

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013436.D
 Acq On : 15 Nov 2019 11:10
 Operator : JC/SP
 Sample : VX1115WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

Quant Time: Nov 15 22:58:46 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	688663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1036531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	928892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	407628	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	5.48	113	338052	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
50) Toluene-d8	8.71	98	1311115	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.13	95	466020	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	154689	19.495	ug/l	96
3) Chloromethane	1.31	50	168019	19.526	ug/l	99
4) Vinyl Chloride	1.40	62	195031	19.909	ug/l	99
5) Bromomethane	1.62	94	116674	17.091	ug/l	98
6) Chloroethane	1.72	64	109090	18.736	ug/l	98
7) Trichlorofluoromethane	1.92	101	216820	18.734	ug/l	98
8) Diethyl Ether	2.17	74	102662	20.059	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140635	21.801	ug/l	95
10) Methyl Iodide	2.50	142	154321	19.323	ug/l	98
11) Tert butyl alcohol	3.03	59	186972	86.949	ug/l	98
12) 1,1-Dichloroethene	2.36	96	129726	20.536	ug/l	98
13) Acrolein	2.28	56	117648	100.947	ug/l	98
14) Allyl chloride	2.72	41	241424	21.034	ug/l	95
15) Acrylonitrile	3.12	53	427702	106.478	ug/l	98
16) Acetone	2.43	43	397942	97.789	ug/l	100
17) Carbon Disulfide	2.56	76	328478	19.428	ug/l	100
18) Methyl Acetate	2.76	43	240341	21.393	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	448351	21.280	ug/l	97
20) Methylene Chloride	2.84	84	152150	20.236	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	140842	20.477	ug/l	100
22) Diisopropyl ether	3.84	45	490084	22.117	ug/l	93
23) Vinyl Acetate	3.80	43	1991306	105.019	ug/l	99
24) 1,1-Dichloroethane	3.69	63	263980	21.296	ug/l	99
25) 2-Butanone	4.65	43	606249	101.551	ug/l	99
26) 2,2-Dichloropropane	4.57	77	215620	21.865	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	167710	21.767	ug/l	99
28) Bromochloromethane	5.00	49	78883	22.412	ug/l	95
29) Tetrahydrofuran	5.11	42	381333	103.654	ug/l	99
30) Chloroform	5.19	83	264773	21.631	ug/l	99
31) Cyclohexane	5.56	56	233131	20.901	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	214382	20.352	ug/l	99
36) 1,1-Dichloropropene	5.79	75	194631	21.888	ug/l	98
37) Ethyl Acetate	4.81	43	226773	20.639	ug/l	99
38) Carbon Tetrachloride	5.78	117	182372	20.973	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX1115WBS01

Quant Time: Nov 15 22:58:46 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	7.45	83	234748	21.187	ug/l	96
40) Benzene	6.13	78	591148	21.342	ug/l	99
41) Methacrylonitrile	5.03	41	129173	20.974	ug/l	97
42) 1,2-Dichloroethane	6.19	62	207799	20.798	ug/l	98
43) Isopropyl Acetate	6.43	43	362607	21.193	ug/l	99
44) Trichloroethene	7.20	130	158678	20.812	ug/l	99
45) 1,2-Dichloropropane	7.51	63	153567	21.759	ug/l	97
46) Dibromomethane	7.65	93	99294	20.606	ug/l	98
47) Bromodichloromethane	7.89	83	195725	21.540	ug/l	99
48) Methyl methacrylate	7.76	41	180062	21.082	ug/l	99
49) 1,4-Dioxane	7.73	88	76431	390.762	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1175803	104.744	ug/l	99
52) Toluene	8.78	92	376401	21.925	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	214849	21.623	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	241439	21.723	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	153243	21.536	ug/l	99
56) Ethyl methacrylate	9.17	69	244372	21.050	ug/l	97
57) 1,3-Dichloropropane	9.37	76	261886	21.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	498320	102.421	ug/l	99
59) 2-Hexanone	9.48	43	905133	104.340	ug/l	100
60) Dibromochloromethane	9.57	129	154878	21.282	ug/l	98
61) 1,2-Dibromoethane	9.67	107	158849	21.023	ug/l	98
64) Tetrachloroethene	9.33	164	141939	21.345	ug/l	98
65) Chlorobenzene	10.14	112	407487	21.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	148724	21.539	ug/l	99
67) Ethyl Benzene	10.25	91	708498	21.829	ug/l	99
68) m/p-Xylenes	10.36	106	542161	44.168	ug/l	100
69) o-Xylene	10.70	106	259468	21.591	ug/l	100
70) Styrene	10.71	104	447210	22.262	ug/l	98
71) Bromoform	10.85	173	118247	20.489	ug/l #	28
73) Isopropylbenzene	11.01	105	702540	22.682	ug/l	100
74) N-amyl acetate	10.89	43	316251	22.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	247844	21.934	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	268912	28.341	ug/l	82
77) Bromobenzene	11.25	156	183585	22.234	ug/l	98
78) n-propylbenzene	11.35	91	789156	22.873	ug/l	99
79) 2-Chlorotoluene	11.42	91	471682	22.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	590106	22.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	75766	20.553	ug/l	98
82) 4-Chlorotoluene	11.51	91	538690	22.138	ug/l	99
83) tert-Butylbenzene	11.76	119	595460	22.928	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	585821	22.636	ug/l	99
85) sec-Butylbenzene	11.94	105	686968	23.016	ug/l	100
86) p-Isopropyltoluene	12.06	119	635763	23.132	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323847	22.003	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	324462	21.637	ug/l	99
89) n-Butylbenzene	12.39	91	542512	22.622	ug/l	99
90) Hexachloroethane	12.59	117	109261	22.312	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	325673	22.136	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51251	18.617	ug/l	98

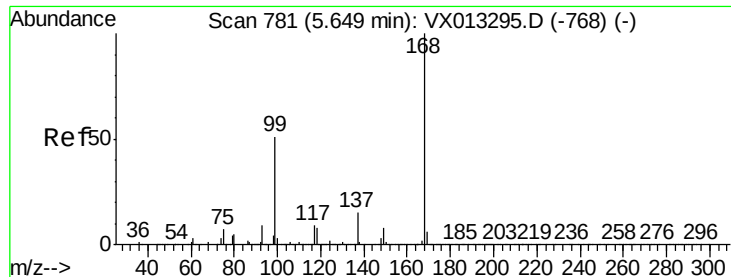
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111519\
Data File : VX013436.D
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Quant Time: Nov 15 22:58:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	221922	21.625	ug/l	100
94) Hexachlorobutadiene	13.78	225	112161	22.339	ug/l	99
95) Naphthalene	13.83	128	674825	20.958	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	223455	21.712	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampled :

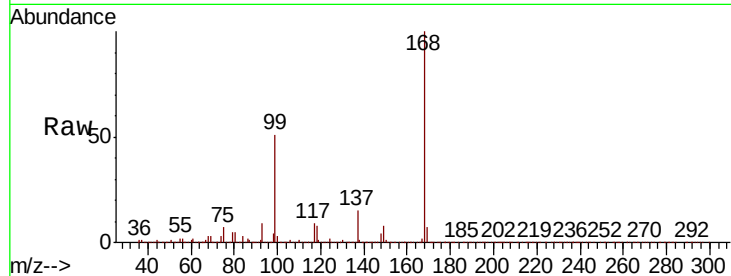
VX1115WBS01

Tot Ion:168 Resp: 688663

Ion Ratio Lower Upper

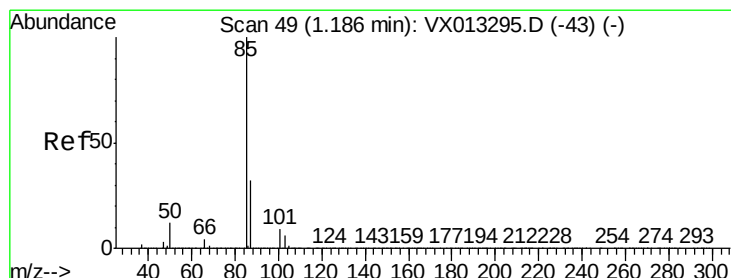
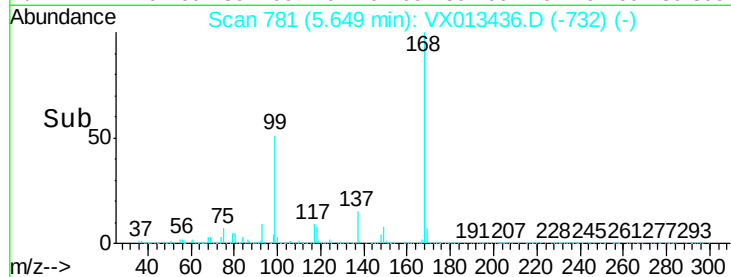
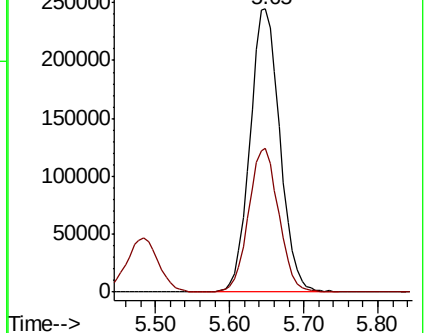
168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.495 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013436.D

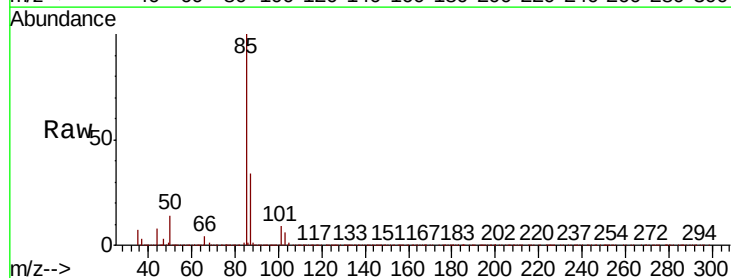
Acq: 15 Nov 2019 11:10

Tgt Ion: 85 Resp: 154689

Ion Ratio Lower Upper

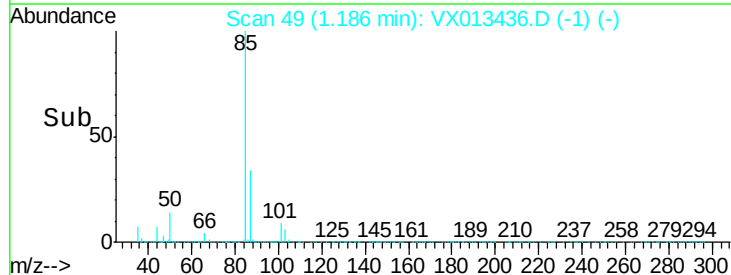
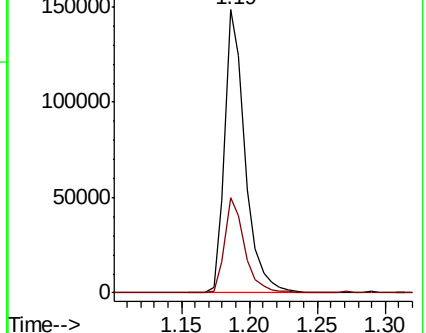
85 100

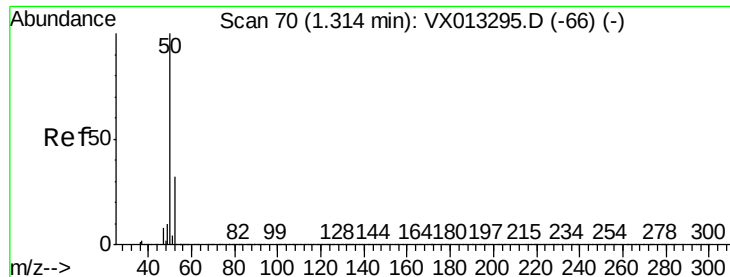
87 33.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.526 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

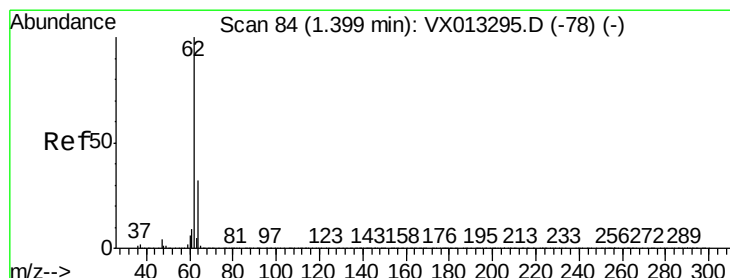
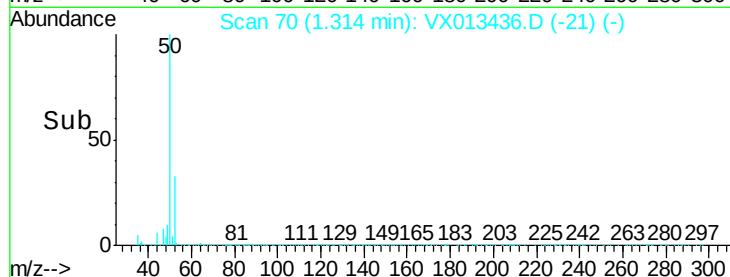
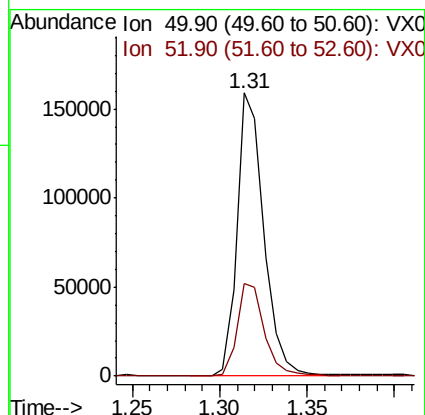
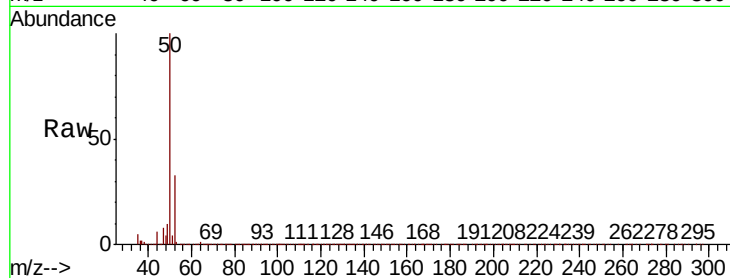
VX1115WBS01

Tot Ion: 50 Resp: 168019

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3



#4

Vinyl Chloride

Concen: 19.909 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013436.D

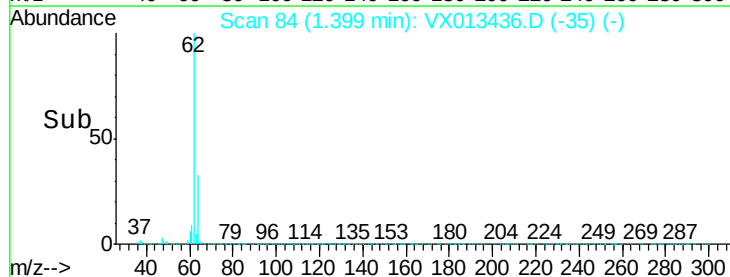
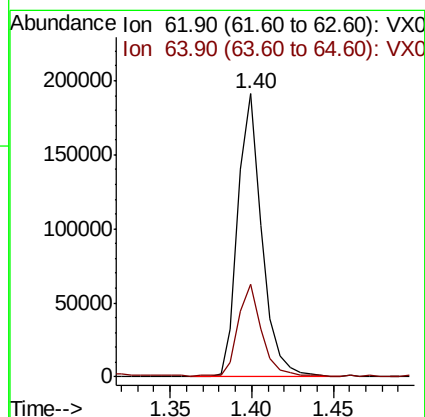
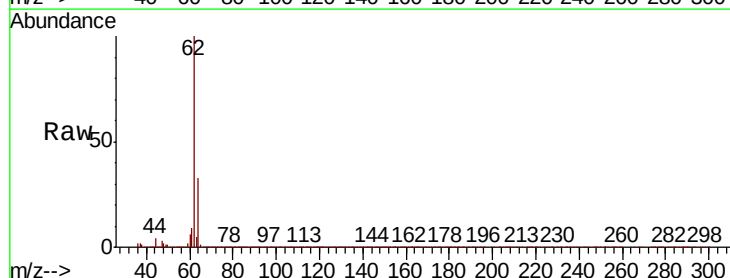
Acq: 15 Nov 2019 11:10

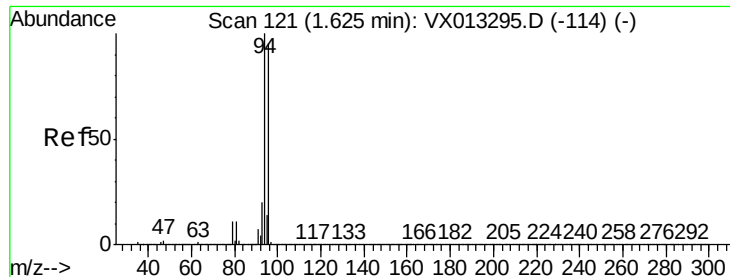
Tgt Ion: 62 Resp: 195031

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 17.091 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

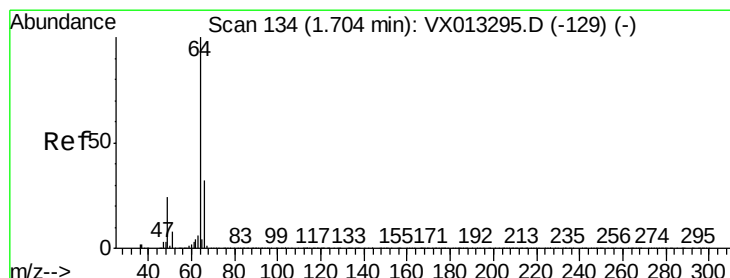
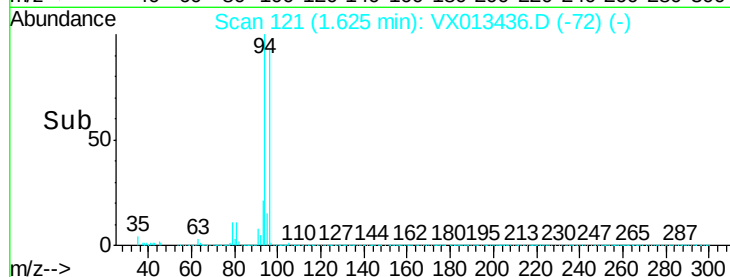
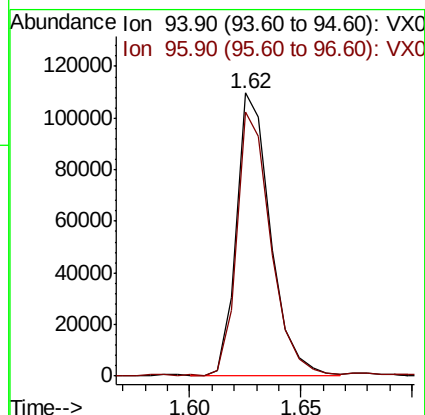
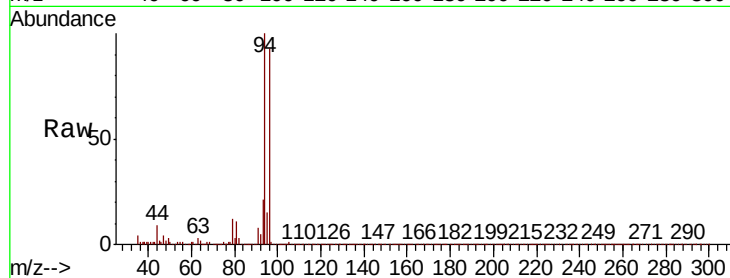
VX1115WBS01

