

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111919\
 Data File : VX013460.D
 Acq On : 19 Nov 2019 12:44
 Operator : JC/SP
 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Quant Time: Nov 19 16:13:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	641466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1006828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	891161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431391	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	344452	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	5.48	113	285417	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
50) Toluene-d8	8.71	98	1062527	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	11.14	95	382080	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	126330	17.092	ug/l	97
3) Chloromethane	1.32	50	151028	18.843	ug/l	100
4) Vinyl Chloride	1.40	62	173529	19.017	ug/l	100
5) Bromomethane	1.63	94	105848	16.646	ug/l	96
6) Chloroethane	1.72	64	97430	17.914	ug/l	93
7) Trichlorofluoromethane	1.92	101	191036	17.721	ug/l	99
8) Diethyl Ether	2.18	74	90898	19.067	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118980	19.802	ug/l	98
10) Methyl Iodide	2.50	142	121948	16.393	ug/l	99
11) Tert butyl alcohol	3.03	59	187207	93.463	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116925	19.871	ug/l	96
13) Acrolein	2.28	56	86729	79.893	ug/l	97
14) Allyl chloride	2.72	41	216719	20.271	ug/l	95
15) Acrylonitrile	3.13	53	393607	105.200	ug/l	99
16) Acetone	2.43	43	342351	90.318	ug/l	100
17) Carbon Disulfide	2.56	76	277561	17.624	ug/l	99
18) Methyl Acetate	2.76	43	230481	22.024	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	417492	21.273	ug/l	97
20) Methylene Chloride	2.85	84	137014	19.564	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	127329	19.875	ug/l	96
22) Diisopropyl ether	3.84	45	442888	21.457	ug/l	95
23) Vinyl Acetate	3.80	43	1839209	104.134	ug/l	100
24) 1,1-Dichloroethane	3.69	63	237560	20.574	ug/l	99
25) 2-Butanone	4.65	43	558616	100.457	ug/l	99
26) 2,2-Dichloropropane	4.57	77	184273	20.061	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	153701	21.416	ug/l	98
28) Bromochloromethane	5.01	49	78738	24.017	ug/l	99
29) Tetrahydrofuran	5.12	42	354599	103.479	ug/l	100
30) Chloroform	5.20	83	243011	21.314	ug/l	99
31) Cyclohexane	5.57	56	197128	18.973	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	195960	19.972	ug/l	98
36) 1,1-Dichloropropene	5.79	75	168669	19.528	ug/l	98
37) Ethyl Acetate	4.82	43	206526	19.351	ug/l	100
38) Carbon Tetrachloride	5.78	117	165999	19.654	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111919\
 Data File : VX013460.D
 Acq On : 19 Nov 2019 12:44
 Operator : JC/SP
 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Quant Time: Nov 19 16:13:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197219	18.325	ug/l	96
40) Benzene	6.14	78	531919	19.770	ug/l	100
41) Methacrylonitrile	5.03	41	116303	19.442	ug/l	98
42) 1,2-Dichloroethane	6.18	62	191366	19.719	ug/l	98
43) Isopropyl Acetate	6.43	43	333350	20.058	ug/l	99
44) Trichloroethene	7.21	130	142052	19.181	ug/l	98
45) 1,2-Dichloropropane	7.51	63	140182	20.449	ug/l	96
46) Dibromomethane	7.65	93	91612	19.573	ug/l	98
47) Bromodichloromethane	7.89	83	181507	20.564	ug/l	95
48) Methyl methacrylate	7.76	41	166609	20.083	ug/l	98
49) 1,4-Dioxane	7.73	88	73912	389.032	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1094648	100.391	ug/l	99
52) Toluene	8.78	92	334261	20.045	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	191270	19.818	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	218801	20.267	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	141742	20.507	ug/l	99
56) Ethyl methacrylate	9.17	69	218754	19.522	ug/l	98
57) 1,3-Dichloropropane	9.37	76	238807	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	437488	92.571	ug/l	100
59) 2-Hexanone	9.48	43	840027	99.692	ug/l	100
60) Dibromochloromethane	9.57	129	139823	19.780	ug/l	100
61) 1,2-Dibromoethane	9.67	107	144956	19.750	ug/l	99
64) Tetrachloroethene	9.33	164	124471	19.511	ug/l	98
65) Chlorobenzene	10.14	112	359031	19.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	133816	20.200	ug/l	99
67) Ethyl Benzene	10.25	91	632171	20.302	ug/l	100
68) m/p-Xylenes	10.35	106	473698	40.225	ug/l	100
69) o-Xylene	10.70	106	233186	20.225	ug/l	98
70) Styrene	10.71	104	391994	20.339	ug/l	99
71) Bromoform	10.85	173	110449	20.033	ug/l	100
73) Isopropylbenzene	11.01	105	623602	21.803	ug/l	100
74) N-amyl acetate	10.89	43	289818	21.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	225997	21.659	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	248717	28.385	ug/l	79
77) Bromobenzene	11.25	156	163213	21.405	ug/l	99
78) n-propylbenzene	11.35	91	686396	21.544	ug/l	100
79) 2-Chlorotoluene	11.42	91	414763	21.607	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	513913	21.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68110	20.008	ug/l	98
82) 4-Chlorotoluene	11.51	91	463752	20.638	ug/l	100
83) tert-Butylbenzene	11.76	119	522711	21.796	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	511472	21.402	ug/l	99
85) sec-Butylbenzene	11.94	105	590406	21.421	ug/l	100
86) p-Isopropyltoluene	12.06	119	532743	20.990	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	272624	20.058	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	277527	20.041	ug/l	99
89) n-Butylbenzene	12.38	91	435200	19.651	ug/l	99
90) Hexachloroethane	12.59	117	96426	21.324	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	279253	20.554	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49031	19.287	ug/l	97

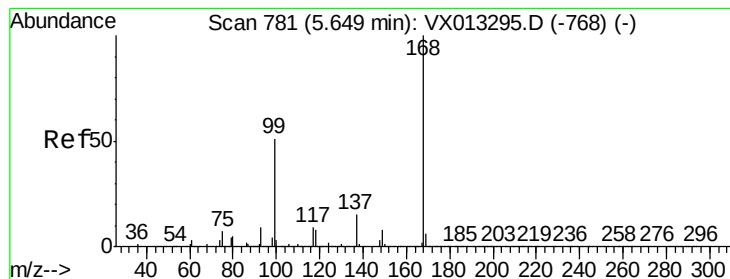
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111919\
Data File : VX013460.D
Acq On : 19 Nov 2019 12:44
Operator : JC/SP
Sample : VX1119WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Quant Time: Nov 19 16:13:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	182548	19.263	ug/l	98
94) Hexachlorobutadiene	13.77	225	86564	18.670	ug/l	99
95) Naphthalene	13.83	128	572102	19.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	188907	19.876	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

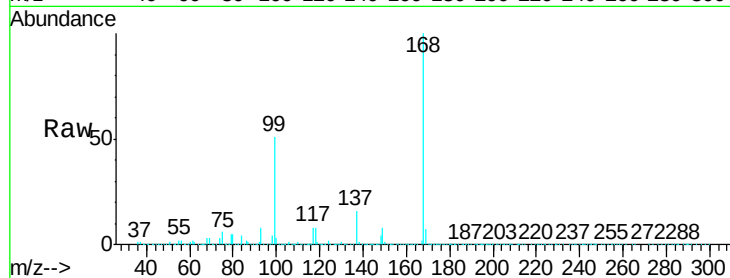
VX1119WBS01

Tgt Ion: 168 Resp: 641466

Ion Ratio Lower Upper

168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

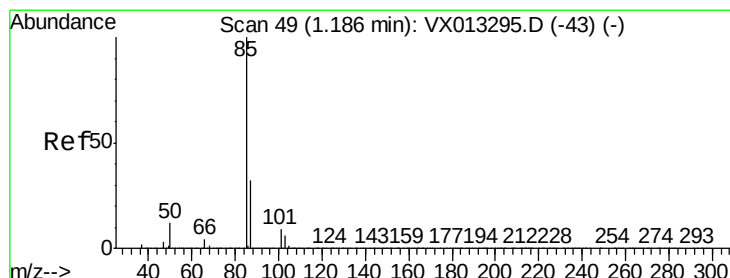
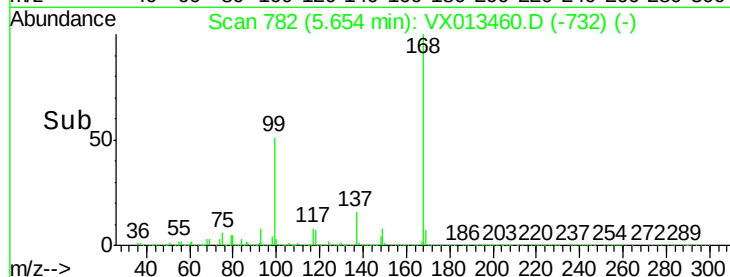
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.092 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013460.D

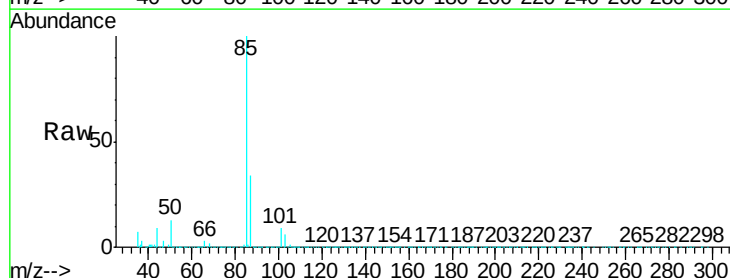
Acq: 19 Nov 2019 12:44

Tgt Ion: 85 Resp: 126330

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

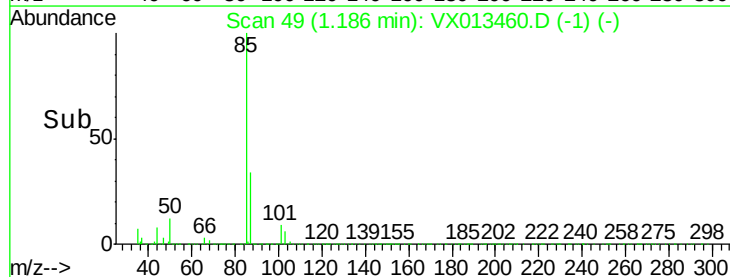
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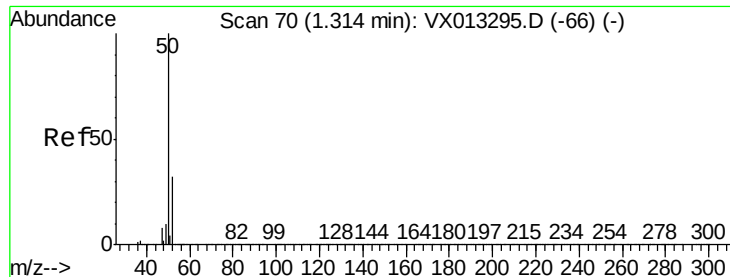
50000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.843 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

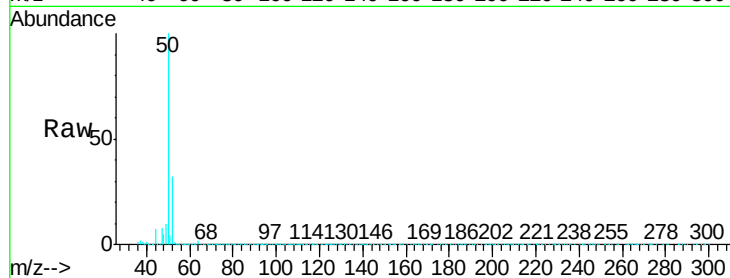
VX1119WBS01

Tgt Ion: 50 Resp: 151028

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

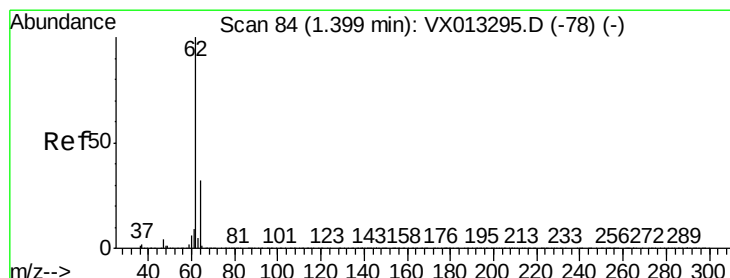
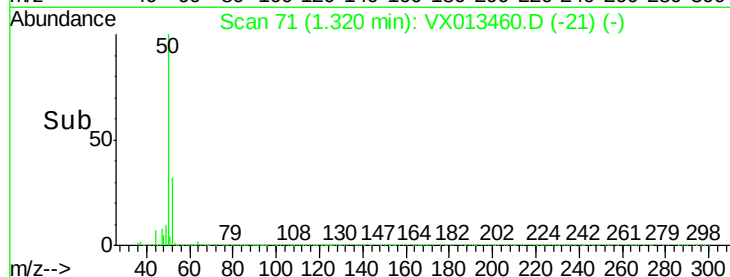
150000

100000

50000

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Time-->



#4

Vinyl Chloride

Concen: 19.017 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013460.D

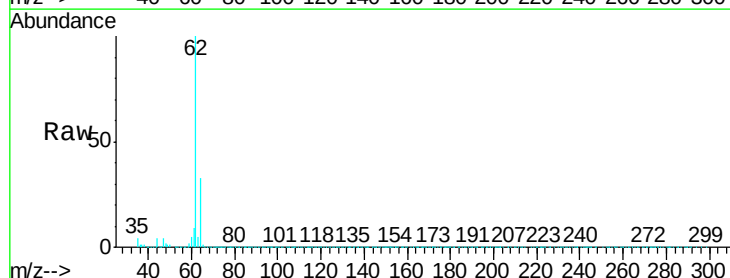
Acq: 19 Nov 2019 12:44

Tgt Ion: 62 Resp: 173529

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

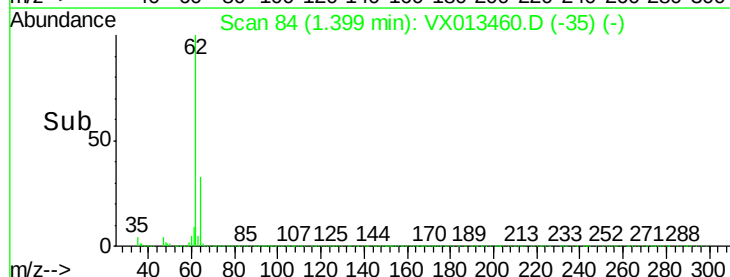
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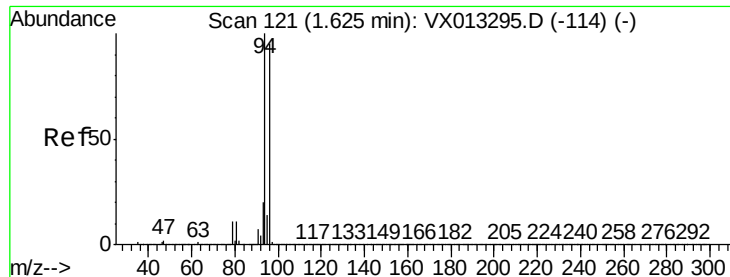
100000

50000

0

Time-->





#5

Bromomethane

Concen: 16.646 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

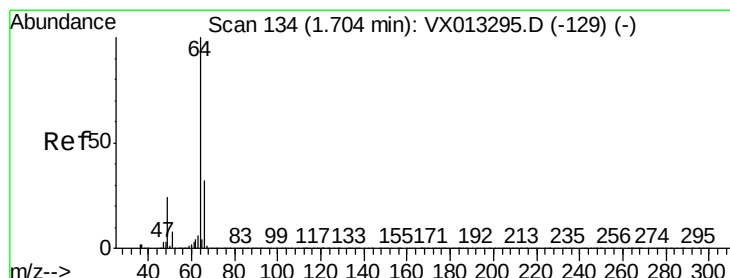
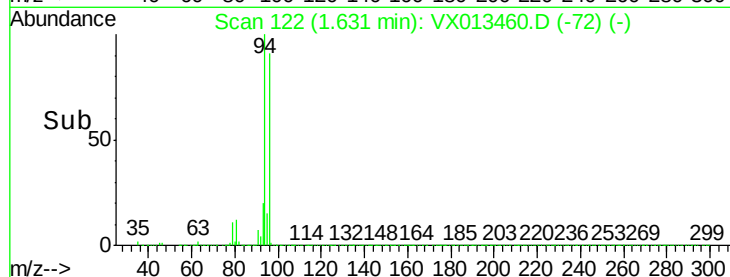
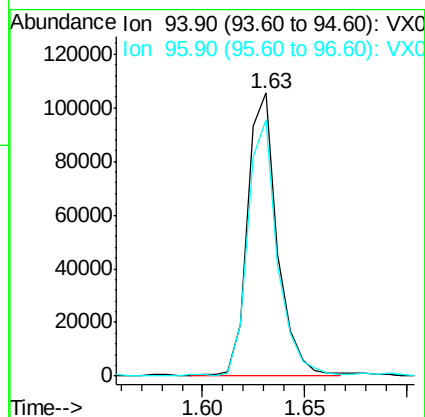
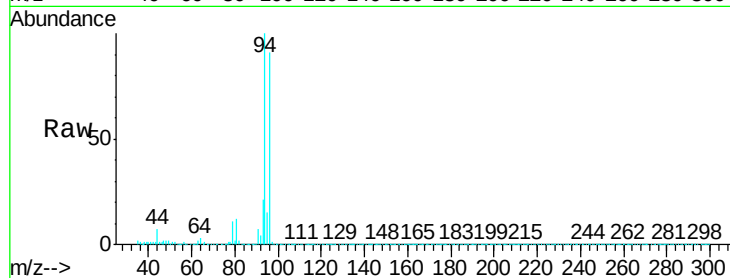
VX1119WBS01

Tgt Ion: 94 Resp: 105848

Ion Ratio Lower Upper

94 100

96 90.7 75.8 113.8



#6

Chloroethane

Concen: 17.914 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013460.D

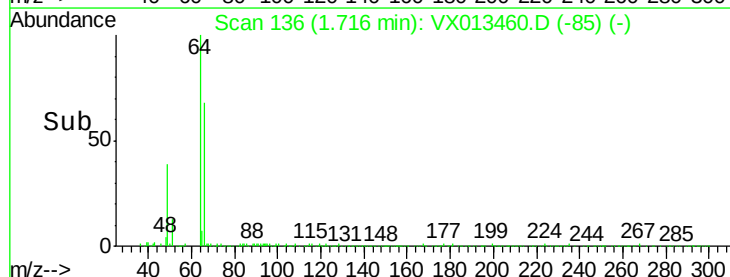
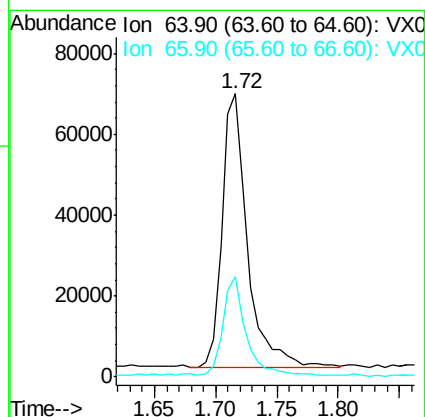
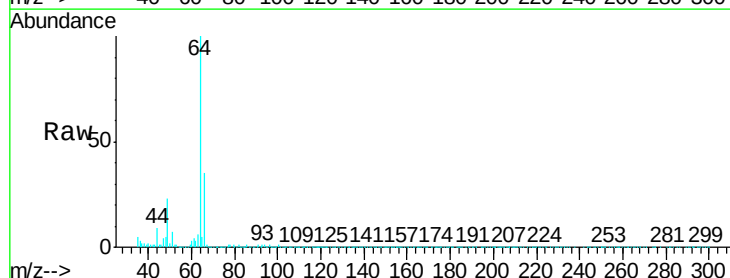
Acq: 19 Nov 2019 12:44

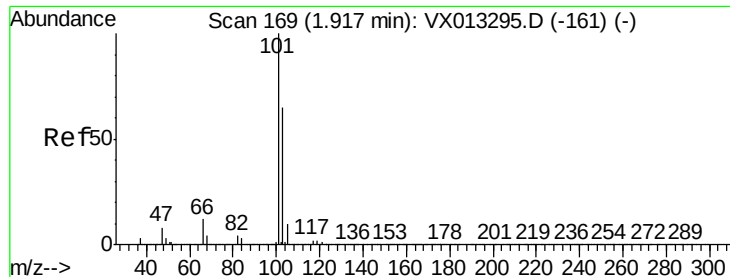
Tgt Ion: 64 Resp: 97430

Ion Ratio Lower Upper

64 100

66 36.0 25.6 38.4



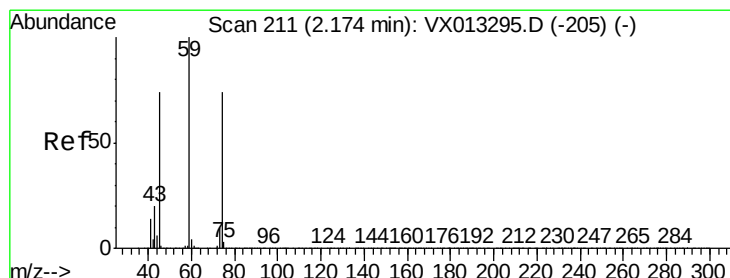
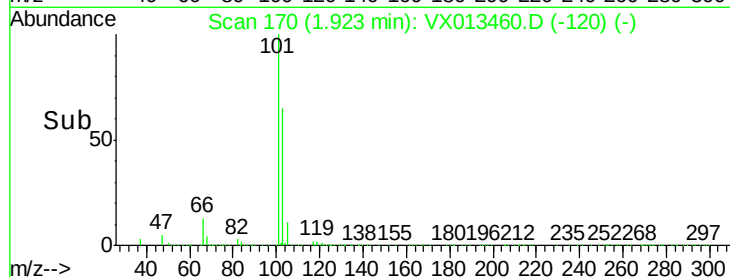
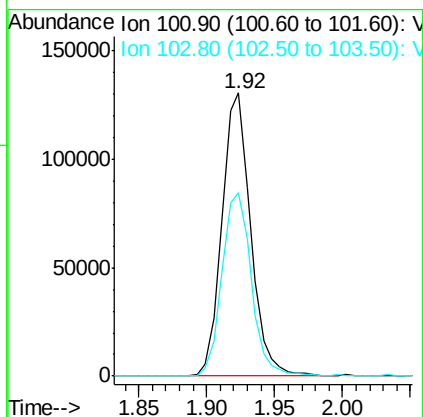
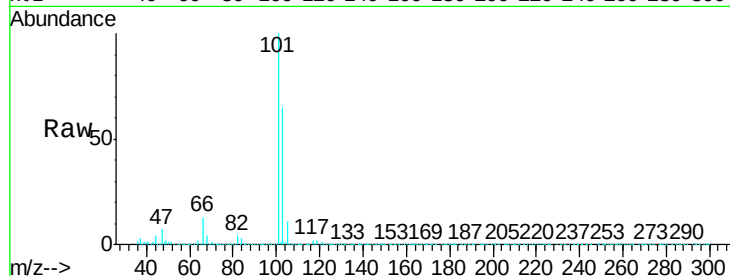


#7

Trichlorofluoromethane
Concen: 17.721 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampled :
VX1119WBS01

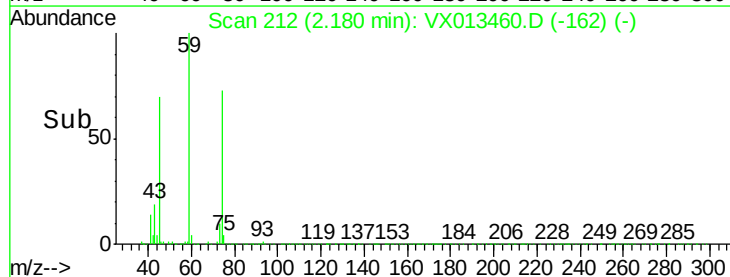
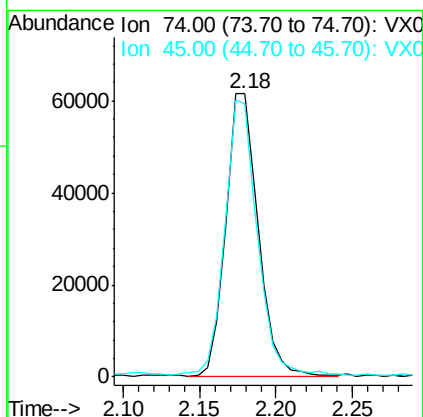
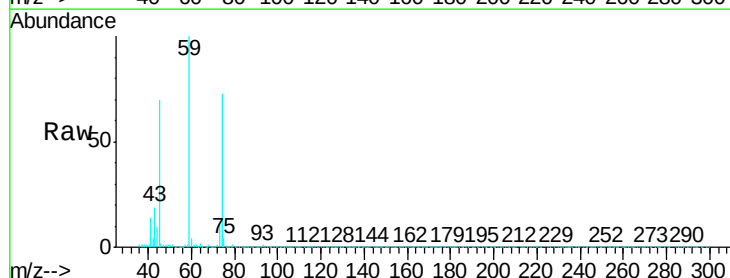
Tgt Ion: 101 Resp: 191036
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

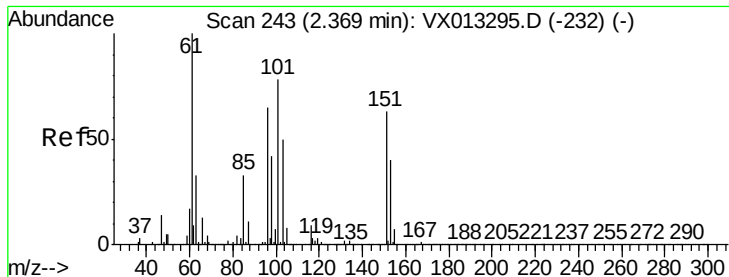


#8

Diethyl Ether
Concen: 19.067 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 74 Resp: 90898
Ion Ratio Lower Upper
74 100
45 96.2 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.802 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

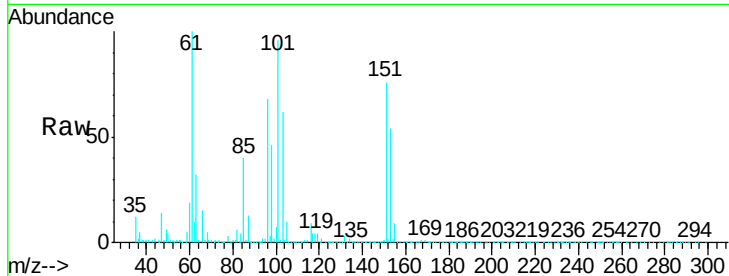
Tgt Ion:101 Resp: 118980

Ion Ratio Lower Upper

101 100

85 41.2 34.4 51.6

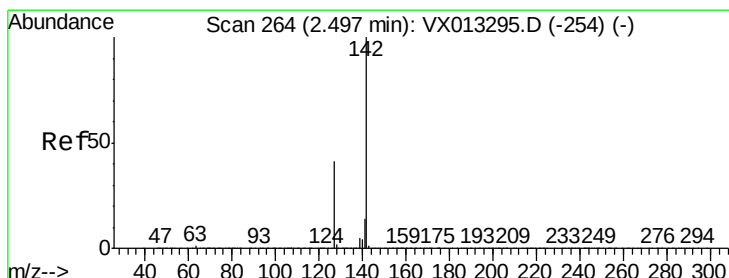
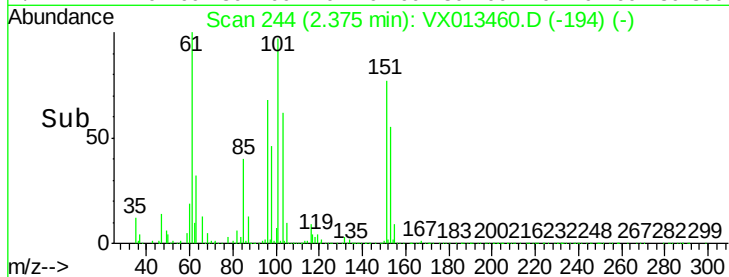
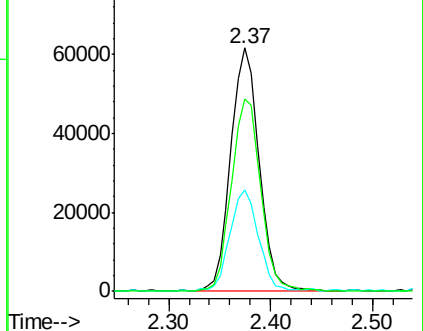
151 81.6 66.4 99.6



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: 16.393 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

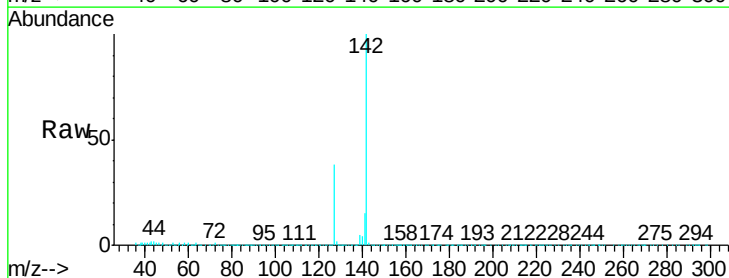
Tgt Ion:142 Resp: 121948

Ion Ratio Lower Upper

142 100

127 40.3 32.6 49.0

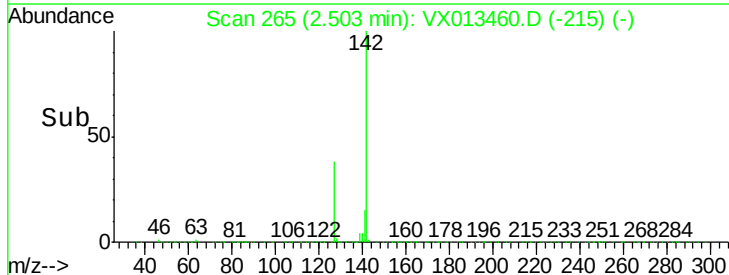
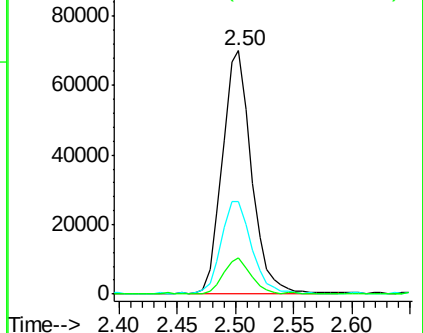
141 14.4 11.6 17.4

