

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
 Data File : VX014304.D
 Acq On : 27 Dec 2019 13:15
 Operator : JC/SP
 Sample : VX1227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Quant Time: Dec 30 05:33:47 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	502000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	756236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	675604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335091	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	279188	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	232910	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	895499	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	316921	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	72939	16.241	ug/l 99
3) Chloromethane	1.32	50	106172	17.616	ug/l 99
4) Vinyl Chloride	1.40	62	111335	17.507	ug/l 98
5) Bromomethane	1.63	94	70812	15.688	ug/l 97
6) Chloroethane	1.72	64	74614	19.010	ug/l 98
7) Trichlorofluoromethane	1.92	101	144581	18.365	ug/l 99
8) Diethyl Ether	2.18	74	68900	18.648	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89297	18.817	ug/l 99
10) Methyl Iodide	2.50	142	91746	16.512	ug/l 99
11) Tert butyl alcohol	3.02	59	102701	83.540	ug/l 98
12) 1,1-Dichloroethene	2.37	96	84094	17.415	ug/l 99
13) Acrolein	2.28	56	65112	92.524	ug/l 97
14) Allyl chloride	2.72	41	159837	18.538	ug/l 98
15) Acrylonitrile	3.12	53	272307	94.899	ug/l 98
16) Acetone	2.43	43	299472	81.077	ug/l 99
17) Carbon Disulfide	2.56	76	213580	16.443	ug/l 99
18) Methyl Acetate	2.76	43	137554	18.794	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	298610	18.818	ug/l 97
20) Methylene Chloride	2.84	84	104225	17.919	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	93026	17.486	ug/l 95
22) Diisopropyl ether	3.84	45	337578	19.648	ug/l 91
23) Vinyl Acetate	3.80	43	1376601	98.182	ug/l 100
24) 1,1-Dichloroethane	3.69	63	179965	18.827	ug/l 99
25) 2-Butanone	4.65	43	408777	89.764	ug/l 96
26) 2,2-Dichloropropane	4.56	77	138158	18.615	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	110920	18.436	ug/l 99
28) Bromochloromethane	5.00	49	78966	21.739	ug/l 96
29) Tetrahydrofuran	5.11	42	239111	93.876	ug/l 99
30) Chloroform	5.20	83	172043	18.986	ug/l 99
31) Cyclohexane	5.57	56	154089	18.124	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	139166	18.020	ug/l 99
36) 1,1-Dichloropropene	5.79	75	125643	18.107	ug/l 99
37) Ethyl Acetate	4.81	43	146823	19.161	ug/l 99
38) Carbon Tetrachloride	5.78	117	117060	18.518	ug/l 99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	158060	18.448	ug/l	98
40) Benzene	6.13	78	400895	18.777	ug/l	100
41) Methacrylonitrile	5.03	41	81690	19.214	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135193	18.680	ug/l	99
43) Isopropyl Acetate	6.43	43	236159	18.623	ug/l	100
44) Trichloroethene	7.20	130	109283	18.532	ug/l	94
45) 1,2-Dichloropropane	7.51	63	104719	19.136	ug/l	97
46) Dibromomethane	7.65	93	66455	18.368	ug/l	99
47) Bromodichloromethane	7.89	83	126077	18.503	ug/l	98
48) Methyl methacrylate	7.76	41	114374	18.419	ug/l	99
49) 1,4-Dioxane	7.73	88	42618	337.258	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	743342	93.339	ug/l	99
52) Toluene	8.78	92	249620	18.498	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	140325	18.781	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157749	18.952	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103324	19.104	ug/l	99
56) Ethyl methacrylate	9.17	69	155302	18.280	ug/l	99
57) 1,3-Dichloropropane	9.36	76	172450	18.951	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	327178	101.761	ug/l	99
59) 2-Hexanone	9.48	43	581761	90.744	ug/l	100
60) Dibromochloromethane	9.57	129	101232	18.830	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105994	19.154	ug/l	98
64) Tetrachloroethene	9.33	164	117215	19.607	ug/l	98
65) Chlorobenzene	10.14	112	265338	18.471	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	95733	18.665	ug/l	100
67) Ethyl Benzene	10.24	91	467925	18.947	ug/l	100
68) m/p-Xylenes	10.35	106	358602	37.753	ug/l	100
69) o-Xylene	10.70	106	172906	18.560	ug/l	98
70) Styrene	10.71	104	293024	18.601	ug/l	99
71) Bromoform	10.85	173	74032	17.956	ug/l #	100
73) Isopropylbenzene	11.01	105	456059	19.330	ug/l	99
74) N-amyl acetate	10.89	43	200215	18.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151896	18.570	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	171991	23.642	ug/l	87
77) Bromobenzene	11.25	156	118787	18.299	ug/l	98
78) n-propylbenzene	11.35	91	518456	19.591	ug/l	100
79) 2-Chlorotoluene	11.42	91	309572	19.244	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	383872	19.333	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45707	17.734	ug/l	92
82) 4-Chlorotoluene	11.51	91	355142	19.032	ug/l	99
83) tert-Butylbenzene	11.76	119	360175	18.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	384678	19.346	ug/l	100
85) sec-Butylbenzene	11.94	105	448109	19.644	ug/l	100
86) p-Isopropyltoluene	12.06	119	409125	19.607	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211028	18.549	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212106	18.336	ug/l	100
89) n-Butylbenzene	12.38	91	348032	19.547	ug/l	100
90) Hexachloroethane	12.59	117	67356	17.971	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	208618	18.216	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29301	16.188	ug/l	96

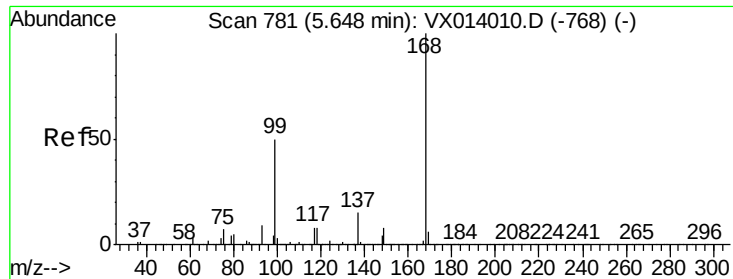
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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136968	18.401	ug/l	97
94) Hexachlorobutadiene	13.77	225	70352	19.666	ug/l	99
95) Naphthalene	13.83	128	404936	18.516	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140764	19.157	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

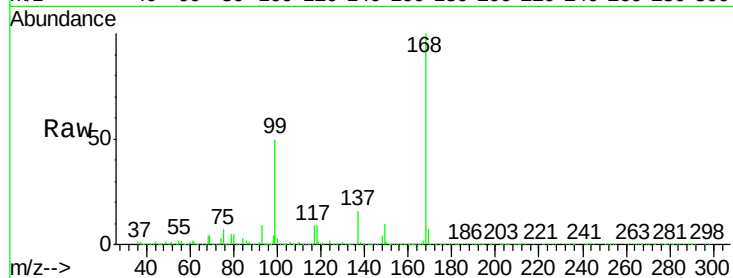
VX1227WBS01

Tgt Ion:168 Resp: 502000

Ion Ratio Lower Upper

168 100

99 50.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

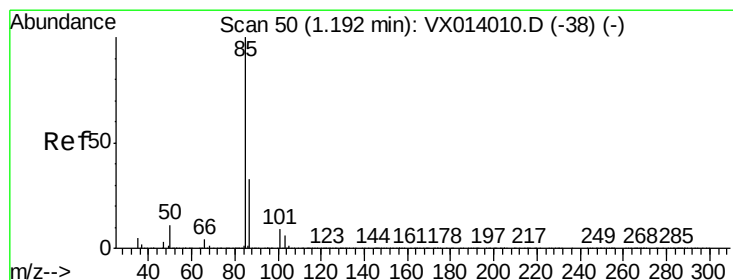
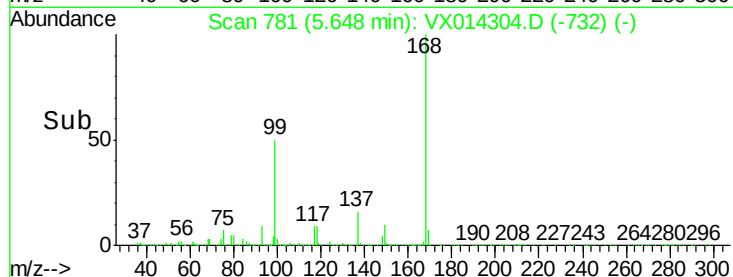
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.241 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014304.D

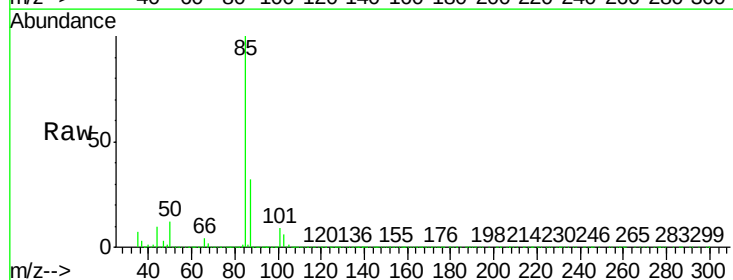
Acq: 27 Dec 2019 13:15

Tgt Ion: 85 Resp: 72939

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

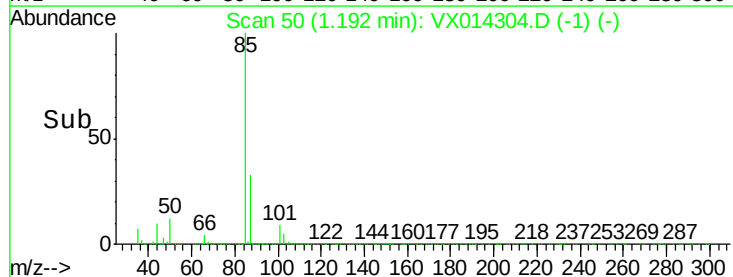
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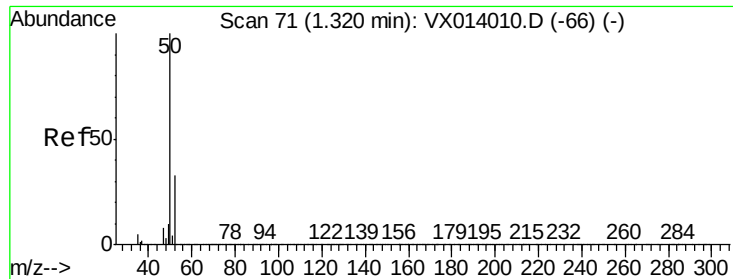
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20000

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Time-->





#3

Chloromethane

Concen: 17.616 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

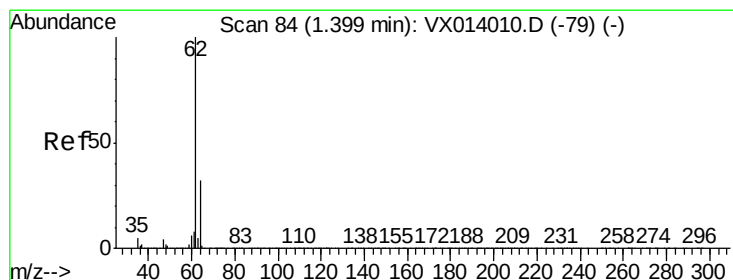
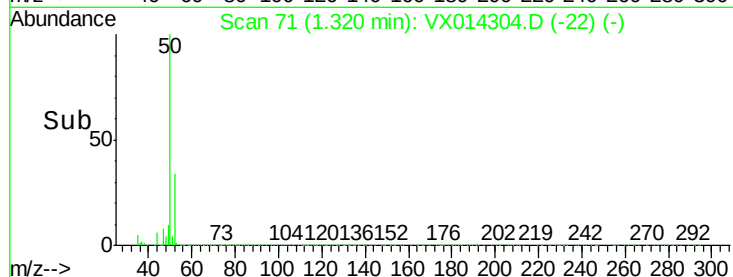
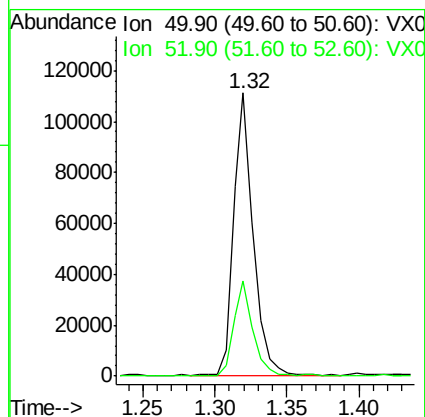
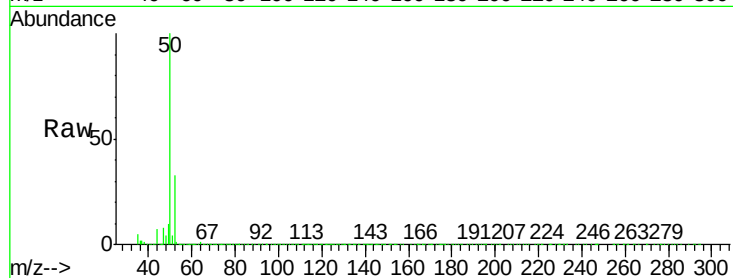
VX1227WBS01

Tgt Ion: 50 Resp: 106172

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4



#4

Vinyl Chloride

Concen: 17.507 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014304.D

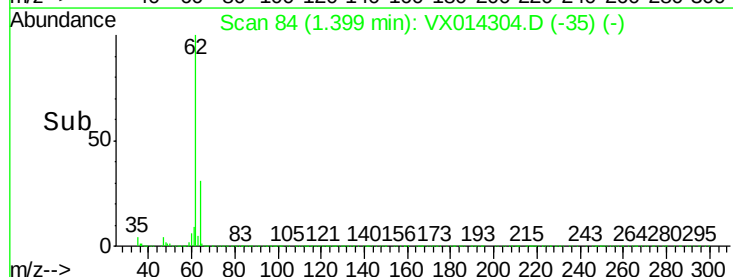
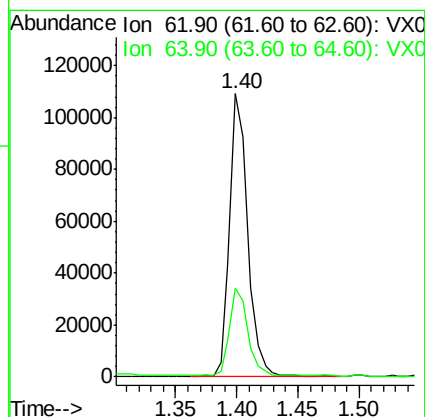
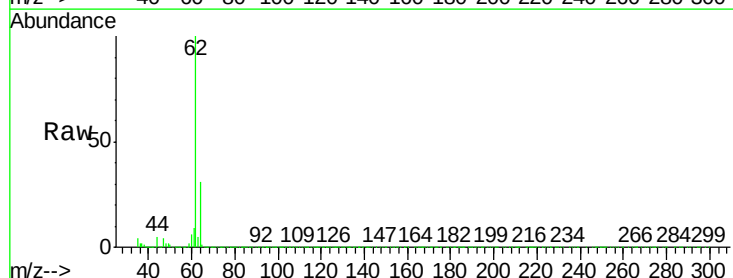
Acq: 27 Dec 2019 13:15

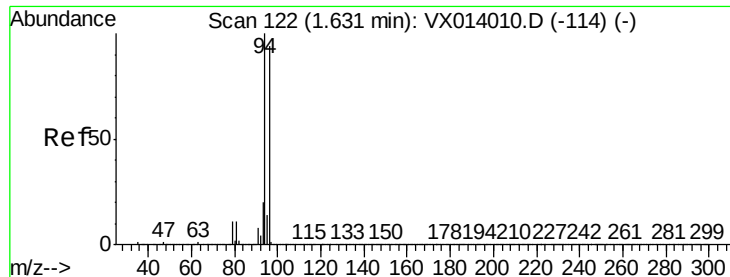
Tgt Ion: 62 Resp: 111335

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 15.688 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

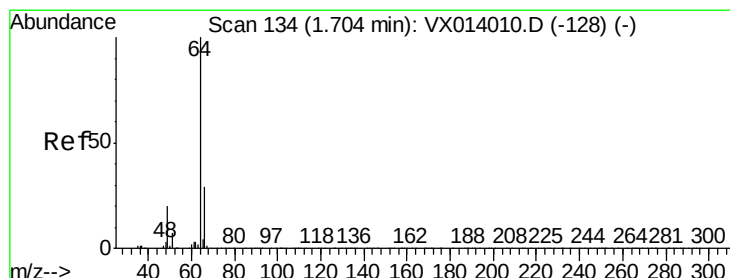
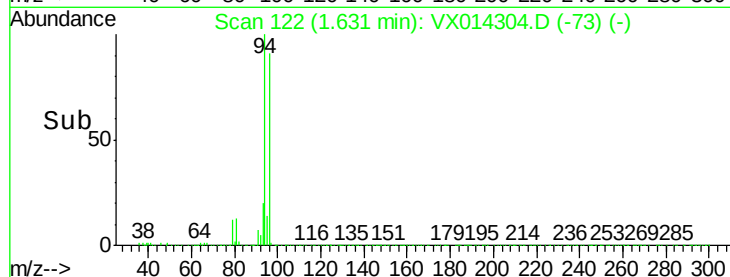
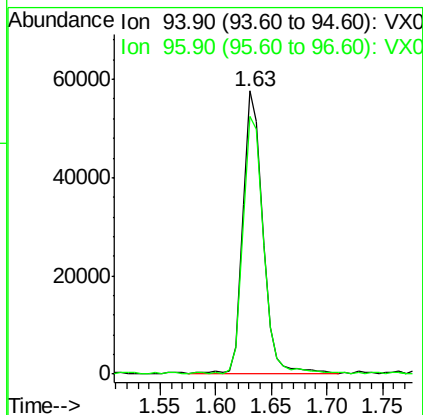
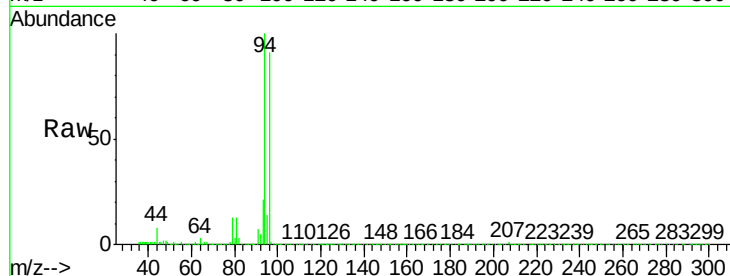
VX1227WBS01

Tgt Ion: 94 Resp: 70812

Ion Ratio Lower Upper

94 100

96 91.4 75.2 112.8



#6

Chloroethane

Concen: 19.010 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014304.D

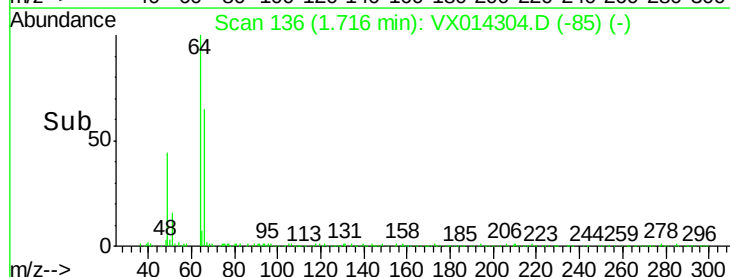
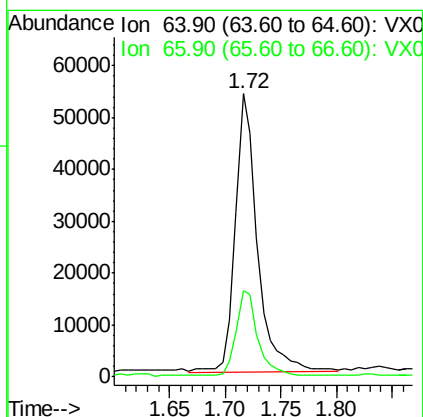
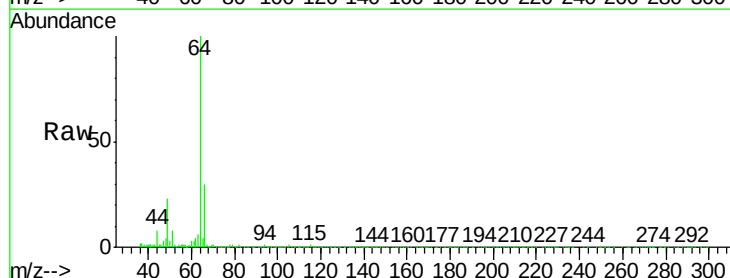
Acq: 27 Dec 2019 13:15

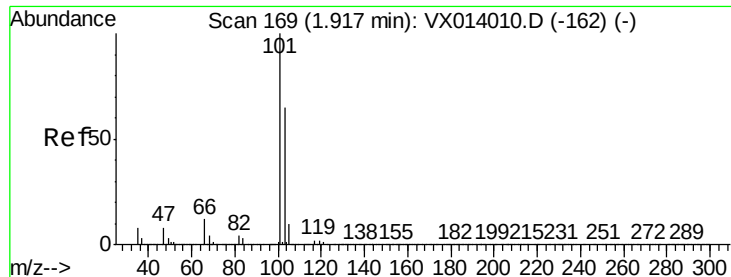
Tgt Ion: 64 Resp: 74614

Ion Ratio Lower Upper

64 100

66 30.5 23.4 35.2



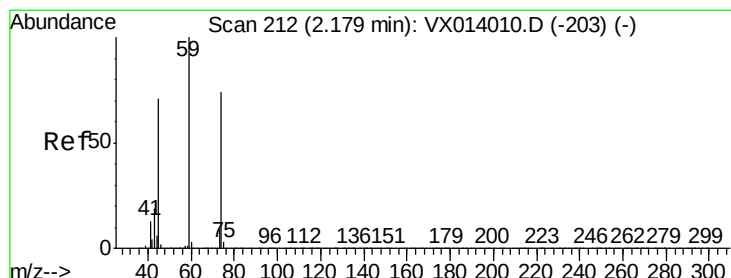
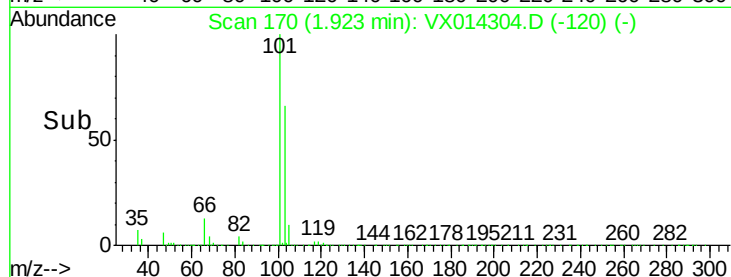
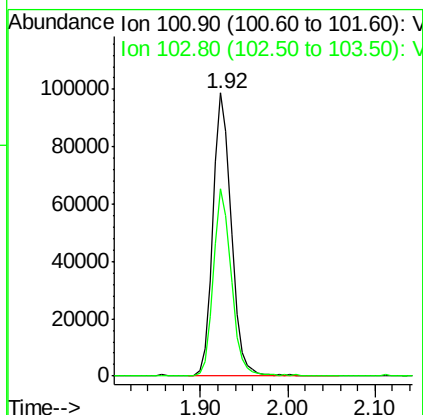
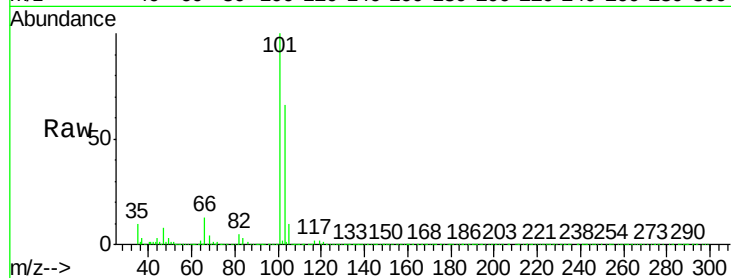


#7

Trichlorofluoromethane
Concen: 18.365 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

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MSVOA_X
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VX1227WBS01

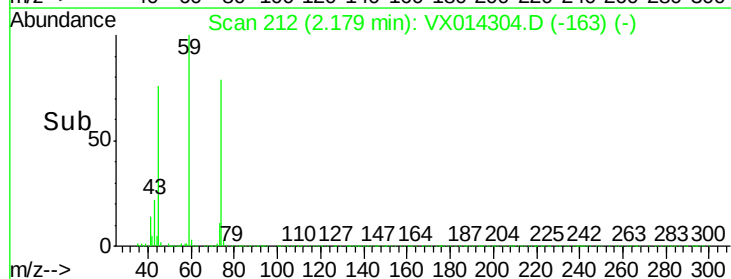
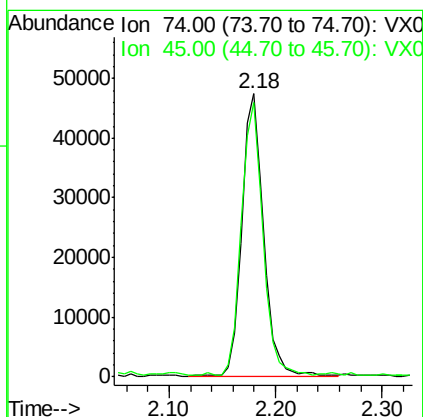
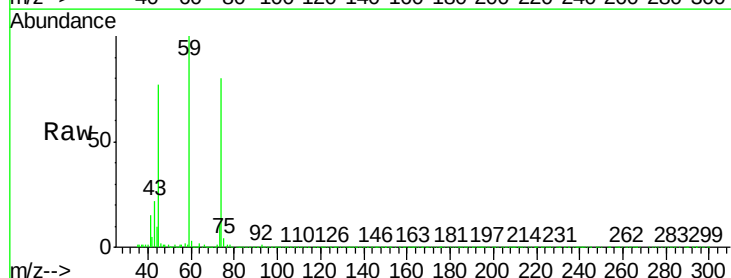
Tgt Ion:101 Resp: 144581
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.4

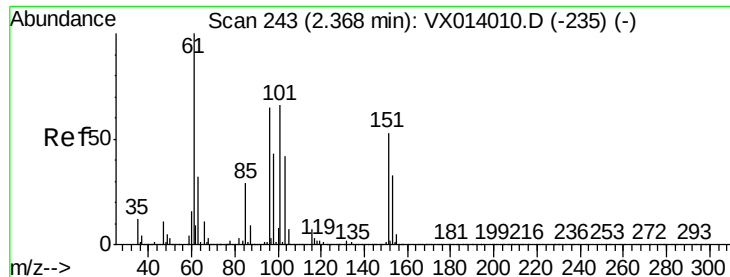


#8

Diethyl Ether
Concen: 18.648 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 74 Resp: 68900
Ion Ratio Lower Upper
74 100
45 94.8 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.817 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

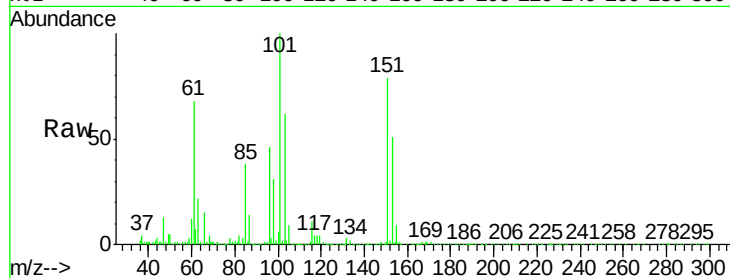
Tgt Ion:101 Resp: 89297

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

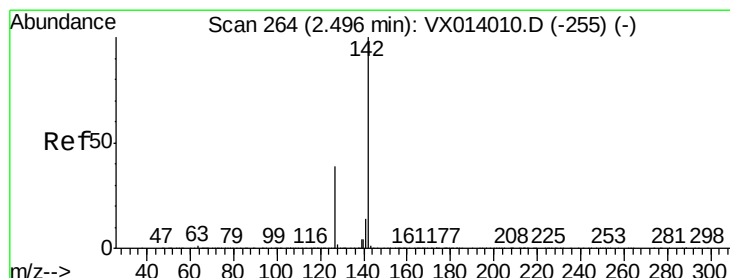
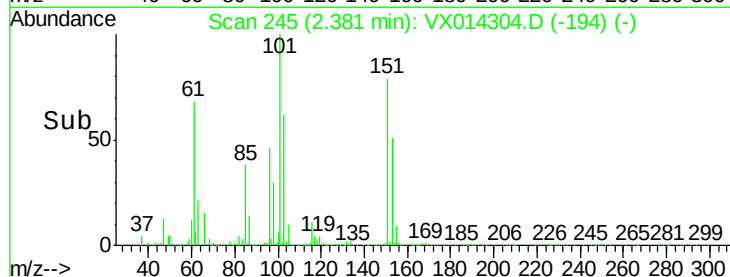
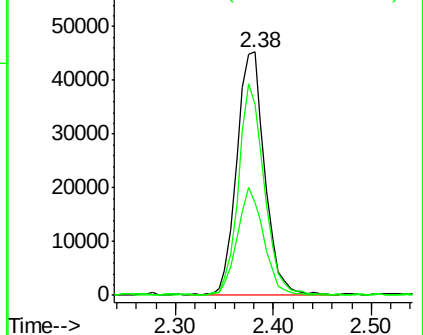
151 81.2 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.512 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

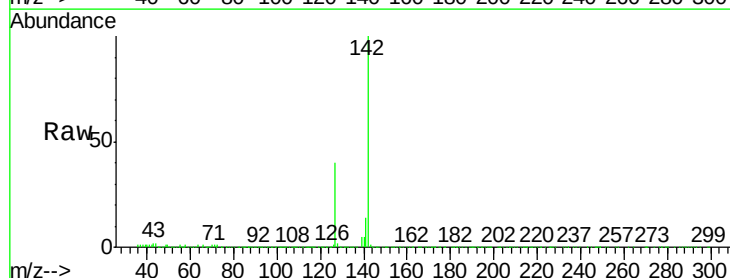
Tgt Ion:142 Resp: 91746

Ion Ratio Lower Upper

142 100

127 38.8 31.6 47.4

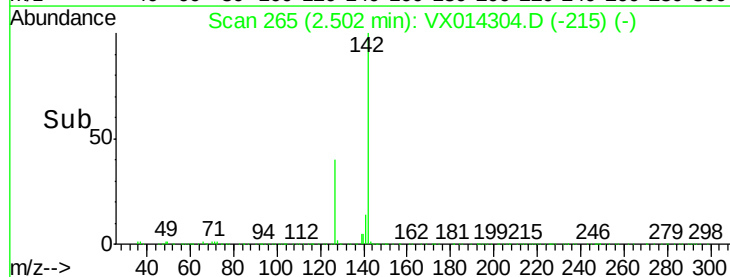
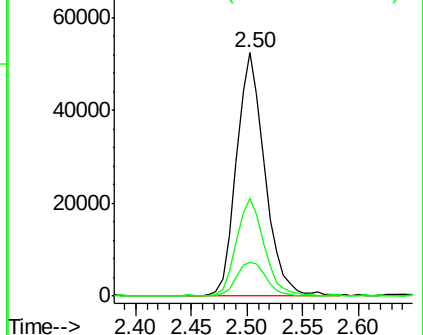
141 15.2 11.6 17.4