Tot Ion: 94 Resp: 116674

Ion Ratio Lower Upper

94 100

96 93.0 75.8 113.8



#6

Chloroethane

Concen: 18.736 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013436.D

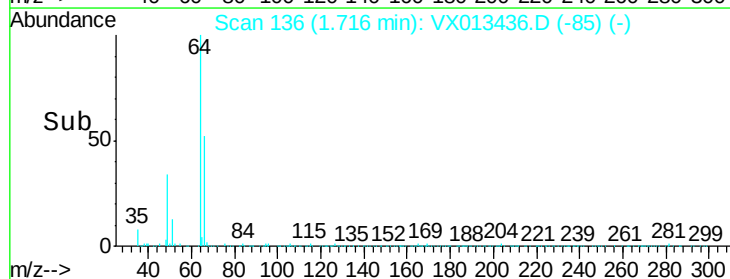
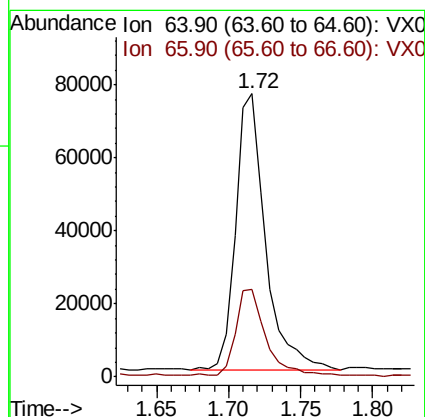
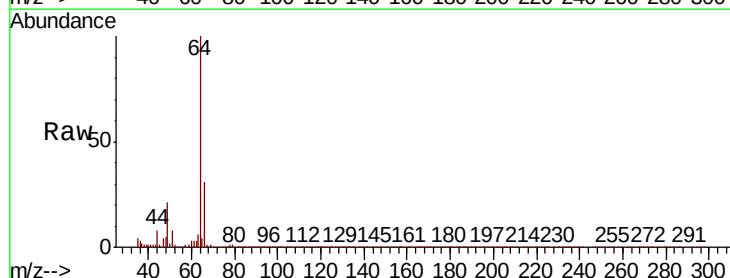
Acq: 15 Nov 2019 11:10

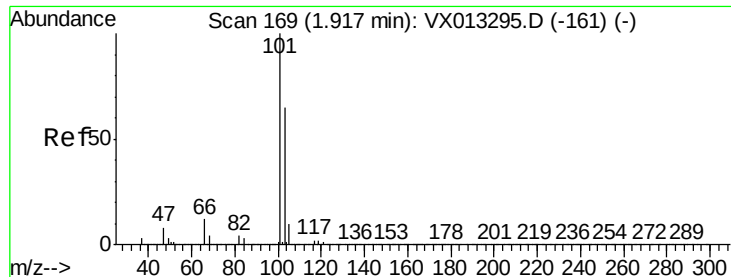
Tgt Ion: 64 Resp: 109090

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4



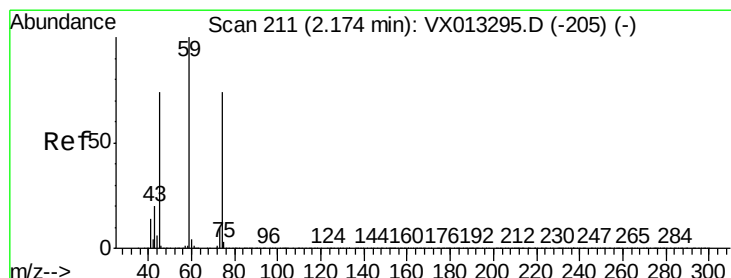
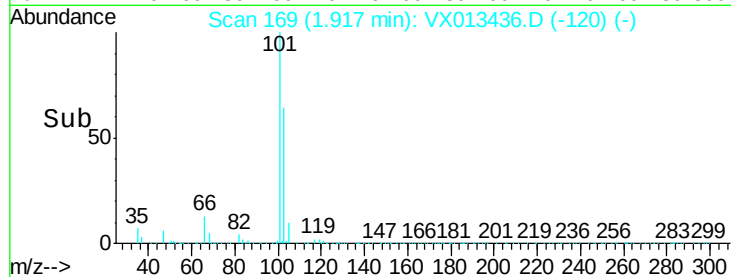
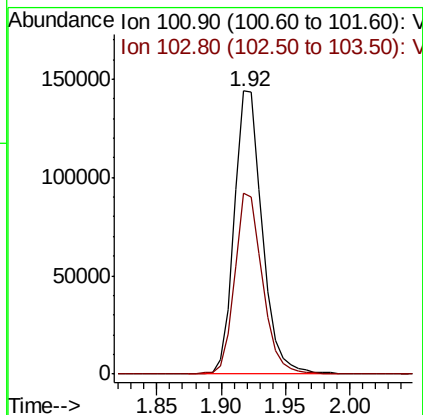
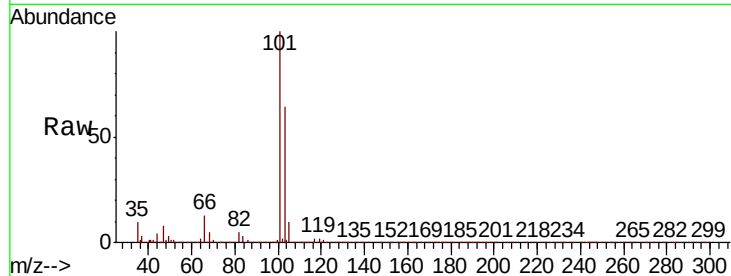


#7

Trichlorofluoromethane
Concen: 18.734 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

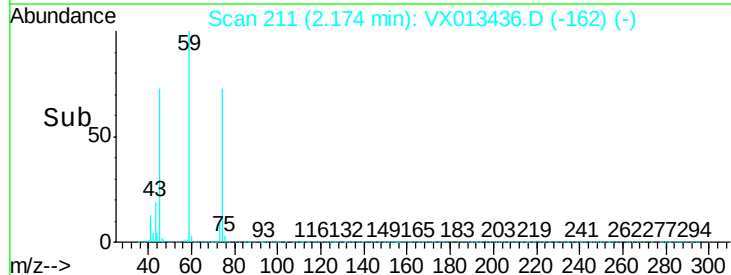
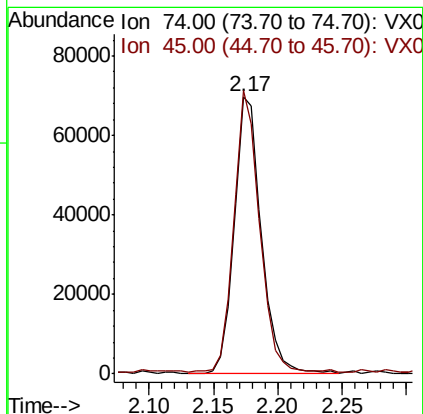
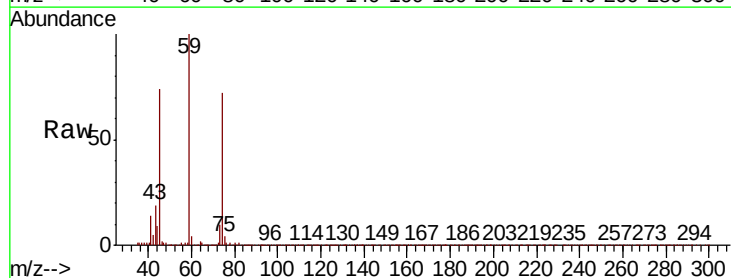
Tot Ion:101 Resp: 216820
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

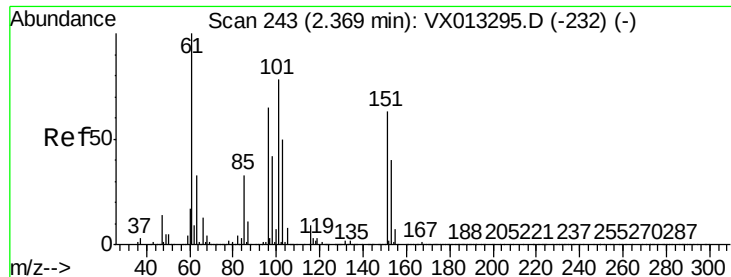


#8

Diethyl Ether
Concen: 20.059 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 74 Resp: 102662
Ion Ratio Lower Upper
74 100
45 95.3 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.801 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

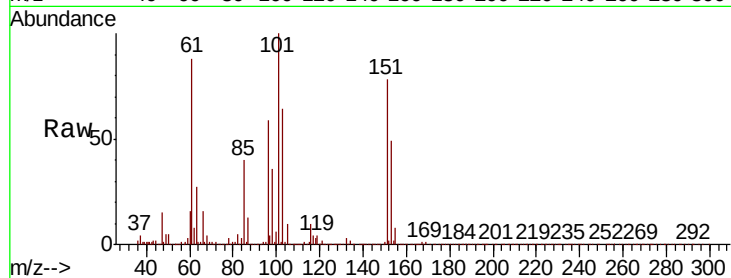
Tot Ion:101 Resp: 140635

Ion Ratio Lower Upper

101 100

85 40.5 34.4 51.6

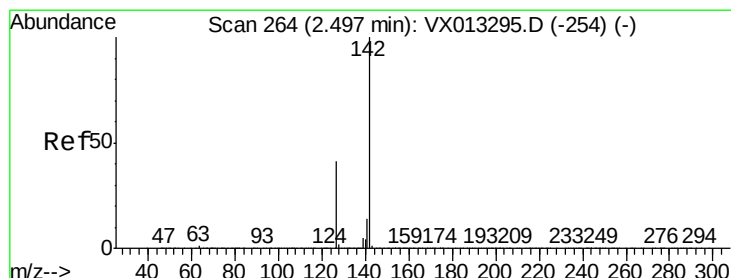
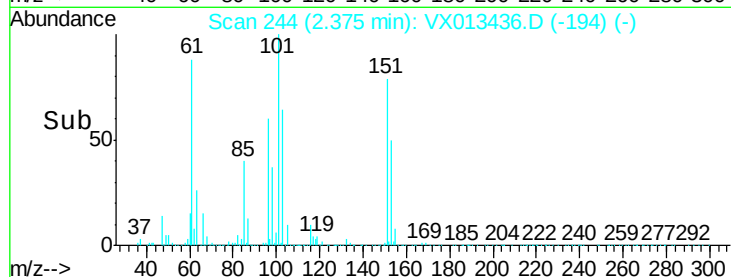
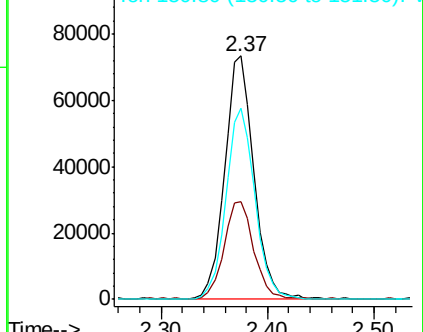
151 78.4 66.4 99.6



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: 19.323 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

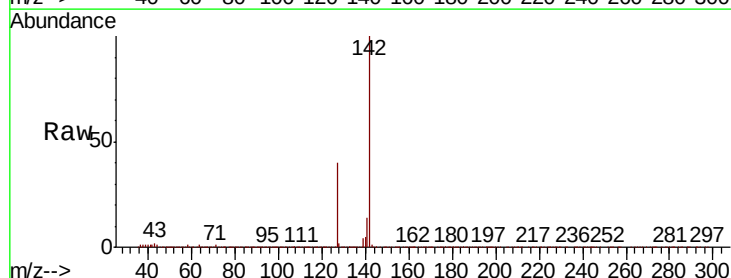
Tgt Ion:142 Resp: 154321

Ion Ratio Lower Upper

142 100

127 39.2 32.6 49.0

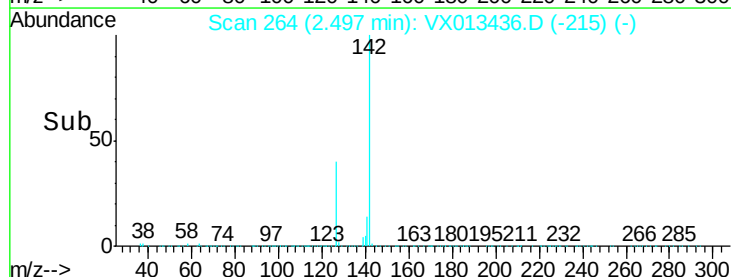
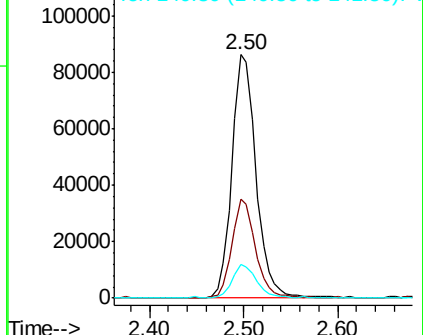
141 13.7 11.6 17.4

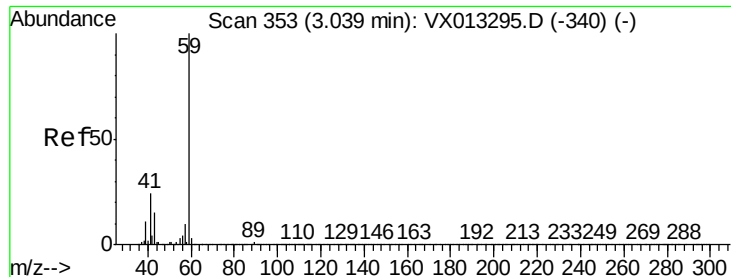


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



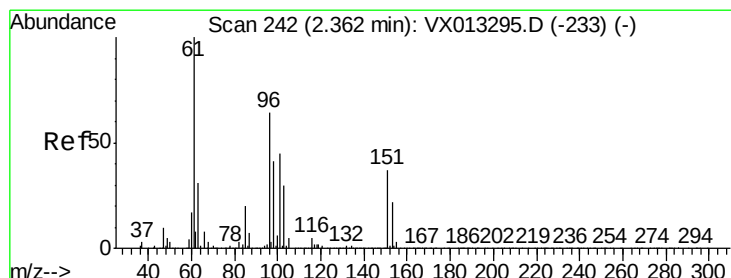
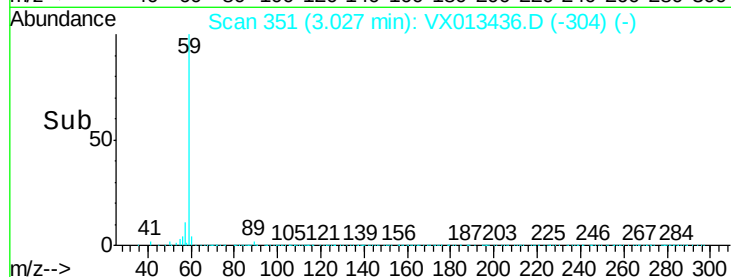
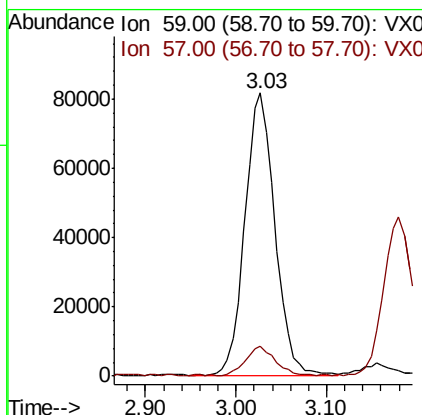
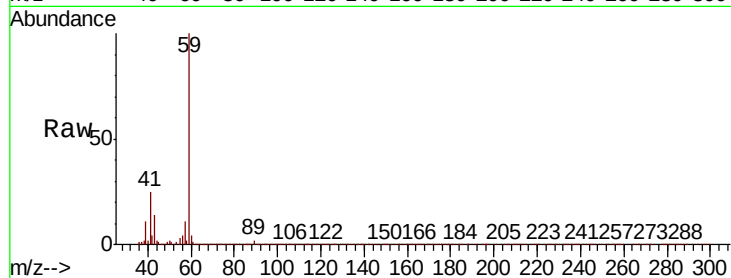


#11

Tert butyl alcohol
Concen: 86.949 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

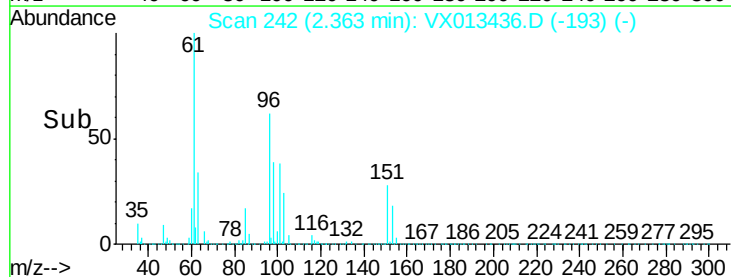
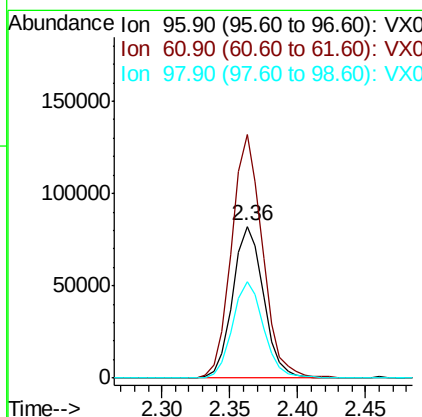
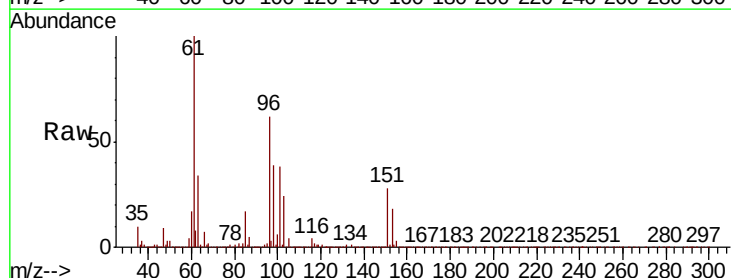
Tot Ion: 59 Resp: 186972
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0