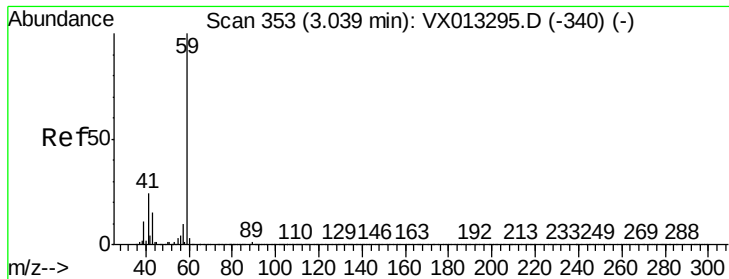


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

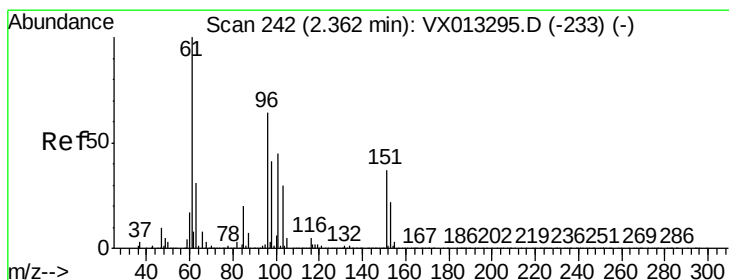
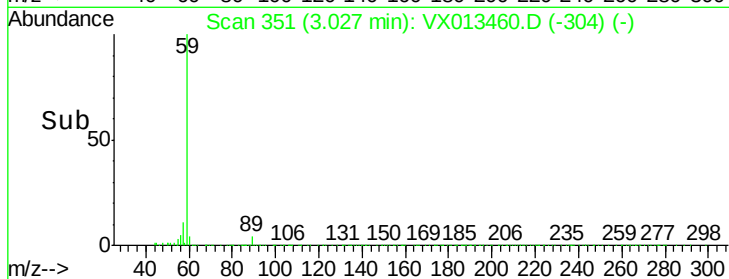
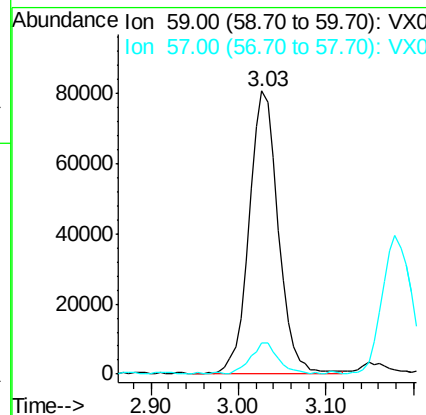
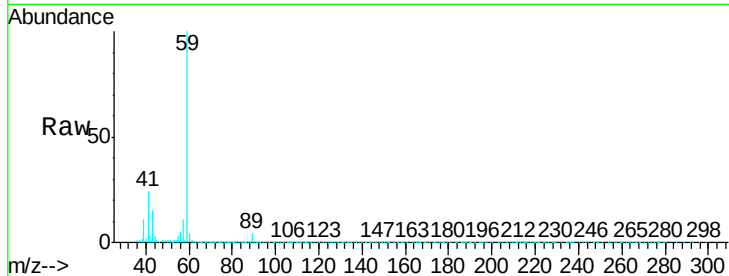




#11
Tert butyl alcohol
Concen: 93.463 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

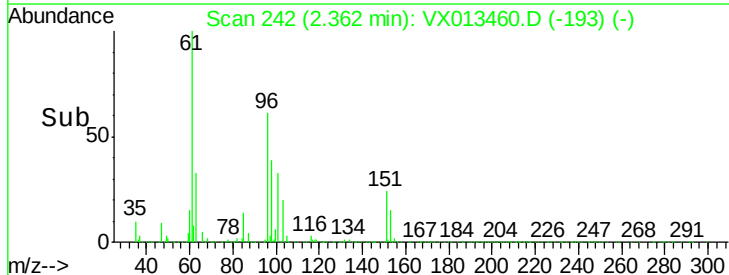
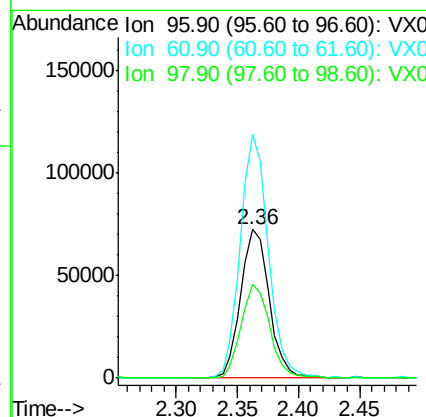
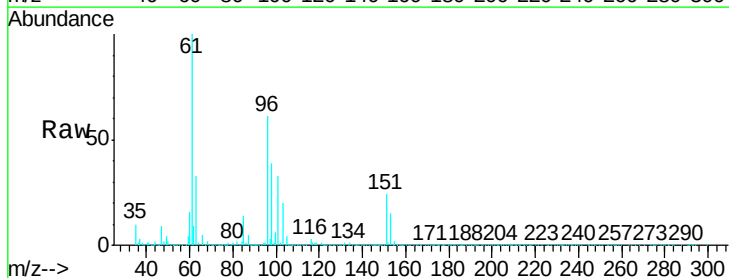
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

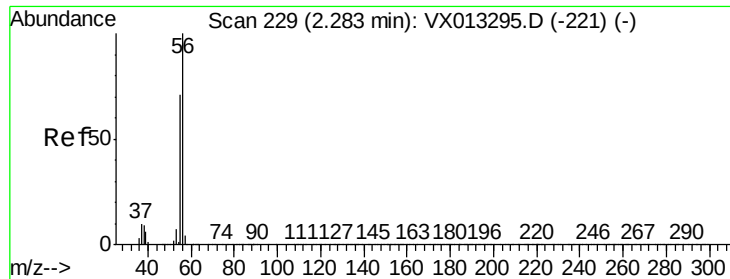
Tgt Ion: 59 Resp: 187207
Ion Ratio Lower Upper
59 100
57 9.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.871 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 96 Resp: 116925
Ion Ratio Lower Upper
96 100
61 163.8 125.0 187.6
98 63.3 50.7 76.1

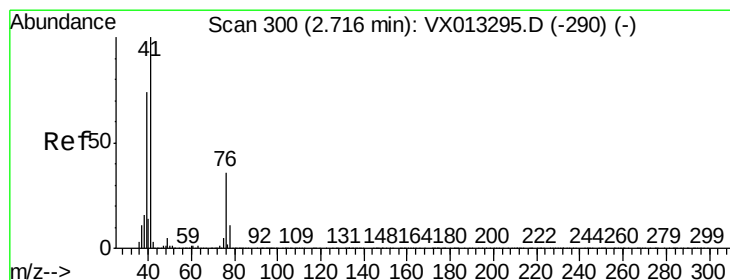
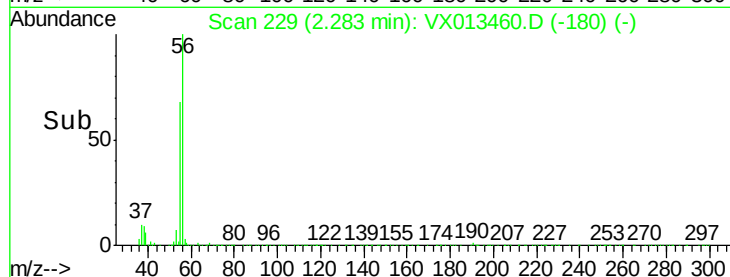
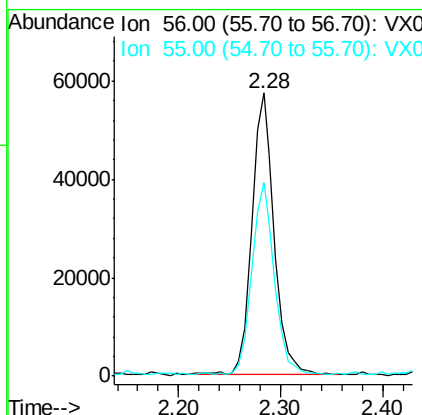
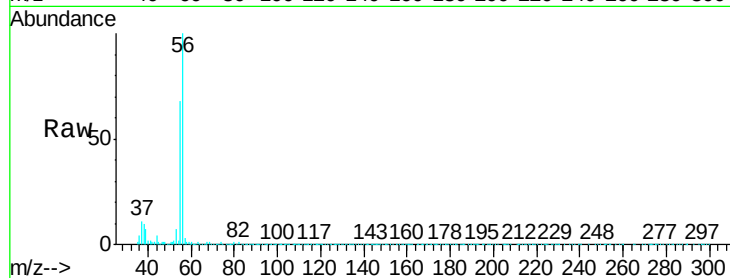




#13
Acrolein
Concen: 79.893 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

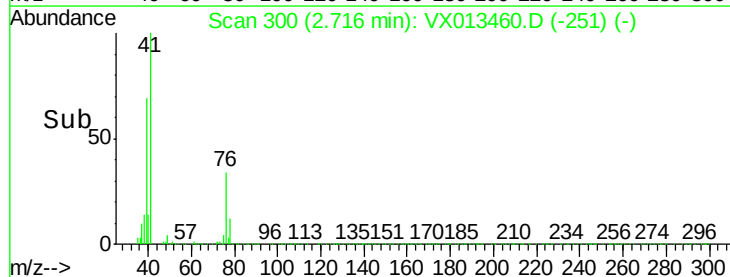
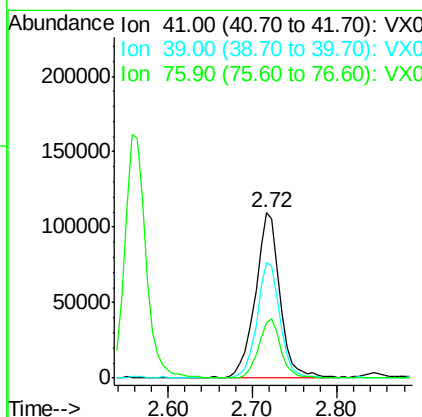
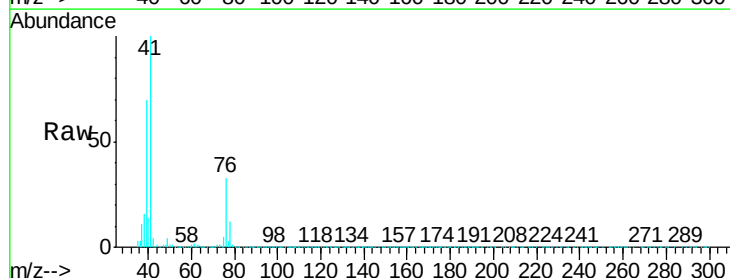
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

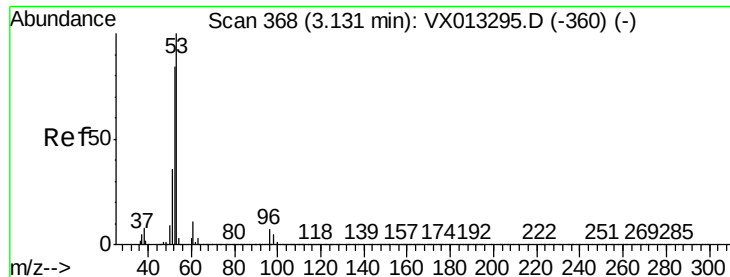
Tgt Ion: 56 Resp: 86729
Ion Ratio Lower Upper
56 100
55 69.3 57.4 86.0



#14
Allyl chloride
Concen: 20.271 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 41 Resp: 216719
Ion Ratio Lower Upper
41 100
39 64.8 55.8 83.8
76 31.5 26.4 39.6





#15

Acrylonitrile

Concen: 105.200 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

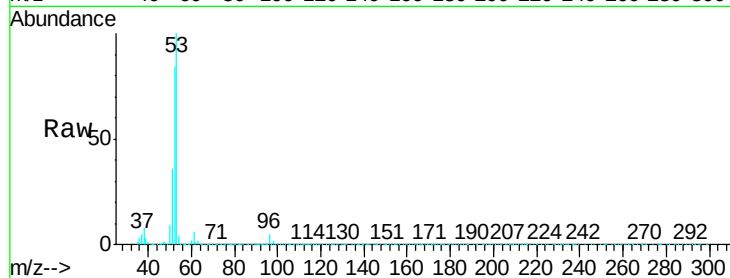
Tgt Ion: 53 Resp: 393607

Ion Ratio Lower Upper

53 100

52 83.1 67.4 101.0

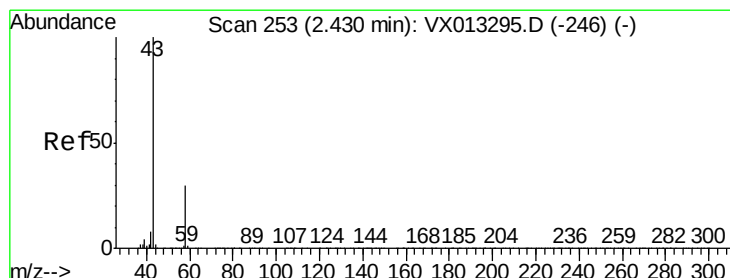
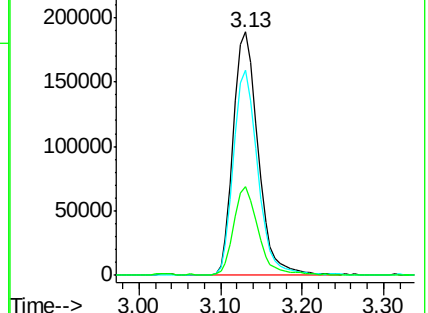
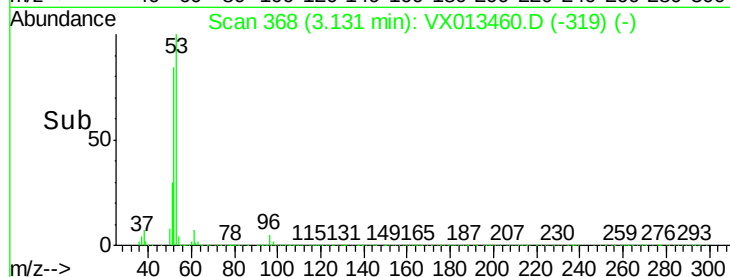
51 36.0 29.4 44.2



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: 90.318 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013460.D

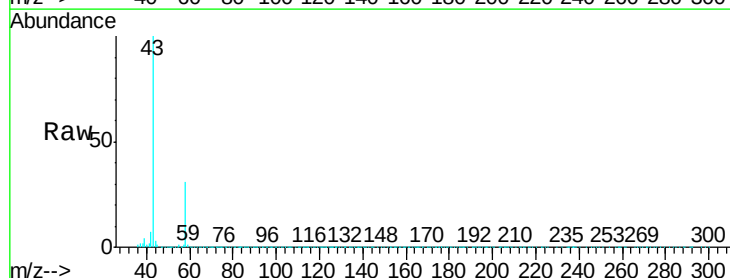
Acq: 19 Nov 2019 12:44

Tgt Ion: 43 Resp: 342351

Ion Ratio Lower Upper

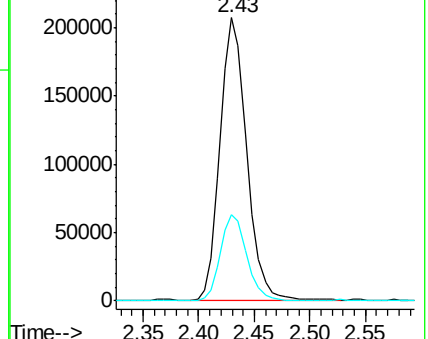
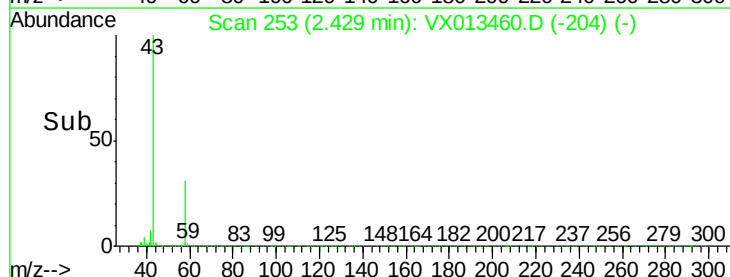
43 100

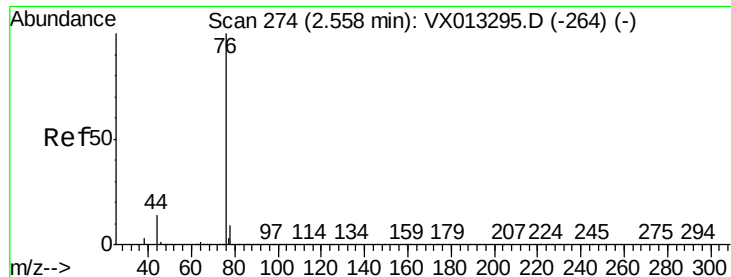
58 30.6 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.624 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

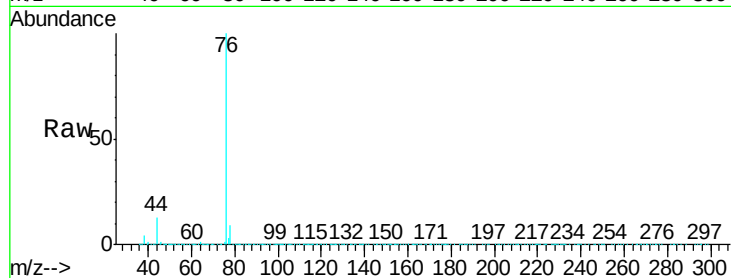
VX1119WBS01

Tgt Ion: 76 Resp: 277561

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

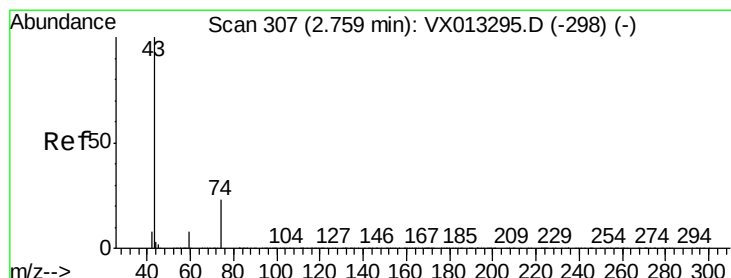
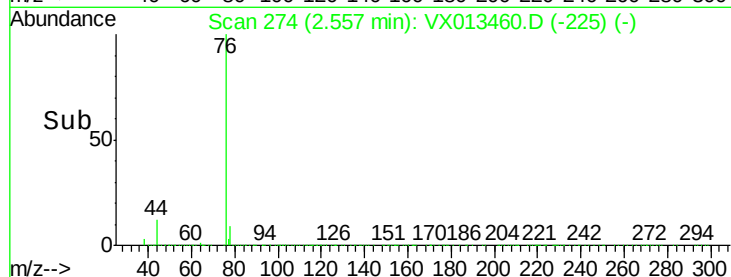
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 22.024 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013460.D

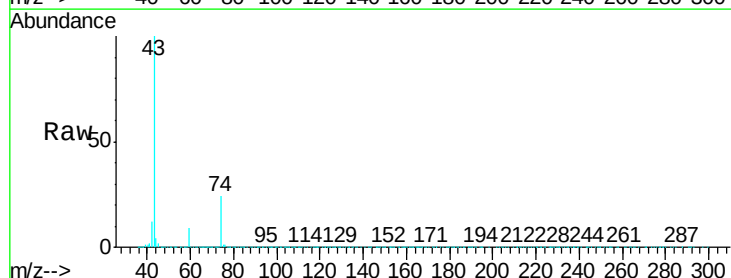
Acq: 19 Nov 2019 12:44

Tgt Ion: 43 Resp: 230481

Ion Ratio Lower Upper

43 100

74 22.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

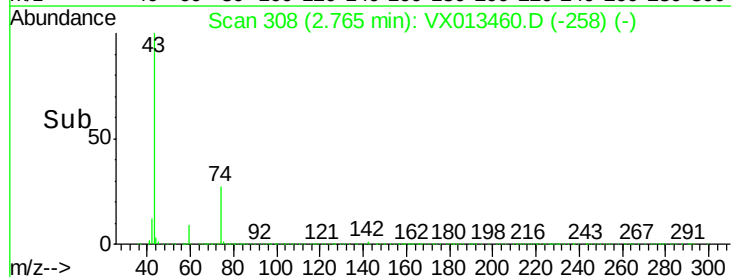
100000

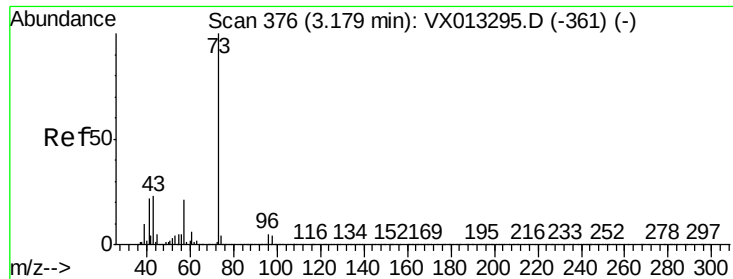
50000

0

Time-->

2.70 2.80 2.90

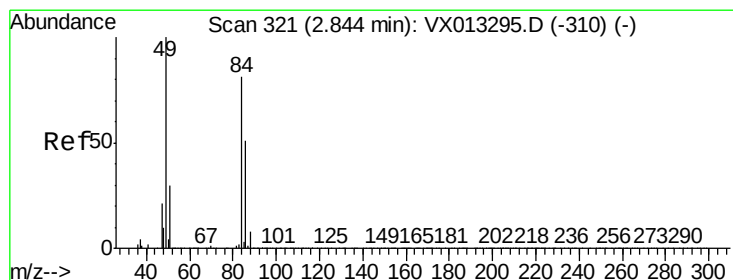
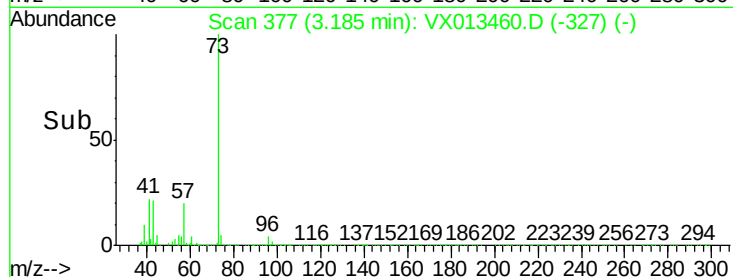
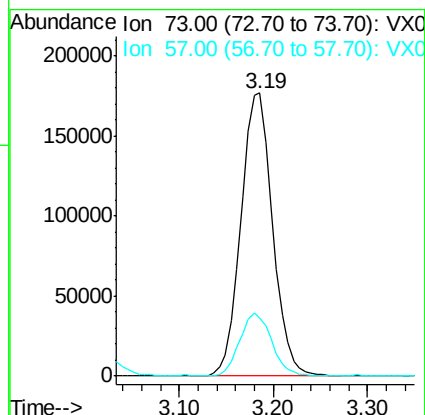
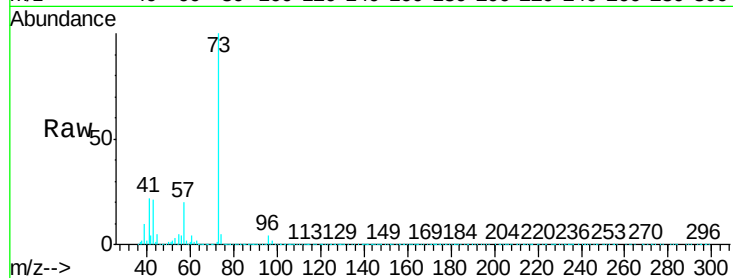




#19
Methyl tert-butyl Ether
Concen: 21.273 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

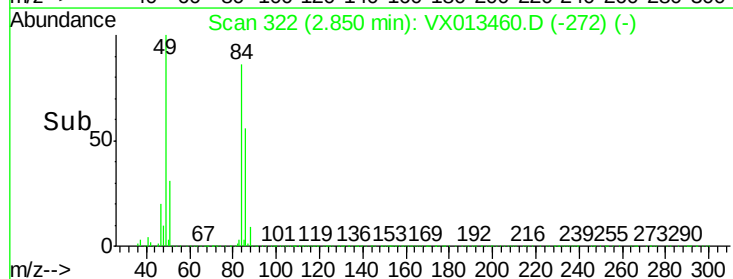
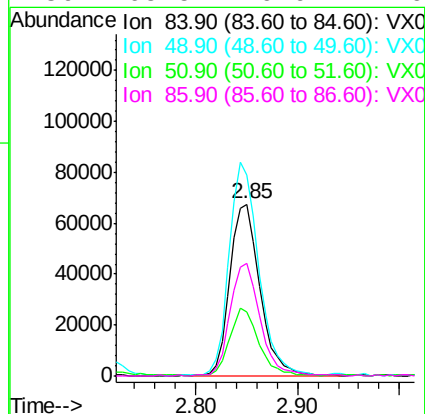
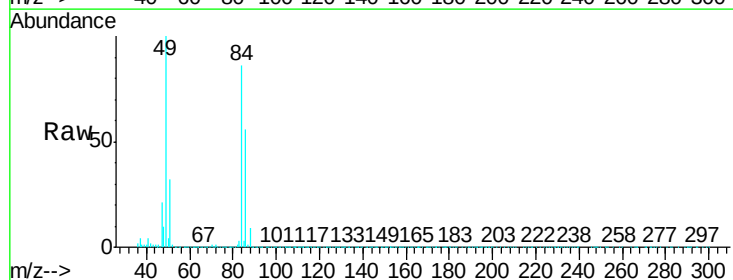
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

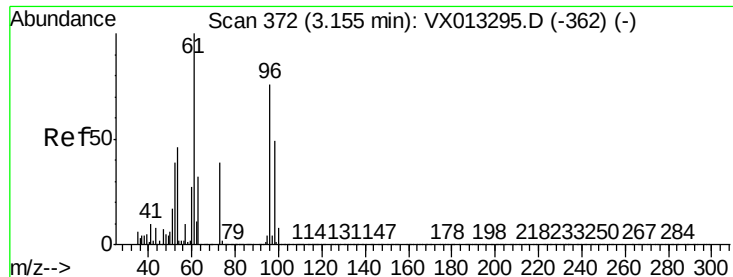
Tgt Ion: 73 Resp: 417492
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7



#20
Methylene Chloride
Concen: 19.564 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 84 Resp: 137014
Ion Ratio Lower Upper
84 100
49 115.7 98.2 147.4
51 36.7 29.9 44.9
86 65.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.875 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

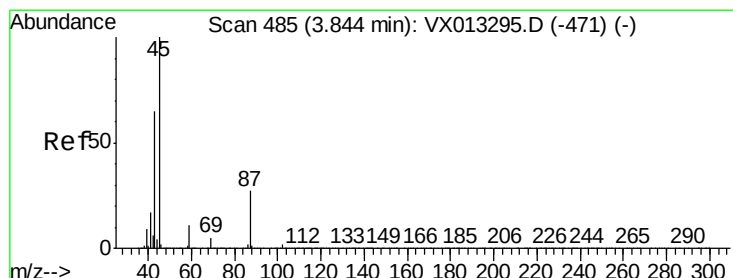
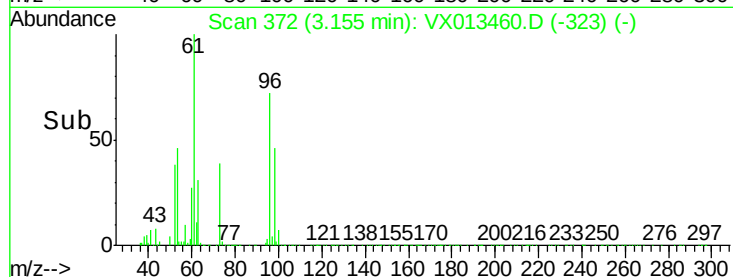
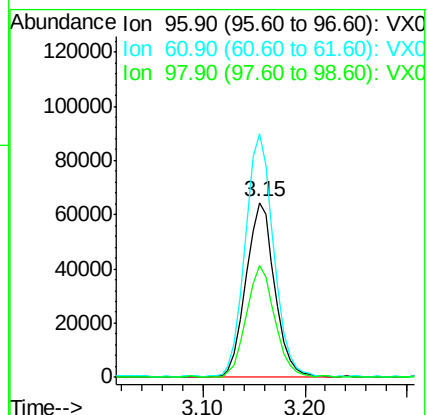
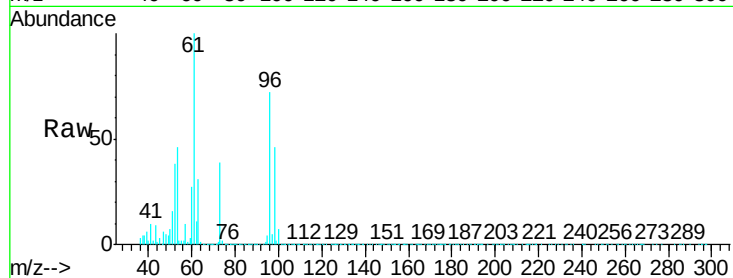
Tgt Ion: 96 Resp: 127329

Ion Ratio Lower Upper

96 100

61 139.1 105.8 158.6

98 63.5 51.8 77.6



#22

Diisopropyl ether

Concen: 21.457 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion: 45 Resp: 442888

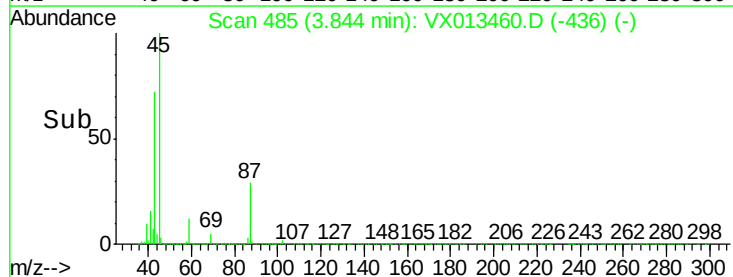
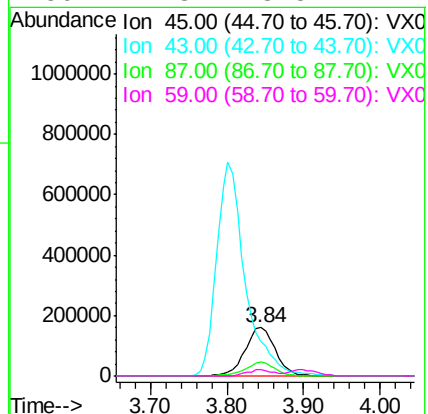
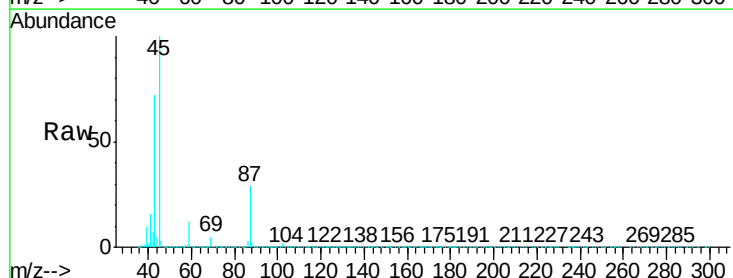
Ion Ratio Lower Upper

