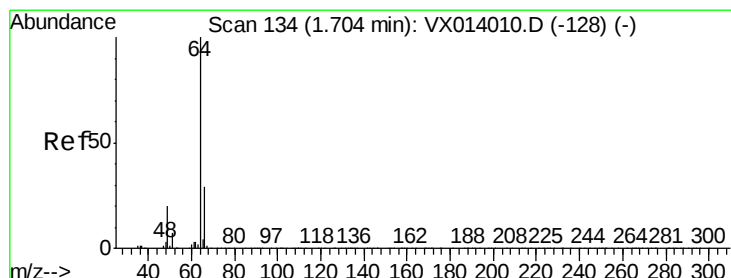
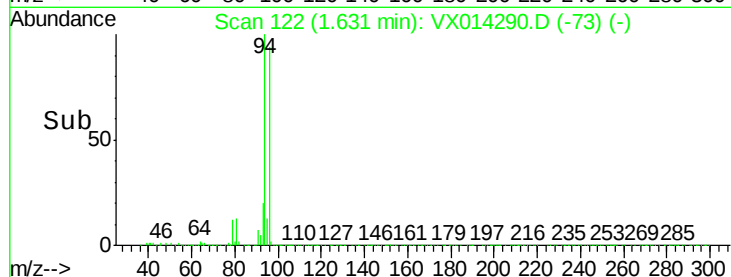
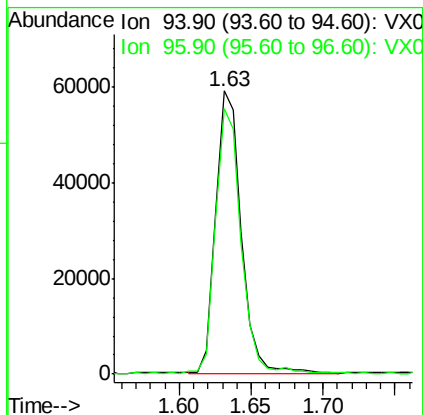
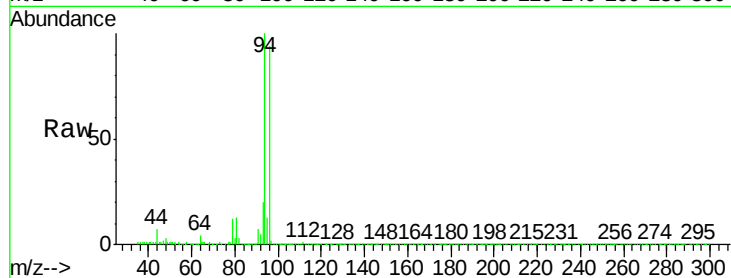
VX1226WBS02

Tgt Ion: 94 Resp: 73381

Ion Ratio Lower Upper

94 100

96 93.5 75.2 112.8



#6

Chloroethane

Concen: 20.300 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014290.D

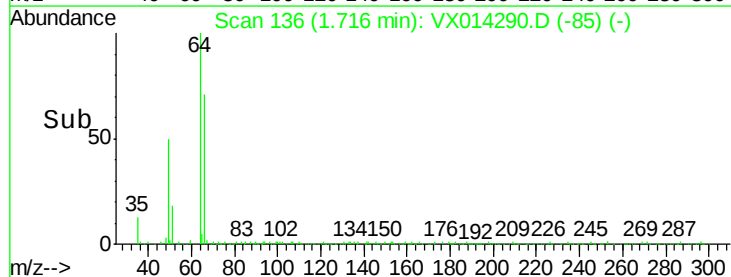
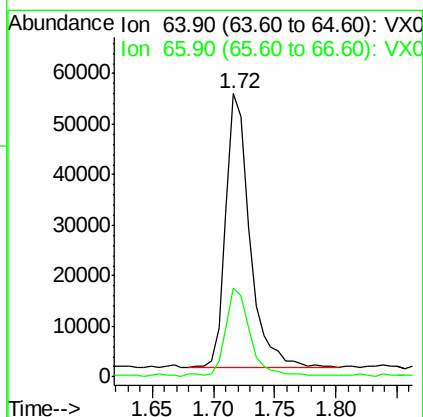
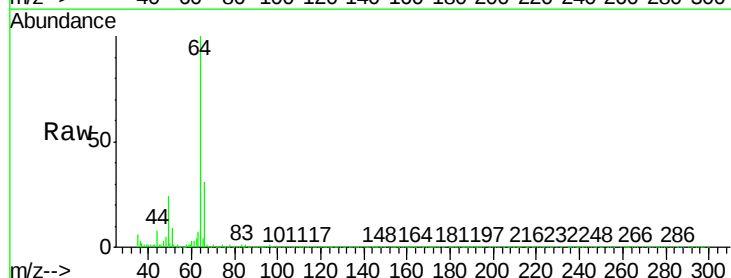
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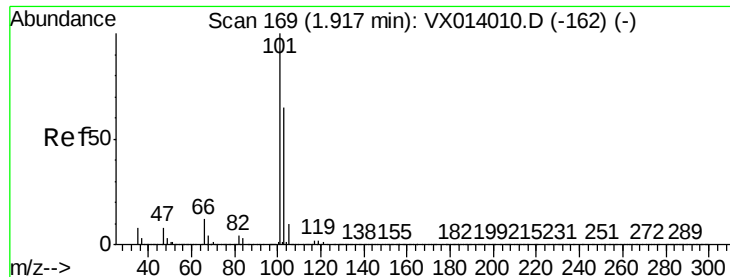
Tgt Ion: 64 Resp: 73550

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.2



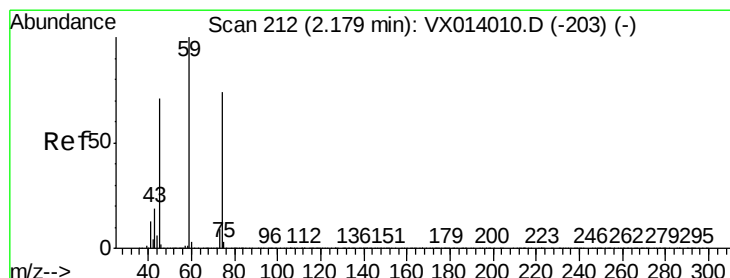
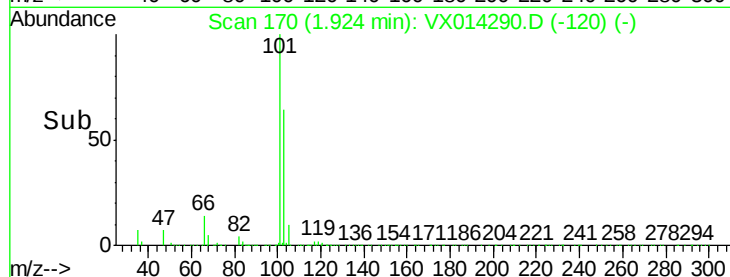
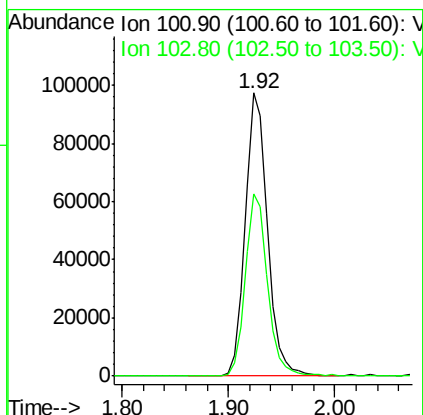
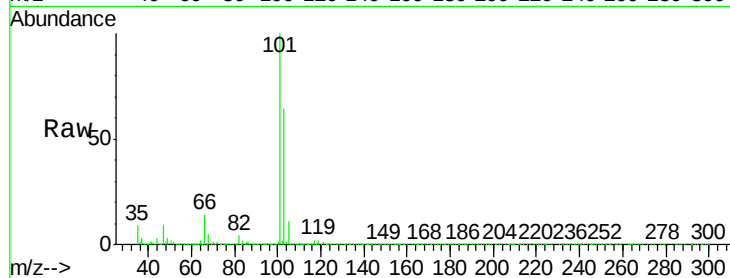


#7

Trichlorofluoromethane
Concen: 19.554 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

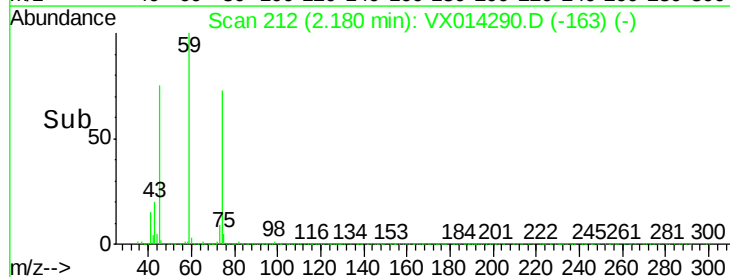
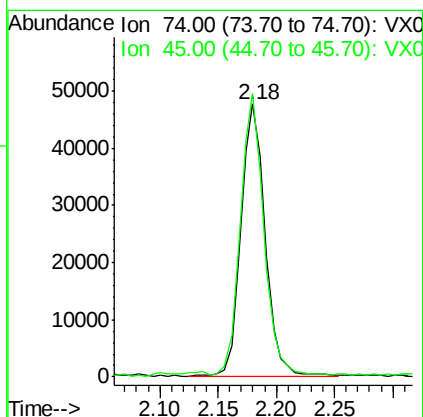
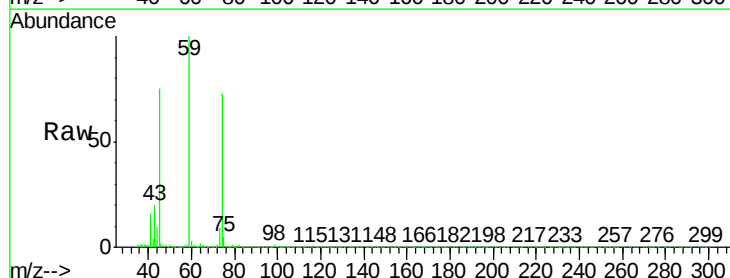
Tgt Ion:101 Resp: 142100
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4



#8

Diethyl Ether
Concen: 20.175 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 74 Resp: 68806
Ion Ratio Lower Upper
74 100
45 99.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.397 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

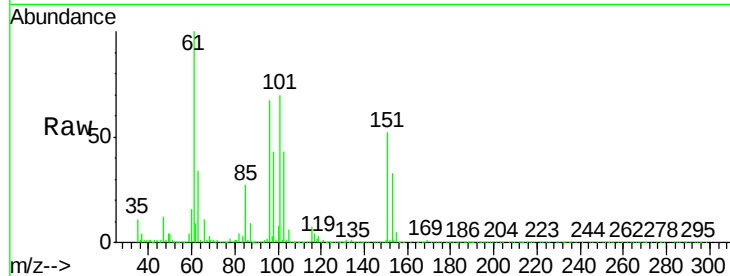
Tgt Ion:101 Resp: 84968

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

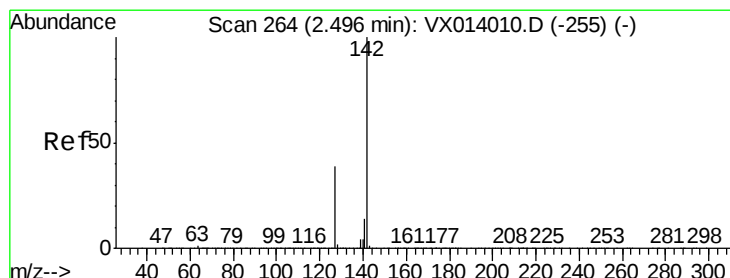
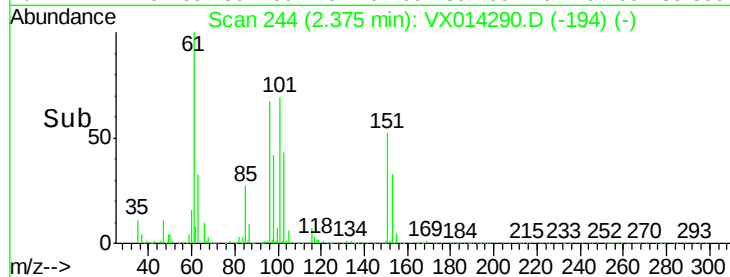
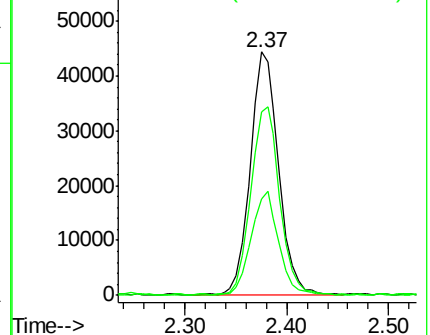
151 79.5 64.5 96.7



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: 18.125 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

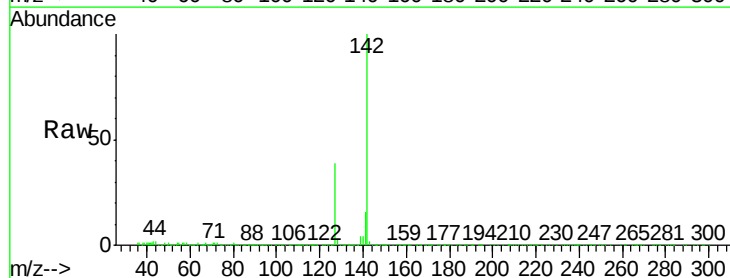
Tgt Ion:142 Resp: 94522

Ion Ratio Lower Upper

142 100

127 38.0 31.6 47.4

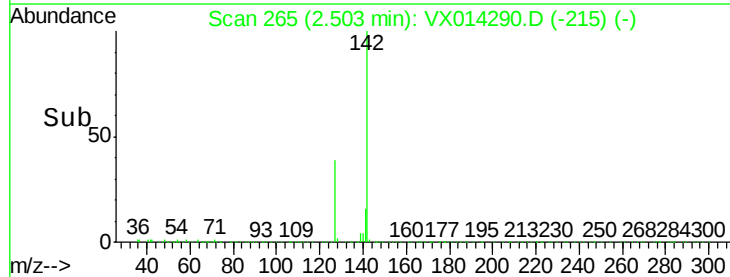
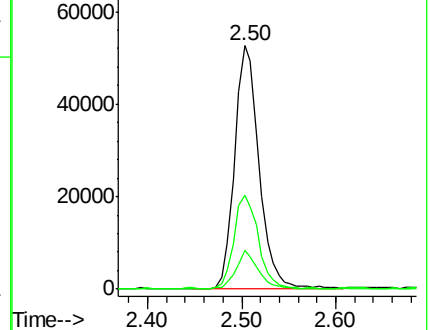
141 14.3 11.6 17.4

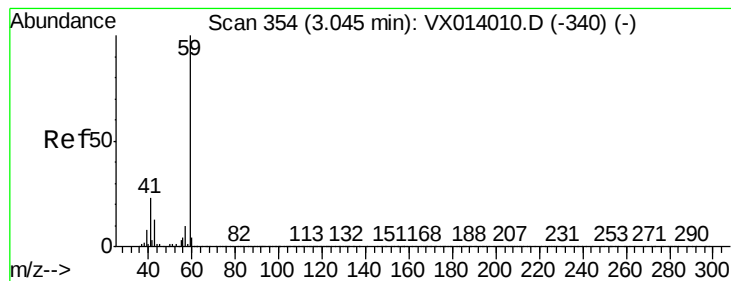


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



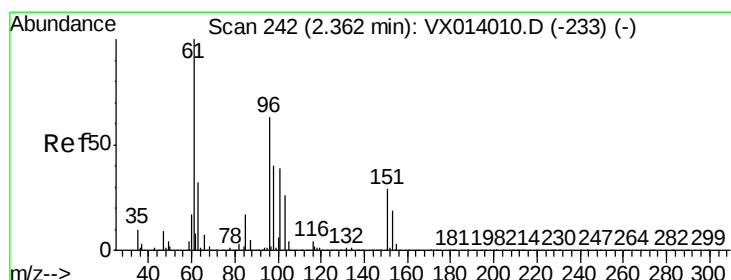
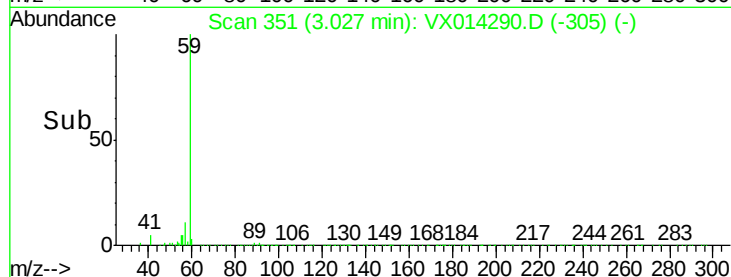
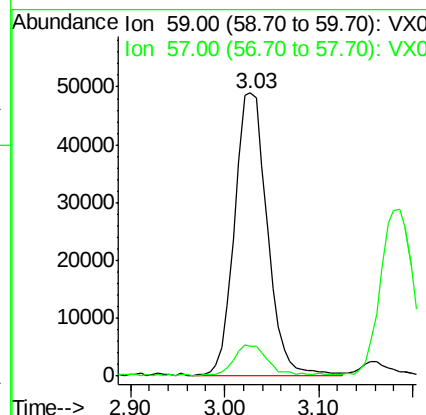
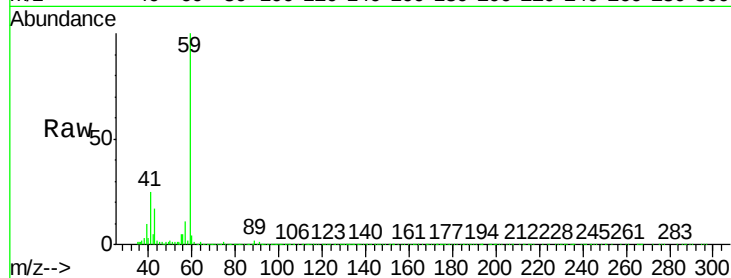


#11

Tert butyl alcohol
Concen: 103.559 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampled :
VX1226WBS02

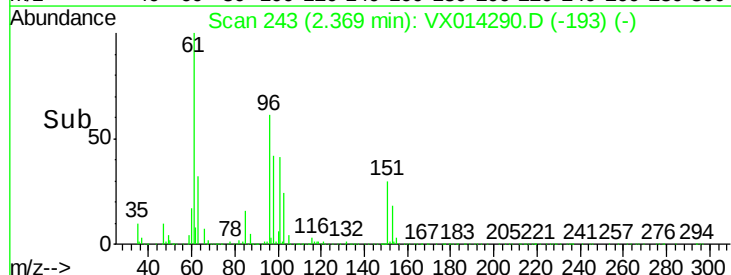
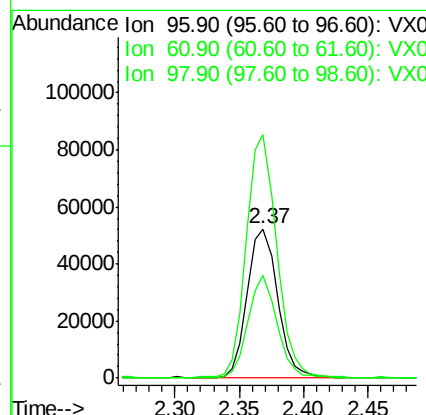
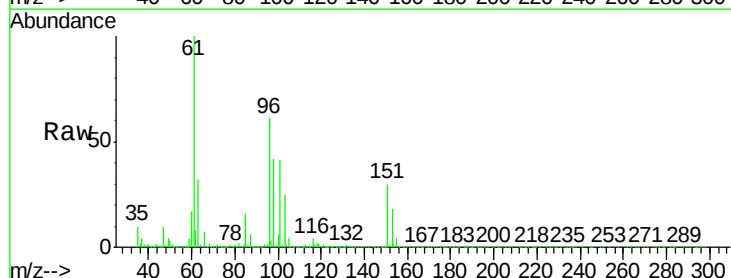
Tgt Ion: 59 Resp: 117518
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

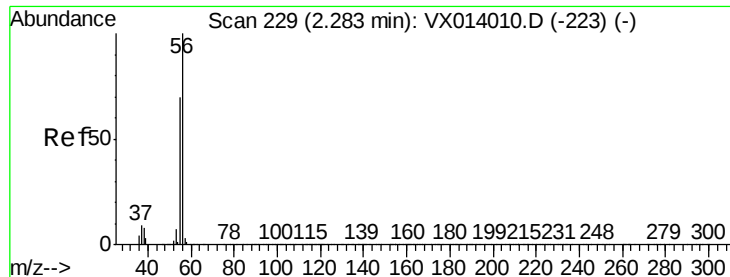


#12

1,1-Dichloroethene
Concen: 18.991 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 96 Resp: 84653
Ion Ratio Lower Upper
96 100
61 163.6 127.9 191.9
98 69.0 50.5 75.7





#13

Acrolein

Concen: 90.299 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

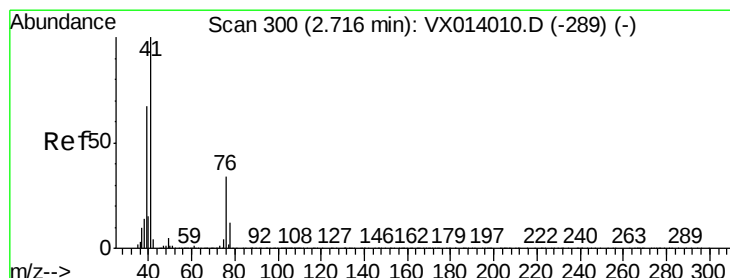
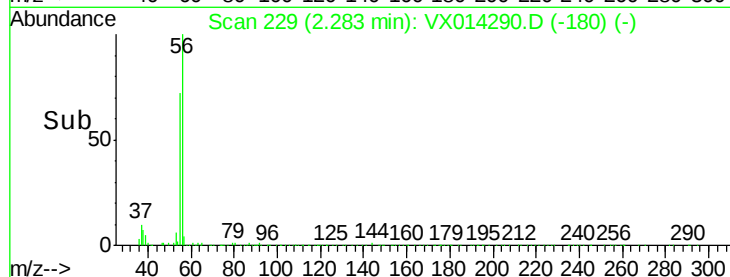
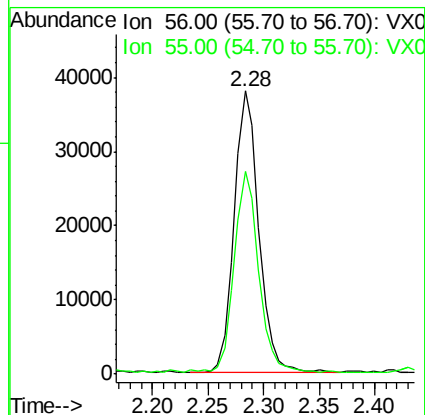
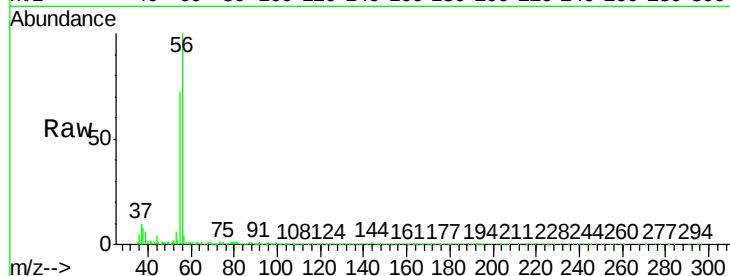
VX1226WBS02

Tgt Ion: 56 Resp: 58657

Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3



#14

Allyl chloride

Concen: 20.011 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

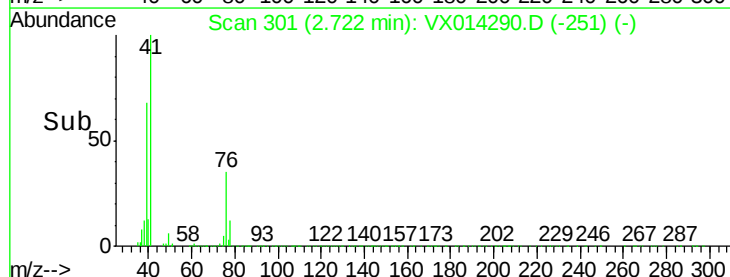
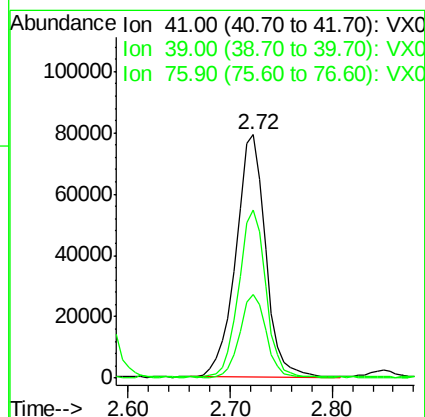
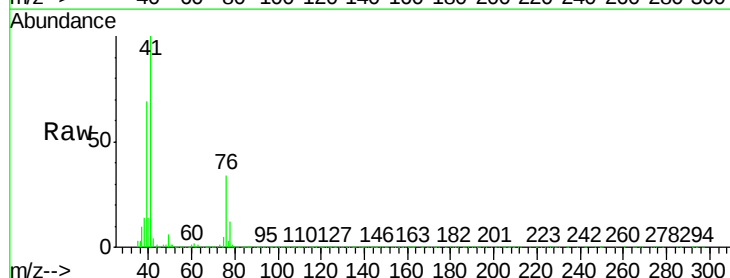
Tgt Ion: 41 Resp: 159262

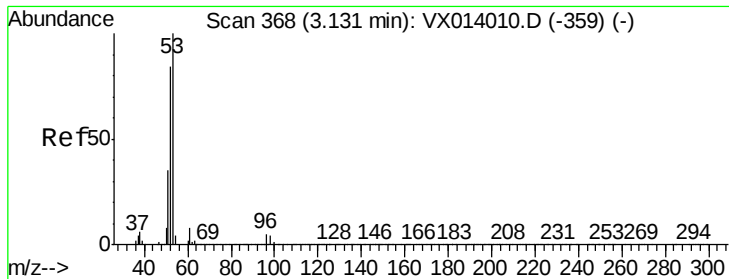
Ion Ratio Lower Upper

41 100

39 63.0 51.8 77.8

76 30.4 25.9 38.9





#15

Acrylonitrile

Concen: 111.985 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

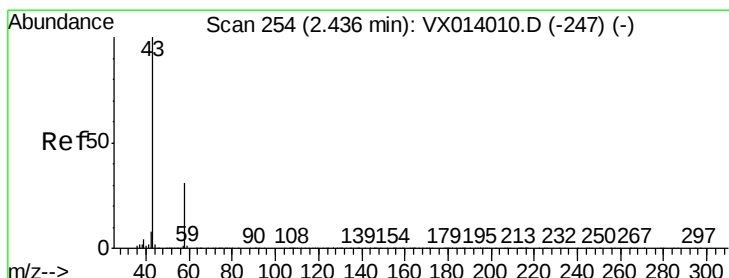
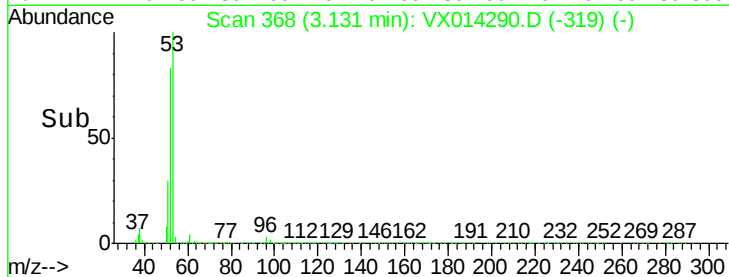
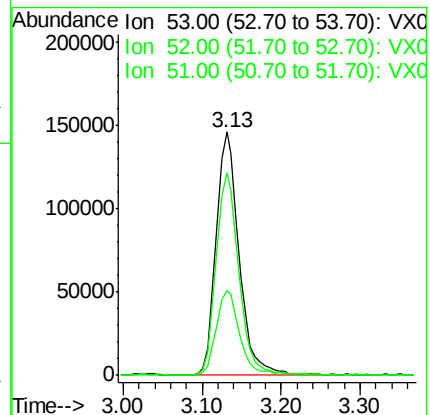
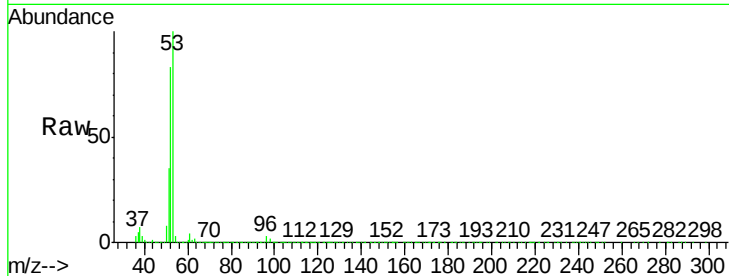
Tgt Ion: 53 Resp: 296612