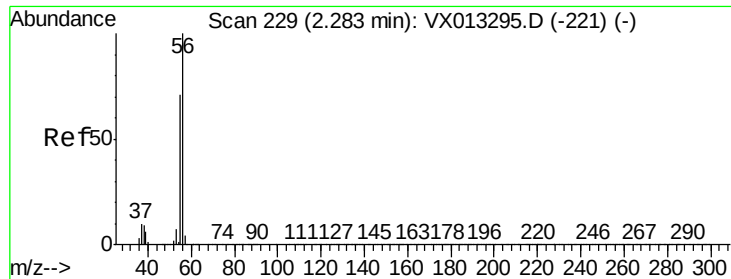


#12

1,1-Dichloroethene
Concen: 20.536 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 96 Resp: 129726
Ion Ratio Lower Upper
96 100
61 160.3 125.0 187.6
98 62.9 50.7 76.1





#13

Acrolein

Concen: 100.947 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

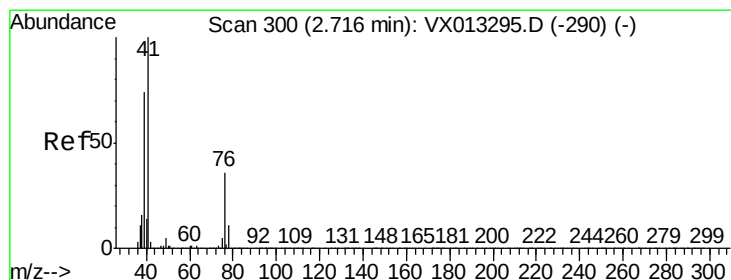
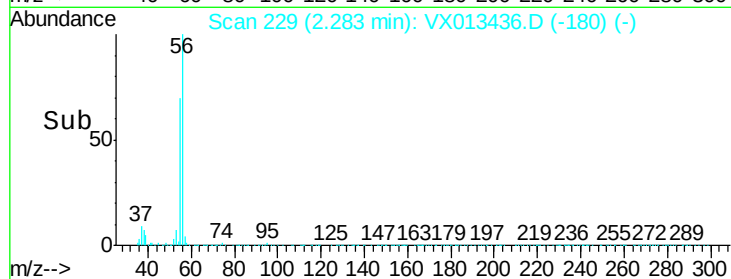
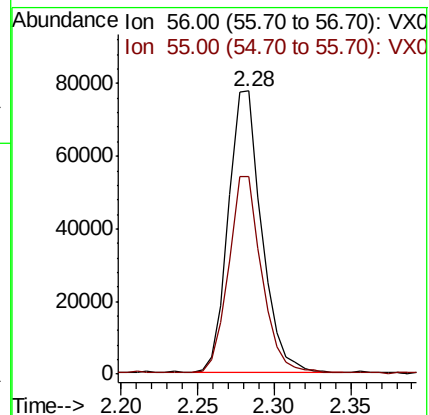
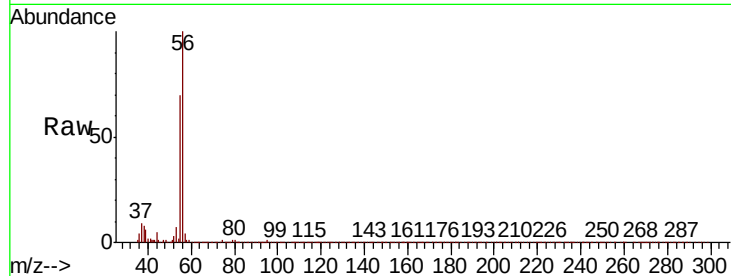
VX1115WBS01

Tot Ion: 56 Resp: 117648

Ion Ratio Lower Upper

56 100

55 70.2 57.4 86.0



#14

Allyl chloride

Concen: 21.034 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

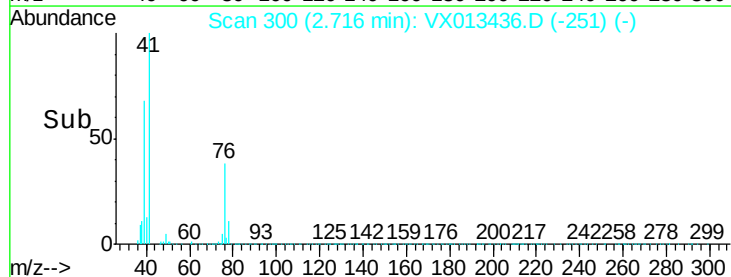
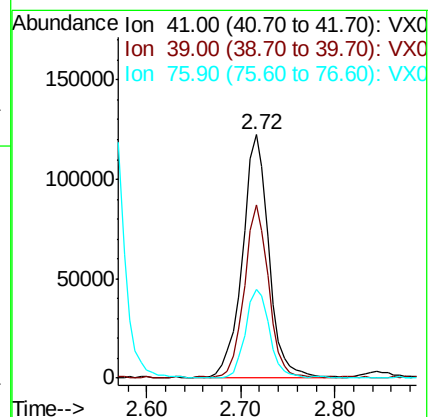
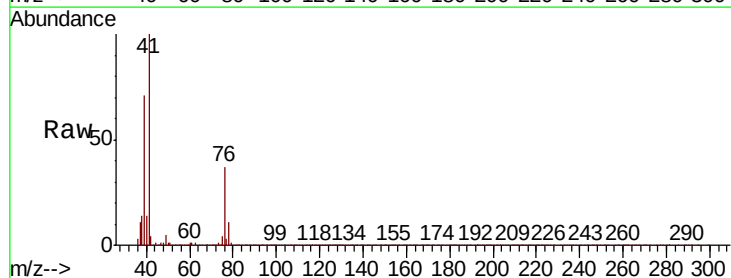
Tgt Ion: 41 Resp: 241424

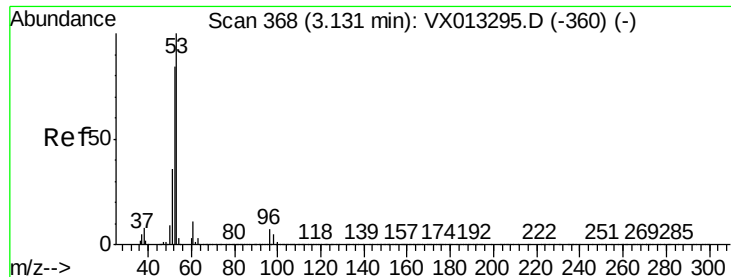
Ion Ratio Lower Upper

41 100

39 64.9 55.8 83.8

76 32.3 26.4 39.6





#15

Acrylonitrile

Concen: 106.478 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

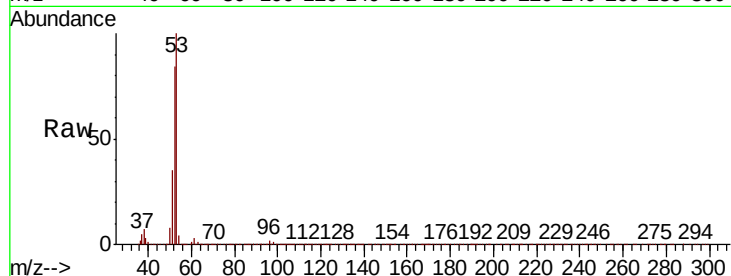
Tot Ion: 53 Resp: 427702

Ion Ratio Lower Upper

53 100

52 82.2 67.4 101.0

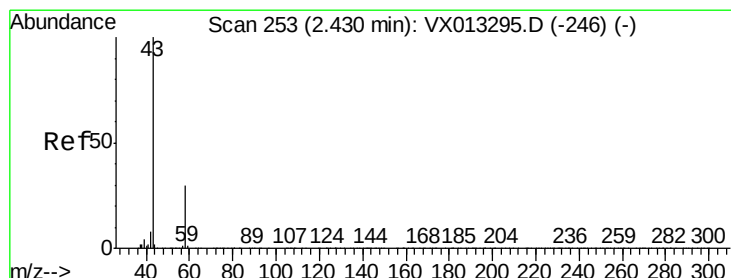
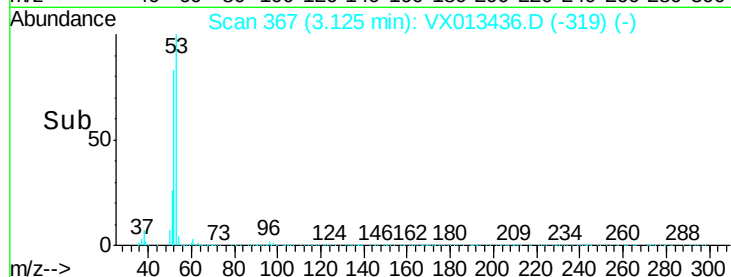
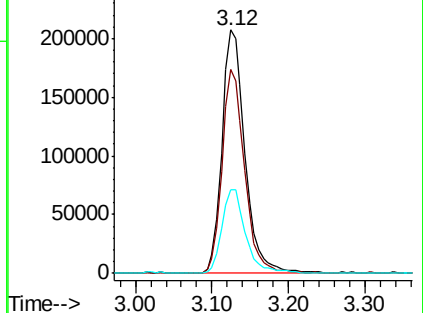
51 35.3 29.4 44.2



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: 97.789 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013436.D

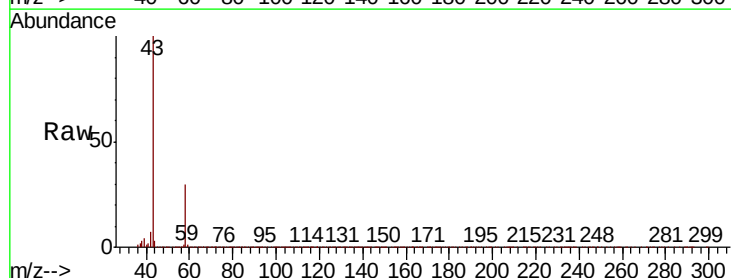
Acq: 15 Nov 2019 11:10

Tgt Ion: 43 Resp: 397942

Ion Ratio Lower Upper

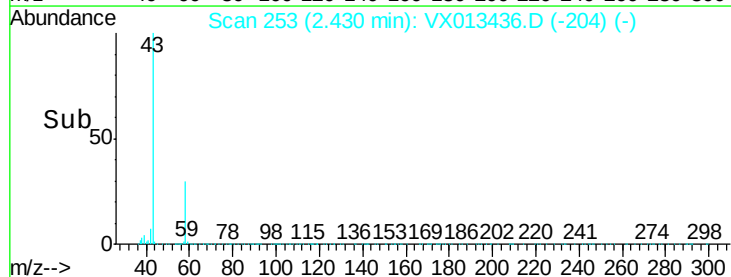
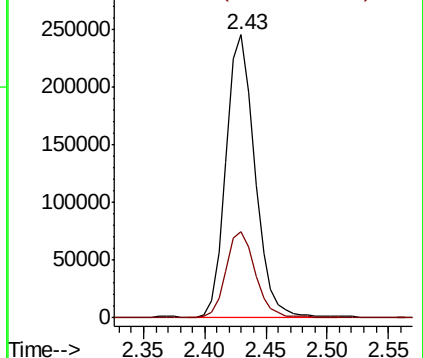
43 100

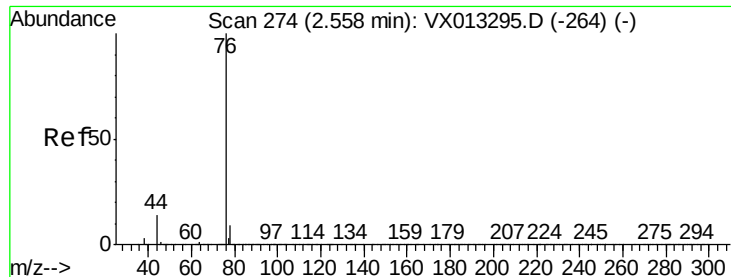
58 30.4 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.428 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

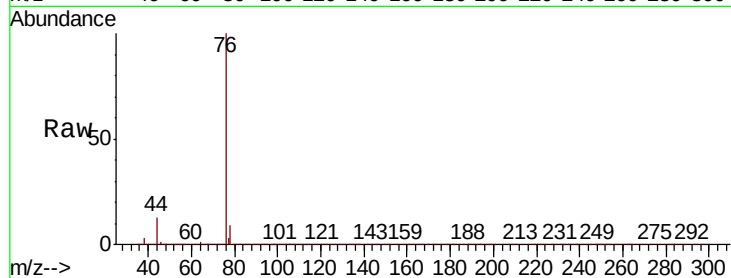
VX1115WBS01

Tot Ion: 76 Resp: 328478

Ion Ratio Lower Upper

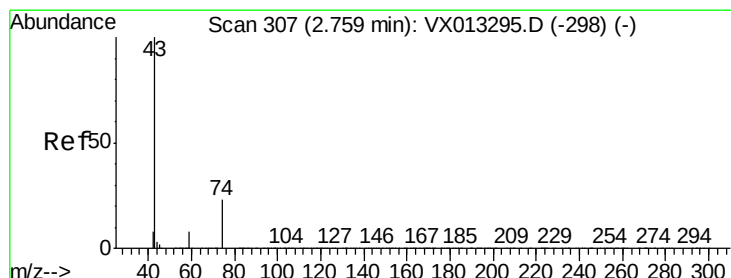
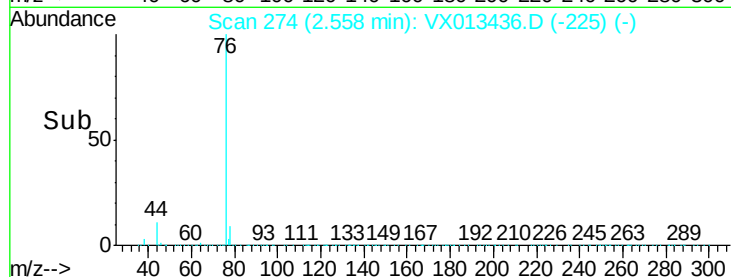
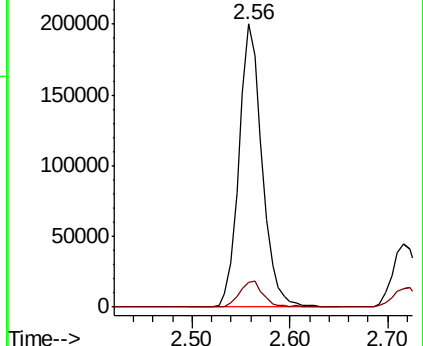
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.393 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013436.D

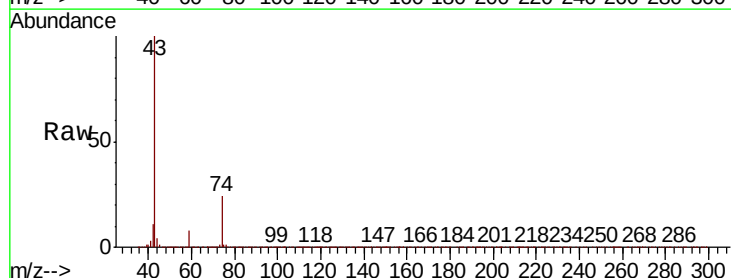
Acq: 15 Nov 2019 11:10

Tgt Ion: 43 Resp: 240341

Ion Ratio Lower Upper

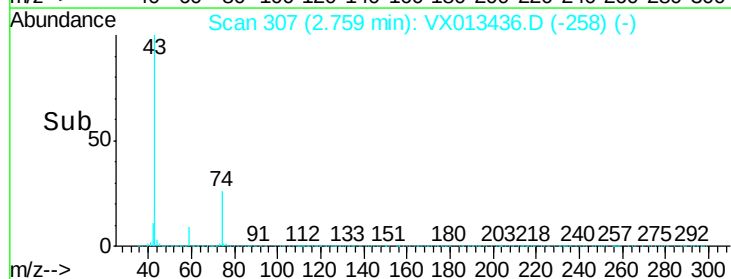
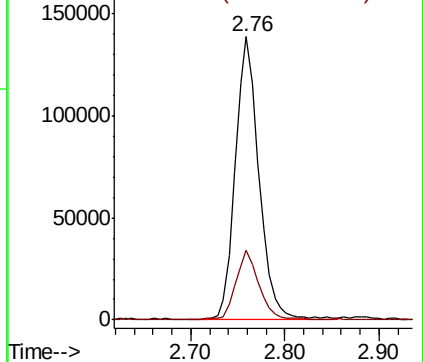
43 100

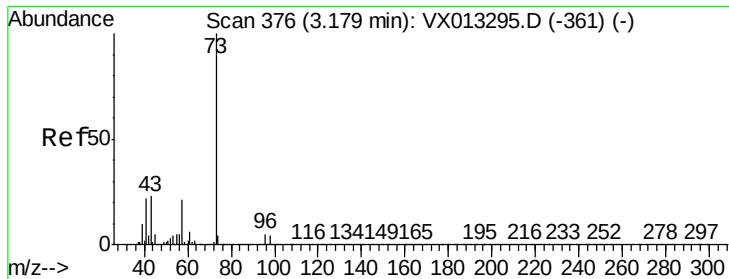
74 24.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

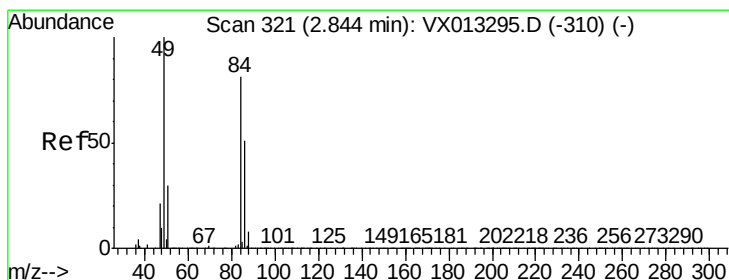
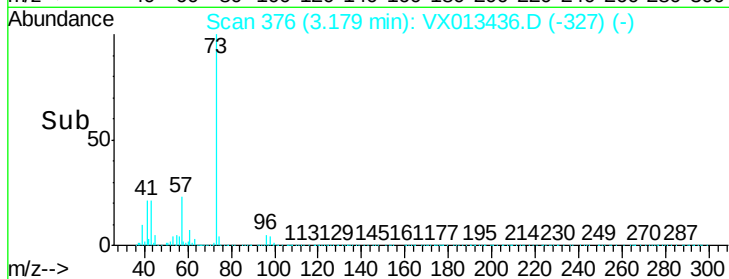
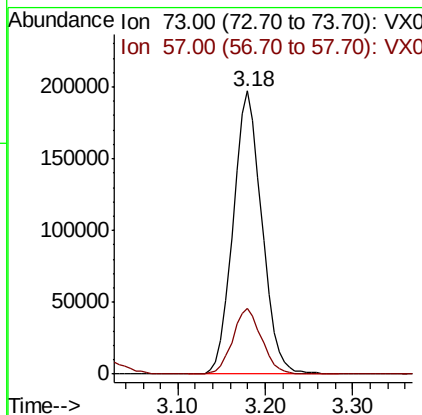
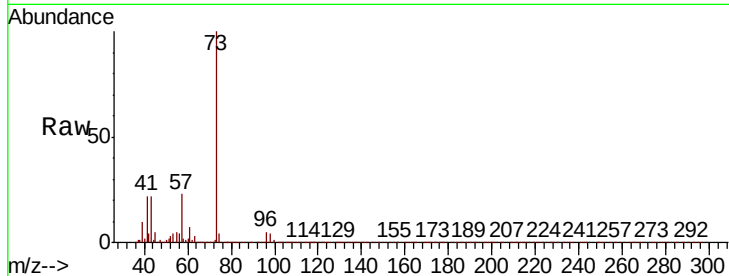