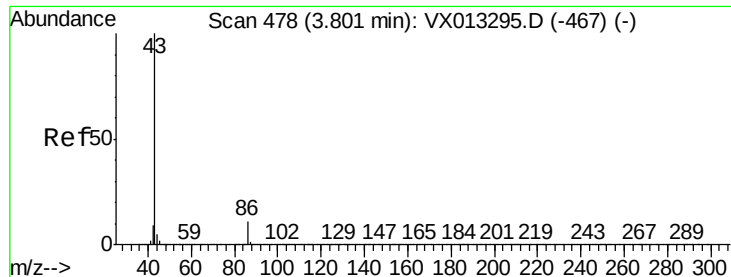
45 100

43 72.1 54.2 81.2

87 28.7 21.8 32.8

59 12.3 8.5 12.7





#23

Vinyl Acetate

Concen: 104.134 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

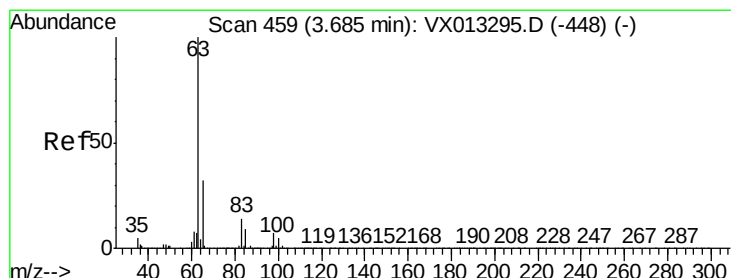
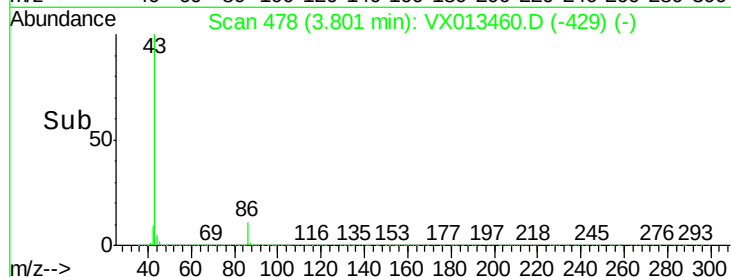
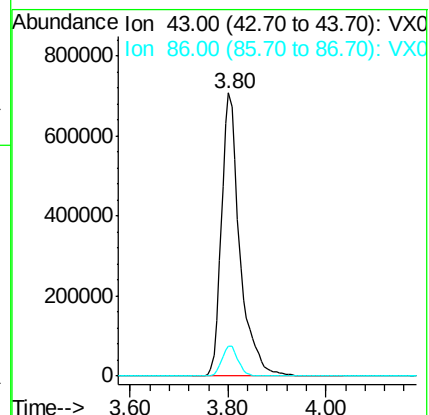
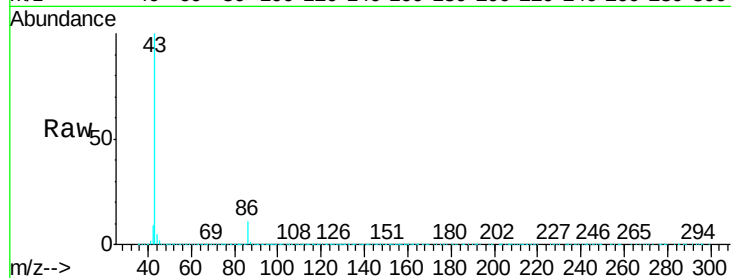
VX1119WBS01

Tgt Ion: 43 Resp: 1839209

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 20.574 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

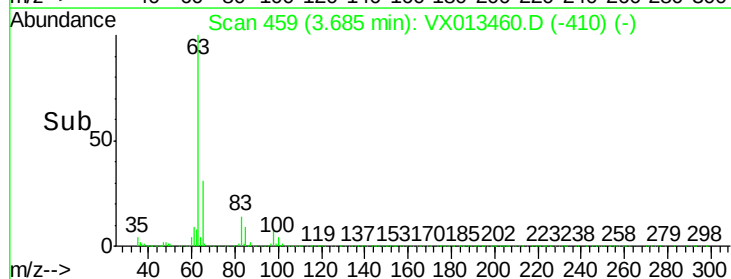
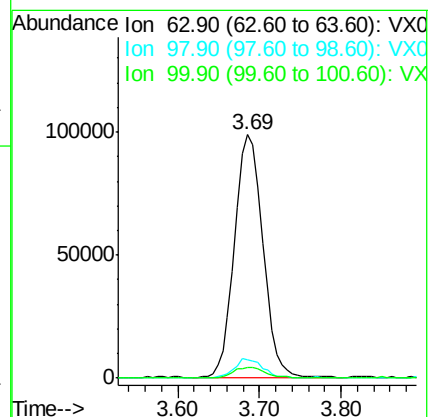
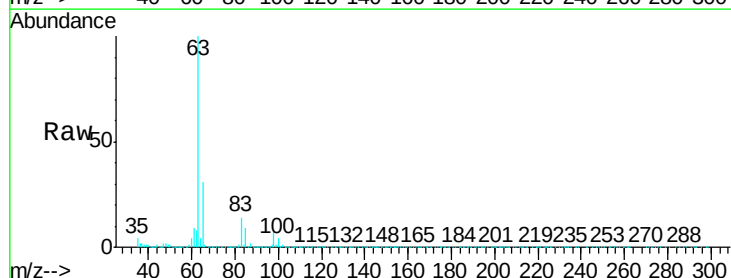
Tgt Ion: 63 Resp: 237560

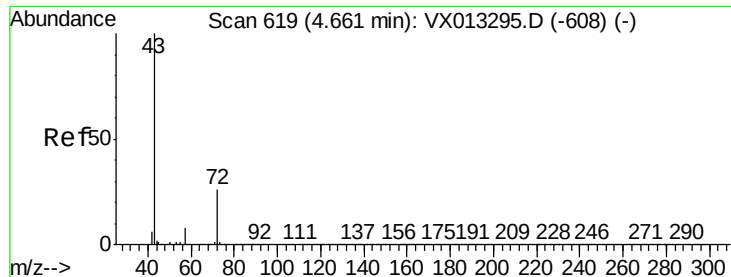
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.0 2.4 7.2





#25

2-Butanone

Concen: 100.457 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

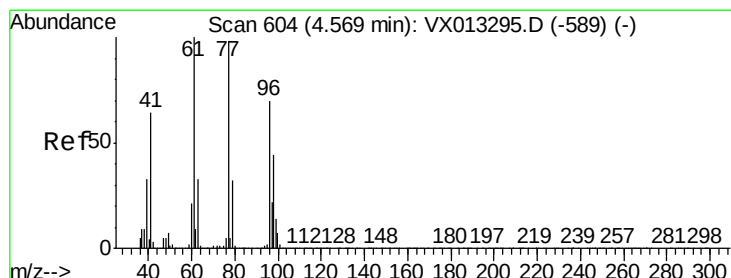
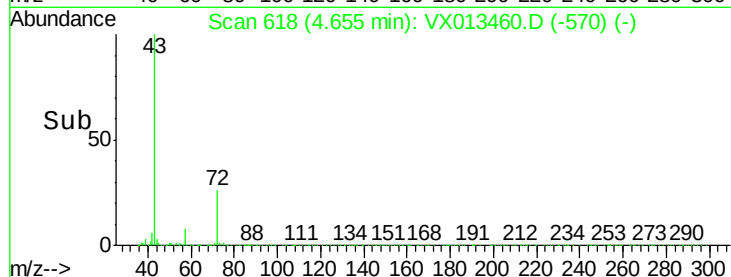
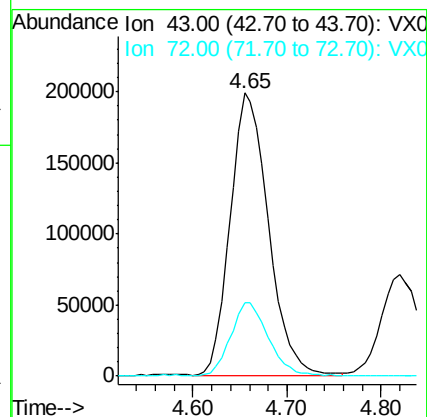
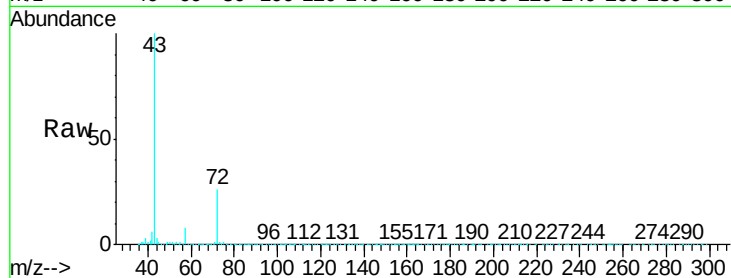
VX1119WBS01

Tgt Ion: 43 Resp: 558616

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.061 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013460.D

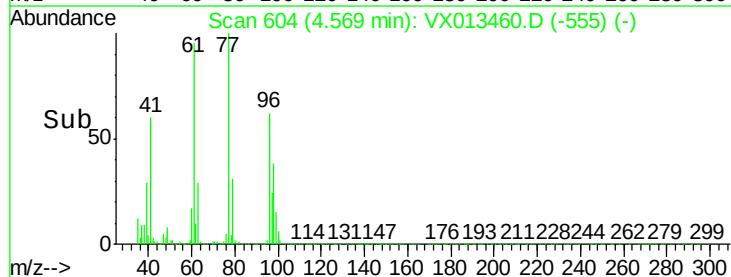
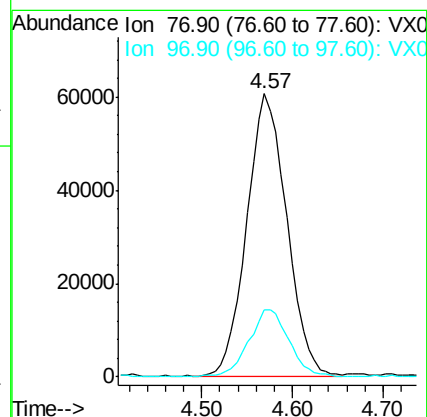
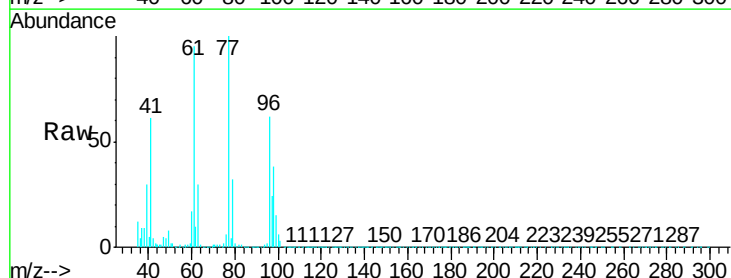
Acq: 19 Nov 2019 12:44

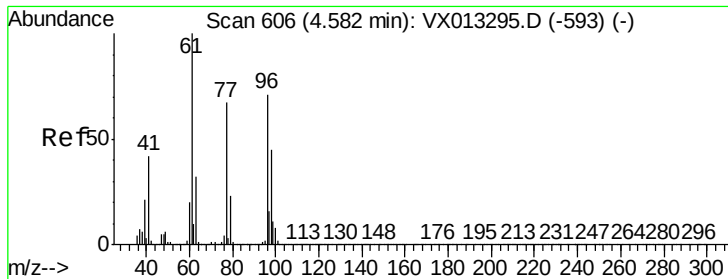
Tgt Ion: 77 Resp: 184273

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.8



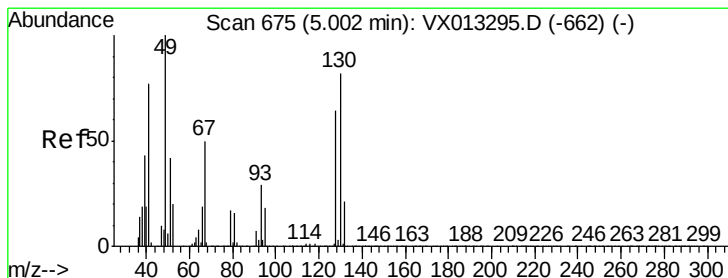
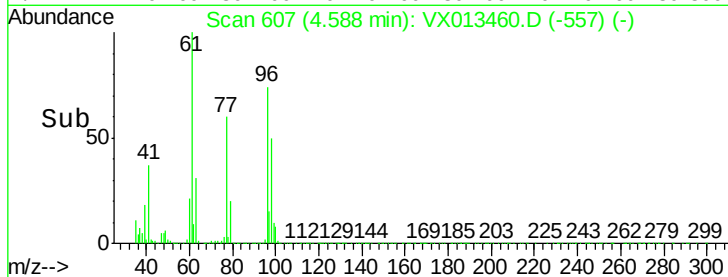
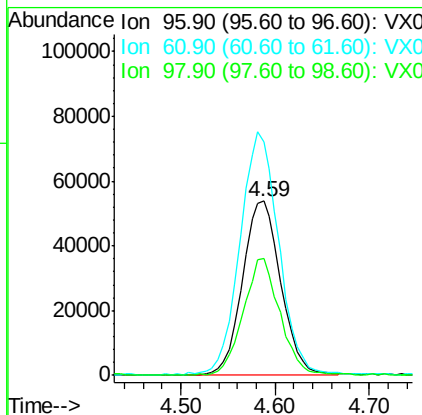
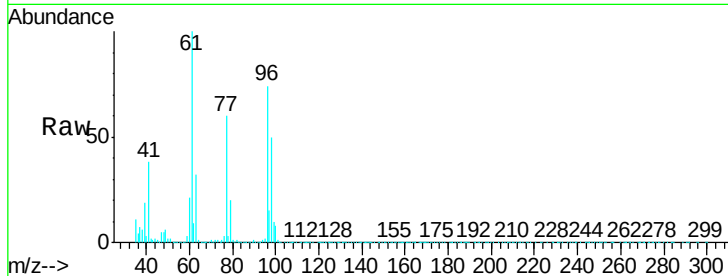


#27

cis-1,2-Dichloroethene
Concen: 21.416 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

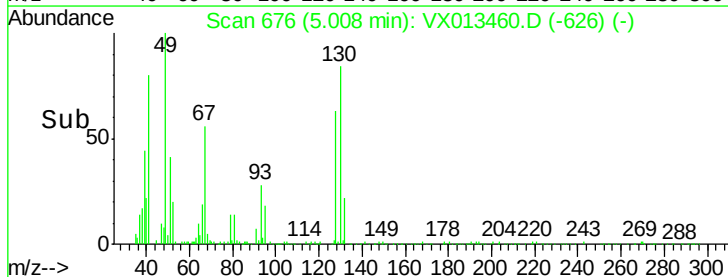
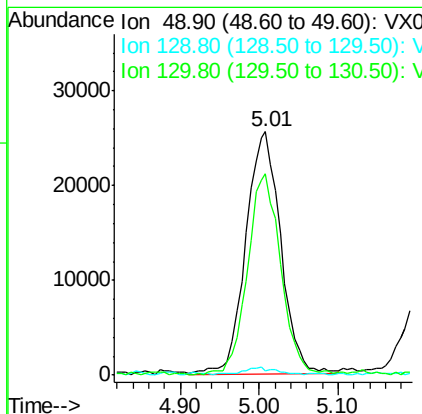
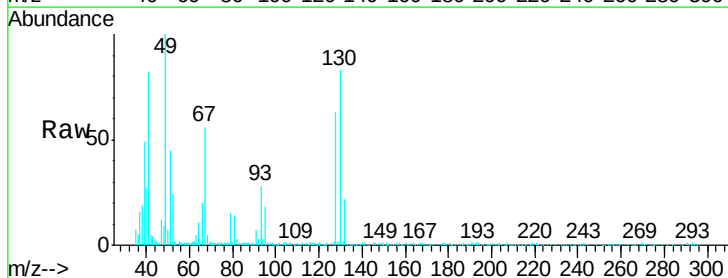
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	288.0
98	63.0	0.0	129.6

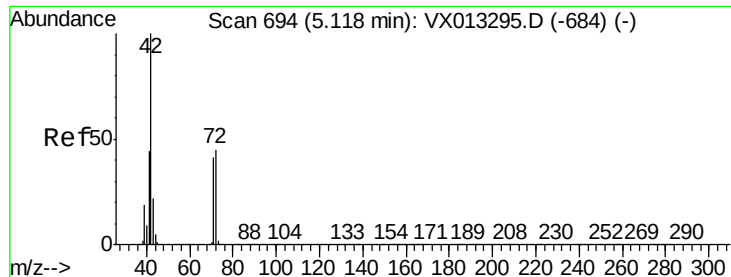


#28

Bromochloromethane
Concen: 24.017 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	79.0	63.8	95.6

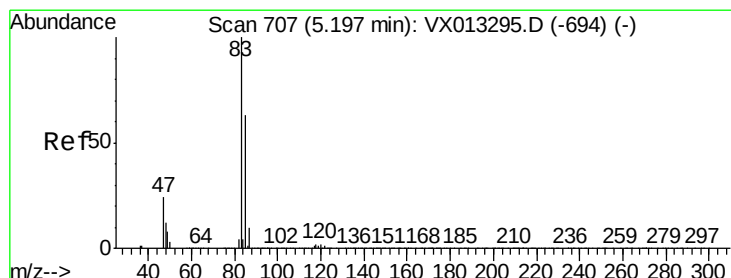
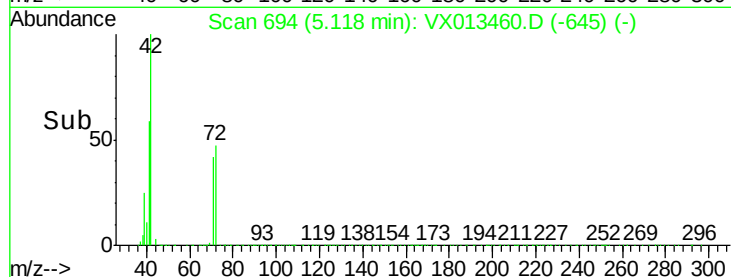
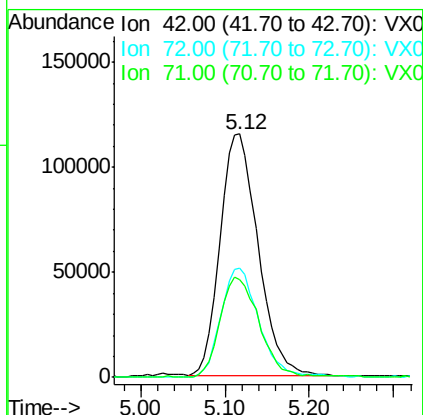
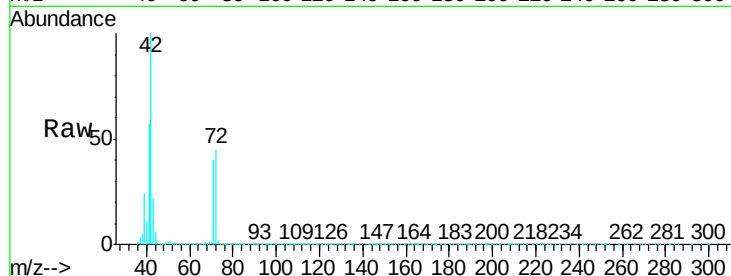




#29
Tetrahydrofuran
Concen: 103.479 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

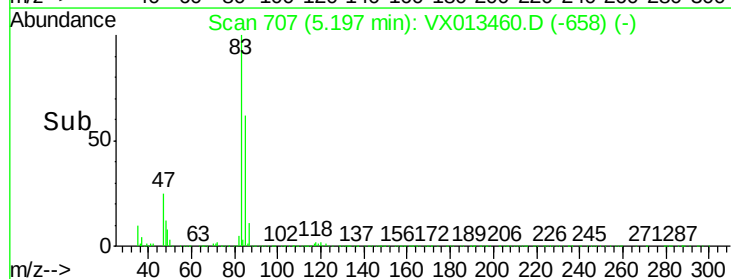
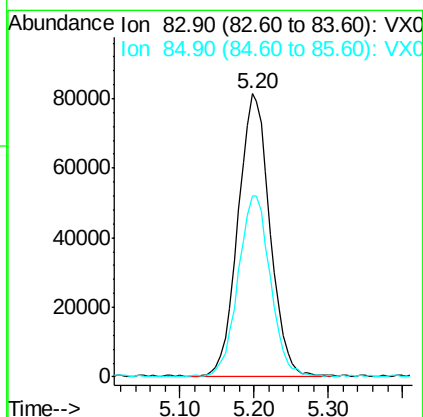
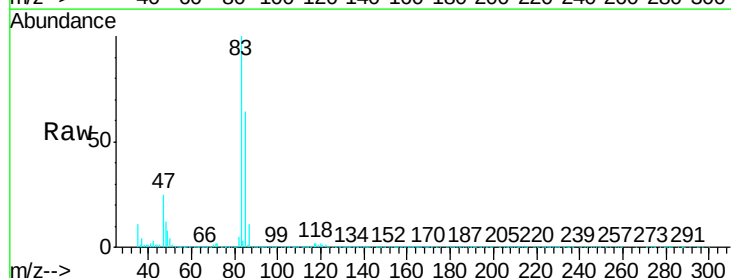
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

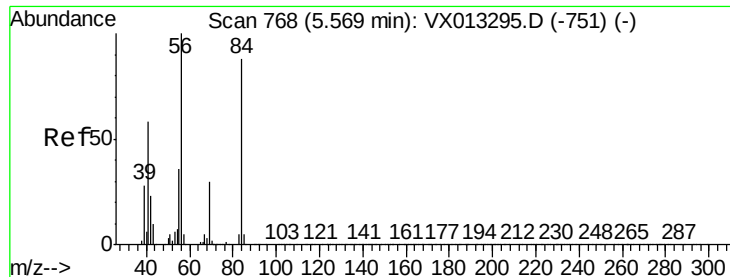
Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	42.0	33.4	50.0



#30
Chloroform
Concen: 21.314 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.2	75.4

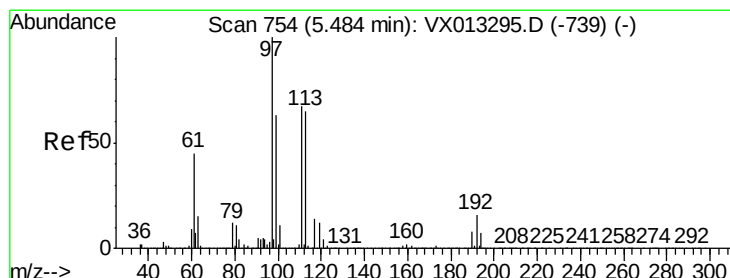
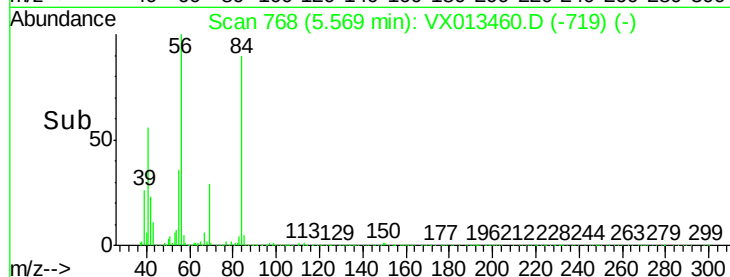
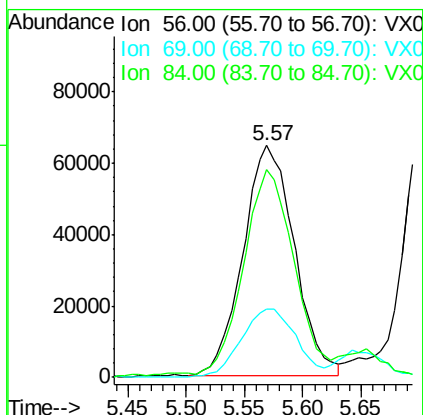
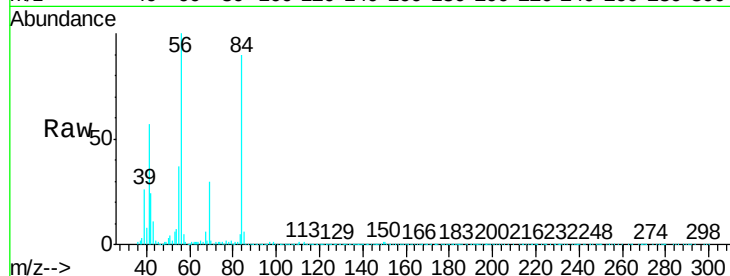




#31
Cyclohexane
Concen: 18.973 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

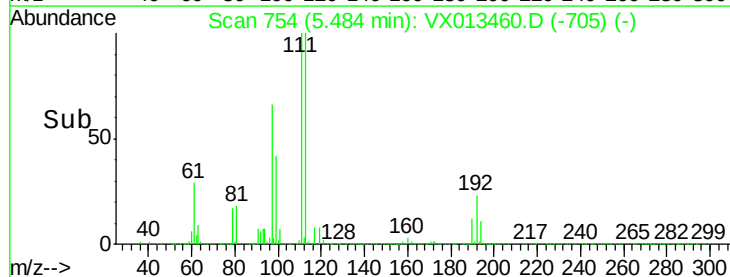
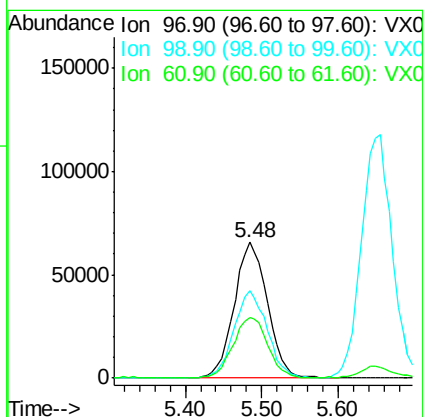
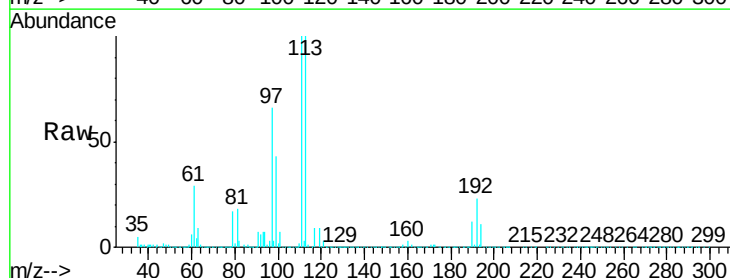
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

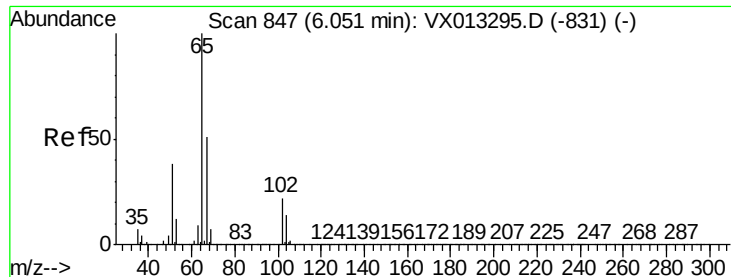
Tgt Ion: 56 Resp: 197128
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 88.7 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.972 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 97 Resp: 195960
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 46.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 45.326 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

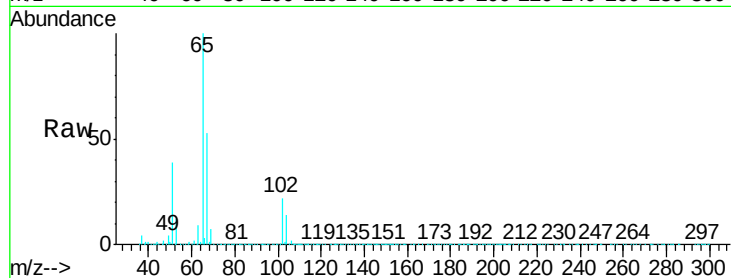
VX1119WBS01

Tgt Ion: 65 Resp: 344452

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

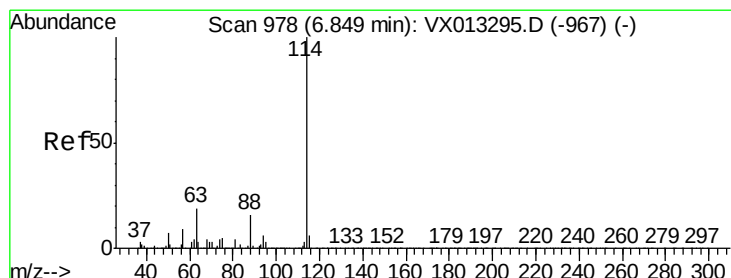
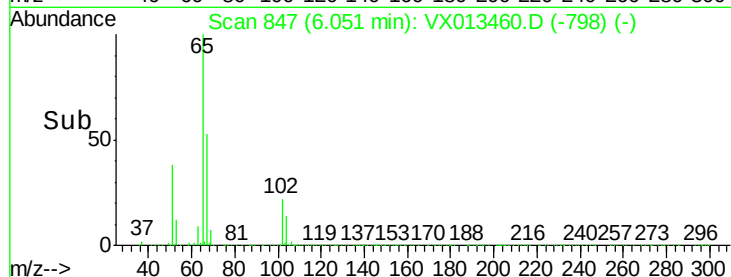
100000

50000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

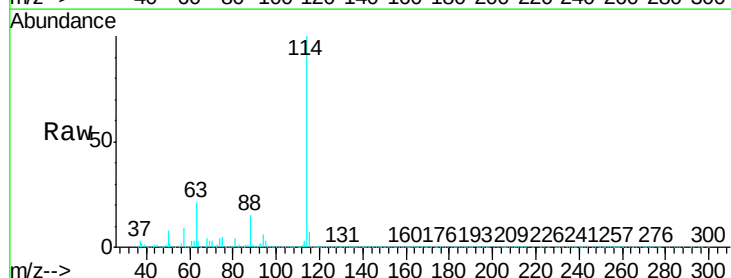
Tgt Ion: 114 Resp: 1006828

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

88 15.1 0.0 32.2



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

6.85

500000

400000

300000

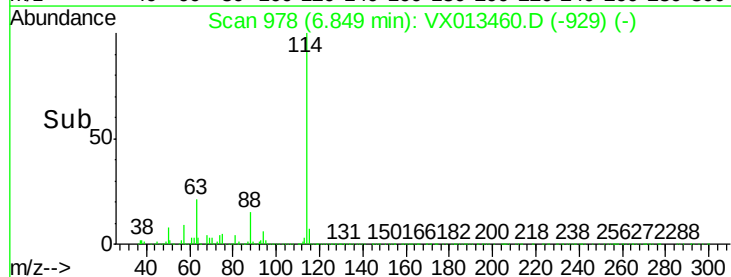
200000

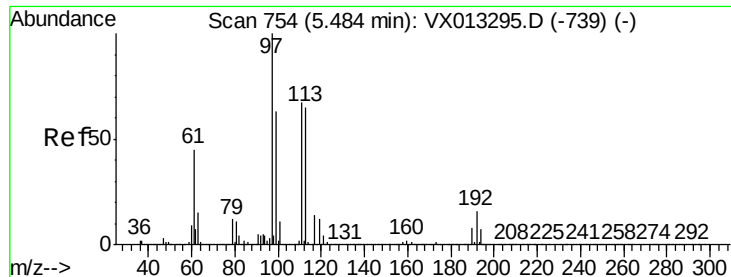
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 45.197 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

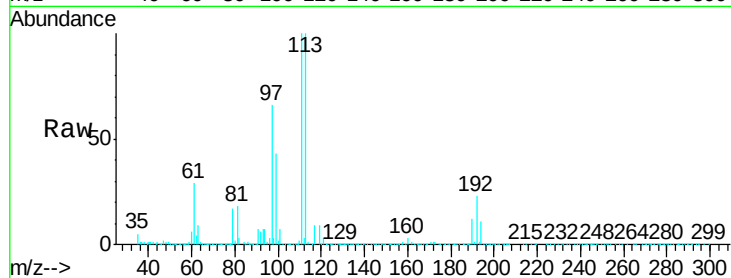
Tgt Ion: 113 Resp: 285417

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

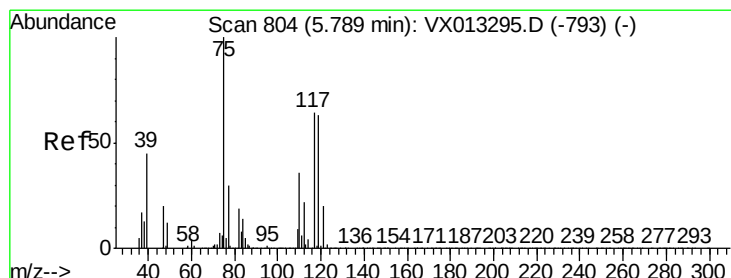
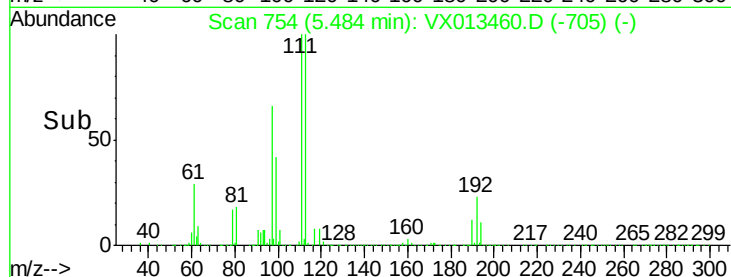
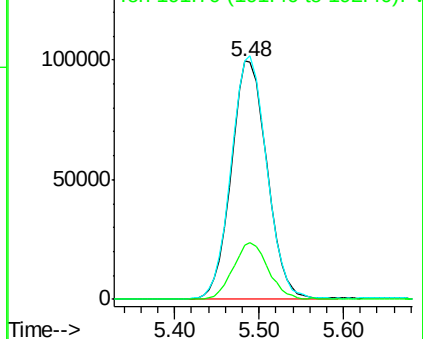
192 23.1 19.1 28.7