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

51 35.6 28.1 42.1



#16

Acetone

Concen: 79.194 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014290.D

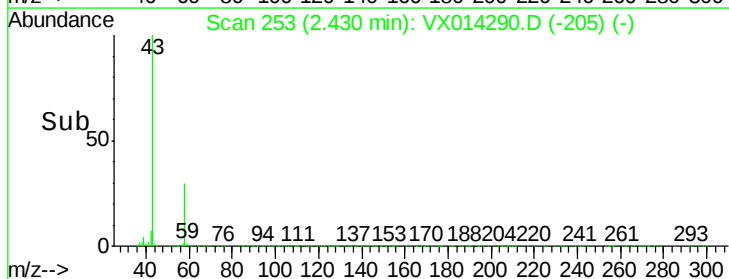
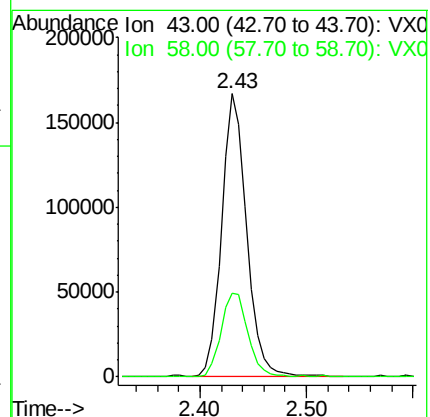
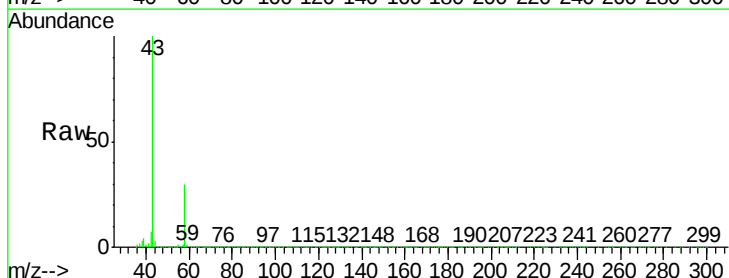
Acq: 27 Dec 2019 00:29

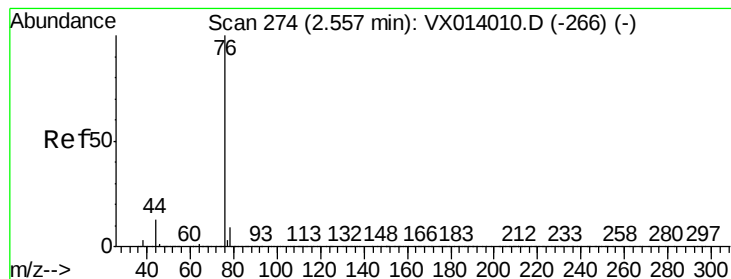
Tgt Ion: 43 Resp: 270013

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3





#17

Carbon Disulfide

Concen: 17.665 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

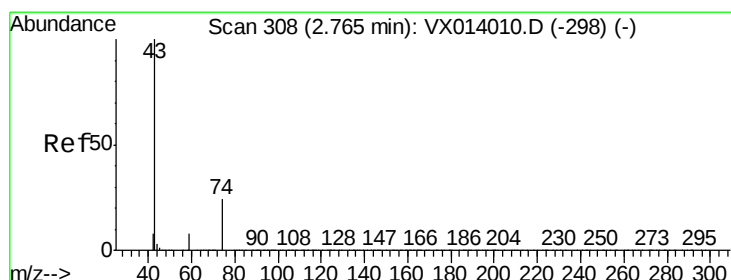
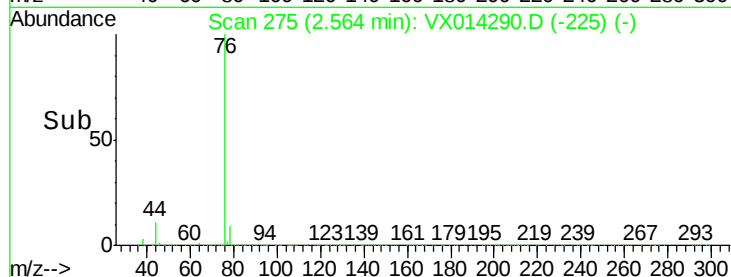
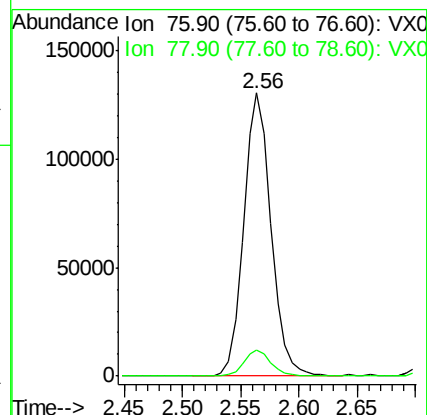
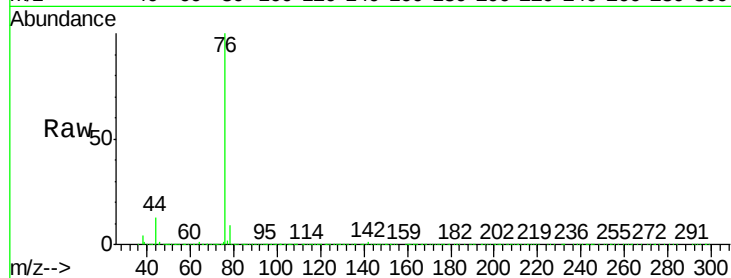
VX1226WBS02

Tgt Ion: 76 Resp: 212505

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 22.910 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014290.D

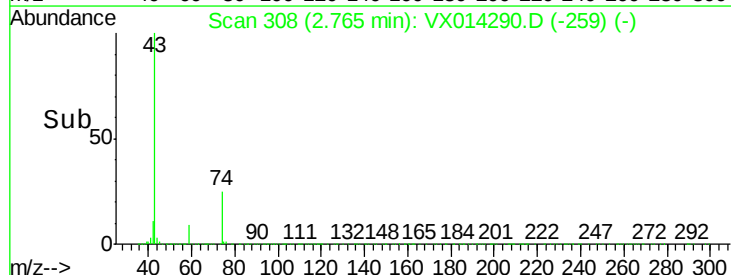
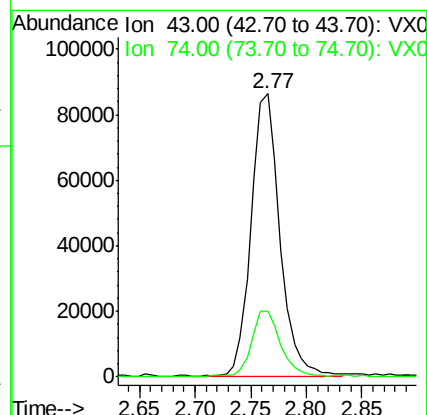
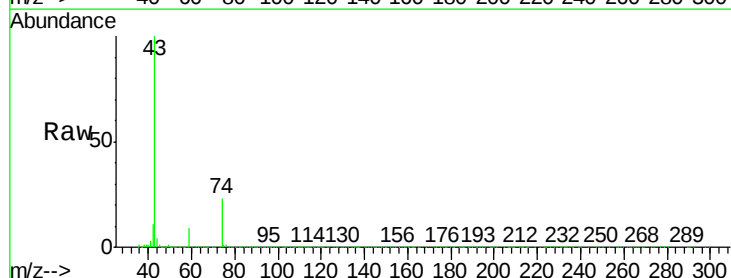
Acq: 27 Dec 2019 00:29

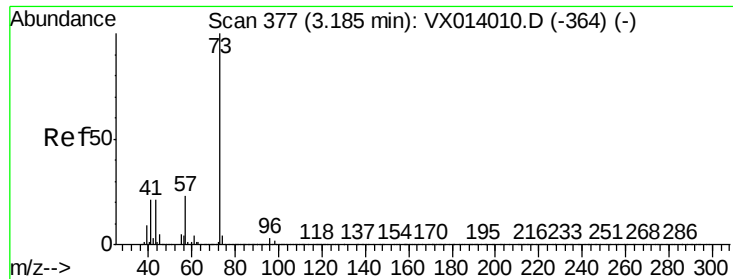
Tgt Ion: 43 Resp: 154782

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3



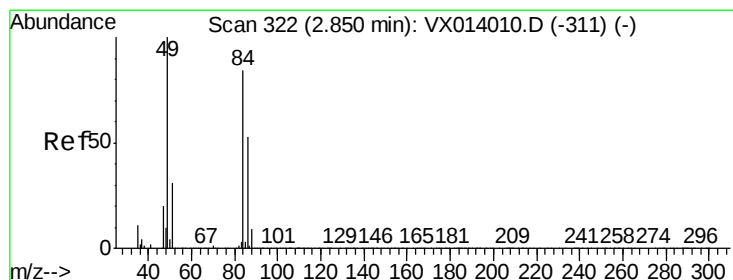
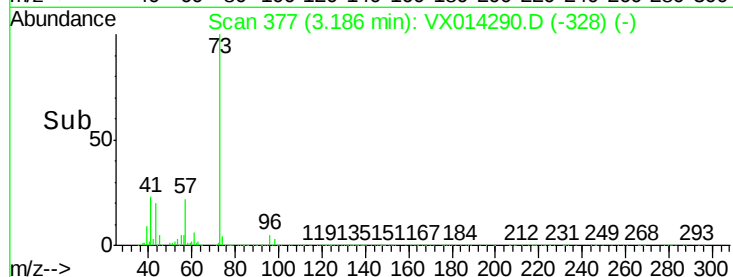
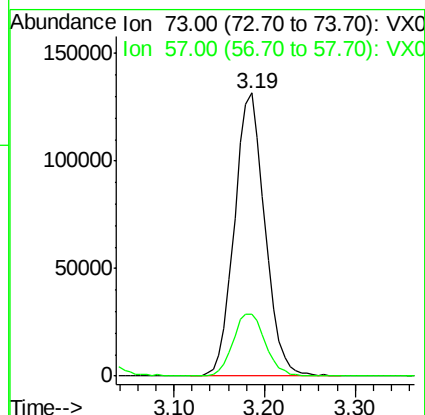
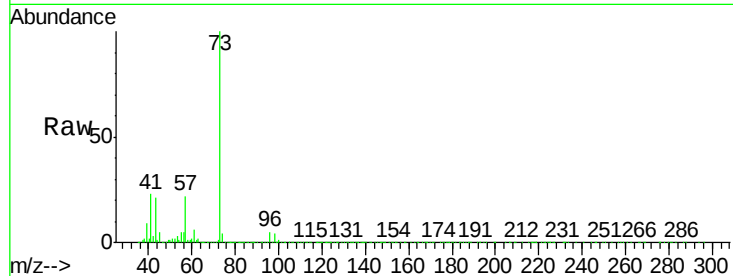


#19

Methyl tert-butyl Ether
 Concen: 20.792 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

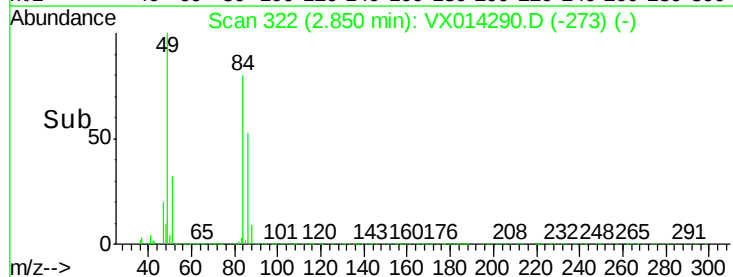
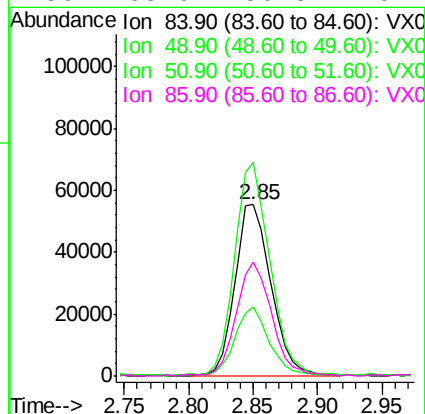
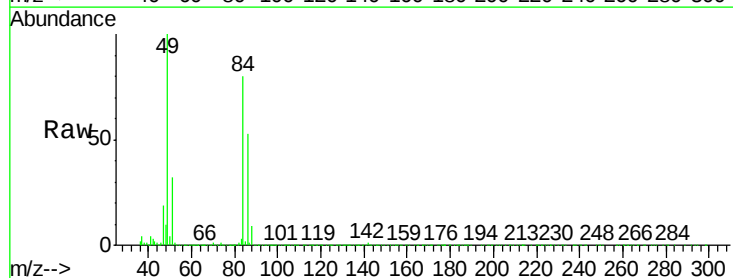
Tgt Ion: 73 Resp: 304545
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.8 28.2



#20

Methylene Chloride
 Concen: 20.089 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion: 84 Resp: 107859
 Ion Ratio Lower Upper
 84 100
 49 124.0 95.8 143.6
 51 39.6 29.8 44.8
 86 65.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.463 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

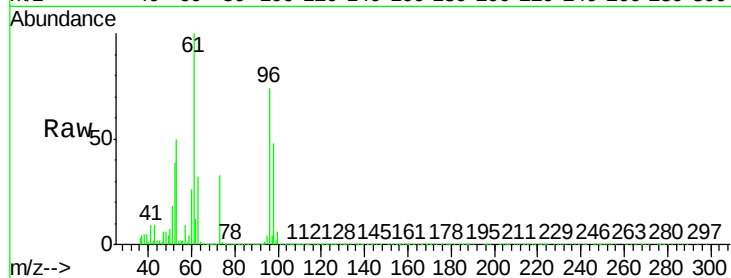
Tgt Ion: 96 Resp: 95577

Ion Ratio Lower Upper

96 100

61 135.2 108.3 162.5

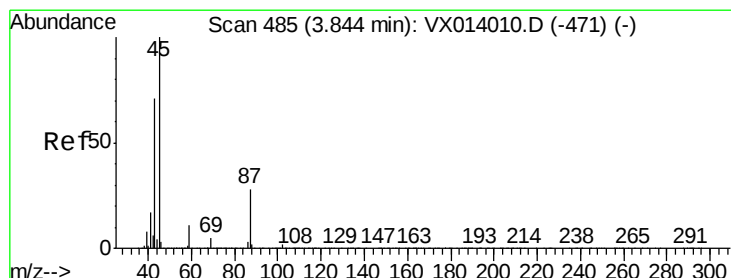
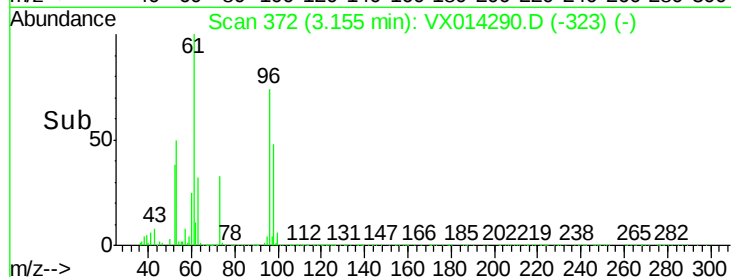
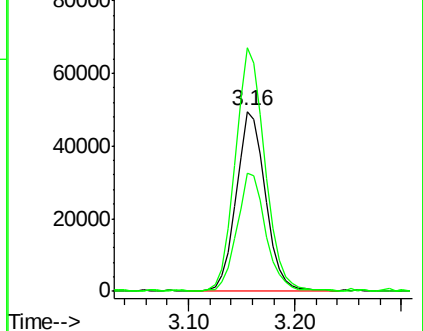
98 65.2 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.743 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion: 45 Resp: 344826

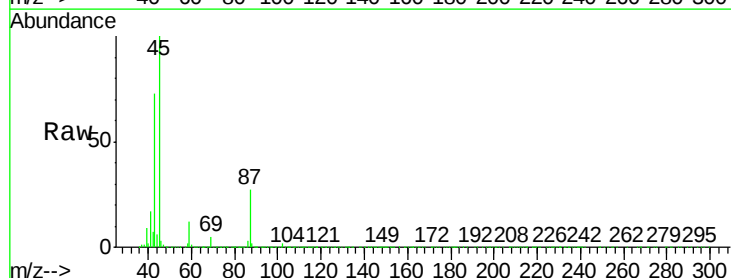
Ion Ratio Lower Upper

45 100

43 72.6 57.4 86.0

87 27.4 21.9 32.9

59 11.4 9.0 13.6

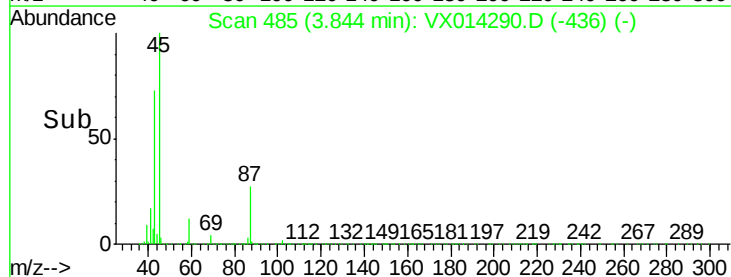
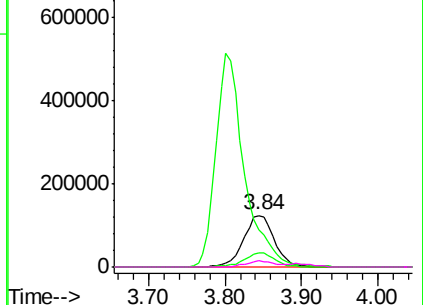


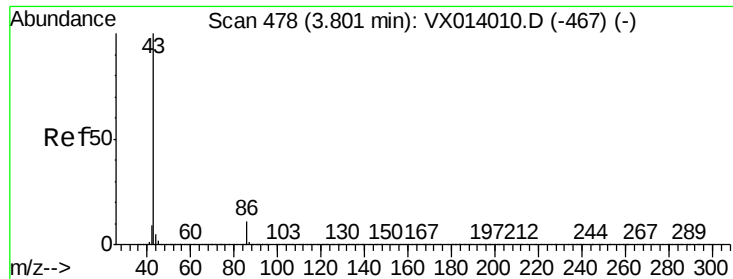
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.930 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

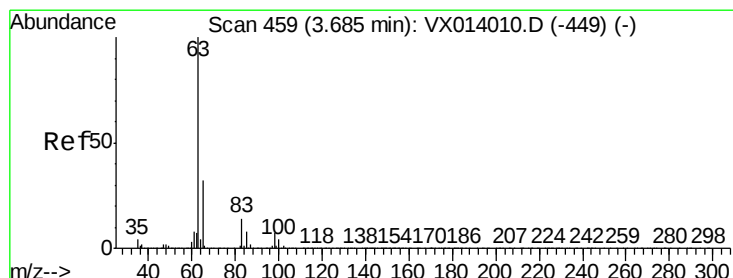
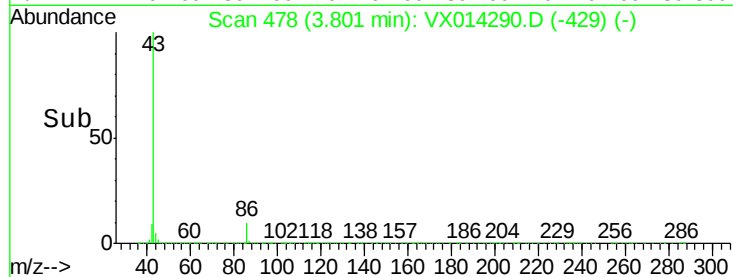
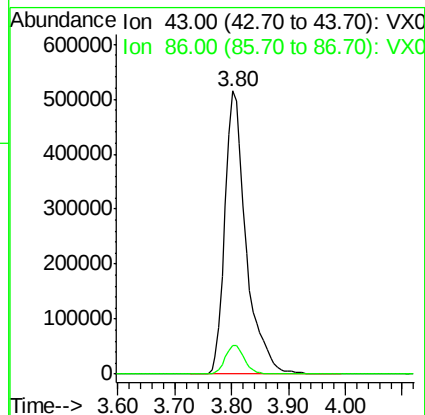
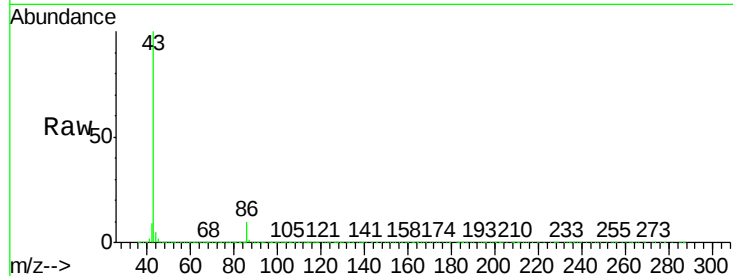
VX1226WBS02

Tgt Ion: 43 Resp: 1332149

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 20.535 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

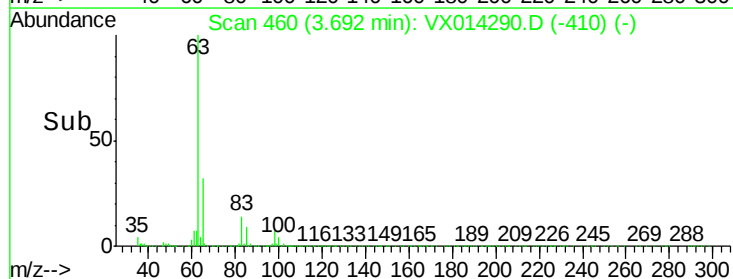
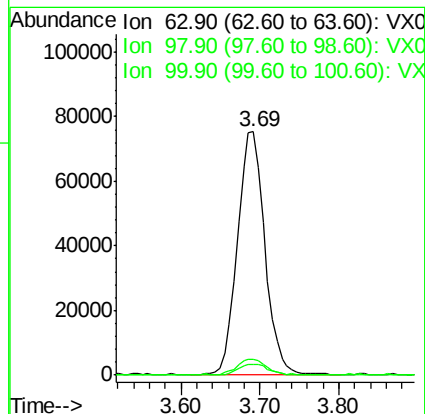
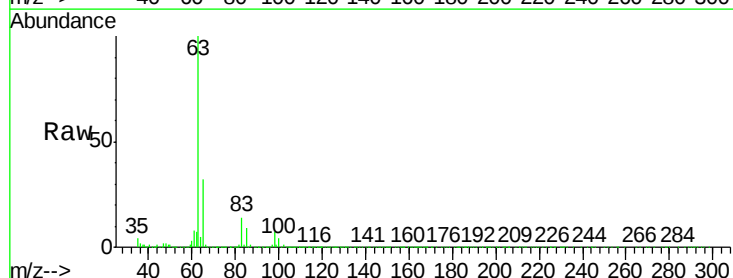
Tgt Ion: 63 Resp: 181197

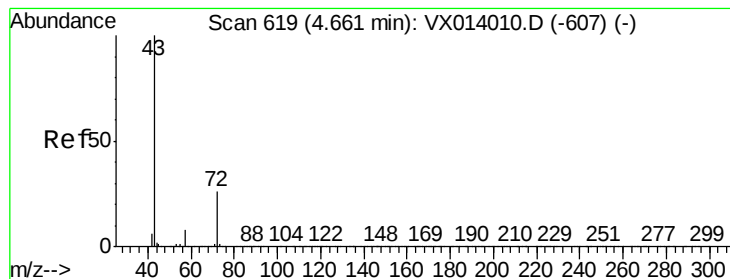
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 99.406 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

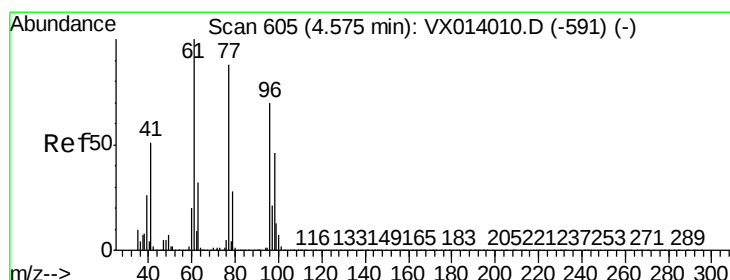
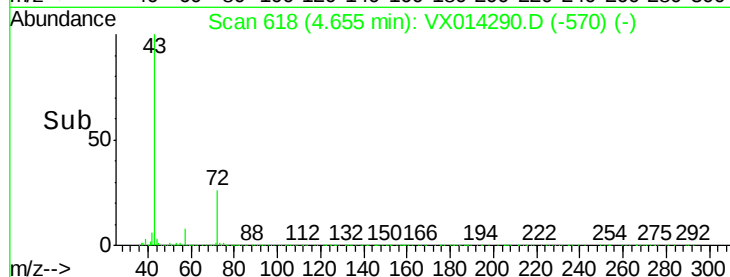
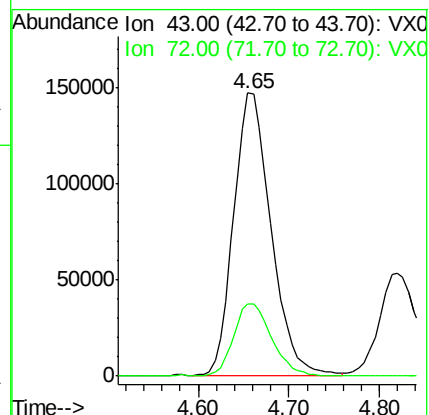
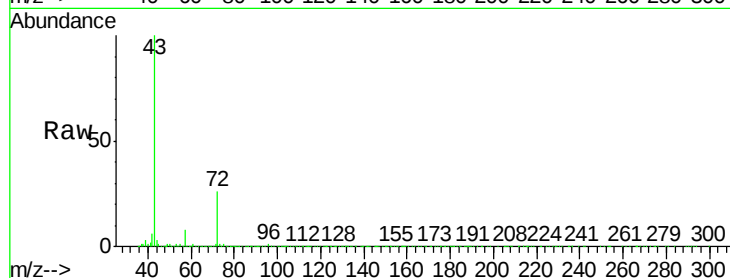
VX1226WBS02

Tgt Ion: 43 Resp: 417857

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 15.598 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014290.D

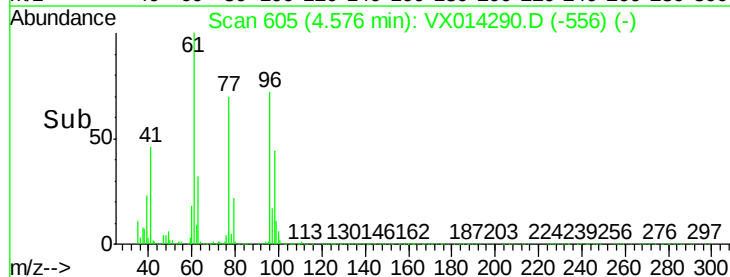
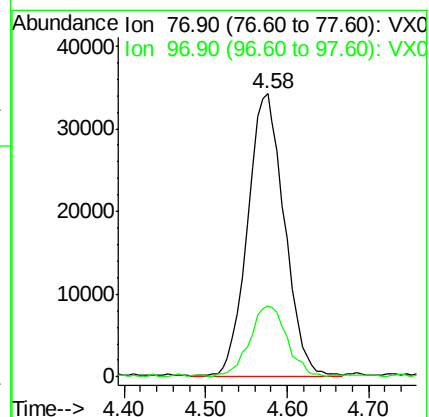
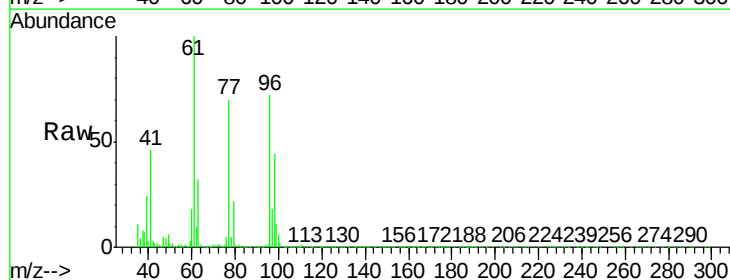
Acq: 27 Dec 2019 00:29