#19
Methyl tert-butyl Ether
Concen: 21.280 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

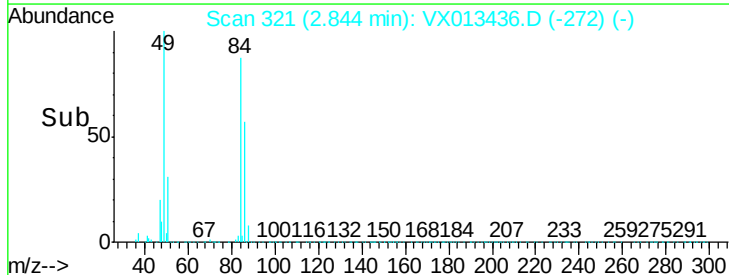
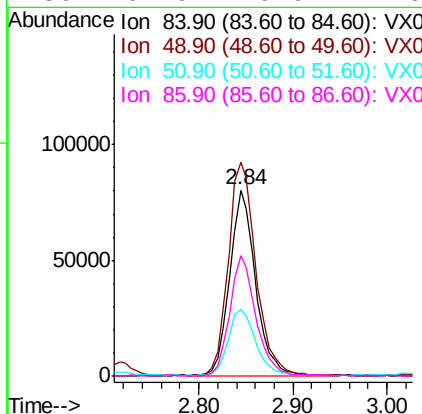
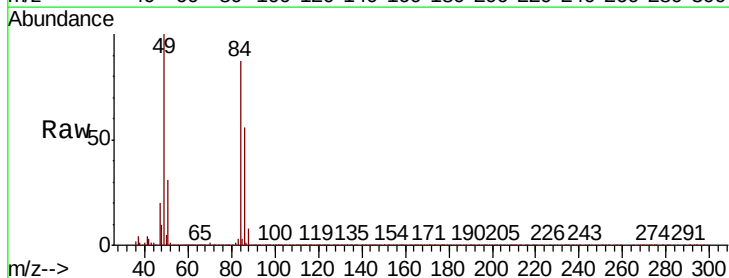
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

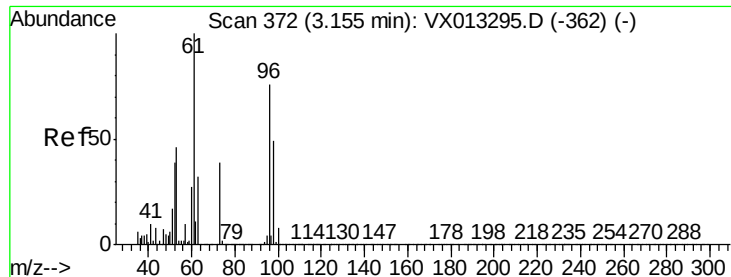
Tot Ion: 73 Resp: 448351
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 20.236 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 84 Resp: 152150
Ion Ratio Lower Upper
84 100
49 115.0 98.2 147.4
51 35.8 29.9 44.9
86 64.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.477 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

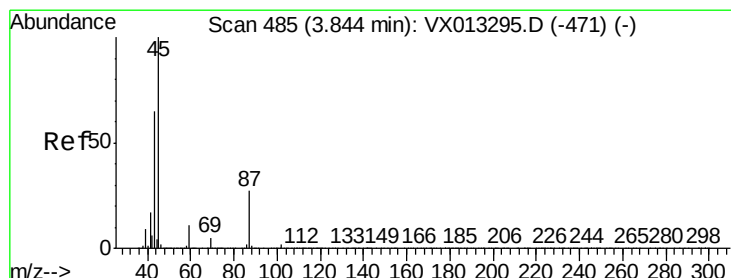
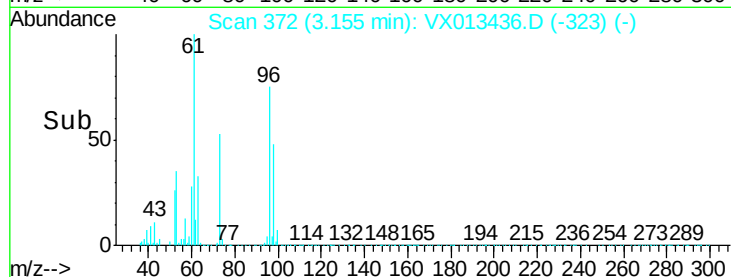
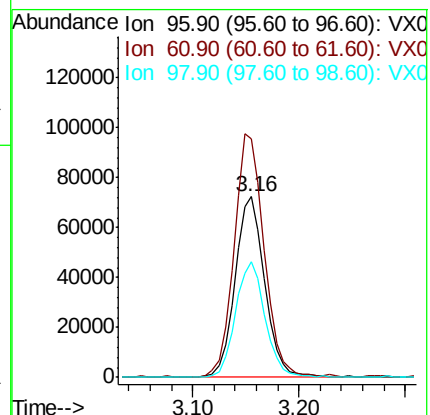
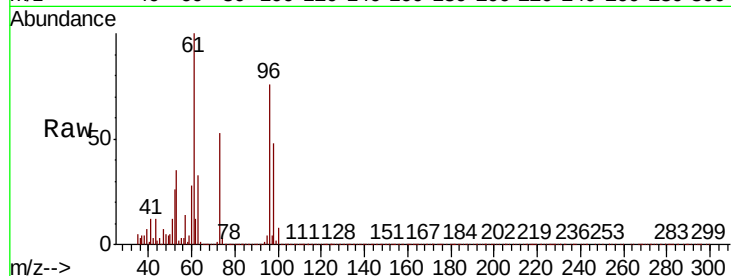
Tot Ion: 96 Resp: 140842

Ion Ratio Lower Upper

96 100

61 132.0 105.8 158.6

98 63.8 51.8 77.6



#22

Diisopropyl ether

Concen: 22.117 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion: 45 Resp: 490084

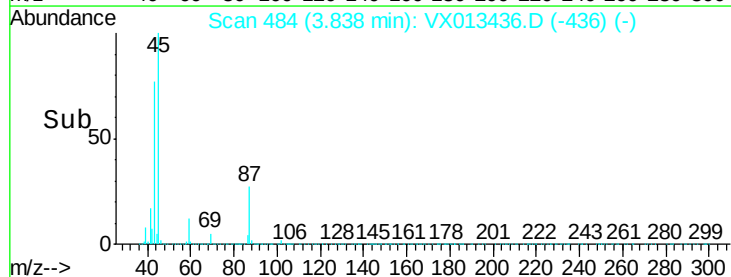
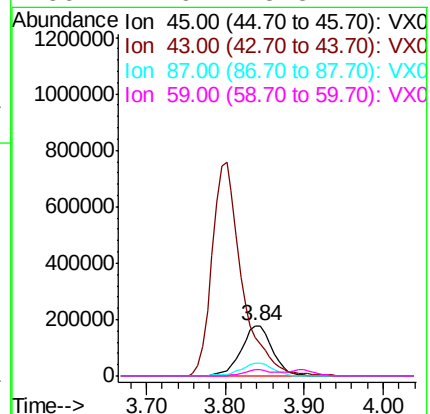
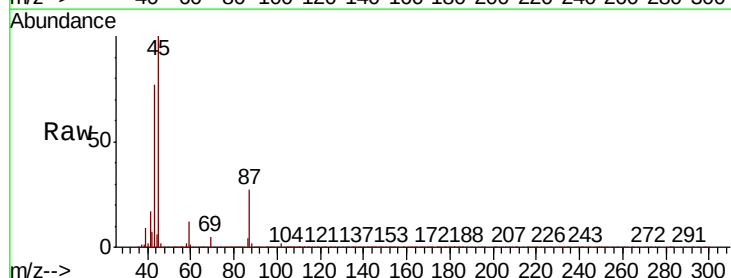
Ion Ratio Lower Upper

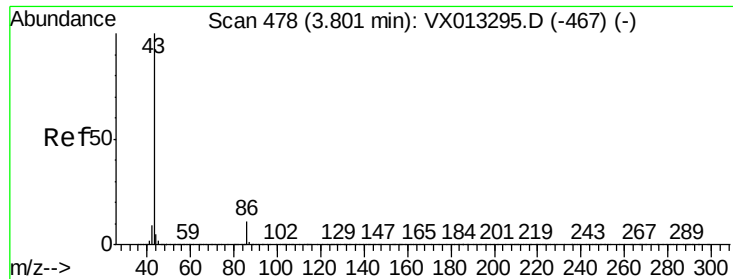
45 100

43 75.9 54.2 81.2

87 26.5 21.8 32.8

59 11.9 8.5 12.7





#23

Vinyl Acetate

Concen: 105.019 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

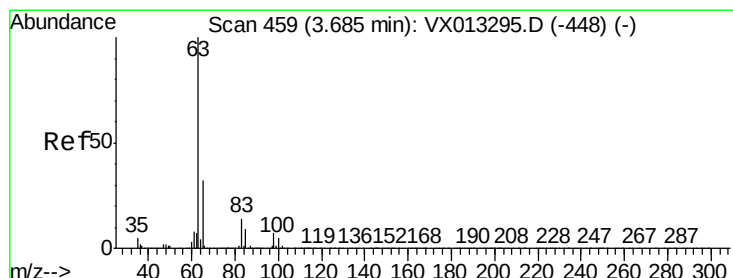
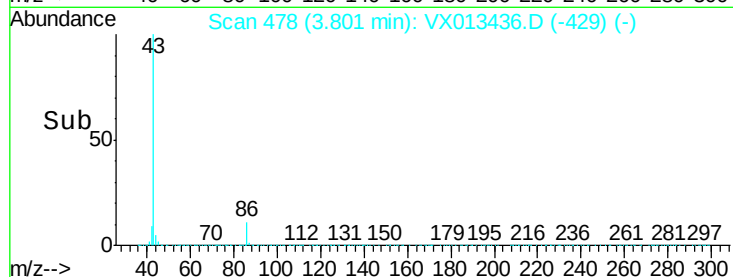
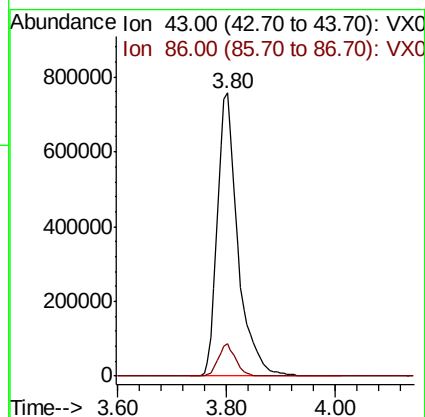
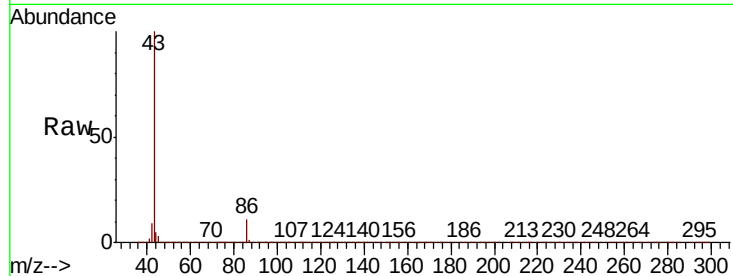
VX1115WBS01

Tot Ion: 43 Resp: 1991306

Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.296 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

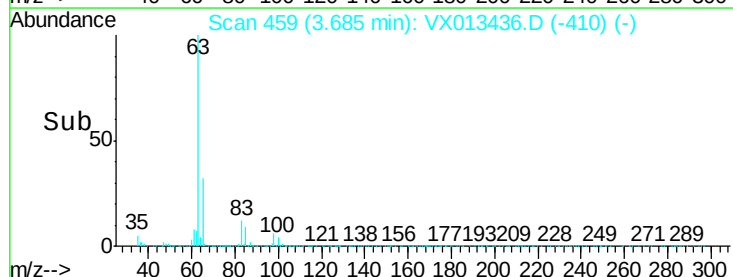
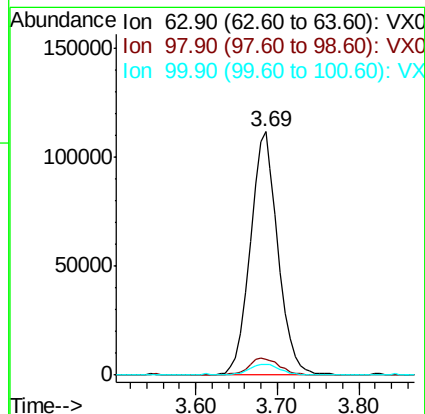
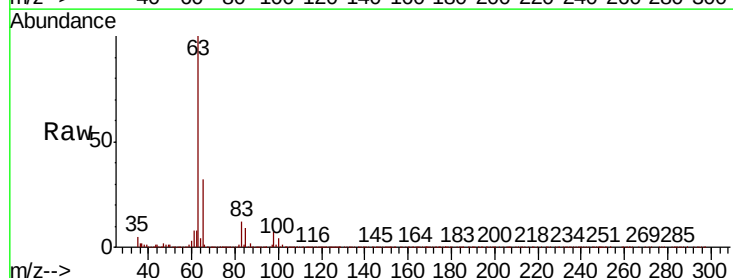
Tgt Ion: 63 Resp: 263980

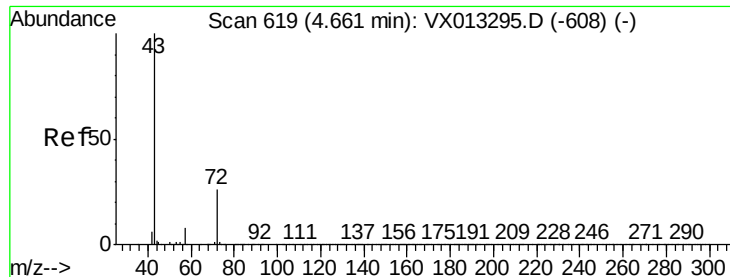
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.0 2.4 7.2





#25

2-Butanone

Concen: 101.551 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

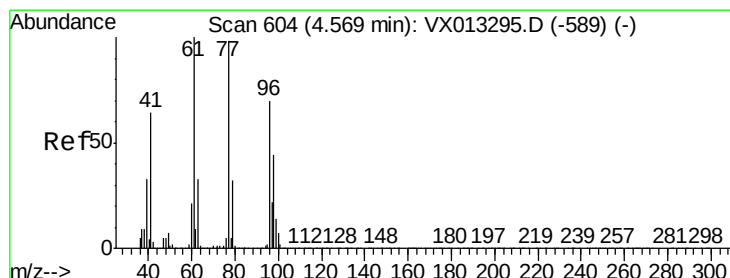
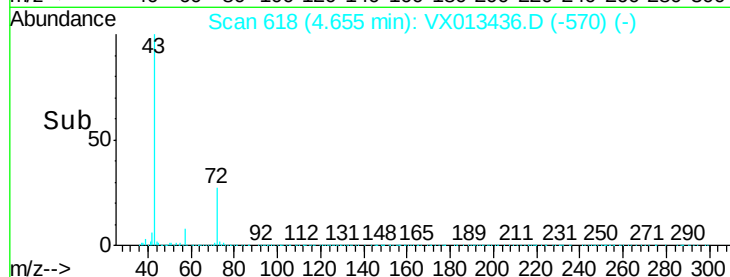
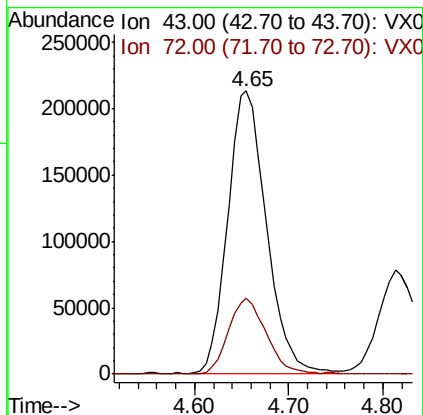
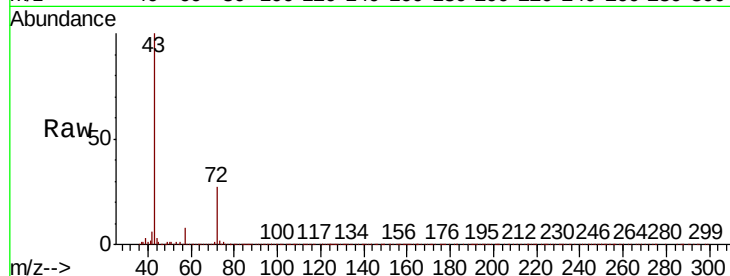
VX1115WBS01

Tot Ion: 43 Resp: 606249

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.865 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013436.D

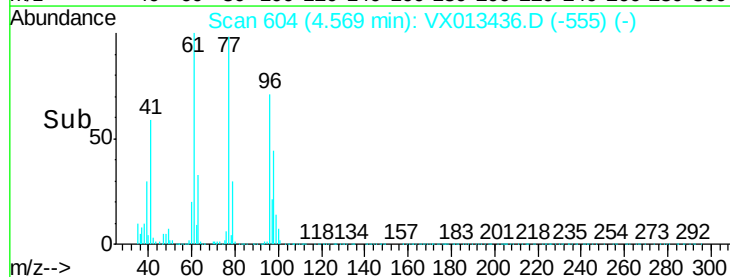
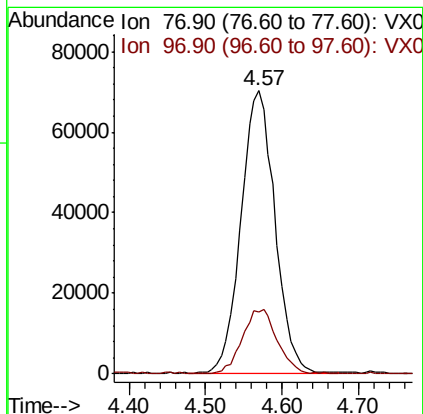
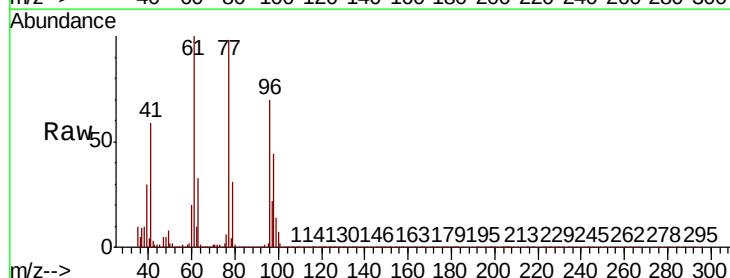
Acq: 15 Nov 2019 11:10