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: 19.528 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

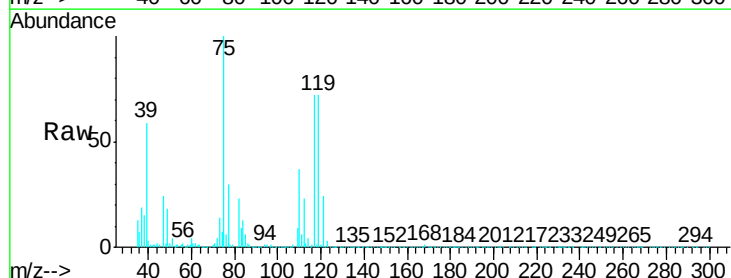
Tgt Ion: 75 Resp: 168669

Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.1

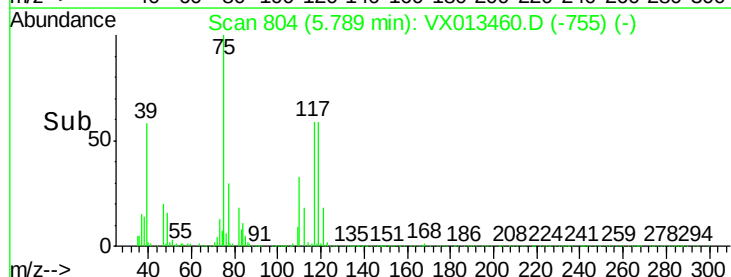
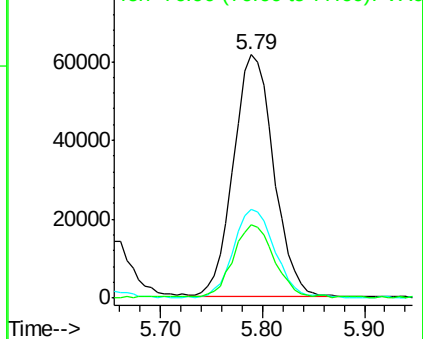
77 30.2 25.0 37.4

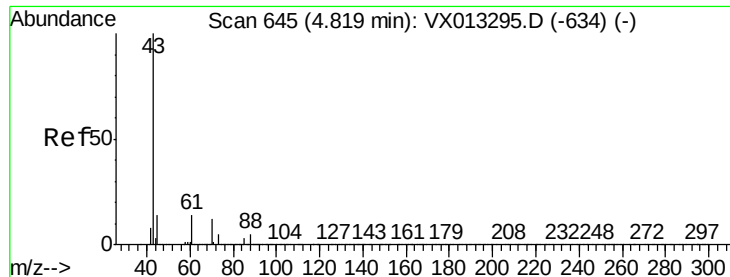


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

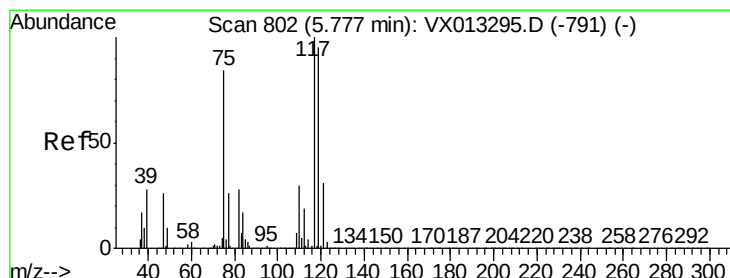
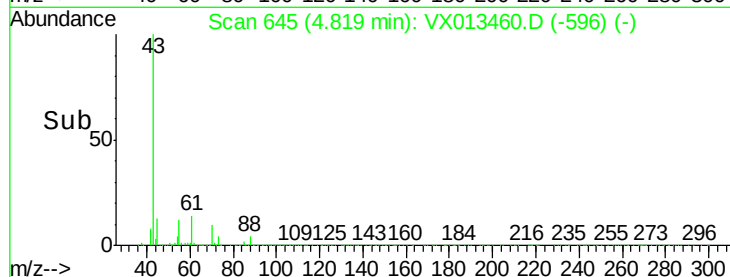
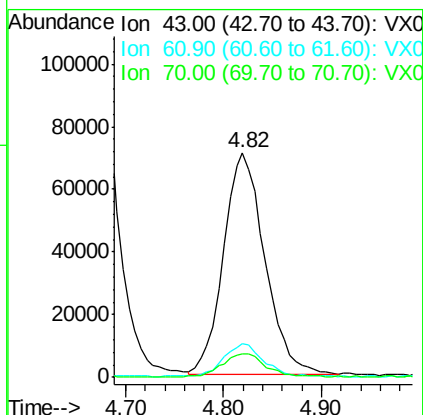
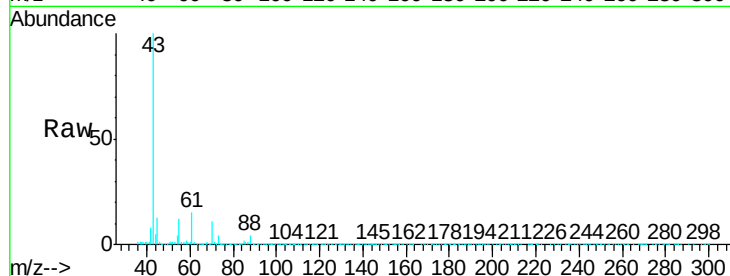




#37
Ethyl Acetate
Concen: 19.351 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

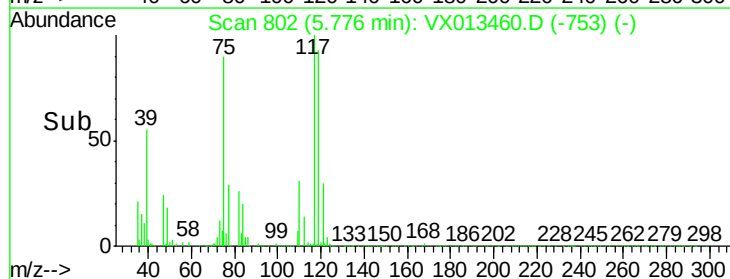
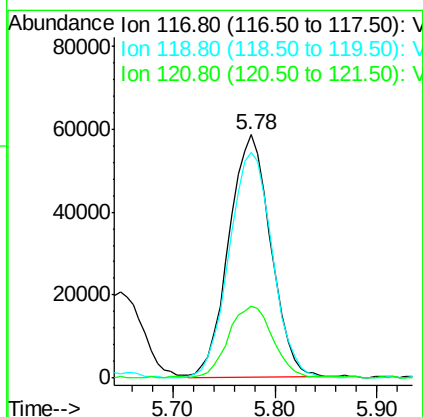
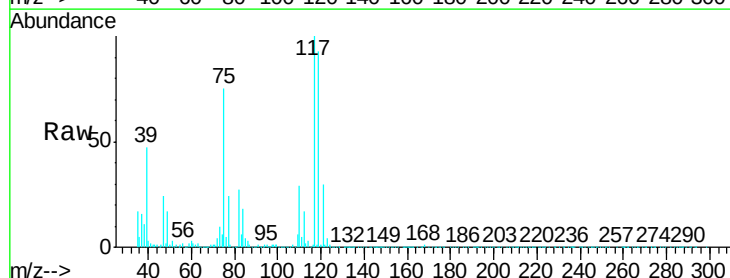
Instrument :
MSVOA_X
ClientSampled :
VX1119WBS01

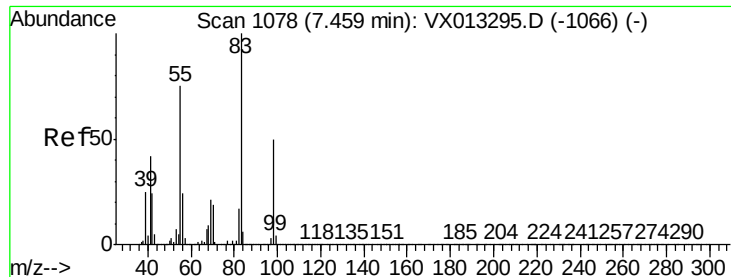
Tgt Ion: 43 Resp: 206526
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.654 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 117 Resp: 165999
Ion Ratio Lower Upper
117 100
119 92.7 76.1 114.1
121 29.4 24.6 37.0

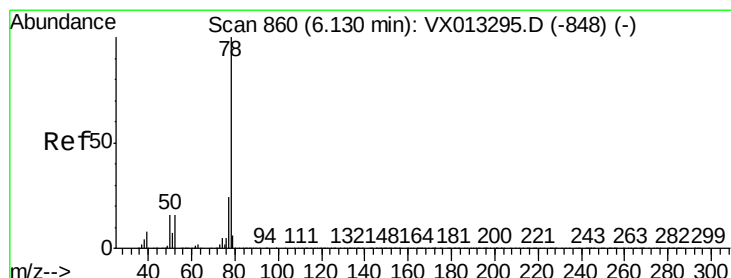
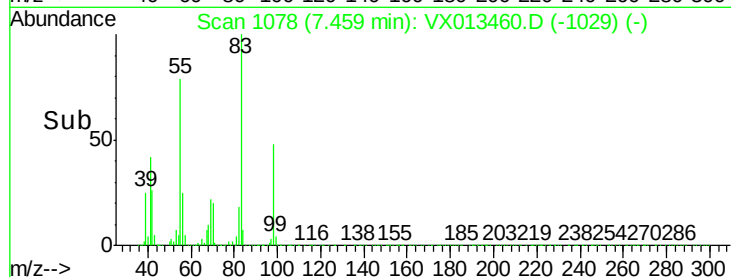
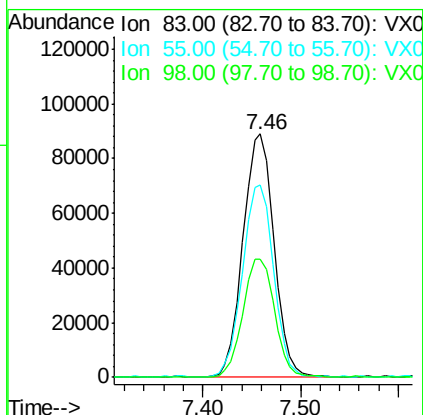
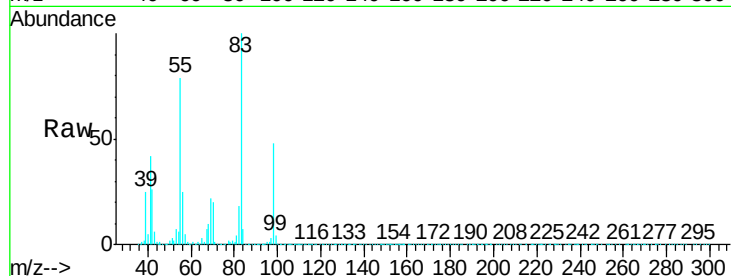




#39
Methylcyclohexane
Concen: 18.325 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

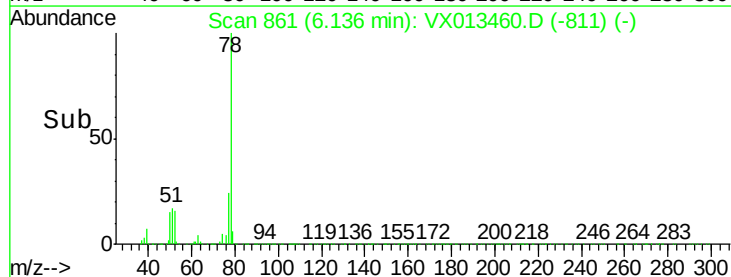
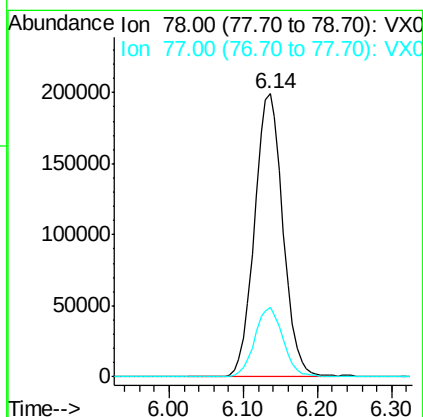
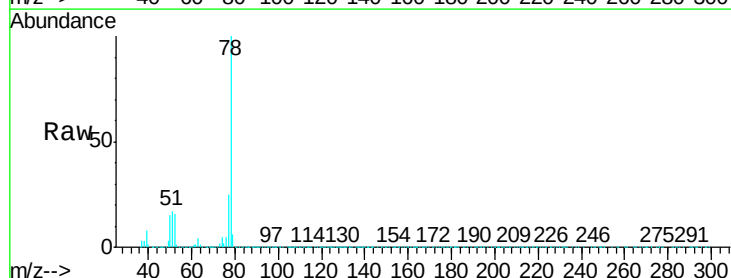
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

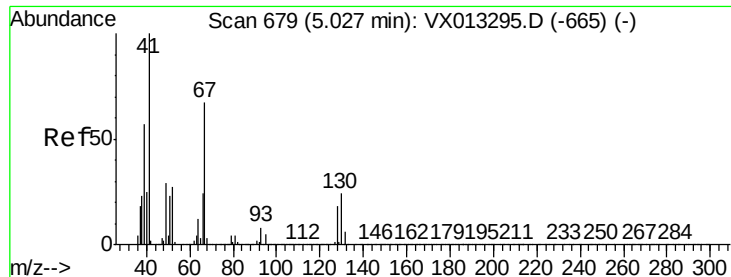
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.8	60.3	90.5
98	48.2	40.3	60.5



#40
Benzene
Concen: 19.770 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3

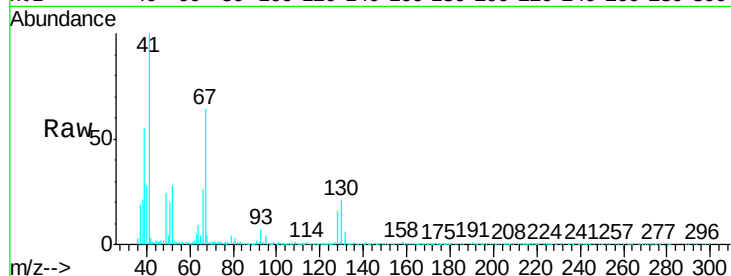




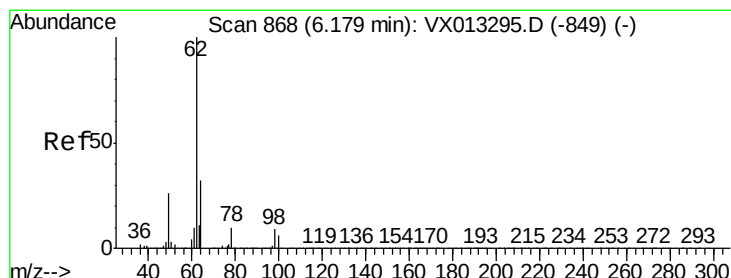
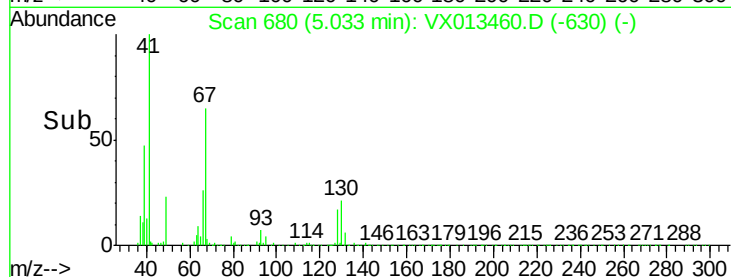
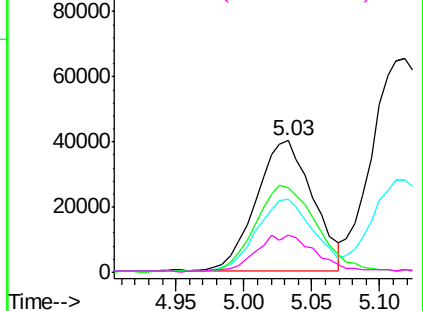
#41
Methacrylonitrile
Concen: 19.442 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampled :
VX1119WBS01

Tgt Ion:	41	Resp:	116303
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.0	67.6
67	71.2	55.4	83.2
52	30.3	23.1	34.7

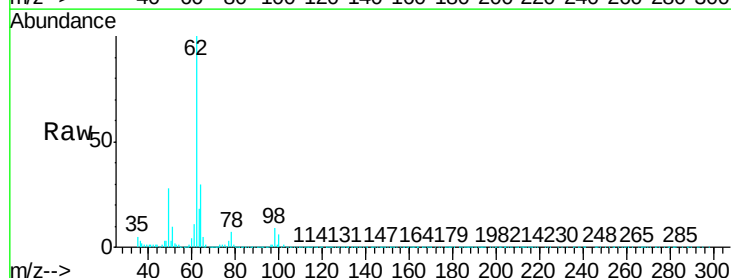


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

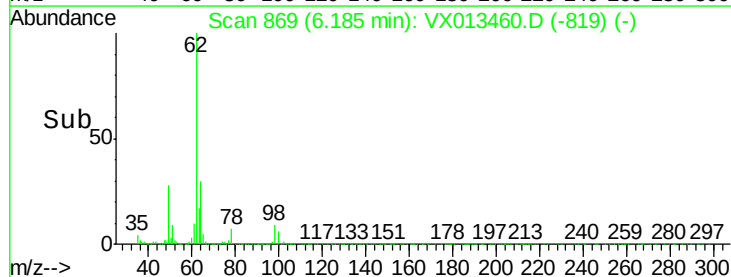
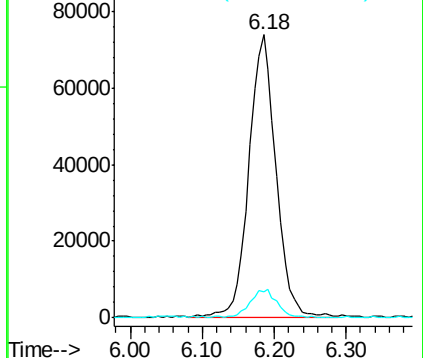


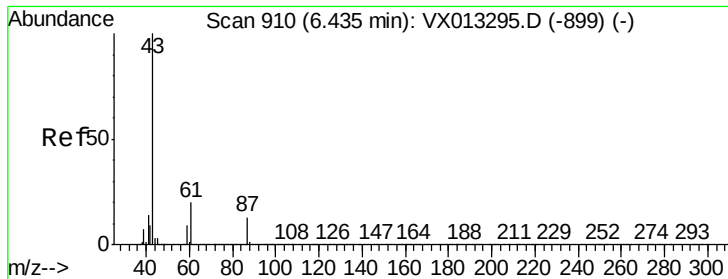
#42
1,2-Dichloroethane
Concen: 19.719 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion:	62	Resp:	191366
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 20.058 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

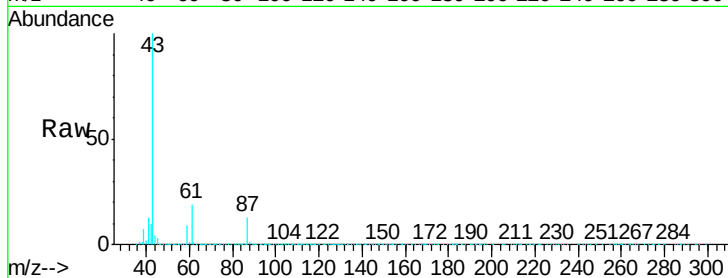
Tgt Ion: 43 Resp: 333350

Ion Ratio Lower Upper

43 100

61 20.8 15.8 23.8

87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

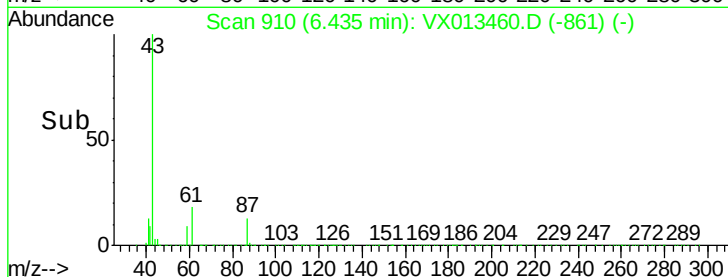
150000

100000

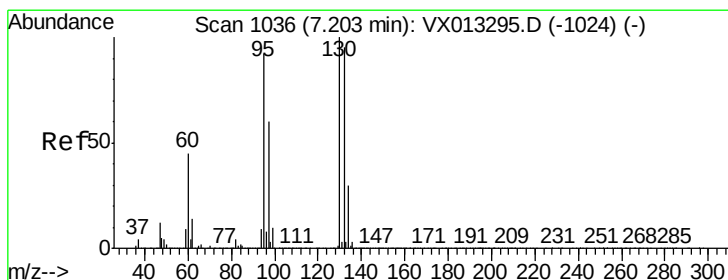
50000

0

6.30 6.40 6.50



Time-->



#44

Trichloroethene

Concen: 19.181 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013460.D

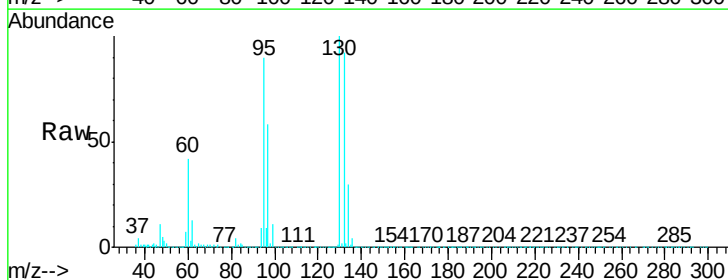
Acq: 19 Nov 2019 12:44

Tgt Ion: 130 Resp: 142052

Ion Ratio Lower Upper

130 100

95 90.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

80000

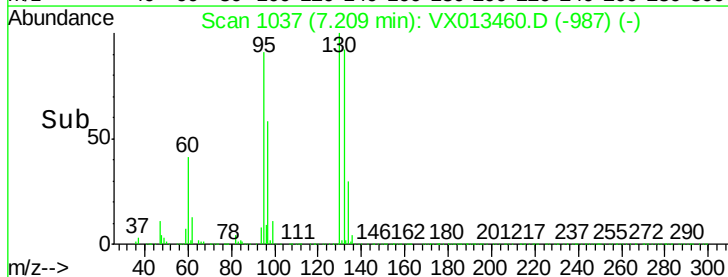
60000

40000

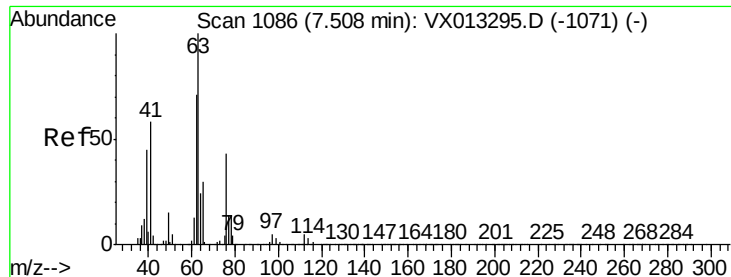
20000

0

7.10 7.20 7.30



Time-->



#45

1,2-Dichloropropane

Concen: 20.449 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

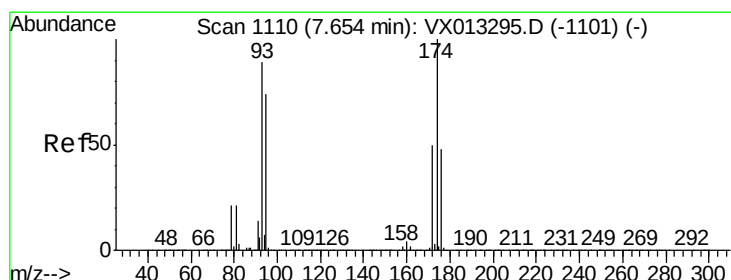
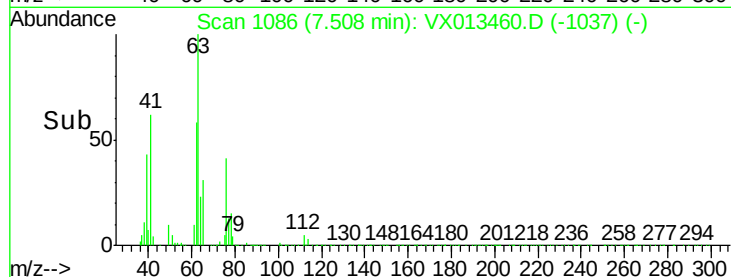
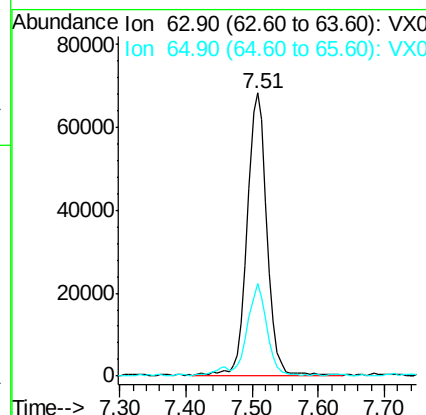
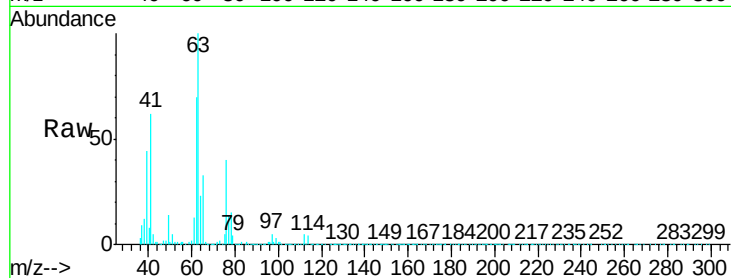
VX1119WBS01

Tgt Ion: 63 Resp: 140182

Ion Ratio Lower Upper

63 100

65 32.4 24.3 36.5



#46

Dibromomethane

Concen: 19.573 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

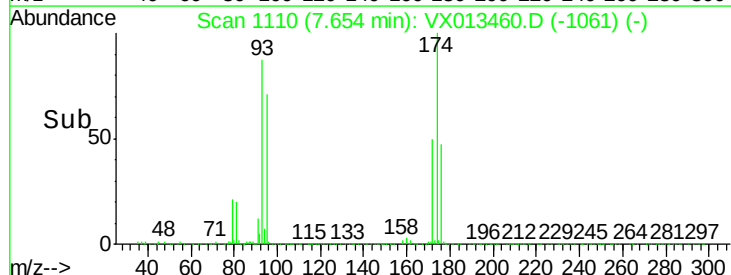
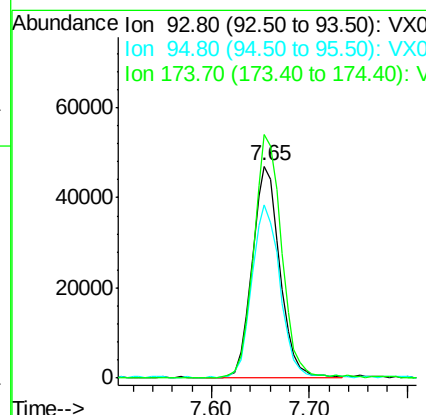
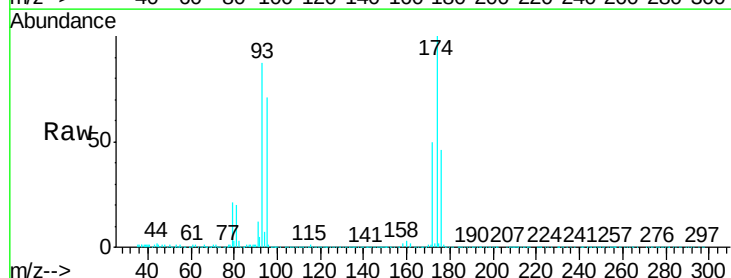
Tgt Ion: 93 Resp: 91612

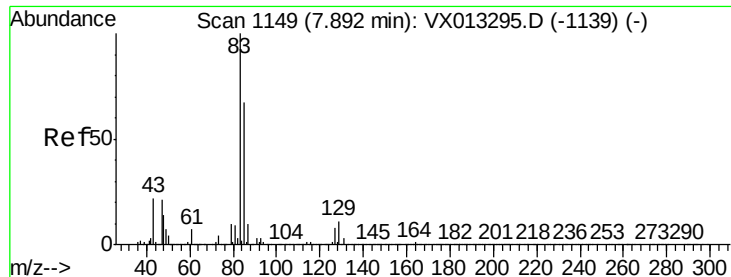
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 116.2 90.4 135.6





#47

Bromodichloromethane

Concen: 20.564 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

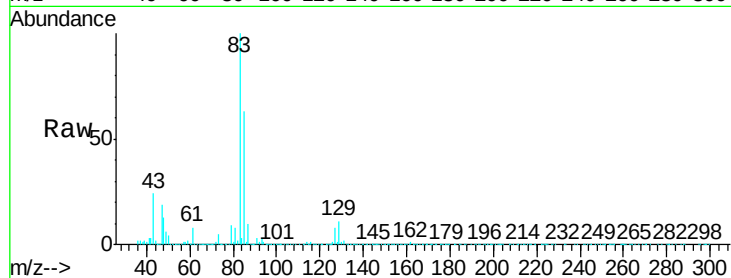
Tgt Ion: 83 Resp: 181507

Ion Ratio Lower Upper

83 100

85 62.4 53.7 80.5

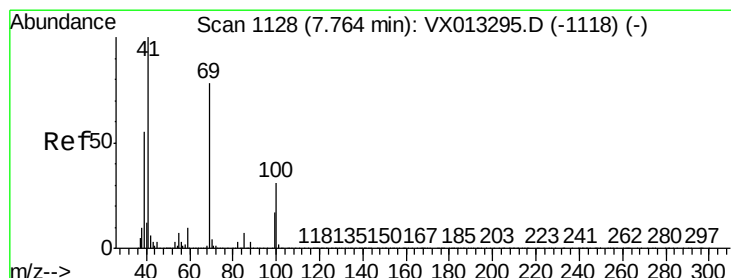
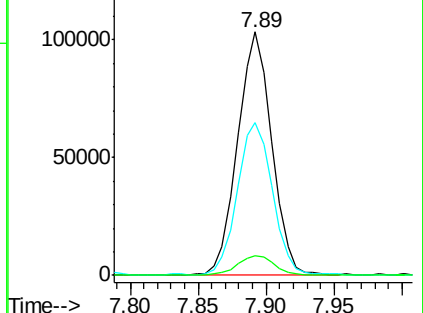
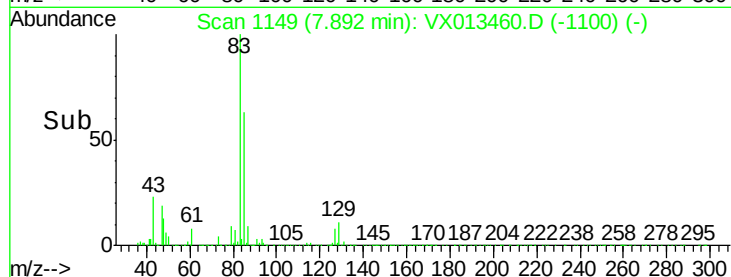
127 8.0 6.4 9.6



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: 20.083 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