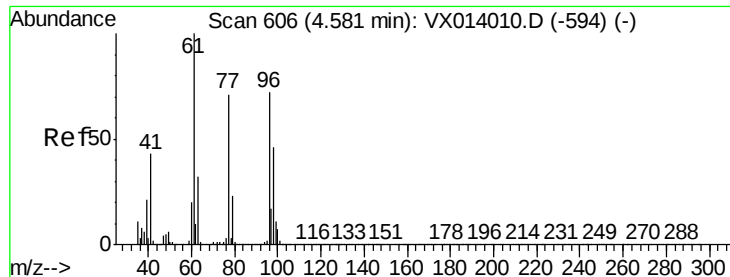
Tgt Ion: 77 Resp: 106860

Ion Ratio Lower Upper

77 100

97 25.7 11.9 35.9



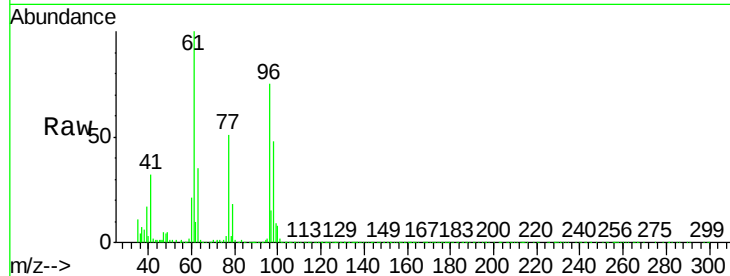


#27

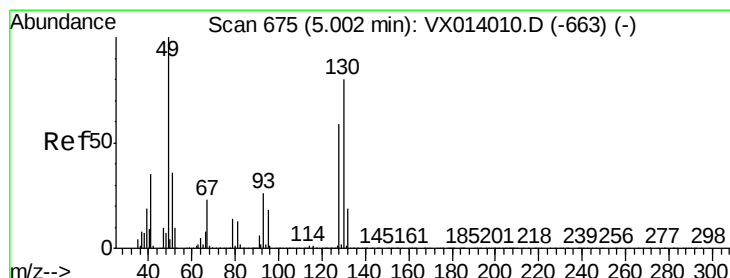
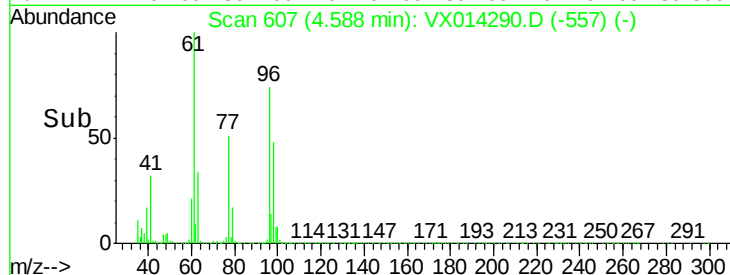
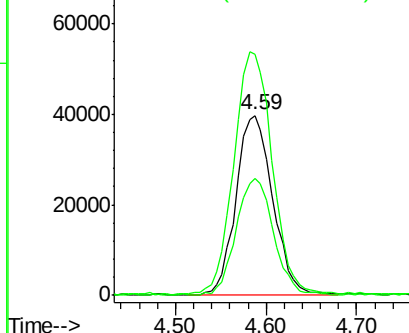
cis-1,2-Dichloroethene
Concen: 19.959 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	288.4
98	66.1	0.0	129.6



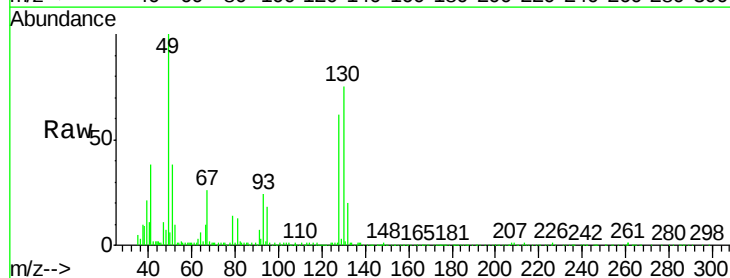
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



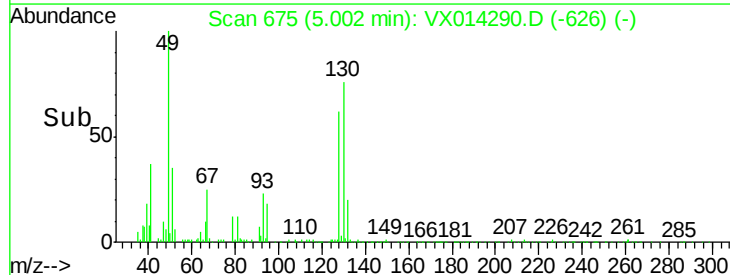
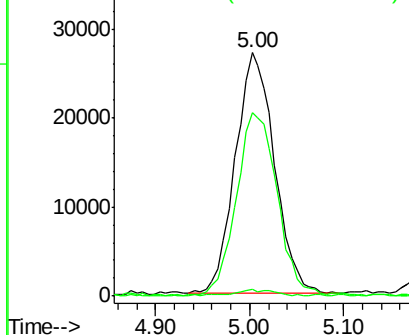
#28

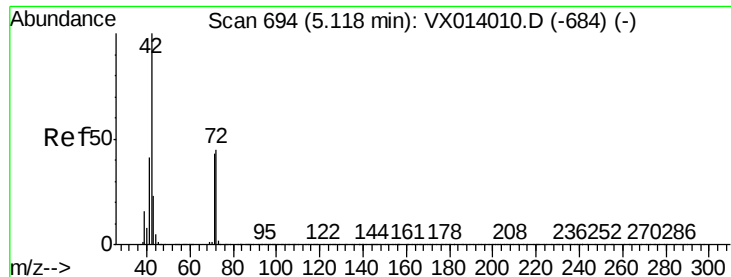
Bromochloromethane
Concen: 23.418 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	79.0	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: 112.386 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

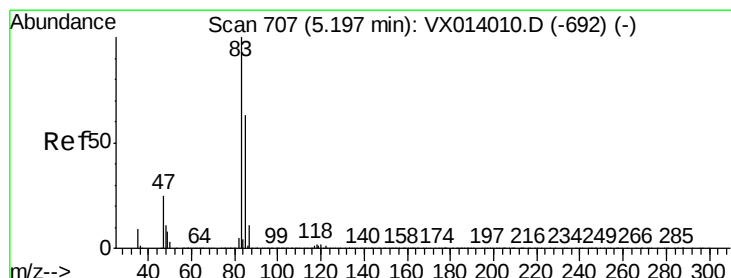
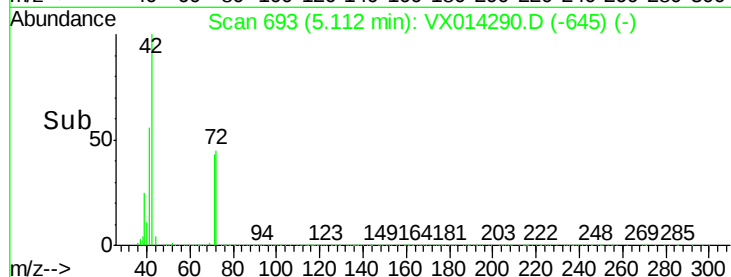
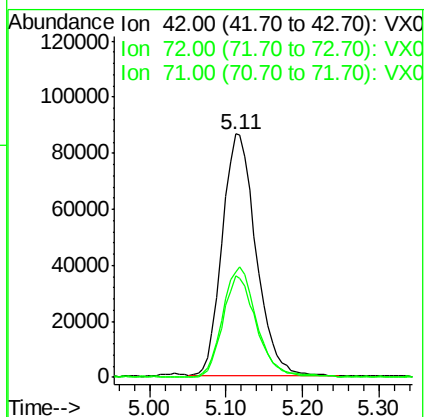
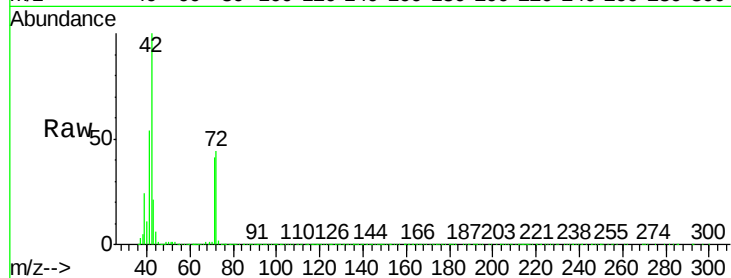
Tgt Ion: 42 Resp: 264238

Ion Ratio Lower Upper

42 100

72 45.7 35.8 53.8

71 41.1 33.6 50.4



#30

Chloroform

Concen: 20.734 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014290.D

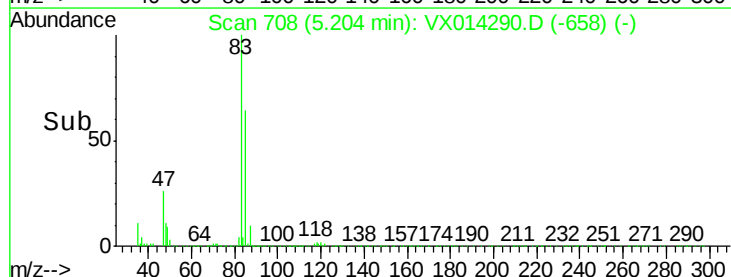
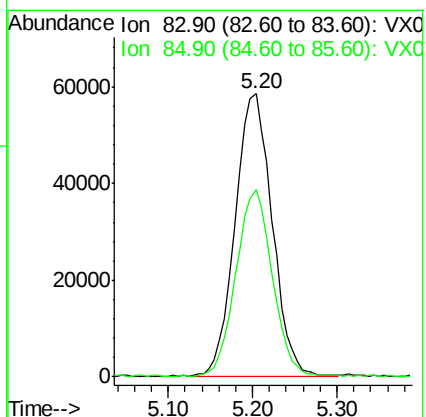
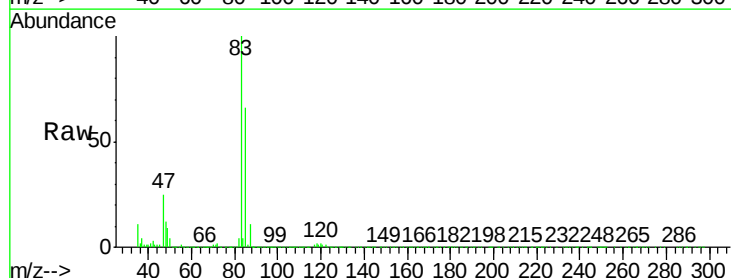
Acq: 27 Dec 2019 00:29

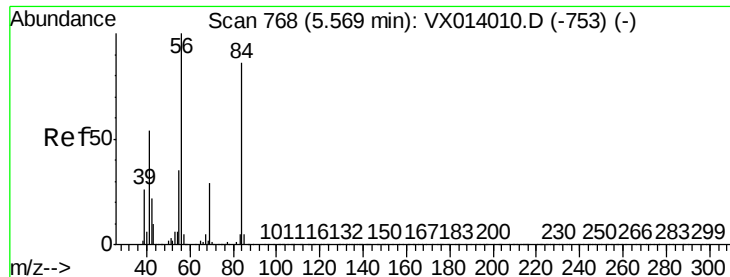
Tgt Ion: 83 Resp: 173429

Ion Ratio Lower Upper

83 100

85 66.2 50.8 76.2





#31

Cyclohexane

Concen: 19.703 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

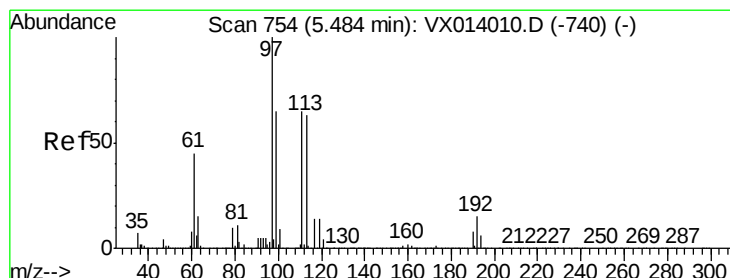
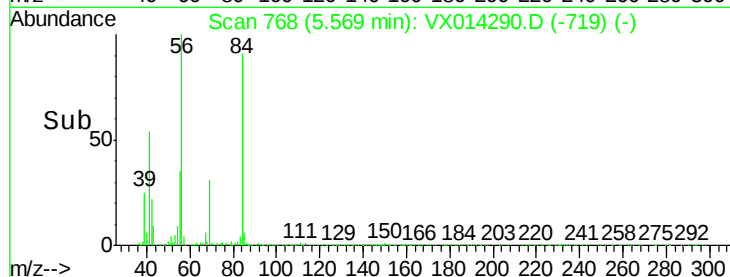
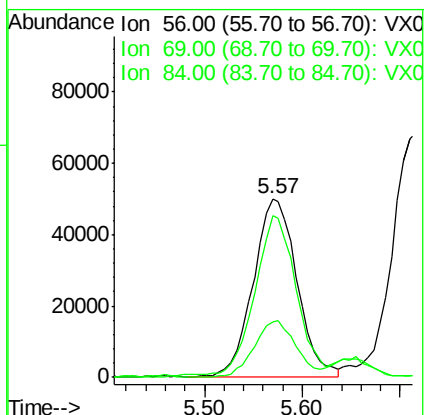
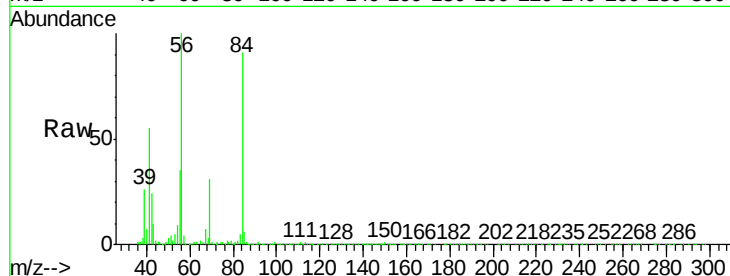
Tgt Ion: 56 Resp: 154621

Ion Ratio Lower Upper

56 100

69 31.0 23.2 34.8

84 89.4 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 19.976 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

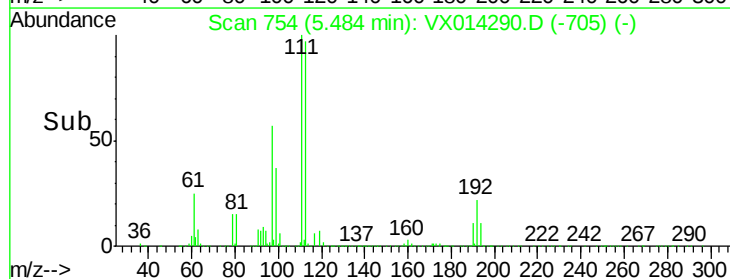
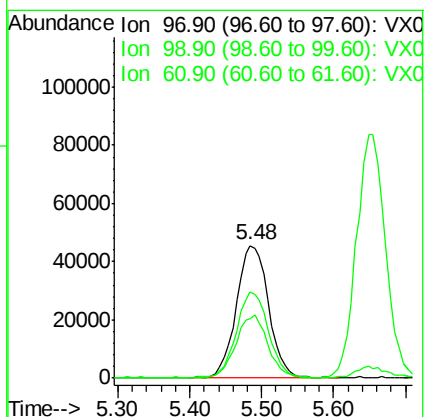
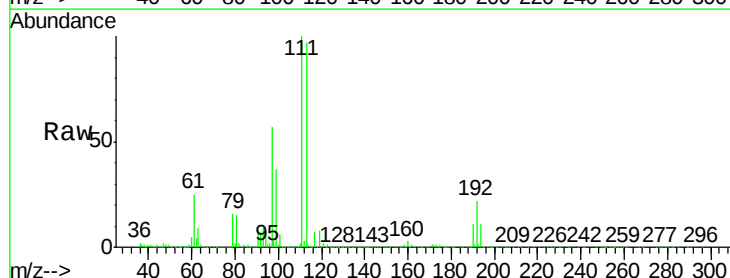
Tgt Ion: 97 Resp: 142408

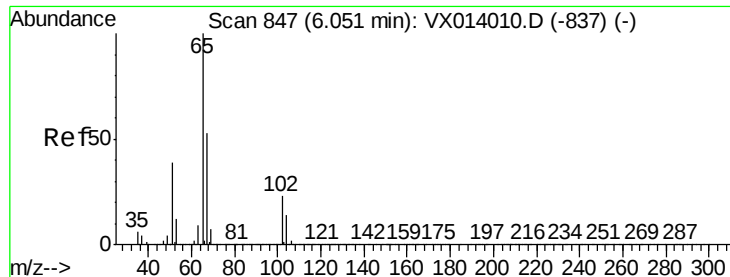
Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

61 46.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 53.513 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

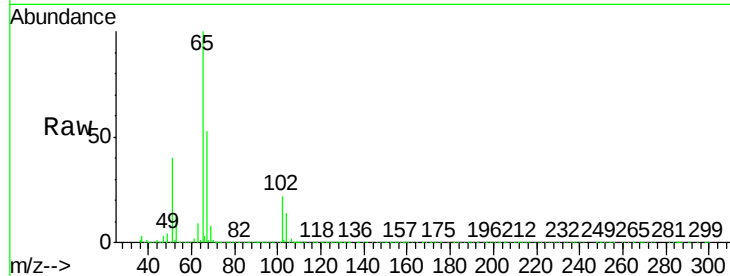
VX1226WBS02

Tgt Ion: 65 Resp: 281041

Ion Ratio Lower Upper

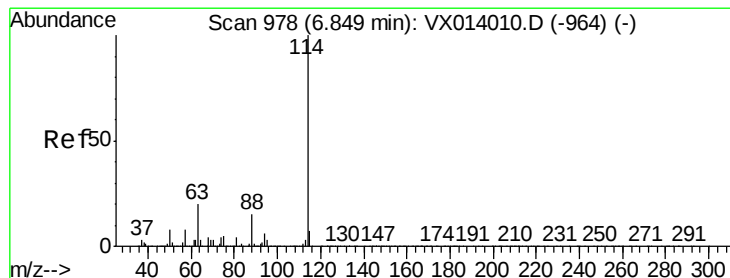
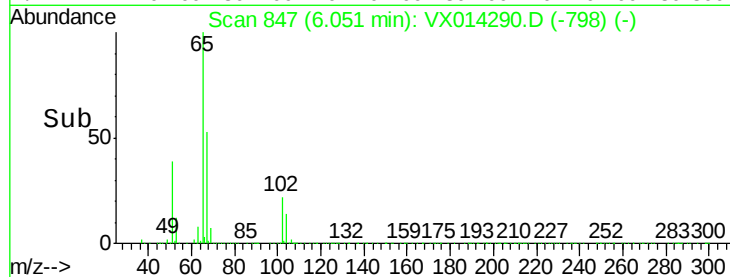
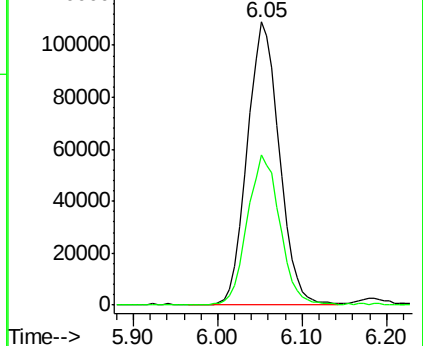
65 100

67 54.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

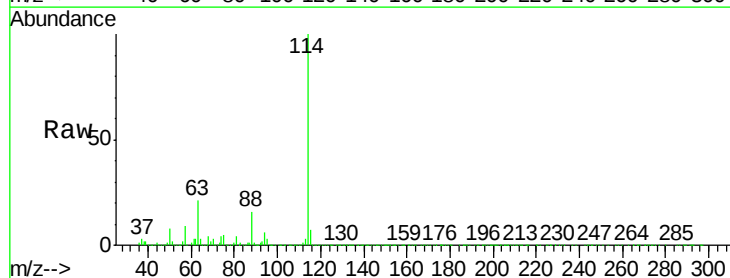
Tgt Ion: 114 Resp: 737810

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

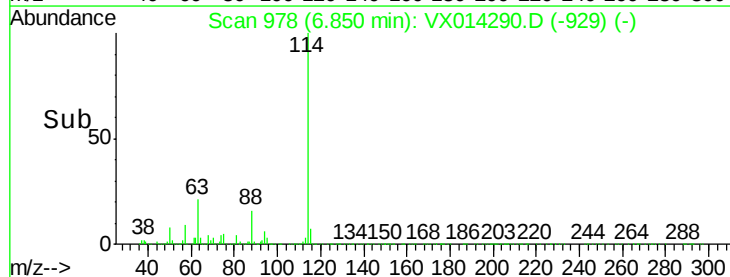
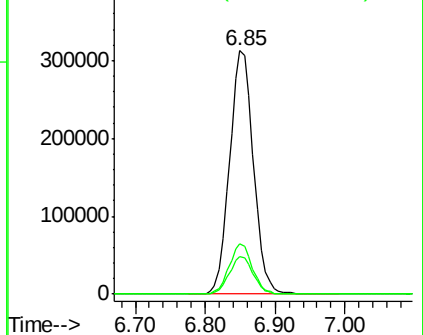
88 15.5 0.0 30.4



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





#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampled :

VX1226WBS02

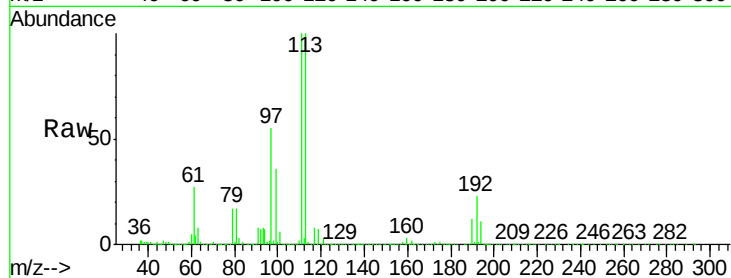
Tgt Ion:113 Resp: 229988

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

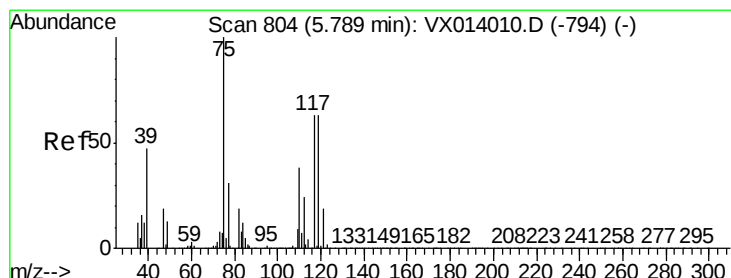
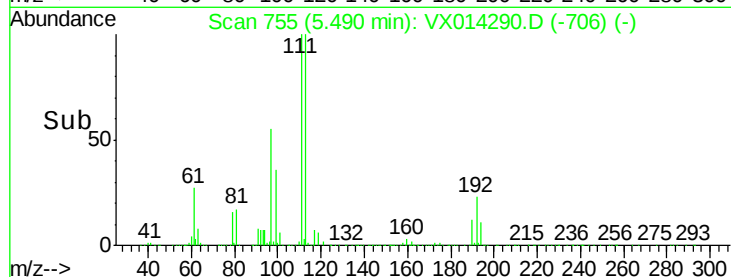
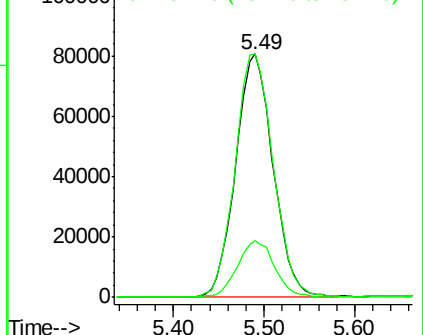
192 23.4 19.3 28.9



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: 18.138 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

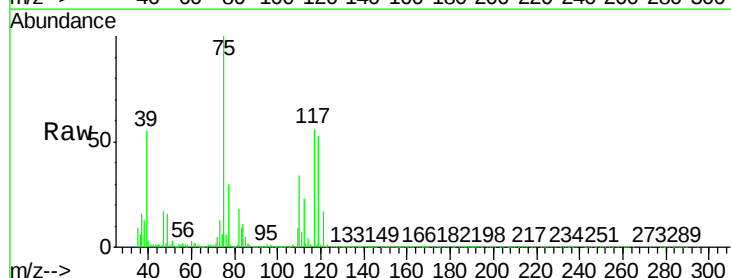
Tgt Ion: 75 Resp: 122791

Ion Ratio Lower Upper

75 100

110 37.8 18.3 54.9

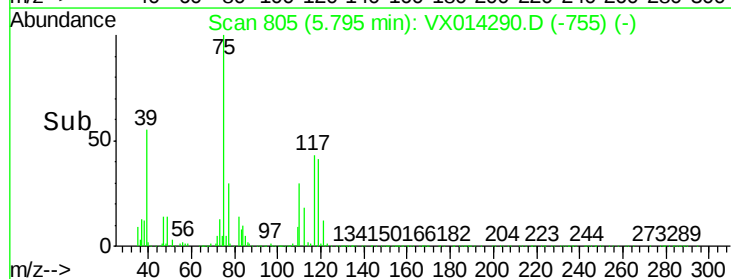
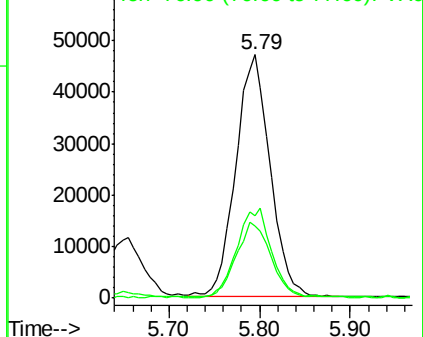
77 30.7 24.8 37.2

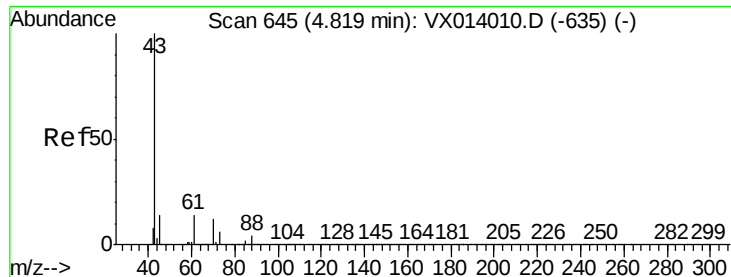


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

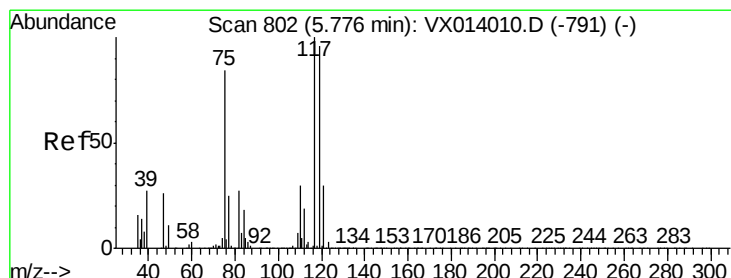
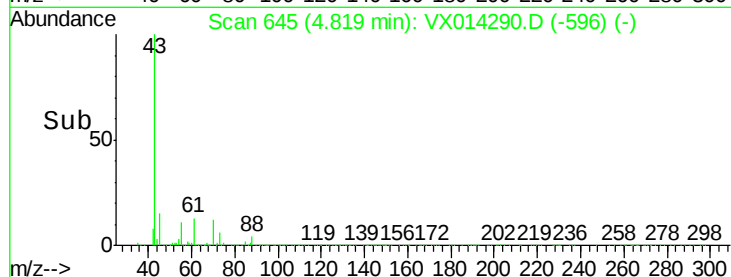
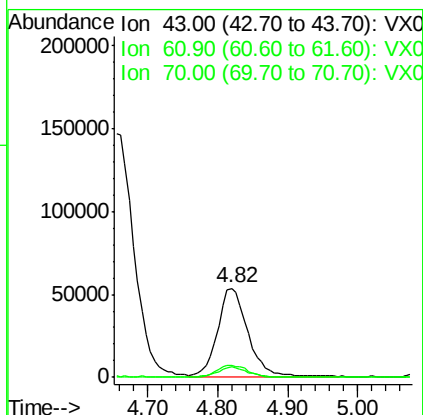
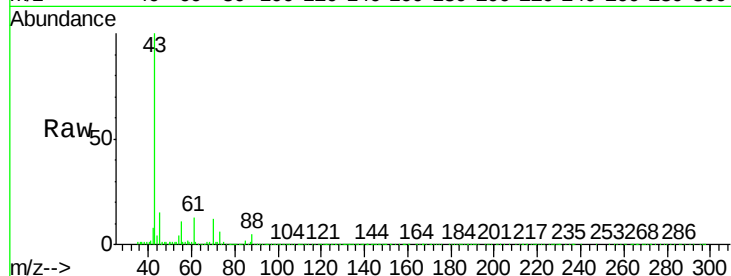




#37
Ethyl Acetate
Concen: 21.244 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

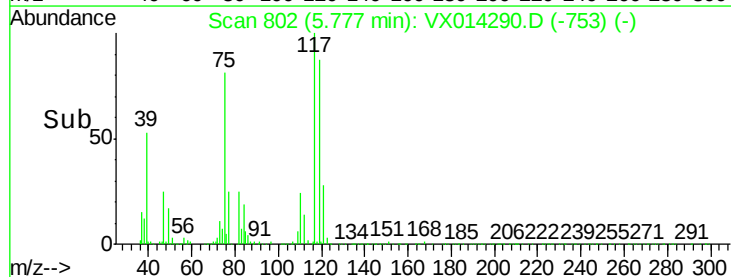
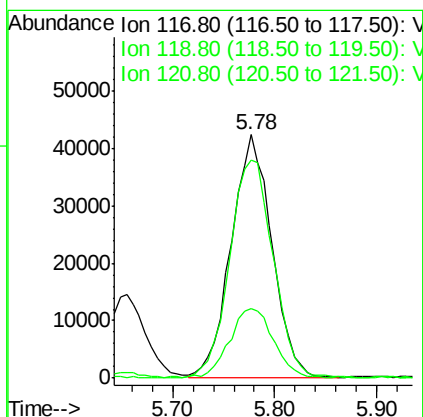
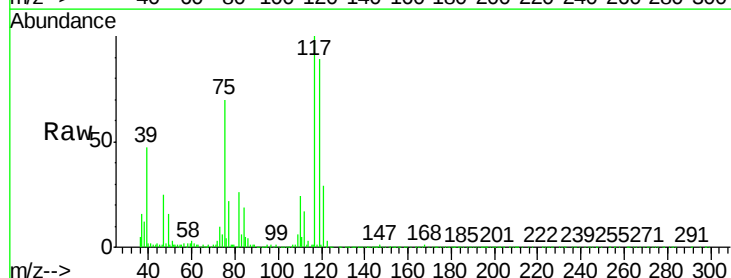
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