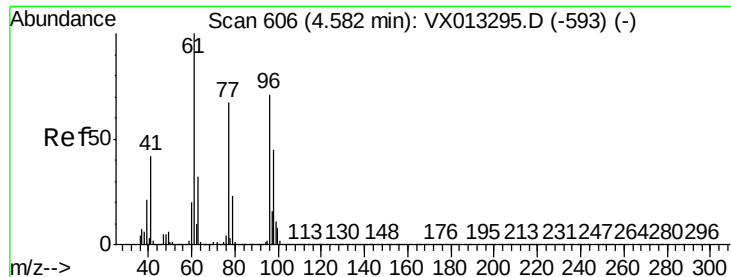
Tgt Ion: 77 Resp: 215620

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8



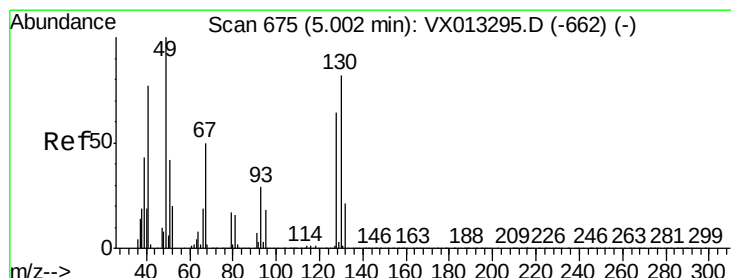
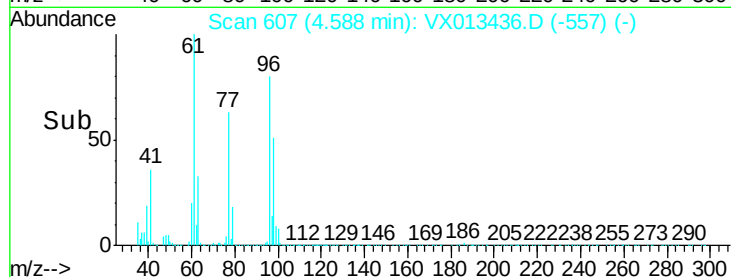
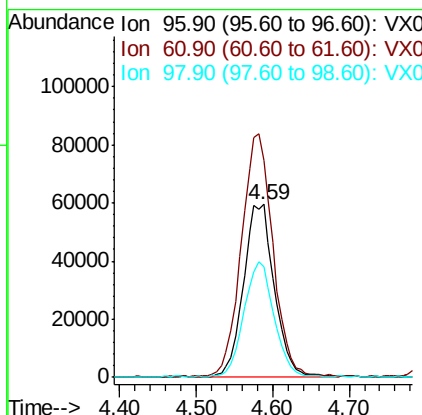
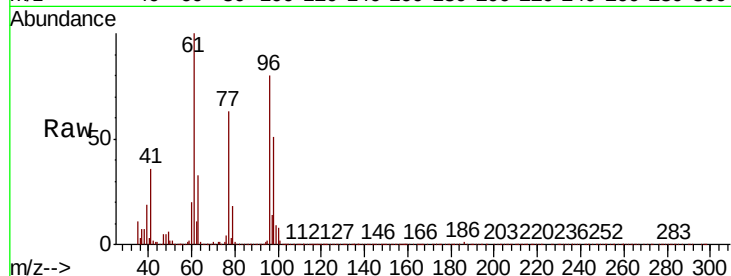


#27

cis-1,2-Dichloroethene
Concen: 21.767 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

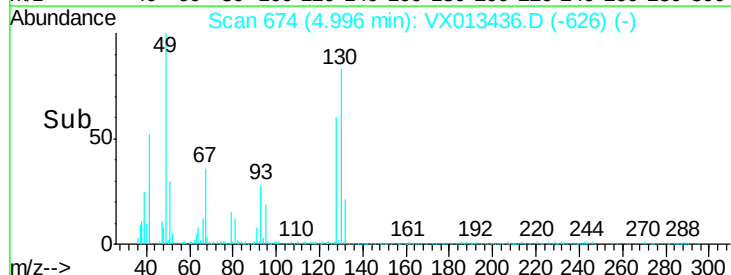
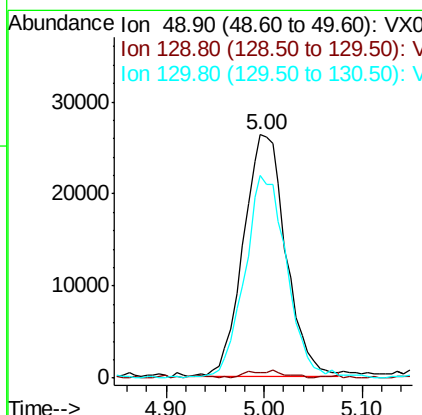
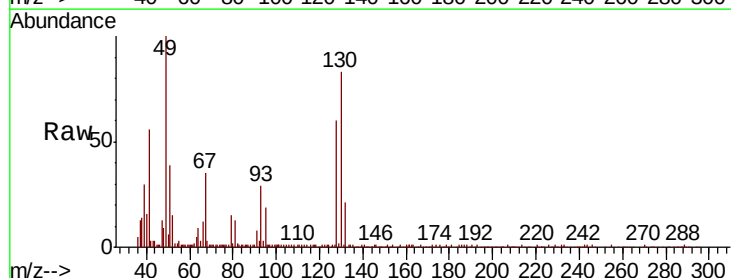
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	288.0
98	64.1	0.0	129.6

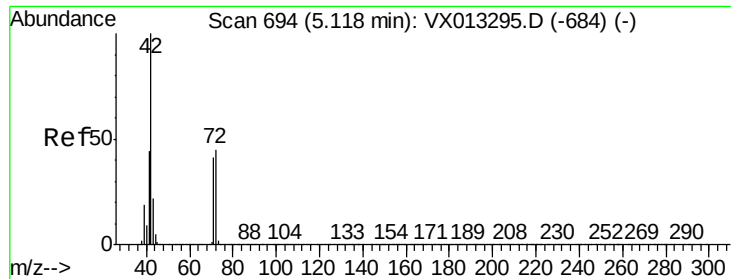


#28

Bromochloromethane
Concen: 22.412 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	5.2
130	84.4	63.8	95.6

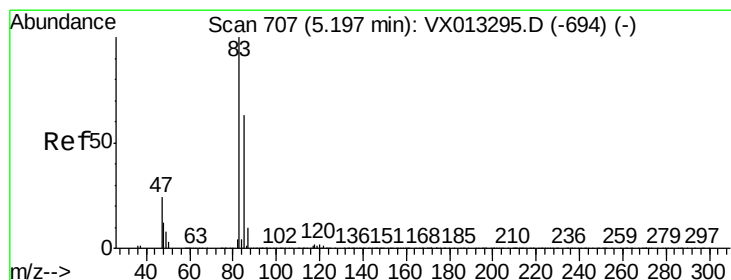
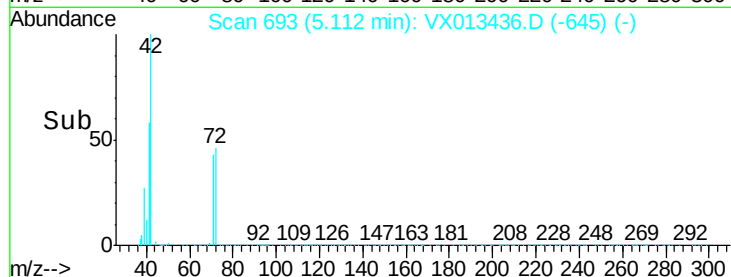
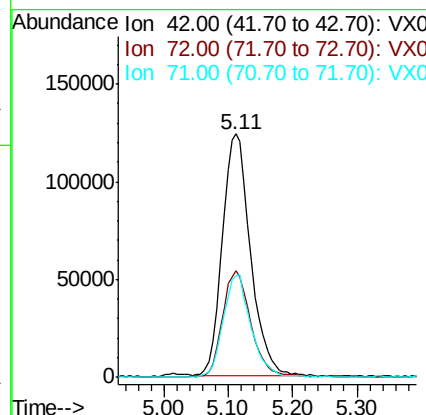
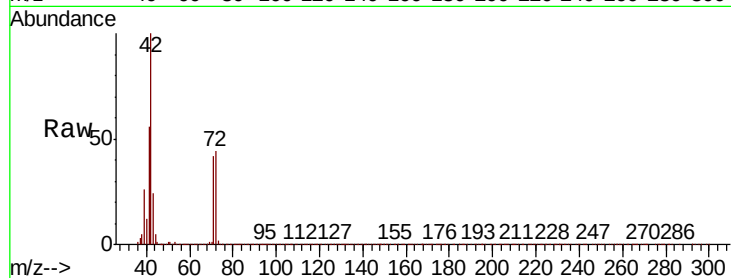




#29
Tetrahydrofuran
Concen: 103.654 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

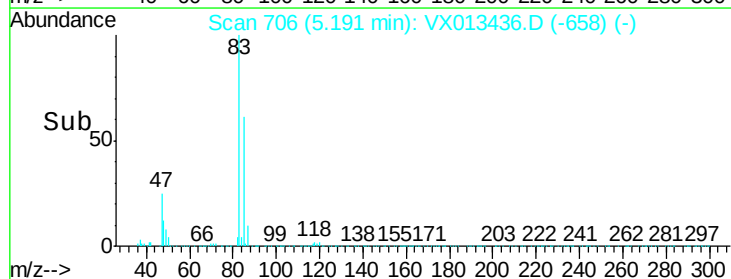
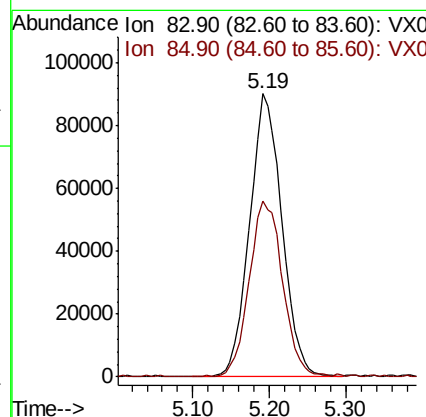
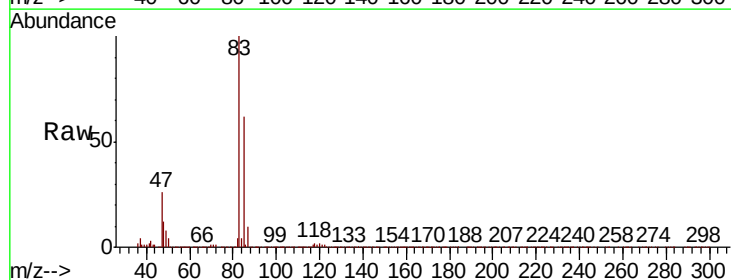
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

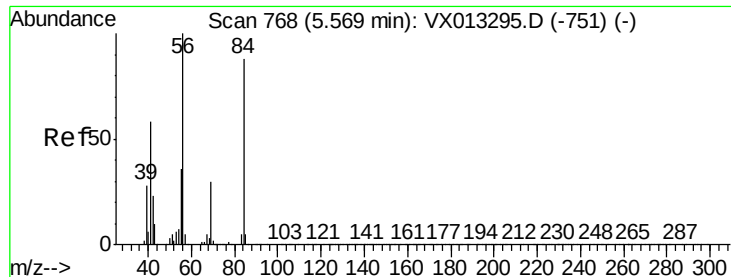
Tot Ion: 42 Resp: 381333
Ion Ratio Lower Upper
42 100
72 43.7 35.8 53.8
71 41.3 33.4 50.0



#30
Chloroform
Concen: 21.631 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 83 Resp: 264773
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.4

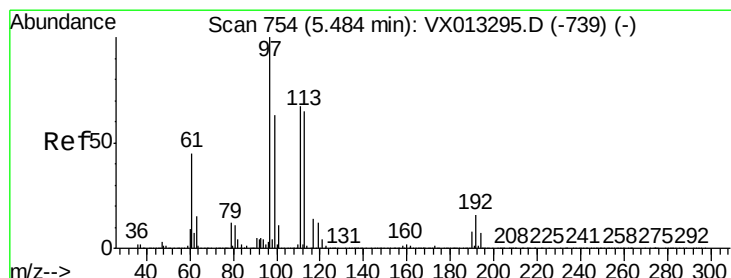
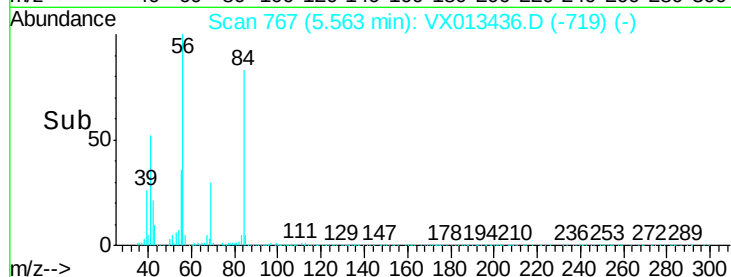
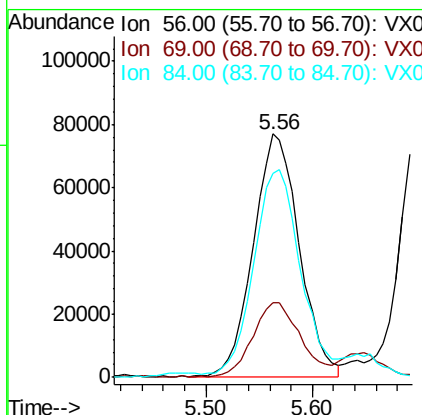
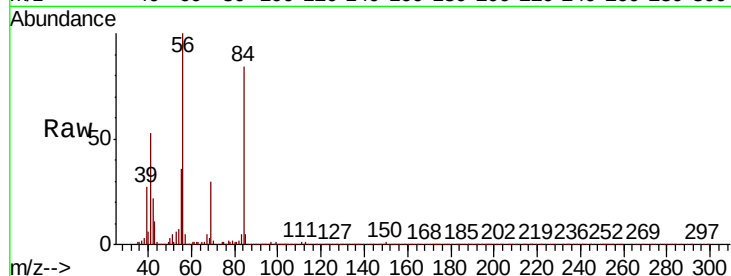




#31
Cyclohexane
Concen: 20.901 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

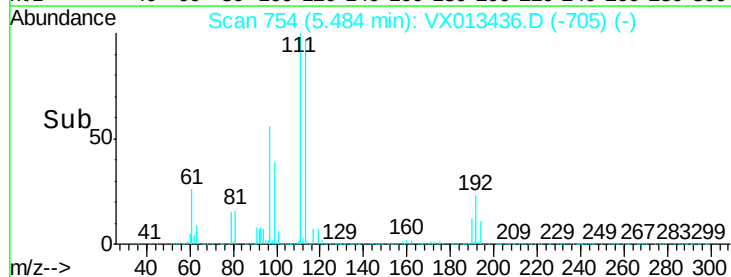
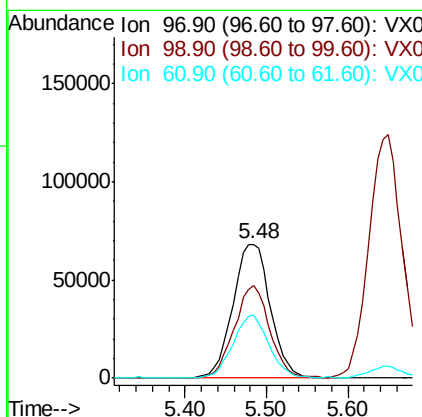
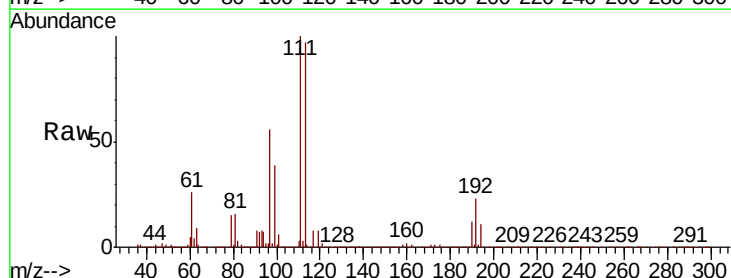
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

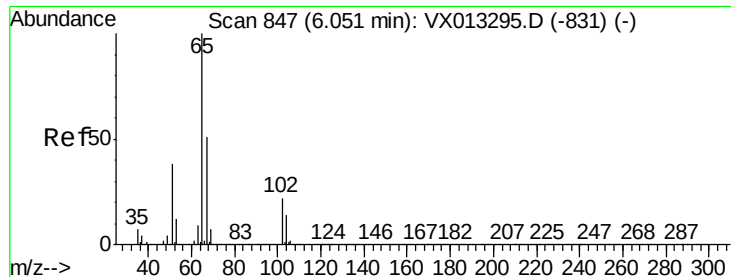
Tot Ion: 56 Resp: 233131
Ion Ratio Lower Upper
56 100
69 30.5 23.7 35.5
84 81.8 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 20.352 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 97 Resp: 214382
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 46.0 36.5 54.7

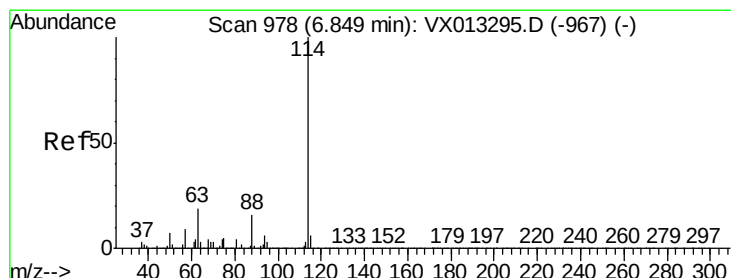
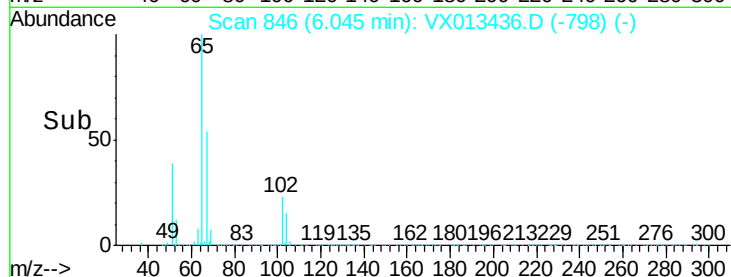
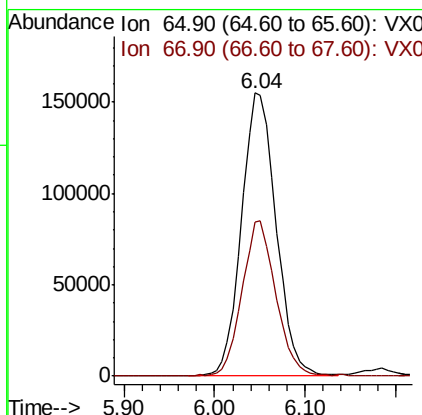
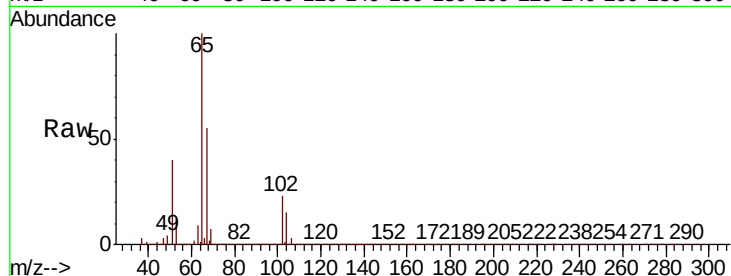