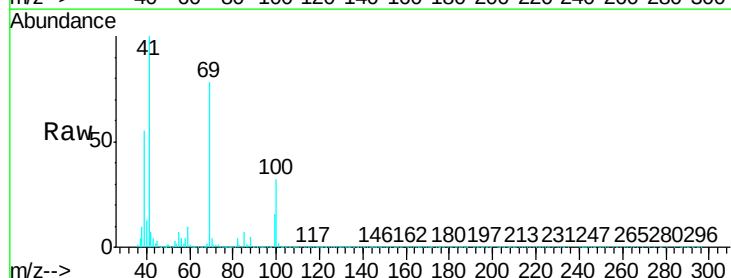
Tgt Ion: 41 Resp: 166609

Ion Ratio Lower Upper

41 100

69 79.6 63.0 94.6

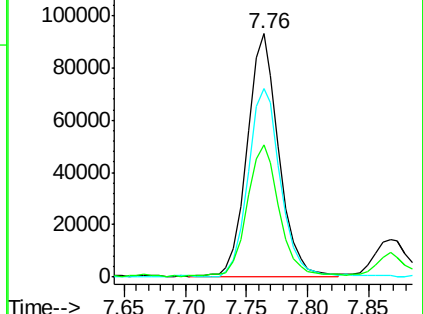
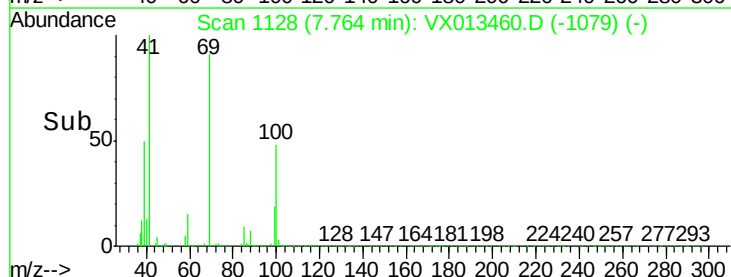
39 55.0 45.9 68.9

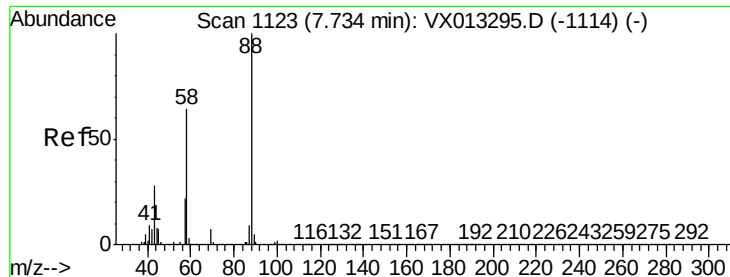


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 389.032 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

VX1119WBS01

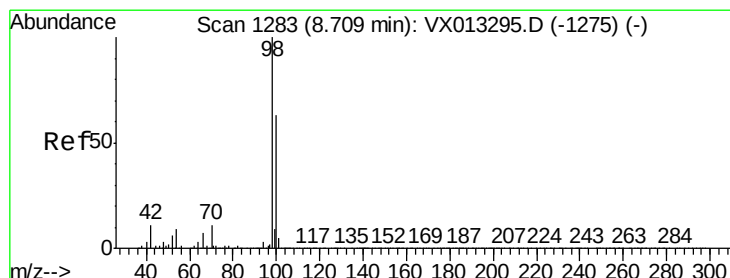
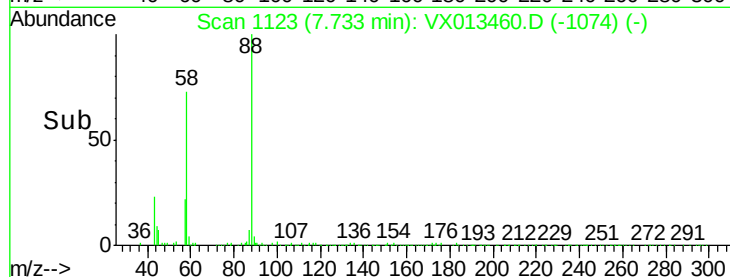
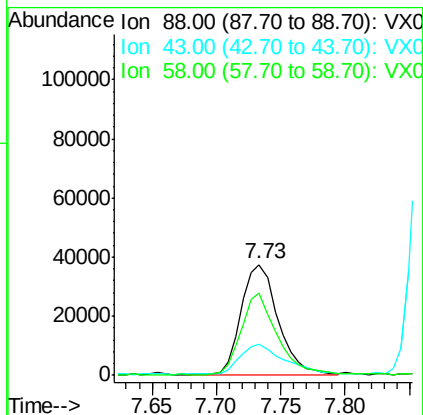
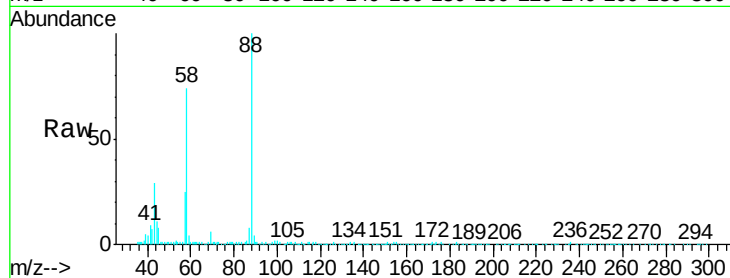
Tgt Ion: 88 Resp: 73912

Ion Ratio Lower Upper

88 100

43 31.3 26.6 39.8

58 72.5 55.0 82.6



#50

Toluene-d8

Concen: 44.631 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013460.D

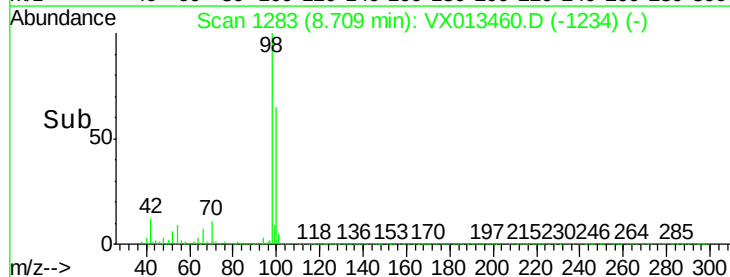
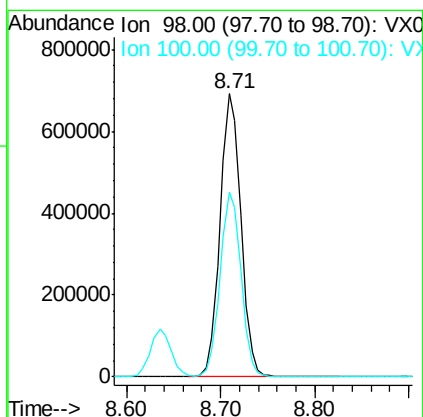
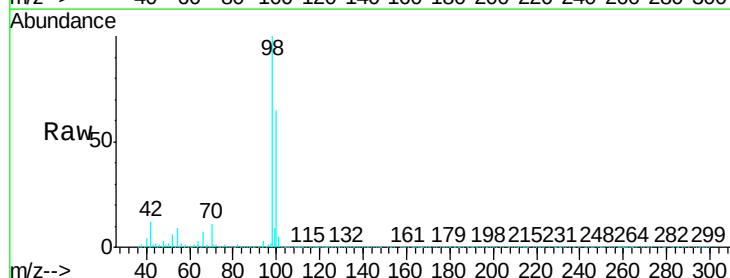
Acq: 19 Nov 2019 12:44

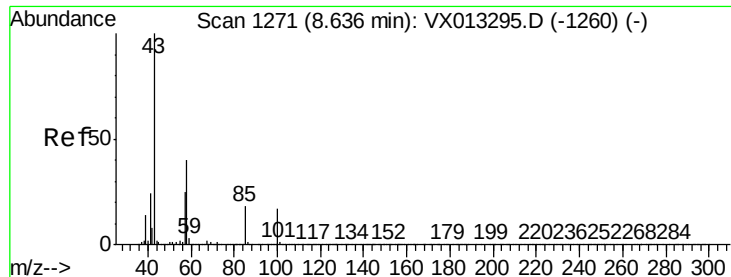
Tgt Ion: 98 Resp: 1062527

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

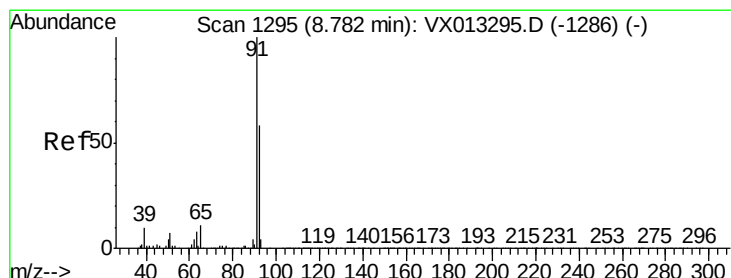
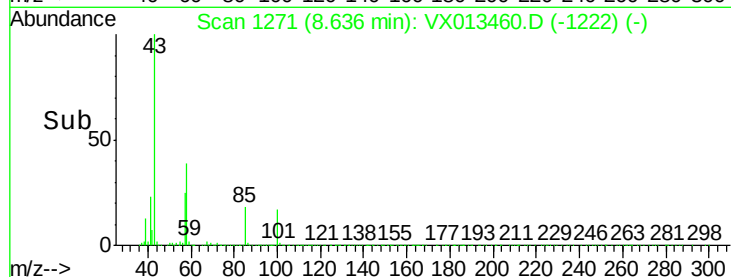
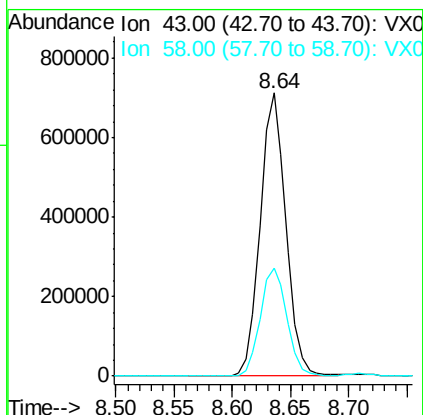
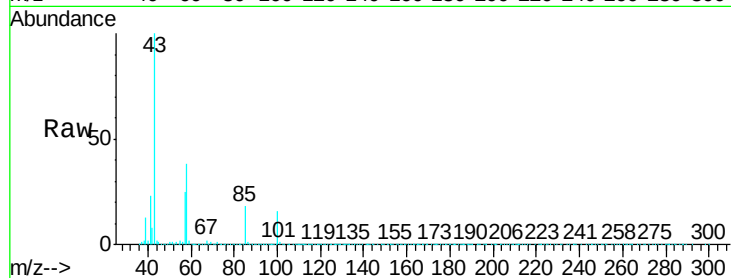




#51
4-Methyl-2-Pentanone
Concen: 100.391 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

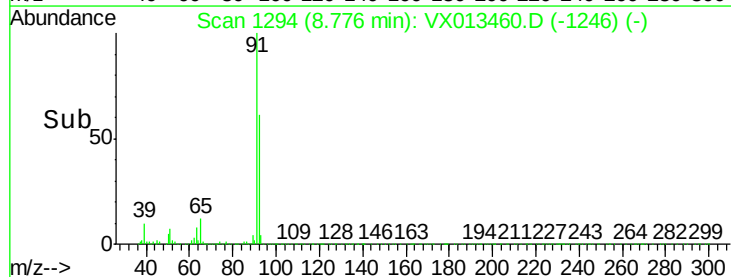
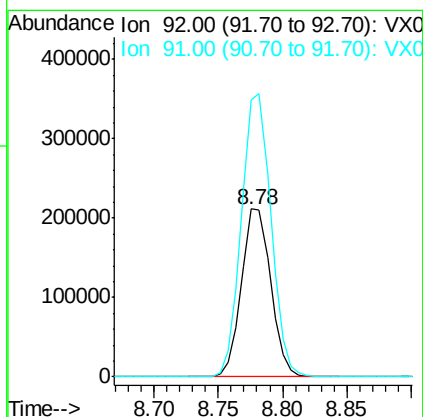
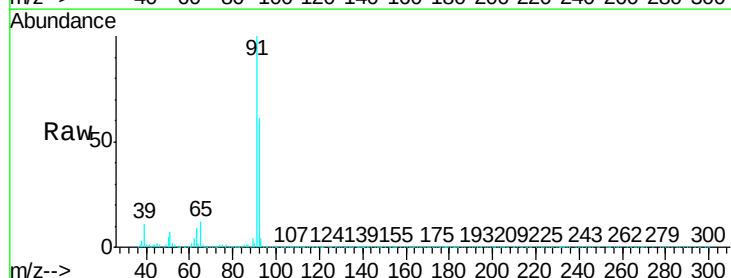
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

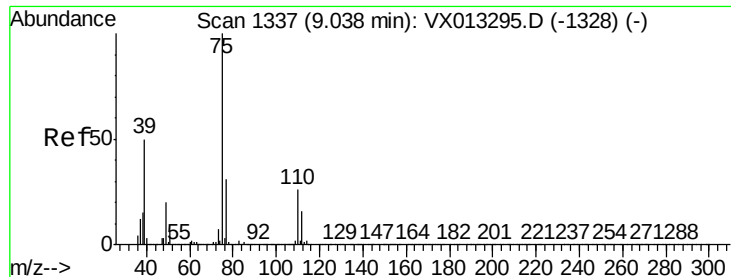
Tgt Ion: 43 Resp: 1094648
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.0



#52
Toluene
Concen: 20.045 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 92 Resp: 334261
Ion Ratio Lower Upper
92 100
91 169.5 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.818 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

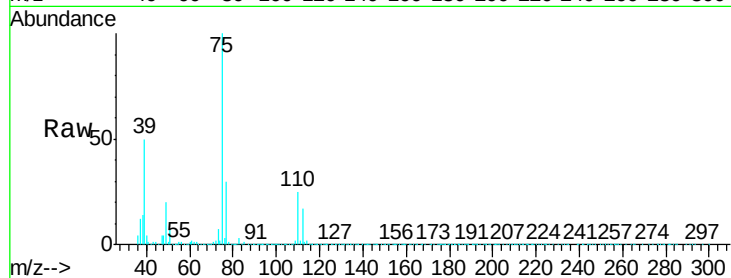
VX1119WBS01

Tgt Ion: 75 Resp: 191270

Ion Ratio Lower Upper

75 100

77 29.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

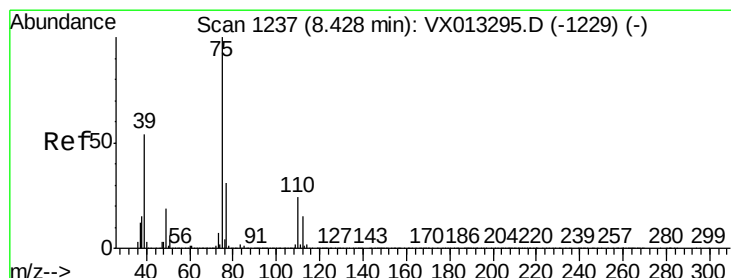
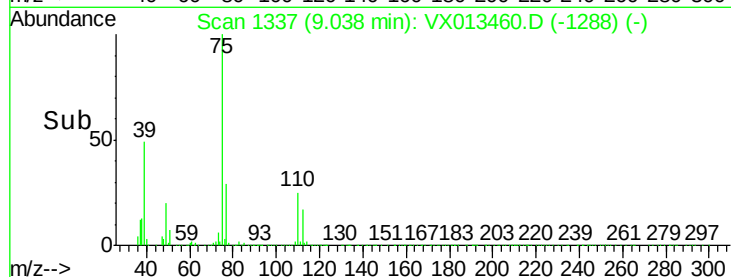
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.267 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

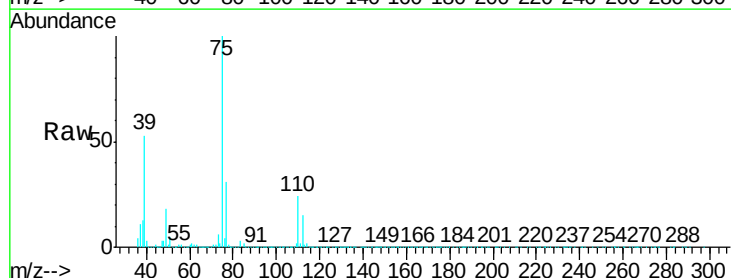
Tgt Ion: 75 Resp: 218801

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 52.4 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

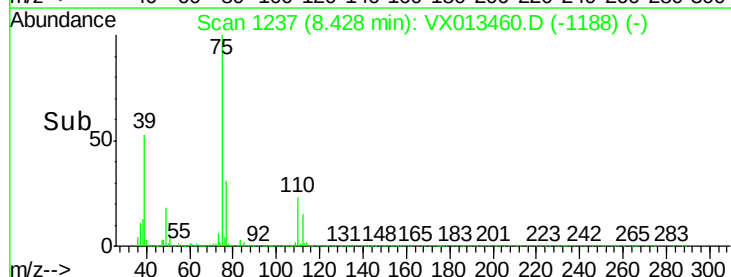
150000

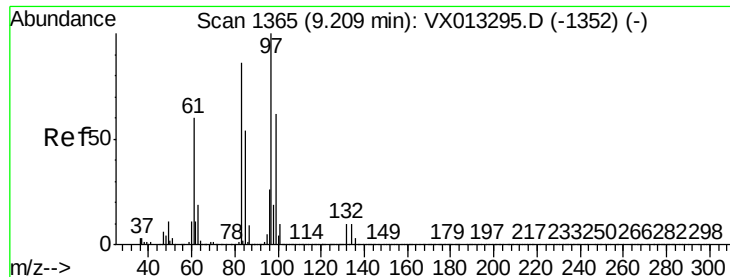
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.507 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tgt Ion: 97 Resp: 141742

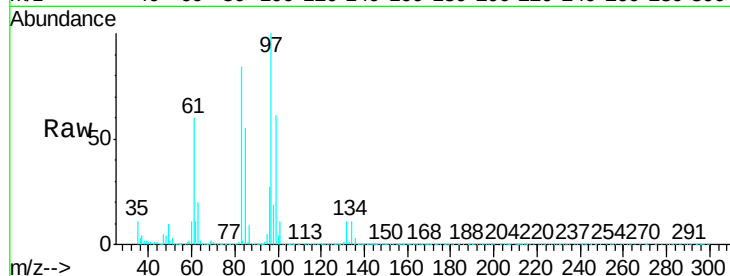
Ion Ratio Lower Upper

97 100

83 84.5 68.6 103.0

85 54.8 43.1 64.7

99 60.7 49.4 74.0

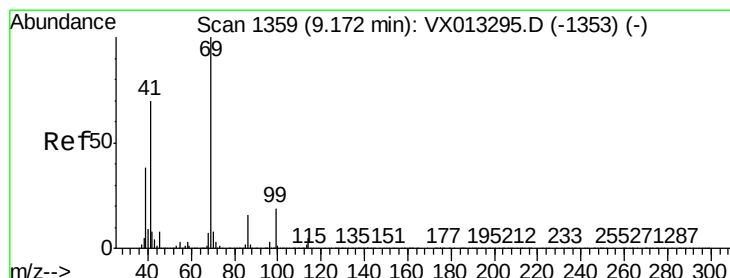
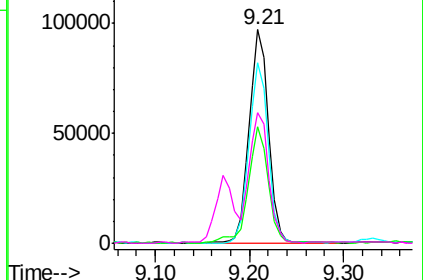
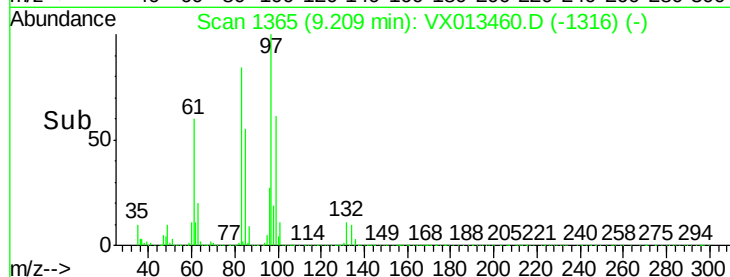


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.522 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

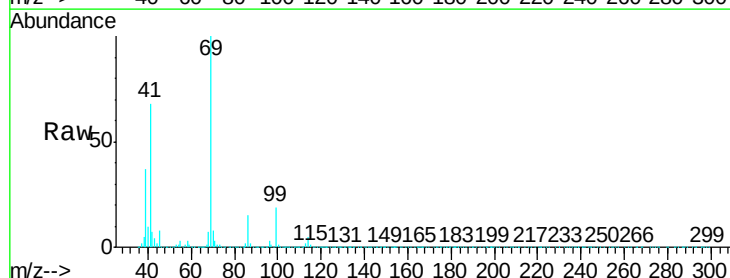
Tgt Ion: 69 Resp: 218754

Ion Ratio Lower Upper

69 100

41 69.5 56.2 84.2

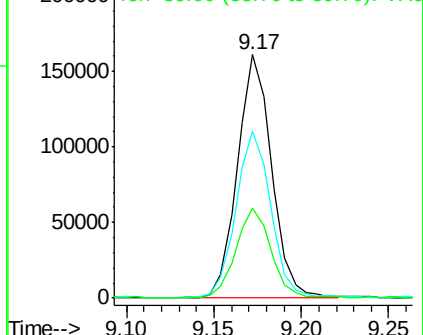
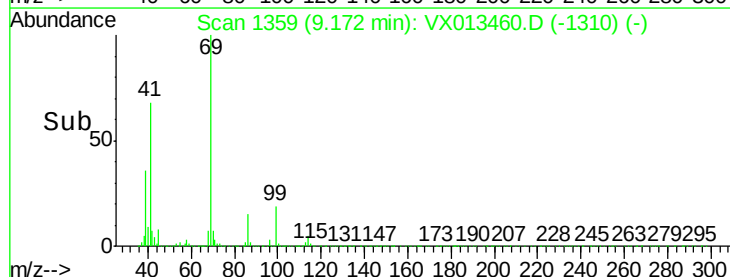
39 36.9 31.1 46.7

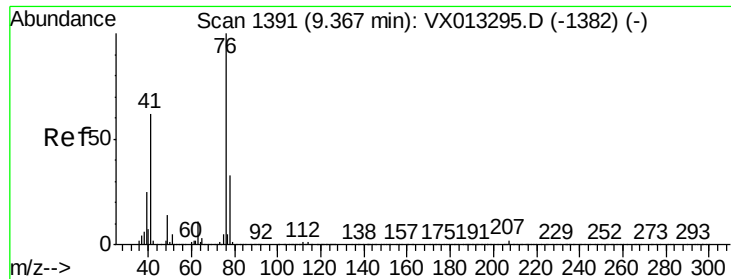


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

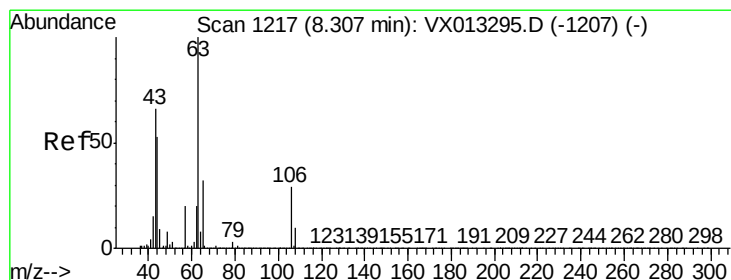
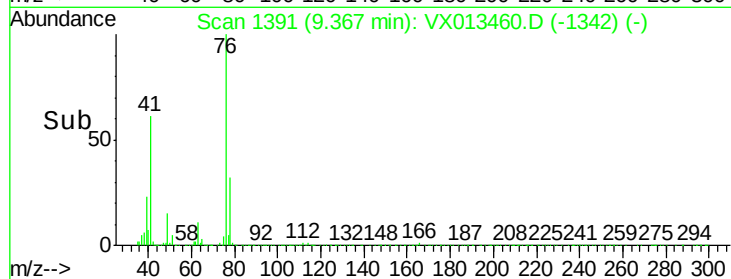
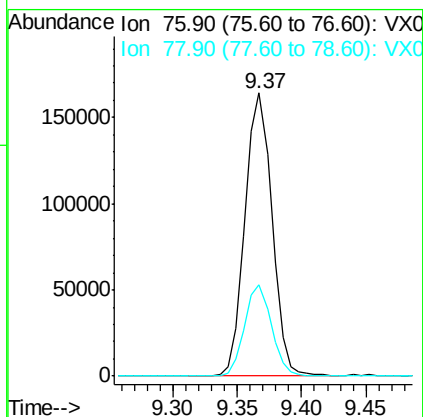
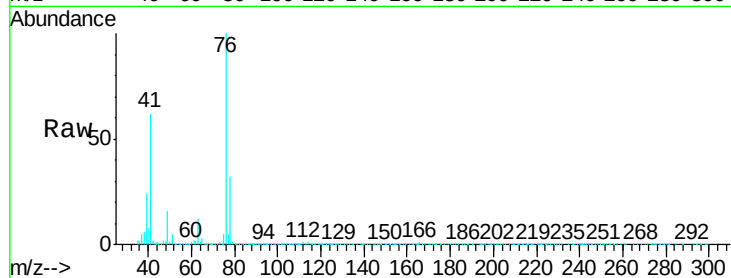
VX1119WBS01

Tgt Ion: 76 Resp: 238807

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 92.571 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013460.D

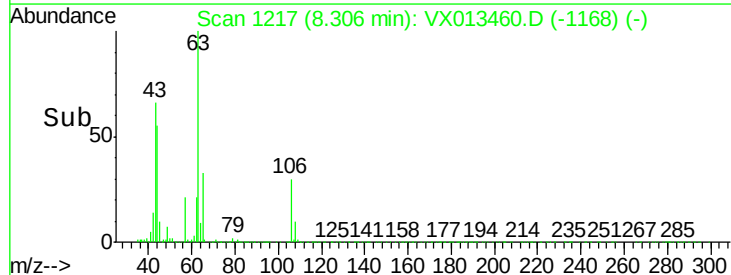
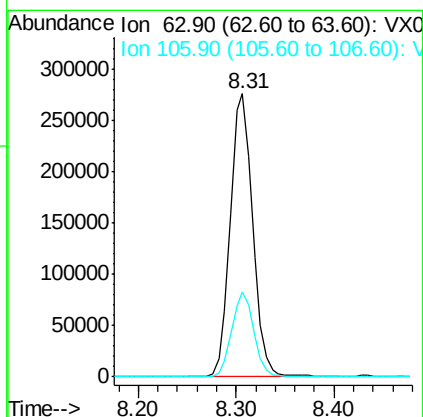
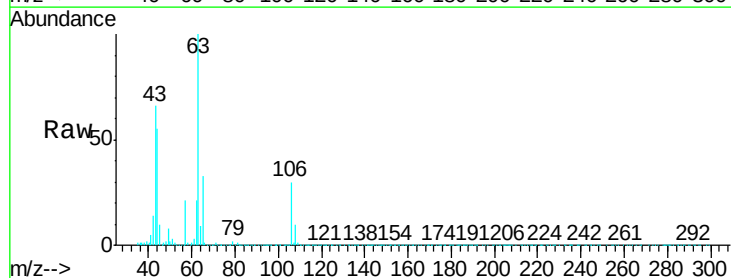
Acq: 19 Nov 2019 12:44

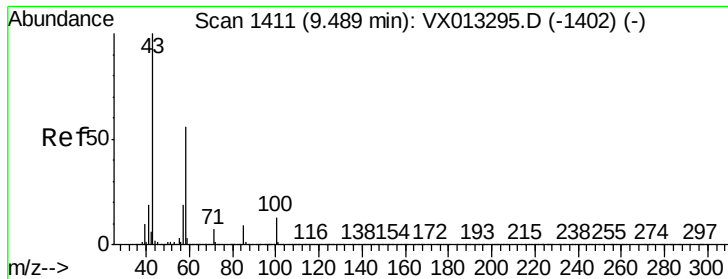
Tgt Ion: 63 Resp: 437488

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2

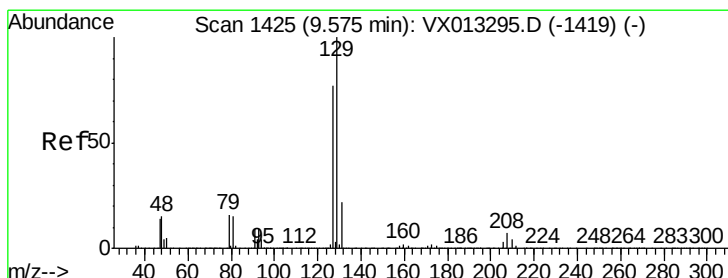
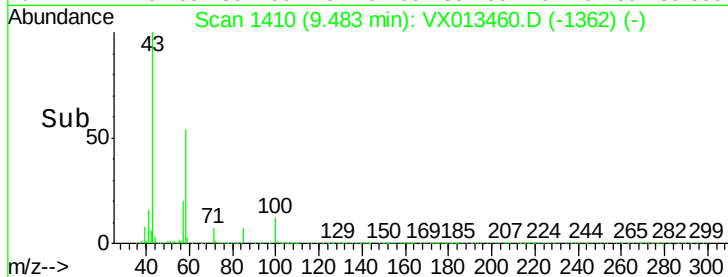
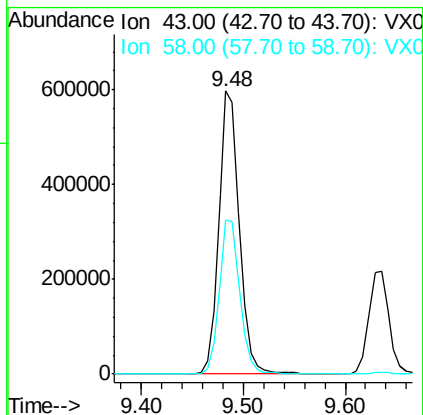
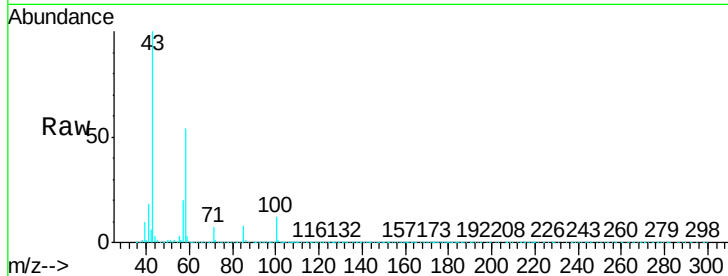




#59
2-Hexanone
Concen: 99.692 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

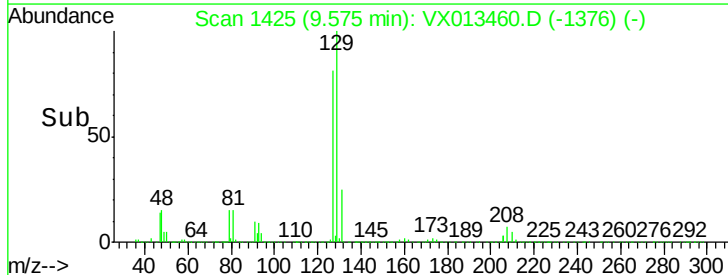
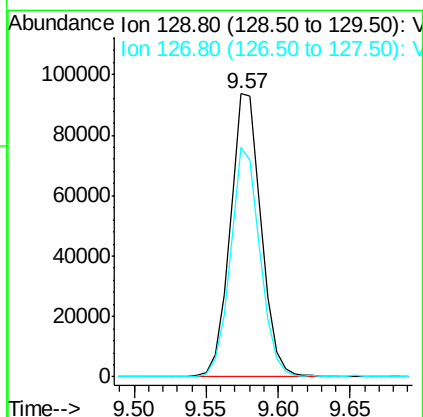
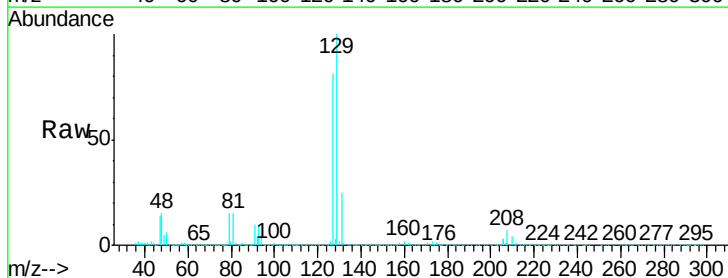
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