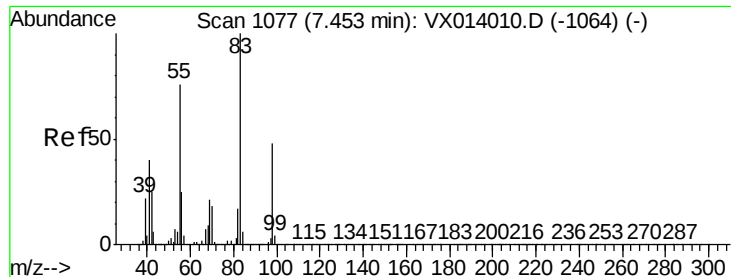
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.9	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.995 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.2	76.2	114.4
121	28.0	23.6	35.4

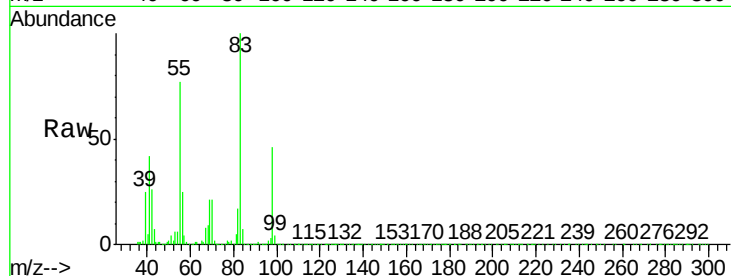




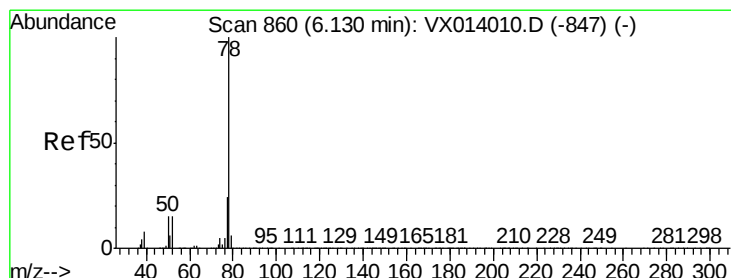
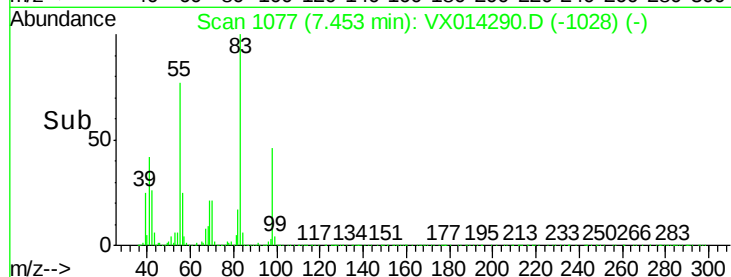
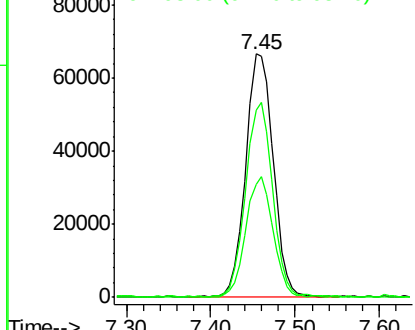
#39
Methylcyclohexane
Concen: 17.420 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tgt Ion: 83 Resp: 145615
Ion Ratio Lower Upper
83 100
55 76.6 61.0 91.6
98 46.3 38.6 57.8

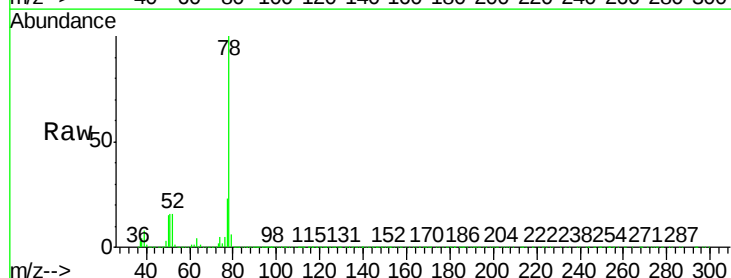


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

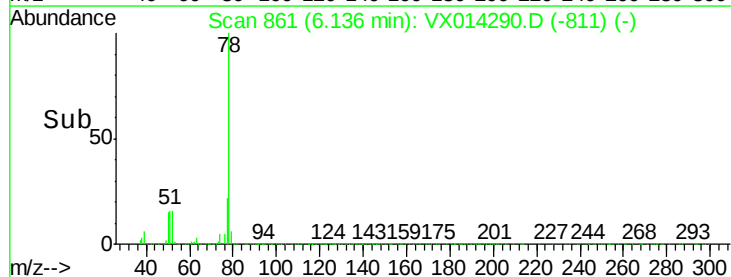
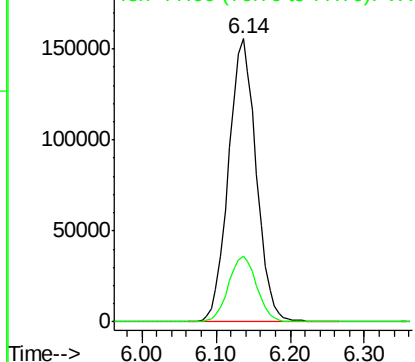


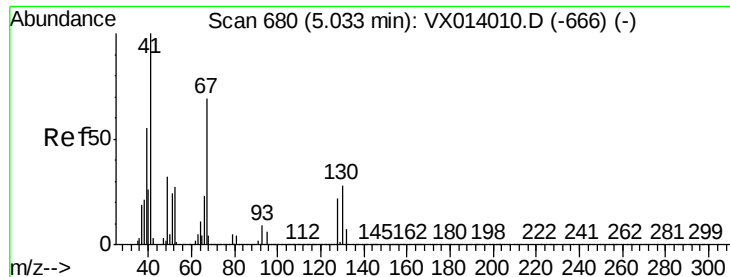
#40
Benzene
Concen: 19.534 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 78 Resp: 406898
Ion Ratio Lower Upper
78 100
77 23.0 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: 20.789 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tgt Ion: 41 Resp: 86233

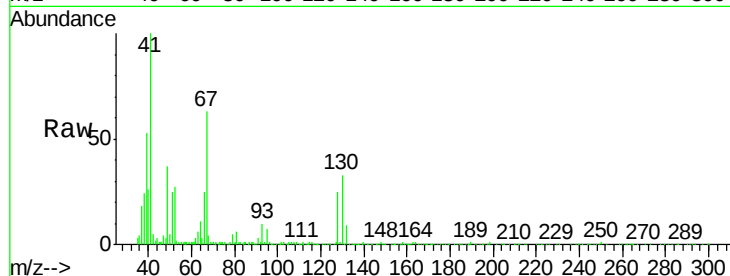
Ion Ratio Lower Upper

41 100

39 54.5 44.5 66.7

67 73.3 57.4 86.0

52 27.7 23.0 34.4

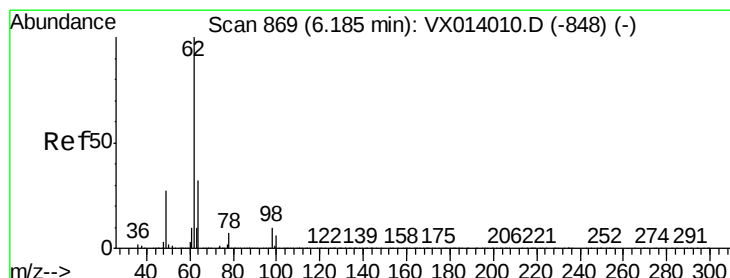
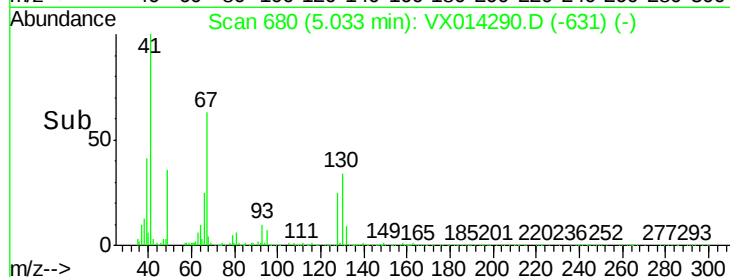
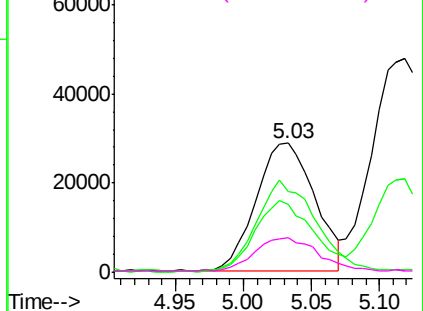


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.804 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014290.D

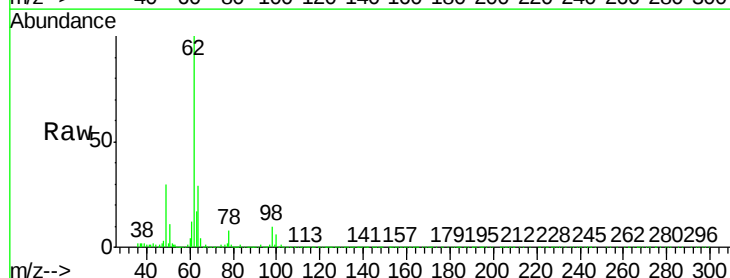
Acq: 27 Dec 2019 00:29

Tgt Ion: 62 Resp: 139836

Ion Ratio Lower Upper

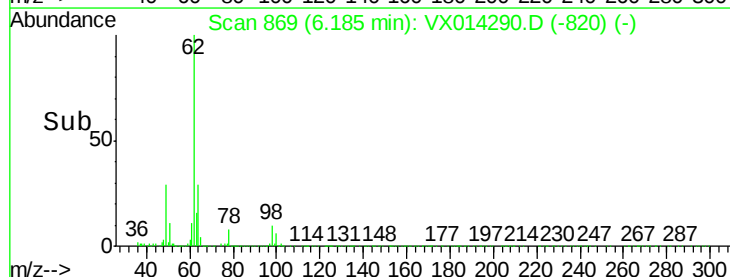
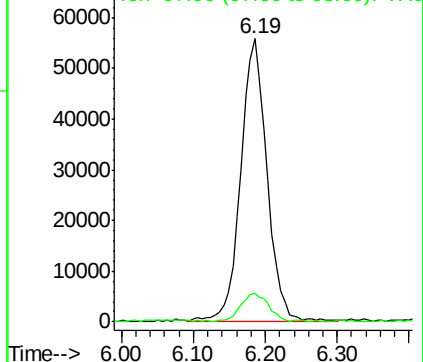
62 100

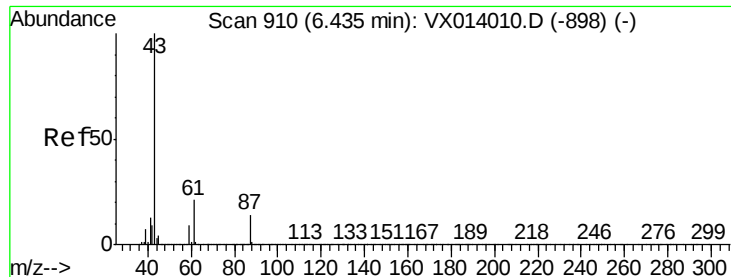
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.520 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

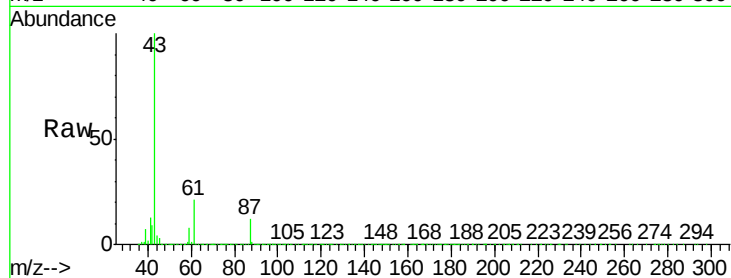
Tgt Ion: 43 Resp: 253877

Ion Ratio Lower Upper

43 100

61 20.5 16.4 24.6

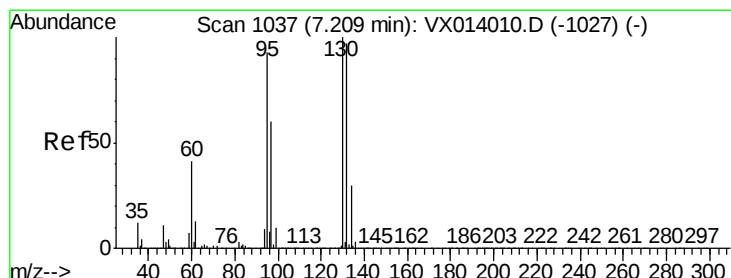
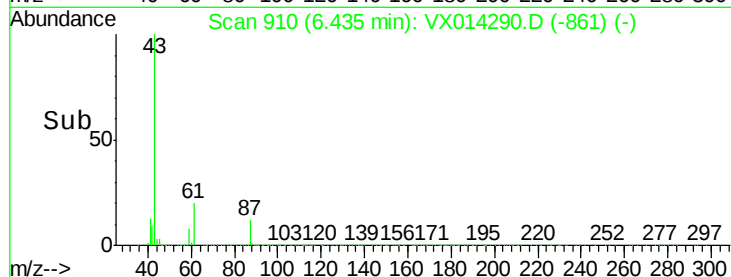
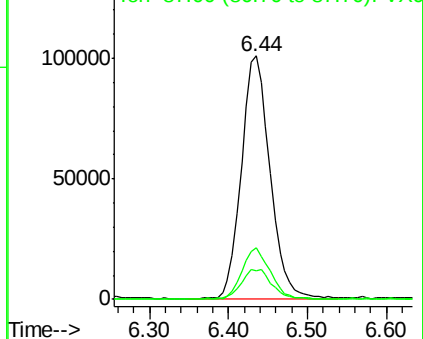
87 12.9 10.7 16.1



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: 18.840 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014290.D

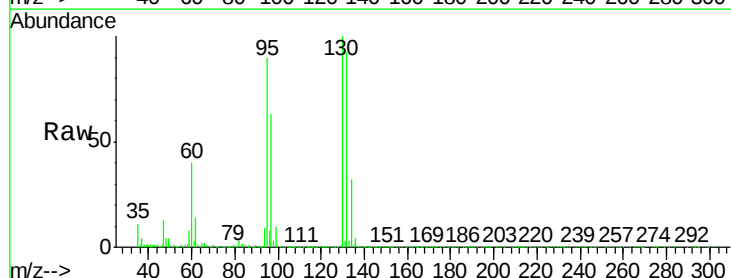
Acq: 27 Dec 2019 00:29

Tgt Ion: 130 Resp: 108397

Ion Ratio Lower Upper

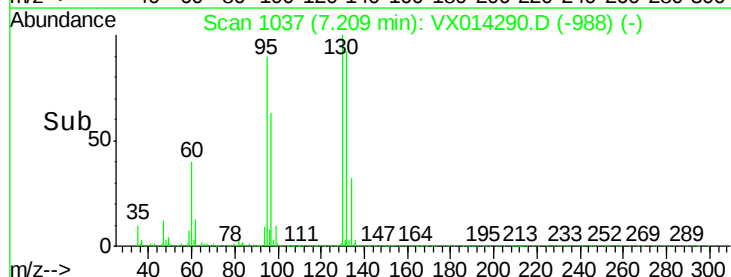
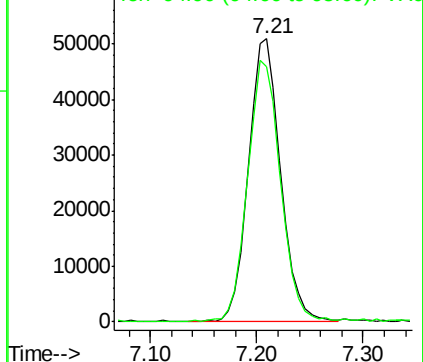
130 100

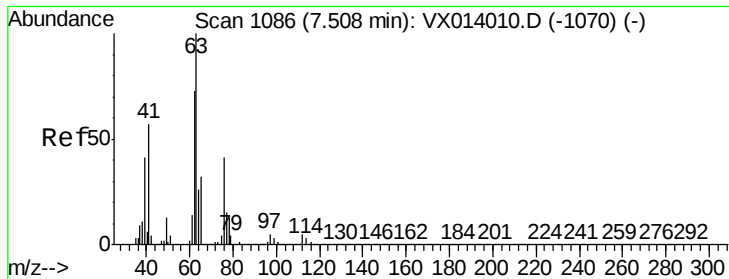
95 90.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.074 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

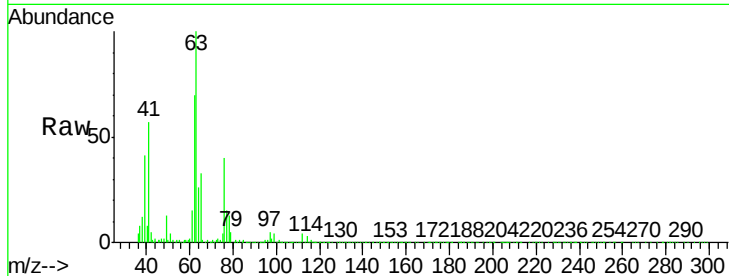
VX1226WBS02

Tgt Ion: 63 Resp: 107174

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

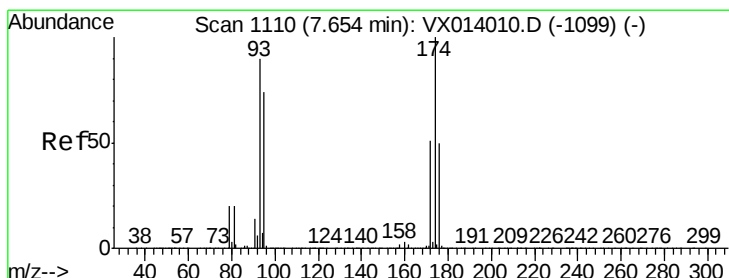
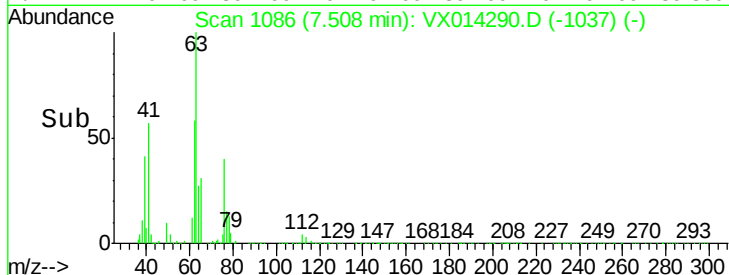
30000

20000

10000

0

Time-->



#46

Dibromomethane

Concen: 19.269 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

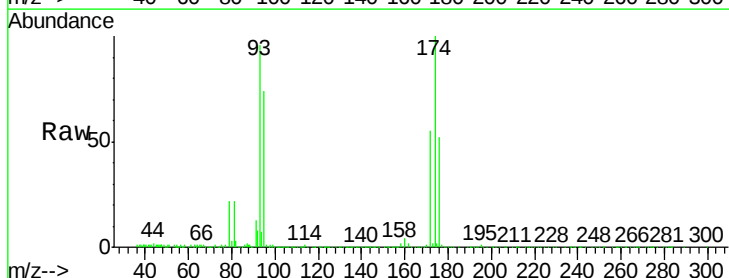
Tgt Ion: 93 Resp: 68017

Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 114.1 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

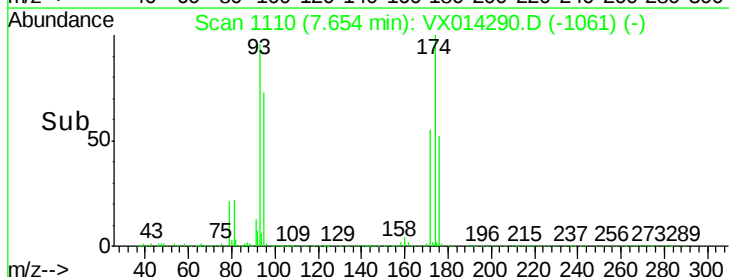
30000

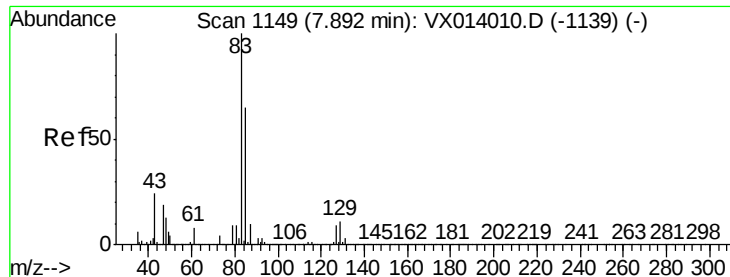
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 19.695 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

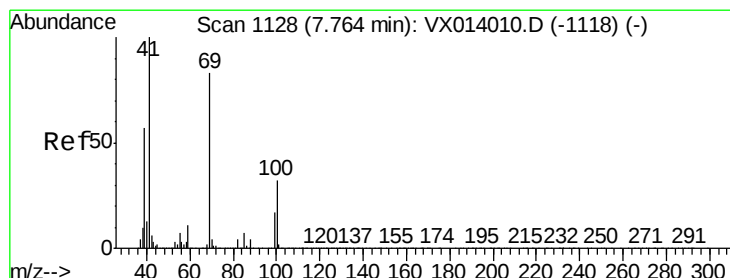
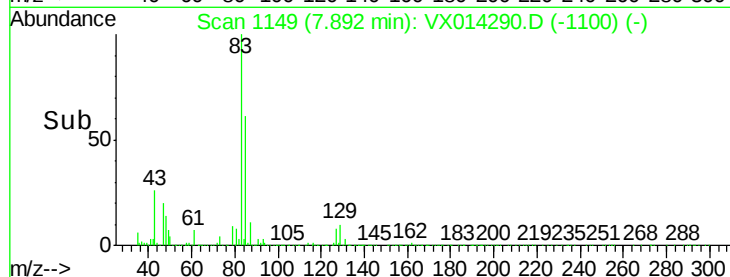
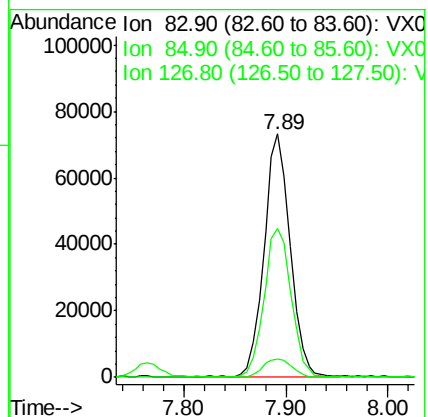
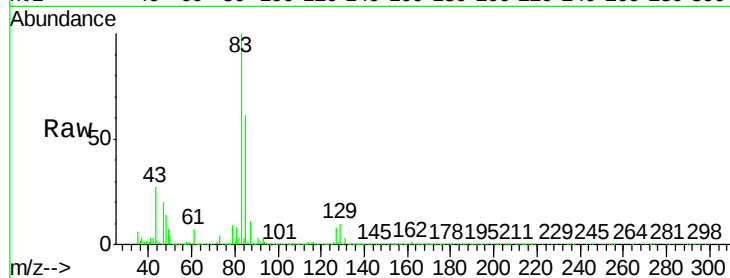
Tgt Ion: 83 Resp: 130927

Ion Ratio Lower Upper

83 100

85 61.1 51.8 77.8

127 7.4 7.0 10.4



#48

Methyl methacrylate

Concen: 20.254 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

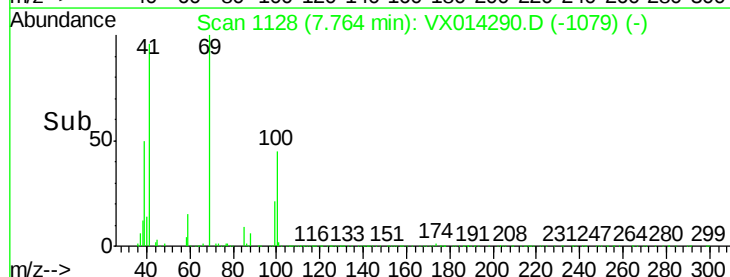
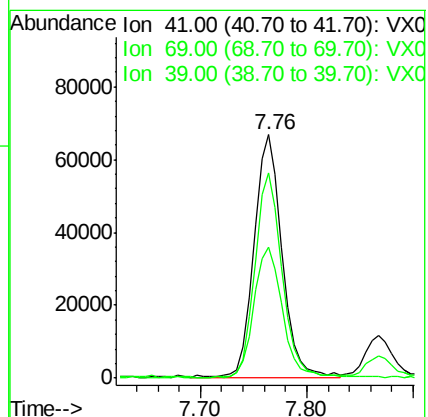
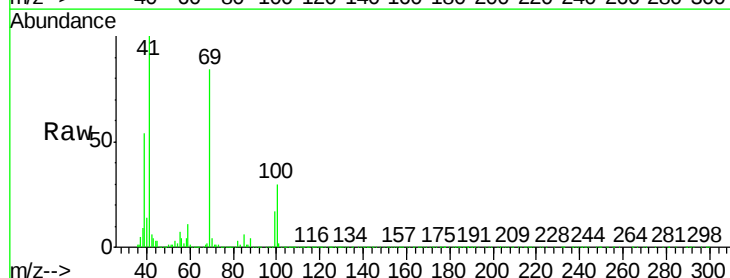
Tgt Ion: 41 Resp: 122705

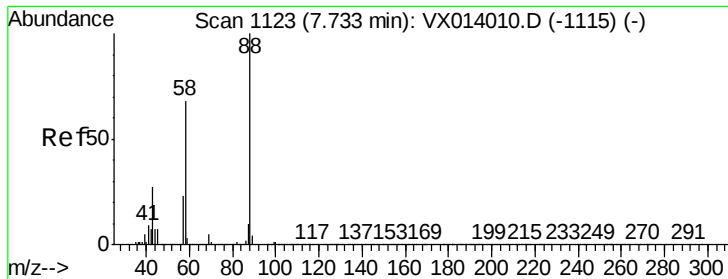
Ion Ratio Lower Upper

41 100

69 83.7 65.8 98.6

39 54.6 44.6 67.0

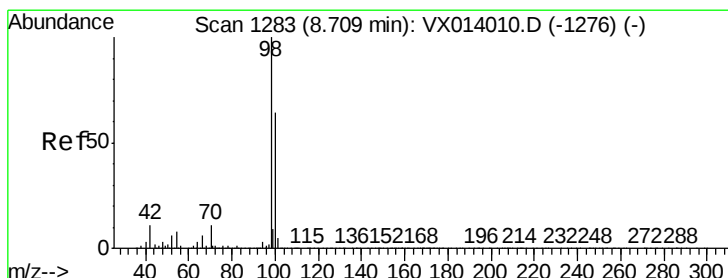
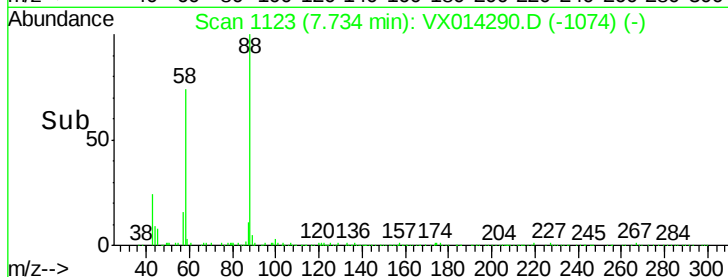
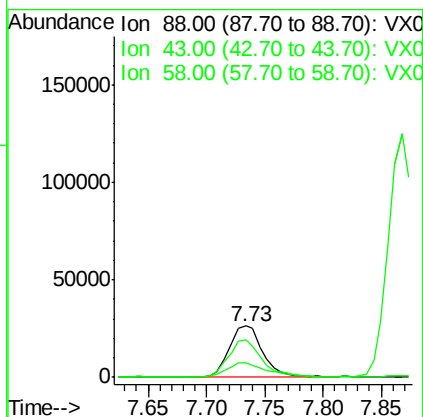
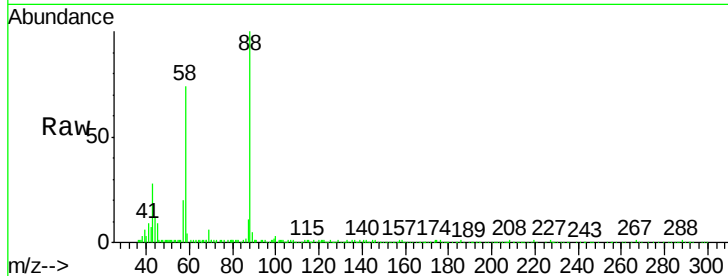




#49
1,4-Dioxane
Concen: 424.545 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