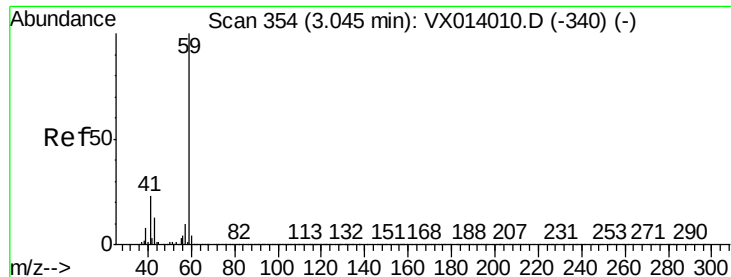


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

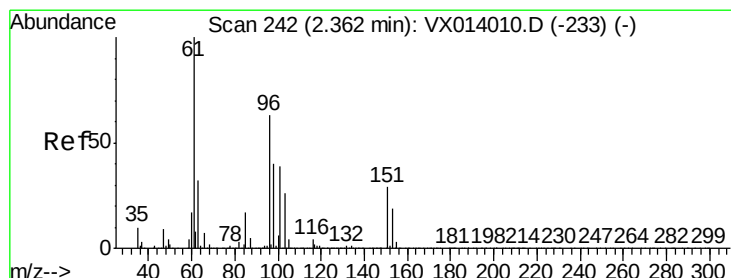
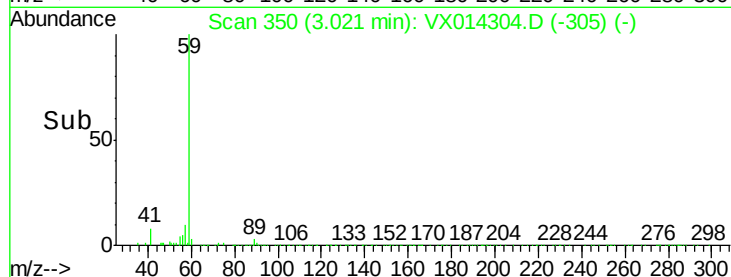
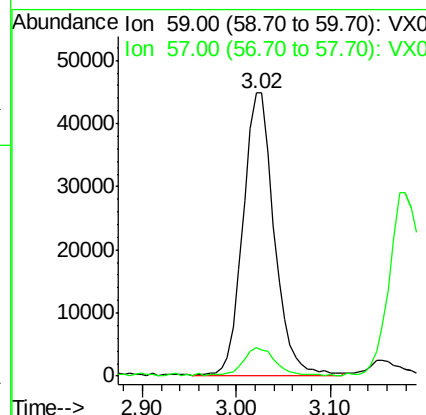
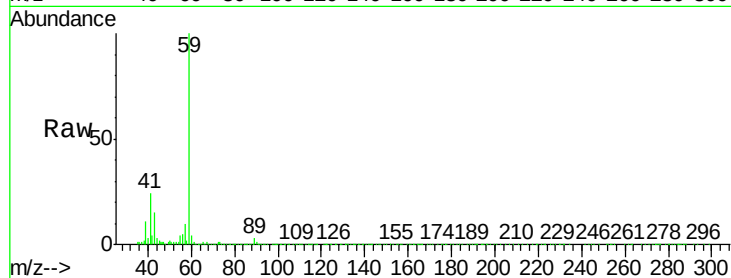




#11
Tert butyl alcohol
Concen: 83.540 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

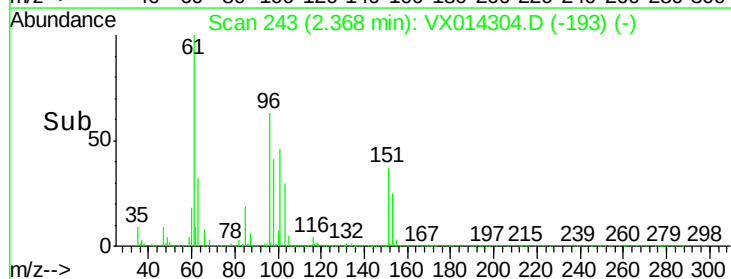
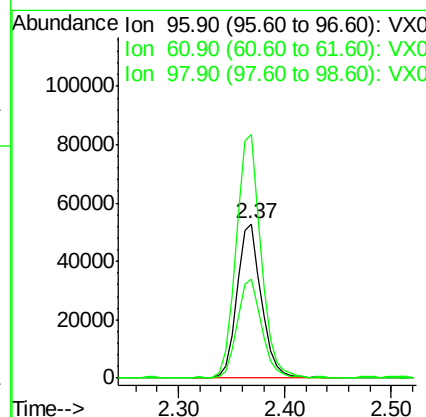
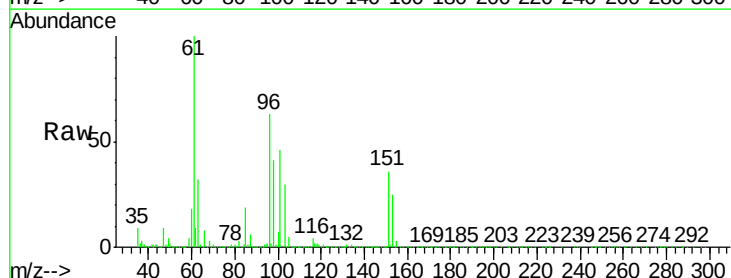
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

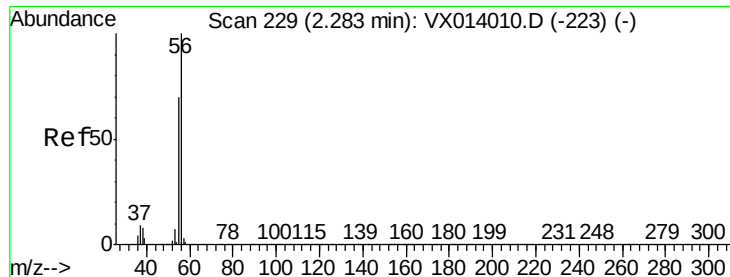
Tgt Ion: 59 Resp: 102701
Ion Ratio Lower Upper
59 100
57 9.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 17.415 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 96 Resp: 84094
Ion Ratio Lower Upper
96 100
61 158.0 127.9 191.9
98 64.3 50.5 75.7





#13

Acrolein

Concen: 92.524 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

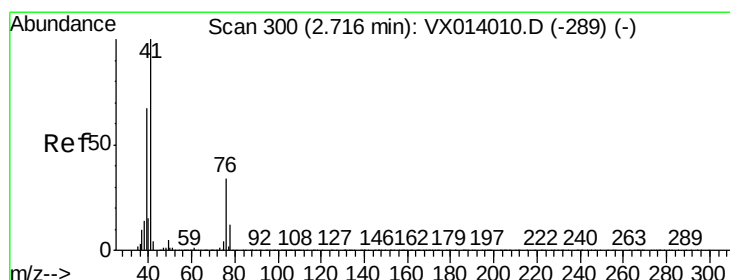
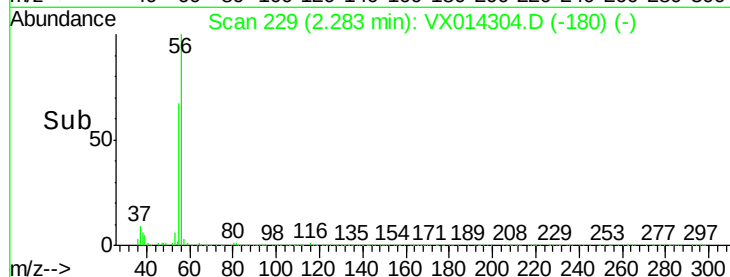
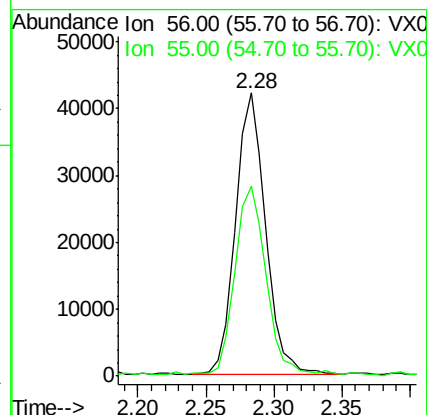
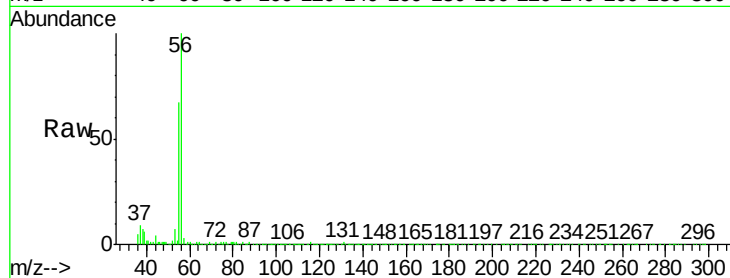
VX1227WBS01

Tgt Ion: 56 Resp: 65112

Ion Ratio Lower Upper

56 100

55 68.7 56.9 85.3



#14

Allyl chloride

Concen: 18.538 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

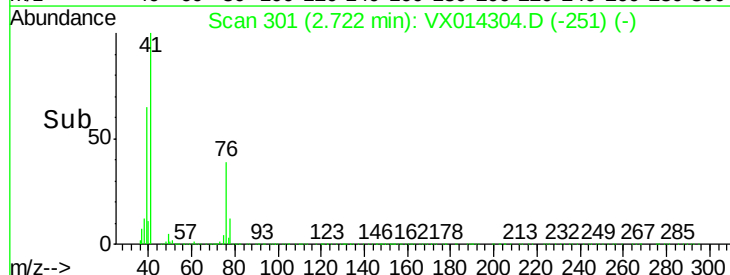
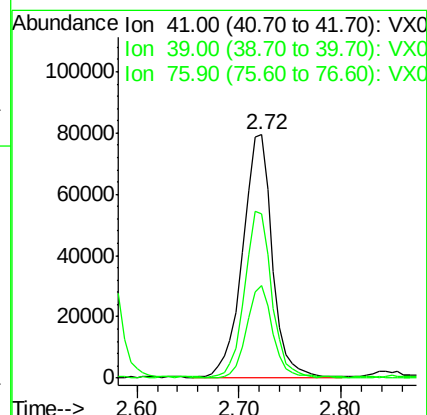
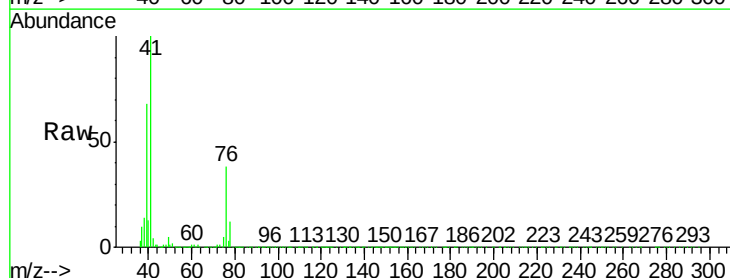
Tgt Ion: 41 Resp: 159837

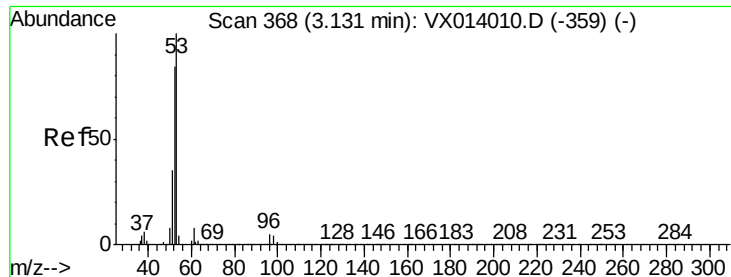
Ion Ratio Lower Upper

41 100

39 62.9 51.8 77.8

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 94.899 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

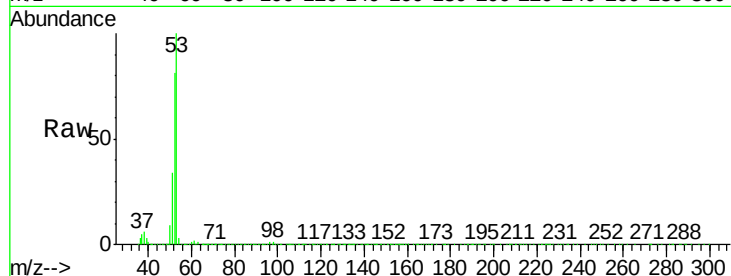
Tgt Ion: 53 Resp: 272307

Ion Ratio Lower Upper

53 100

52 81.2 66.5 99.7

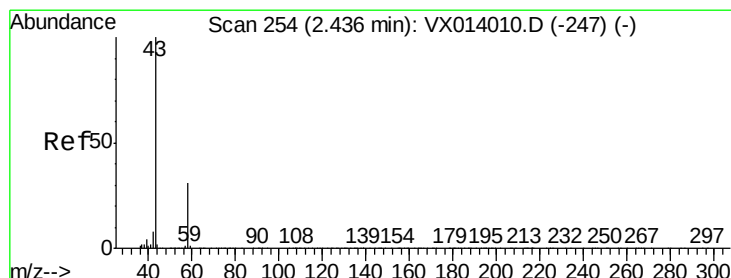
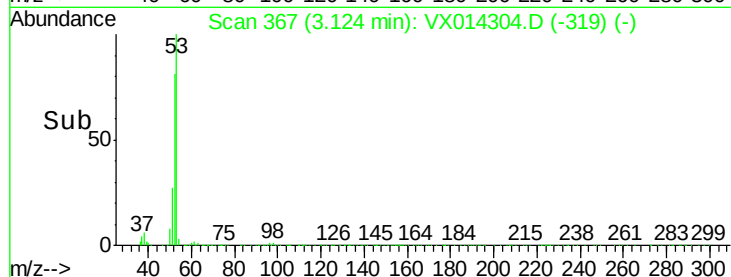
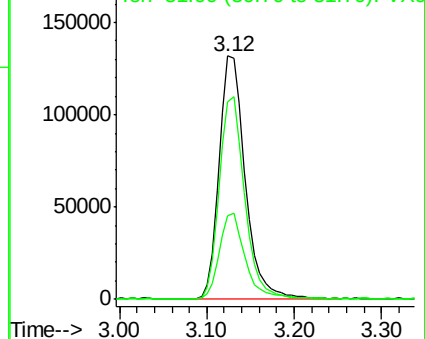
51 35.9 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 81.077 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014304.D

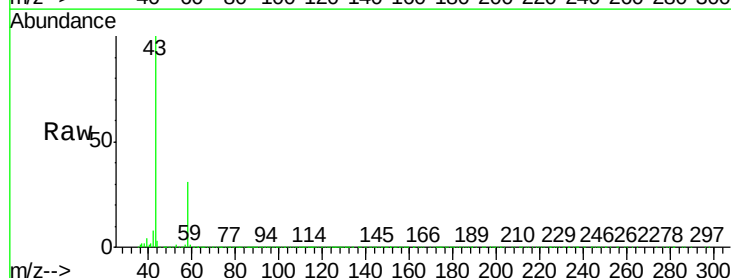
Acq: 27 Dec 2019 13:15

Tgt Ion: 43 Resp: 299472

Ion Ratio Lower Upper

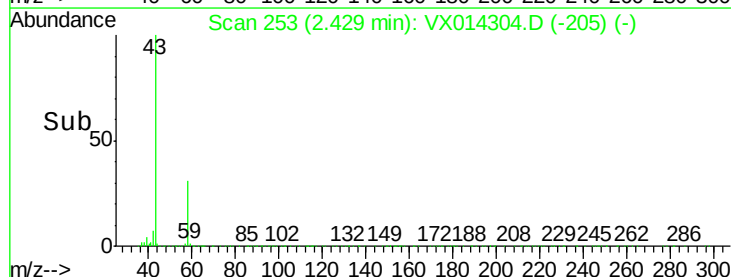
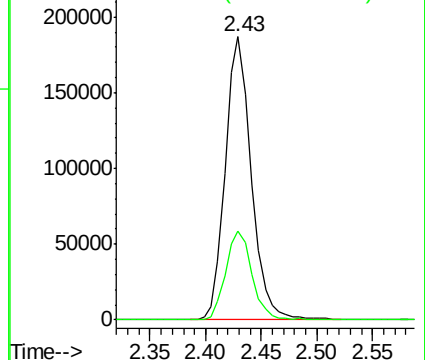
43 100

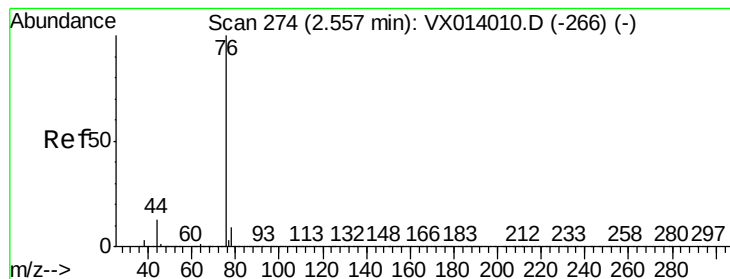
58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.443 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

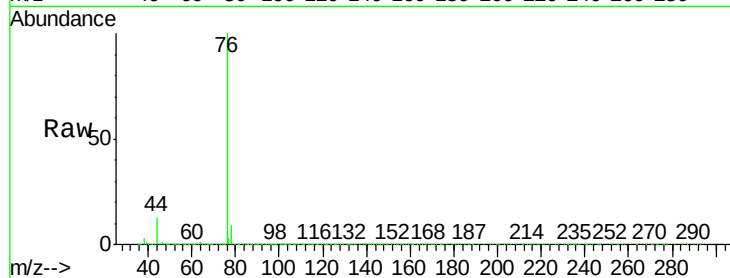
VX1227WBS01

Tgt Ion: 76 Resp: 213580

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

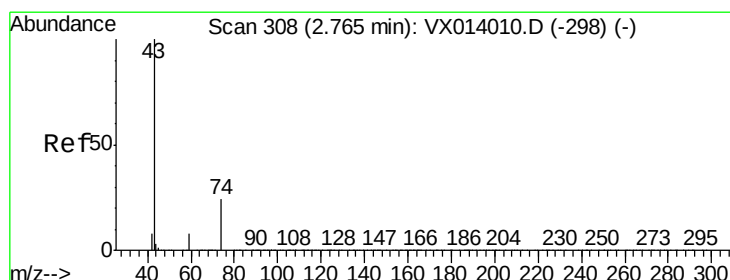
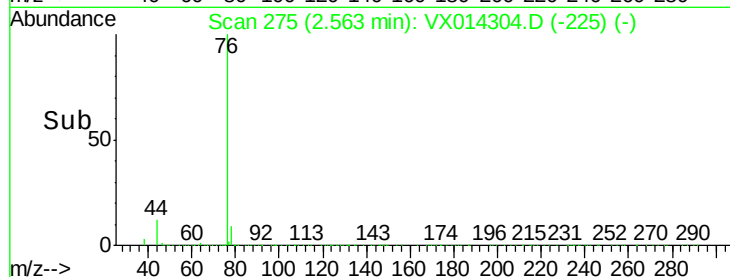
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.794 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014304.D

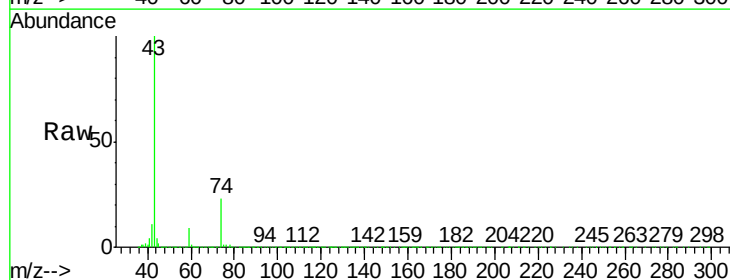
Acq: 27 Dec 2019 13:15

Tgt Ion: 43 Resp: 137554

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

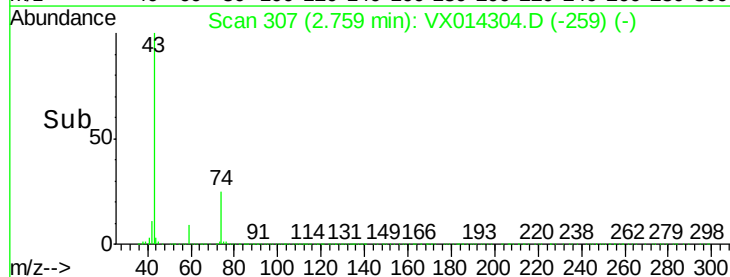
60000

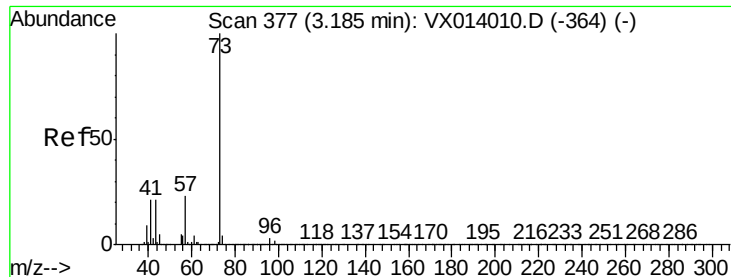
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 18.818 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

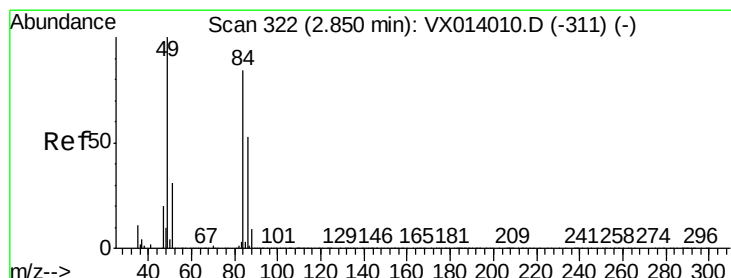
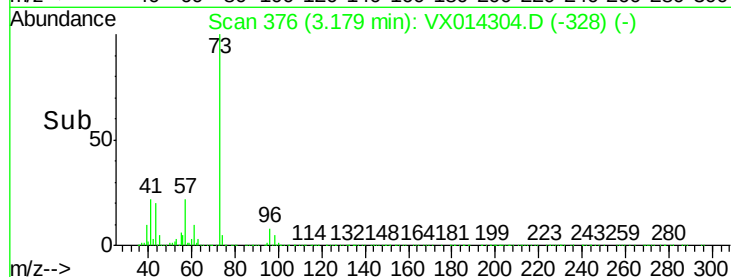
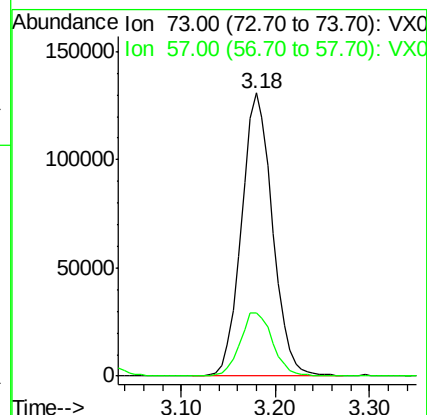
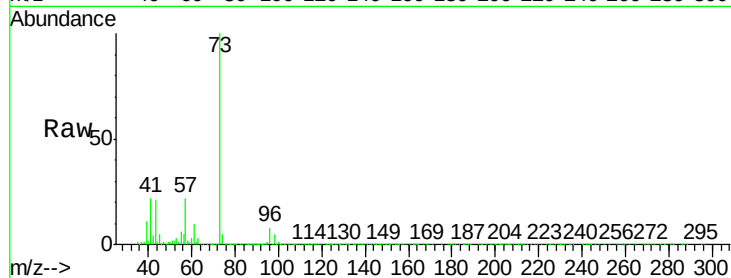
VX1227WBS01

Tgt Ion: 73 Resp: 298610

Ion Ratio Lower Upper

73 100

57 22.2 18.8 28.2



#20

Methylene Chloride

Concen: 17.919 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion: 84 Resp: 104225

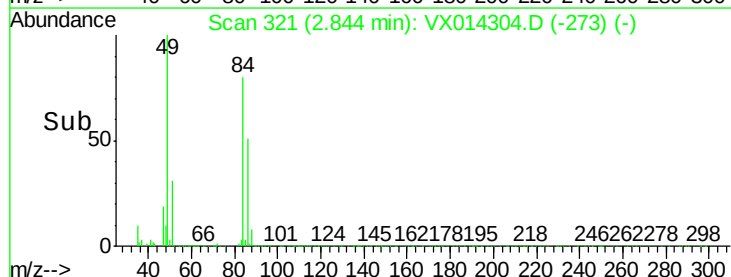
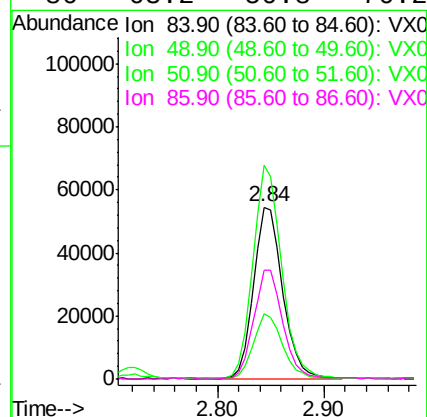
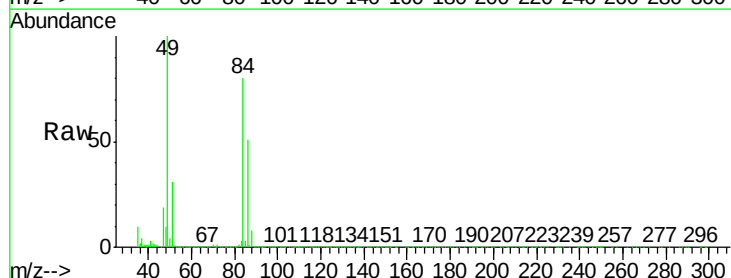
Ion Ratio Lower Upper

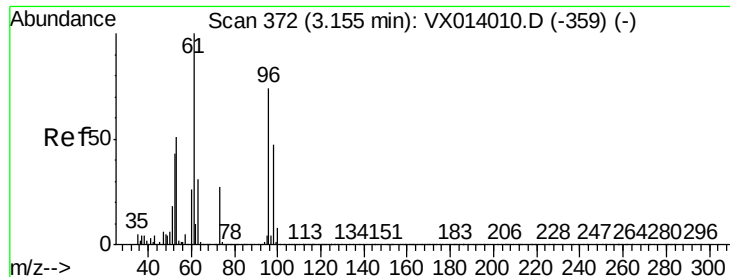
84 100

49 124.1 95.8 143.6

51 37.6 29.8 44.8

86 63.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.486 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

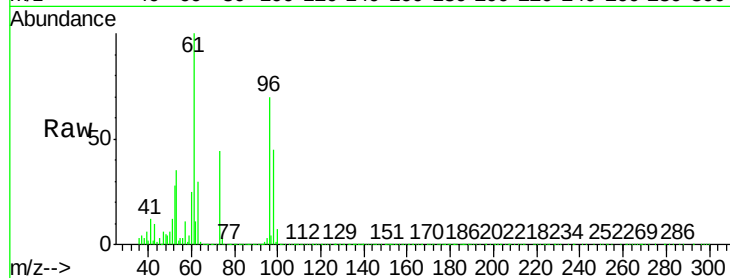
Tgt Ion: 96 Resp: 93026

Ion Ratio Lower Upper

96 100

61 143.5 108.3 162.5

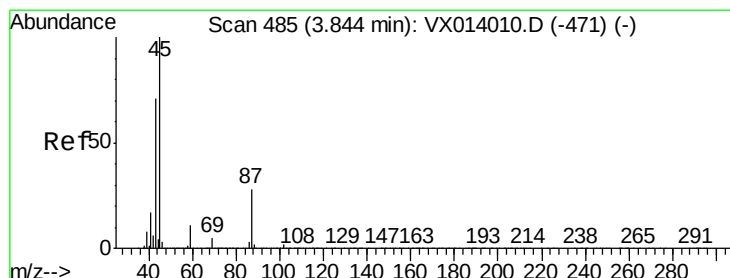
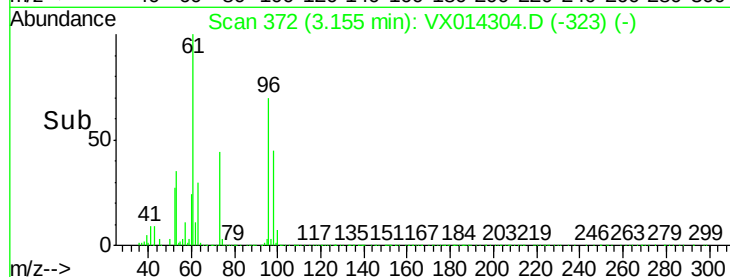
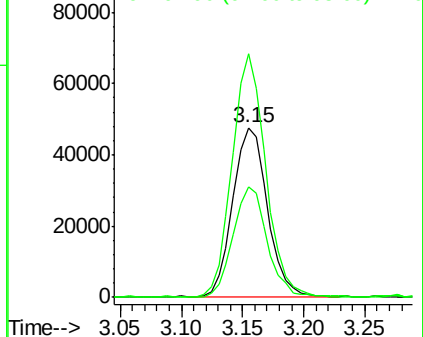
98 64.6 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.648 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion: 45 Resp: 337578

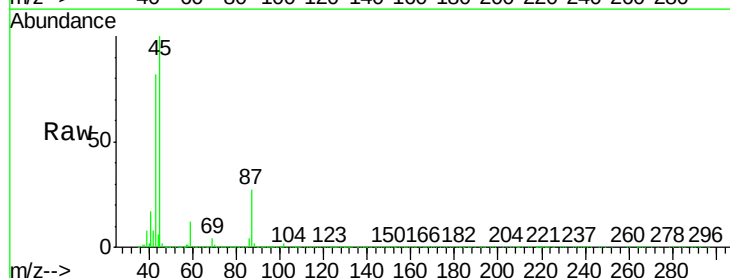
Ion Ratio Lower Upper

45 100

43 82.0 57.4 86.0

87 26.4 21.9 32.9

59 11.3 9.0 13.6

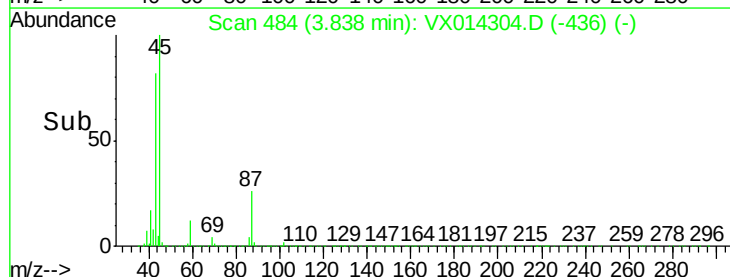
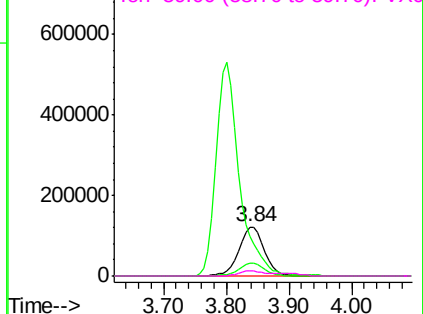


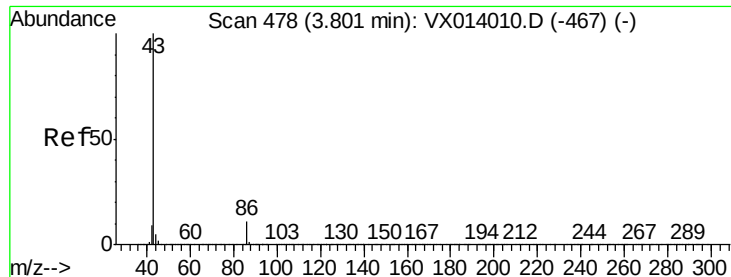
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.182 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