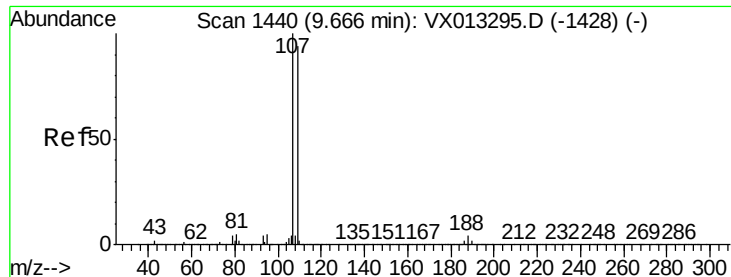
Tgt Ion: 43 Resp: 840027
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 19.780 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 129 Resp: 139823
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.750 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

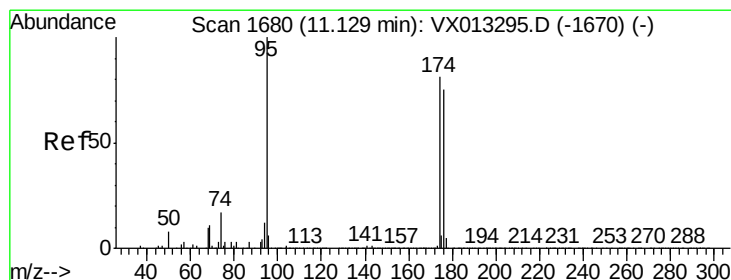
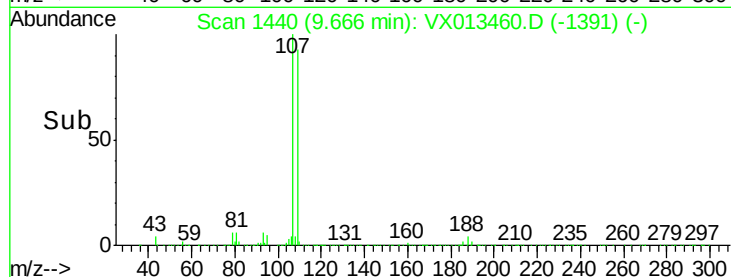
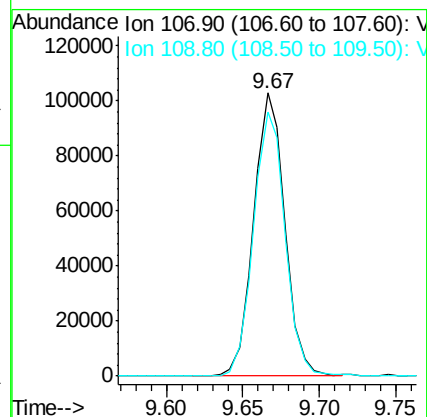
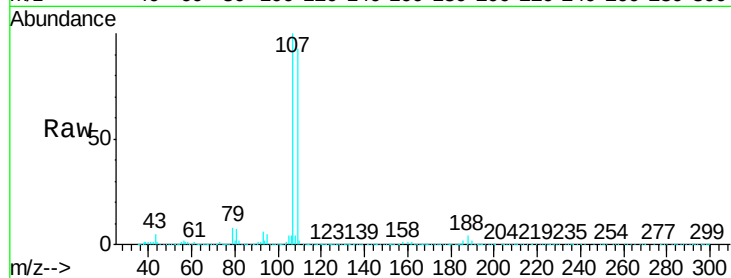
VX1119WBS01

Tgt Ion: 107 Resp: 144956

Ion Ratio Lower Upper

107 100

109 95.1 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 44.469 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

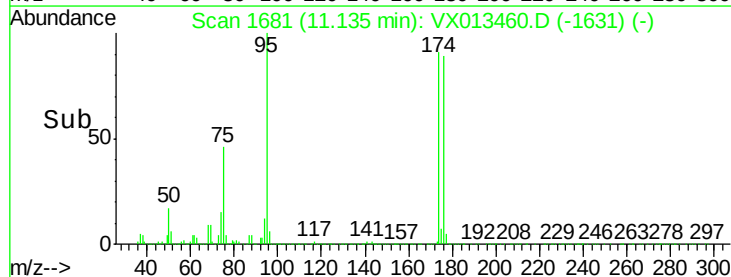
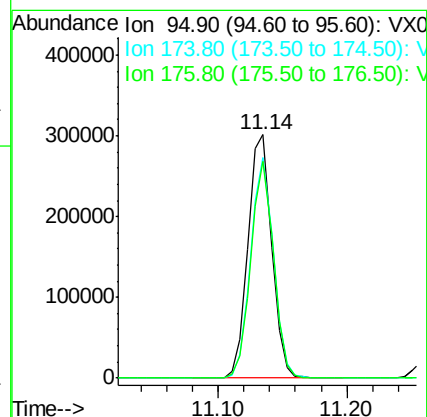
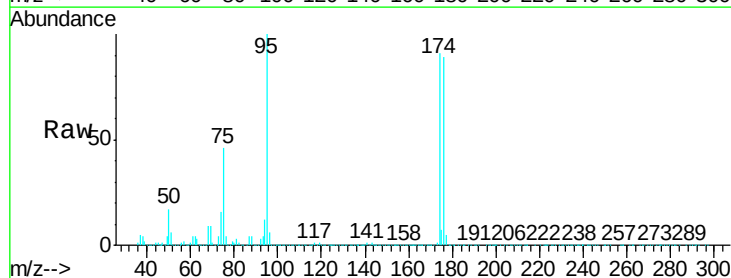
Tgt Ion: 95 Resp: 382080

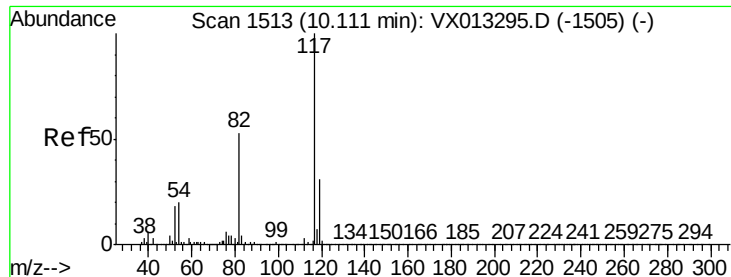
Ion Ratio Lower Upper

95 100

174 87.0 0.0 179.8

176 84.9 0.0 173.0

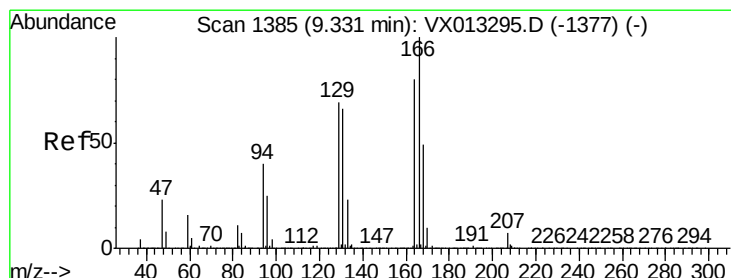
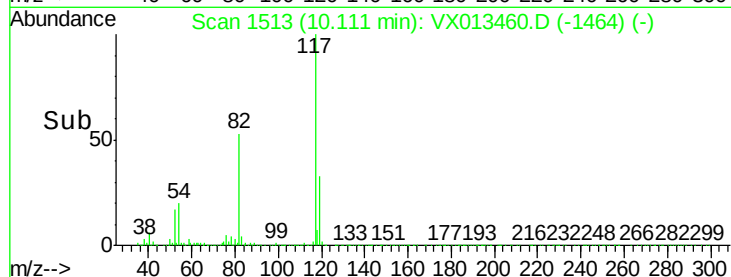
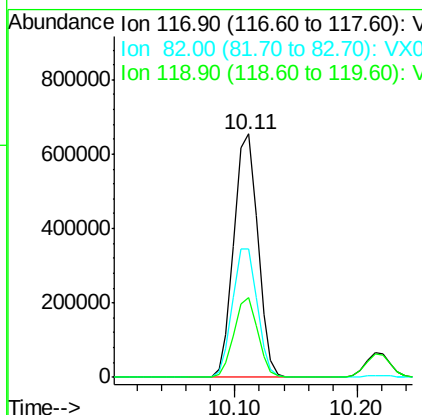
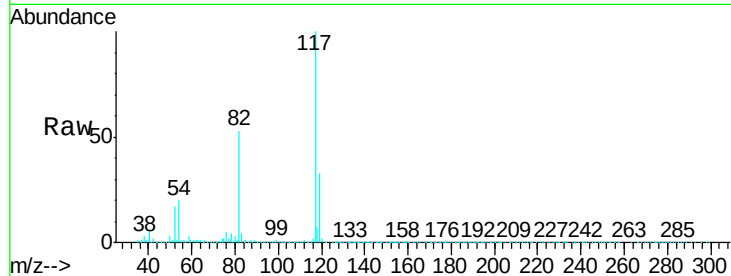




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

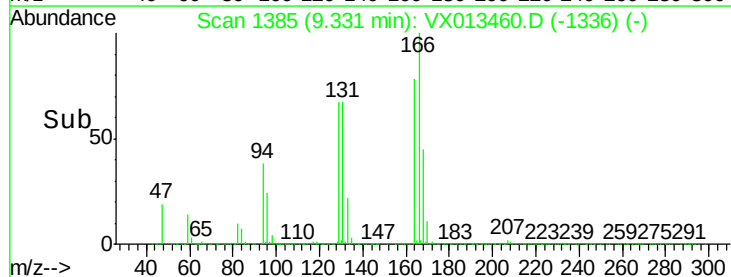
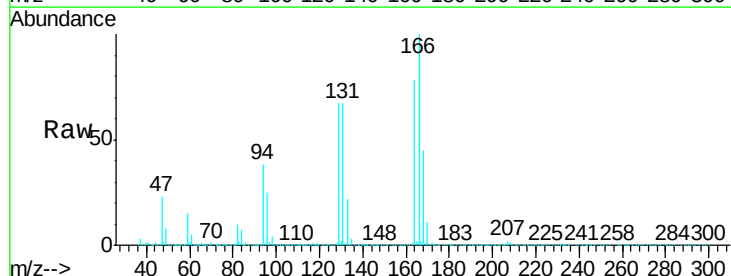
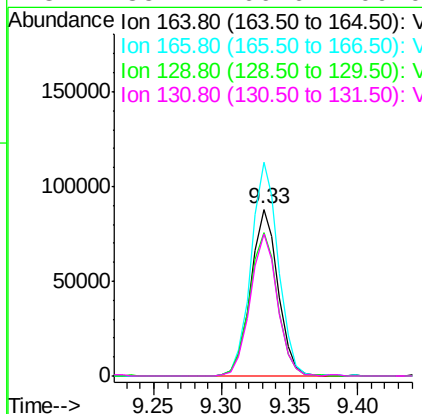
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

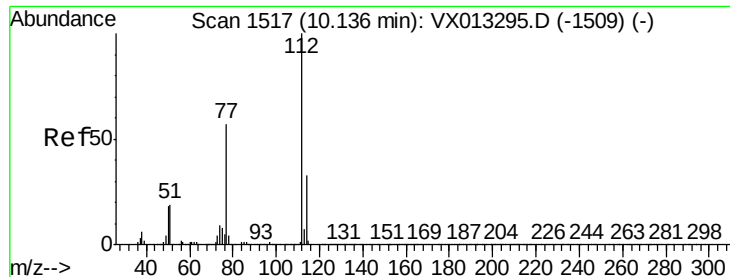
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	64.0
119	32.7	24.8	37.2



#64
Tetrachloroethene
Concen: 19.511 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	100.4	150.6
129	86.3	69.4	104.2
131	85.4	66.6	100.0





#65

Chlorobenzene

Concen: 19.900 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

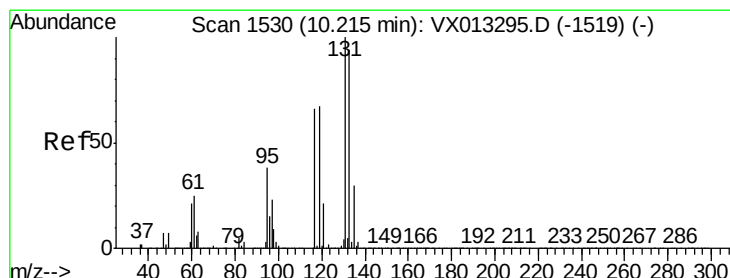
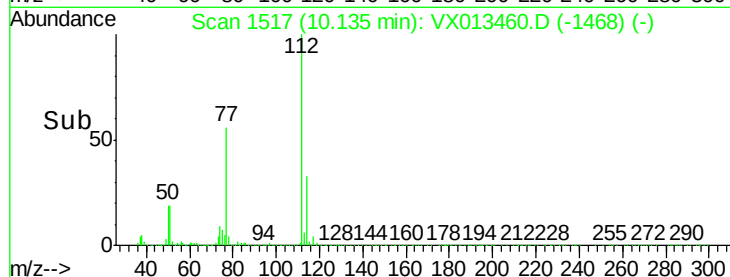
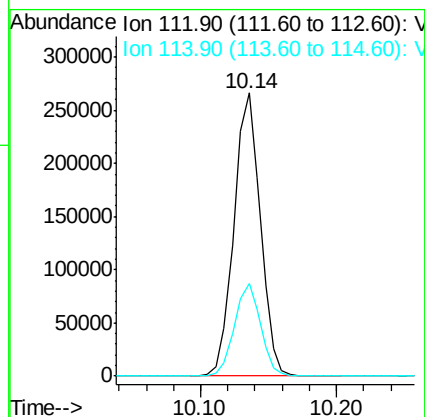
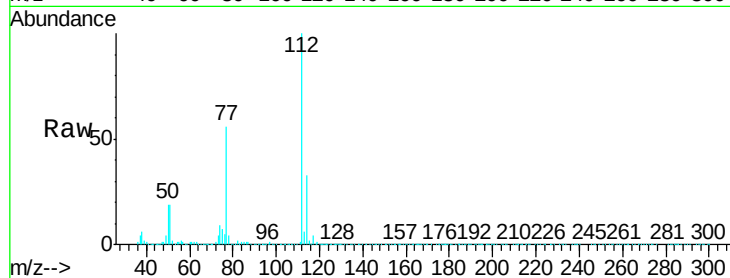
VX1119WBS01

Tgt Ion:112 Resp: 359031

Ion Ratio Lower Upper

112 100

114 32.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.200 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

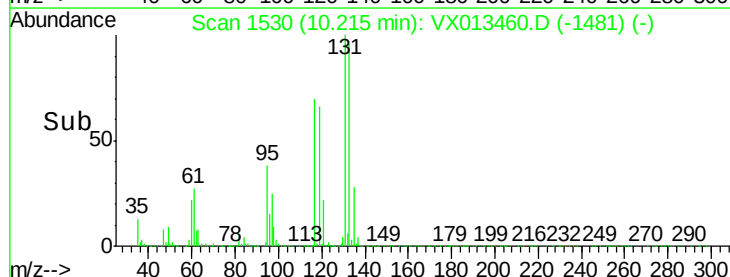
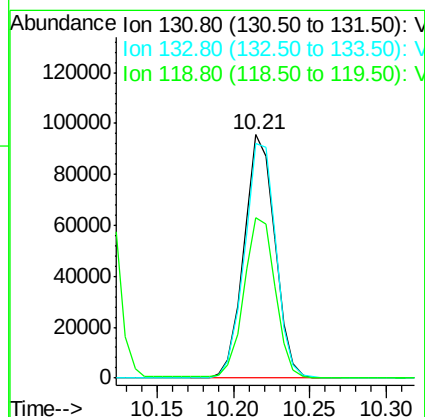
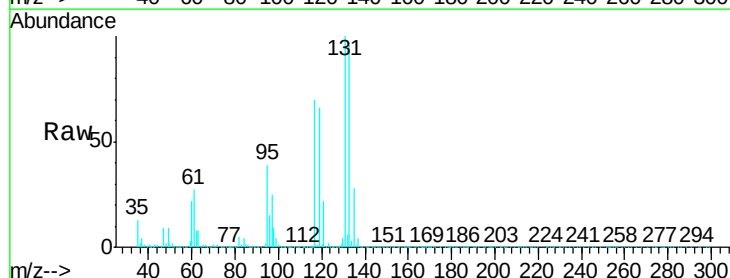
Tgt Ion:131 Resp: 133816

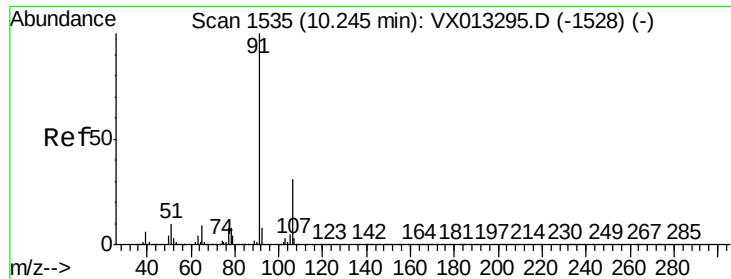
Ion Ratio Lower Upper

131 100

133 98.0 48.0 144.0

119 66.4 33.0 99.0





#67

Ethyl Benzene

Concen: 20.302 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

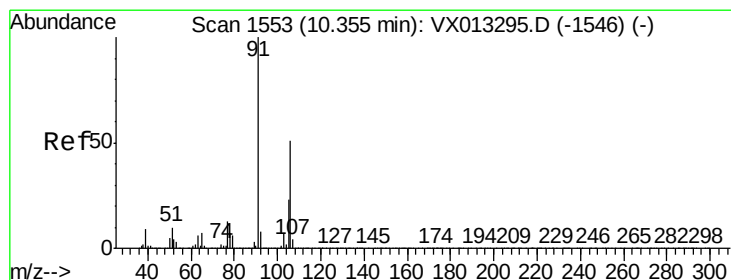
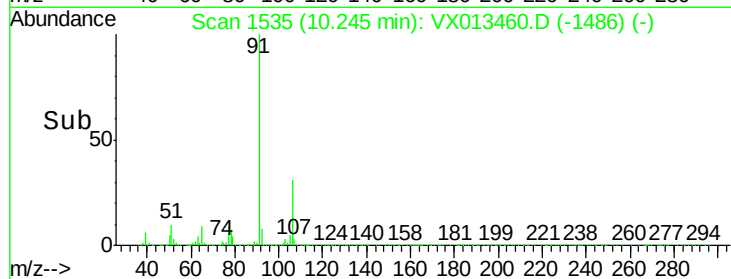
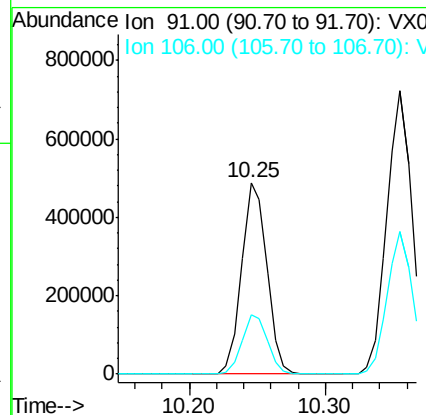
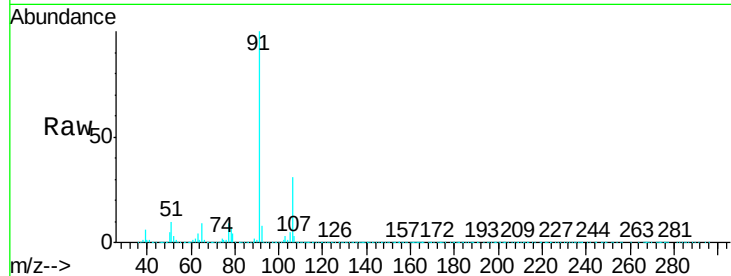
VX1119WBS01

Tgt Ion: 91 Resp: 632171

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 40.225 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013460.D

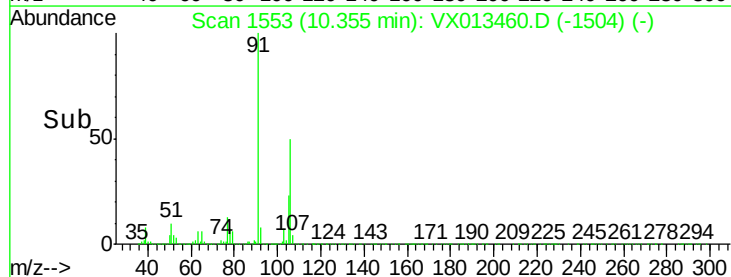
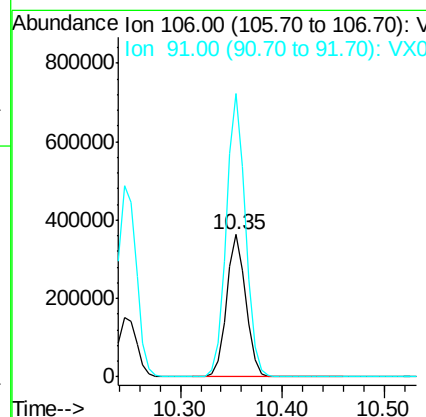
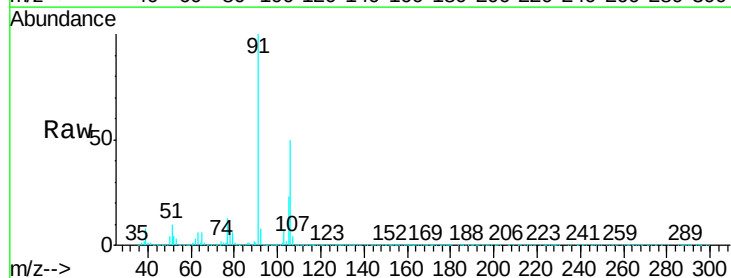
Acq: 19 Nov 2019 12:44

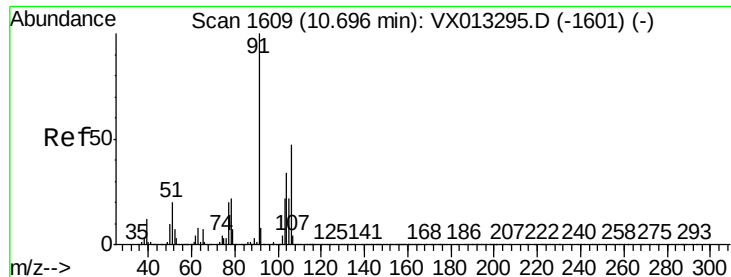
Tgt Ion: 106 Resp: 473698

Ion Ratio Lower Upper

106 100

91 199.2 159.3 238.9

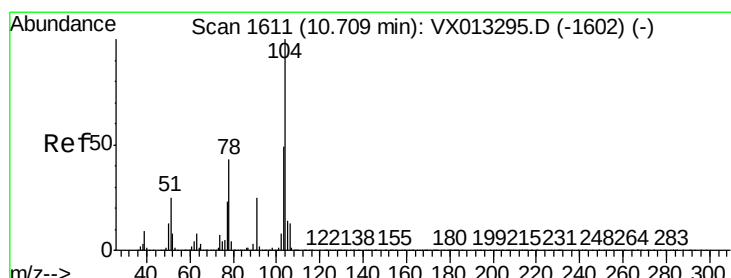
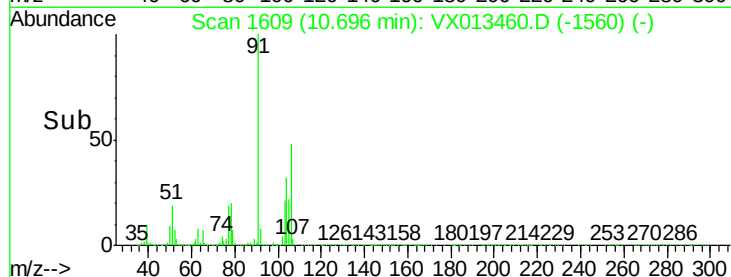
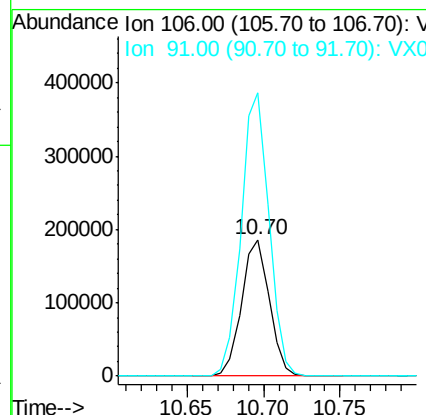
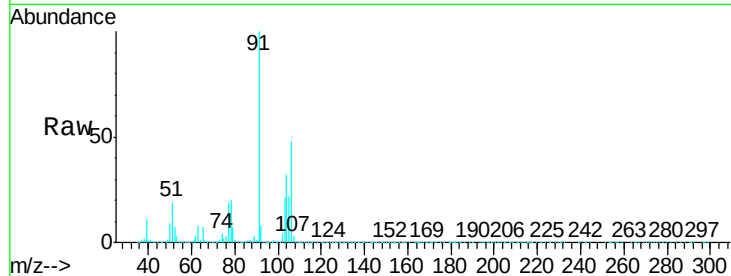




#69
o-Xylene
Concen: 20.225 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

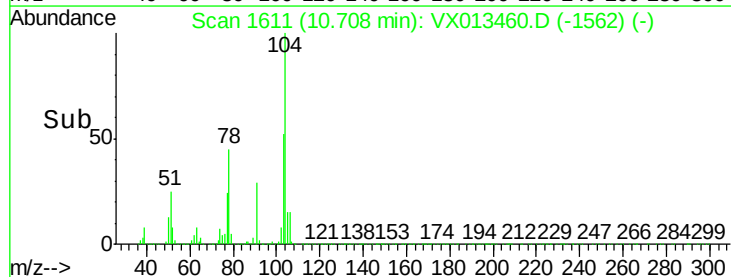
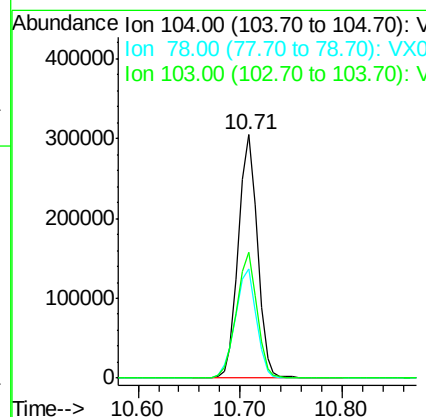
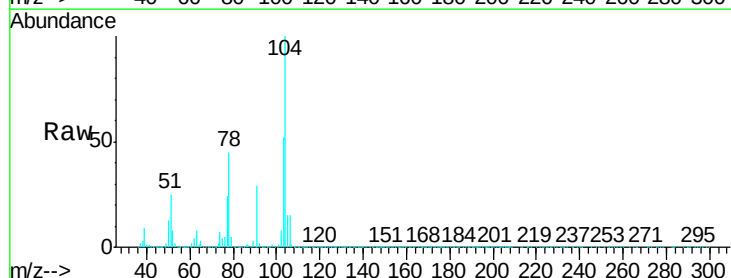
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

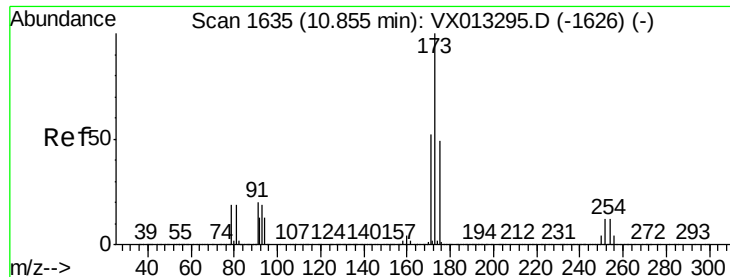
Tgt Ion:106 Resp: 233186
Ion Ratio Lower Upper
106 100
91 208.2 105.7 317.0



#70
Styrene
Concen: 20.339 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion:104 Resp: 391994
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.4 44.1 66.1





#71

Bromoform

Concen: 20.033 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

VX1119WBS01

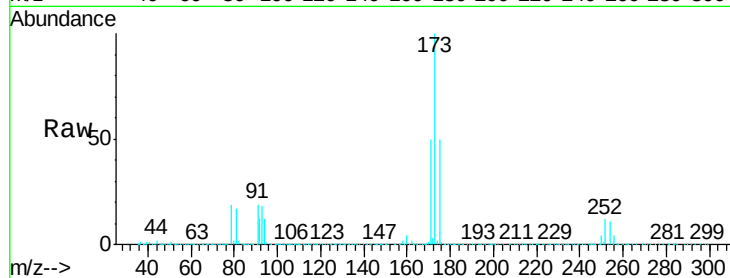
Tgt Ion:173 Resp: 110449

Ion Ratio Lower Upper

173 100

175 49.9 24.8 74.4

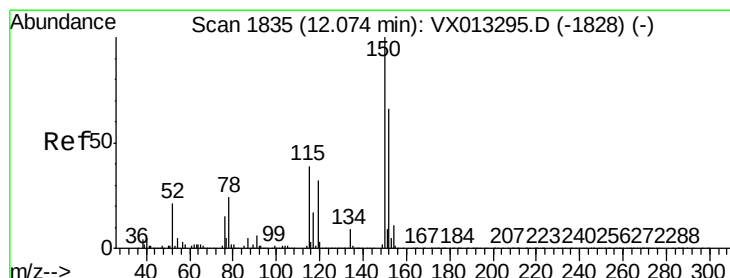
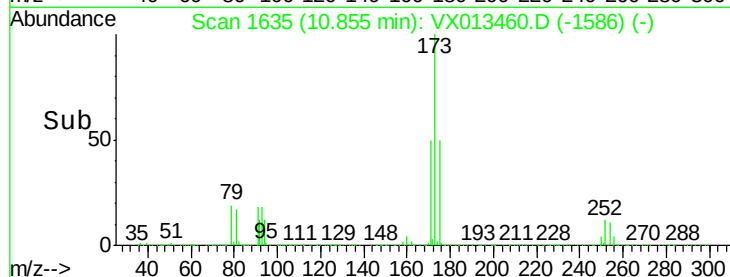
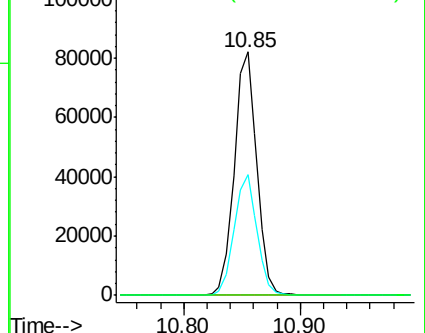
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