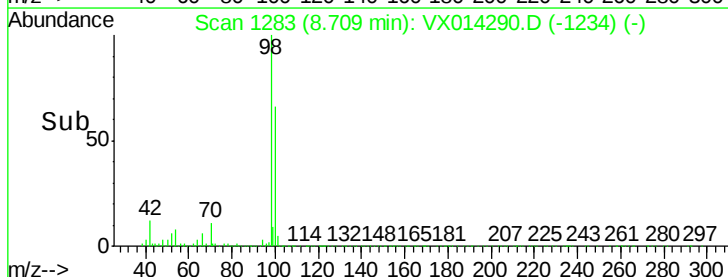
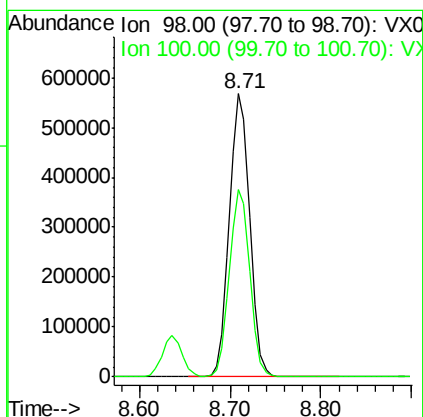
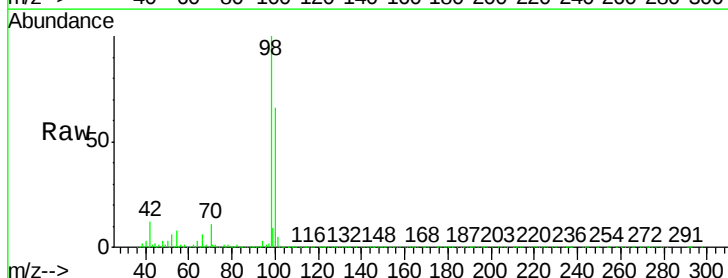
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

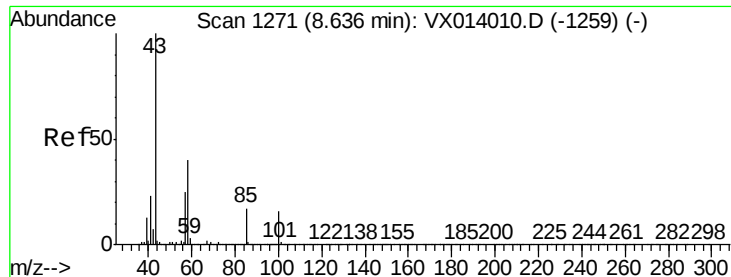
Tgt Ion: 88 Resp: 52341
Ion Ratio Lower Upper
88 100
43 32.9 26.5 39.7
58 75.2 56.8 85.2



#50
Toluene-d8
Concen: 50.738 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 98 Resp: 885958
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3

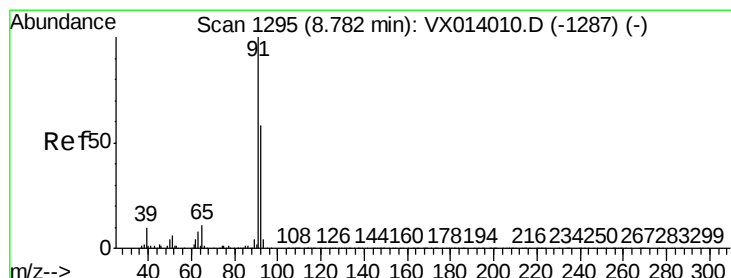
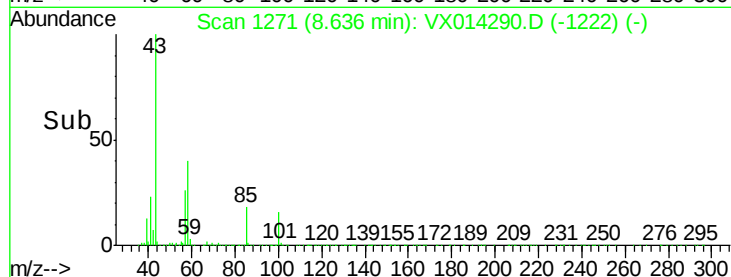
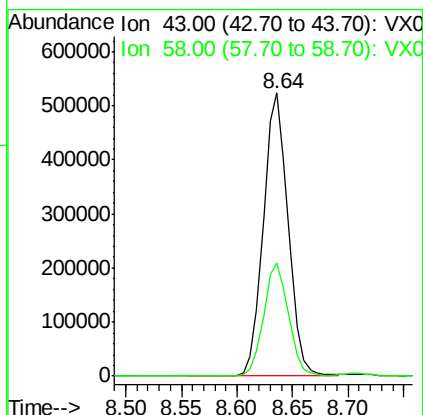
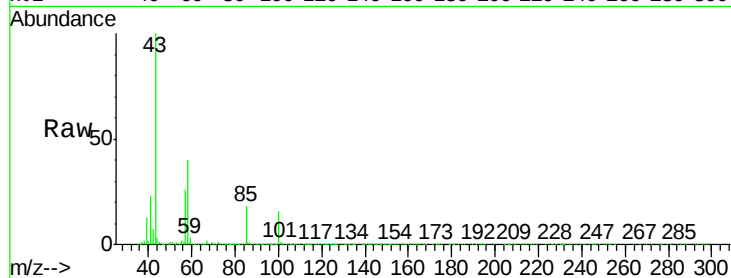




#51
 4-Methyl-2-Pentanone
 Concen: 104.761 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

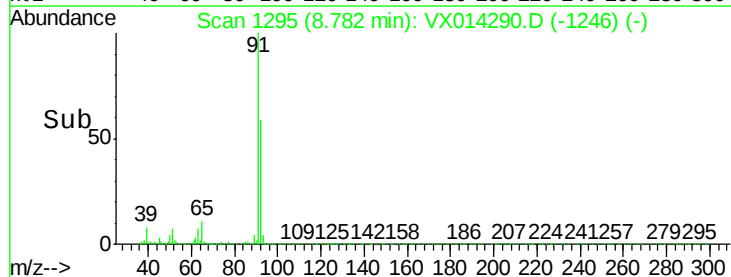
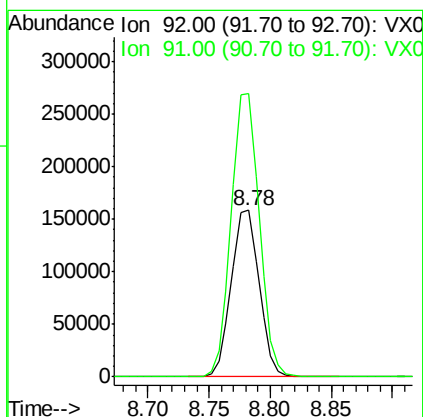
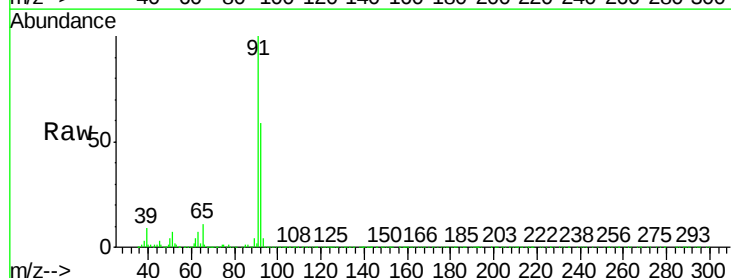
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

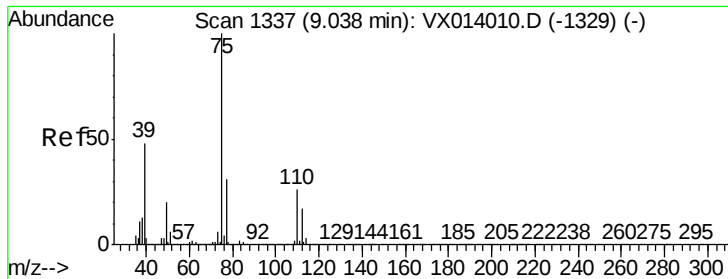
Tgt Ion: 43 Resp: 813977
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.2 48.2



#52
 Toluene
 Concen: 19.021 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion: 92 Resp: 250426
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.2 204.4

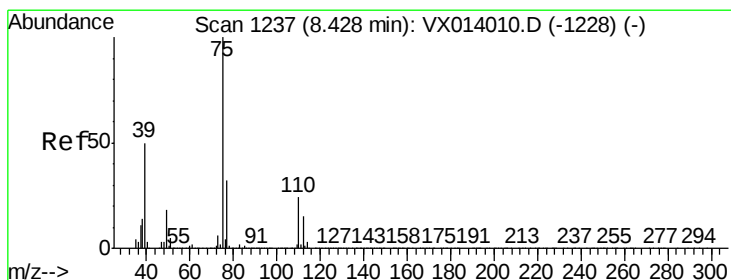
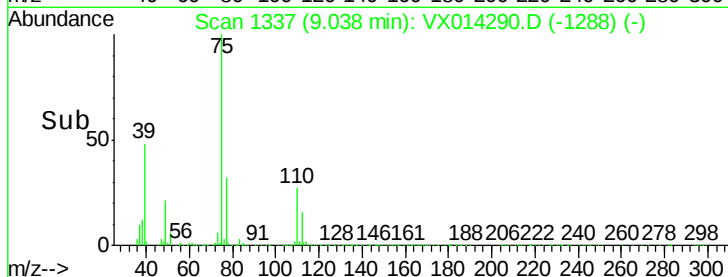
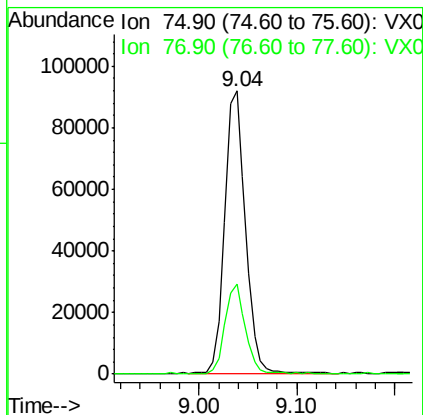
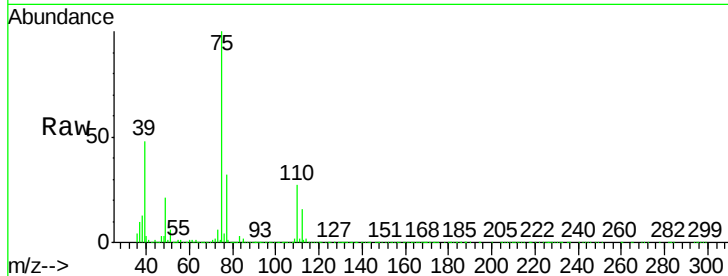




#53
t-1,3-Dichloropropene
Concen: 18.492 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

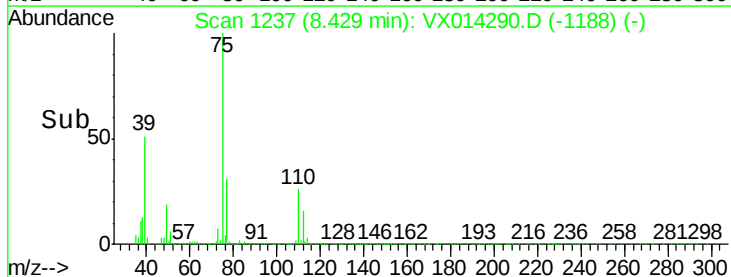
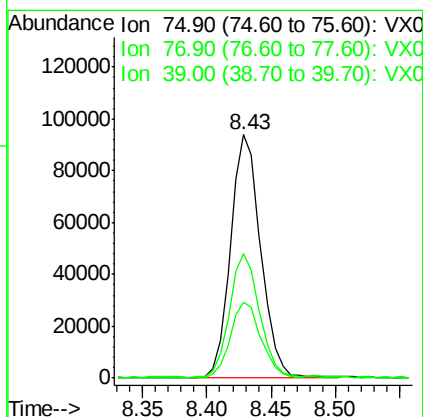
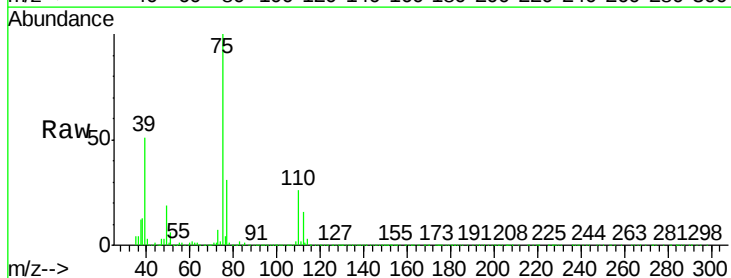
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tgt Ion: 75 Resp: 134799
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.907 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 75 Resp: 153541
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 50.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.558 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampled :

VX1226WBS02

Tgt Ion: 97 Resp: 108483

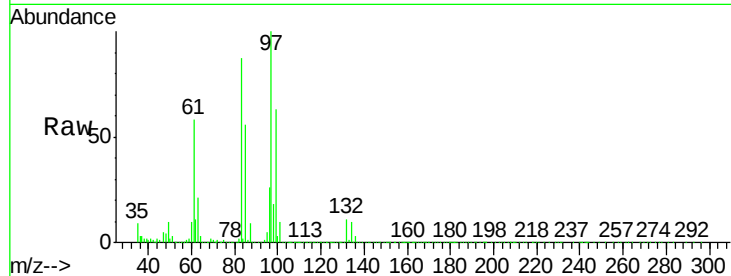
Ion Ratio Lower Upper

97 100

83 86.3 68.2 102.4

85 55.6 44.6 66.8

99 62.3 51.4 77.0

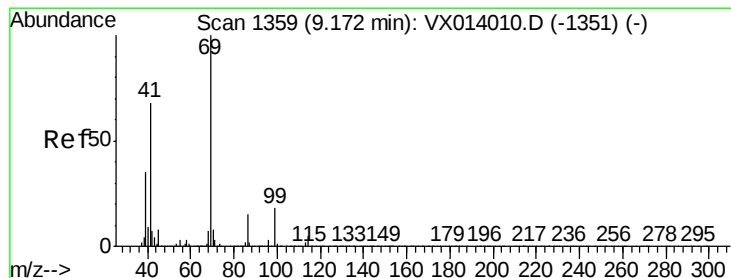
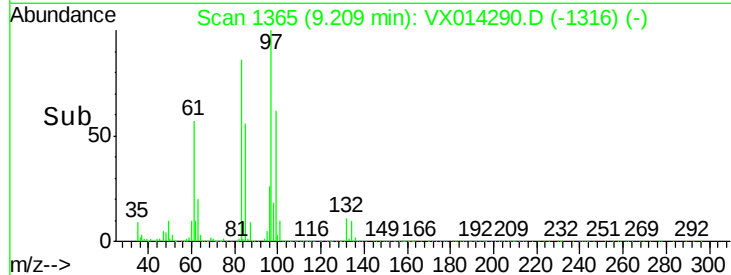
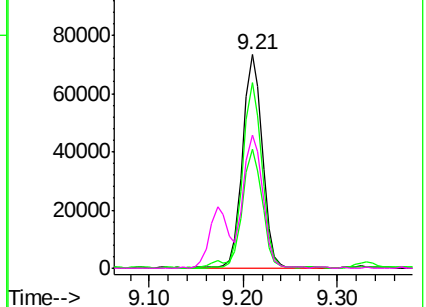


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.842 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

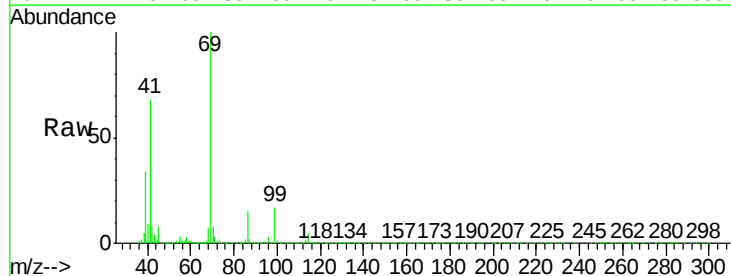
Tgt Ion: 69 Resp: 164470

Ion Ratio Lower Upper

69 100

41 67.9 54.8 82.2

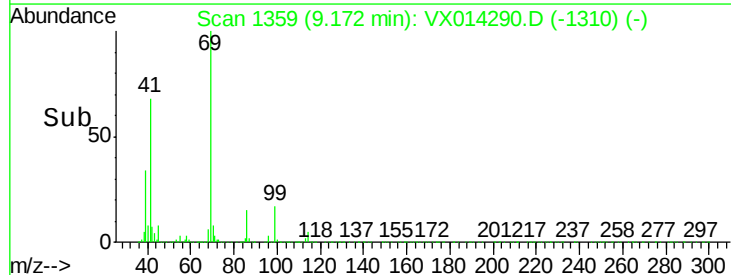
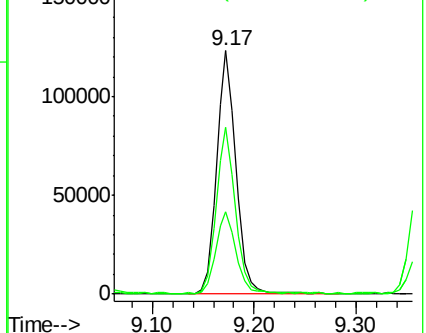
39 35.2 28.3 42.5

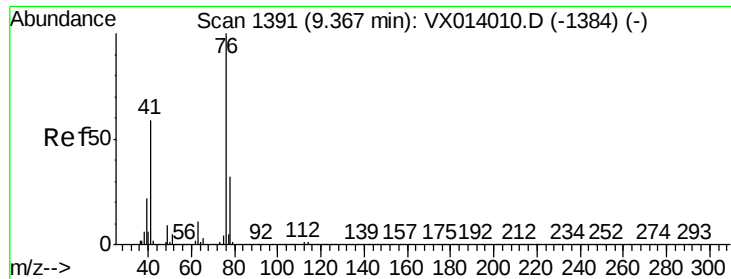


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.389 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

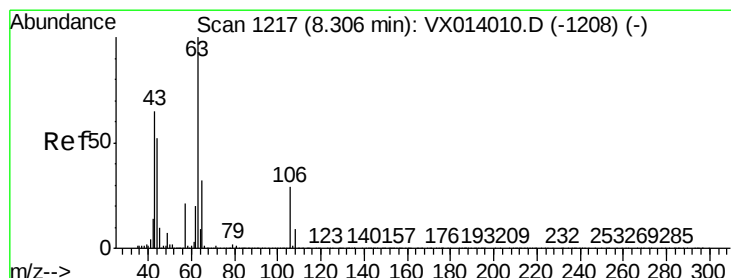
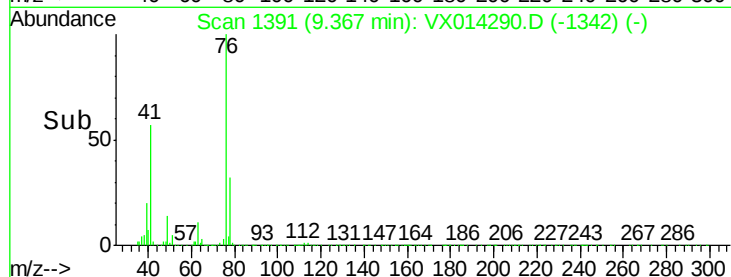
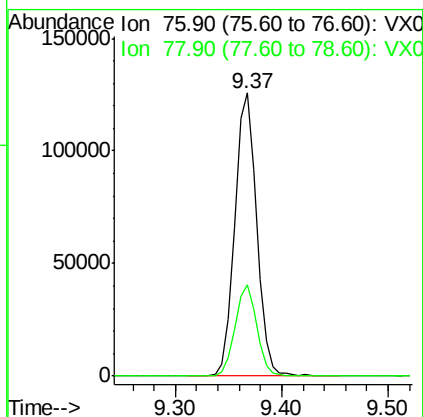
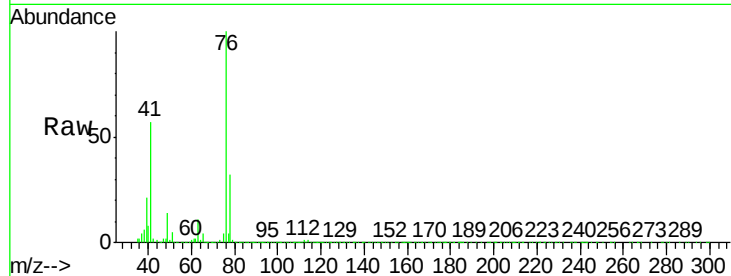
VX1226WBS02

Tgt Ion: 76 Resp: 181017

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.268 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014290.D

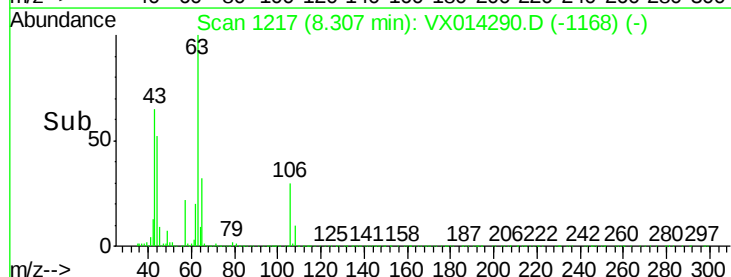
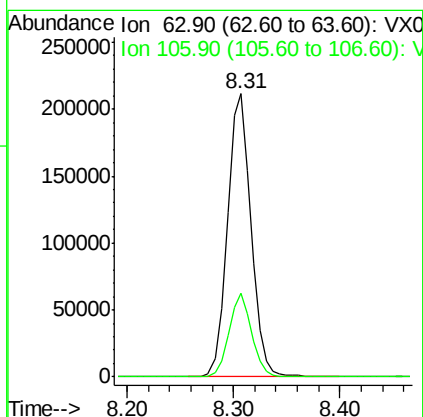
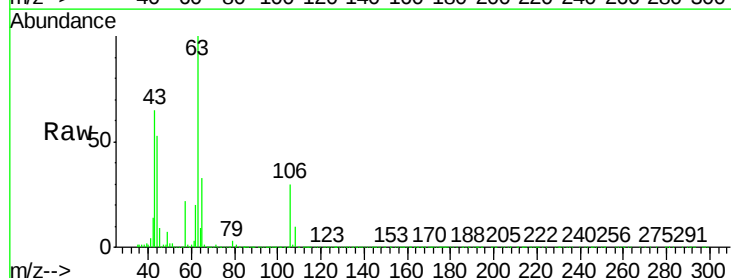
Acq: 27 Dec 2019 00:29

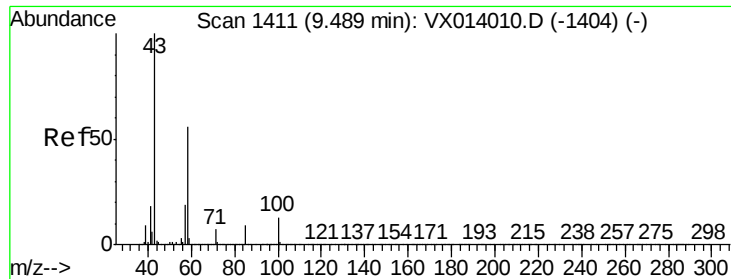
Tgt Ion: 63 Resp: 327073

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





#59

2-Hexanone

Concen: 99.355 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

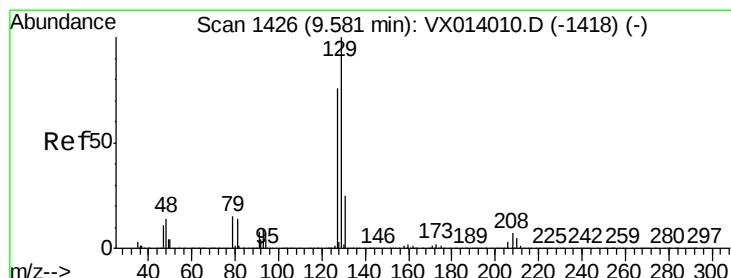
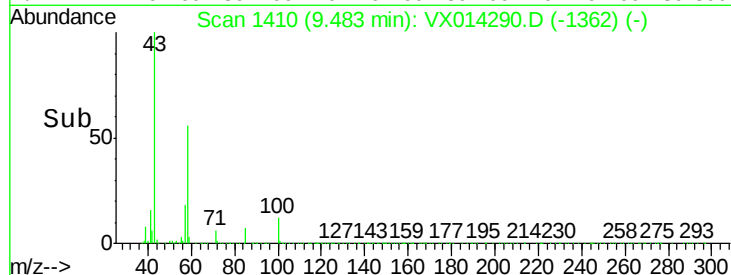
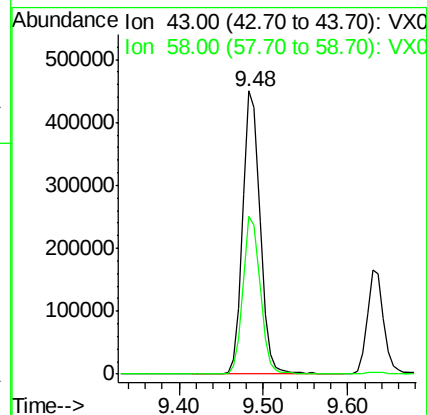
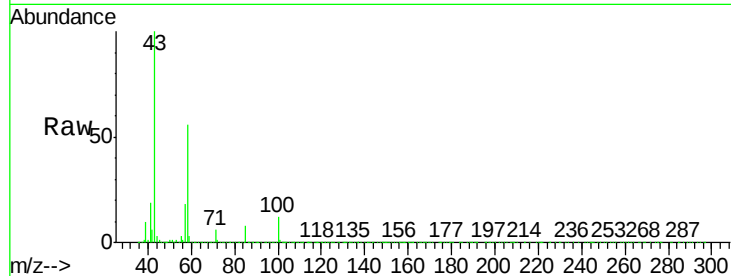
VX1226WBS02

Tgt Ion: 43 Resp: 621440

Ion Ratio Lower Upper

43 100

58 55.2 28.0 84.0



#60

Dibromochloromethane

Concen: 19.608 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014290.D

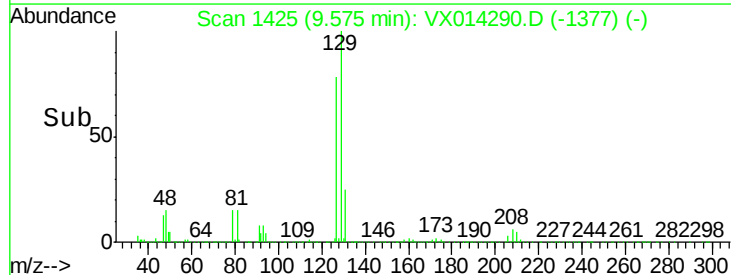
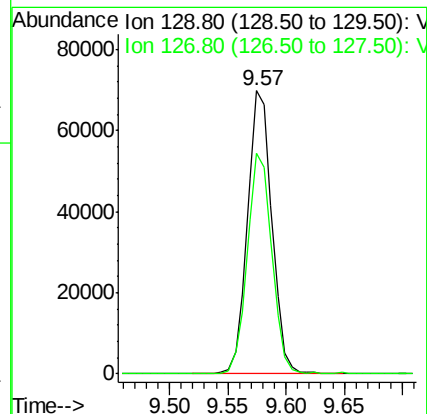
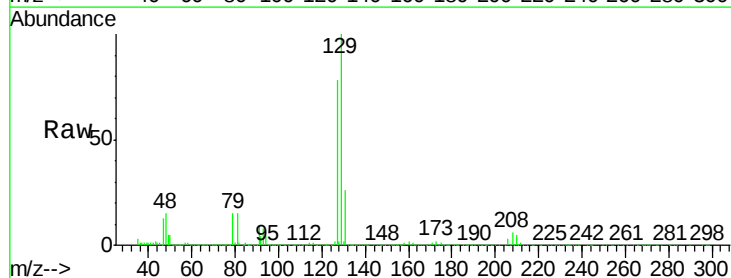
Acq: 27 Dec 2019 00:29