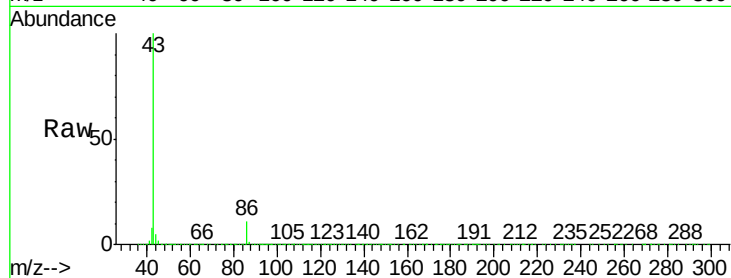
VX1227WBS01

Tgt Ion: 43 Resp: 1376601

Ion Ratio Lower Upper

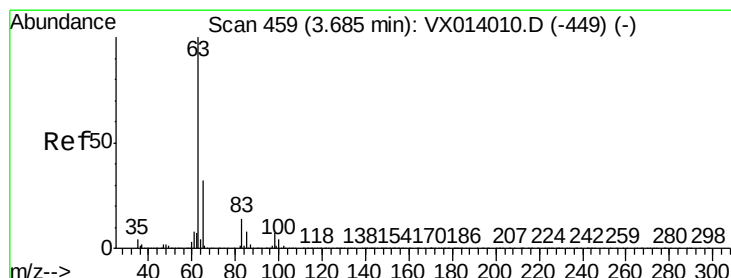
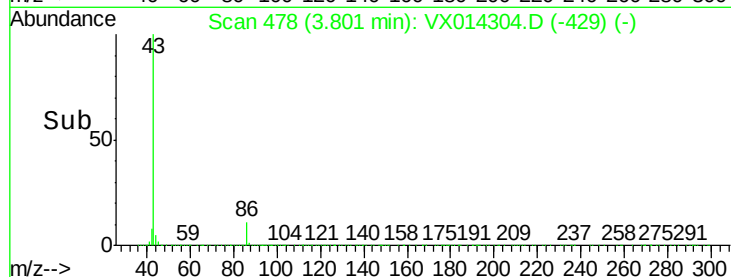
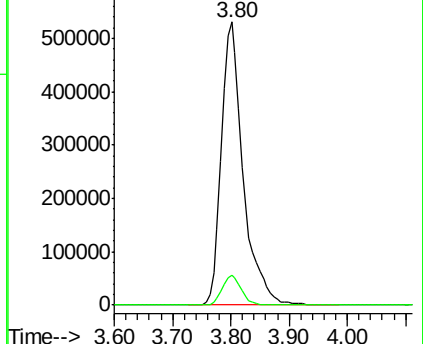
43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

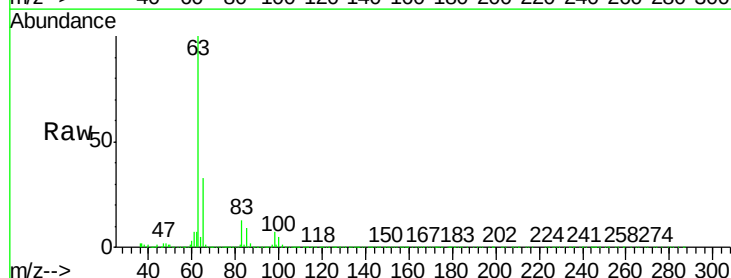
Tgt Ion: 63 Resp: 179965

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

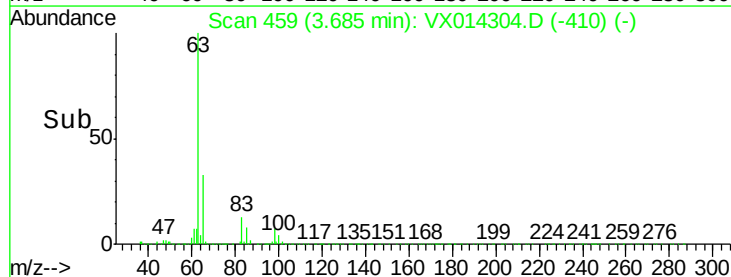
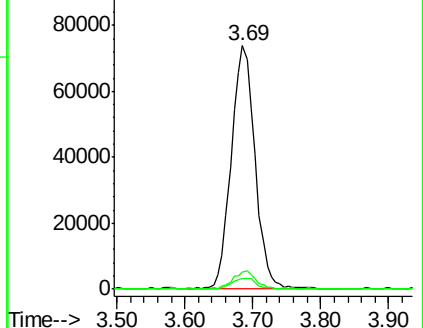
100 4.4 2.3 6.8

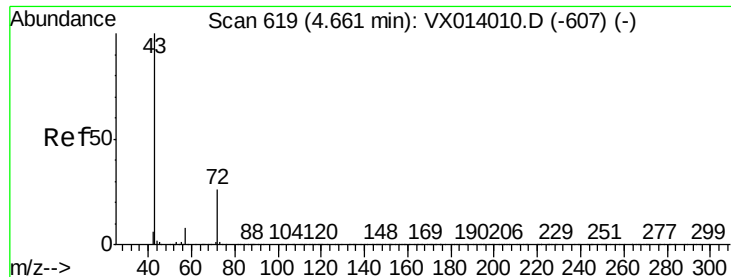


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.764 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

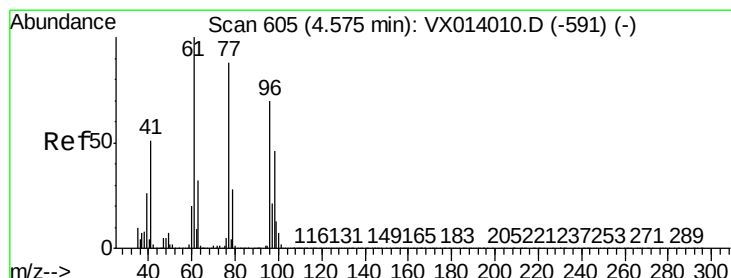
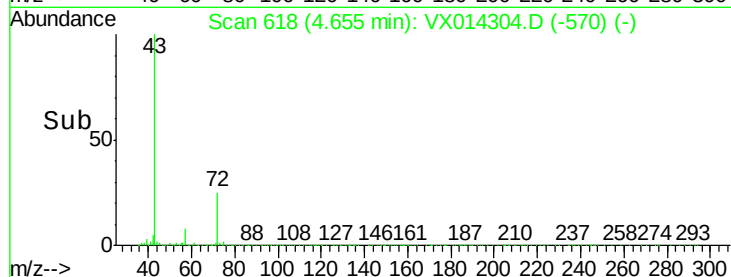
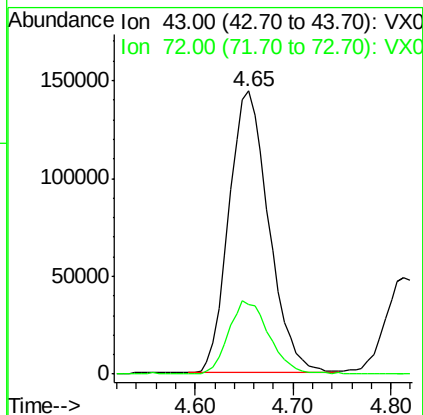
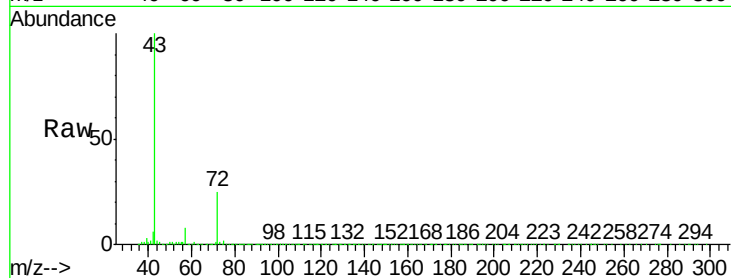
VX1227WBS01

Tgt Ion: 43 Resp: 408777

Ion Ratio Lower Upper

43 100

72 24.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.615 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX014304.D

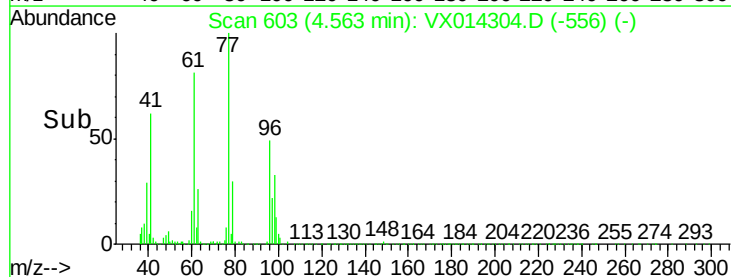
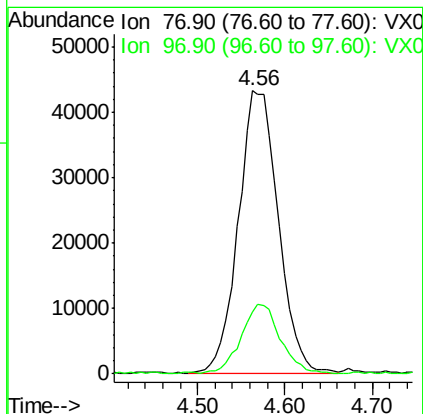
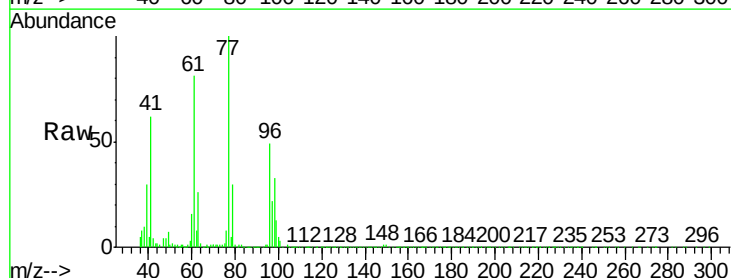
Acq: 27 Dec 2019 13:15

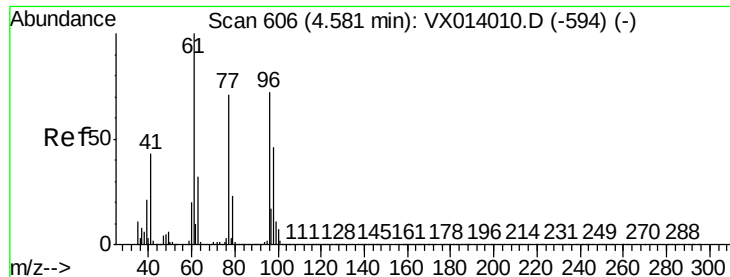
Tgt Ion: 77 Resp: 138158

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.9



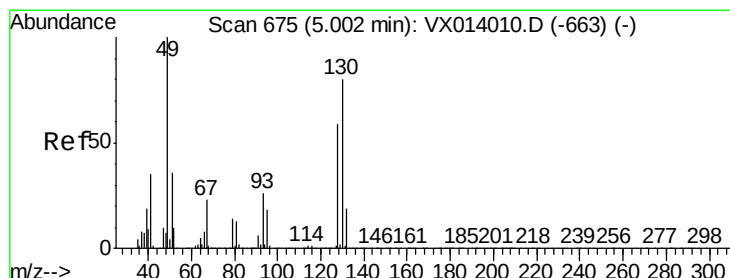
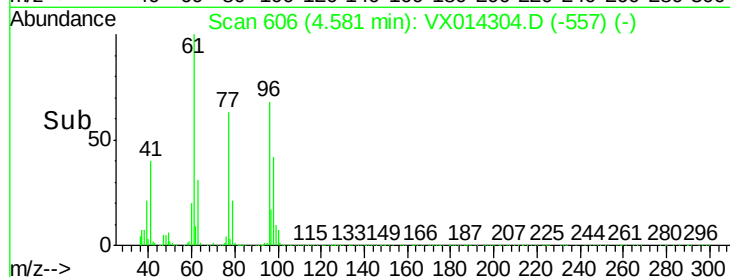
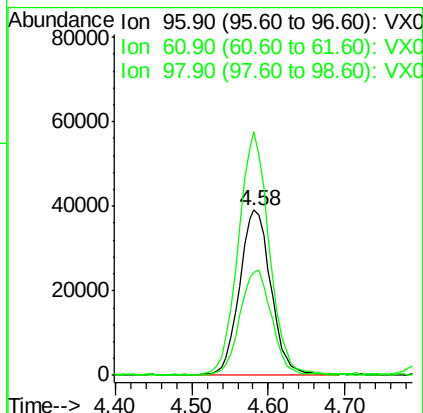
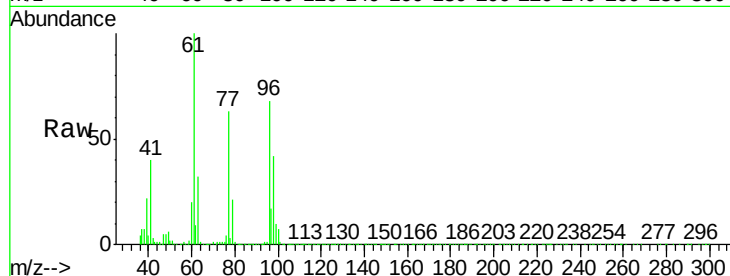


#27

cis-1,2-Dichloroethene
Concen: 18.436 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

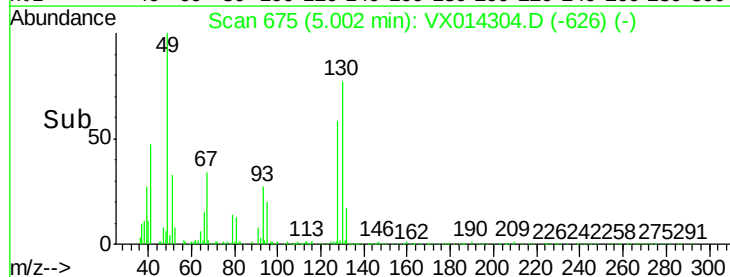
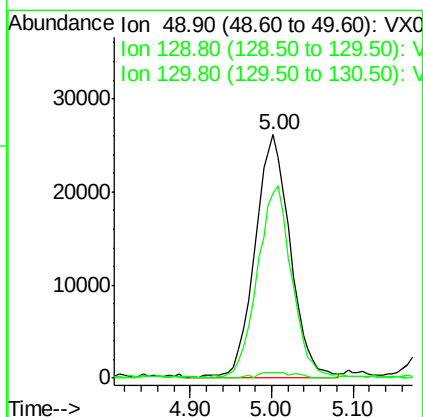
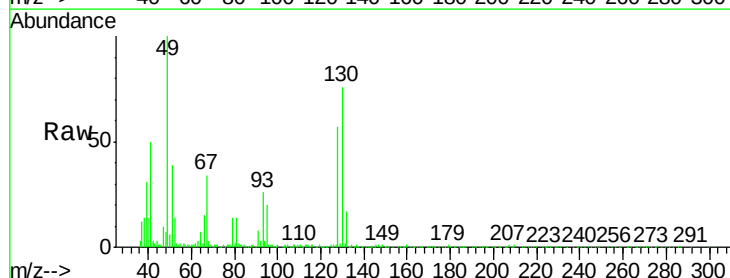
Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	288.4
98	63.9	0.0	129.6

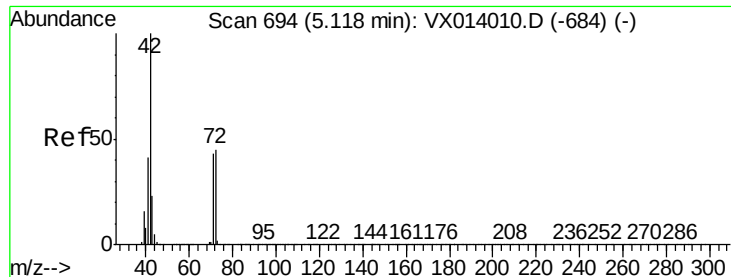


#28

Bromochloromethane
Concen: 21.739 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	77.5	64.6	97.0





#29

Tetrahydrofuran

Concen: 93.876 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

VX1227WBS01

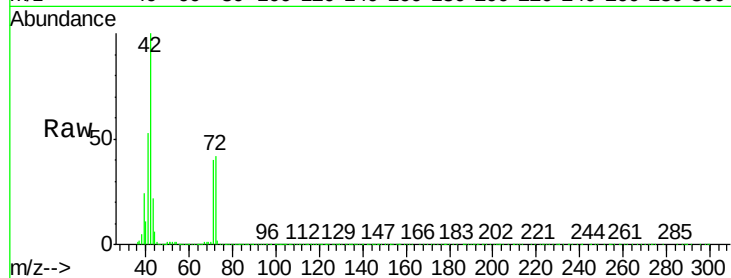
Tgt Ion: 42 Resp: 239111

Ion Ratio Lower Upper

42 100

72 44.4 35.8 53.8

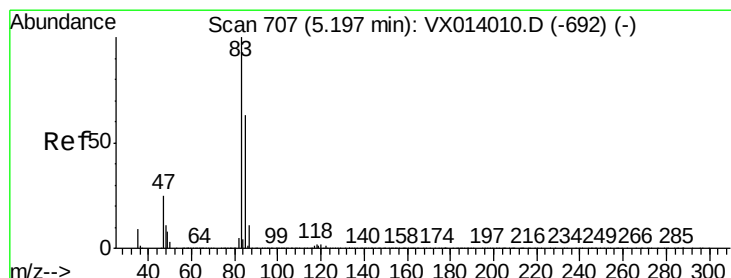
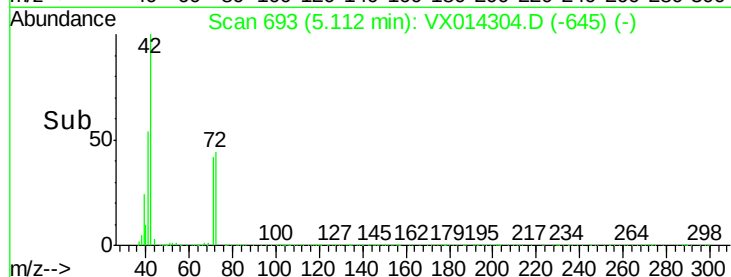
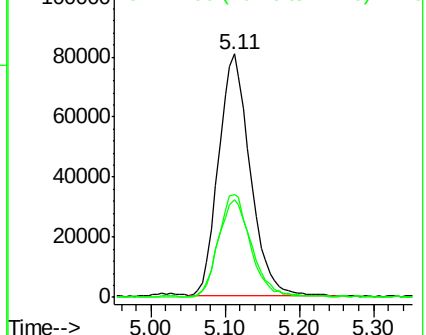
71 41.2 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.986 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX014304.D

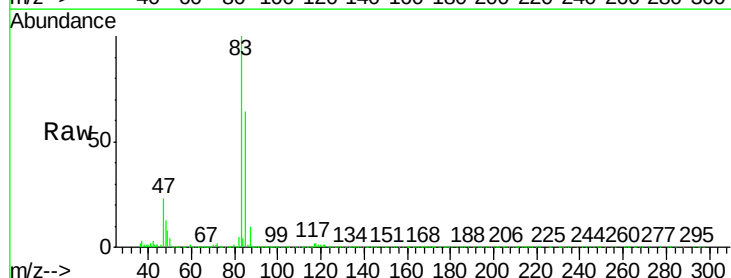
Acq: 27 Dec 2019 13:15

Tgt Ion: 83 Resp: 172043

Ion Ratio Lower Upper

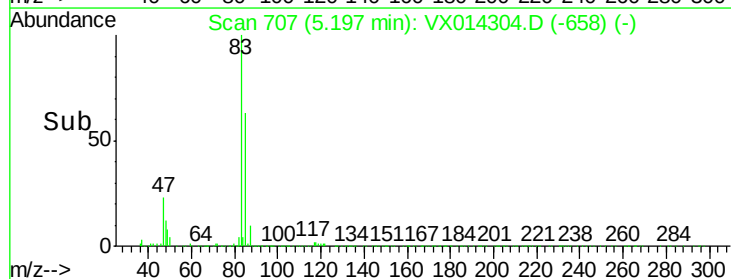
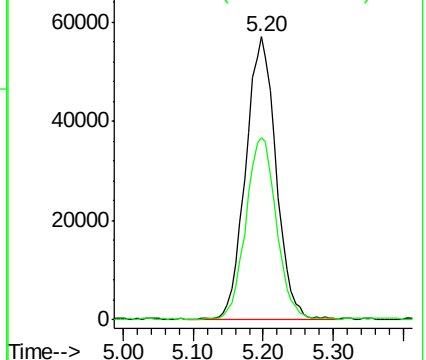
83 100

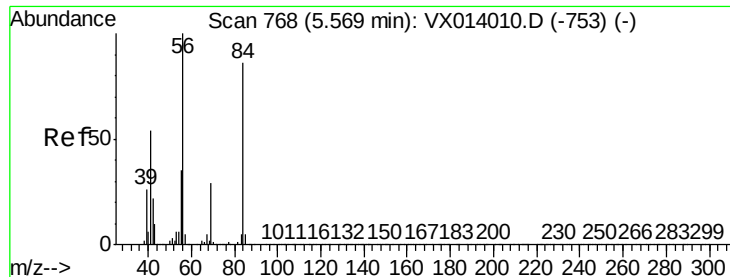
85 64.6 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

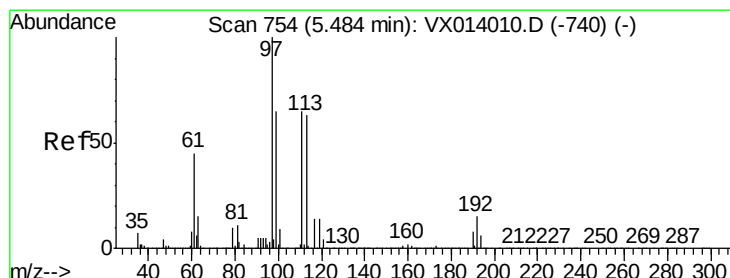
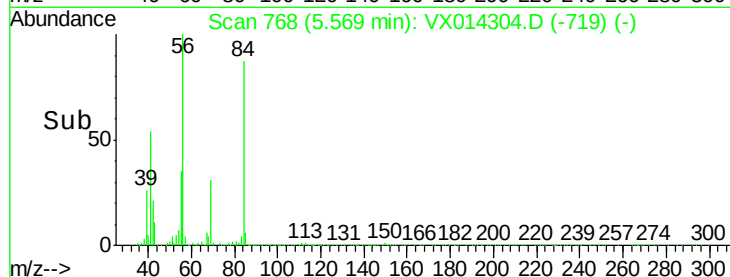
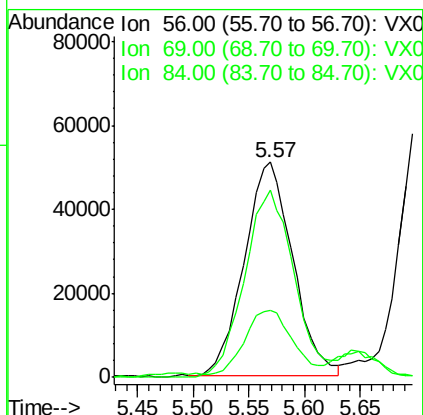
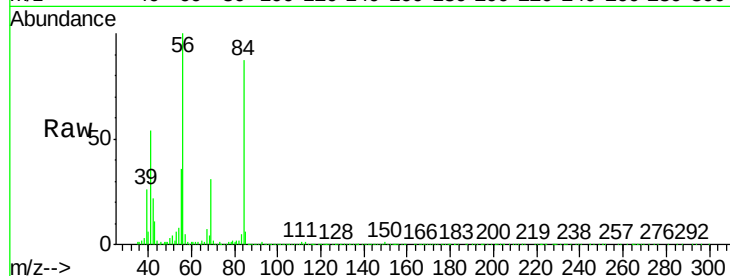




#31
Cyclohexane
Concen: 18.124 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

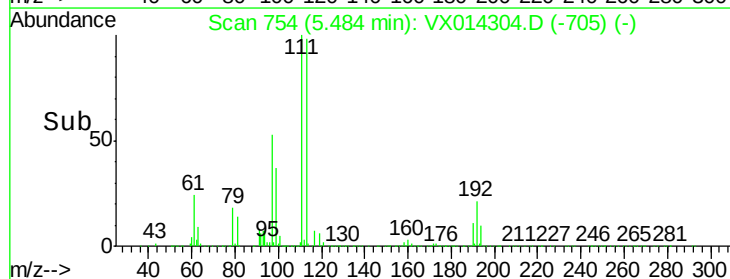
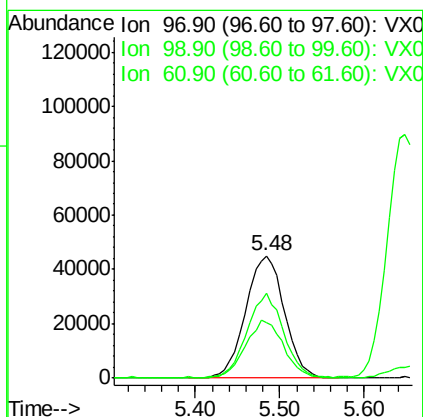
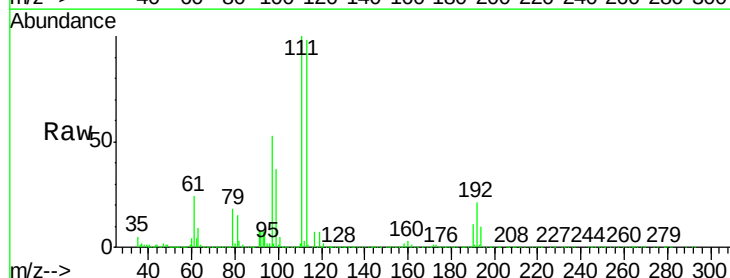
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

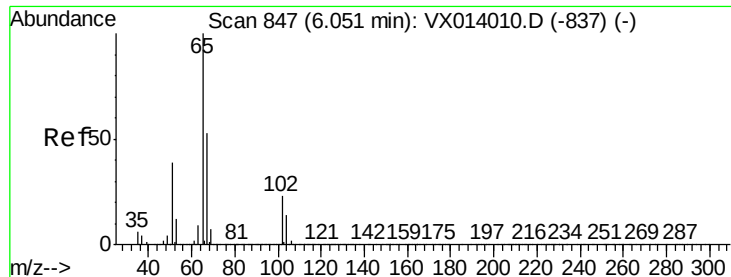
Tgt Ion: 56 Resp: 154089
Ion Ratio Lower Upper
56 100
69 31.2 23.2 34.8
84 86.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.020 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 97 Resp: 139166
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 47.7 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.071 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

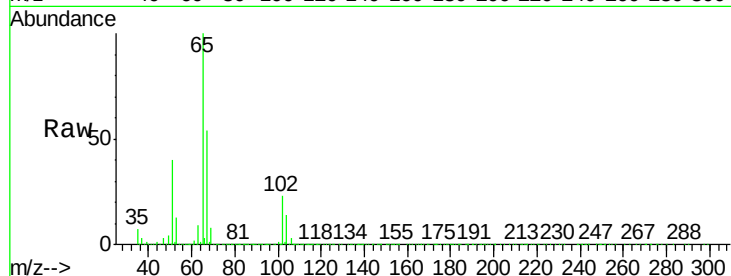
VX1227WBS01

Tgt Ion: 65 Resp: 279188

Ion Ratio Lower Upper

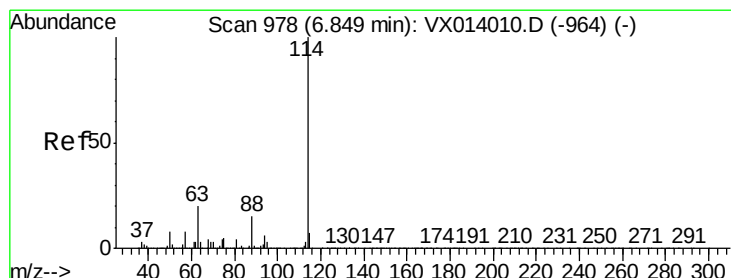
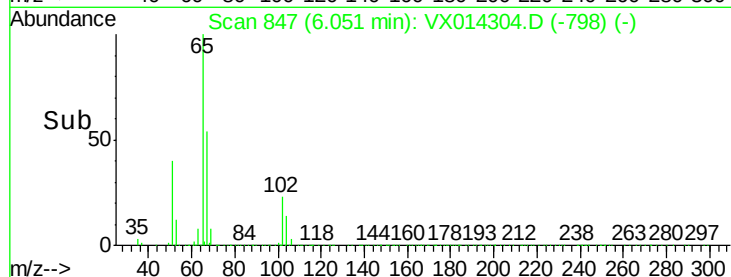
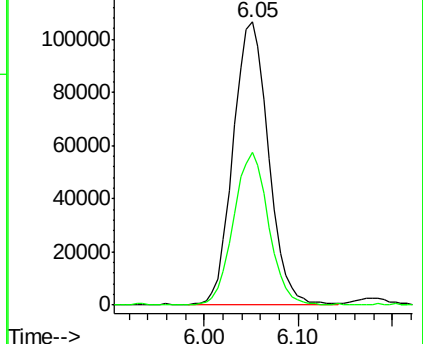
65 100

67 53.1 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: VX014304.D

Acq: 27 Dec 2019 13:15

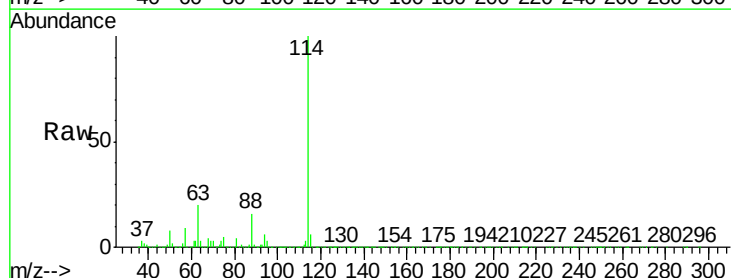
Tgt Ion: 114 Resp: 756236

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

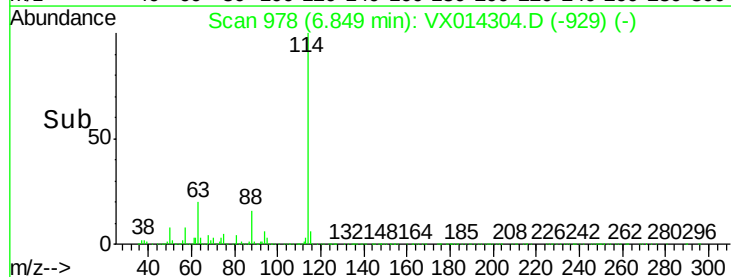
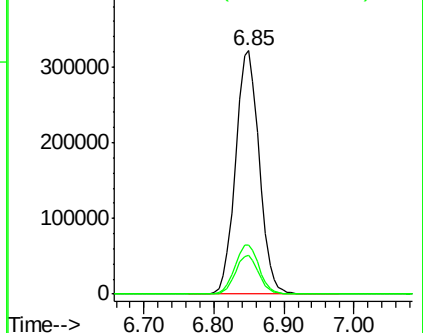
88 16.1 0.0 30.4

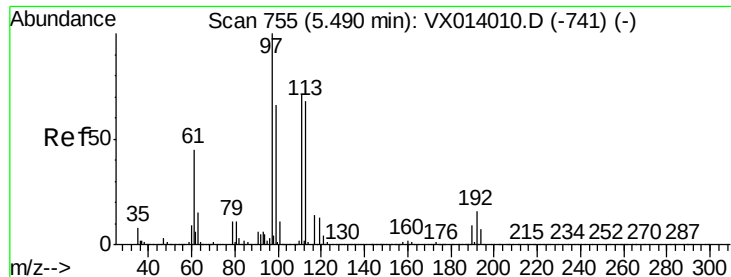


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.665 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