#33
 1,2-Dichloroethane-d4
 Concen: 49.963 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

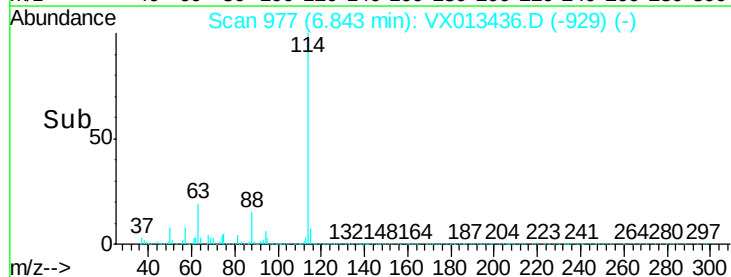
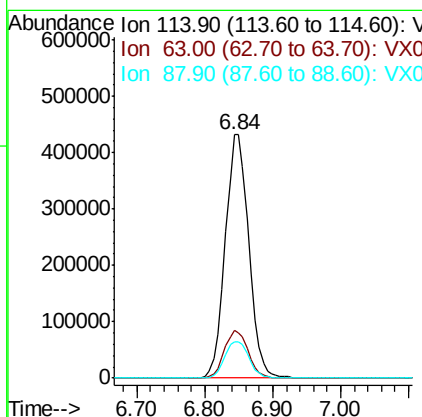
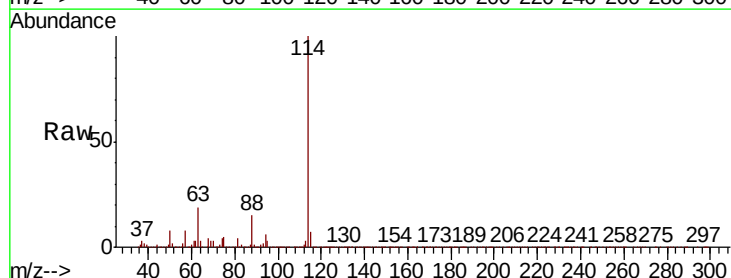
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WS01

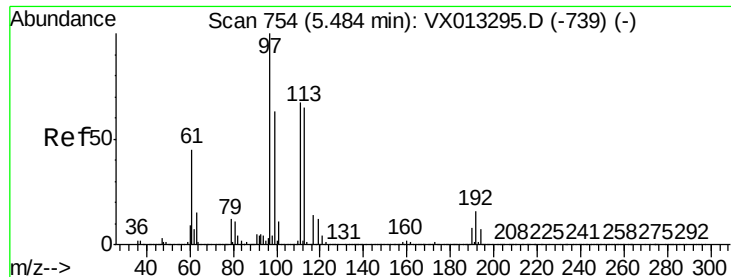
Tot Ion: 65 Resp: 407628
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion: 114 Resp: 1036531
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.998 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

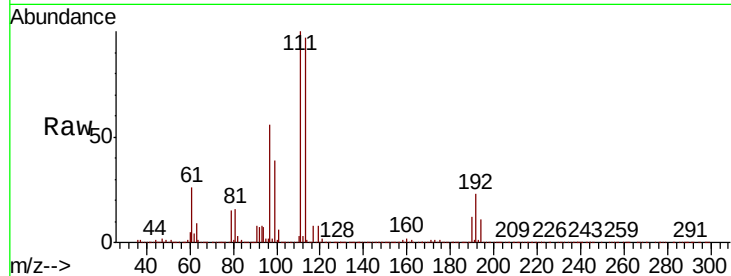
Tot Ion:113 Resp: 338052

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

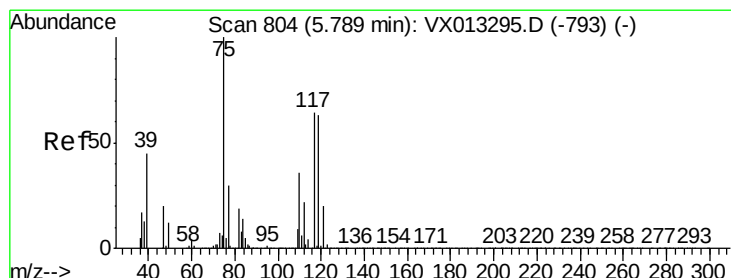
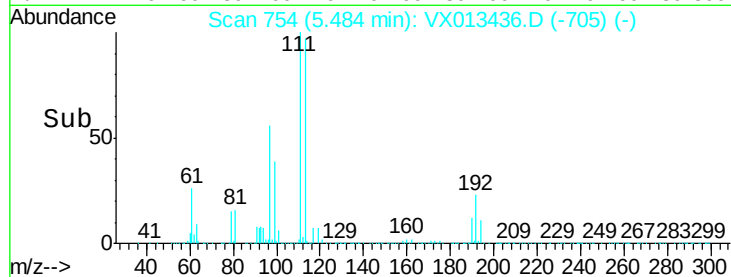
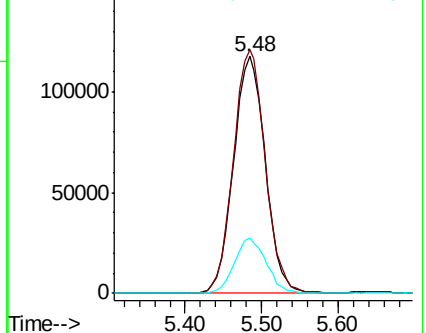
192 23.3 19.1 28.7



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: 21.888 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

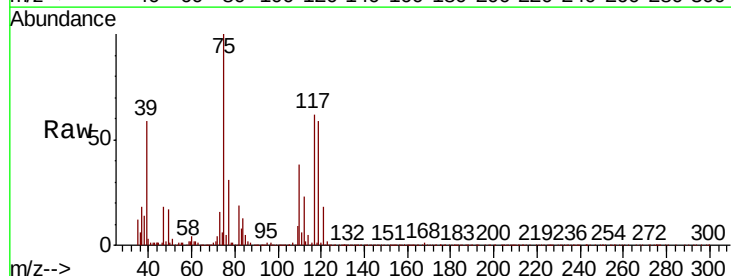
Tgt Ion: 75 Resp: 194631

Ion Ratio Lower Upper

75 100

110 35.2 18.1 54.1

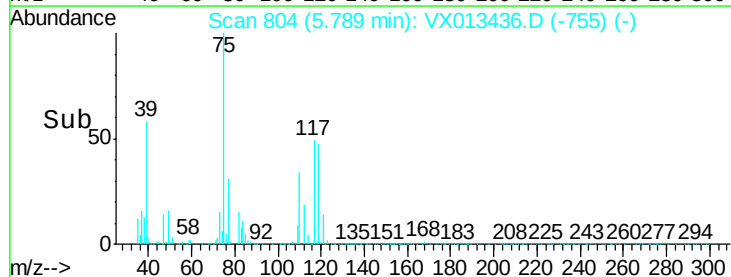
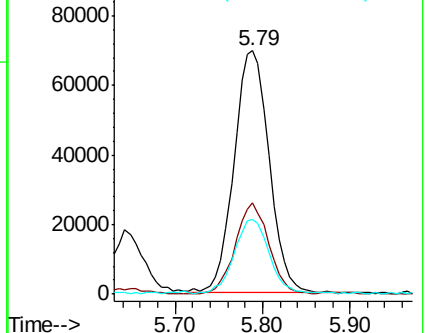
77 29.9 25.0 37.4

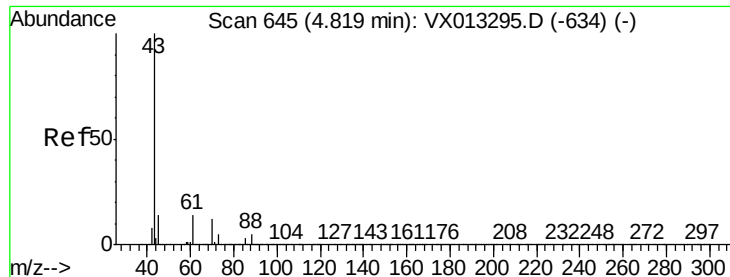


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

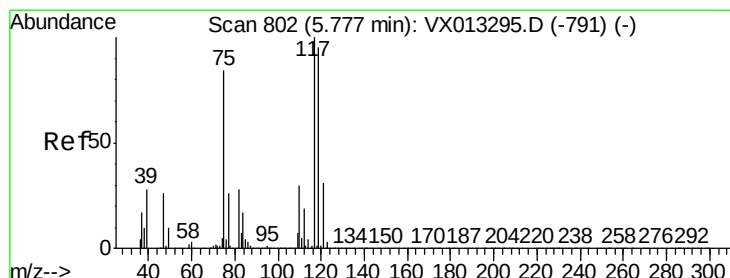
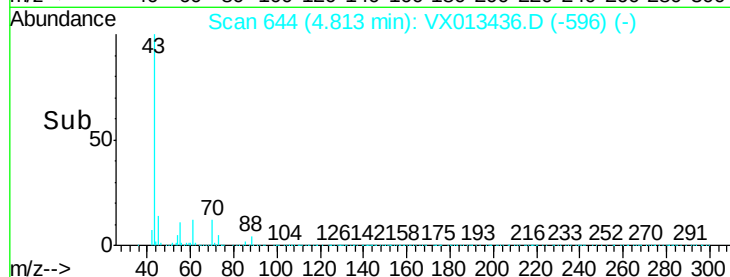
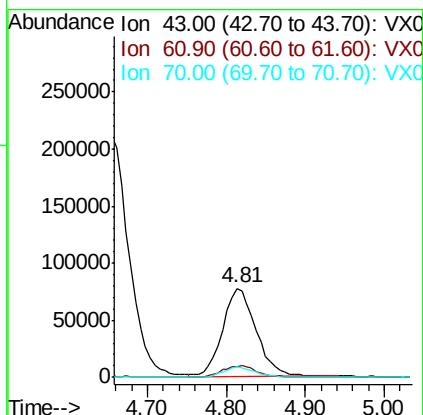
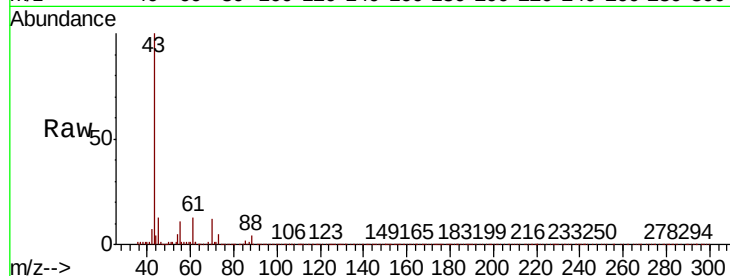




#37
Ethyl Acetate
Concen: 20.639 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

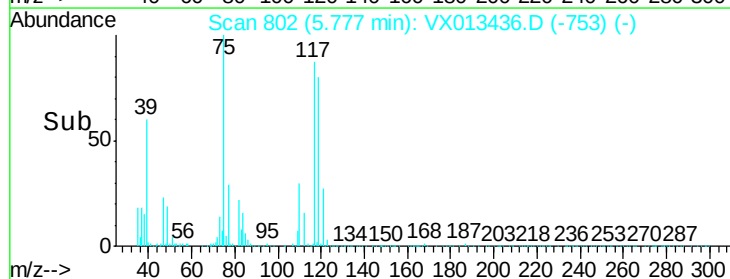
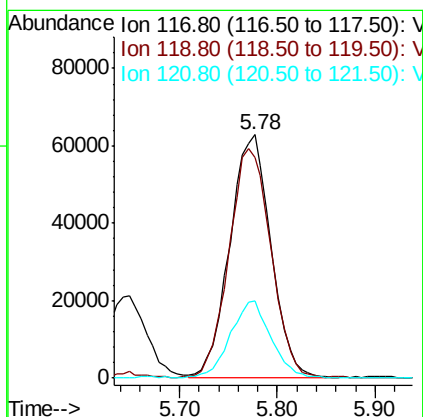
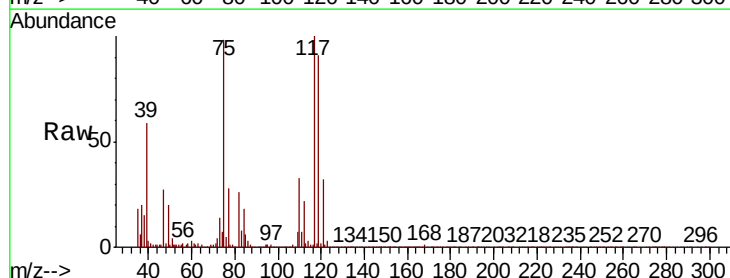
Instrument :
MSVOA_X
ClientSampled :
VX1115WBS01

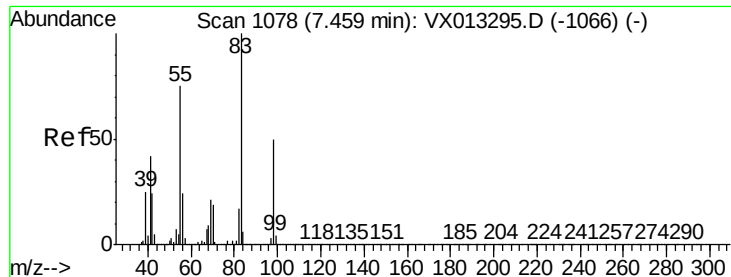
Tot Ion: 43 Resp: 226773
Ion Ratio Lower Upper
43 100
61 12.9 10.7 16.1
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.973 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 117 Resp: 182372
Ion Ratio Lower Upper
117 100
119 90.7 76.1 114.1
121 31.2 24.6 37.0

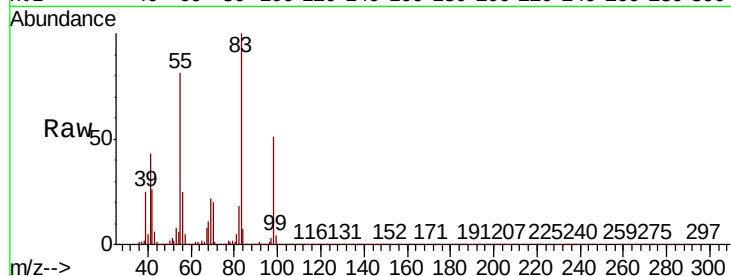




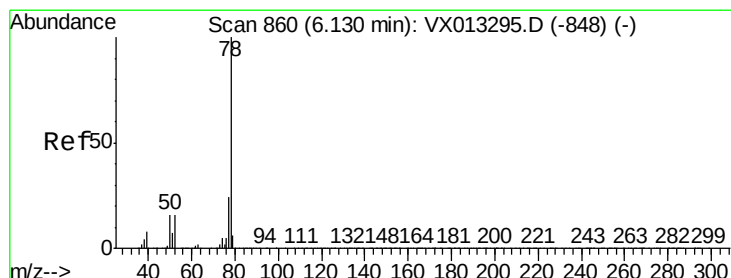
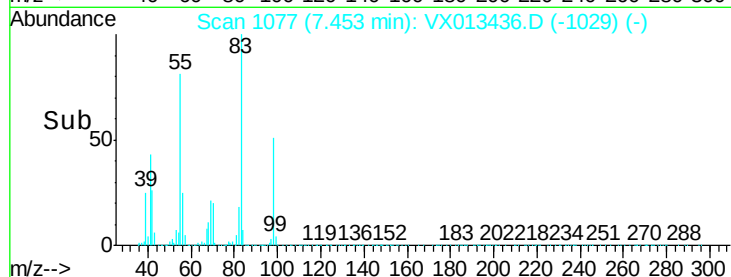
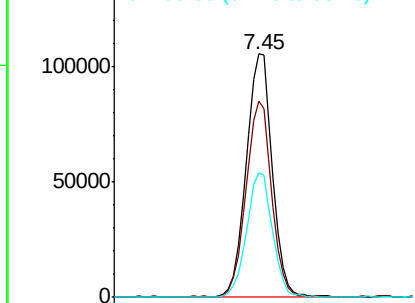
#39
Methylvlcyclohexane
Concen: 21.187 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampled :
VX1115WBS01

Tot Ion	83	Resp	234748
Ion Ratio	Lower	Upper	
83	100		
55	80.5	60.3	90.5
98	50.9	40.3	60.5

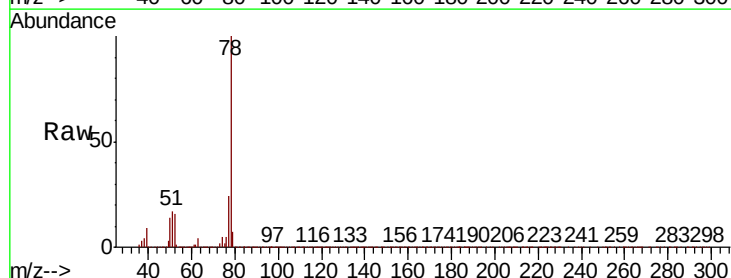


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

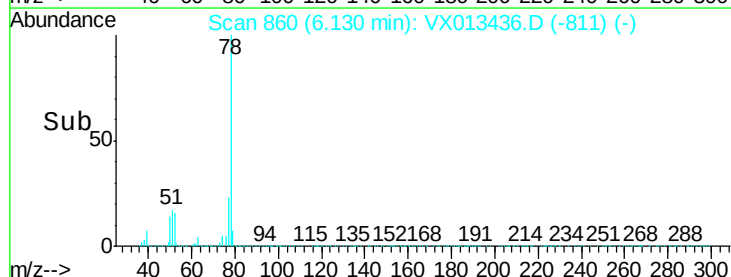
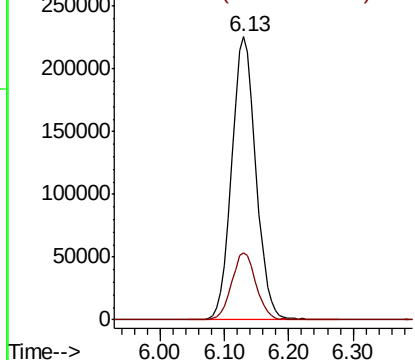


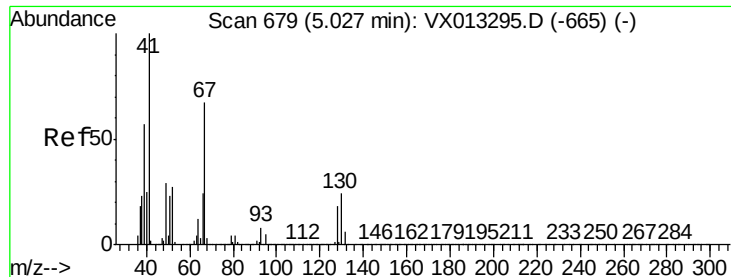
#40
Benzene
Concen: 21.342 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	78	Resp	591148
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.5	29.3



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





#41

Methacrylonitrile

Concen: 20.974 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampled :