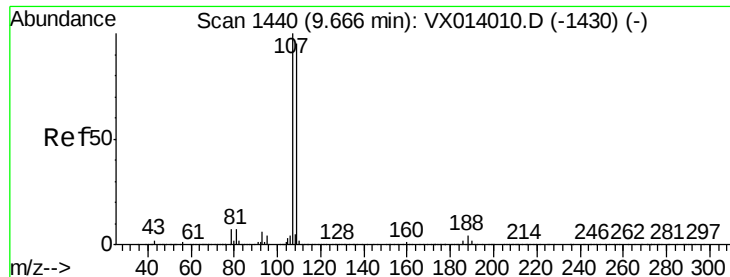
Tgt Ion: 129 Resp: 102848

Ion Ratio Lower Upper

129 100

127 77.7 38.4 115.2

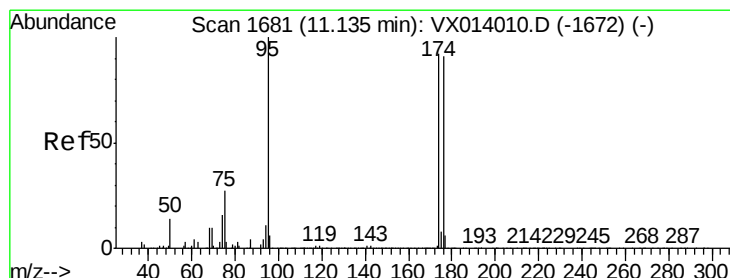
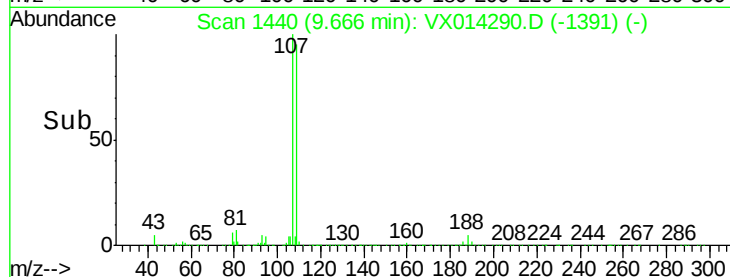
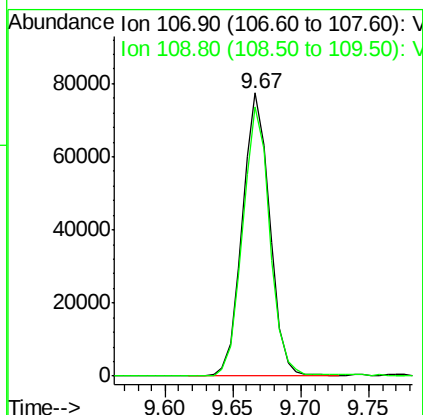
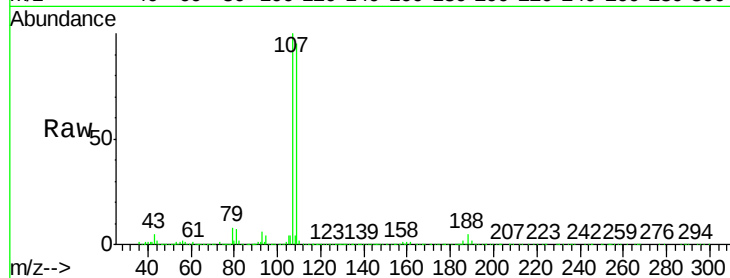




#61
 1,2-Dibromoethane
 Concen: 20.250 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

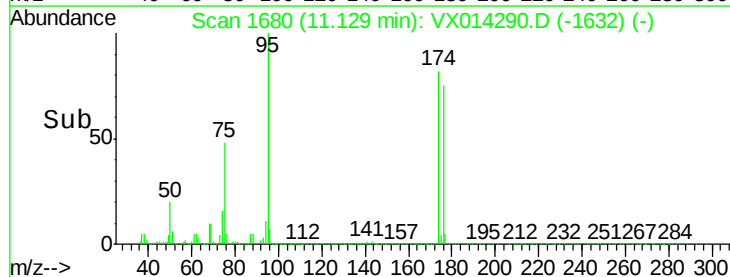
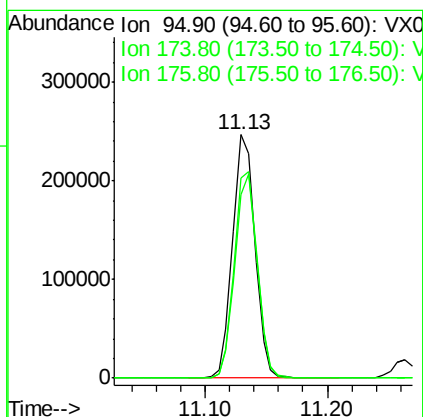
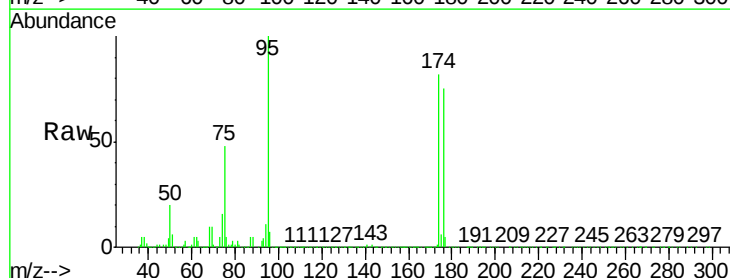
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

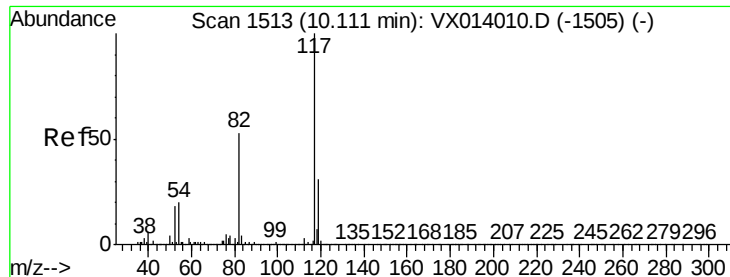
Tgt Ion: 107 Resp: 109327
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.696 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion: 95 Resp: 310824
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 175.8
 176 84.0 0.0 173.0

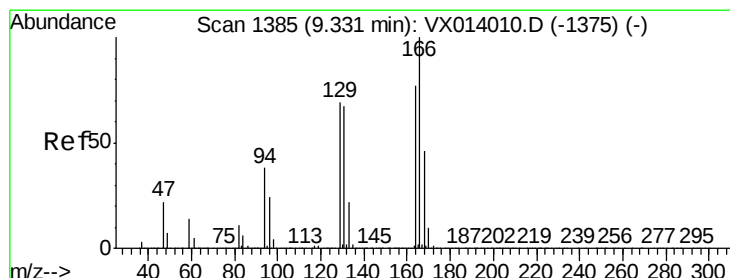
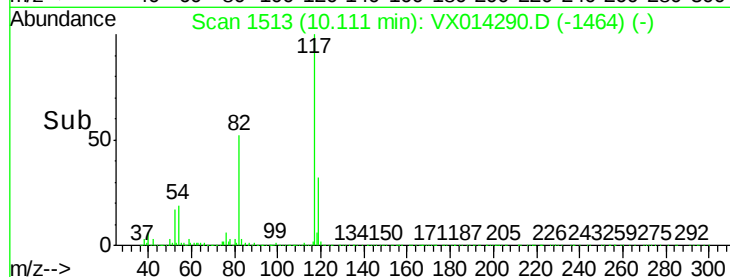
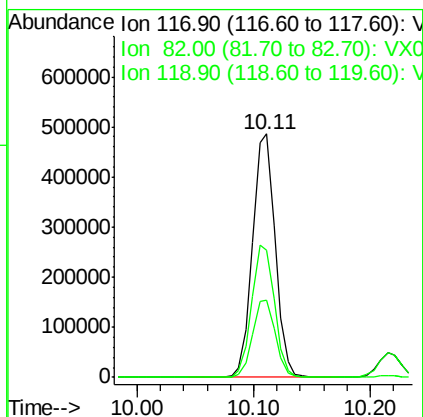
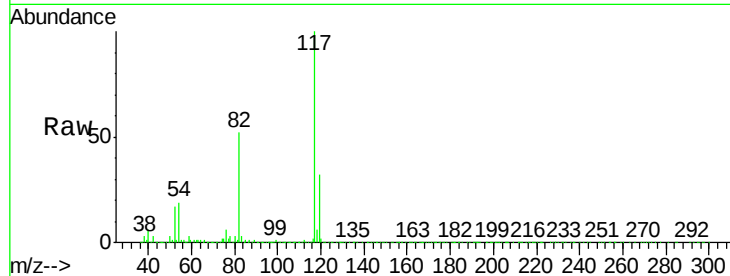




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

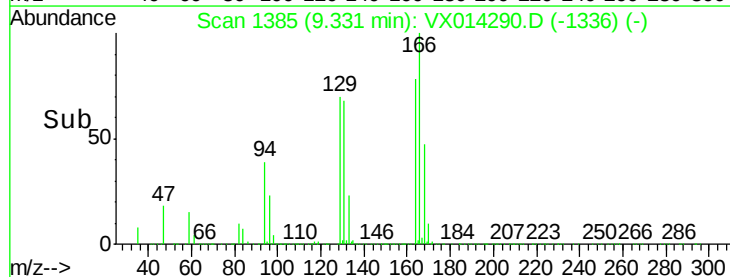
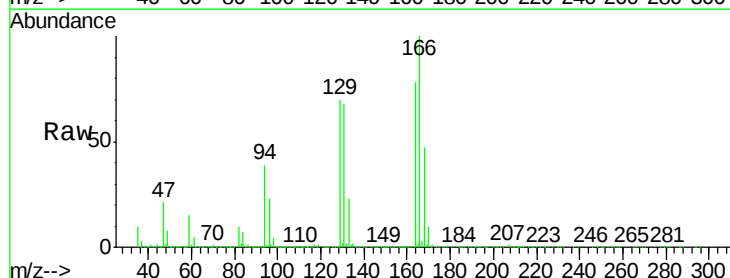
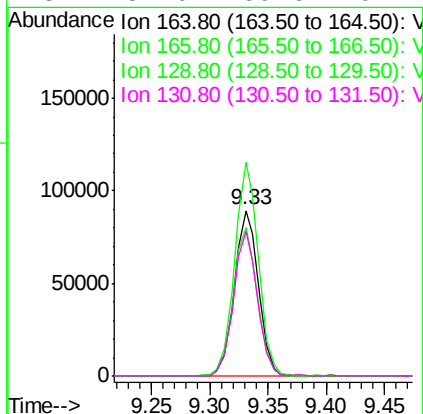
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tgt Ion:117 Resp: 660795
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 21.907 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion:164 Resp: 128096
Ion Ratio Lower Upper
164 100
166 128.9 104.0 156.0
129 89.9 72.2 108.4
131 87.0 69.6 104.4





#65

Chlorobenzene

Concen: 19.058 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

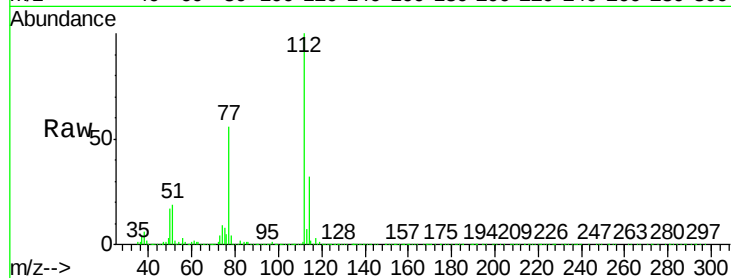
VX1226WBS02

Tgt Ion:112 Resp: 267767

Ion Ratio Lower Upper

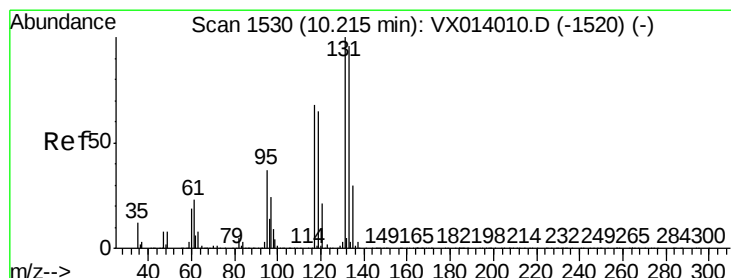
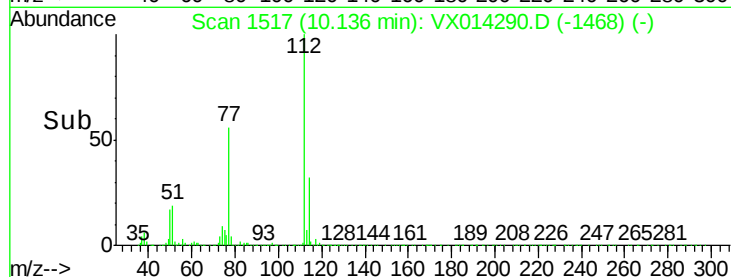
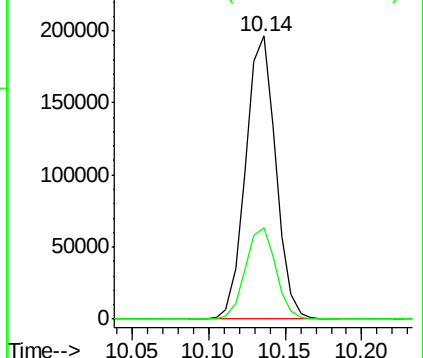
112 100

114 32.2 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: 19.549 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

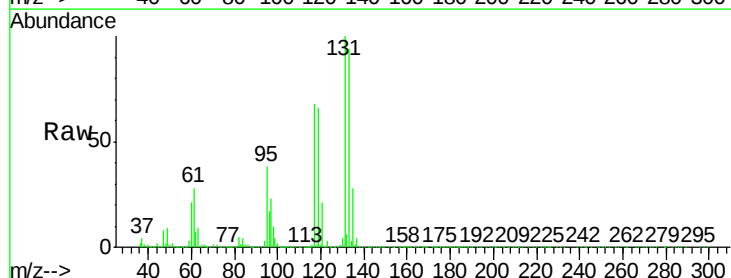
Tgt Ion:131 Resp: 98072

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

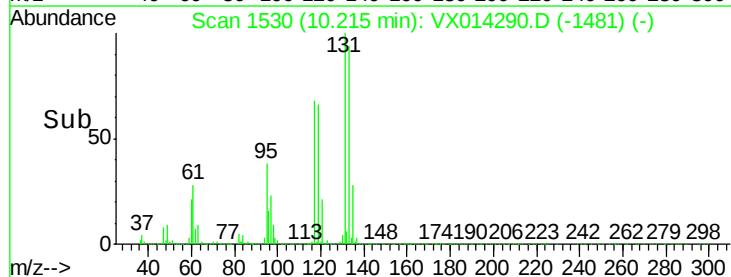
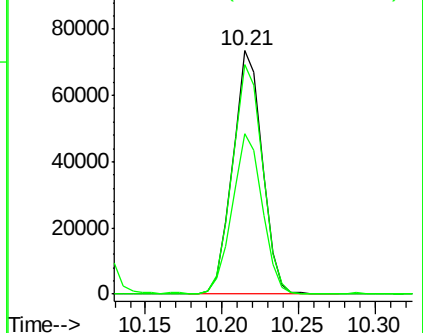
119 67.3 33.4 100.2

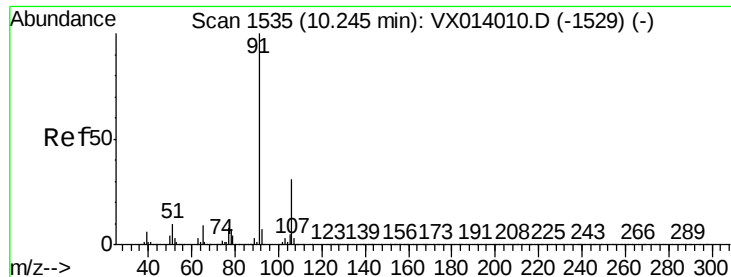


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

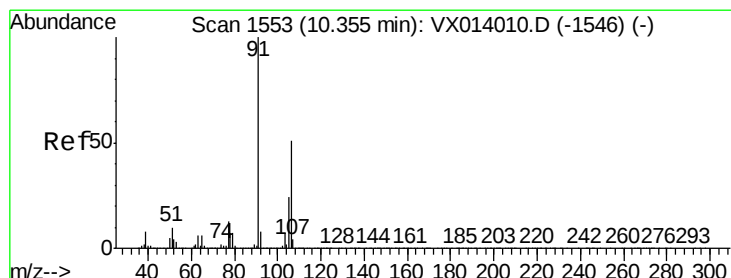
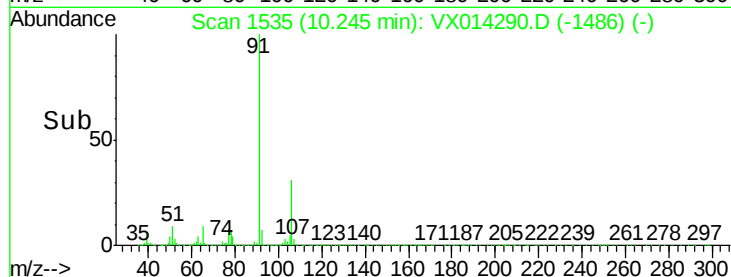
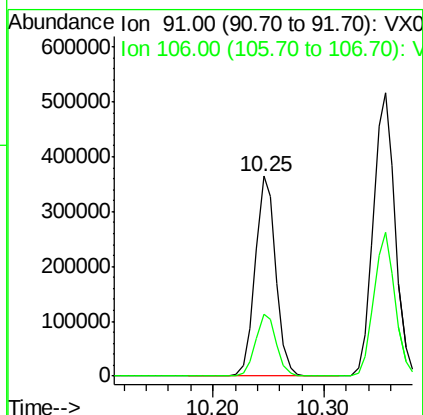
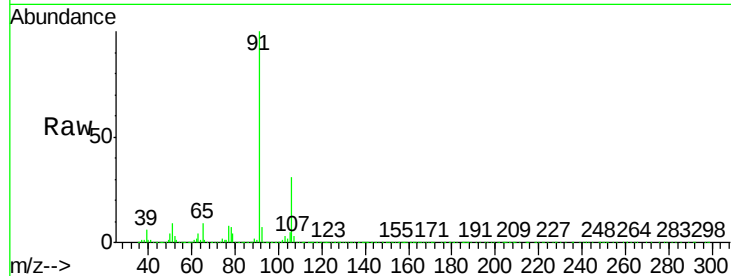




#67
Ethyl Benzene
Concen: 19.428 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

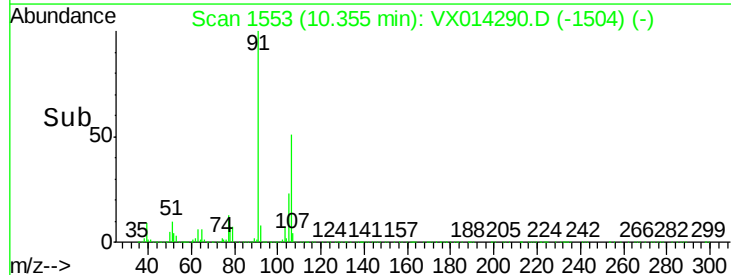
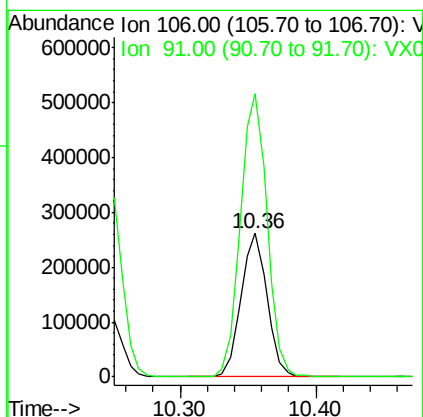
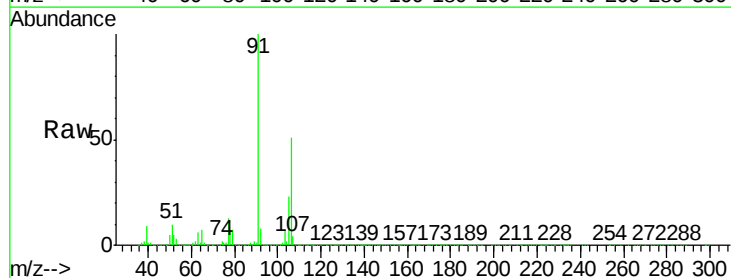
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

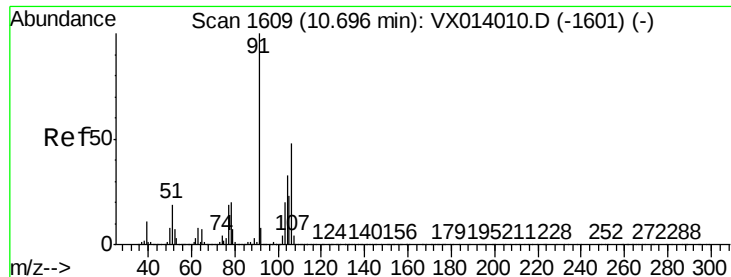
Tgt Ion: 91 Resp: 469287
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 37.539 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 106 Resp: 348756
Ion Ratio Lower Upper
106 100
91 202.8 158.6 238.0

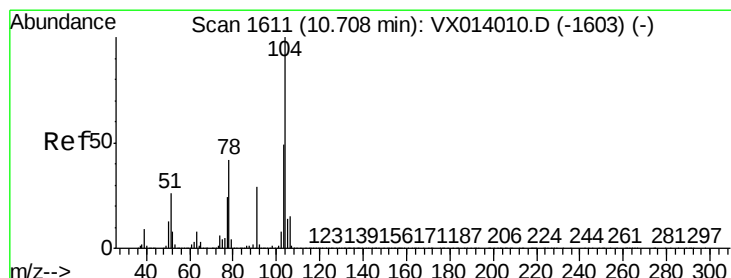
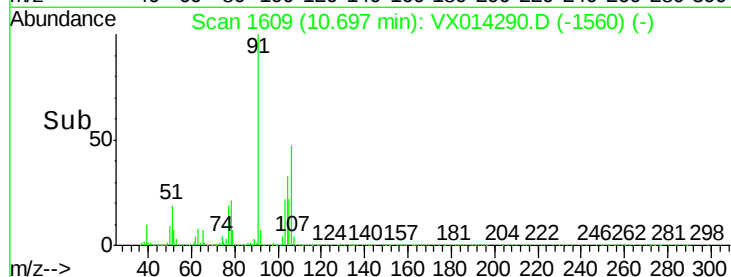
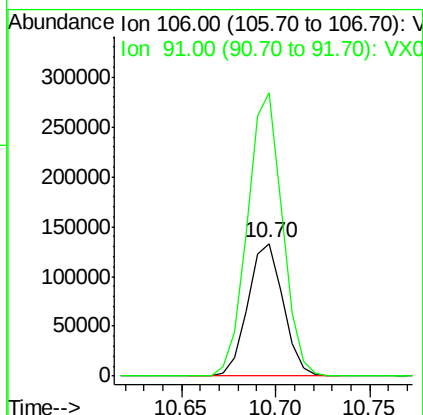
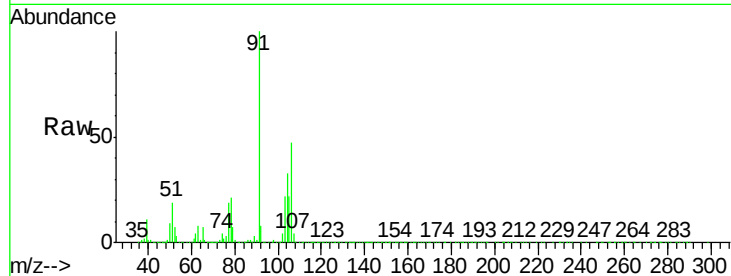




#69
o-Xylene
Concen: 19.001 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

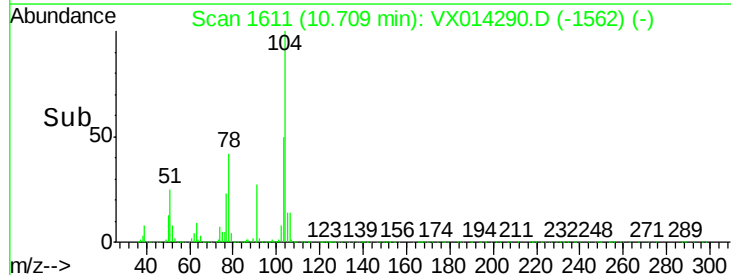
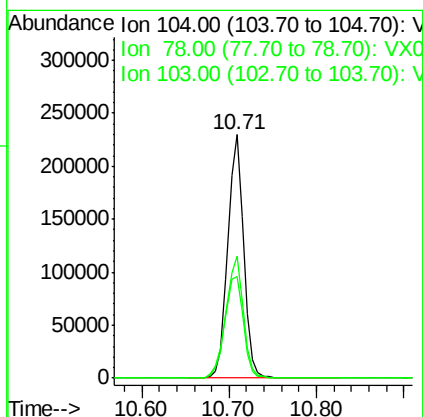
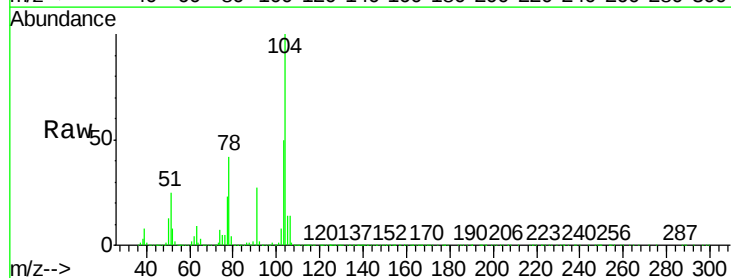
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

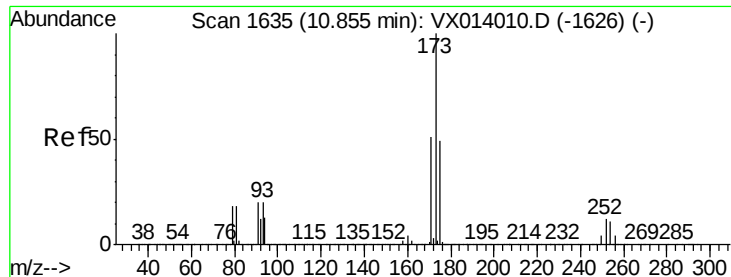
Tgt Ion:106 Resp: 173128
Ion Ratio Lower Upper
106 100
91 211.6 104.2 312.6



#70
Styrene
Concen: 18.795 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion:104 Resp: 289583
Ion Ratio Lower Upper
104 100
78 49.4 38.5 57.7
103 54.7 42.9 64.3





#71

Bromoform

Concen: 19.103 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

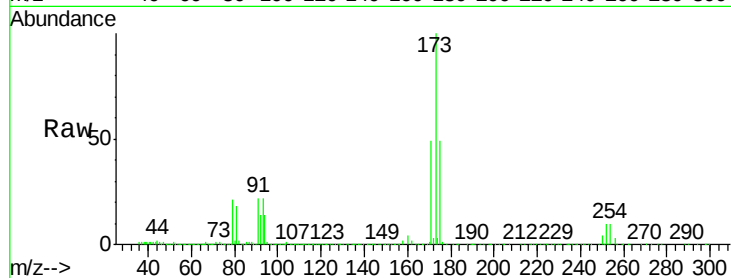
Tgt Ion:173 Resp: 77033

Ion Ratio Lower Upper

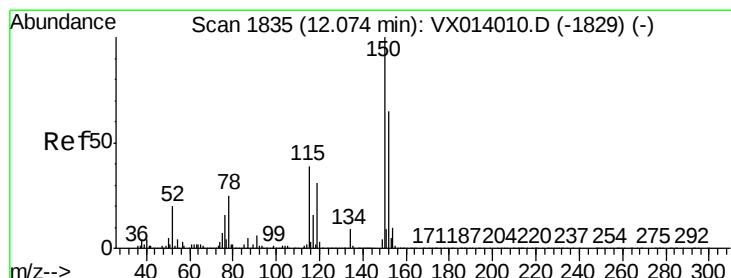
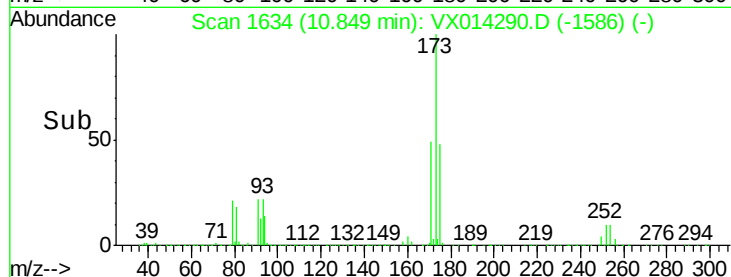
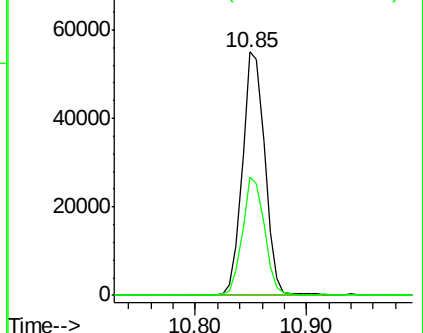
173 100

175 48.0 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: VX014290.D

Acq: 27 Dec 2019 00:29

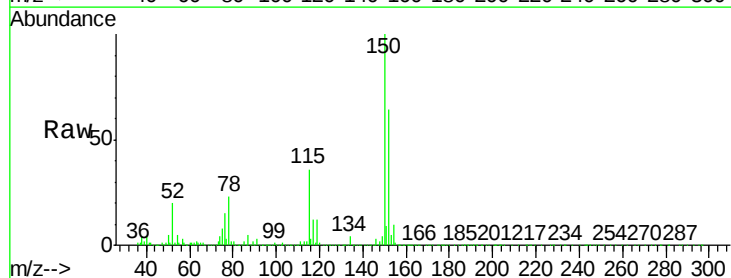
Tgt Ion:152 Resp: 318800

Ion Ratio Lower Upper

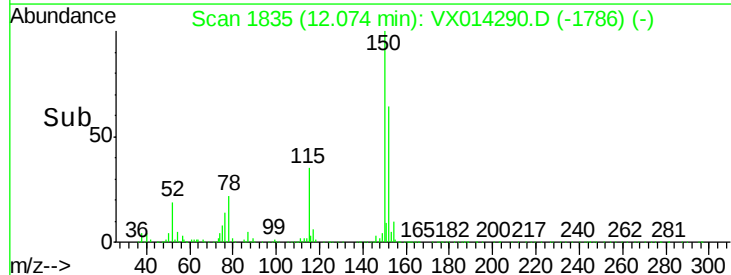
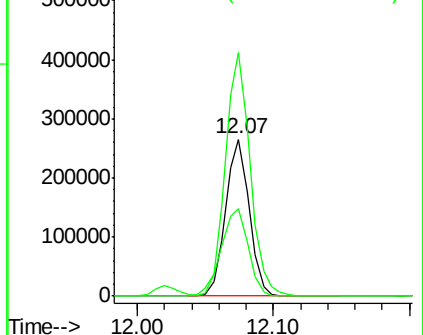
152 100