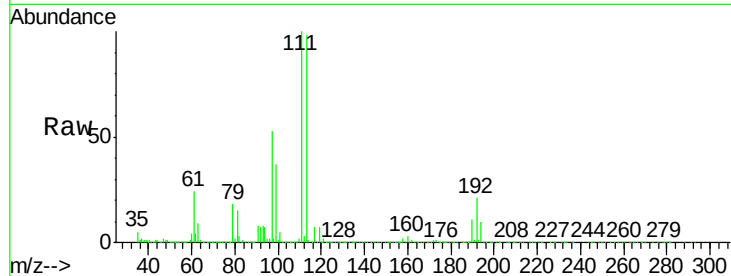
Tgt Ion: 113 Resp: 232910

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

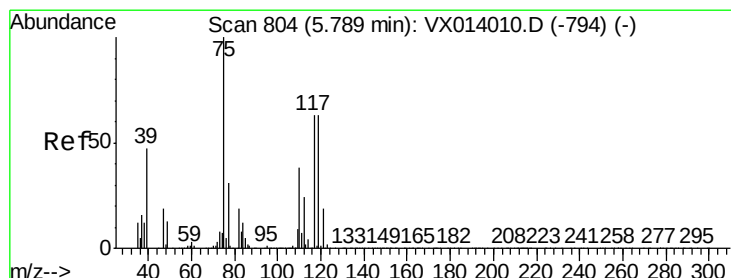
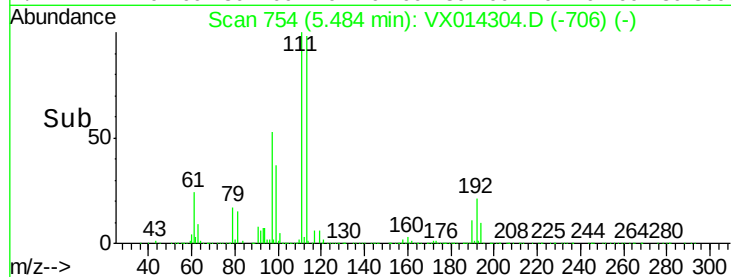
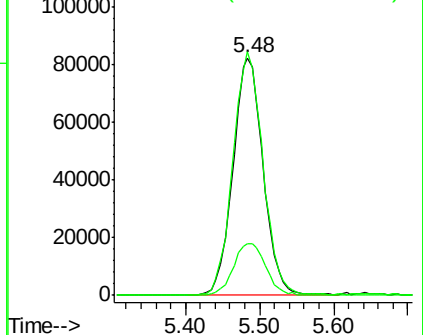
192 23.8 19.3 28.9



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: 18.107 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

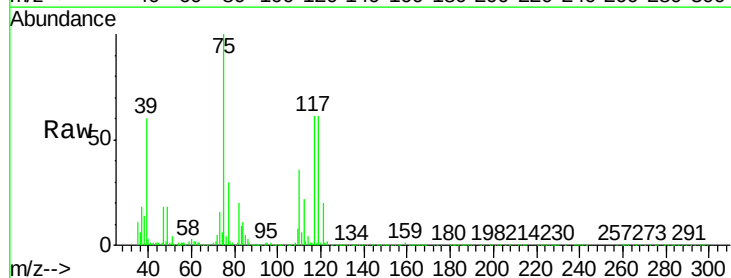
Tgt Ion: 75 Resp: 125643

Ion Ratio Lower Upper

75 100

110 36.3 18.3 54.9

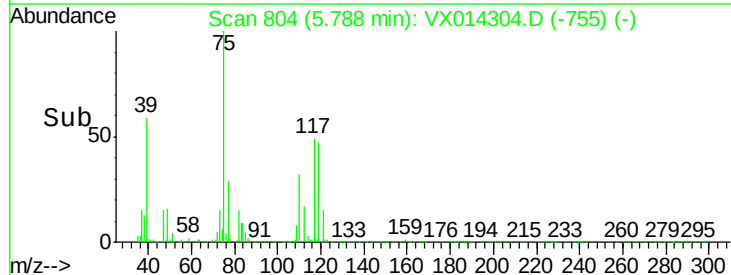
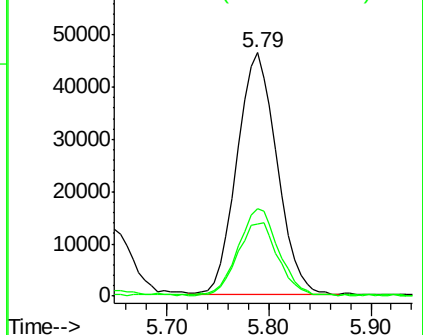
77 30.5 24.8 37.2

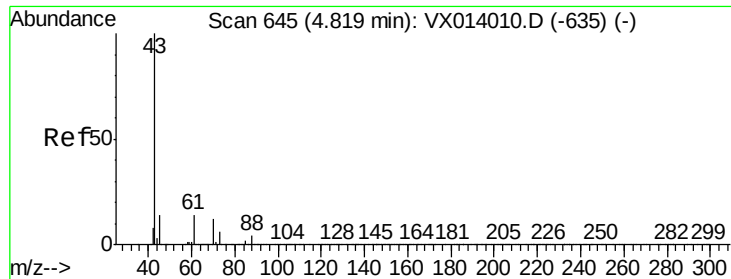


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

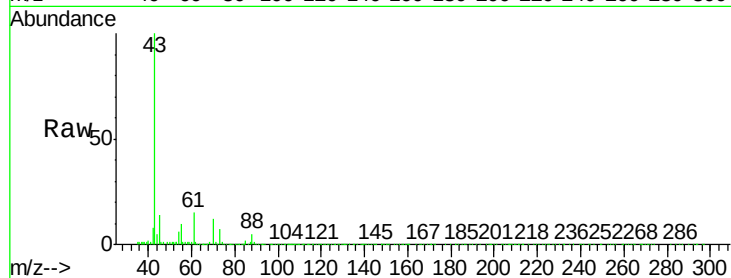




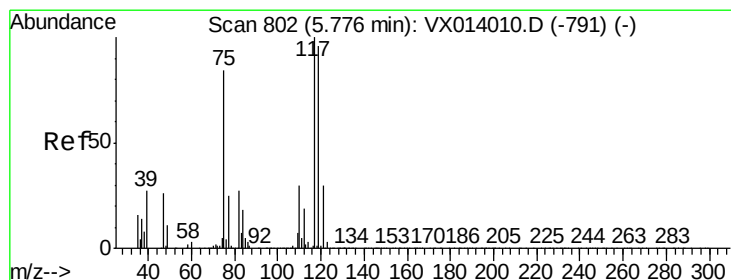
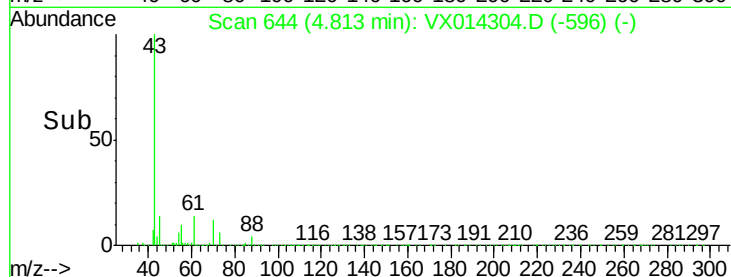
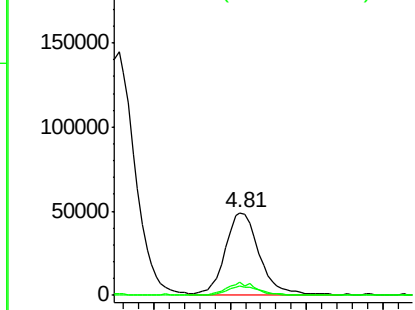
#37
Ethyl Acetate
Concen: 19.161 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampled :
VX1227WBS01

Tgt Ion: 43 Resp: 146823
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 11.4 8.6 12.8

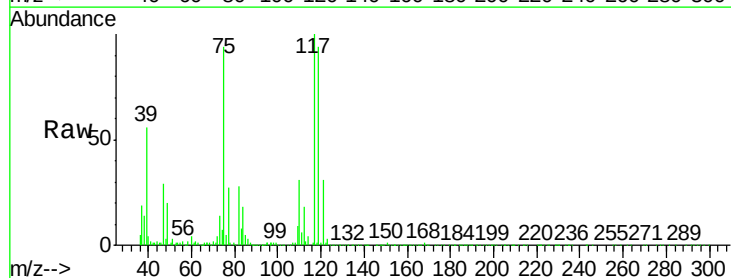


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

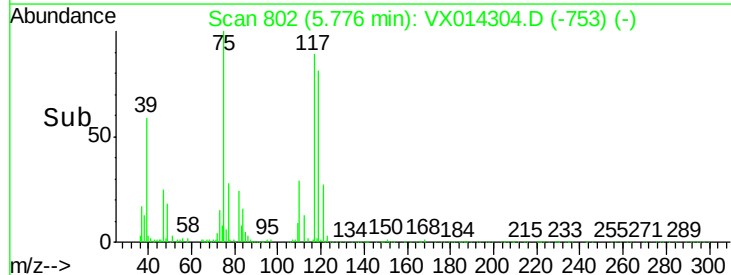
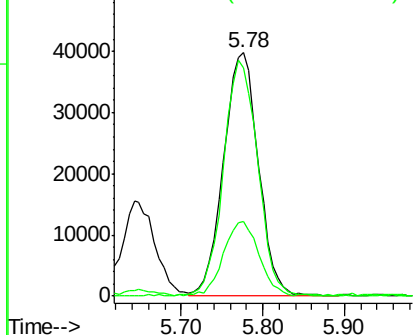


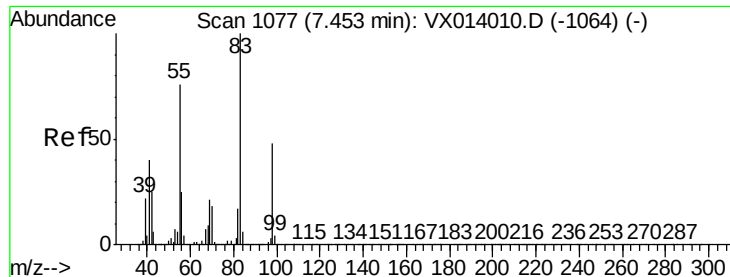
#38
Carbon Tetrachloride
Concen: 18.518 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 117 Resp: 117060
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.4
121 30.3 23.6 35.4



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

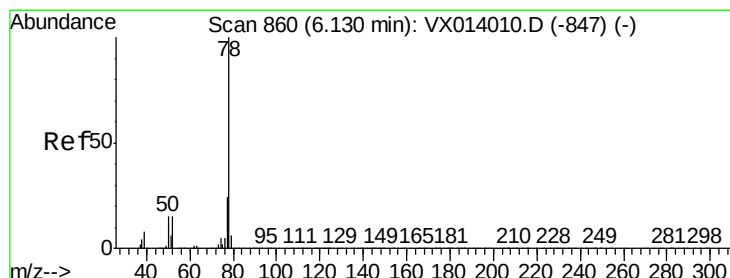
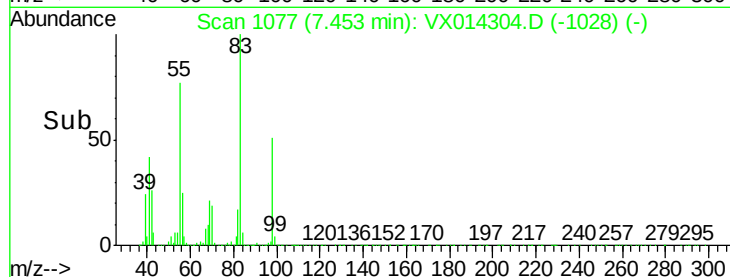
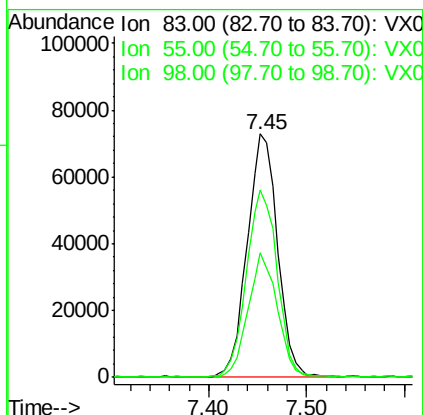
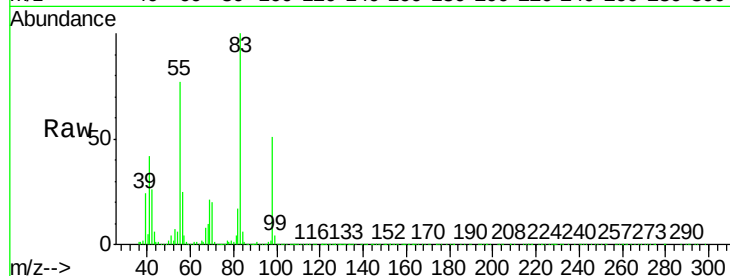




#39
Methylcyclohexane
Concen: 18.448 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

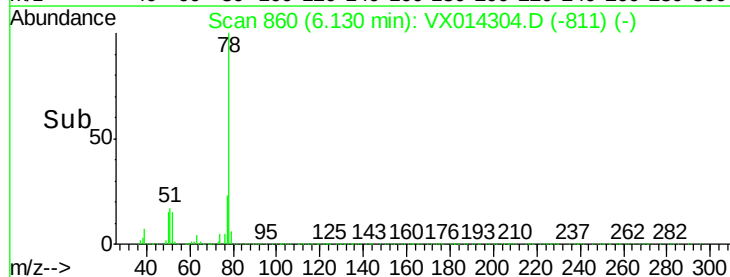
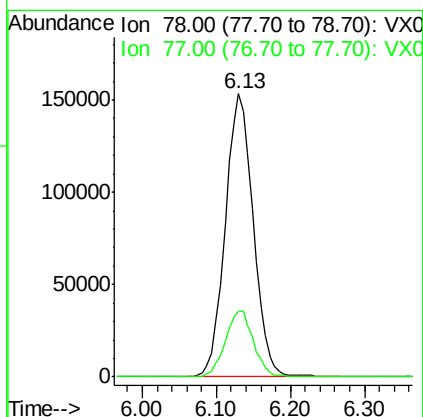
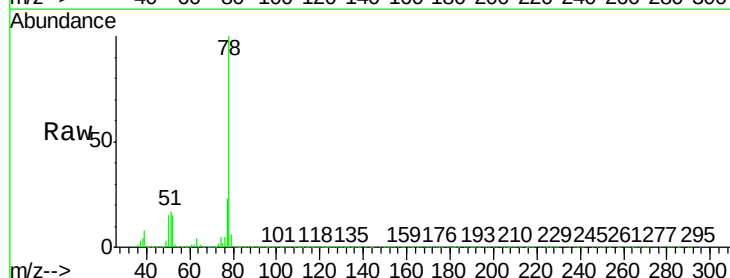
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

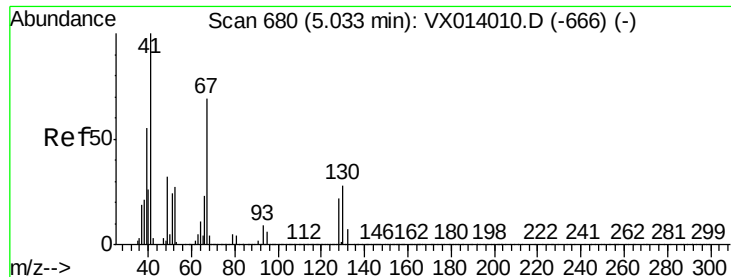
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	61.0	91.6
98	50.8	38.6	57.8



#40
Benzene
Concen: 18.777 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

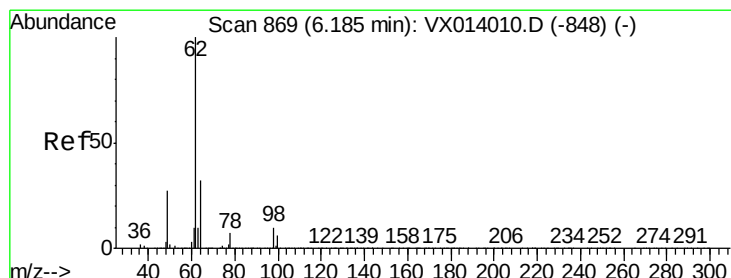
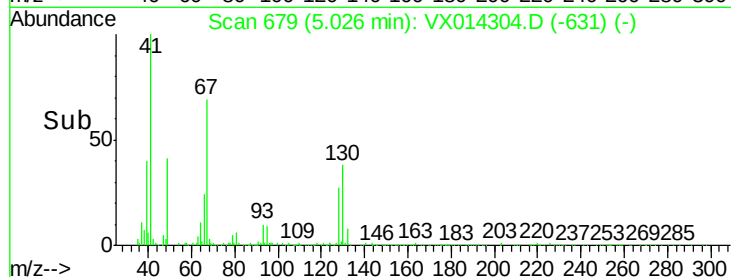
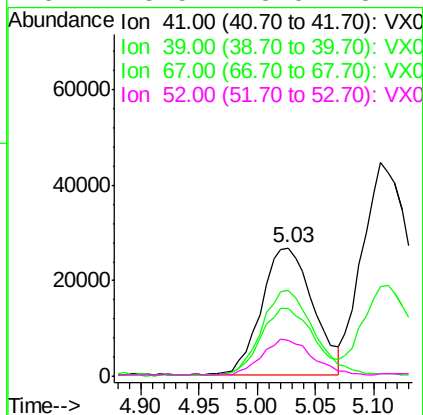
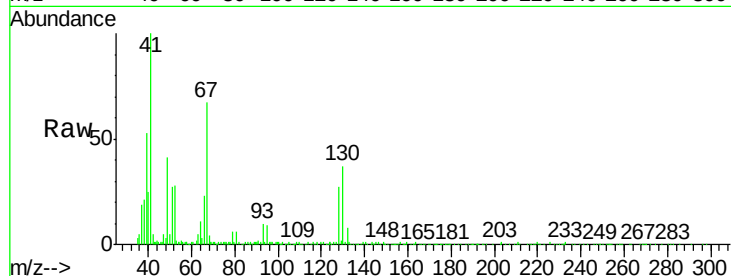




#41
Methacrylonitrile
Concen: 19.214 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

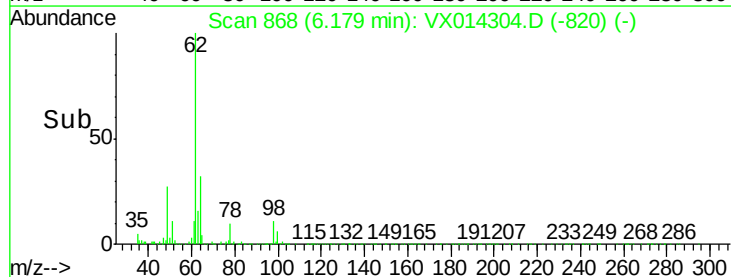
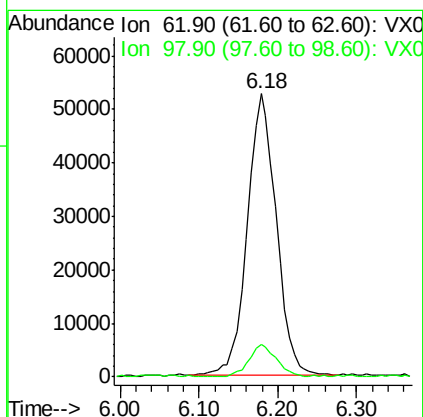
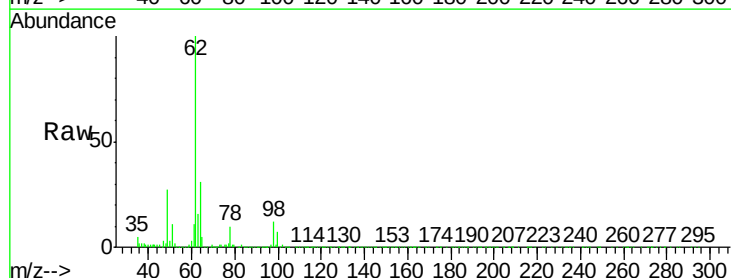
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

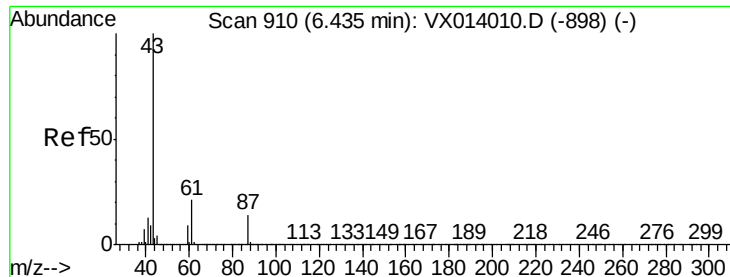
Tgt Ion:	41	Resp:	81690
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.5	66.7
67	68.6	57.4	86.0
52	28.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 18.680 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion:	62	Resp:	135193
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0





#43

Isopropyl Acetate

Concen: 18.623 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

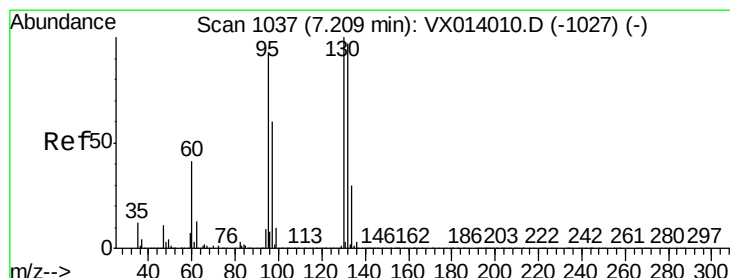
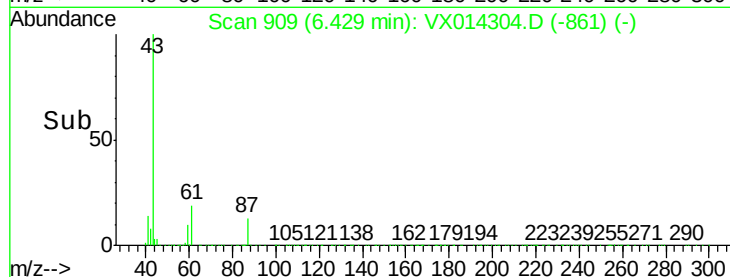
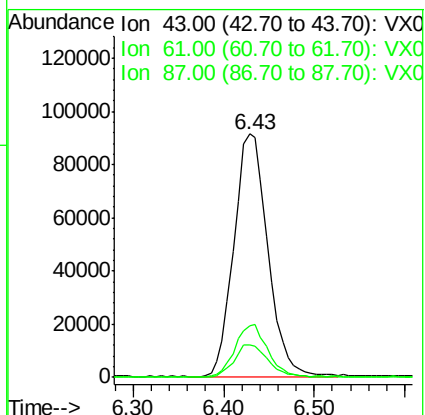
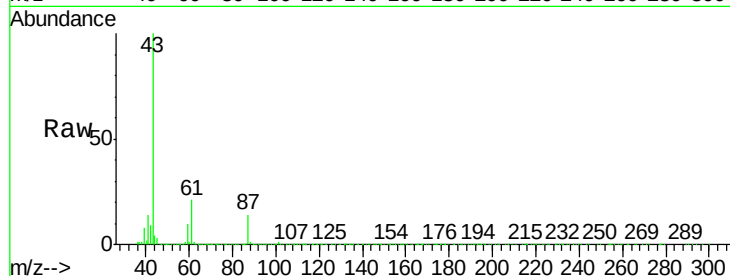
Tgt Ion: 43 Resp: 236159

Ion Ratio Lower Upper

43 100

61 20.3 16.4 24.6

87 13.1 10.7 16.1



#44

Trichloroethene

Concen: 18.532 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014304.D

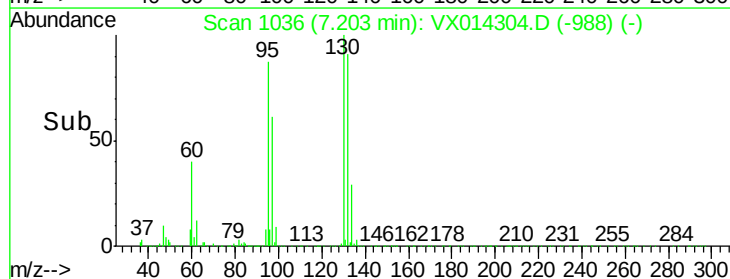
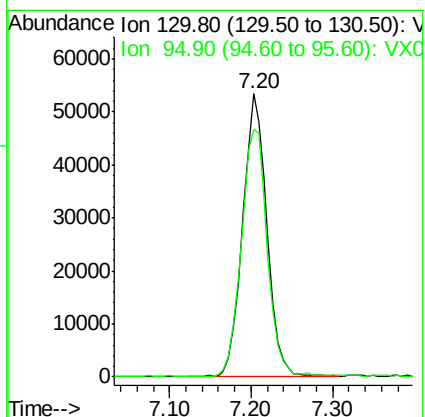
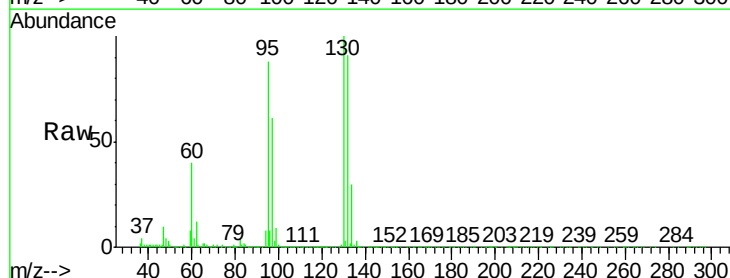
Acq: 27 Dec 2019 13:15

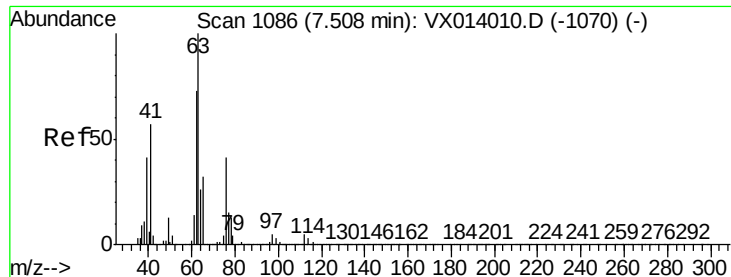
Tgt Ion: 130 Resp: 109283

Ion Ratio Lower Upper

130 100

95 87.4 0.0 185.6

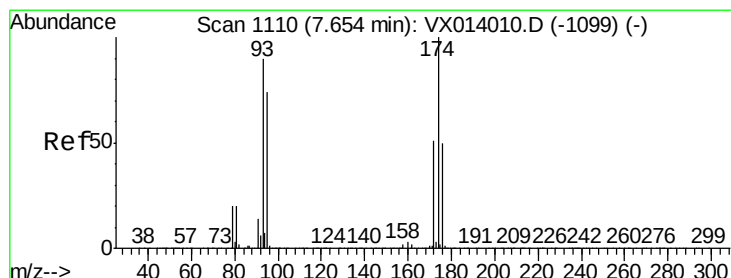
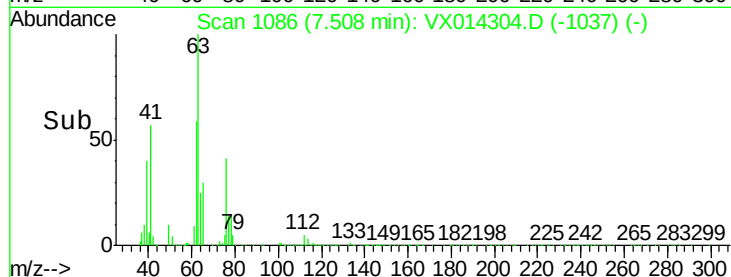
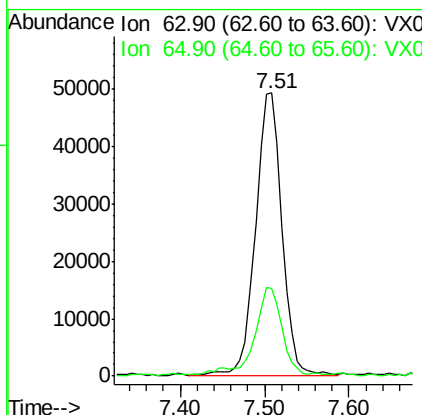
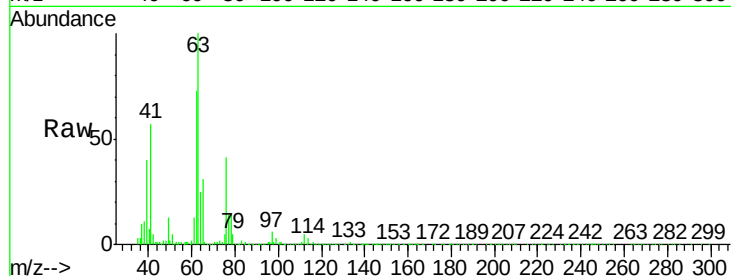




#45
 1,2-Dichloropropane
 Concen: 19.136 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

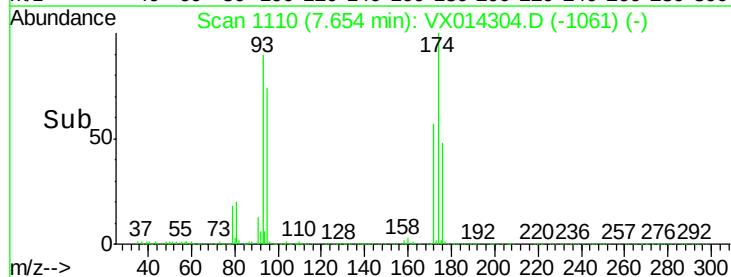
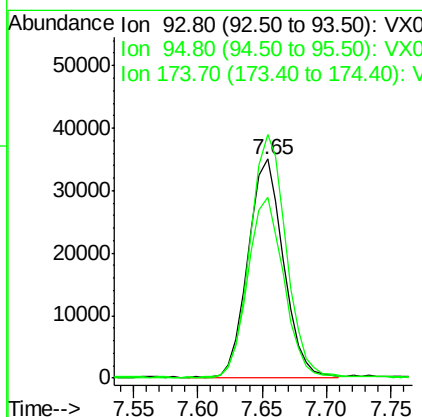
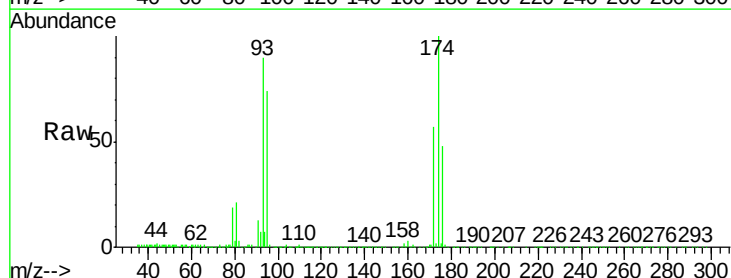
Instrument :
 MSVOA_X
 ClientSampled :
 VX1227WBS01

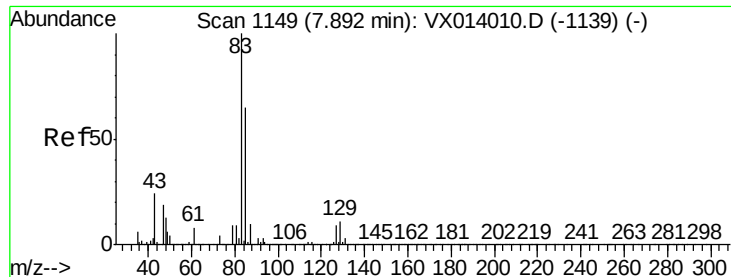
Tgt Ion: 63 Resp: 104719
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.8 38.8



#46
 Dibromomethane
 Concen: 18.368 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion: 93 Resp: 66455
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.3 100.9
 174 113.5 91.6 137.4