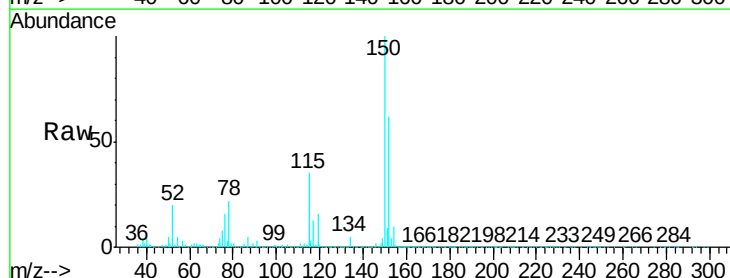
Tgt Ion:152 Resp: 431391

Ion Ratio Lower Upper

152 100

115 64.3 39.5 118.3

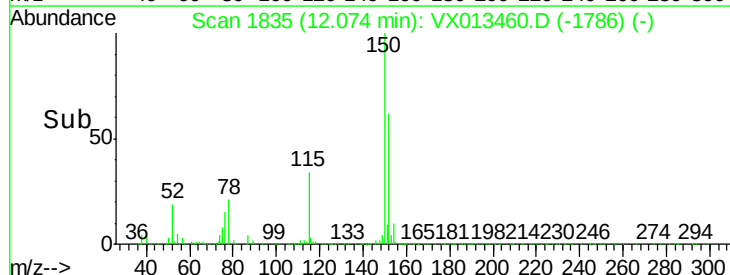
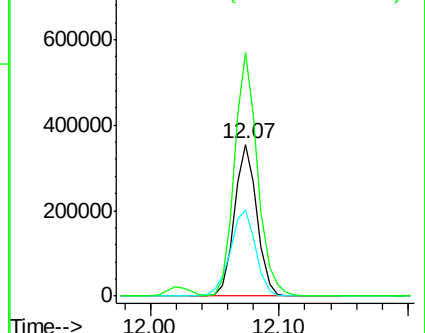
150 164.7 0.0 344.4

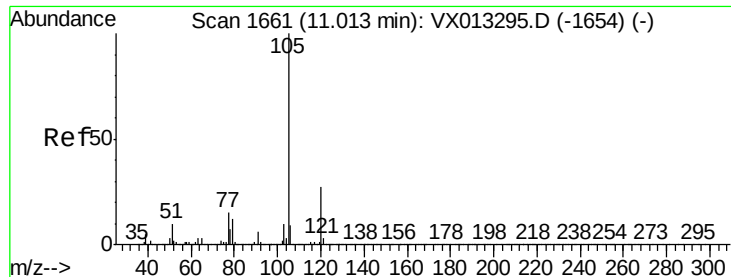


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.803 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

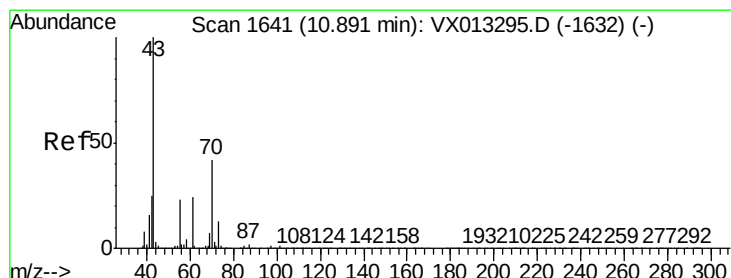
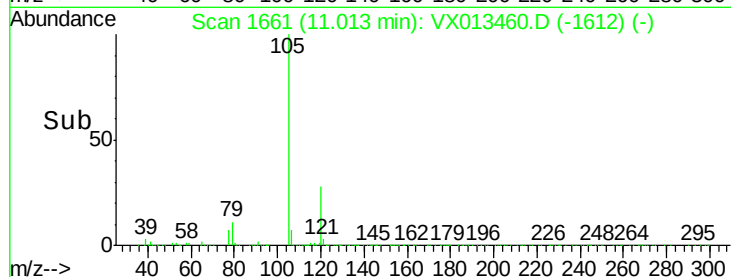
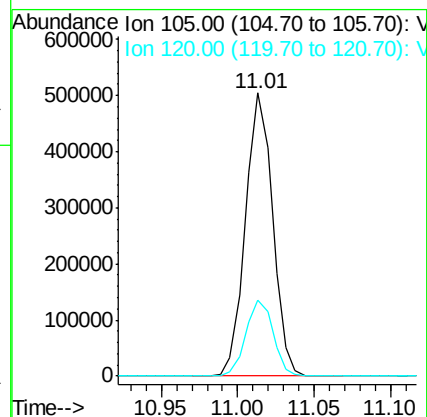
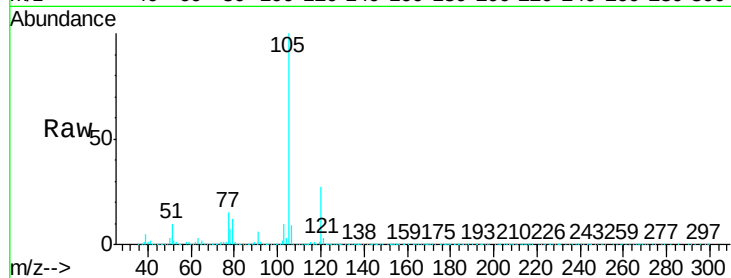
VX1119WBS01

Tgt Ion: 105 Resp: 623602

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 21.851 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion: 43 Resp: 289818

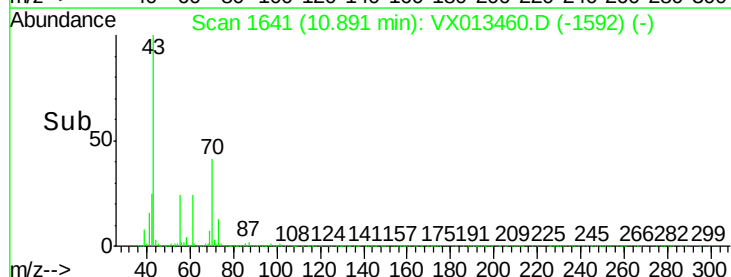
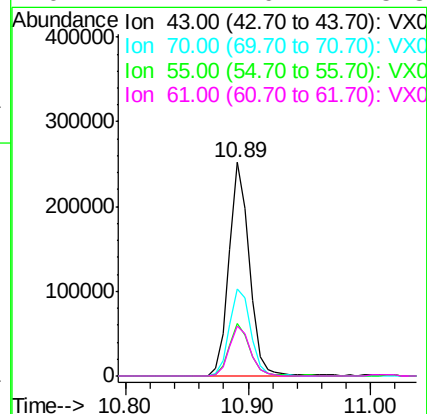
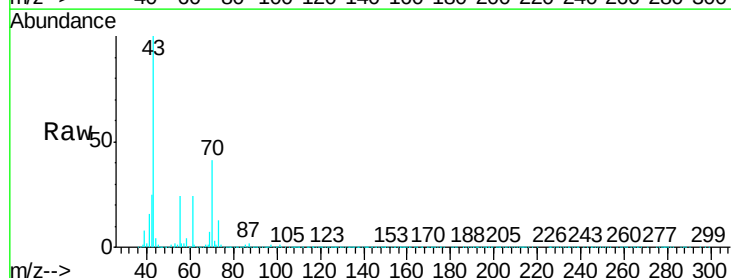
Ion Ratio Lower Upper

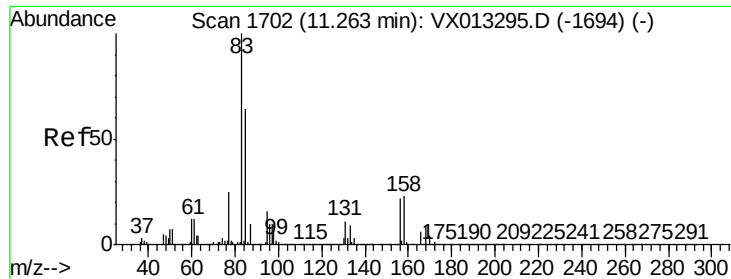
43 100

70 43.0 34.1 51.1

55 24.5 18.9 28.3

61 24.1 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.659 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

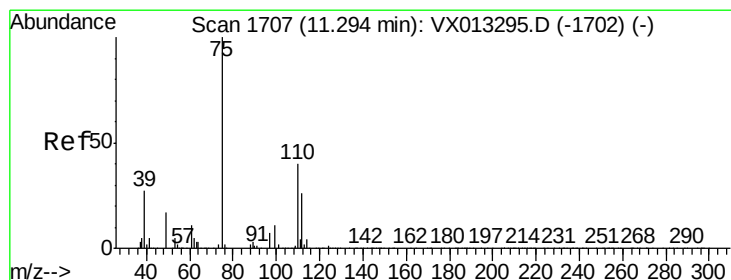
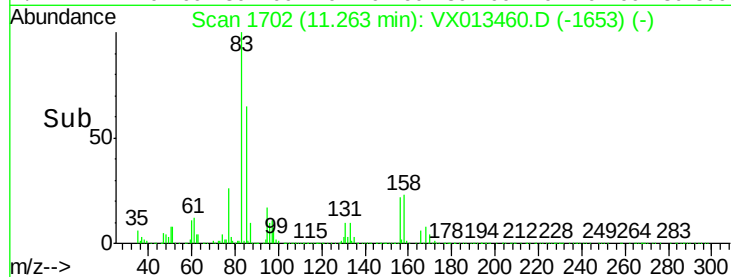
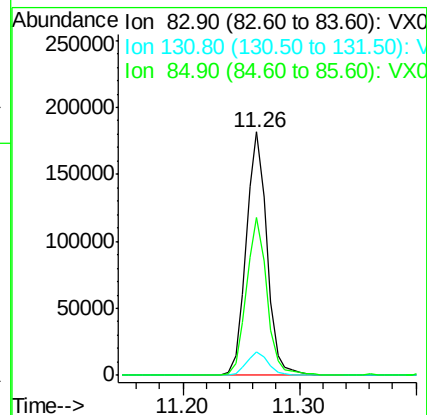
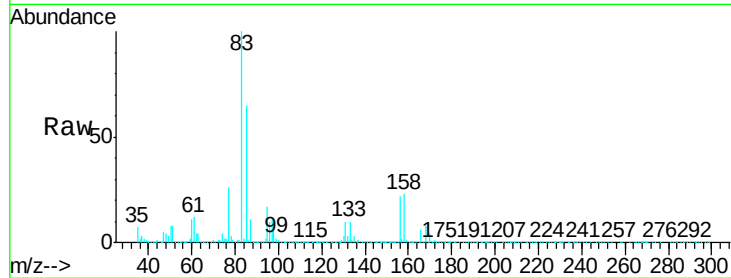
Tgt Ion: 83 Resp: 225997

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 28.385 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013460.D

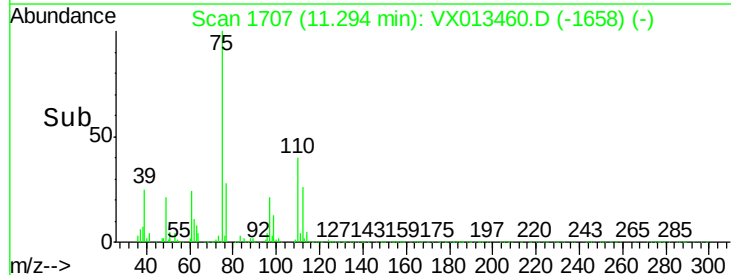
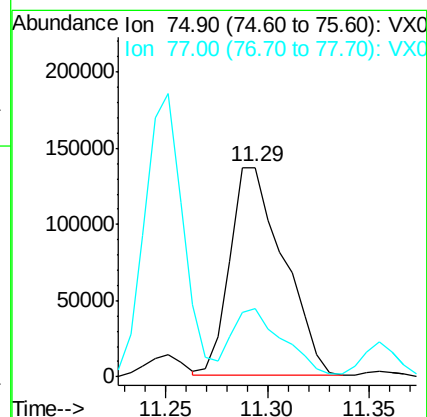
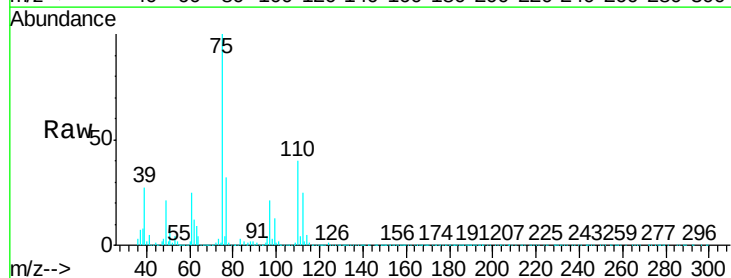
Acq: 19 Nov 2019 12:44

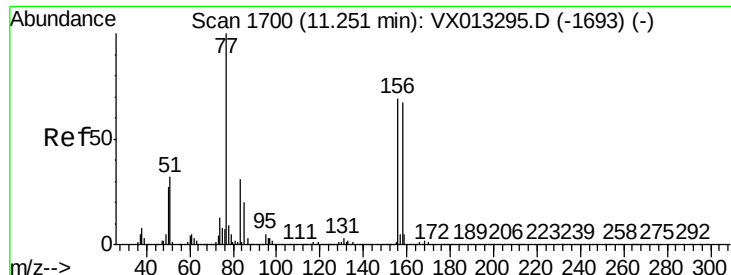
Tgt Ion: 75 Resp: 248717

Ion Ratio Lower Upper

75 100

77 31.0 22.3 66.8





#77

Bromobenzene

Concen: 21.405 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

VX1119WBS01

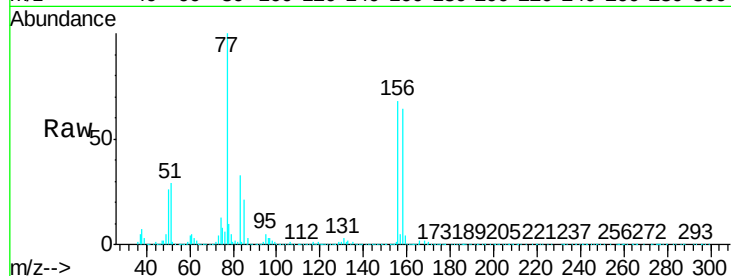
Tgt Ion:156 Resp: 163213

Ion Ratio Lower Upper

156 100

77 150.1 75.8 227.4

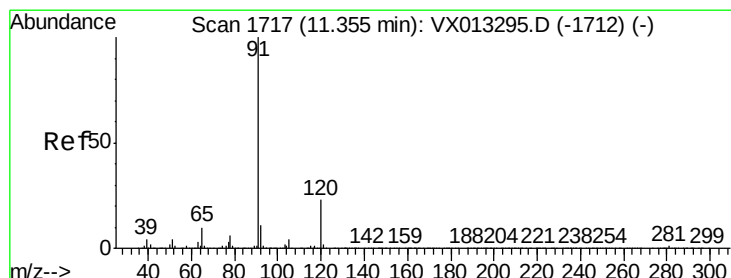
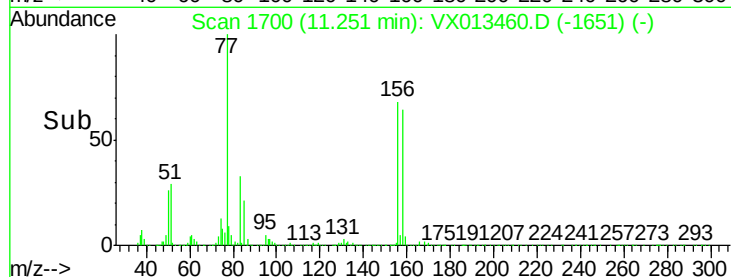
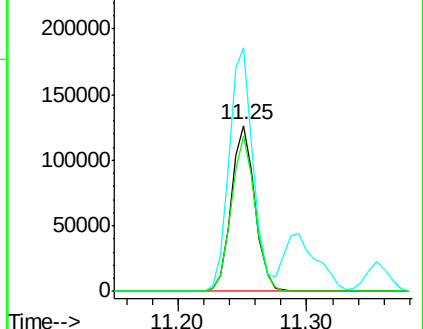
158 94.5 47.6 142.8



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: 21.544 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013460.D

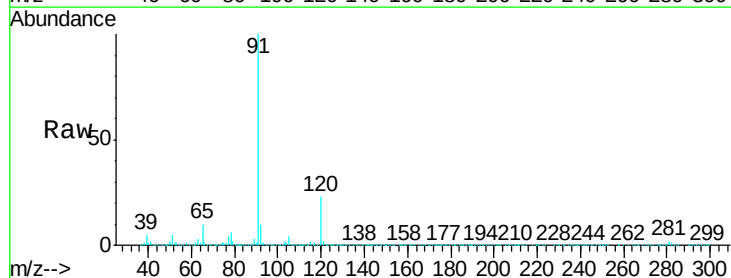
Acq: 19 Nov 2019 12:44

Tgt Ion: 91 Resp: 686396

Ion Ratio Lower Upper

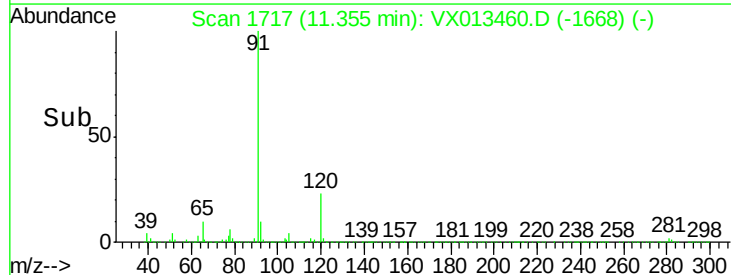
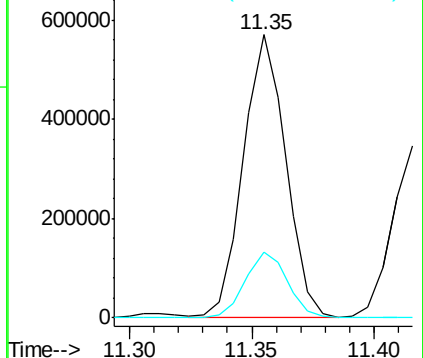
91 100

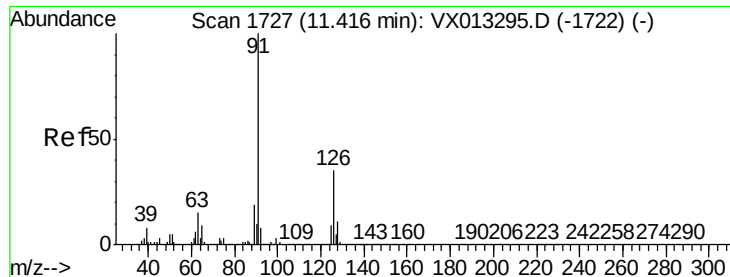
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.607 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

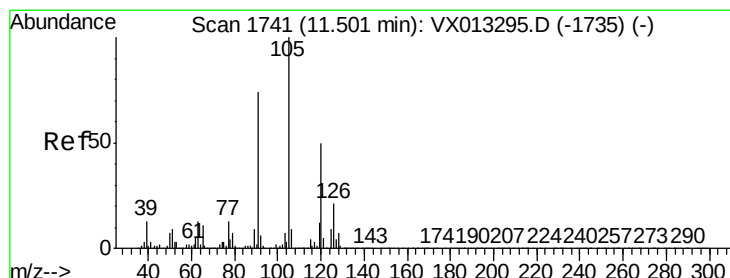
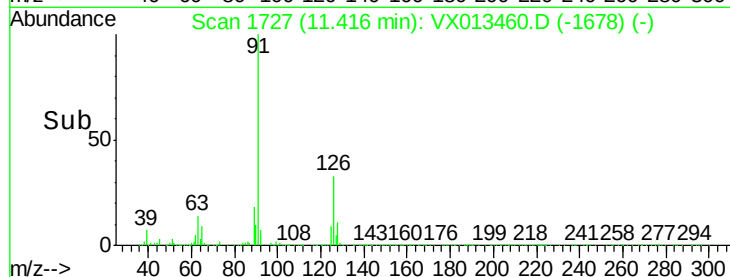
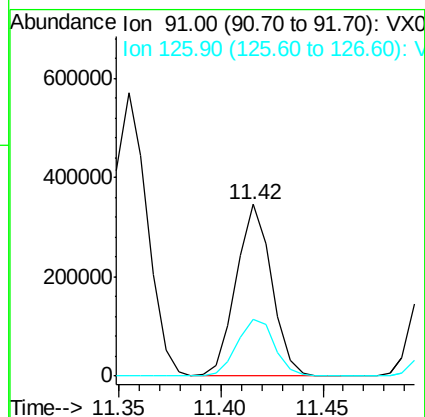
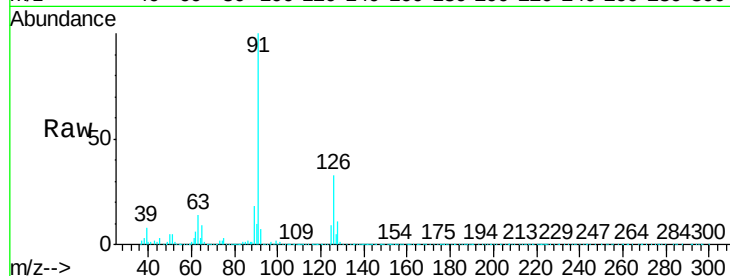
VX1119WBS01

Tgt Ion: 91 Resp: 414763

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 21.571 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013460.D

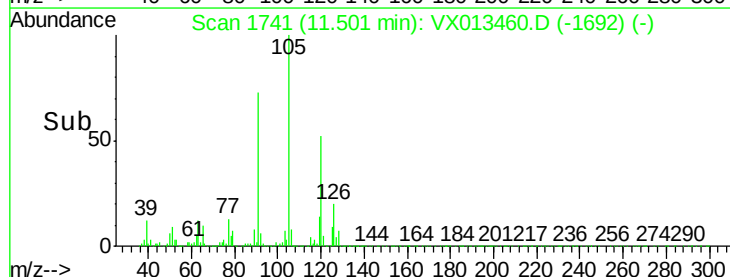
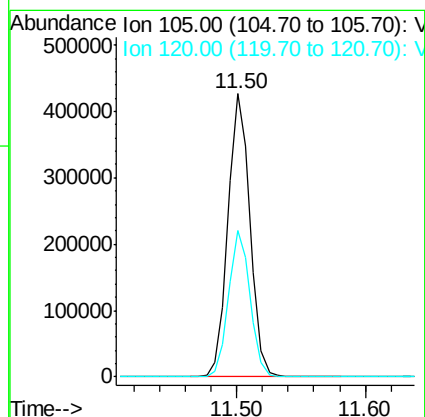
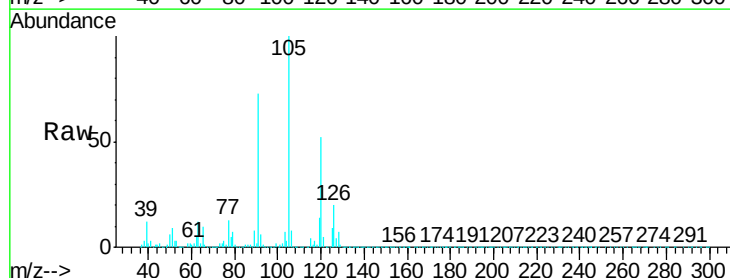
Acq: 19 Nov 2019 12:44

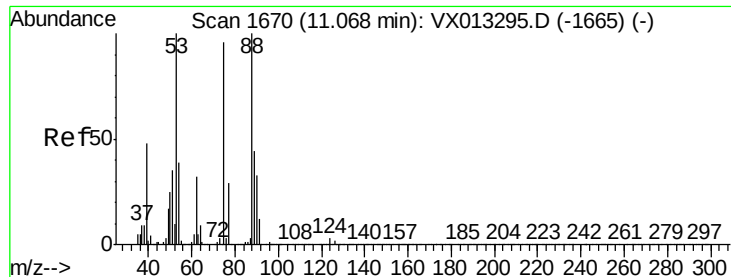
Tgt Ion: 105 Resp: 513913

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.008 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

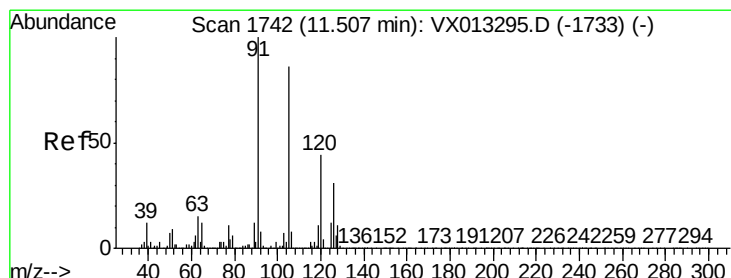
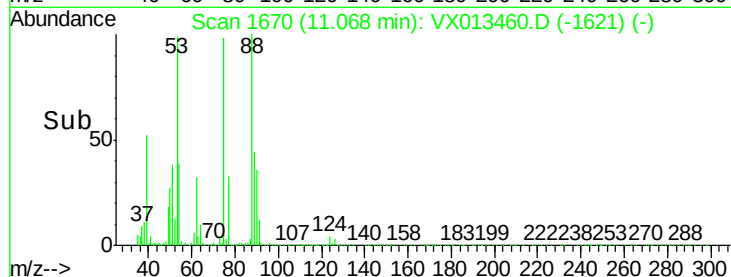
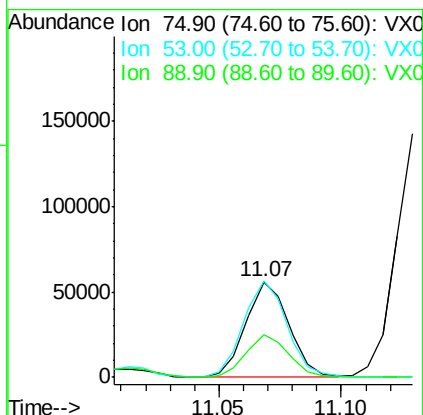
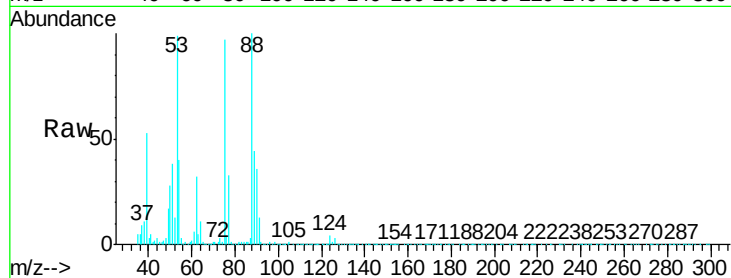
Tgt Ion: 75 Resp: 68110

Ion Ratio Lower Upper

75 100

53 103.3 81.0 121.6

89 46.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.638 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013460.D

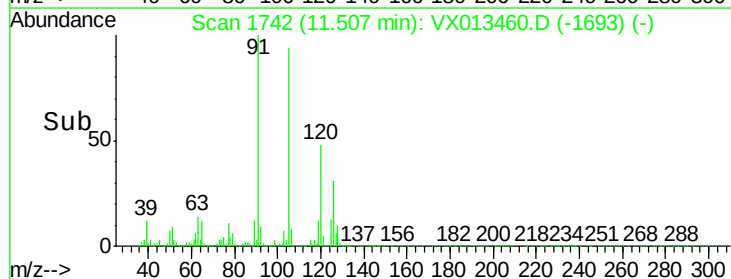
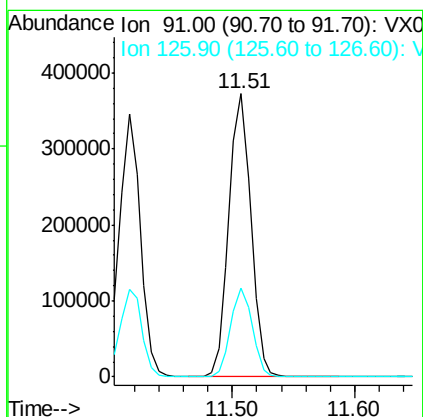
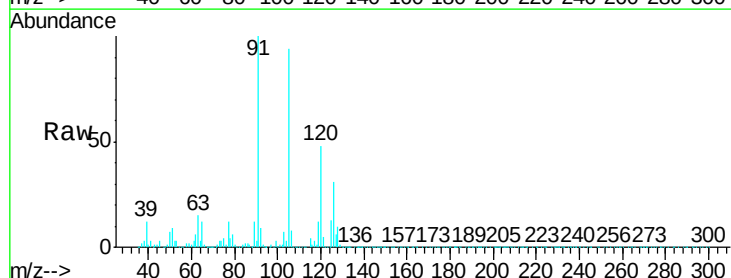
Acq: 19 Nov 2019 12:44

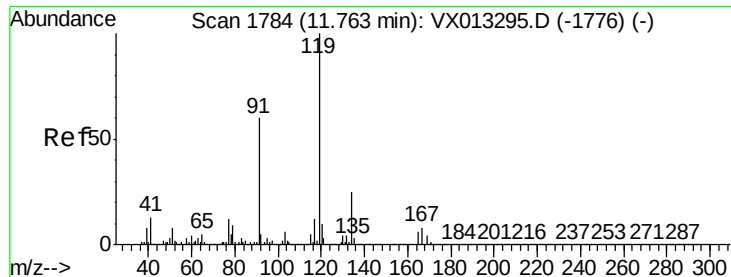
Tgt Ion: 91 Resp: 463752

Ion Ratio Lower Upper

91 100

126 30.5 15.3 45.8

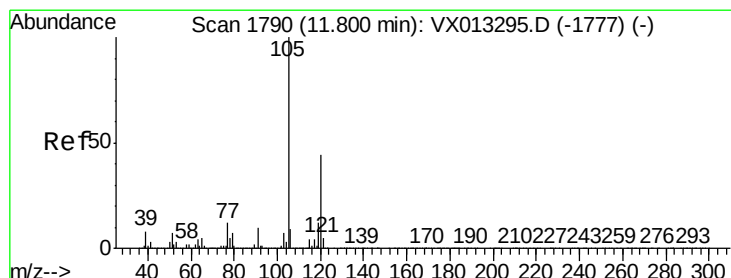
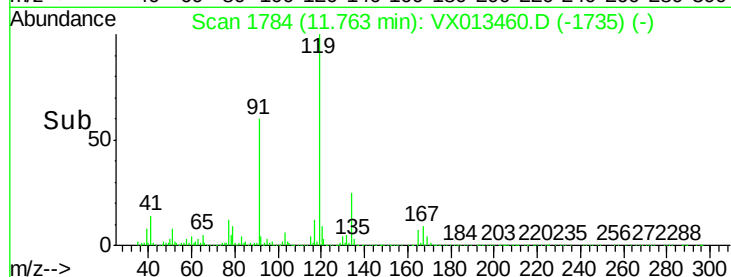
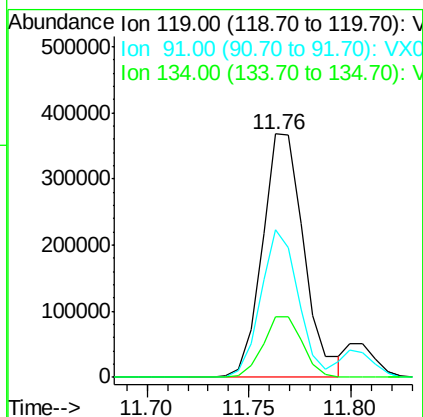
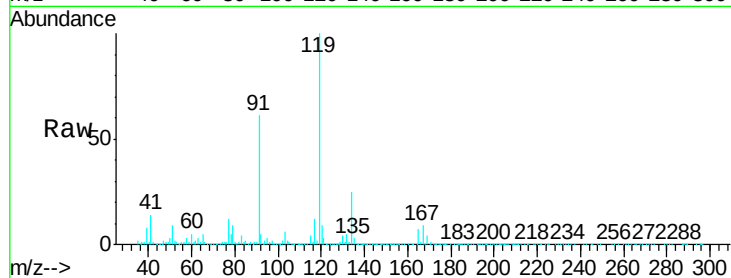




#83
 tert-Butylbenzene
 Concen: 21.796 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