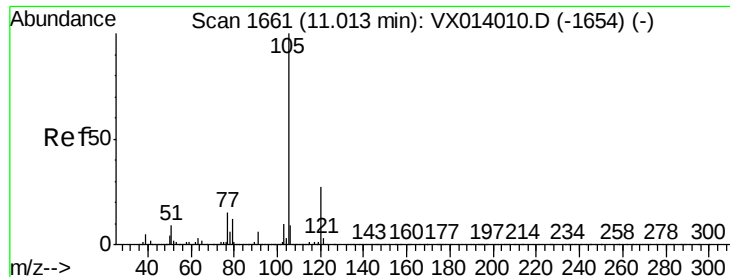
115 63.8 38.3 114.9

150 162.4 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: 20.313 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

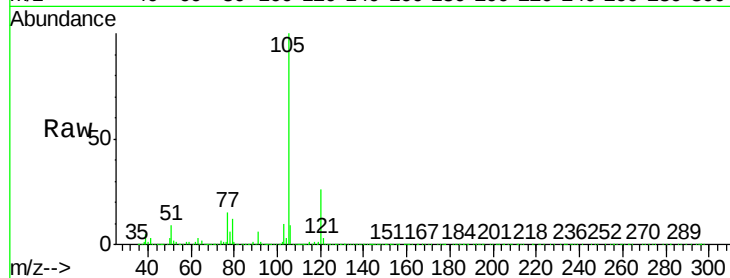
VX1226WBS02

Tgt Ion: 105 Resp: 455939

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

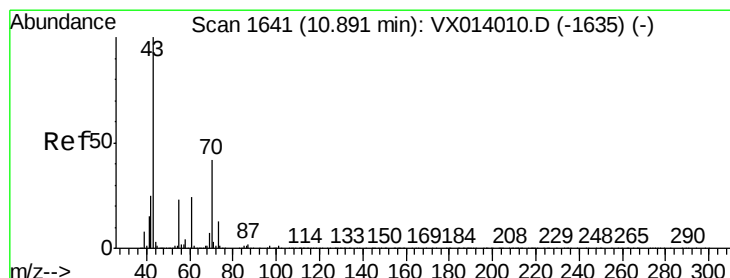
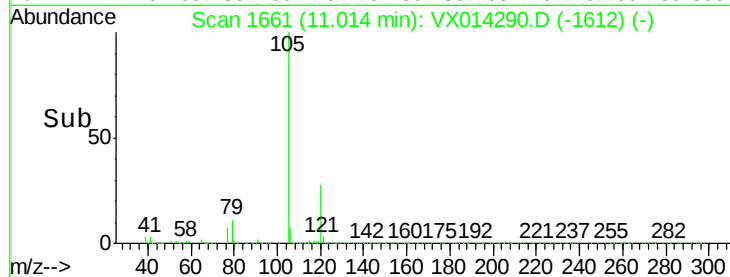
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.015 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion: 43 Resp: 210582

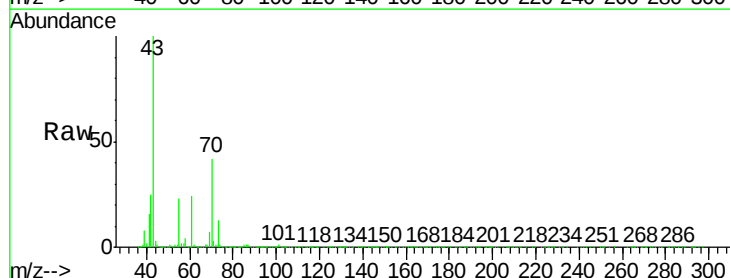
Ion Ratio Lower Upper

43 100

70 42.9 34.4 51.6

55 24.1 19.1 28.7

61 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

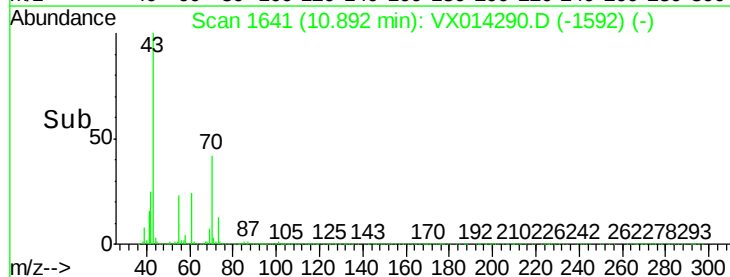
50000

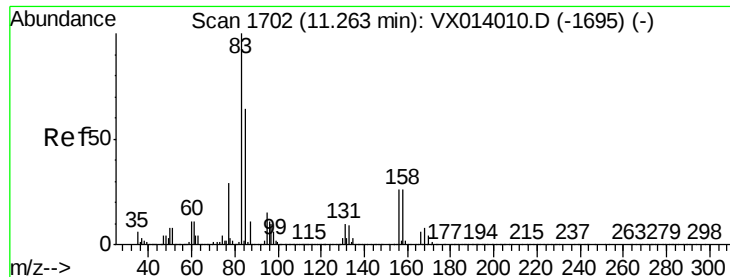
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.309 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

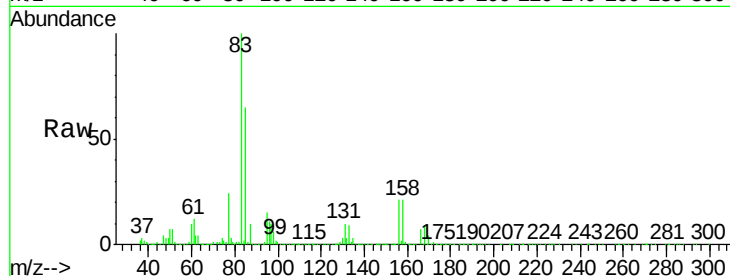
Tgt Ion: 83 Resp: 158045

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

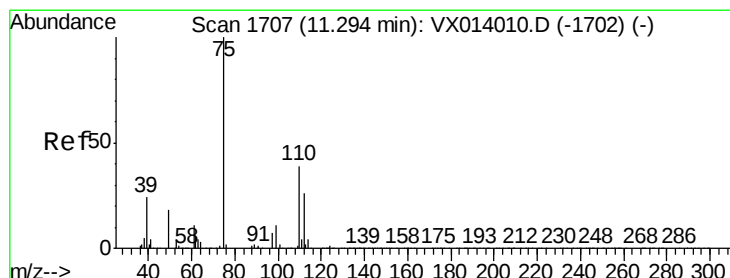
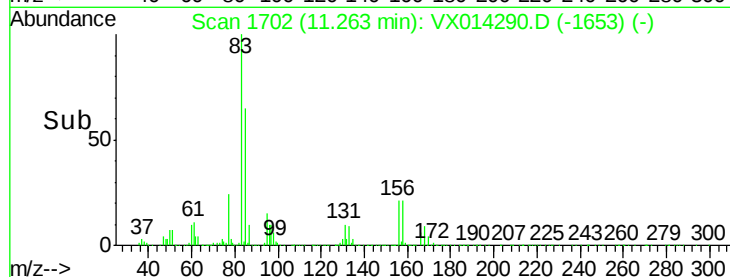
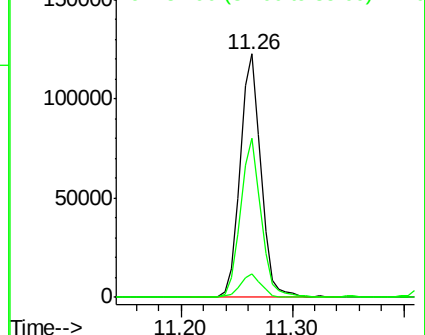
85 65.1 31.9 95.7



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: 25.023 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014290.D

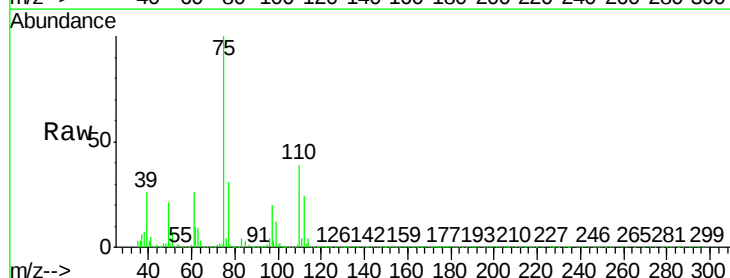
Acq: 27 Dec 2019 00:29

Tgt Ion: 75 Resp: 173186

Ion Ratio Lower Upper

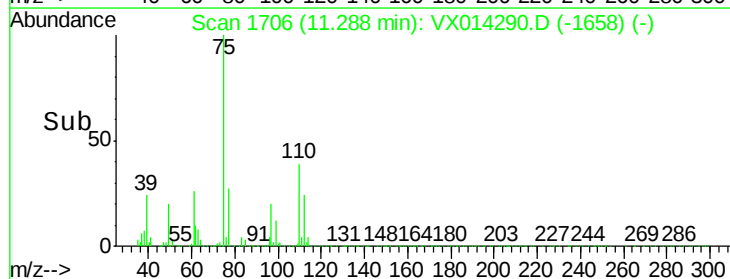
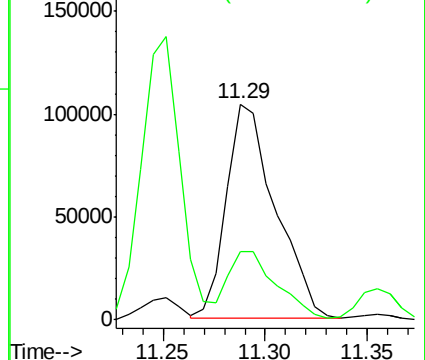
75 100

77 31.1 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: 19.186 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

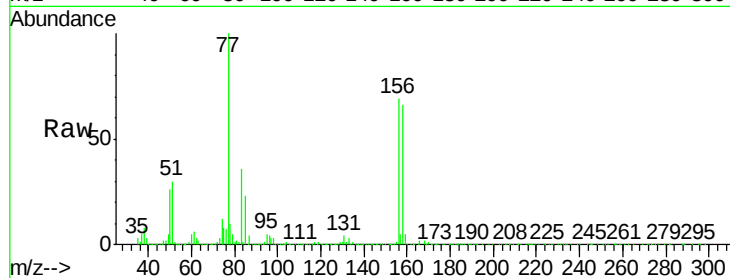
Tgt Ion: 156 Resp: 118489

Ion Ratio Lower Upper

156 100

77 154.0 76.5 229.5

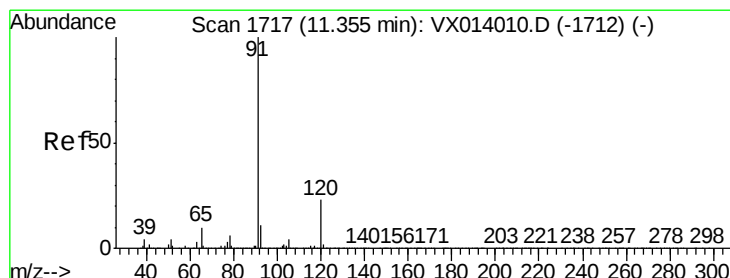
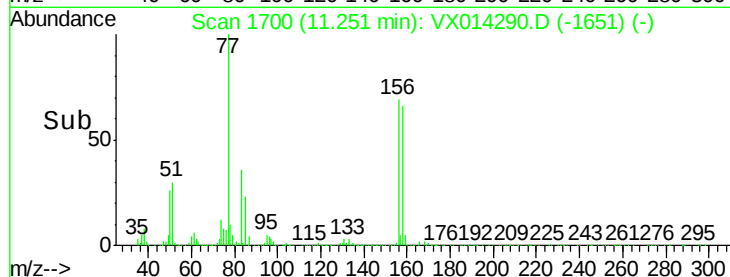
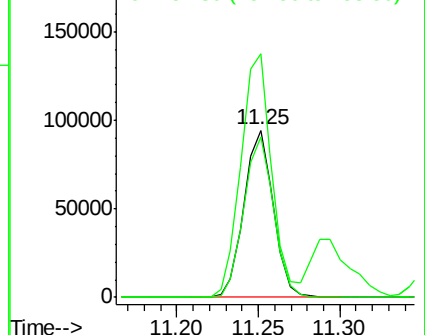
158 97.6 49.3 147.9



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: 20.024 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014290.D

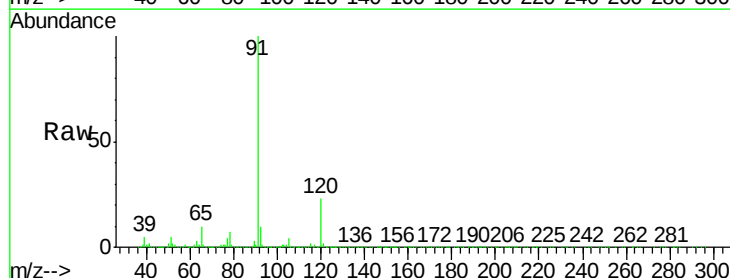
Acq: 27 Dec 2019 00:29

Tgt Ion: 91 Resp: 504153

Ion Ratio Lower Upper

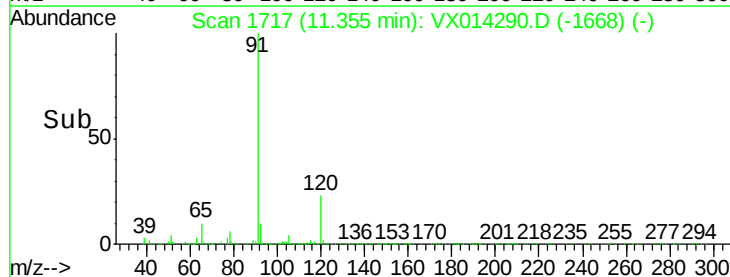
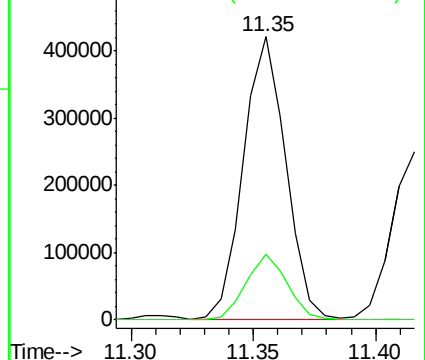
91 100

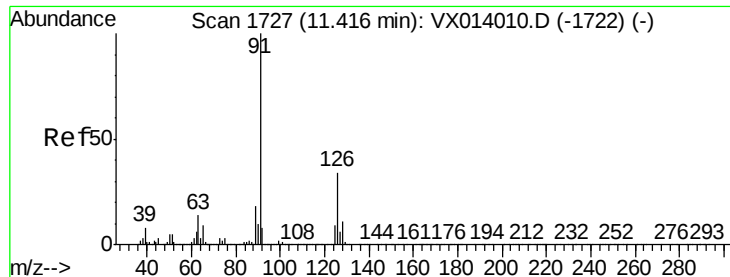
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

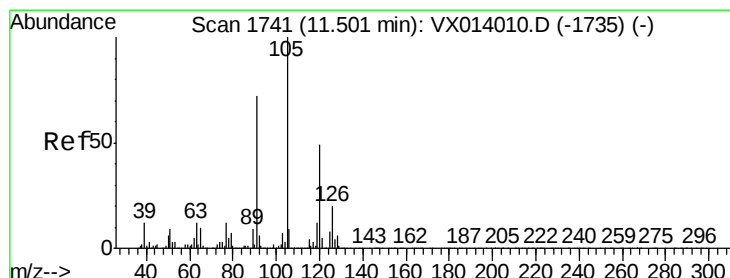
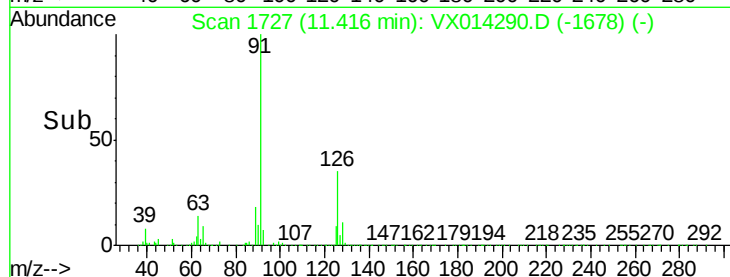
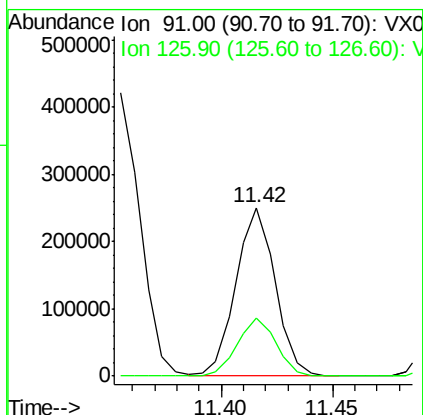
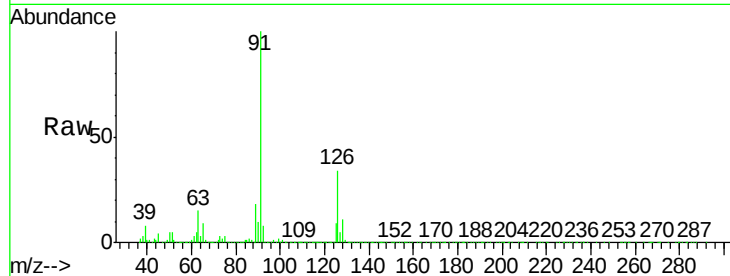




#79
 2-Chlorotoluene
 Concen: 20.035 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

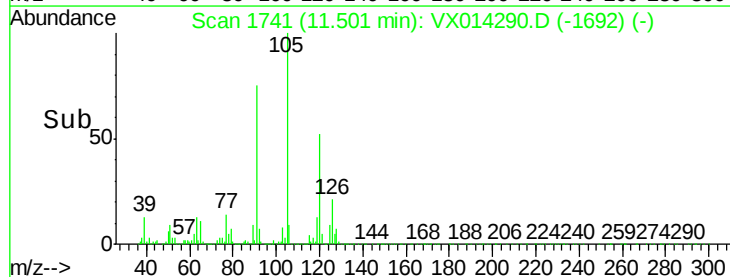
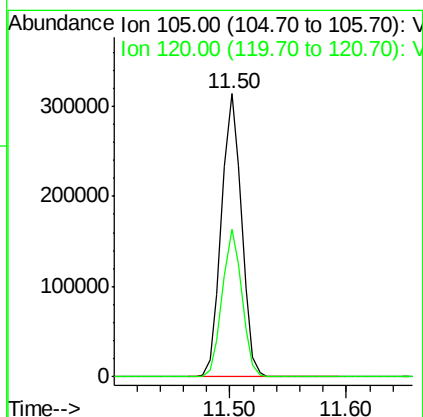
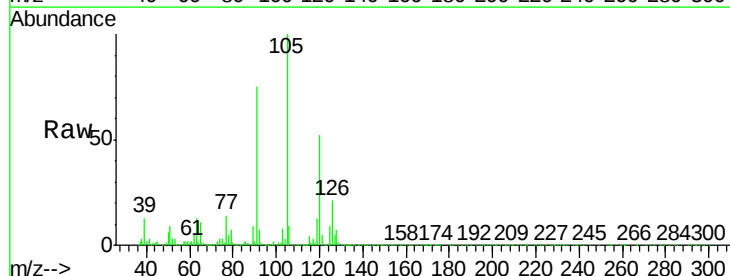
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

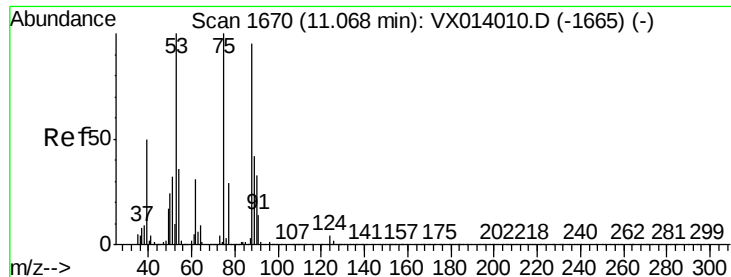
Tgt Ion: 91 Resp: 306626
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.691 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion: 105 Resp: 371966
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.561 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

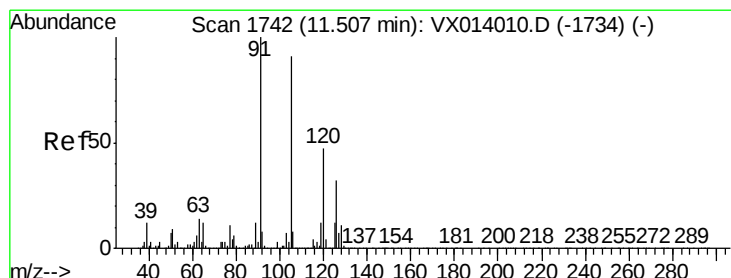
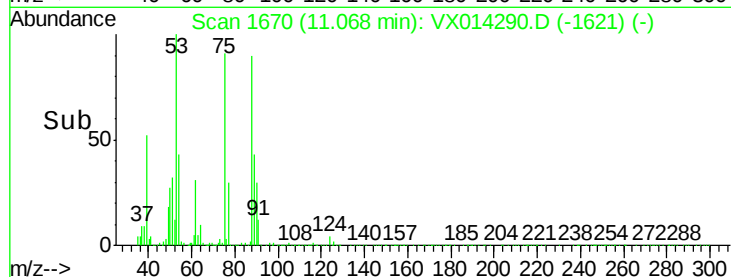
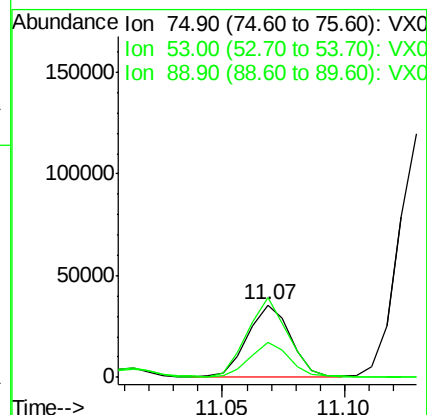
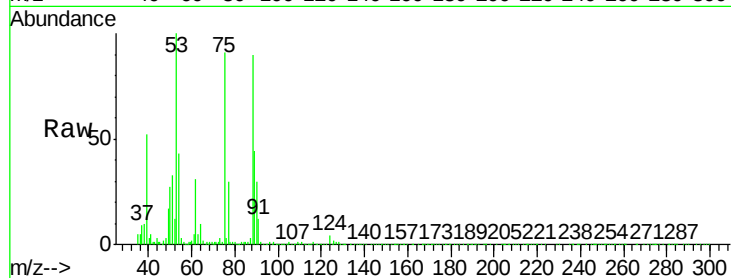
Tgt Ion: 75 Resp: 43062

Ion Ratio Lower Upper

75 100

53 105.2 76.7 115.1

89 45.5 34.6 51.8



#82

4-Chlorotoluene

Concen: 19.441 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014290.D

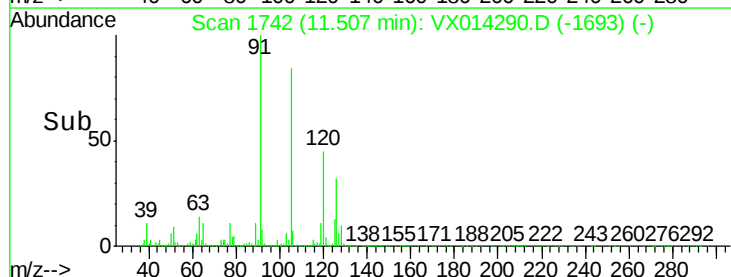
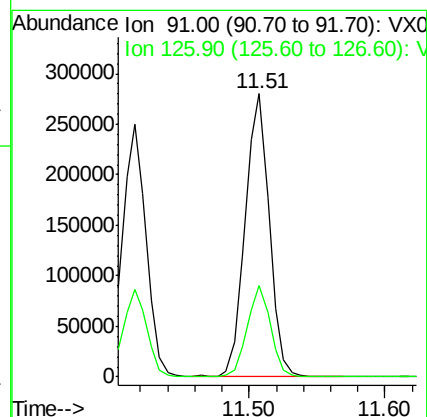
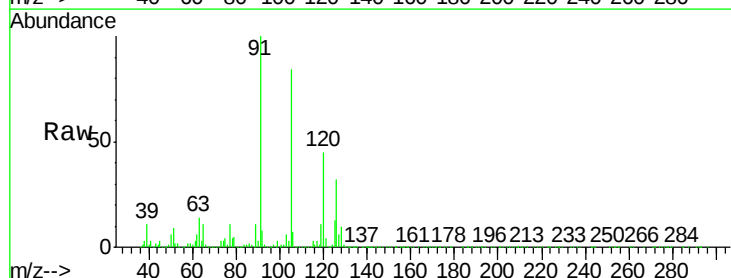
Acq: 27 Dec 2019 00:29

Tgt Ion: 91 Resp: 345135

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.8

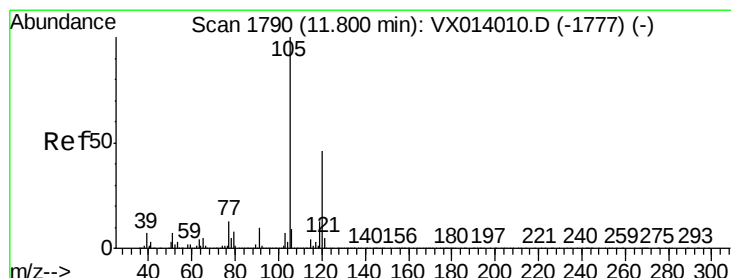
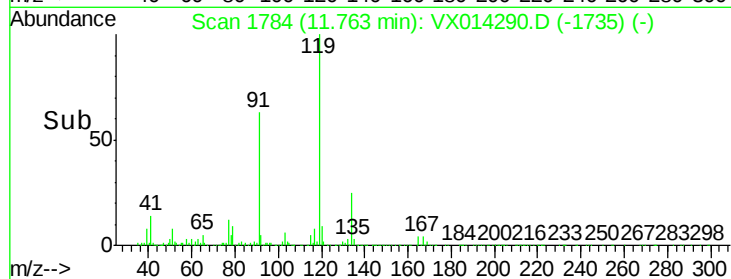
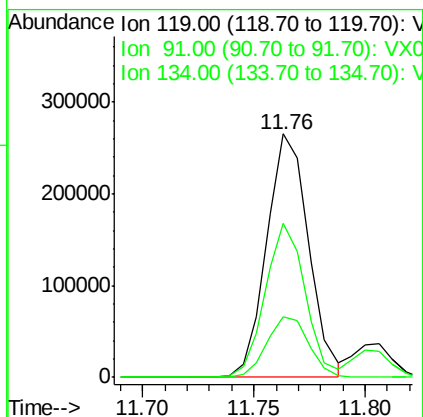
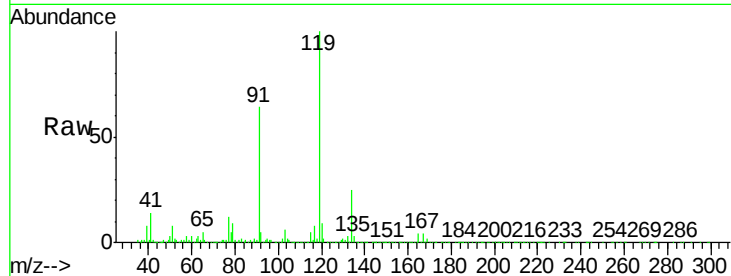




#83
tert-Butylbenzene
Concen: 18.851 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

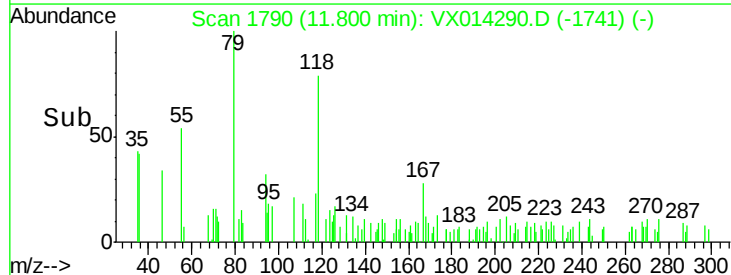
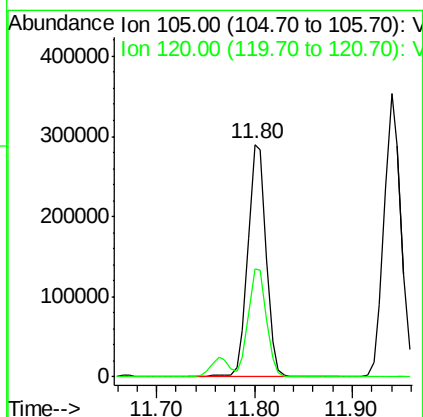
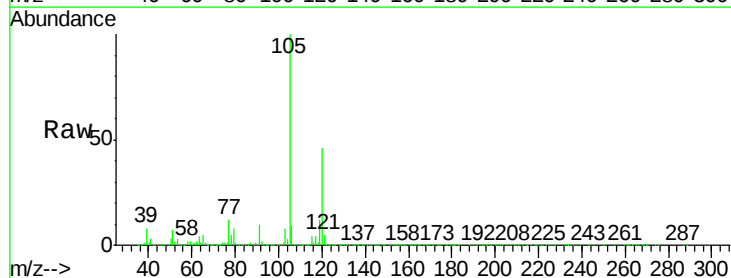
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