#47

Bromodichloromethane

Concen: 18.503 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

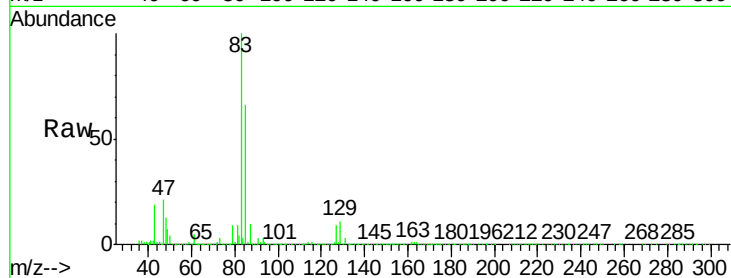
Tgt Ion: 83 Resp: 126077

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.8

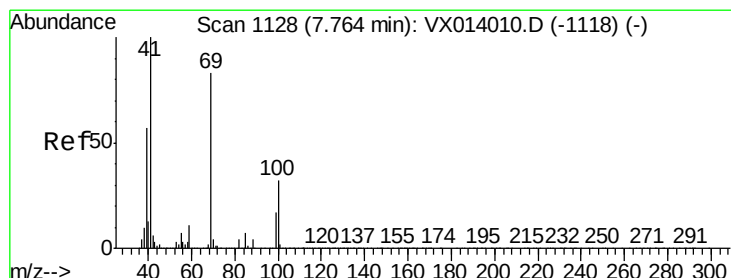
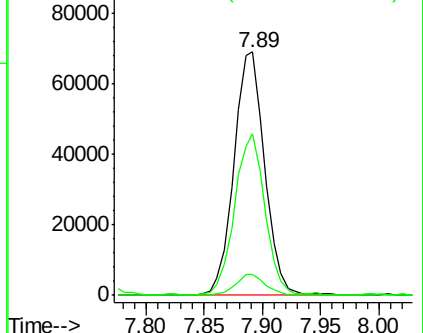
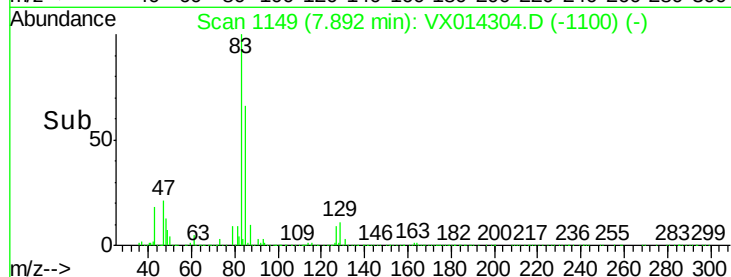
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.419 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

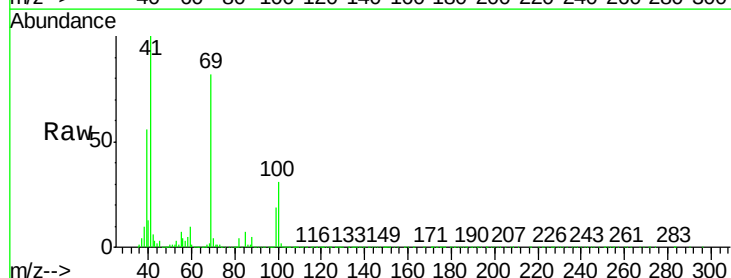
Tgt Ion: 41 Resp: 114374

Ion Ratio Lower Upper

41 100

69 82.8 65.8 98.6

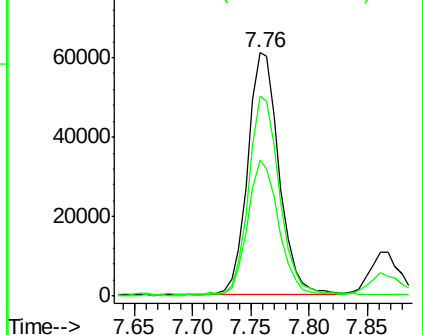
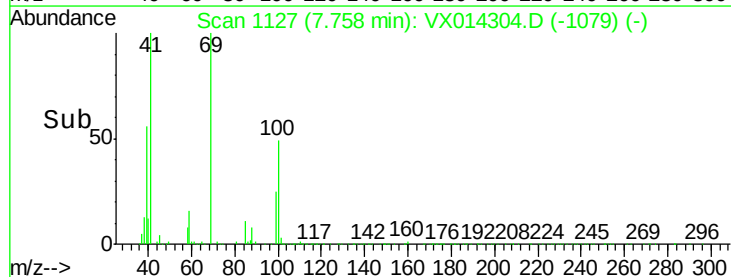
39 57.1 44.6 67.0

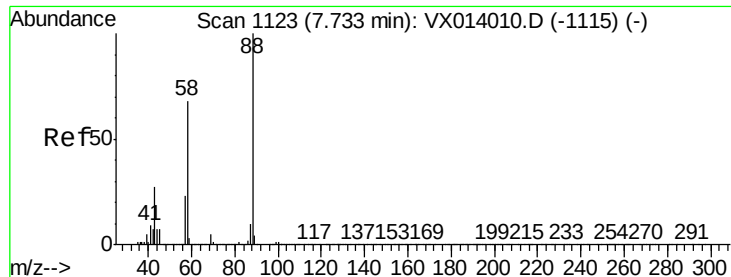


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 337.258 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

VX1227WBS01

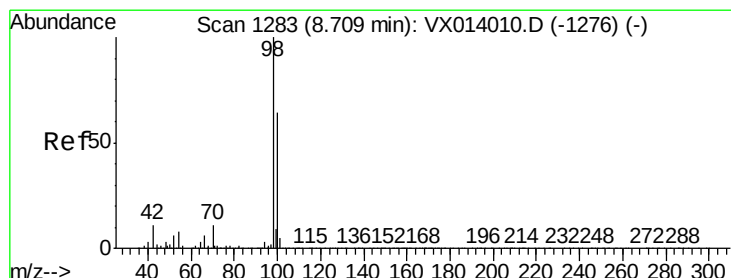
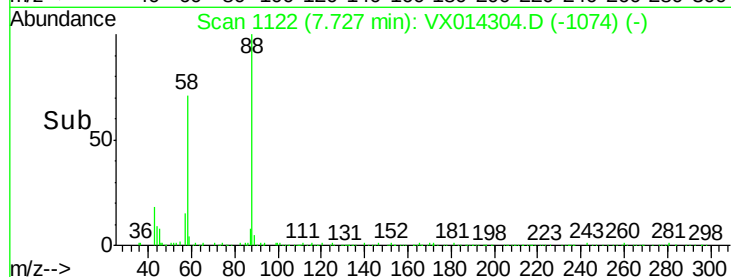
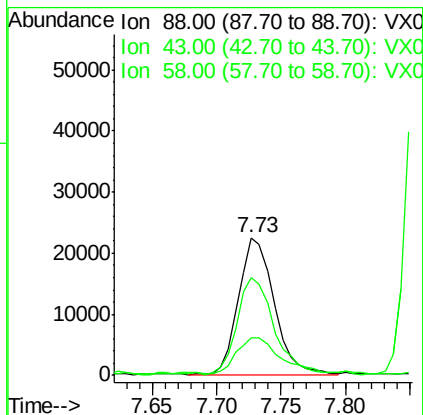
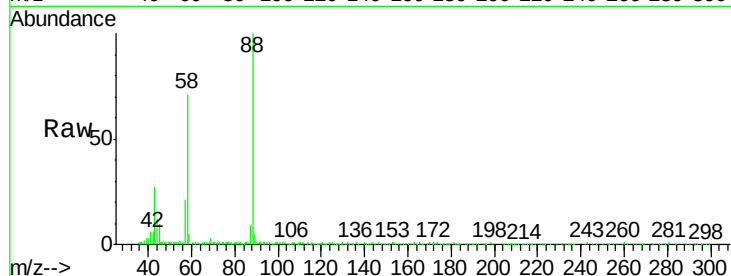
Tgt Ion: 88 Resp: 42618

Ion Ratio Lower Upper

88 100

43 37.4 26.5 39.7

58 73.6 56.8 85.2



#50

Toluene-d8

Concen: 50.035 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014304.D

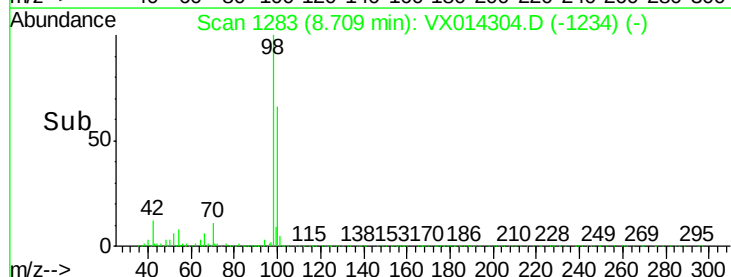
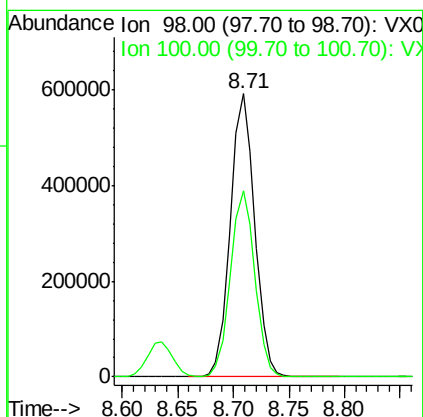
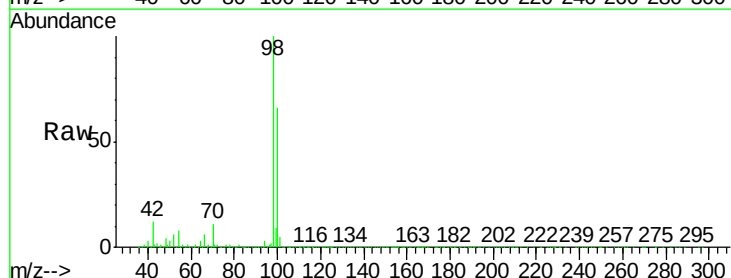
Acq: 27 Dec 2019 13:15

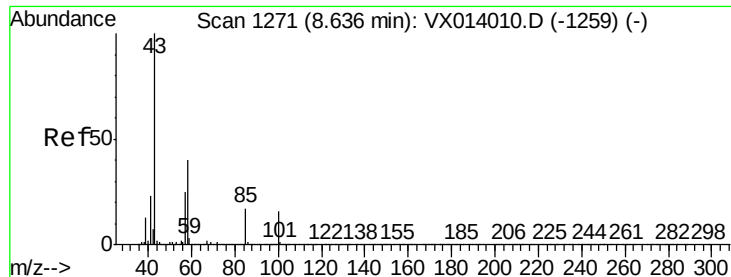
Tgt Ion: 98 Resp: 895499

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3

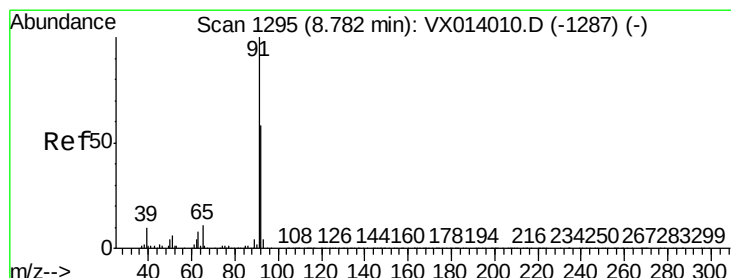
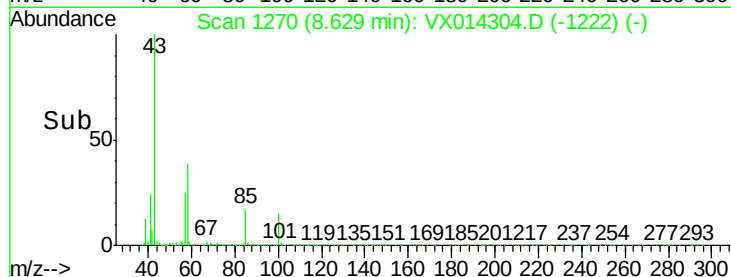
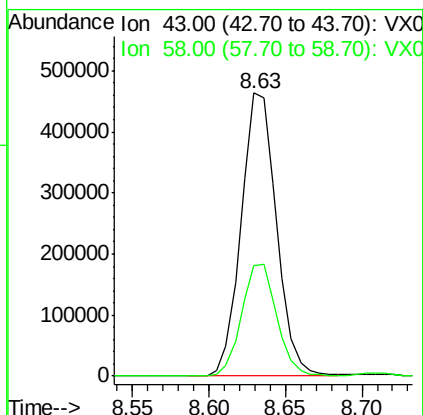
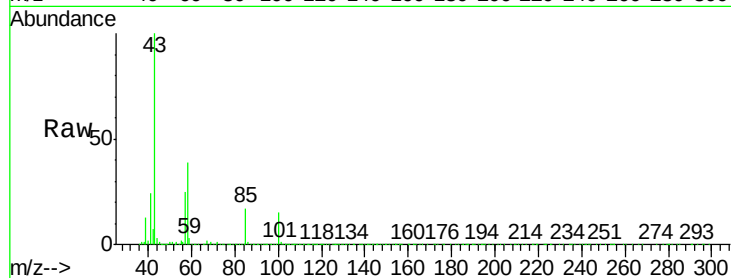




#51
4-Methyl-2-Pentanone
Concen: 93.339 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

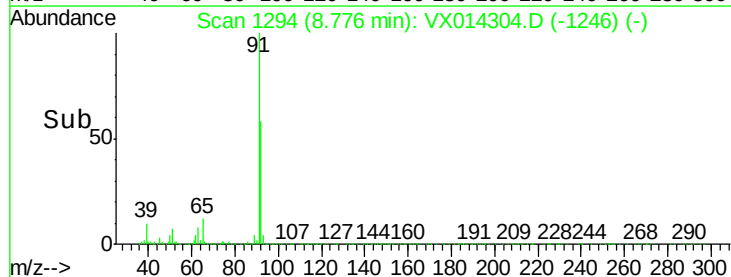
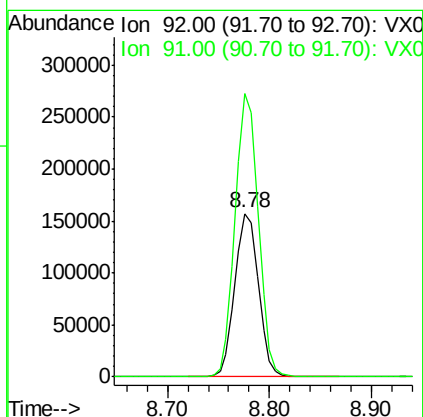
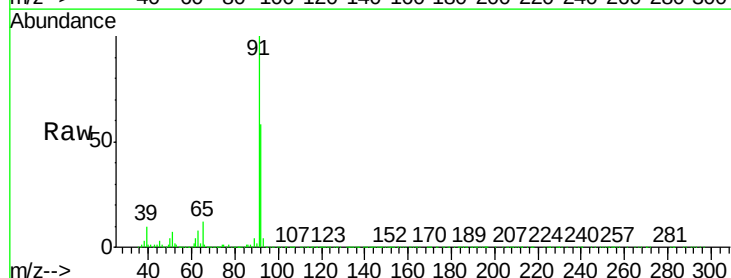
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

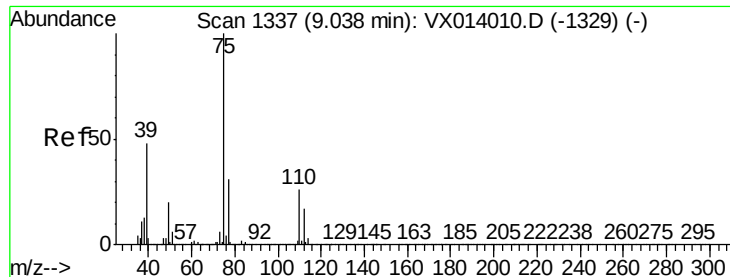
Tgt Ion: 43 Resp: 743342
Ion Ratio Lower Upper
43 100
58 39.4 32.2 48.2



#52
Toluene
Concen: 18.498 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 92 Resp: 249620
Ion Ratio Lower Upper
92 100
91 171.3 136.2 204.4

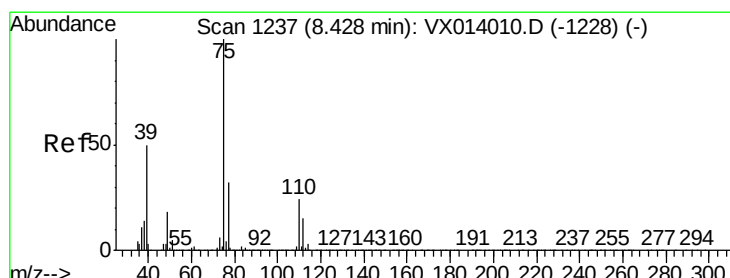
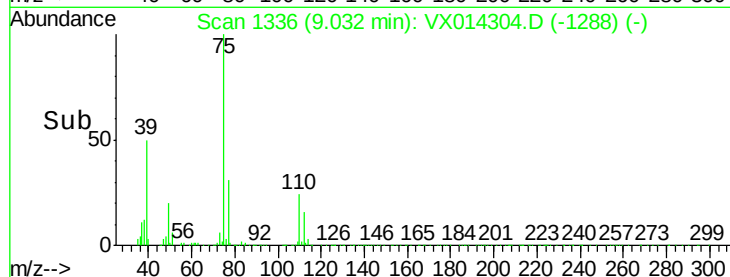
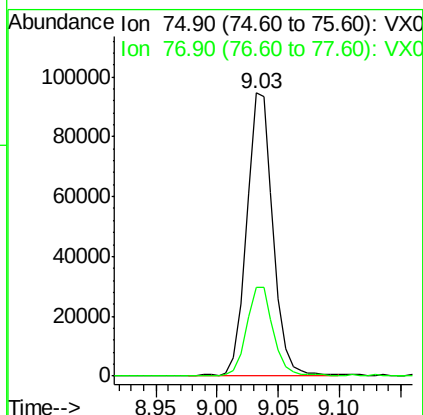
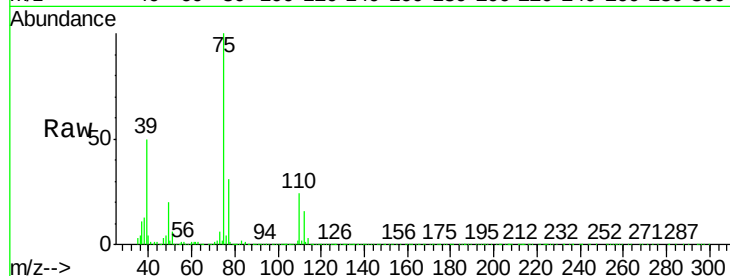




#53
t-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

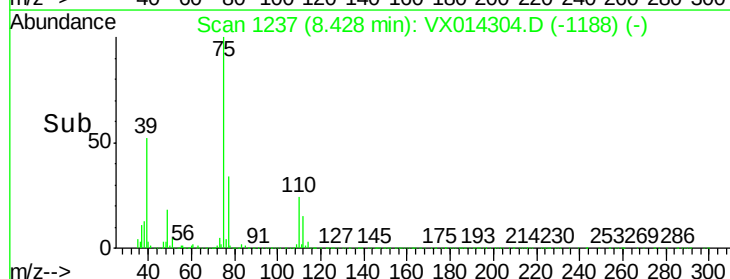
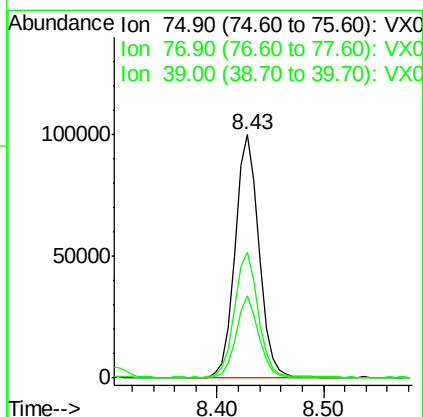
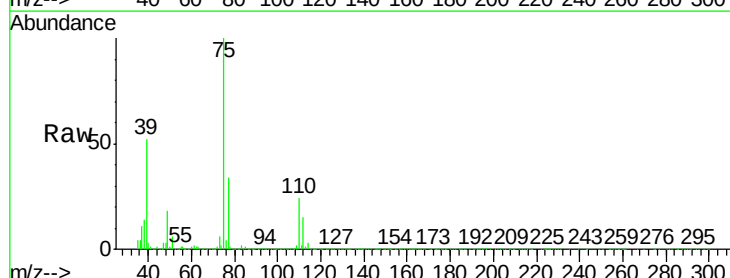
Instrument :
MSVOA_X
ClientSampled :
VX1227WBS01

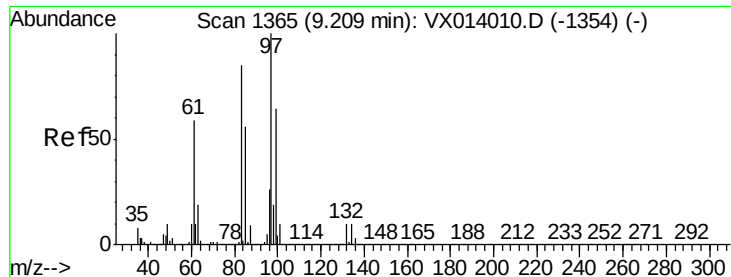
Tgt Ion: 75 Resp: 140325
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.952 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 75 Resp: 157749
Ion Ratio Lower Upper
75 100
77 33.7 25.3 37.9
39 51.4 39.9 59.9

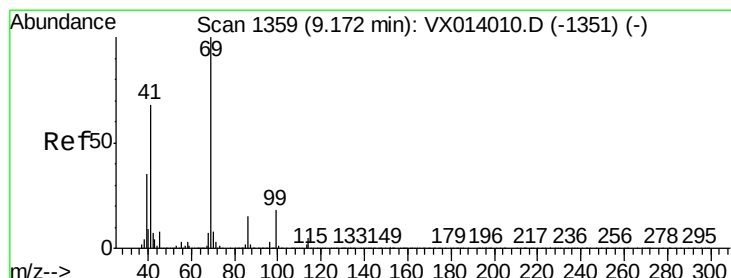
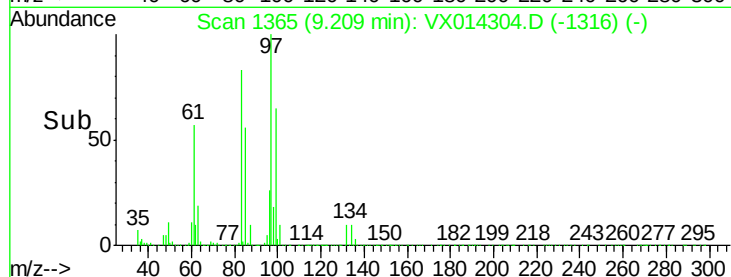
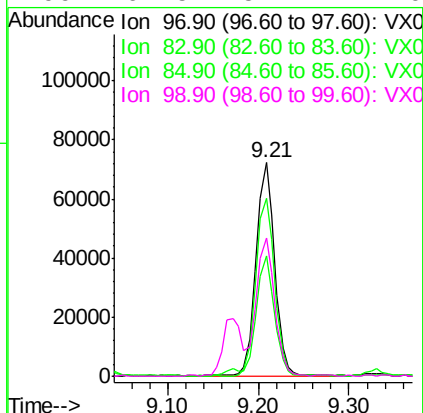
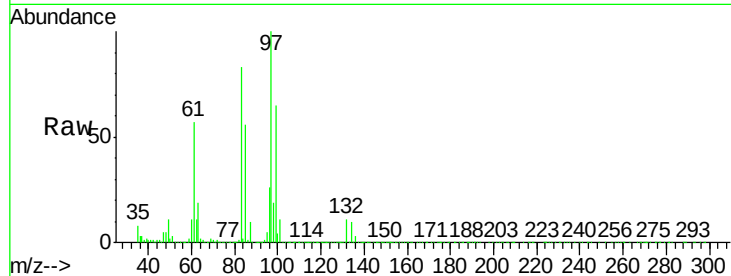




#55
 1,1,2-Trichloroethane
 Concen: 19.104 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

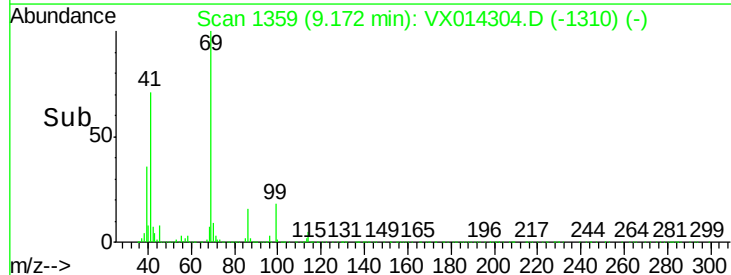
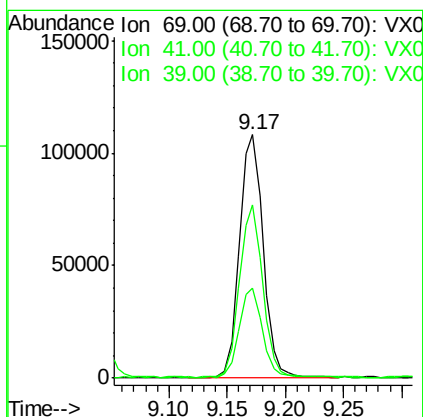
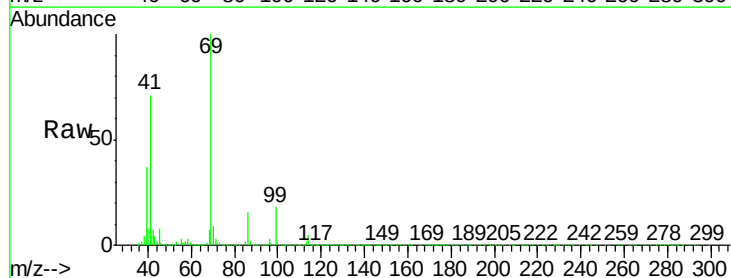
Instrument :
 MSVOA_X
 ClientSampled :
 VX1227WBS01

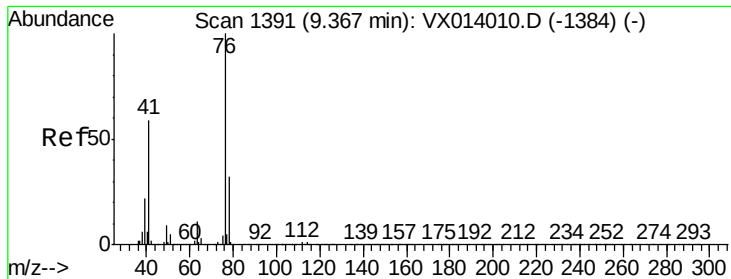
Tgt Ion:	97	Resp:	103324
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.2	102.4
85	56.1	44.6	66.8
99	64.5	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.280 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion:	69	Resp:	155302
Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.8	82.2
39	36.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 18.951 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

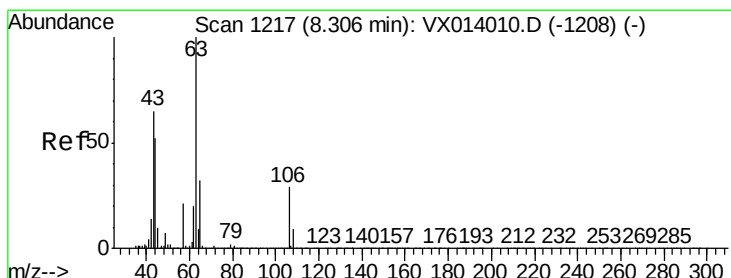
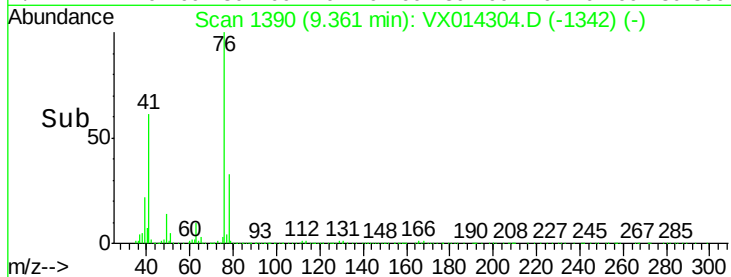
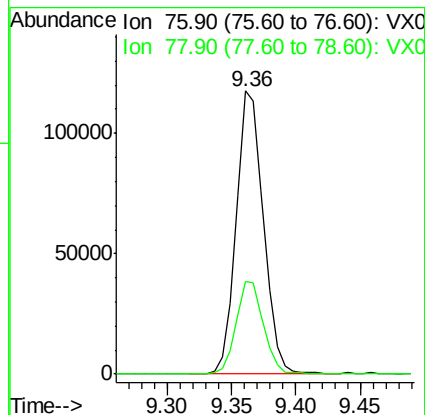
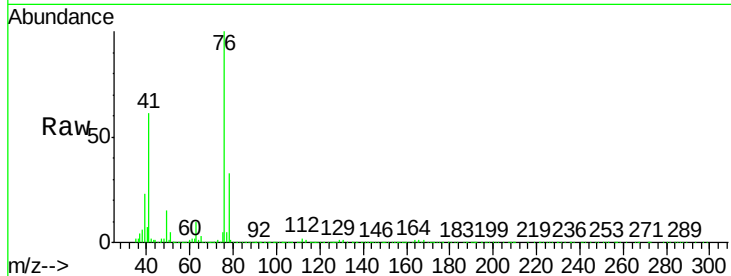
VX1227WBS01

Tgt Ion: 76 Resp: 172450

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.761 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014304.D

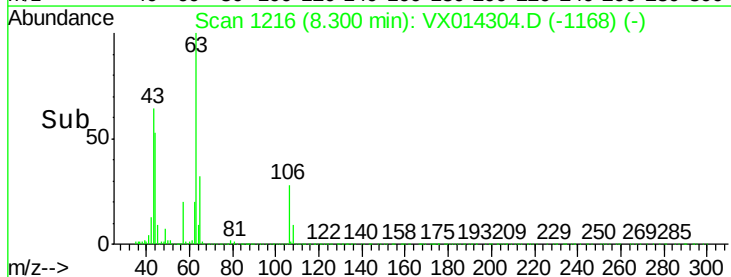
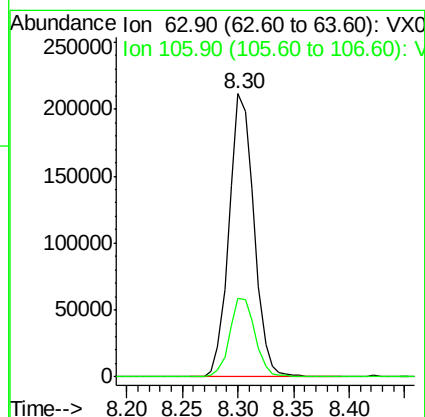
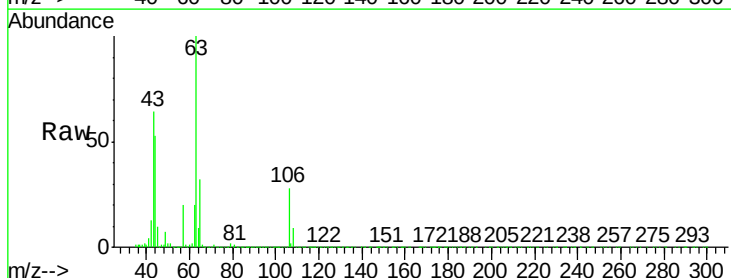
Acq: 27 Dec 2019 13:15