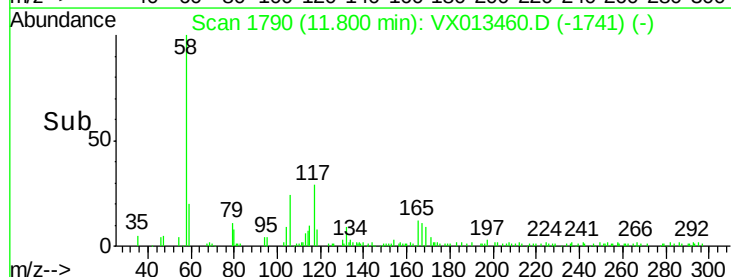
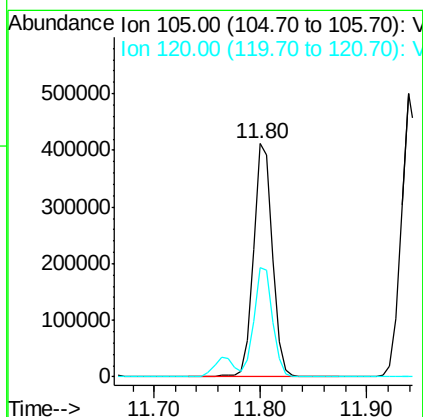
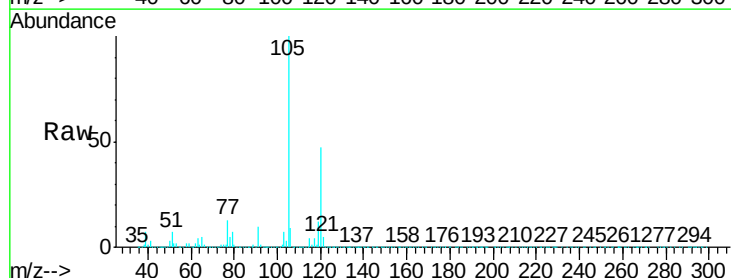
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

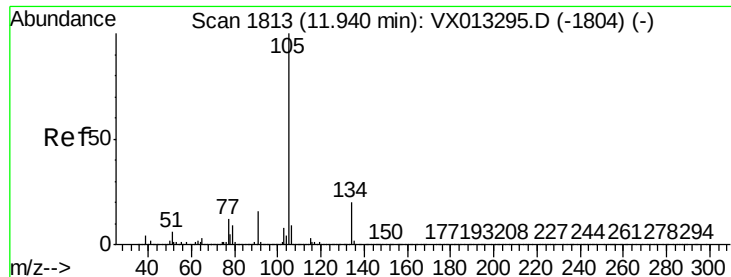
Tgt Ion:119 Resp: 522711
 Ion Ratio Lower Upper
 119 100
 91 54.5 26.9 80.7
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.402 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion:105 Resp: 511472
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.421 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

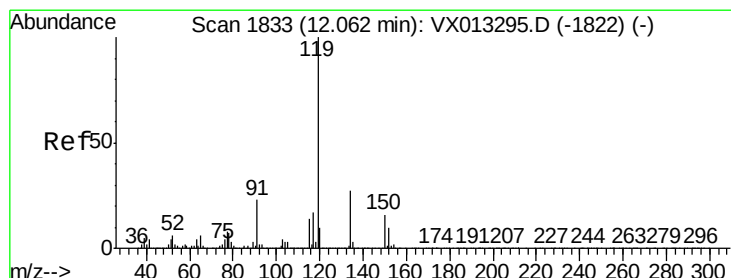
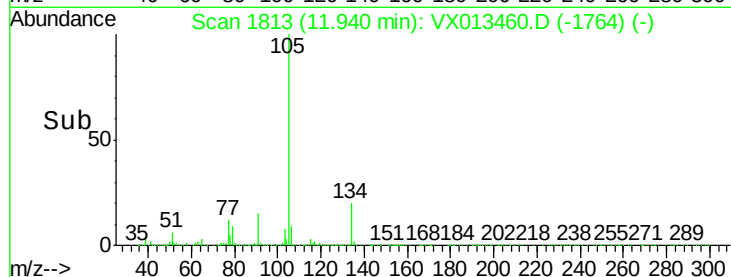
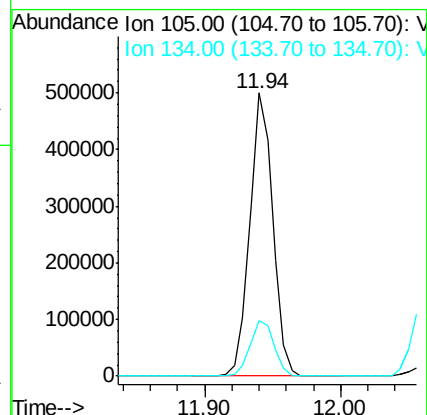
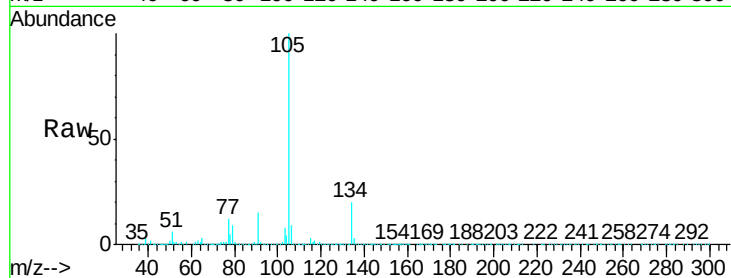
VX1119WBS01

Tgt Ion:105 Resp: 590406

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.990 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

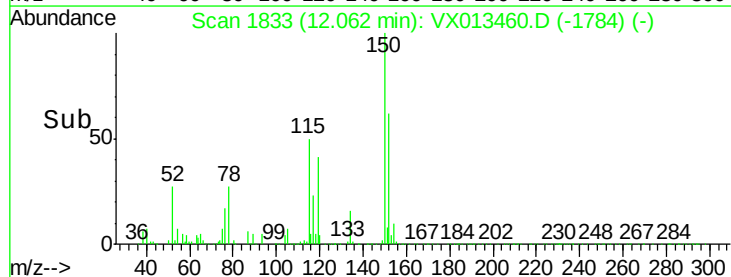
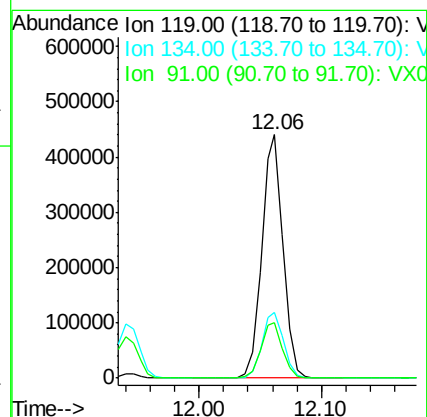
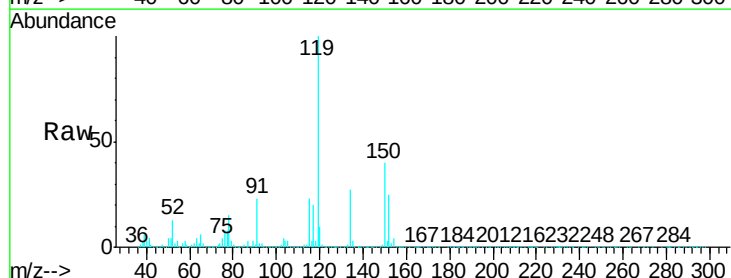
Tgt Ion:119 Resp: 532743

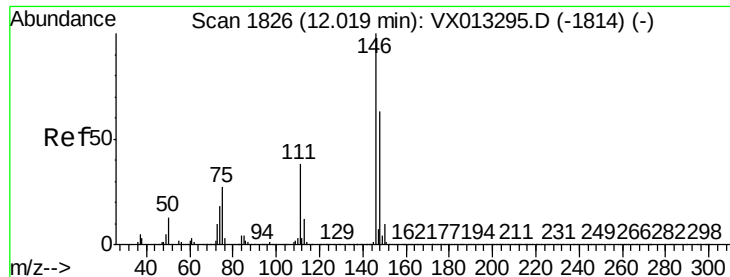
Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.8

91 23.3 11.5 34.4

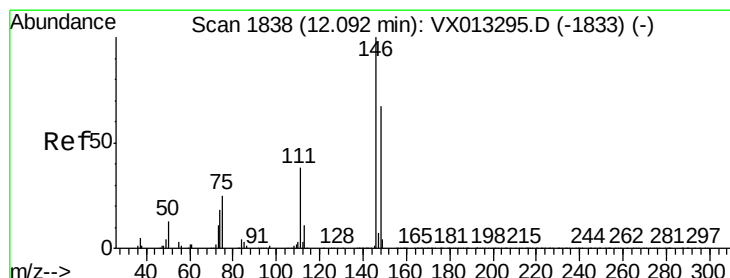
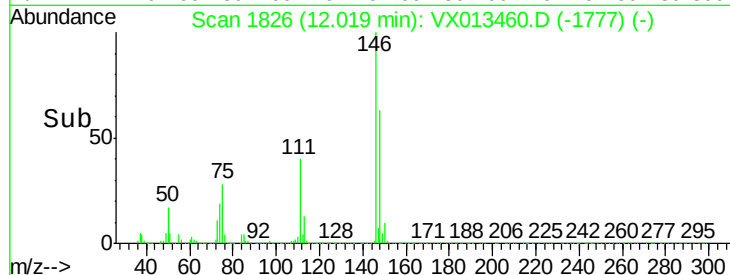
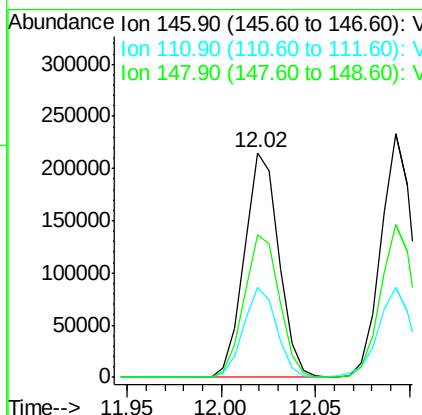
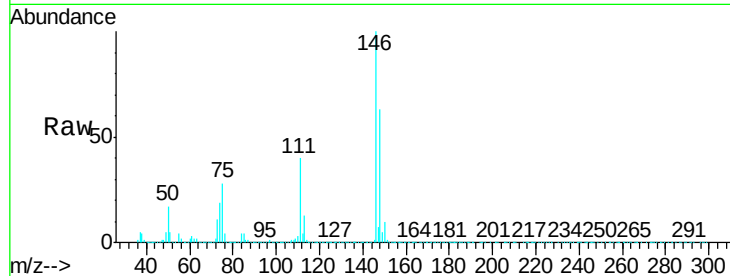




#87
 1,3-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

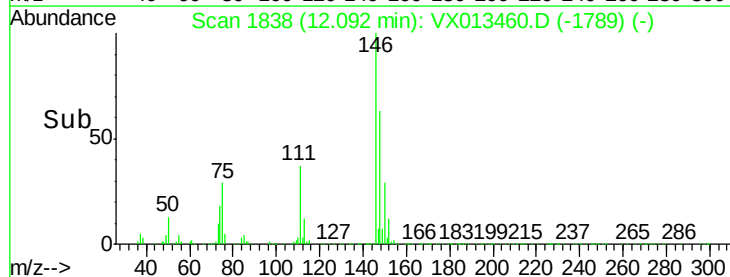
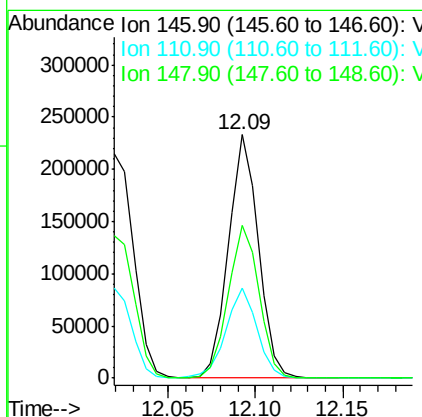
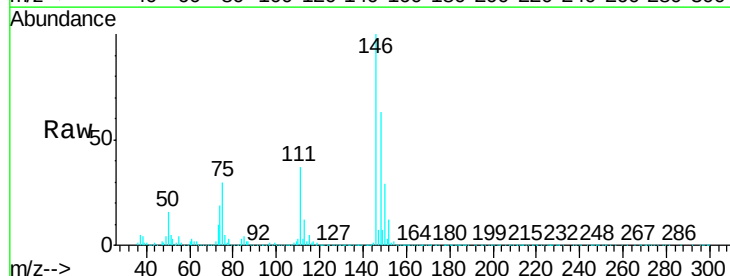
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

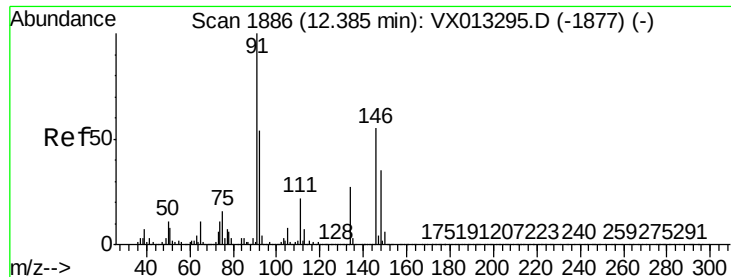
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.041 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.8	56.4
148	64.7	32.4	97.0

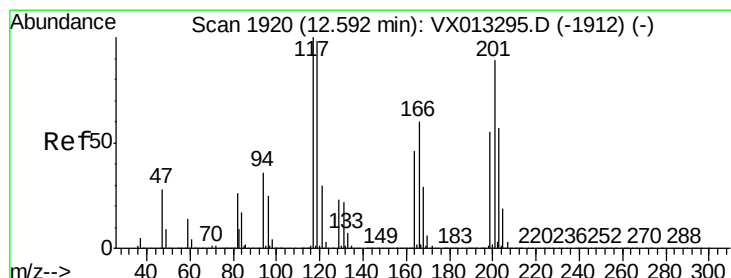
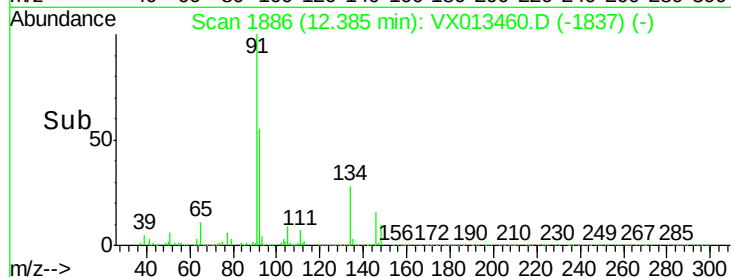
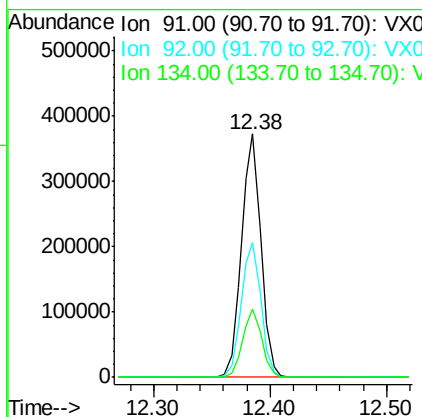
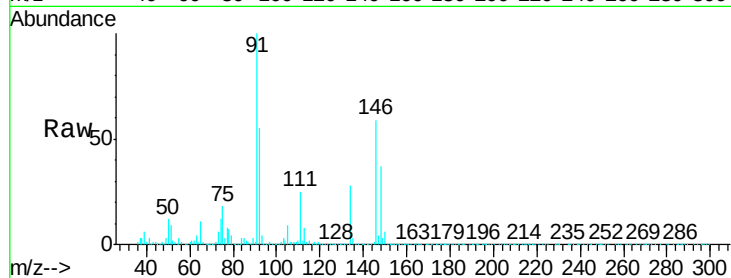




#89
n-Butylbenzene
Concen: 19.651 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

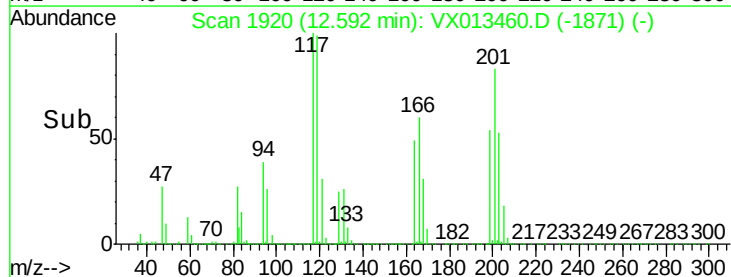
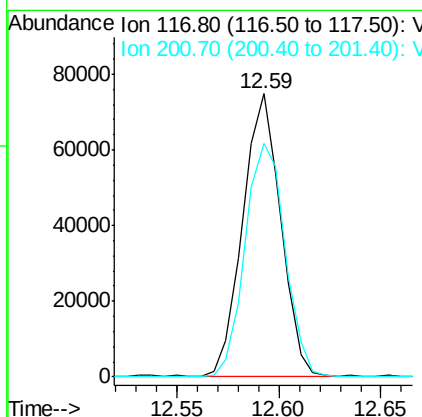
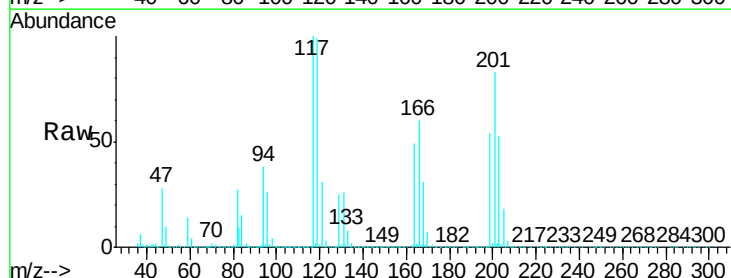
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

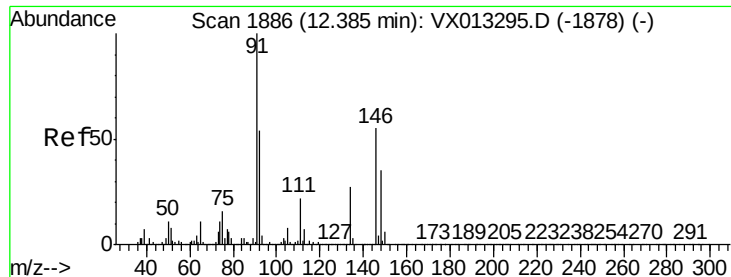
Tgt Ion: 91 Resp: 435200
Ion Ratio Lower Upper
91 100
92 55.8 27.3 81.8
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 21.324 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 117 Resp: 96426
Ion Ratio Lower Upper
117 100
201 87.5 43.9 131.7

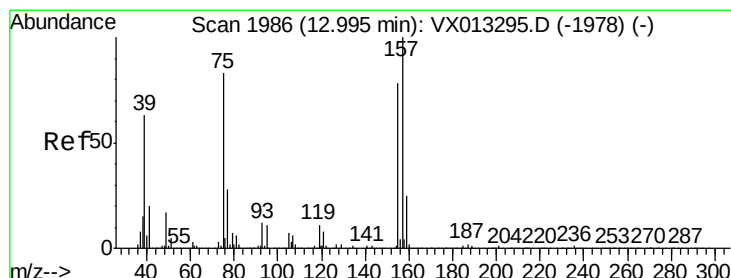
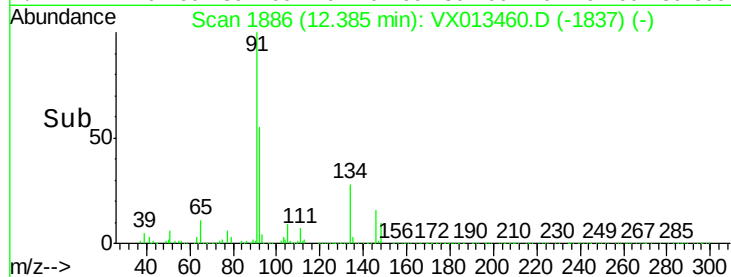
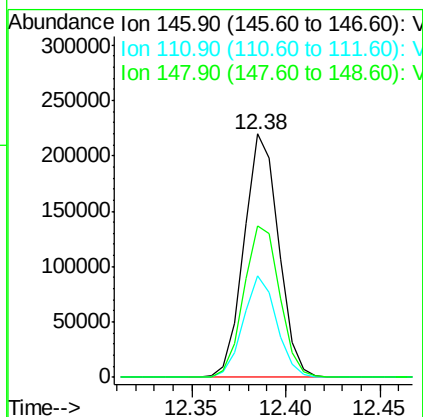
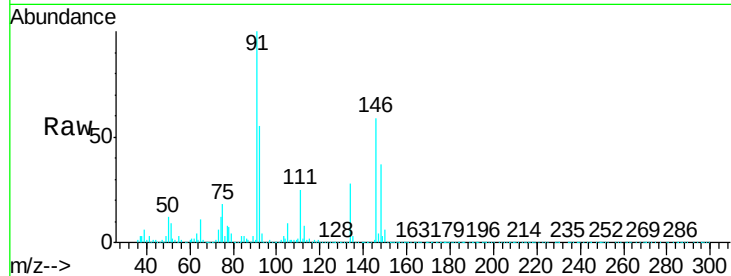




#91
 1,2-Dichlorobenzene
 Concen: 20.554 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

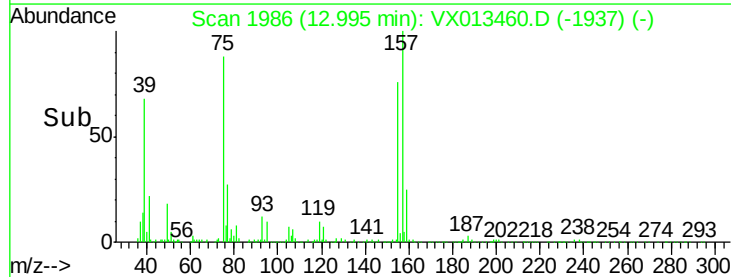
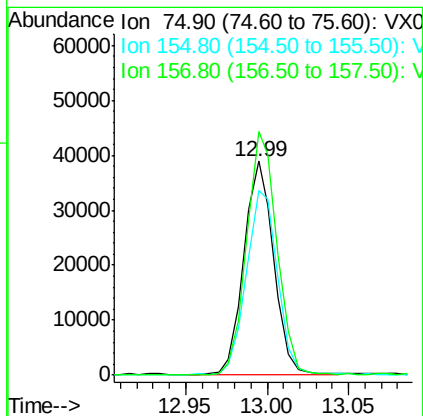
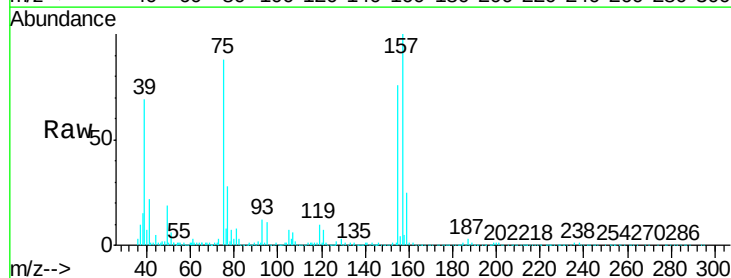
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

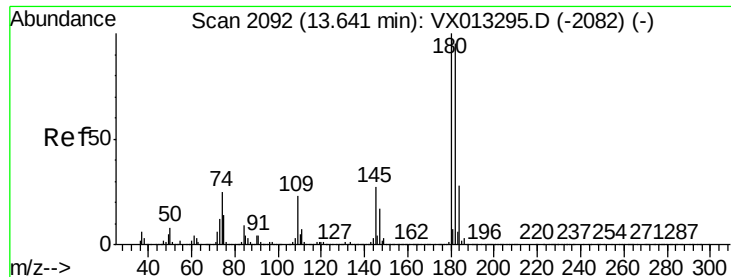
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.287 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	47.1	141.4
157	117.5	61.3	183.8

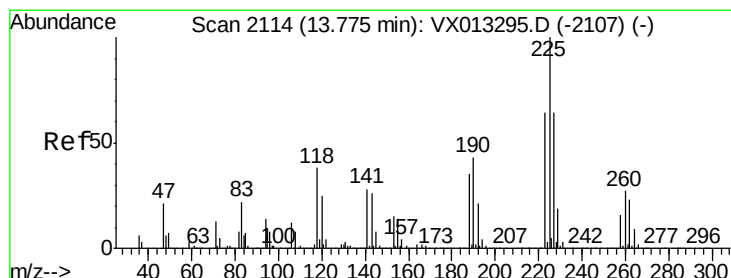
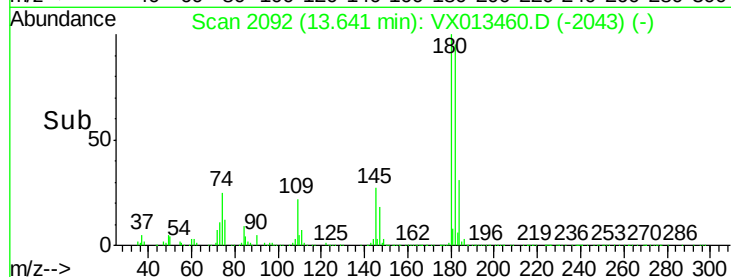
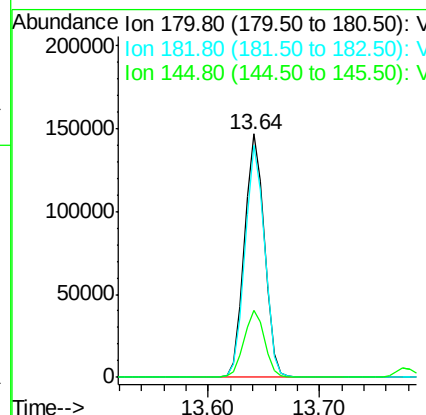
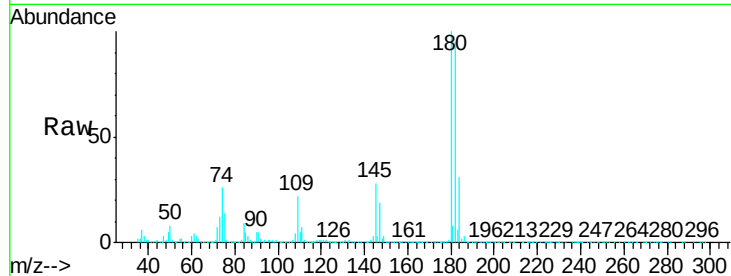




#93
 1,2,4-Trichlorobenzene
 Concen: 19.263 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

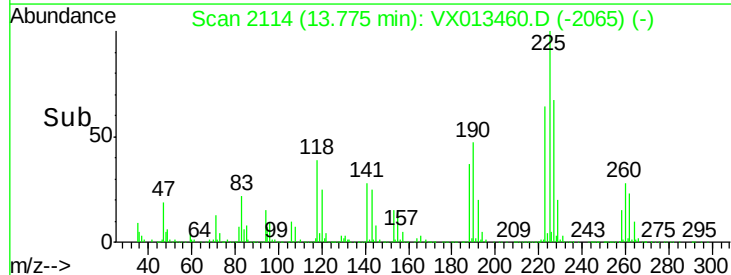
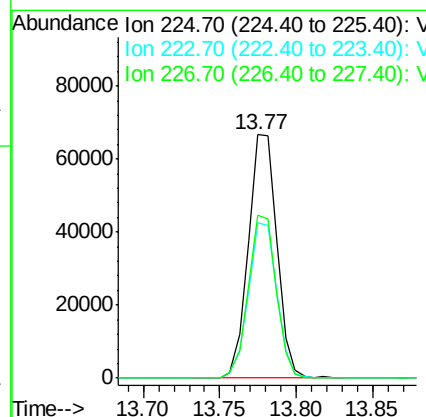
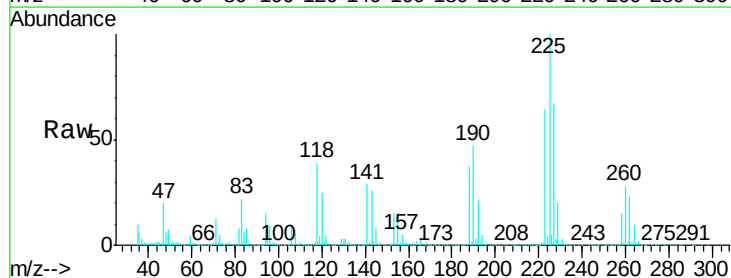
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

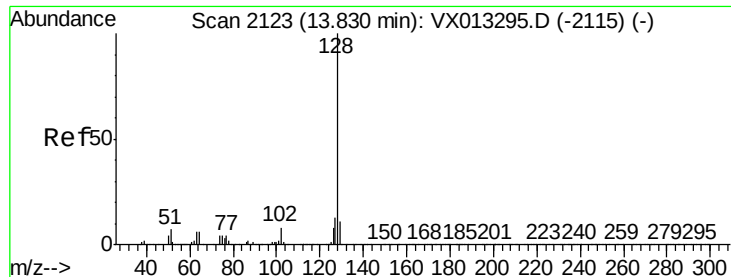
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.4	145.0
145	28.4	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 18.670 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.7
227	65.6	31.9	95.9





#95

Naphthalene

Concen: 19.241 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

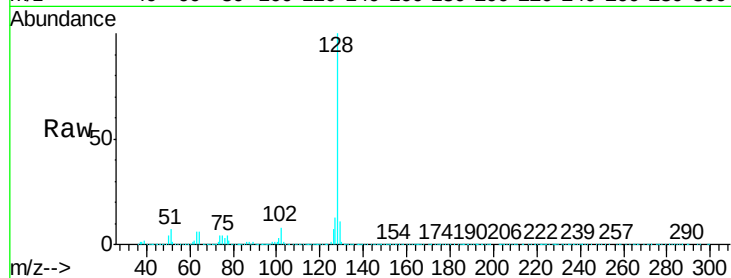
Tgt Ion:128 Resp: 572102

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

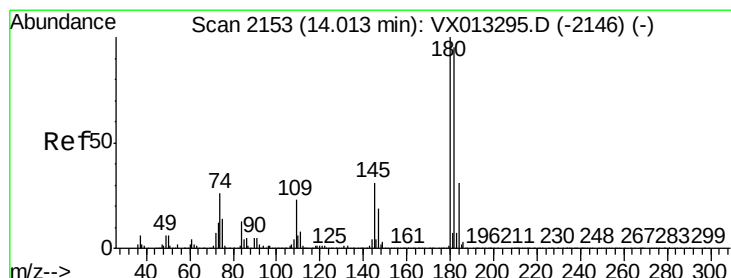
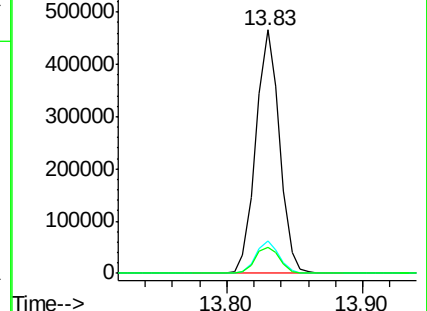
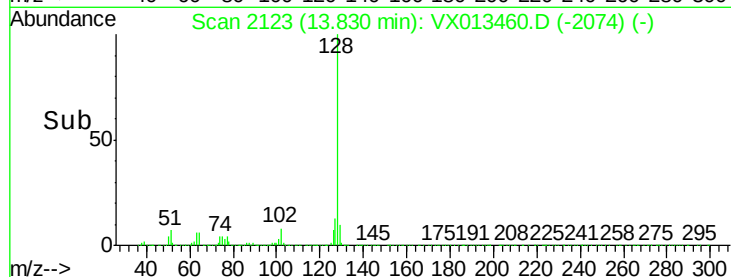
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.876 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

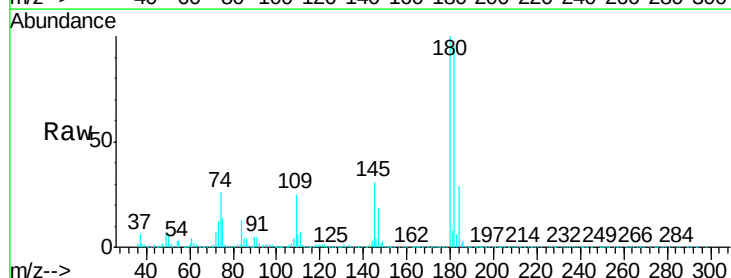
Tgt Ion:180 Resp: 188907

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 29.4 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