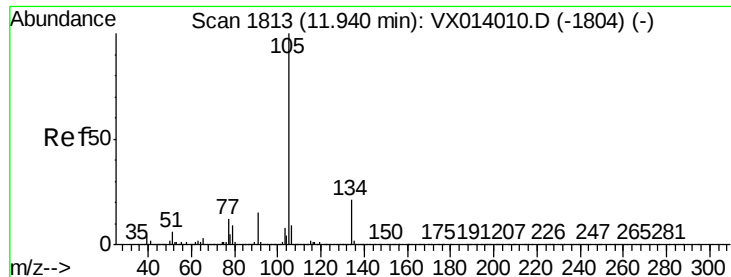
Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.4	28.5	85.6
134	25.1	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.892 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2

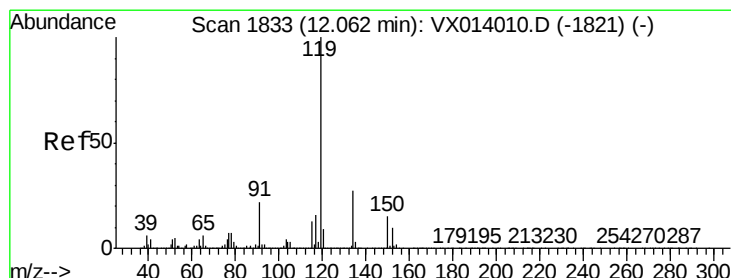
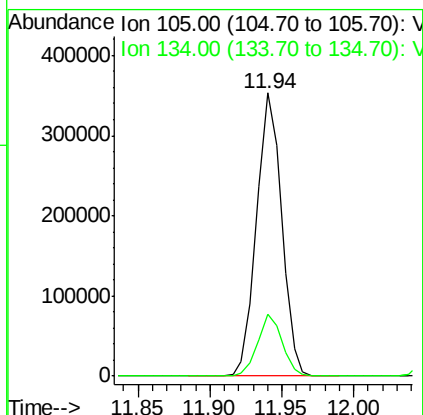
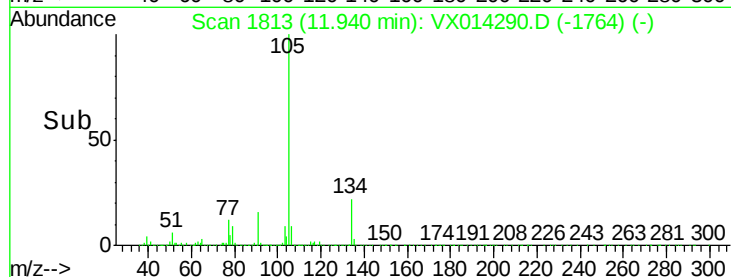
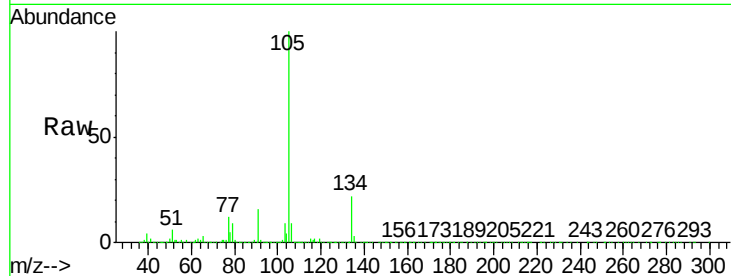




#85
 sec-Butylbenzene
 Concen: 19.506 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

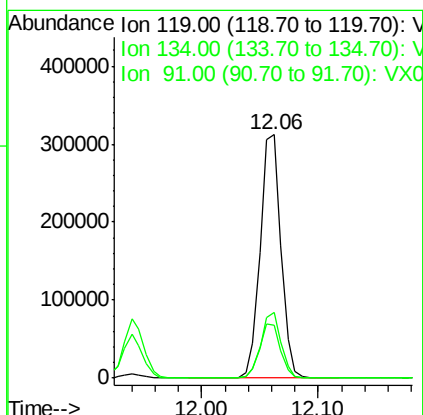
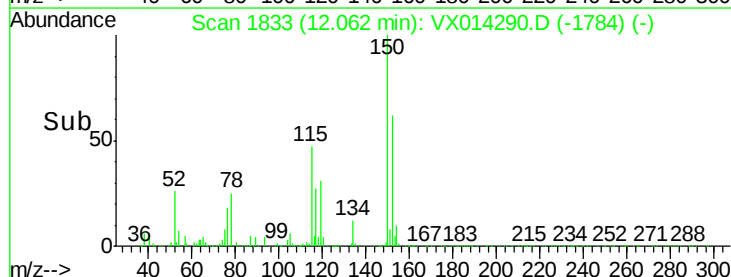
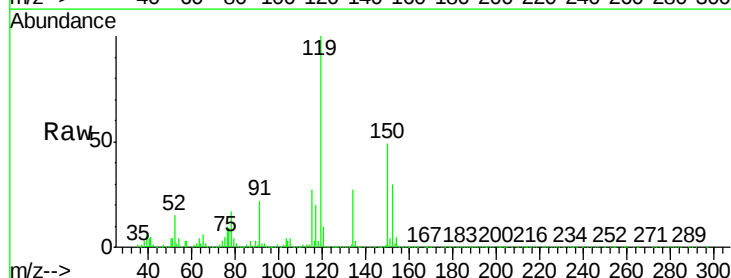
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

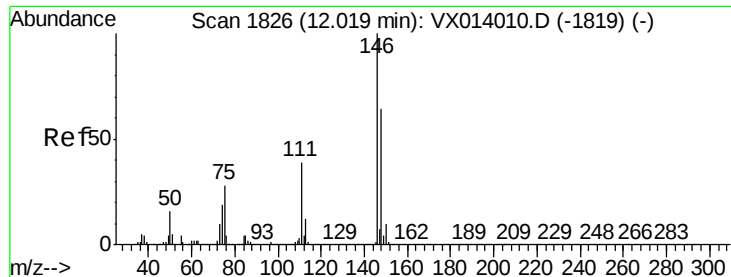
Tgt Ion:105 Resp: 423317
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.640 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion:119 Resp: 389886
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 22.6 11.4 34.1

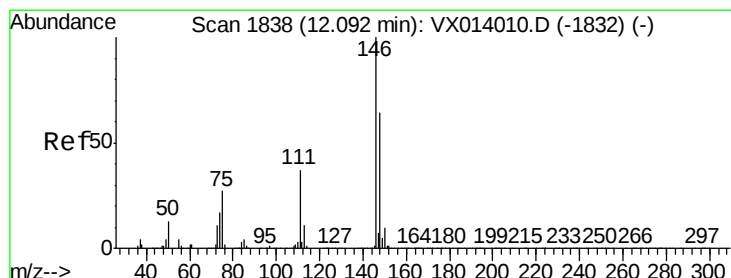
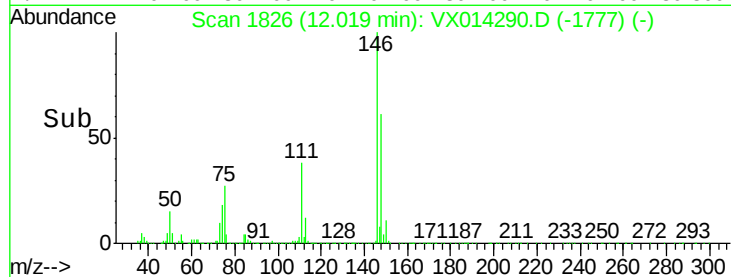
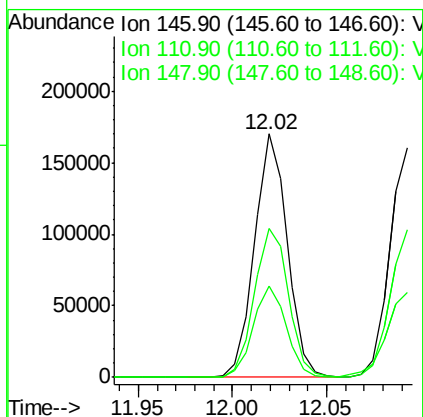
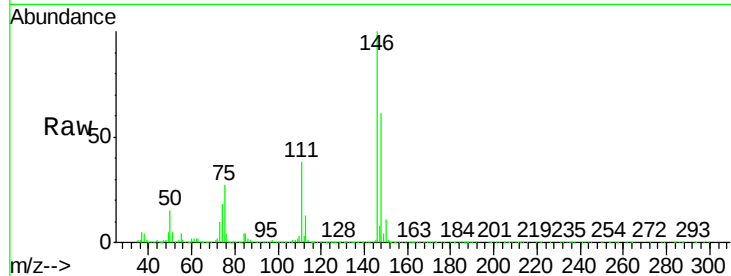




#87
 1,3-Dichlorobenzene
 Concen: 18.948 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

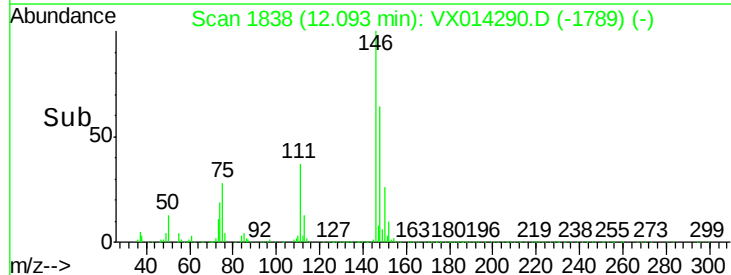
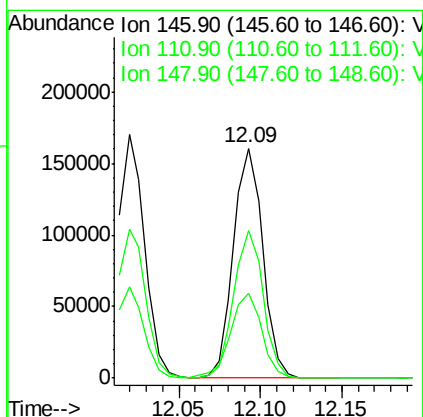
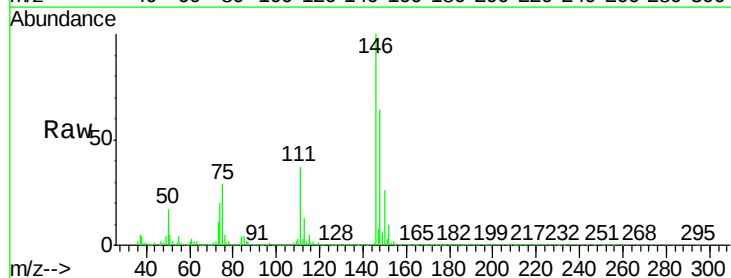
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Tgt Ion:146 Resp: 205083
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 63.7 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 18.314 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion:146 Resp: 201554
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.7 56.1
 148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 18.626 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

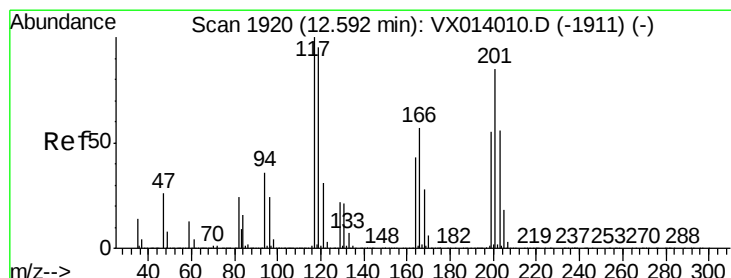
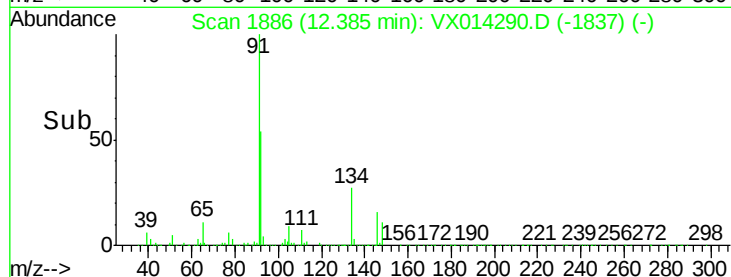
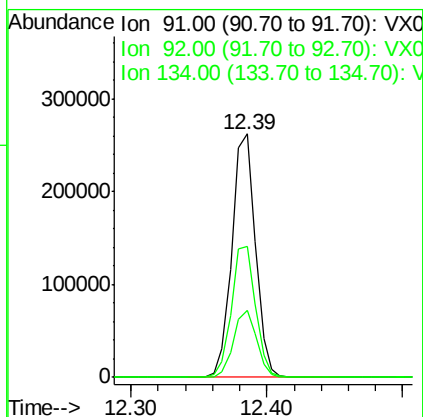
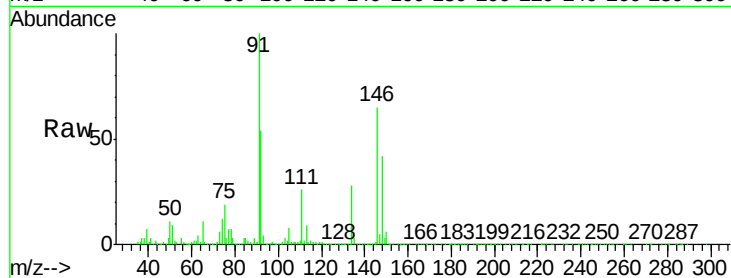
Tgt Ion: 91 Resp: 315513

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.6

134 27.3 13.4 40.1



#90

Hexachloroethane

Concen: 18.784 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014290.D

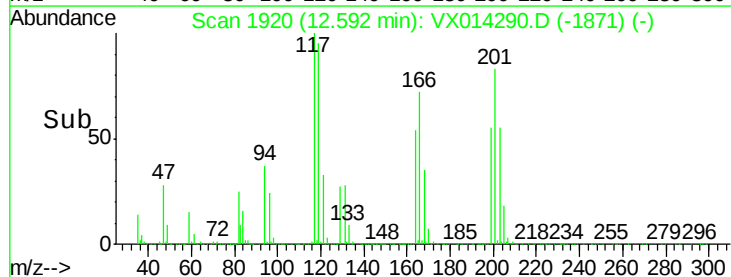
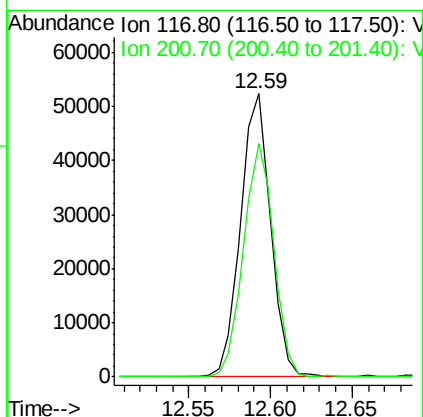
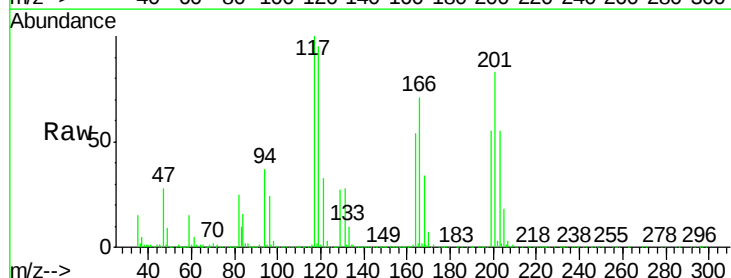
Acq: 27 Dec 2019 00:29

Tgt Ion: 117 Resp: 66978

Ion Ratio Lower Upper

117 100

201 83.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.941 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

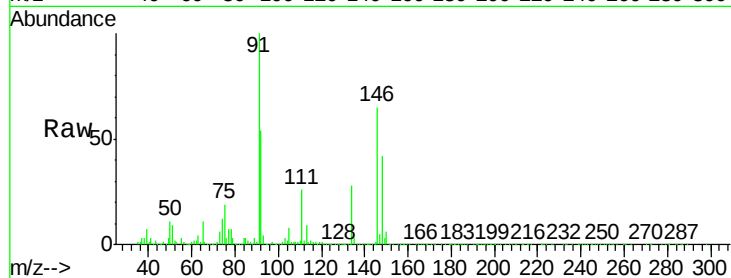
Tgt Ion:146 Resp: 206375

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

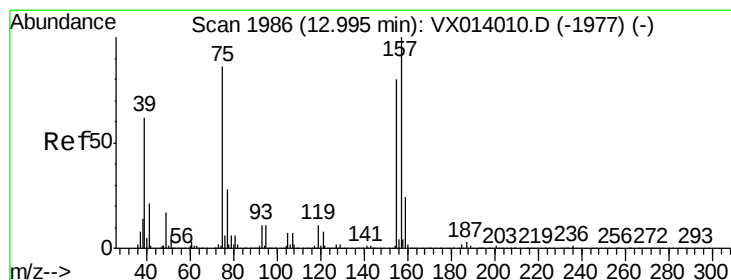
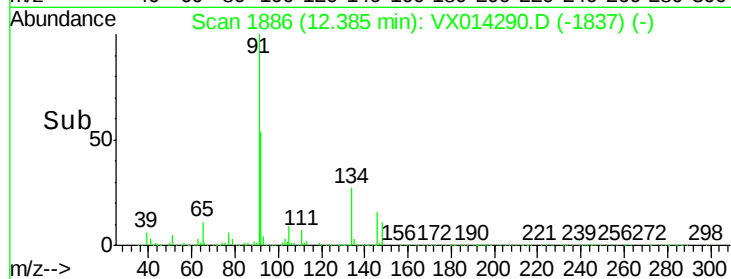
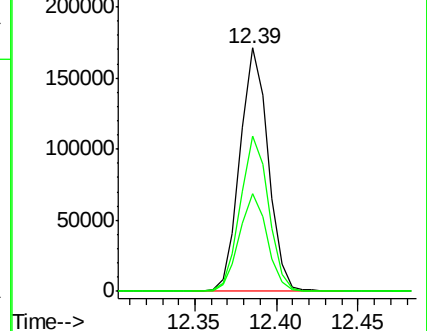
148 64.0 32.1 96.5



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: 19.133 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

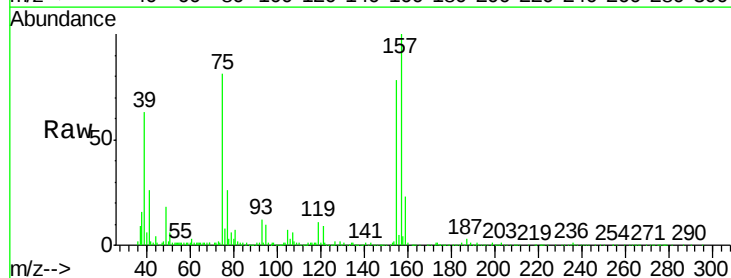
Tgt Ion: 75 Resp: 32949

Ion Ratio Lower Upper

75 100

155 94.9 46.9 140.6

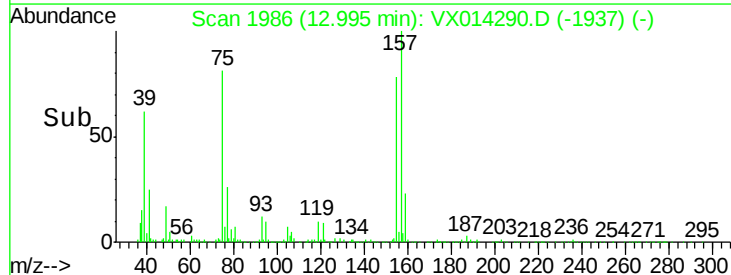
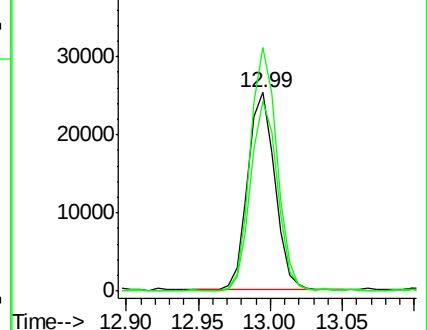
157 121.6 60.8 182.4

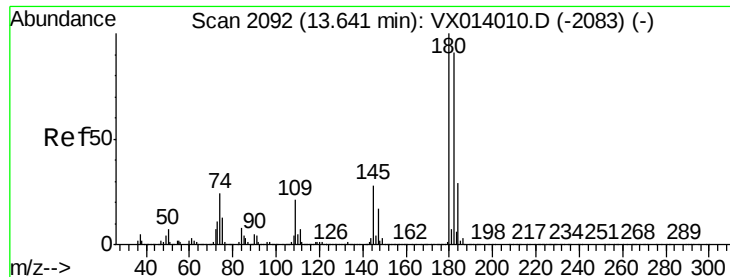


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

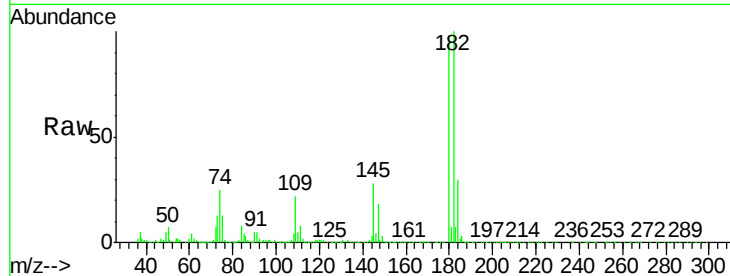




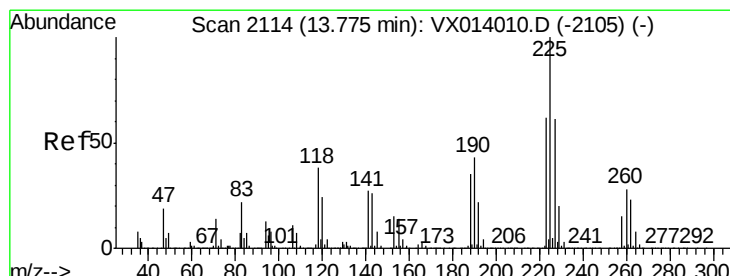
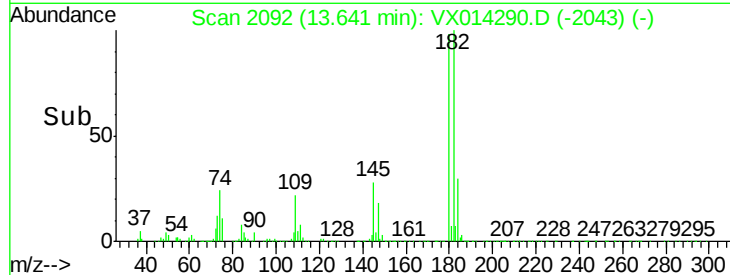
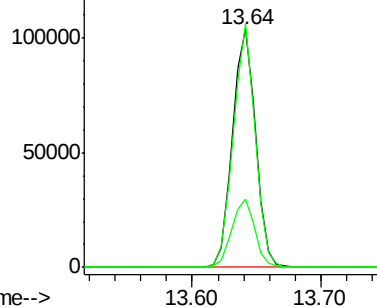
#93
 1,2,4-Trichlorobenzene
 Concen: 18.137 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX1226WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.6	139.8
145	28.8	14.2	42.6

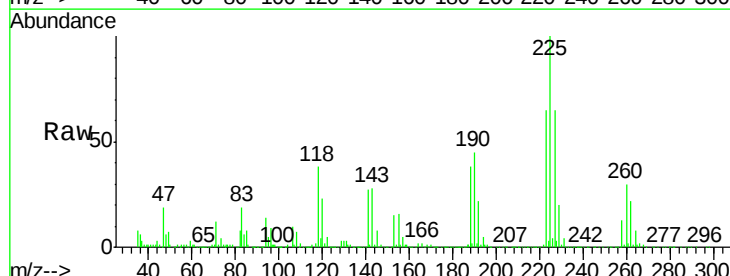


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

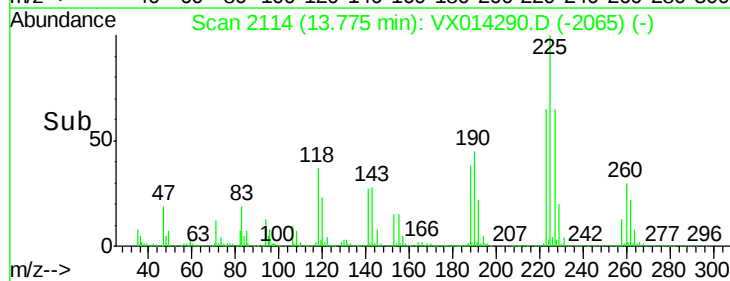
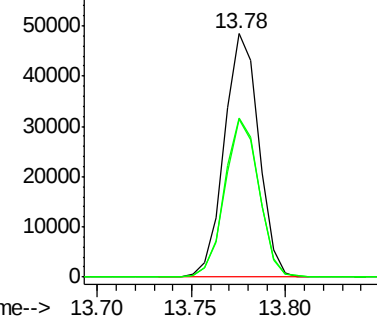


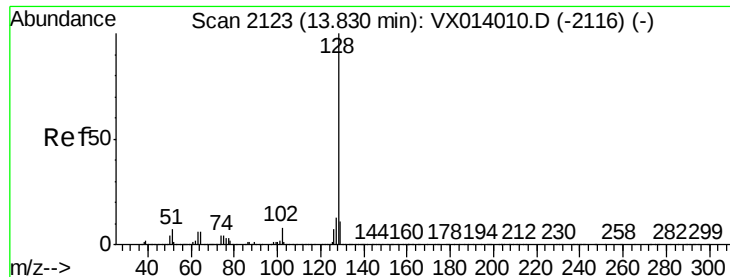
#94
 Hexachlorobutadiene
 Concen: 18.000 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	30.9	92.5
227	65.5	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

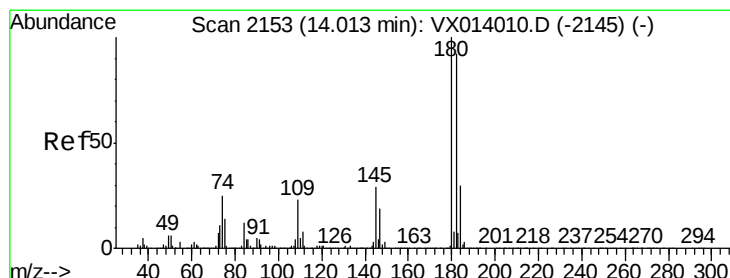
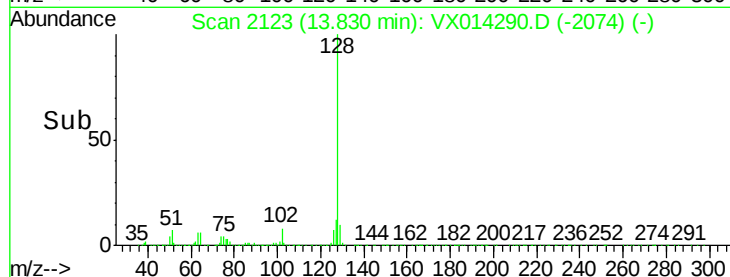
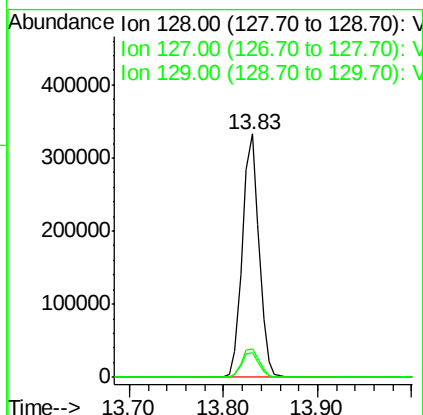
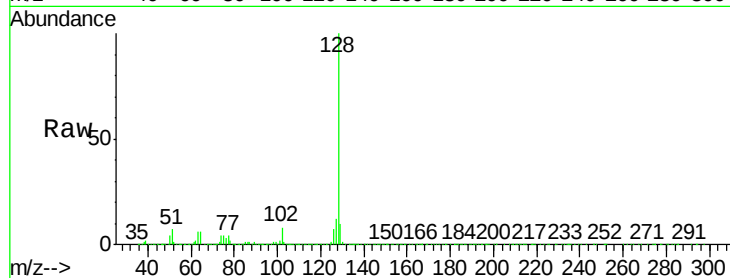




#95
Naphthalene
Concen: 19.724 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tgt Ion:128 Resp: 410395
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.220 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion:180 Resp: 134358
Ion Ratio Lower Upper
180 100
182 95.5 46.8 140.3
145 31.2 14.8 44.4