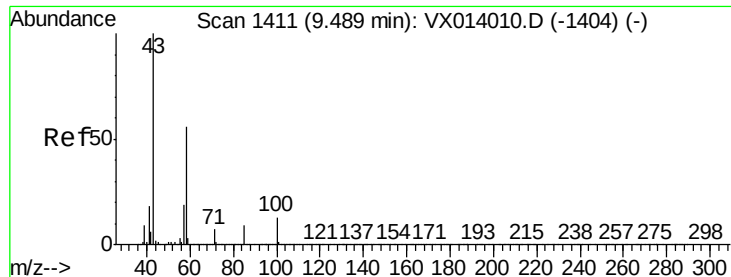
Tgt Ion: 63 Resp: 327178

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.6

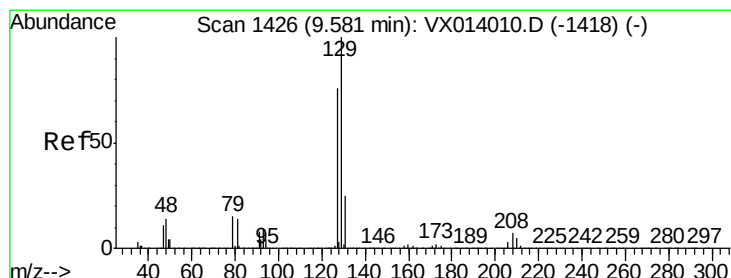
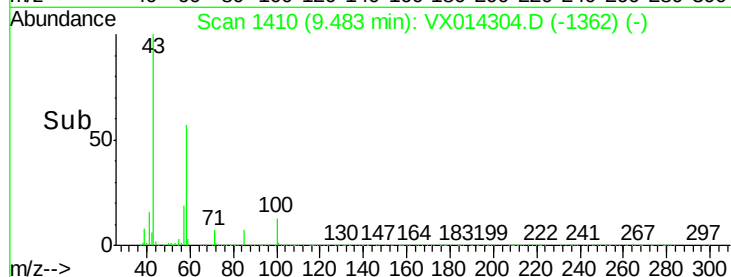
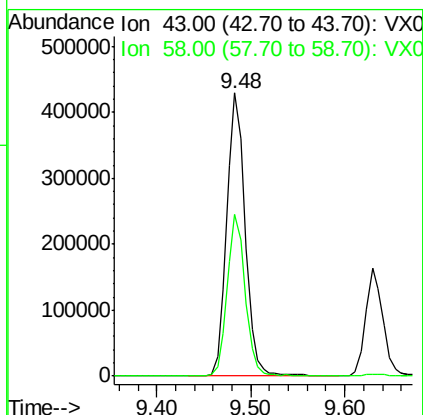
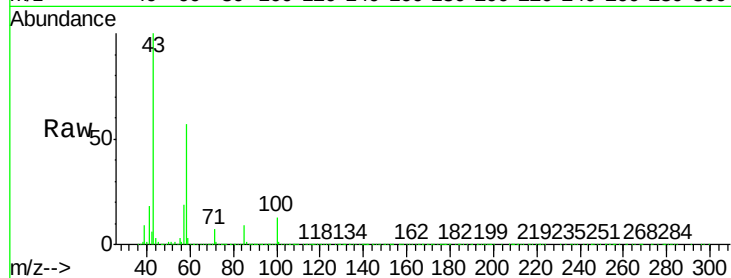




#59
2-Hexanone
Concen: 90.744 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

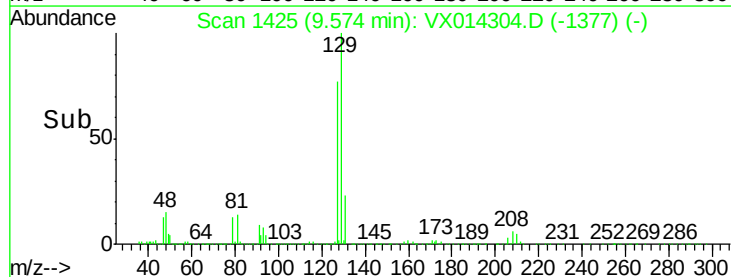
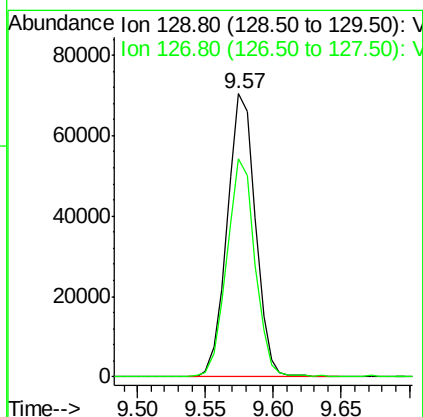
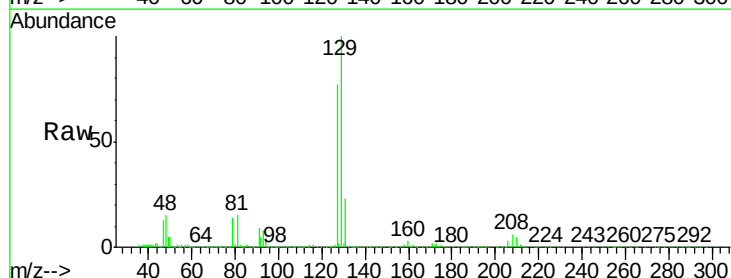
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

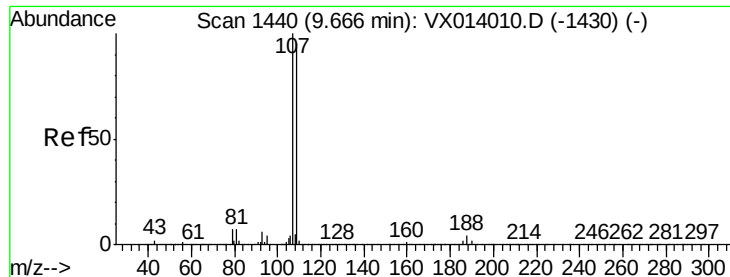
Tgt Ion: 43 Resp: 581761
Ion Ratio Lower Upper
43 100
58 56.2 28.0 84.0



#60
Dibromochloromethane
Concen: 18.830 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 129 Resp: 101232
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.154 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

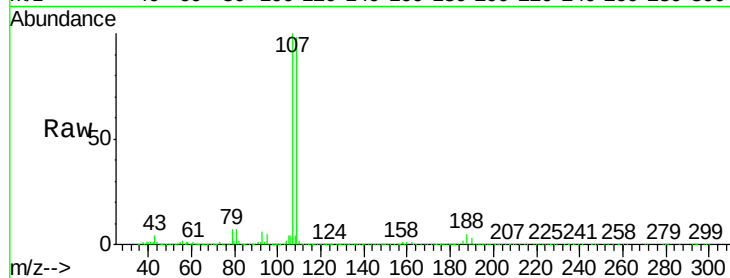
VX1227WBS01

Tgt Ion: 107 Resp: 105994

Ion Ratio Lower Upper

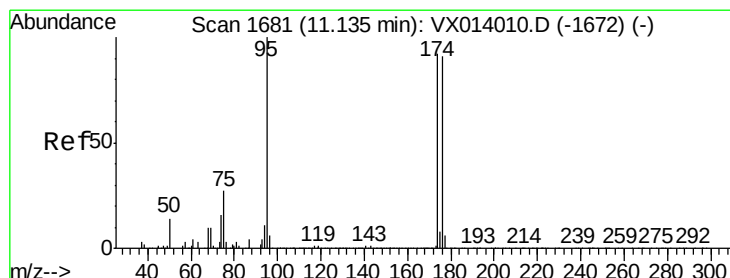
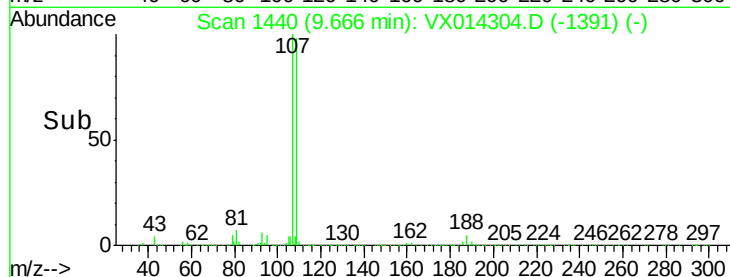
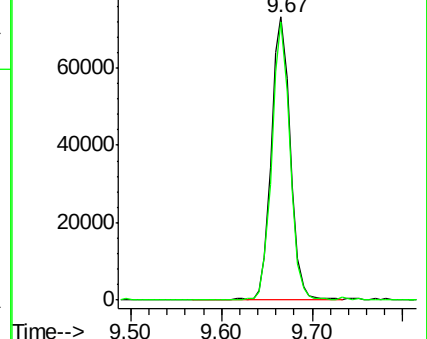
107 100

109 92.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

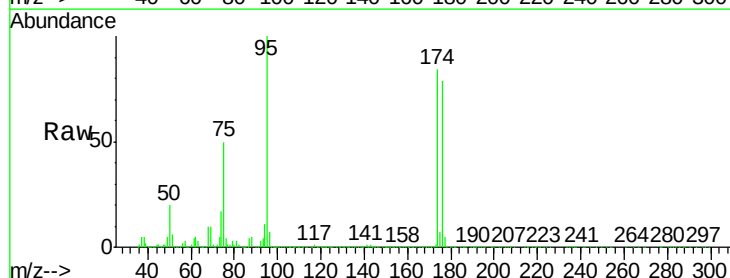
Tgt Ion: 95 Resp: 316921

Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.8

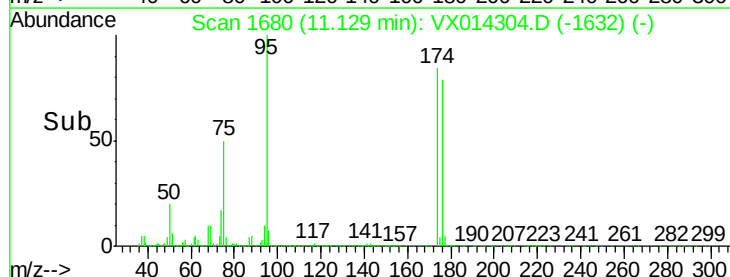
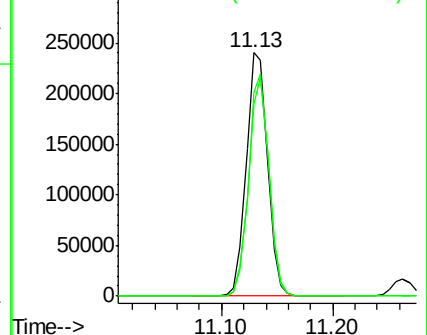
176 85.9 0.0 173.0

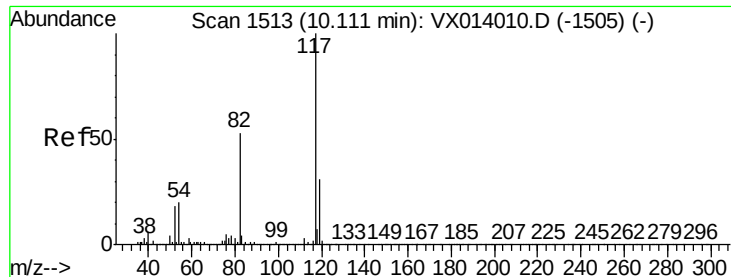


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

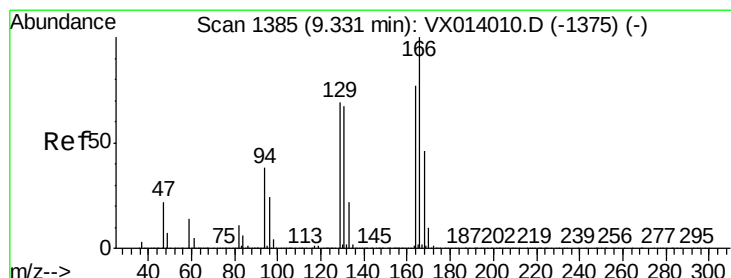
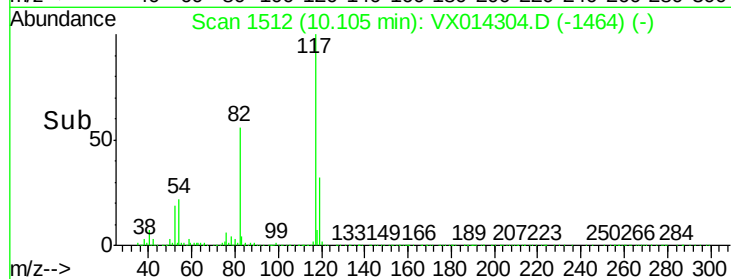
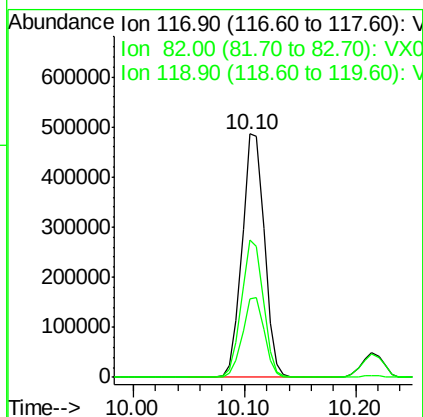
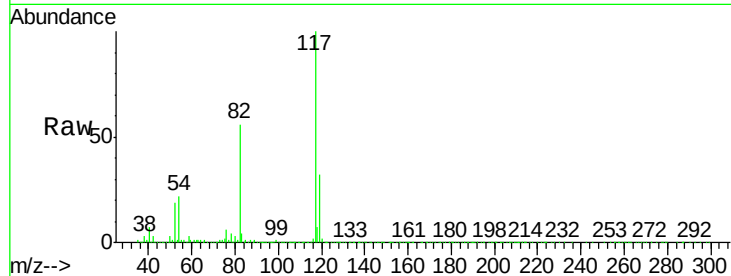




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

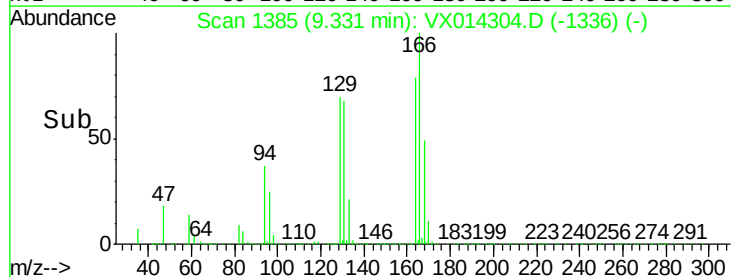
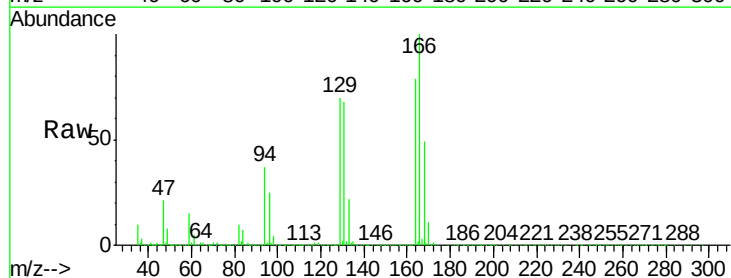
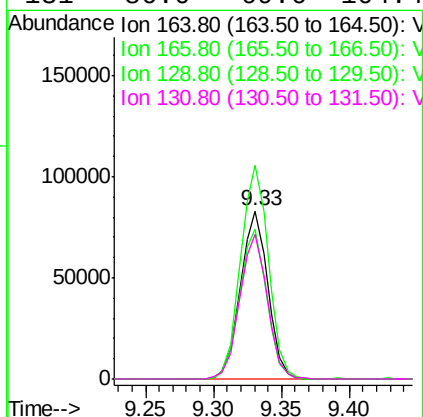
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

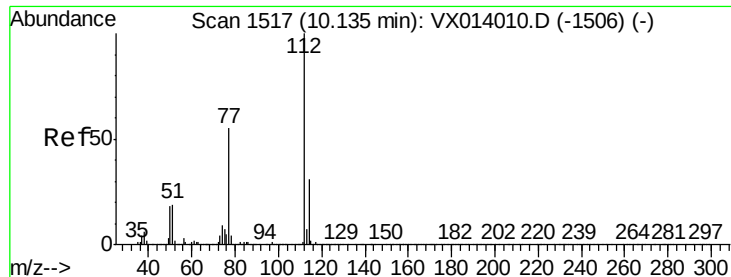
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.2	63.4
119	32.2	25.1	37.7



#64
Tetrachloroethene
Concen: 19.607 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.0	156.0
129	88.8	72.2	108.4
131	86.0	69.6	104.4





#65

Chlorobenzene

Concen: 18.471 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

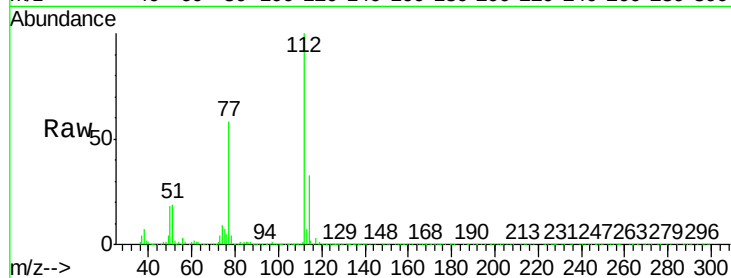
VX1227WBS01

Tgt Ion:112 Resp: 265338

Ion Ratio Lower Upper

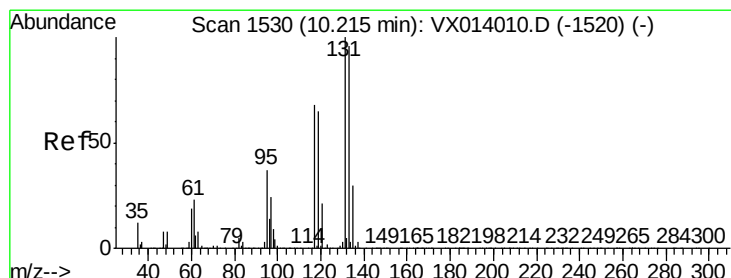
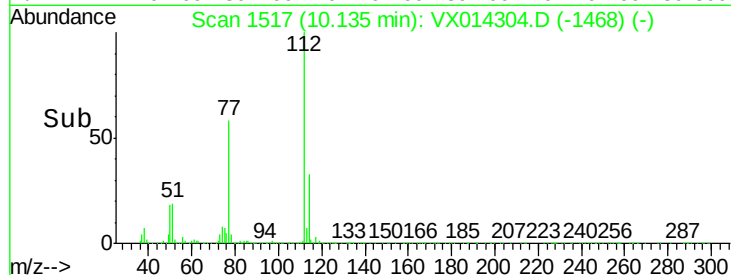
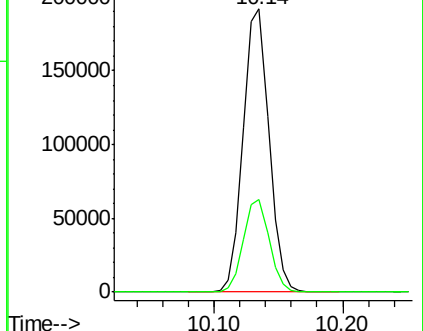
112 100

114 32.5 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: 18.665 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

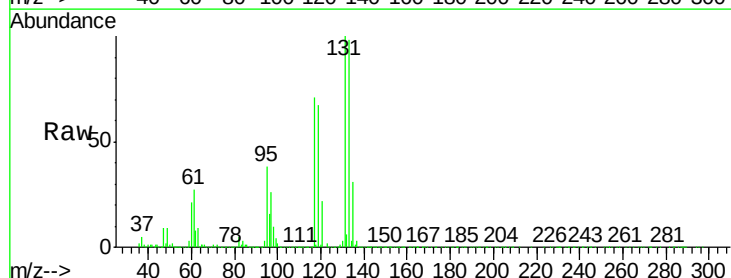
Tgt Ion:131 Resp: 95733

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

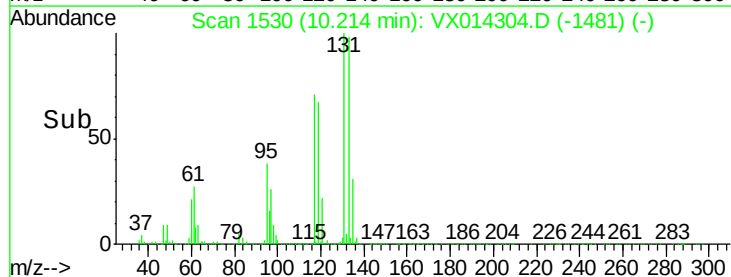
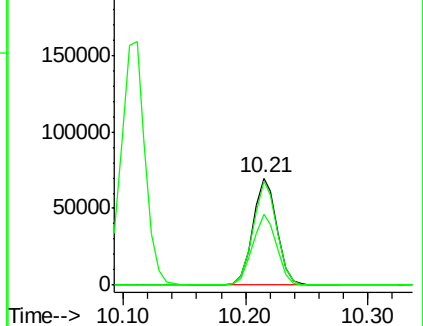
119 66.9 33.4 100.2

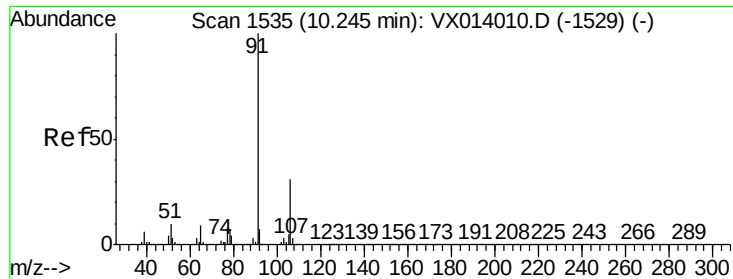


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.947 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

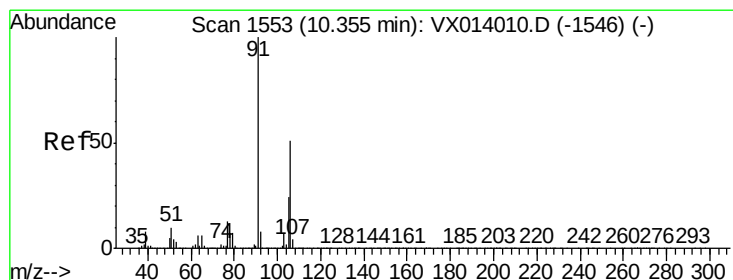
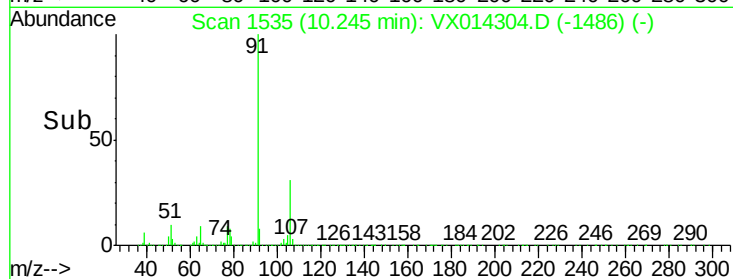
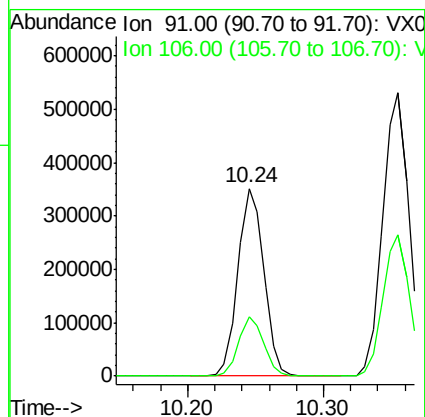
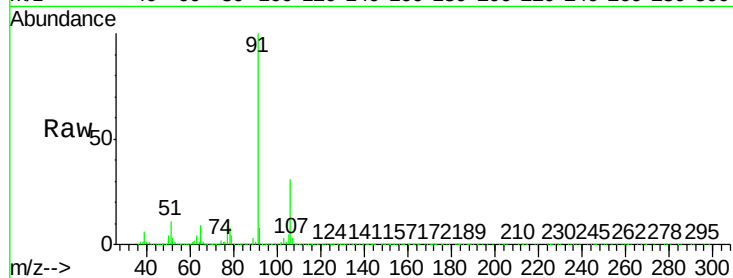
VX1227WBS01

Tgt Ion: 91 Resp: 467925

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 37.753 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014304.D

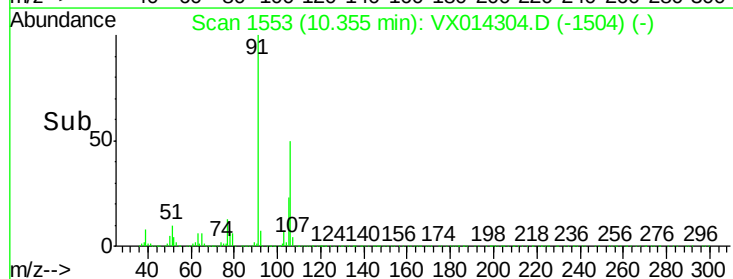
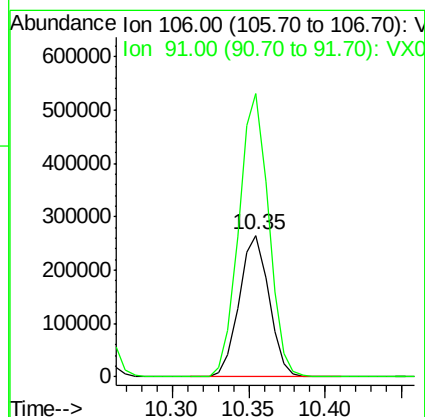
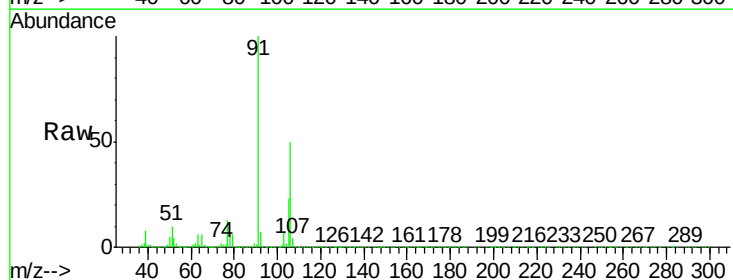
Acq: 27 Dec 2019 13:15

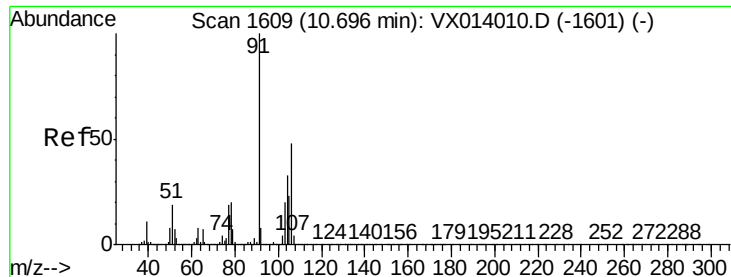
Tgt Ion: 106 Resp: 358602

Ion Ratio Lower Upper

106 100

91 198.6 158.6 238.0

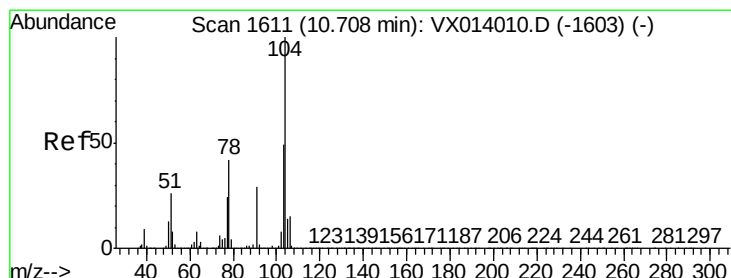
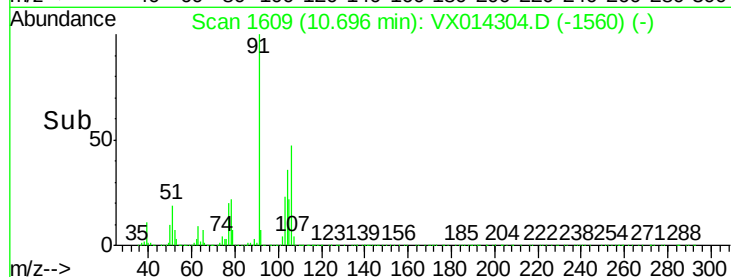
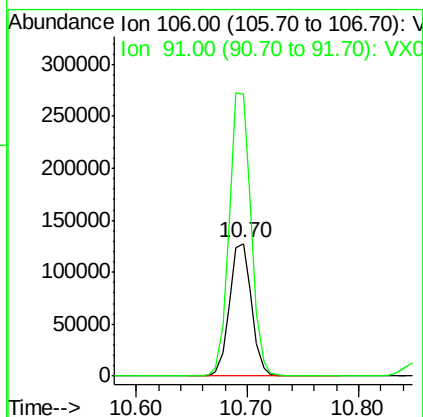
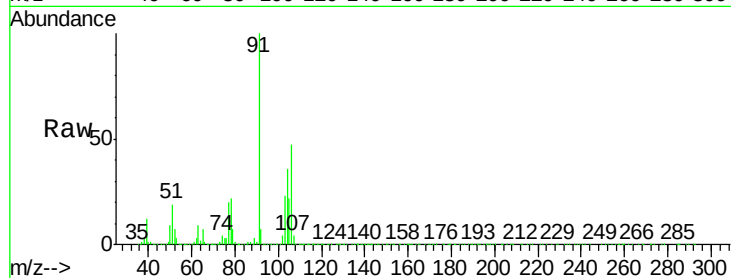




#69
o-Xylene
Concen: 18.560 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

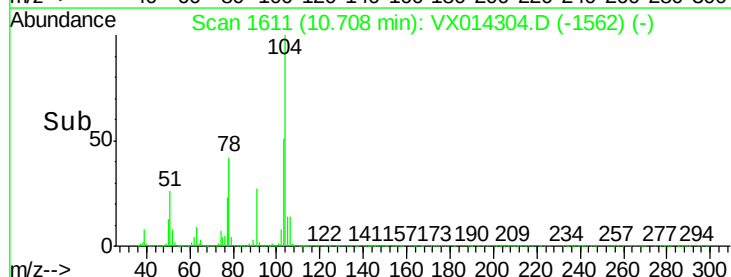
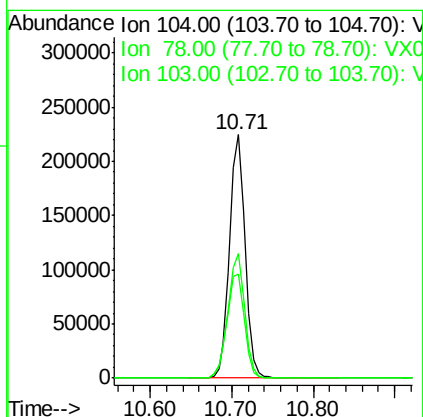
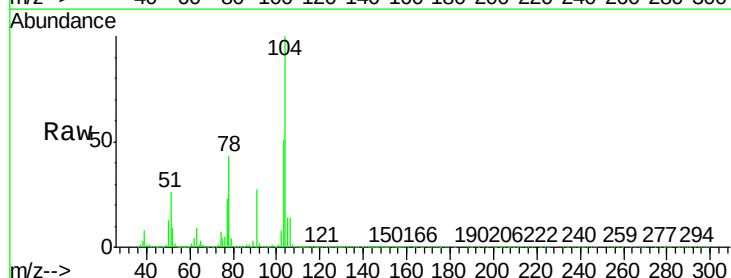
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

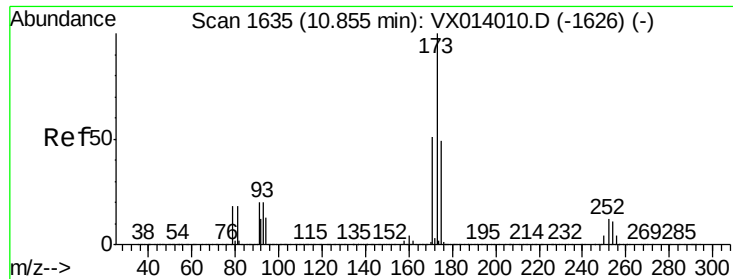
Tgt Ion:106 Resp: 172906
Ion Ratio Lower Upper
106 100
91 212.1 104.2 312.6



#70
Styrene
Concen: 18.601 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion:104 Resp: 293024
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.1 42.9 64.3