VX1115WBS01

Tot Ion: 41 Resp: 129173

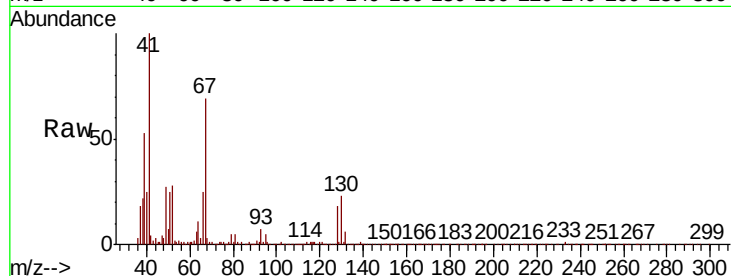
Ion Ratio Lower Upper

41 100

39 53.8 45.0 67.6

67 68.0 55.4 83.2

52 27.4 23.1 34.7

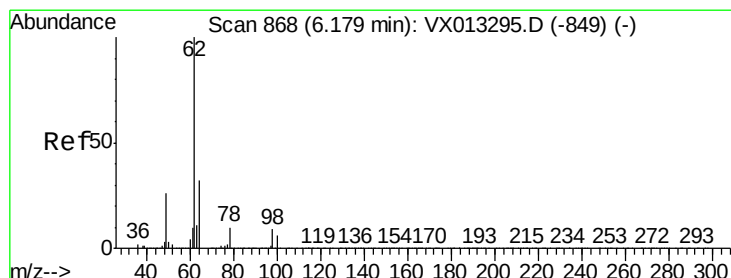
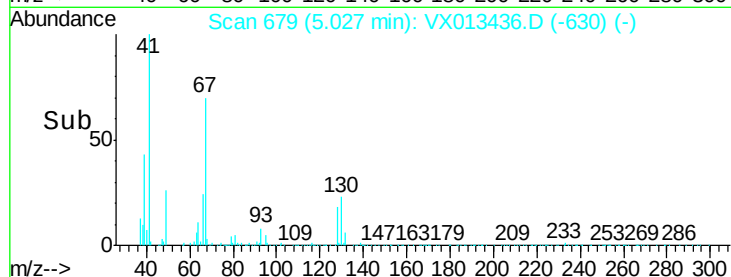
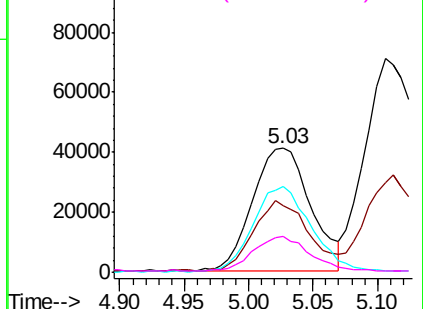


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.798 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013436.D

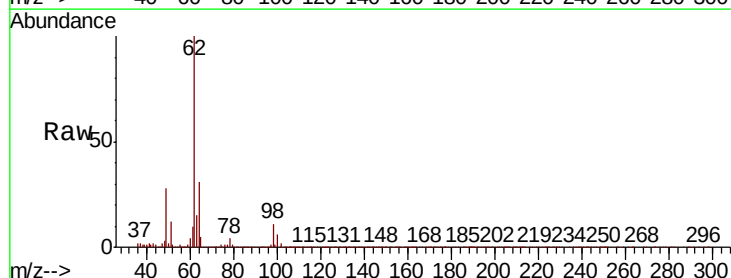
Acq: 15 Nov 2019 11:10

Tgt Ion: 62 Resp: 207799

Ion Ratio Lower Upper

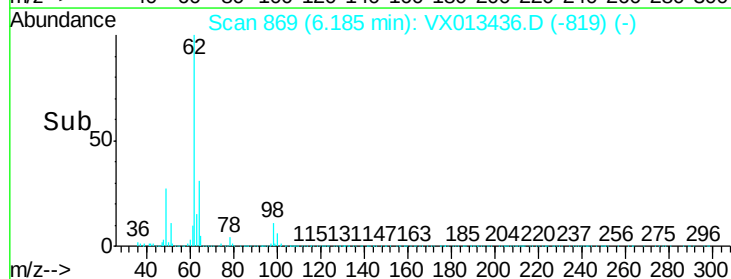
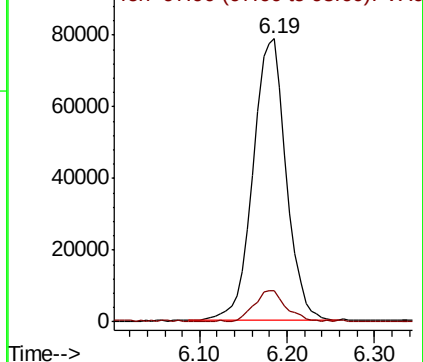
62 100

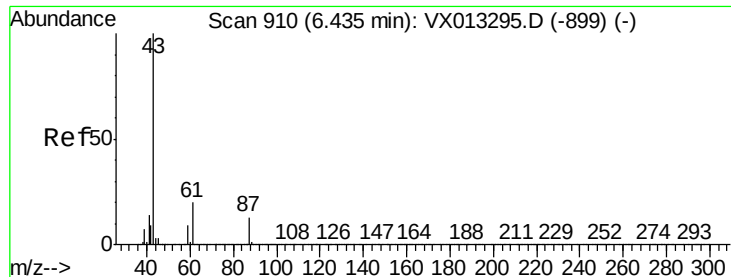
98 10.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.193 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

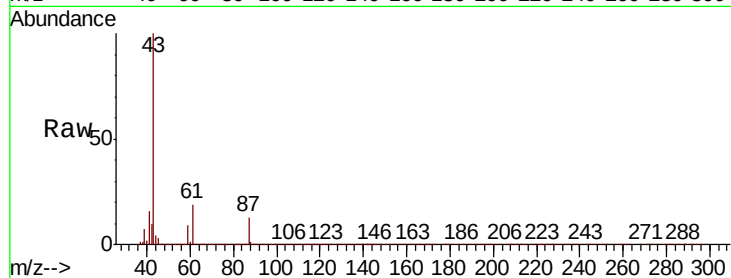
Tot Ion: 43 Resp: 362607

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

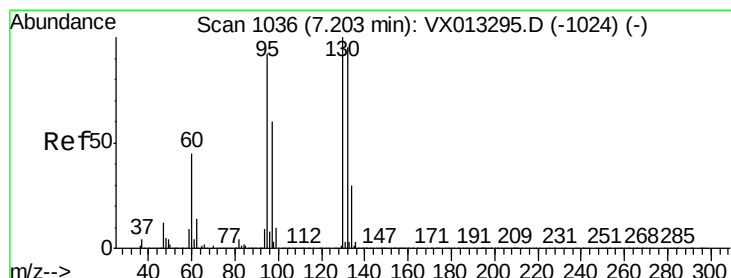
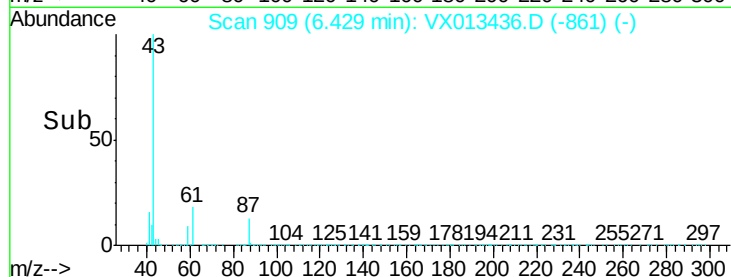
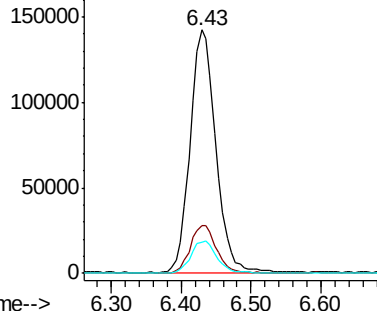
87 13.4 10.4 15.6



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



#44

Trichloroethene

Concen: 20.812 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013436.D

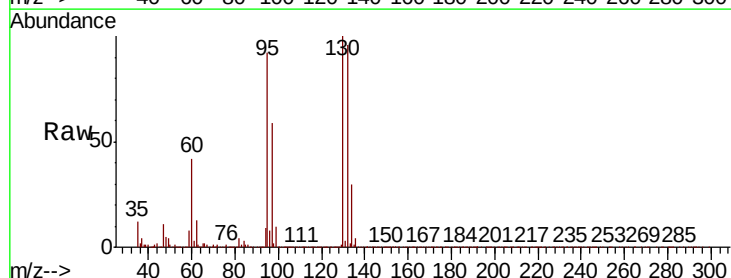
Acq: 15 Nov 2019 11:10

Tgt Ion:130 Resp: 158678

Ion Ratio Lower Upper

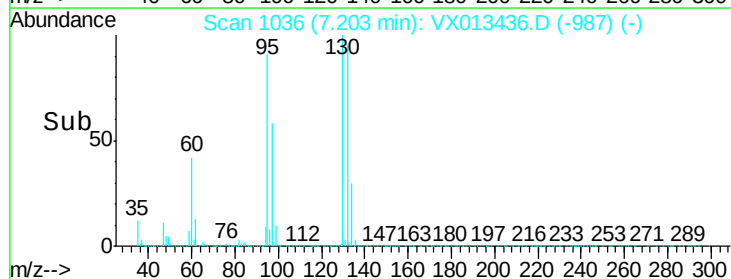
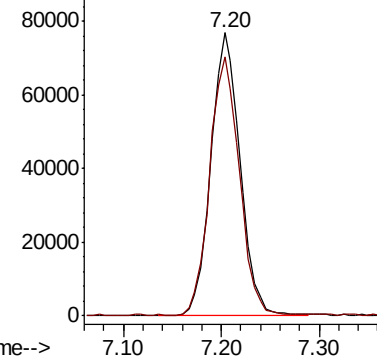
130 100

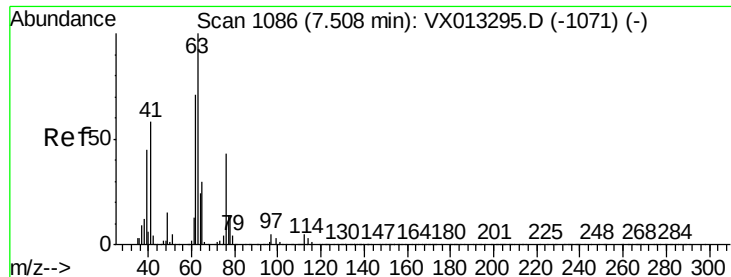
95 91.6 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

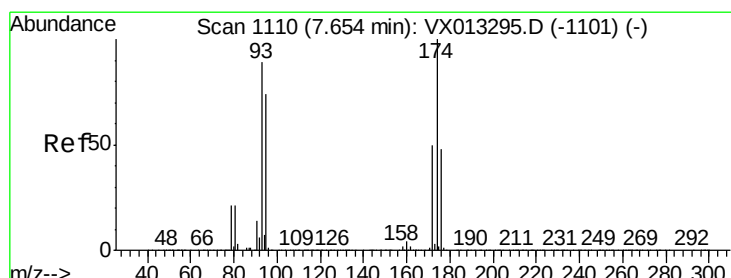
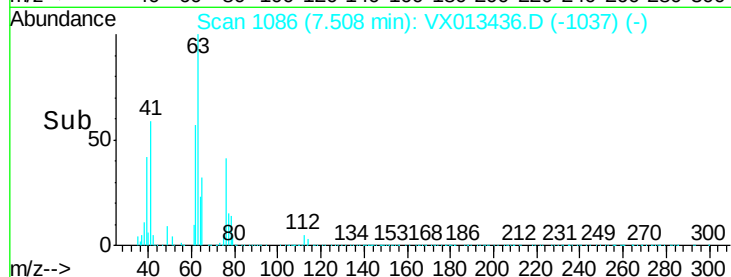
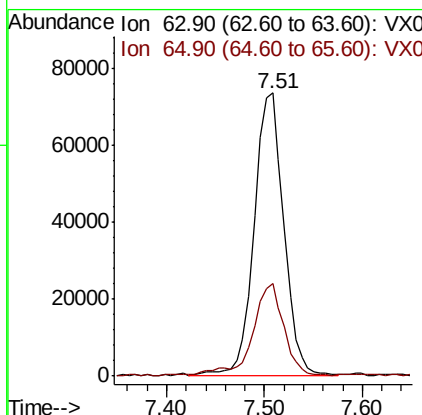
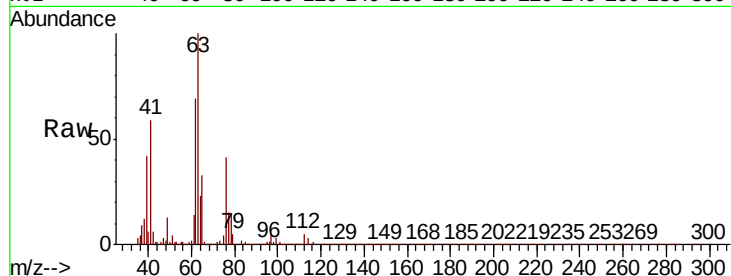




#45
 1,2-Dichloropropane
 Concen: 21.759 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

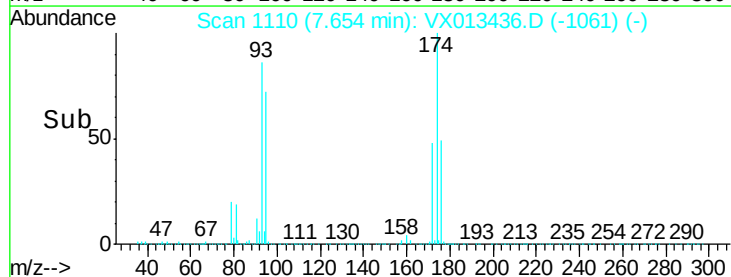
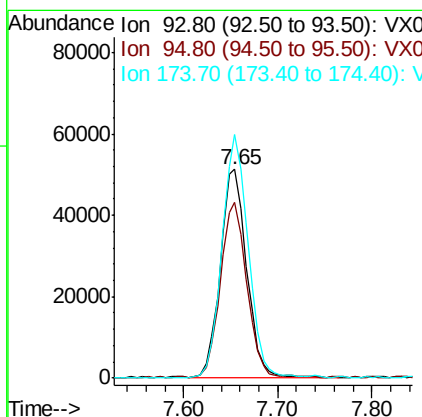
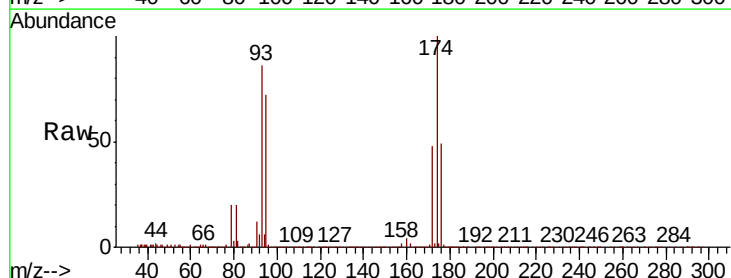
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

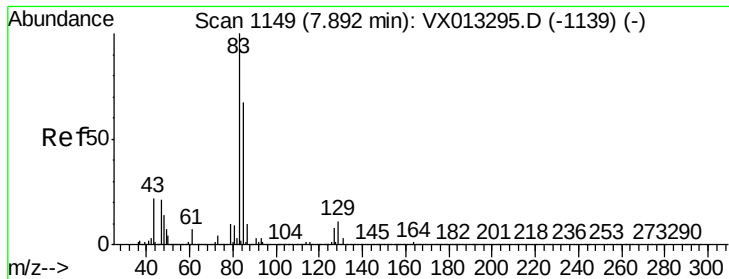
Tot Ion: 63 Resp: 153567
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#46
 Dibromomethane
 Concen: 20.606 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion: 93 Resp: 99294
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.8 98.6
 174 115.2 90.4 135.6





#47

Bromodichloromethane

Concen: 21.540 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

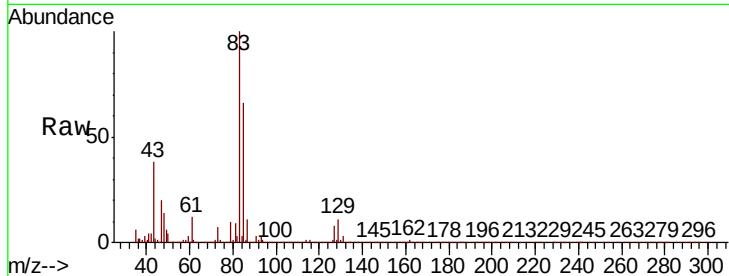
Tot Ion: 83 Resp: 195725

Ion Ratio Lower Upper

83 100

85 65.9 53.7 80.5

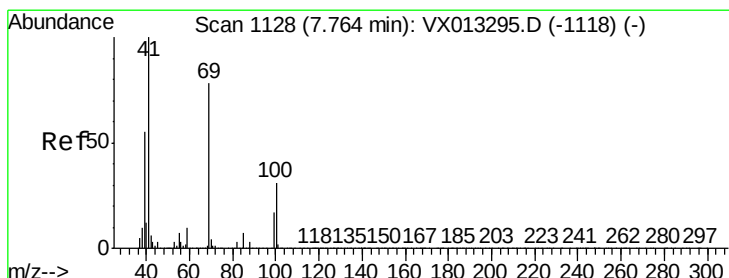
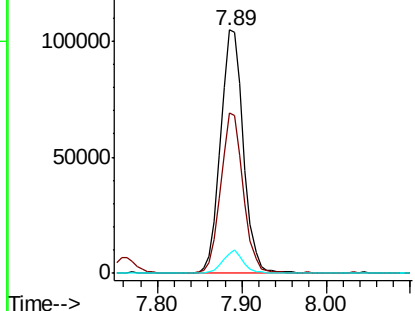
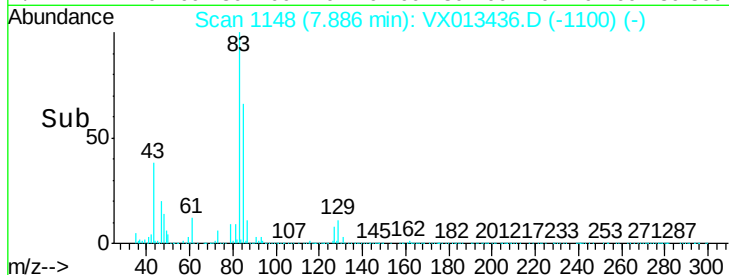
127 7.9 6.4 9.6



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: 21.082 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