#71

Bromoform

Concen: 17.956 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

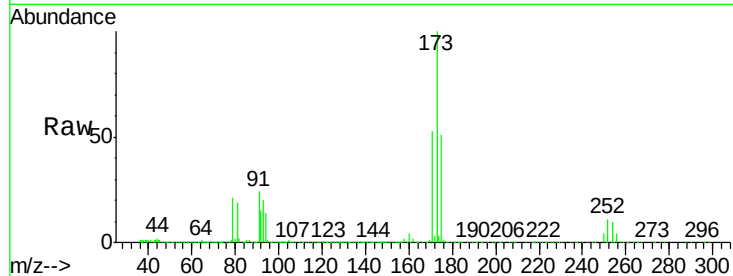
Tgt Ion:173 Resp: 74032

Ion Ratio Lower Upper

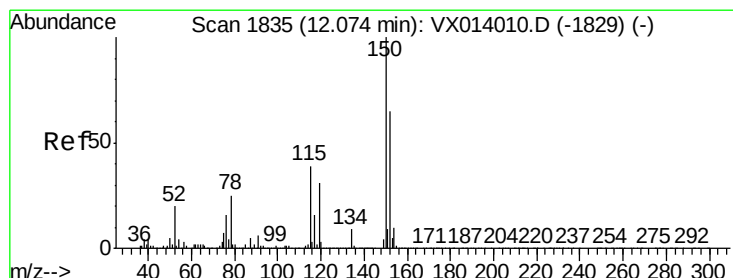
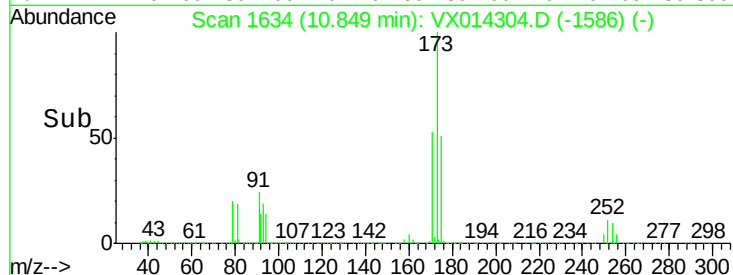
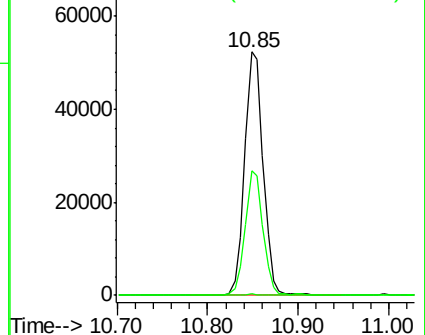
173 100

175 49.1 24.4 73.4

254 0.4 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: VX014304.D

Acq: 27 Dec 2019 13:15

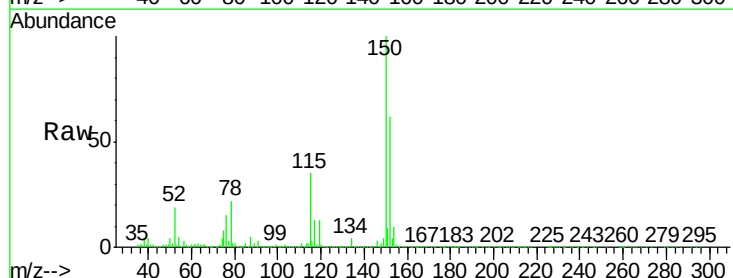
Tgt Ion:152 Resp: 335091

Ion Ratio Lower Upper

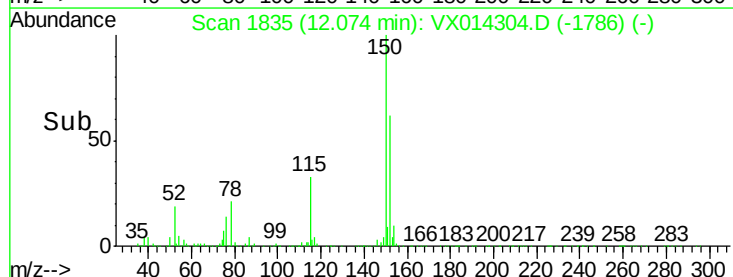
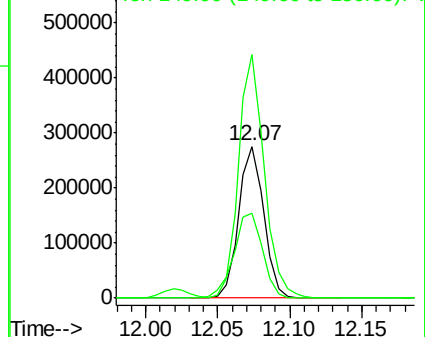
152 100

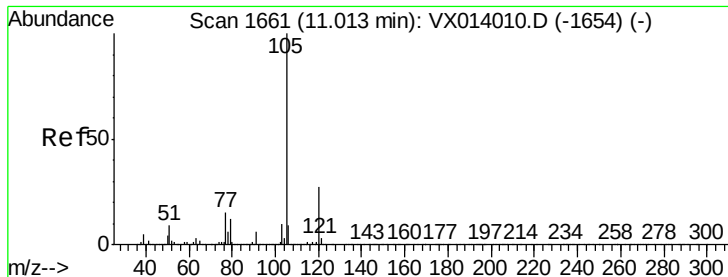
115 64.4 38.3 114.9

150 164.4 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: 19.330 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

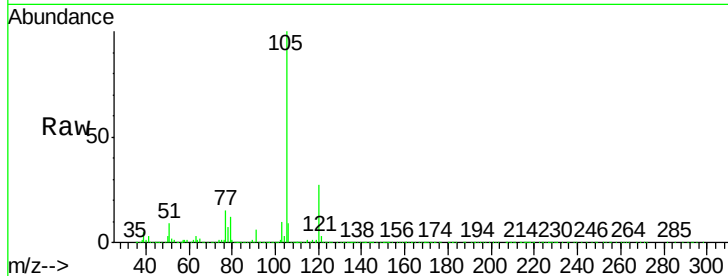
VX1227WBS01

Tgt Ion: 105 Resp: 456059

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

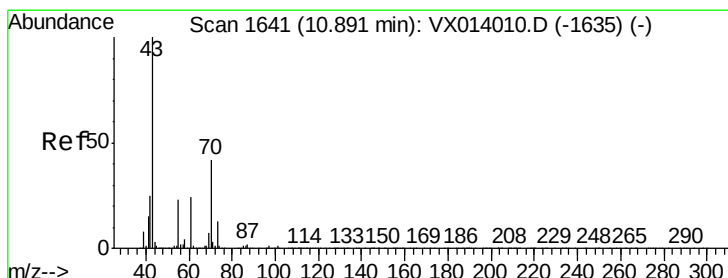
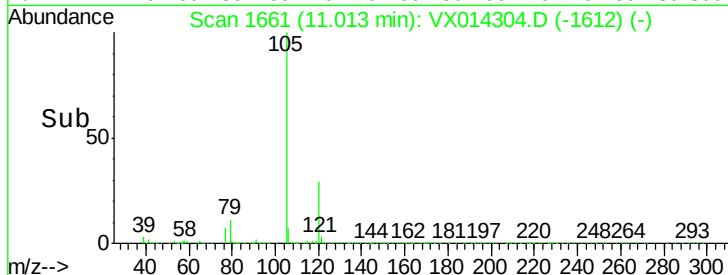
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.104 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion: 43 Resp: 200215

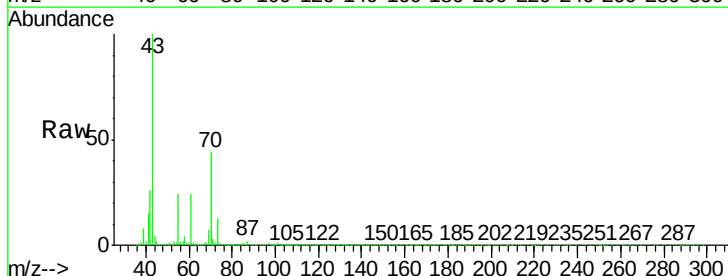
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 24.4 19.1 28.7

61 24.3 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

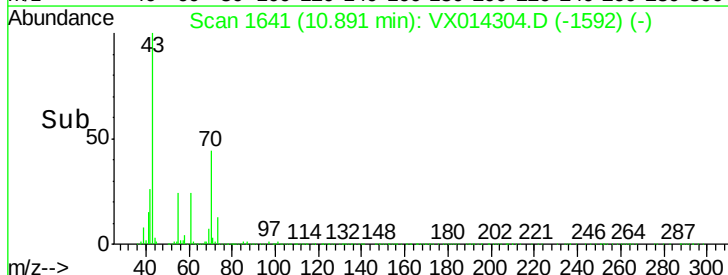
150000

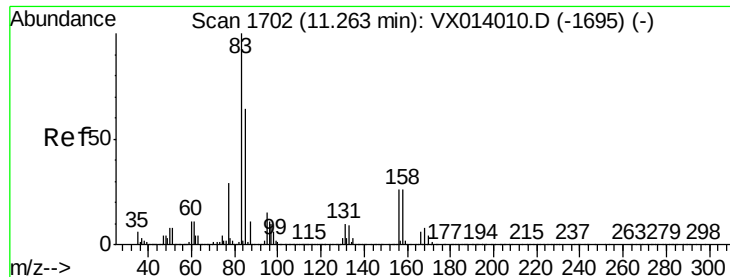
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.570 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

VX1227WBS01

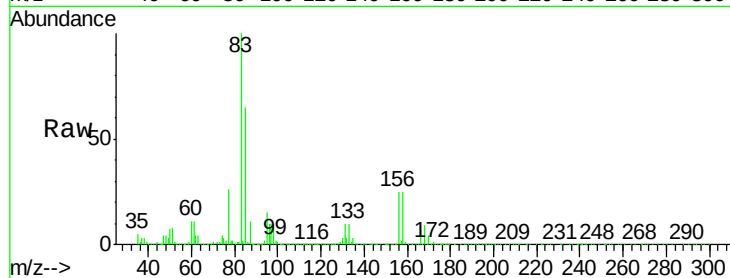
Tgt Ion: 83 Resp: 151896

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

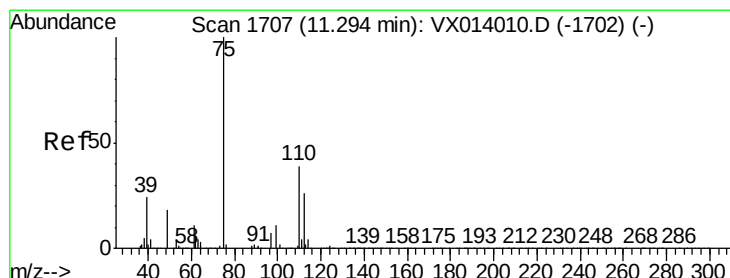
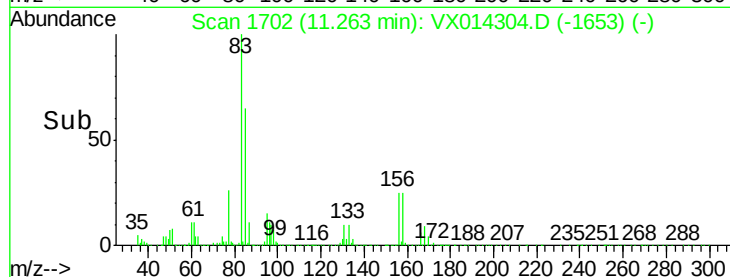
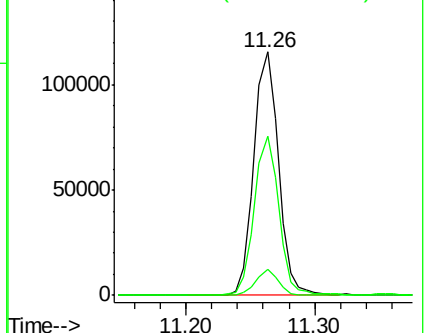
85 65.2 31.9 95.7



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: 23.642 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014304.D

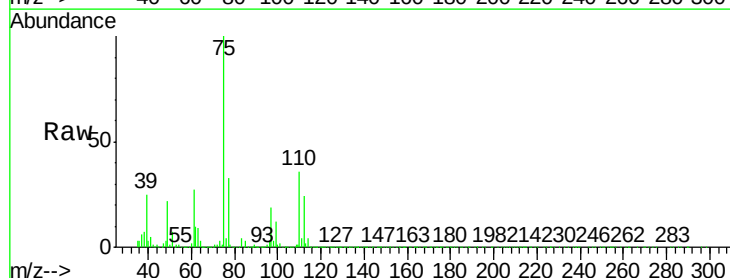
Acq: 27 Dec 2019 13:15

Tgt Ion: 75 Resp: 171991

Ion Ratio Lower Upper

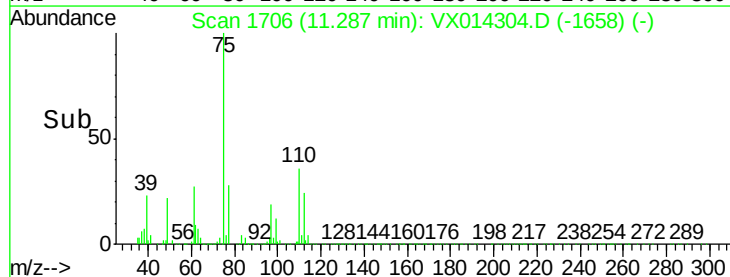
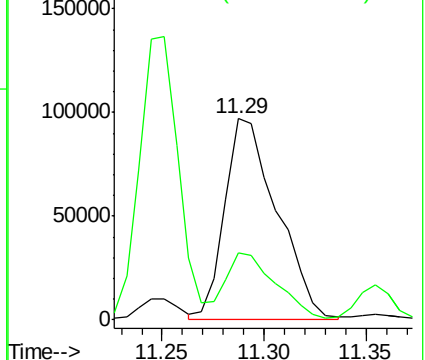
75 100

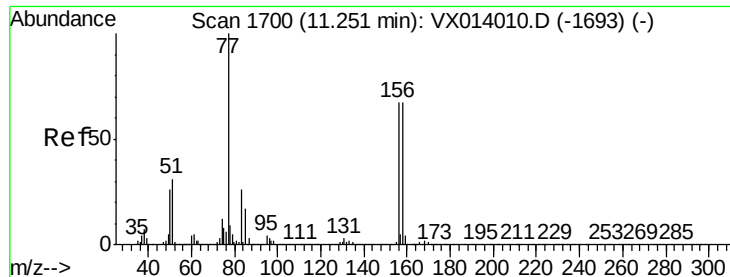
77 30.4 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.299 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

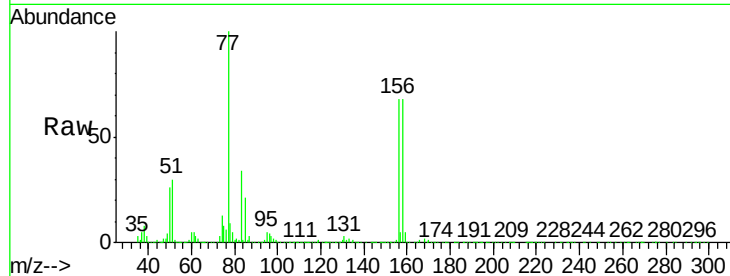
Tgt Ion:156 Resp: 118787

Ion Ratio Lower Upper

156 100

77 150.8 76.5 229.5

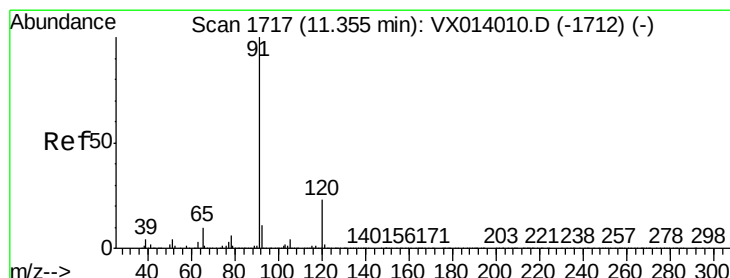
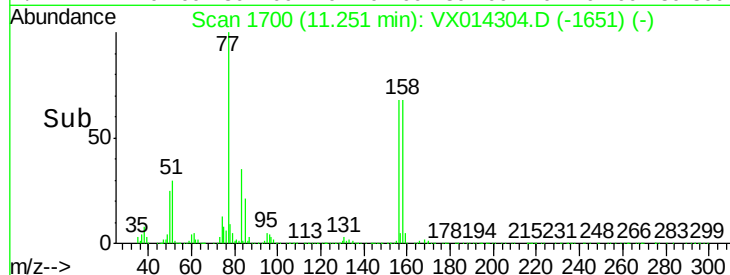
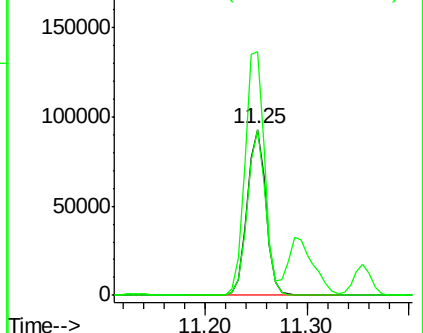
158 97.4 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.591 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014304.D

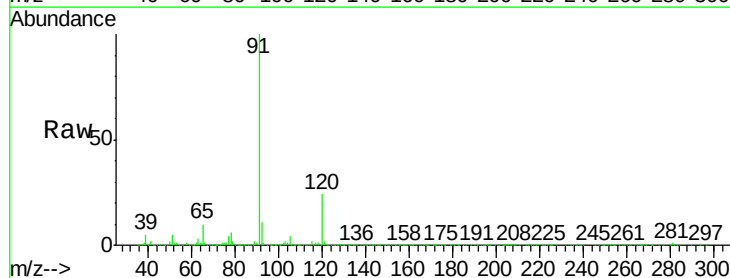
Acq: 27 Dec 2019 13:15

Tgt Ion: 91 Resp: 518456

Ion Ratio Lower Upper

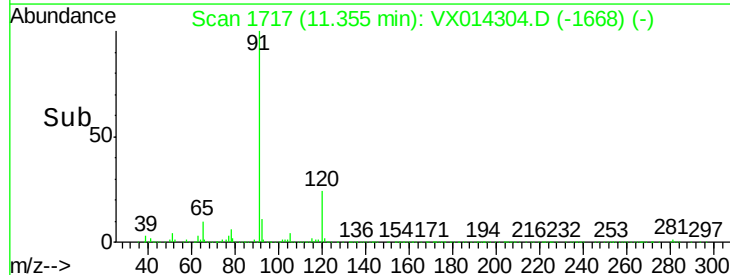
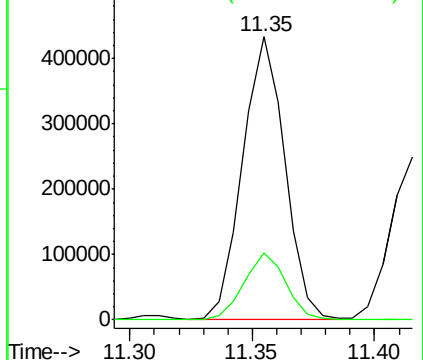
91 100

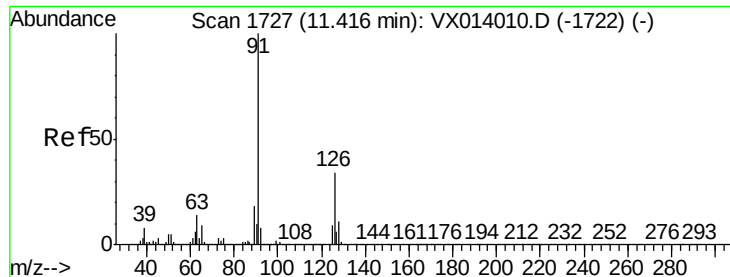
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.244 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

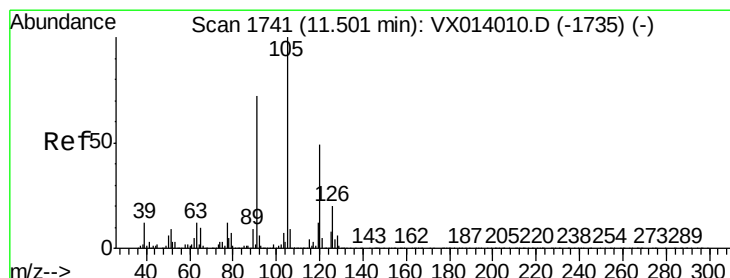
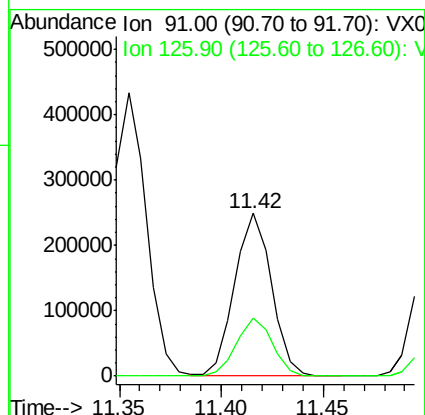
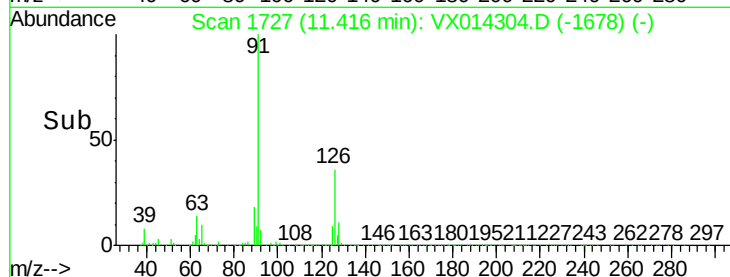
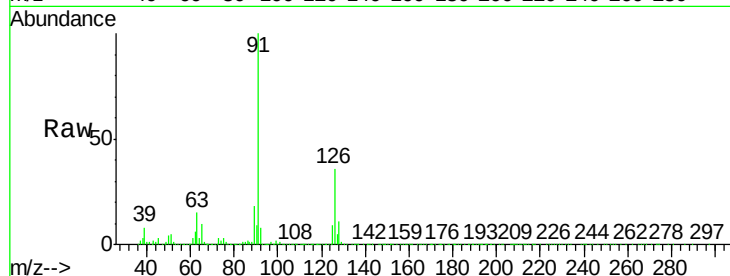
VX1227WBS01

Tgt Ion: 91 Resp: 309572

Ion Ratio Lower Upper

91 100

126 35.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.333 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014304.D

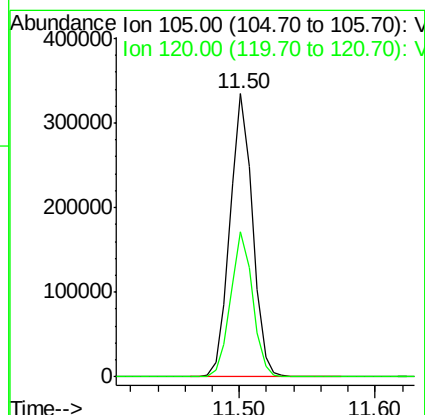
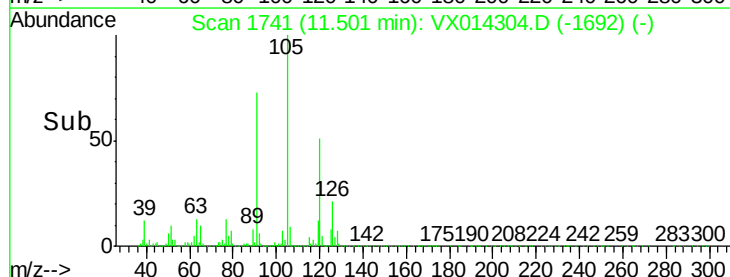
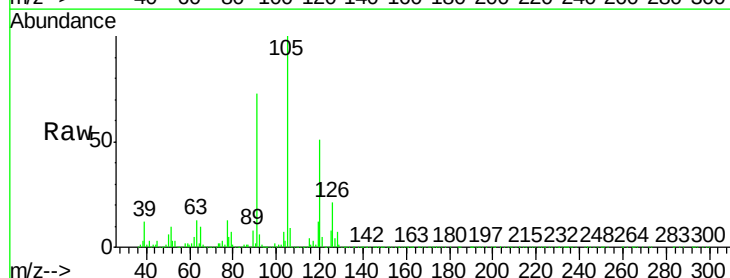
Acq: 27 Dec 2019 13:15

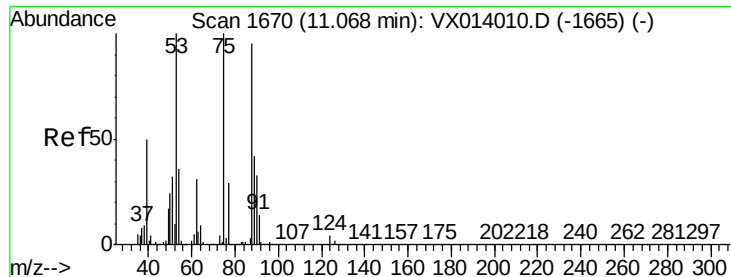
Tgt Ion: 105 Resp: 383872

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8

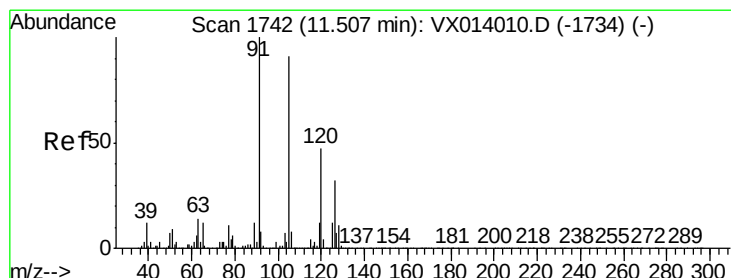
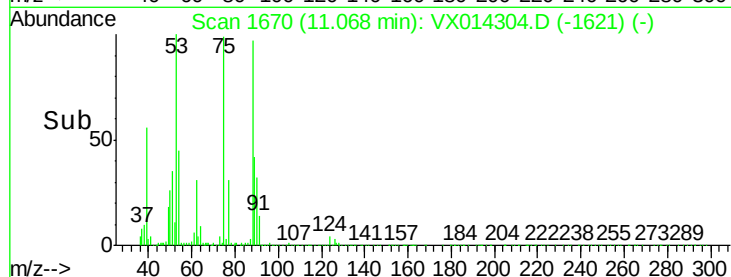
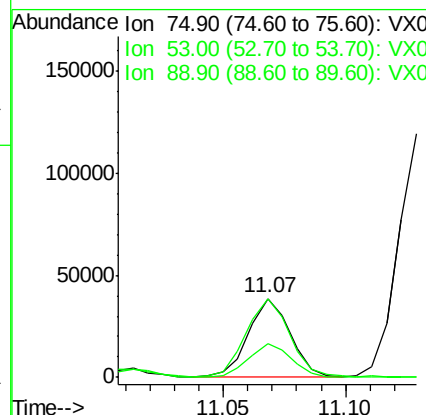
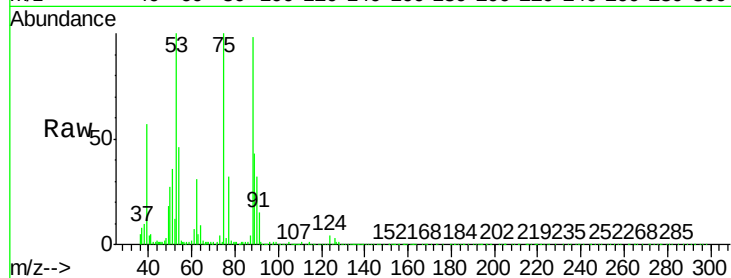




#81
trans-1,4-Dichloro-2-butene
Concen: 17.734 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

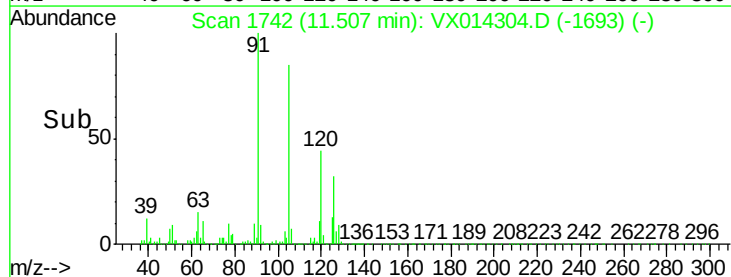
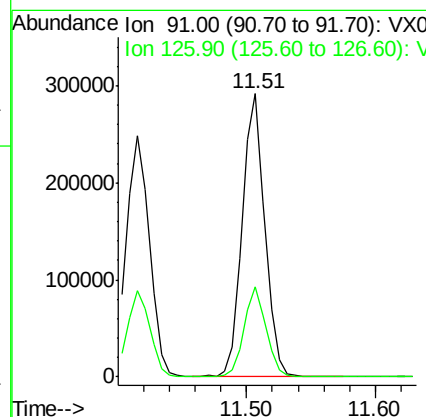
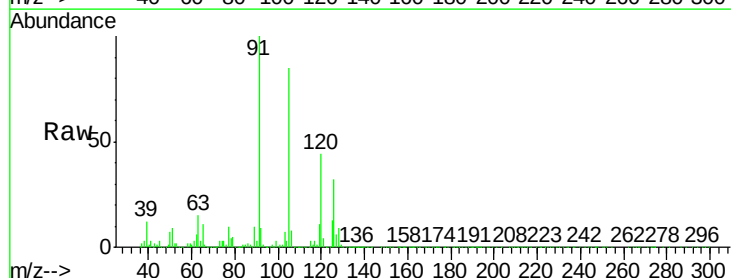
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

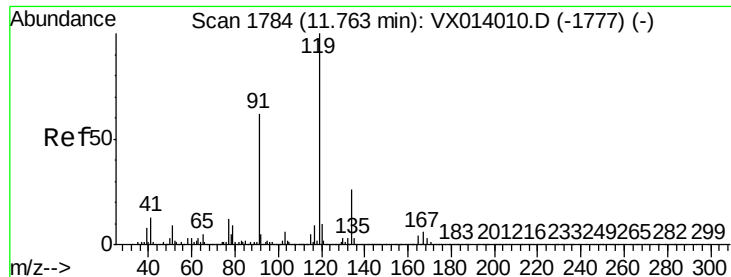
Tgt Ion: 75 Resp: 45707
Ion Ratio Lower Upper
75 100
53 105.4 76.7 115.1
89 45.7 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.032 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 91 Resp: 355142
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8

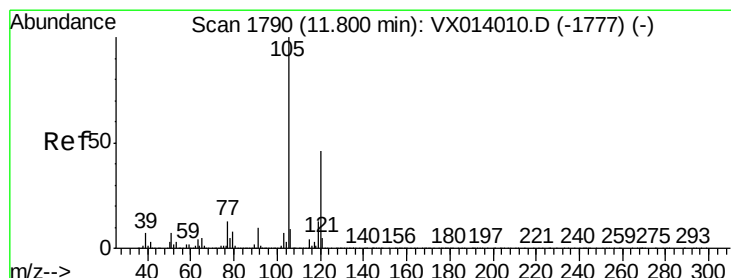
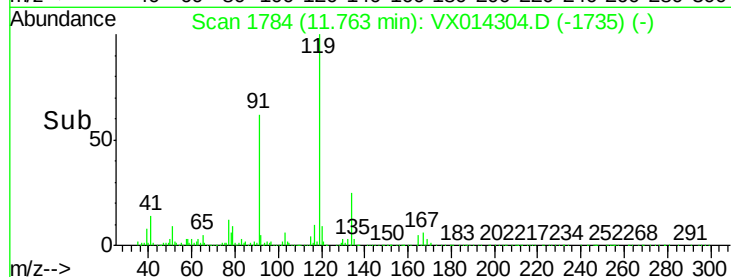
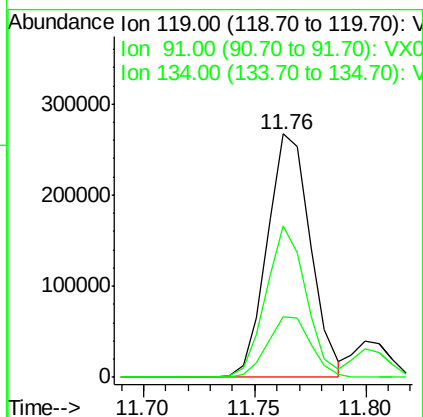
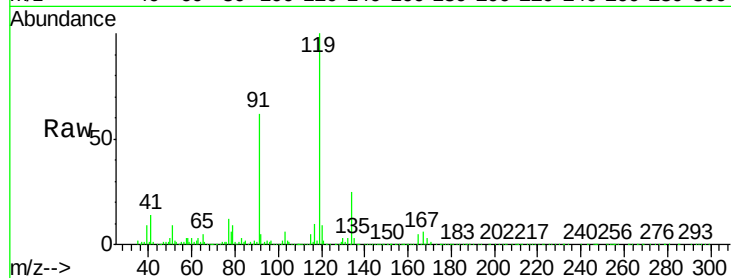




#83
 tert-Butylbenzene
 Concen: 18.640 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

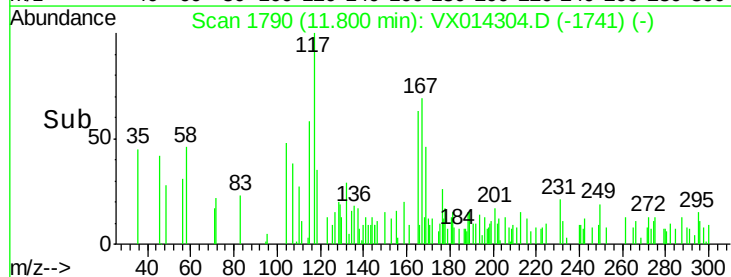
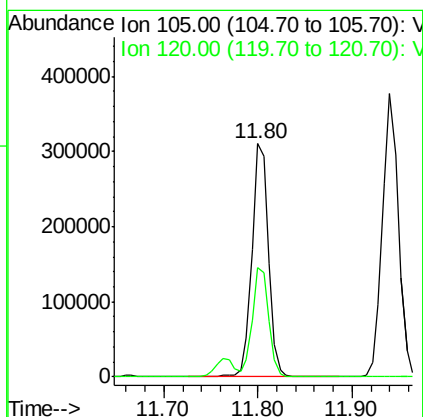
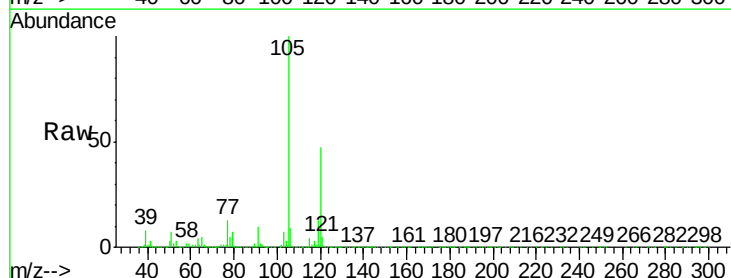
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

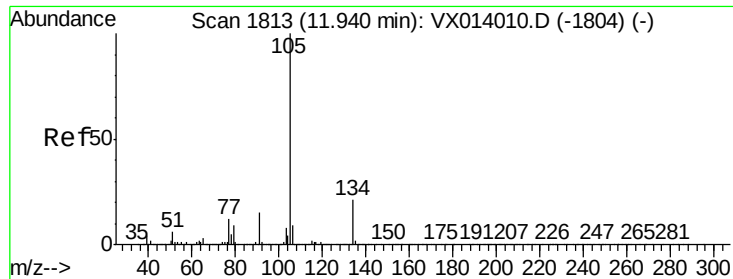
Tgt Ion:119 Resp: 360175
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.5 85.6
 134 24.7 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.346 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion:105 Resp: 384678
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.644 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

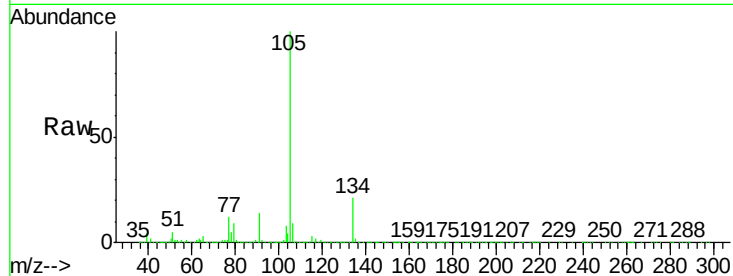
VX1227WBS01

Tgt Ion:105 Resp: 448109

Ion Ratio Lower Upper

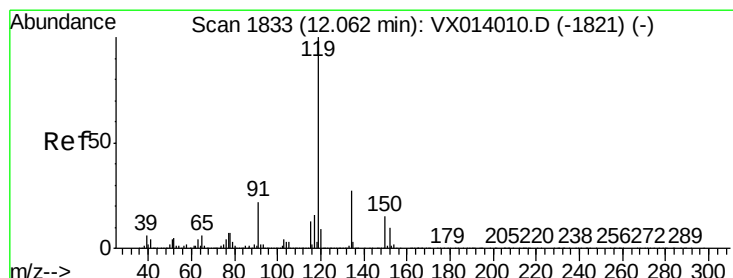
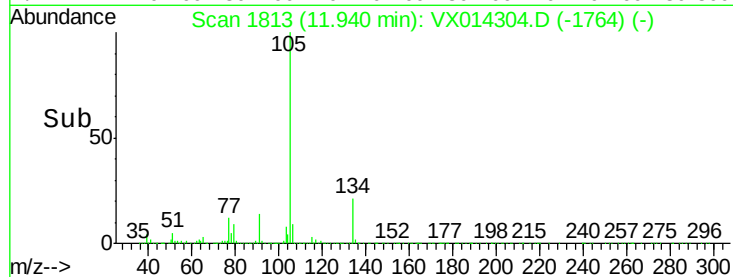
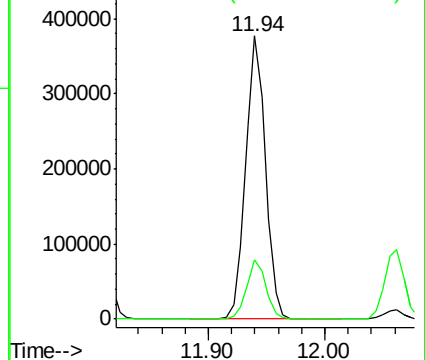
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.607 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

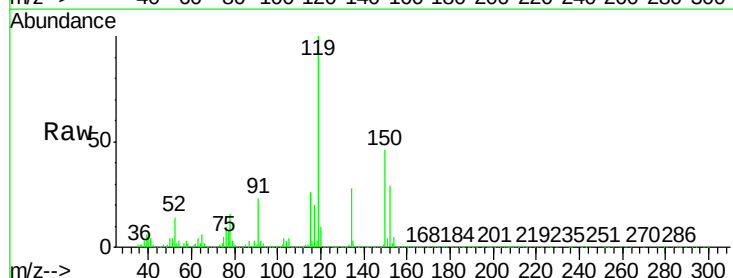
Tgt Ion:119 Resp: 409125

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

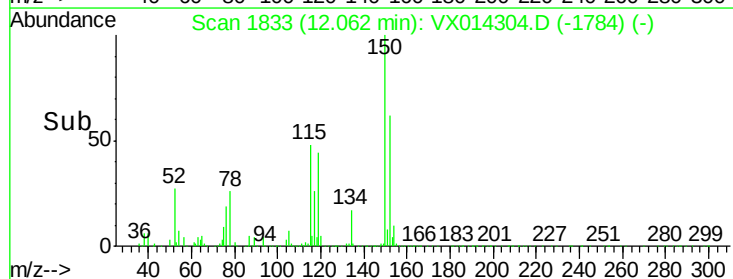
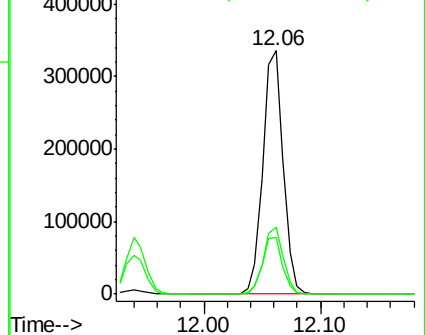
91 23.3 11.4 34.1

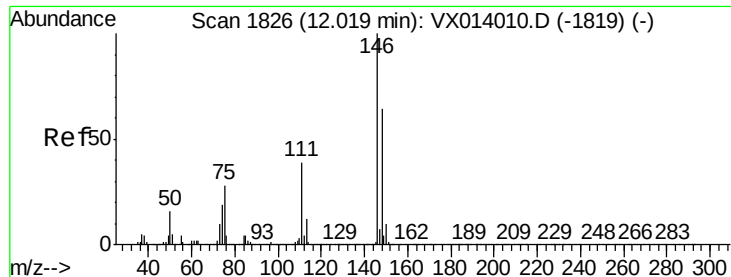


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.549 ug/l

RT: 12.02 min Scan# 1826

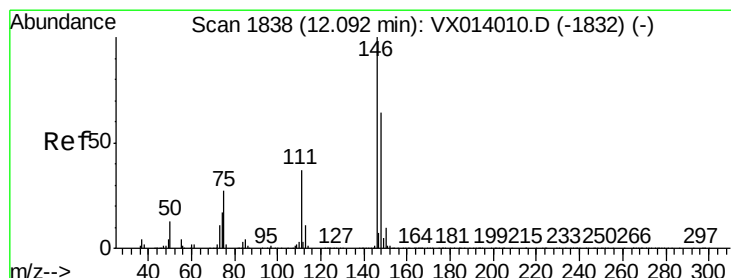
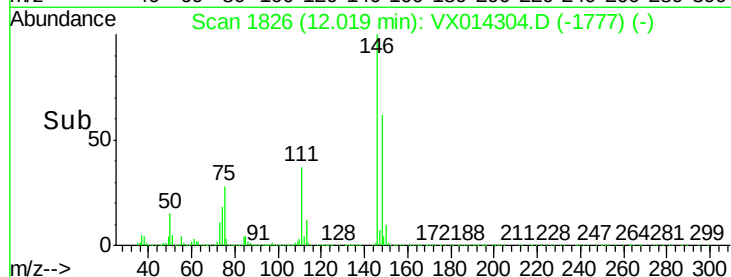
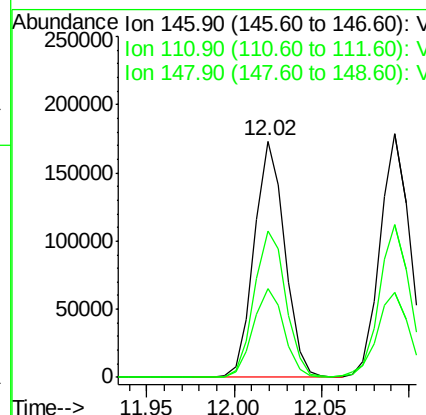
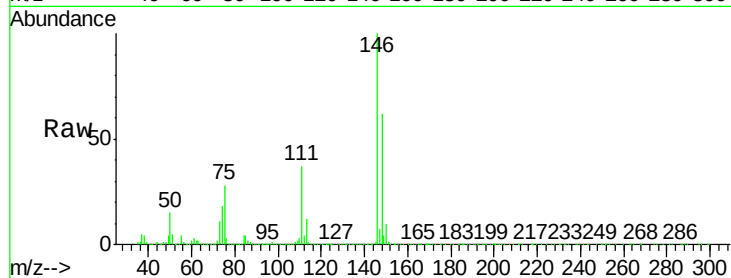
Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

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



#88

1,4-Dichlorobenzene

Concen: 18.336 ug/l

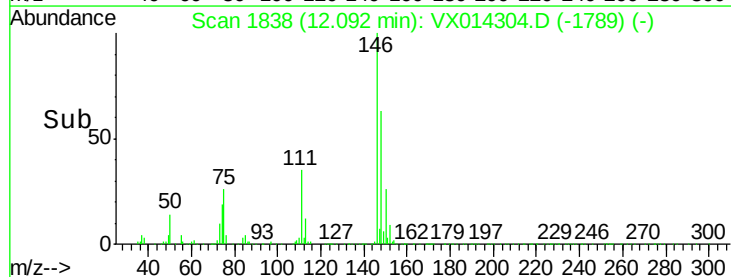
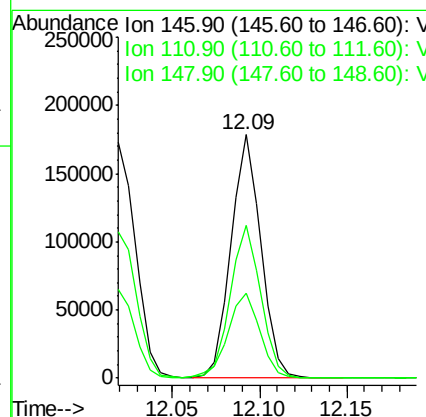
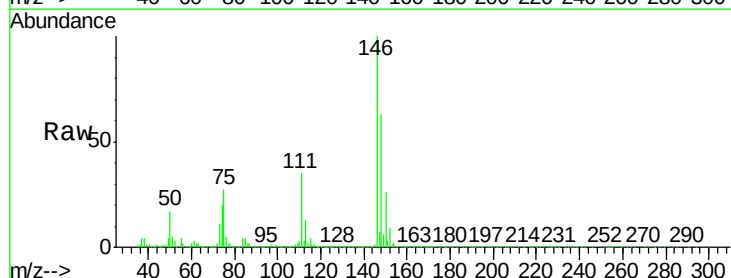
RT: 12.09 min Scan# 1838

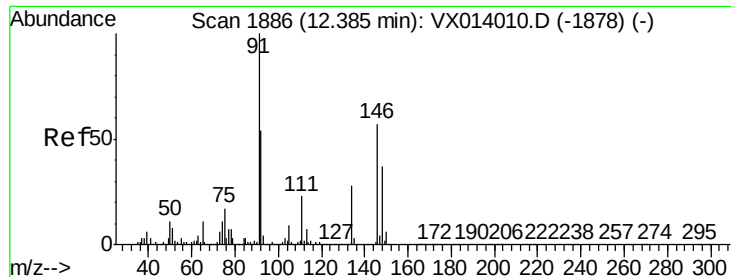
Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	63.8	31.9	95.9

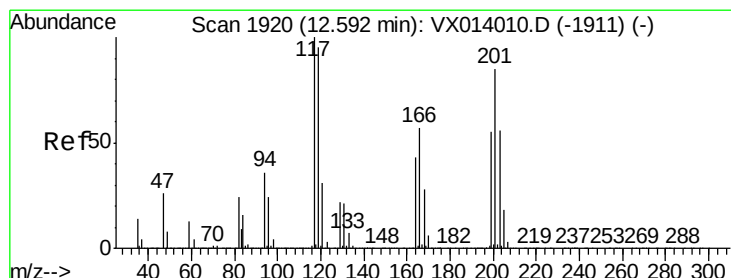
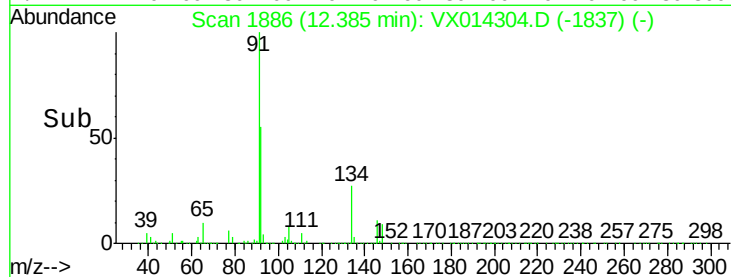
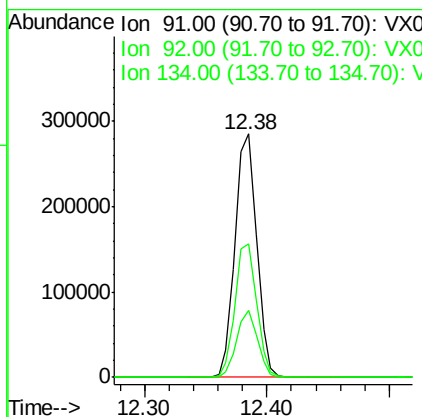
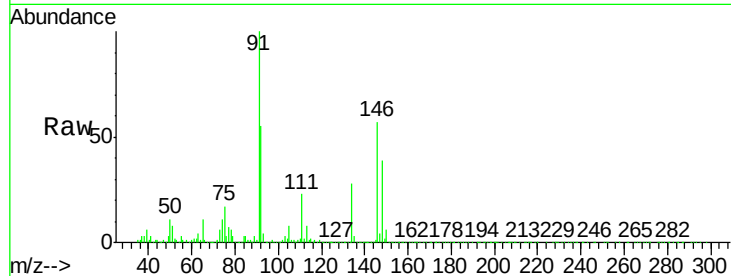




#89
n-Butylbenzene
Concen: 19.547 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

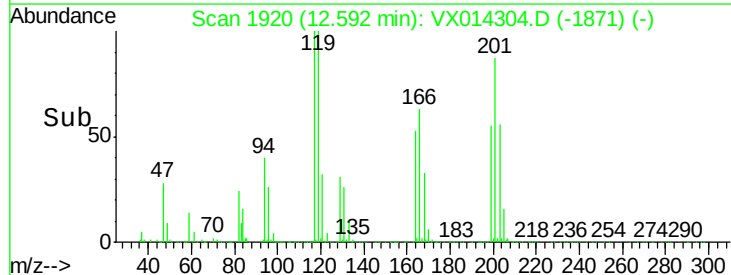
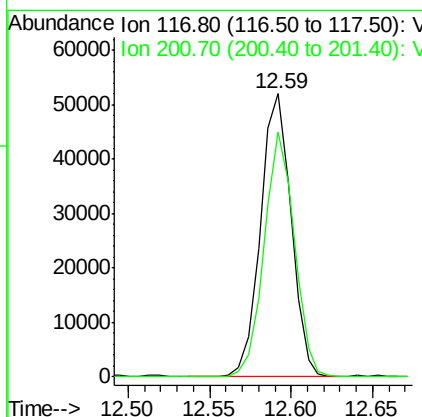
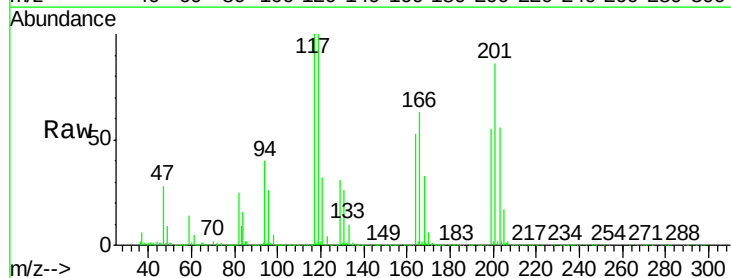
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

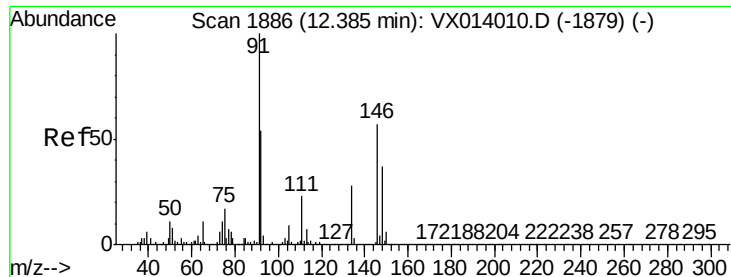
Tgt Ion: 91 Resp: 348032
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.6
134 26.4 13.4 40.1



#90
Hexachloroethane
Concen: 17.971 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 117 Resp: 67356
Ion Ratio Lower Upper
117 100
201 85.2 43.1 129.3

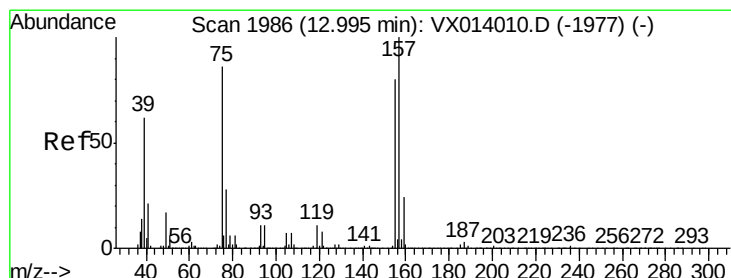
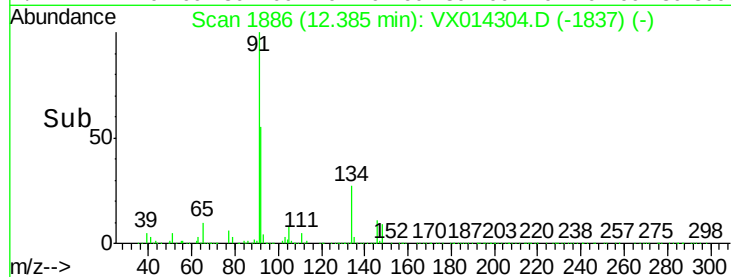
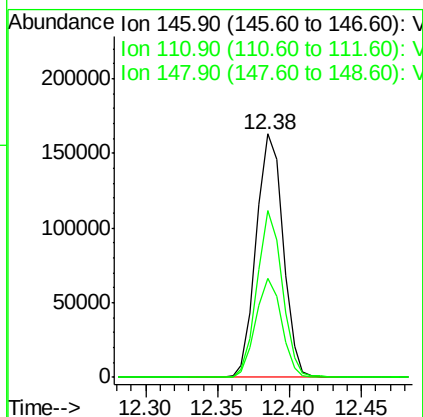
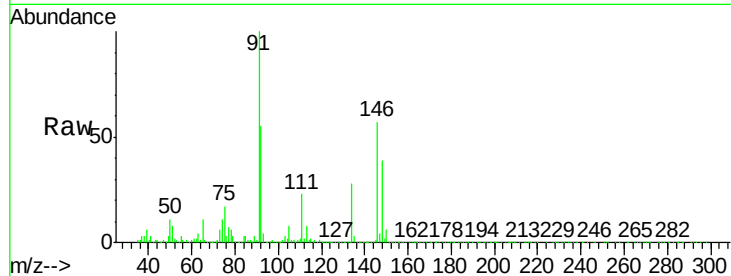




#91
 1,2-Dichlorobenzene
 Concen: 18.216 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

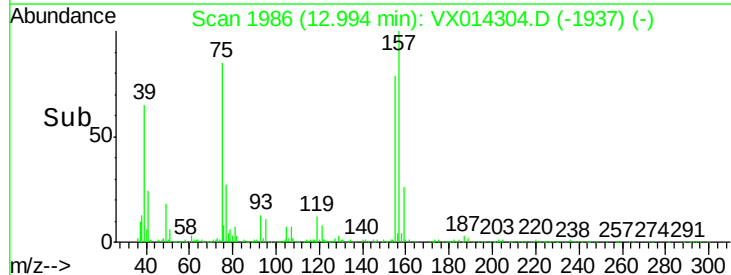
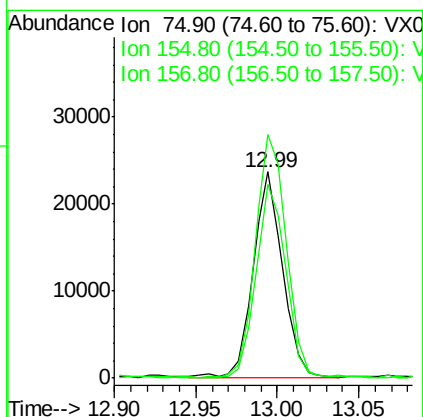
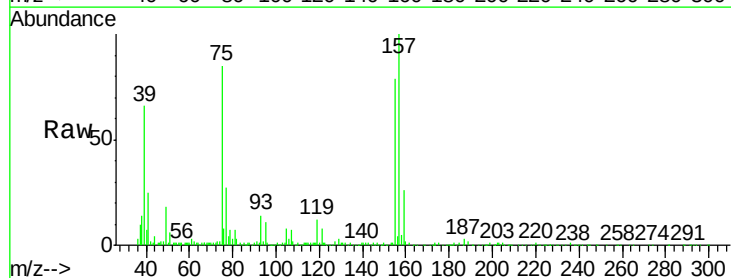
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

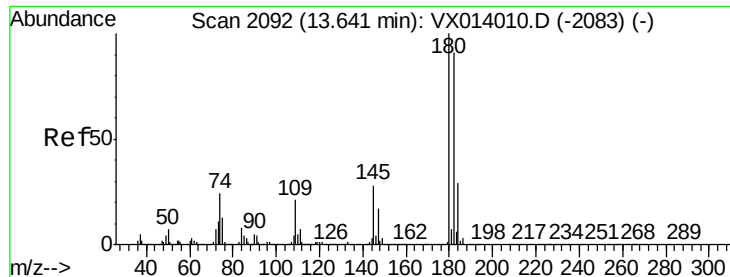
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	64.8	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.188 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	46.9	140.6
157	126.3	60.8	182.4

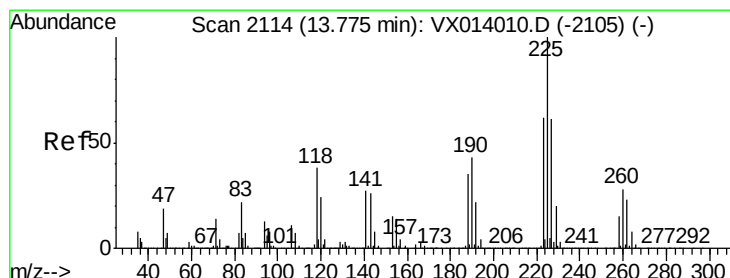
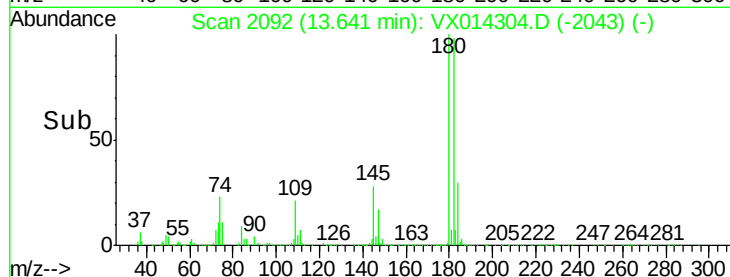
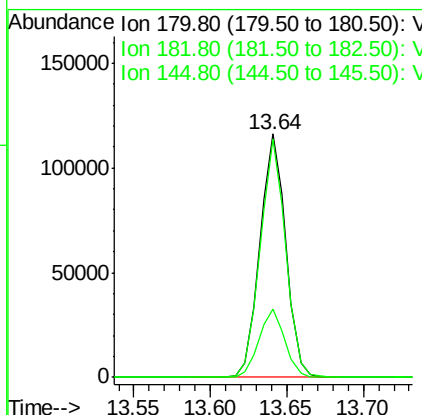
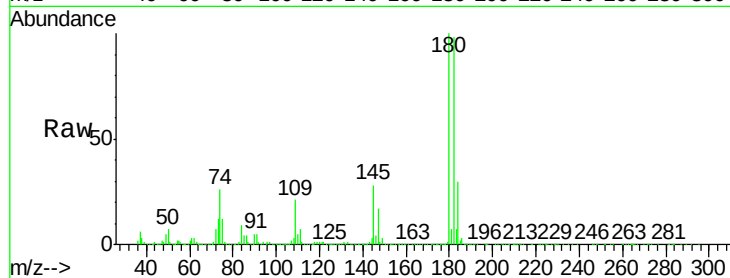




#93
 1,2,4-Trichlorobenzene
 Concen: 18.401 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

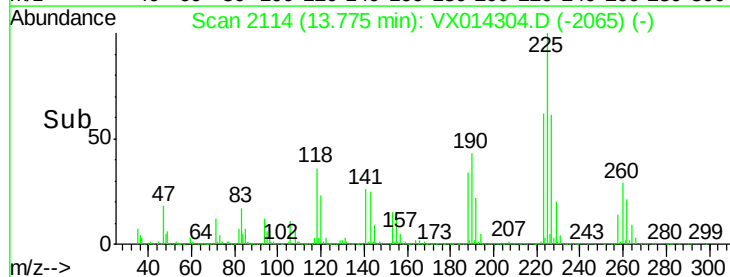
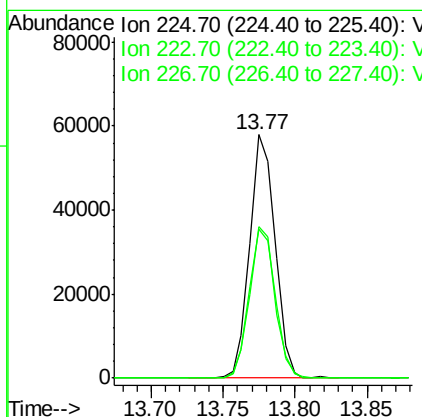
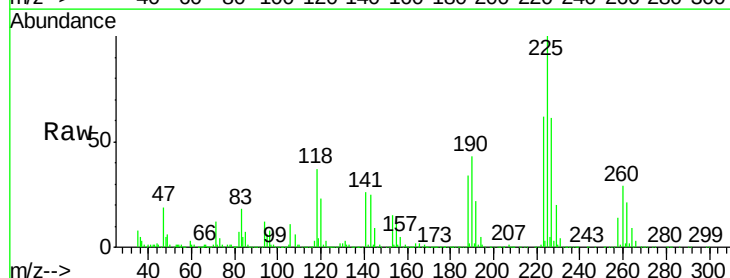
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

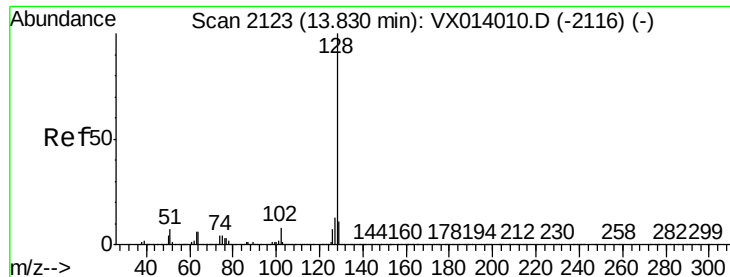
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.6	139.8
145	28.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.666 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.5
227	63.1	30.9	92.7

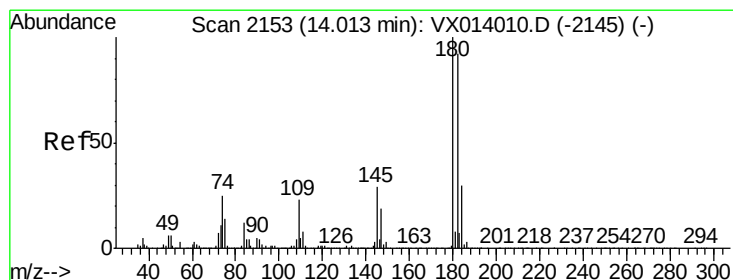
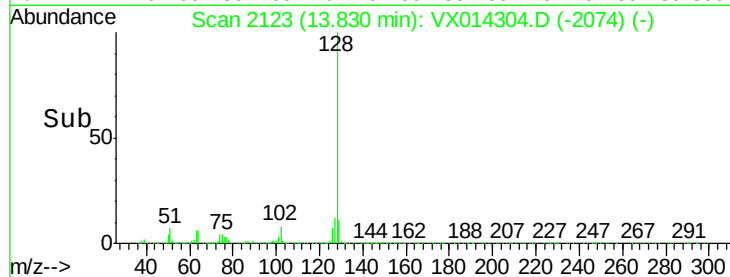
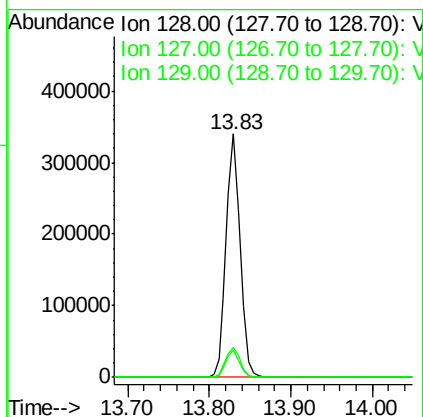
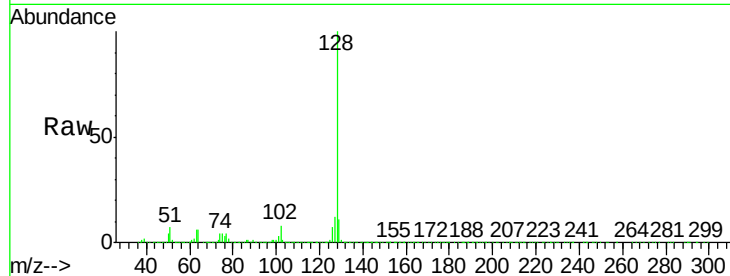




#95
Naphthalene
Concen: 18.516 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tgt Ion:128 Resp: 404936
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.157 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion:180 Resp: 140764
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.3
145 29.6 14.8 44.4