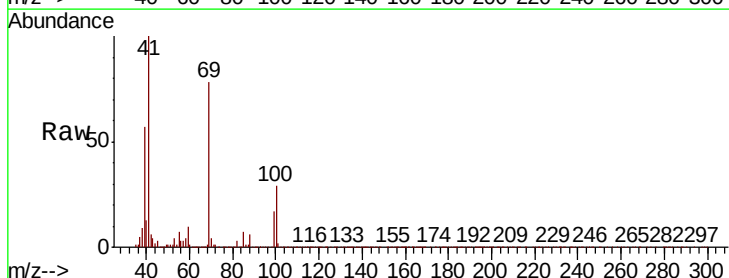
Tgt Ion: 41 Resp: 180062

Ion Ratio Lower Upper

41 100

69 79.6 63.0 94.6

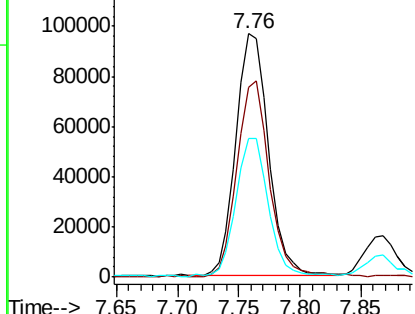
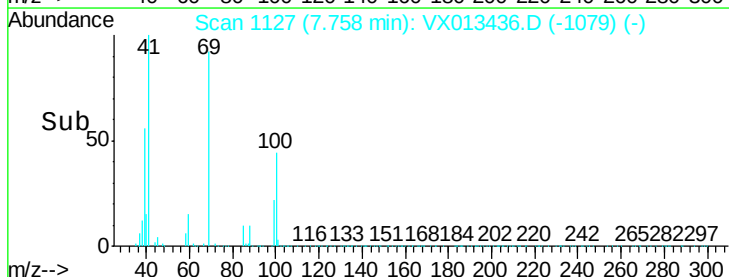
39 57.0 45.9 68.9

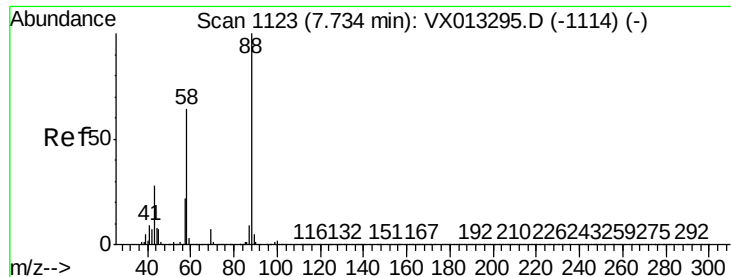


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 390.762 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

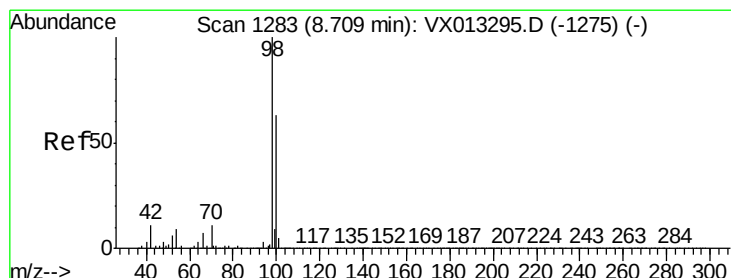
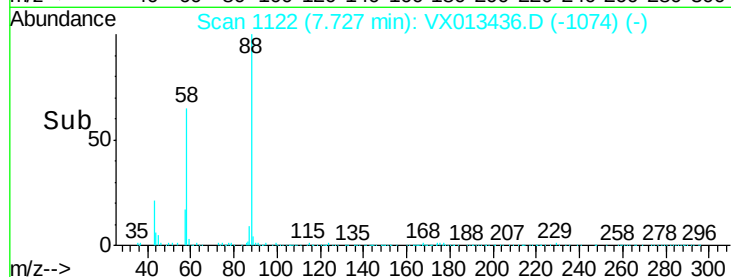
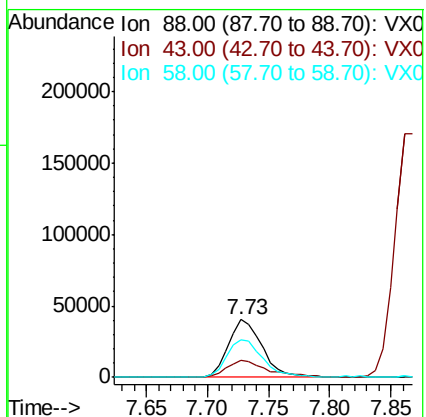
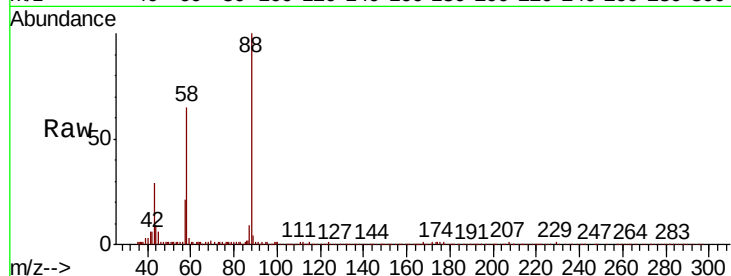
Tot Ion: 88 Resp: 76431

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

58 71.6 55.0 82.6



#50

Toluene-d8

Concen: 53.495 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013436.D

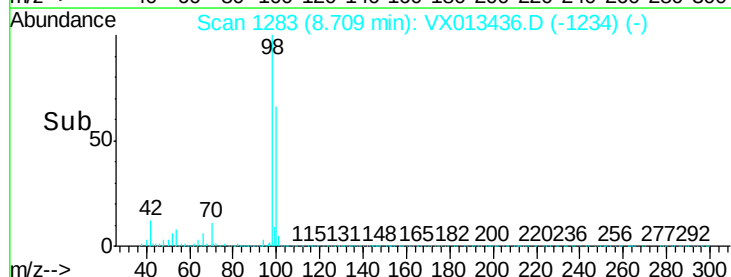
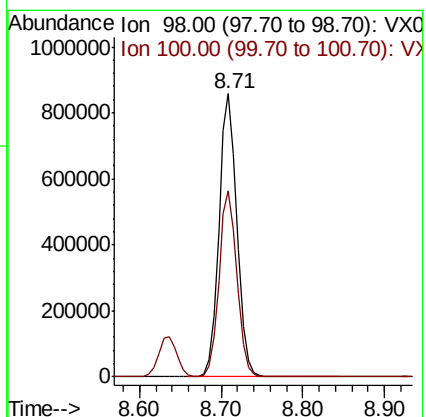
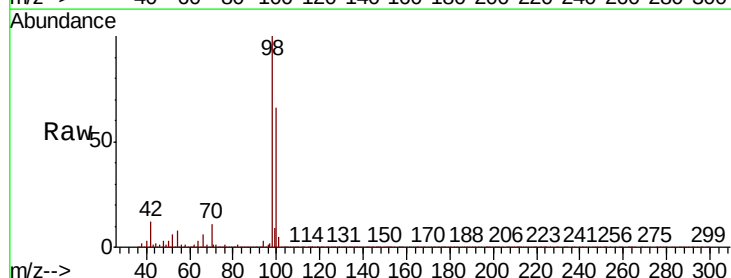
Acq: 15 Nov 2019 11:10

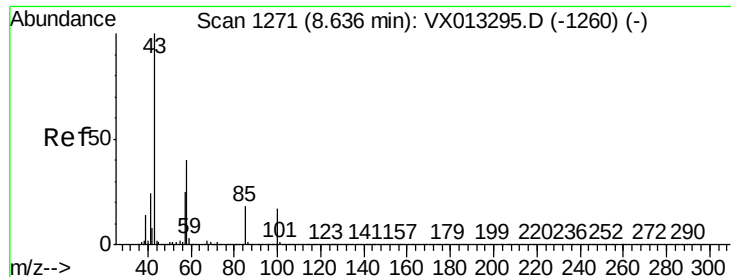
Tgt Ion: 98 Resp: 1311115

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 104.744 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

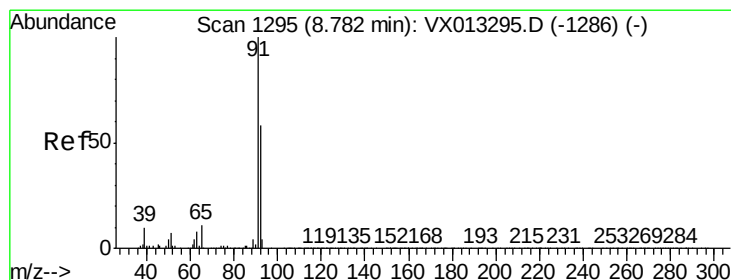
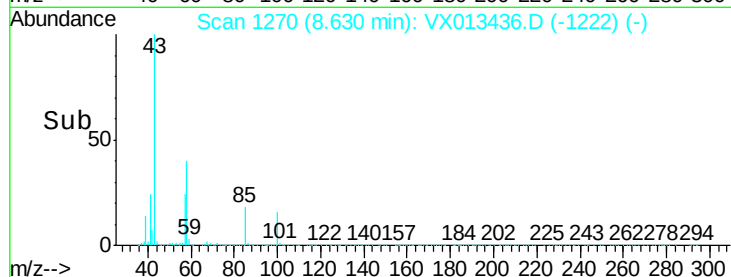
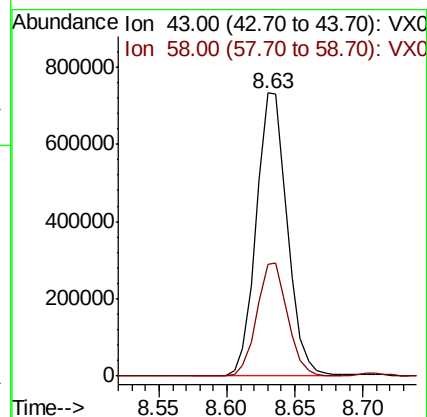
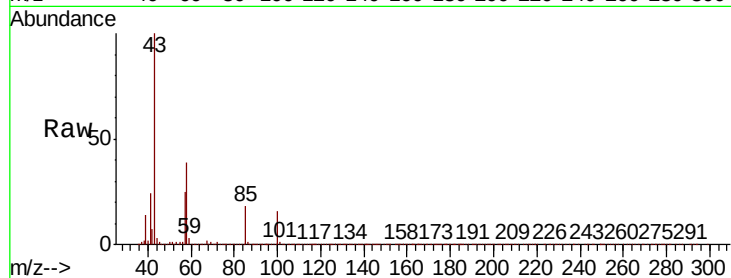
VX1115WBS01

Tot Ion: 43 Resp: 1175803

Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.0



#52

Toluene

Concen: 21.925 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013436.D

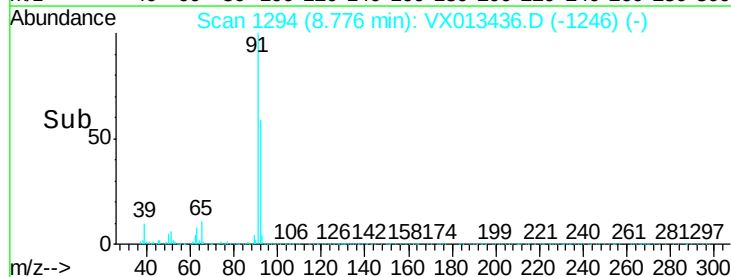
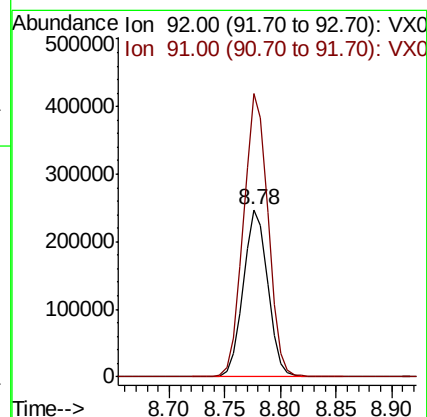
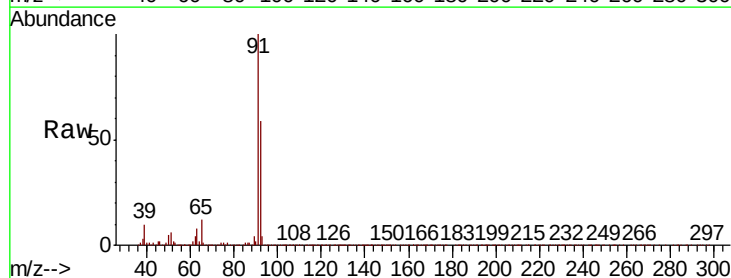
Acq: 15 Nov 2019 11:10

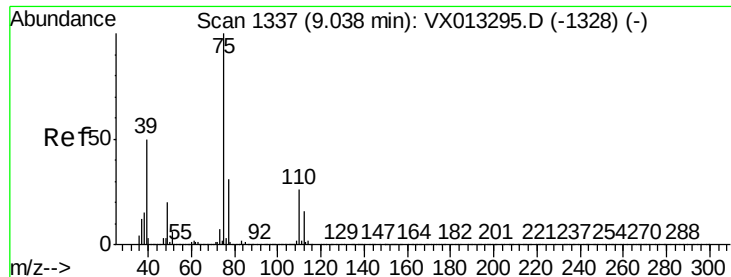
Tgt Ion: 92 Resp: 376401

Ion Ratio Lower Upper

92 100

91 170.1 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 21.623 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

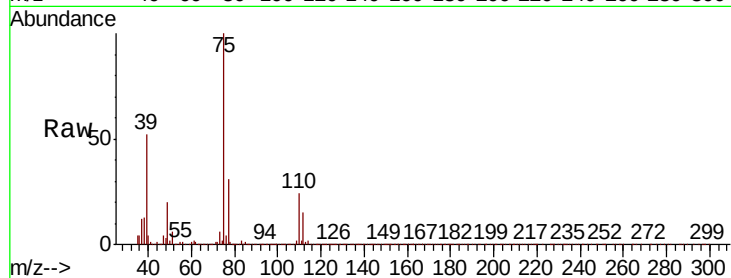
VX1115WBS01

Tot Ion: 75 Resp: 214849

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

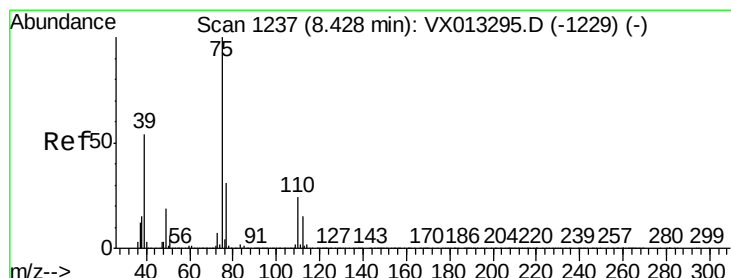
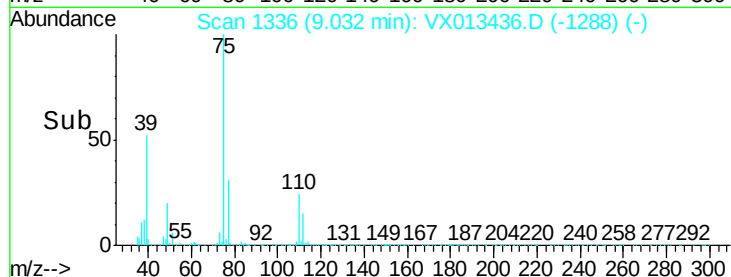
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.723 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

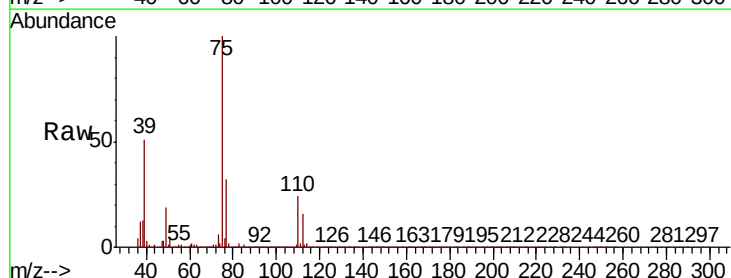
Tgt Ion: 75 Resp: 241439

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

39 50.9 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

200000

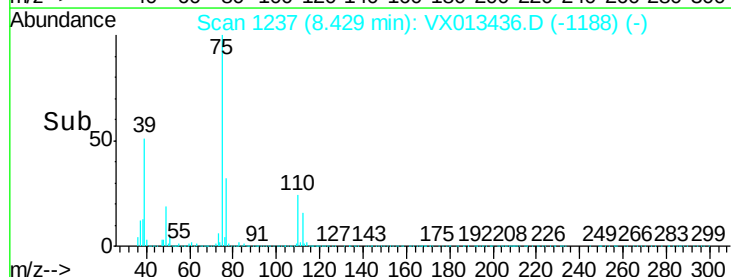
150000

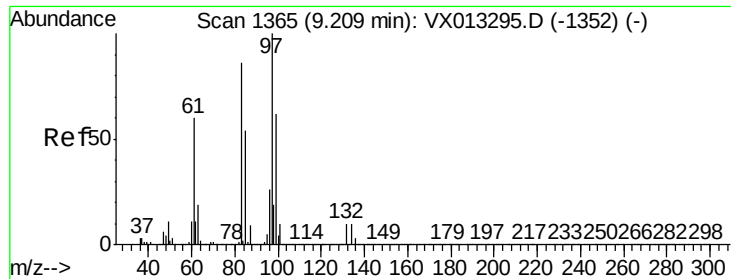
100000

50000

0

Time-->

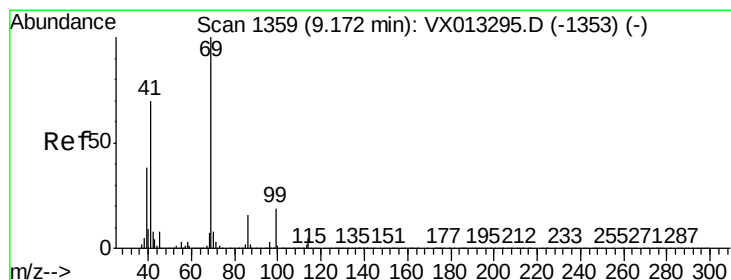
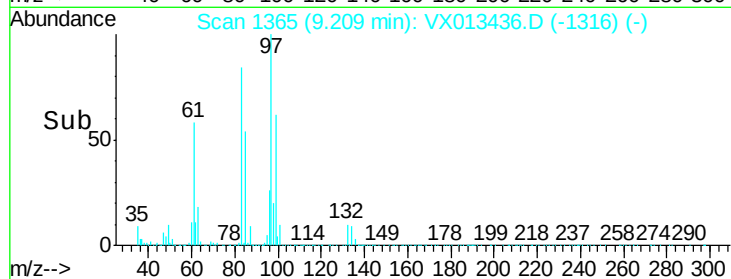
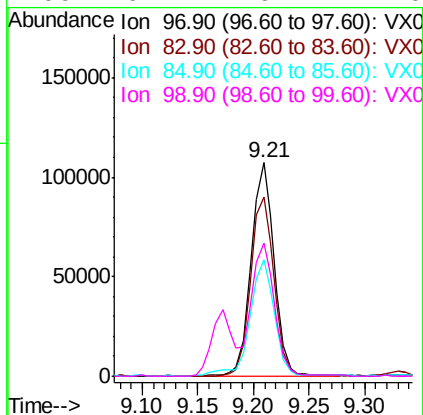
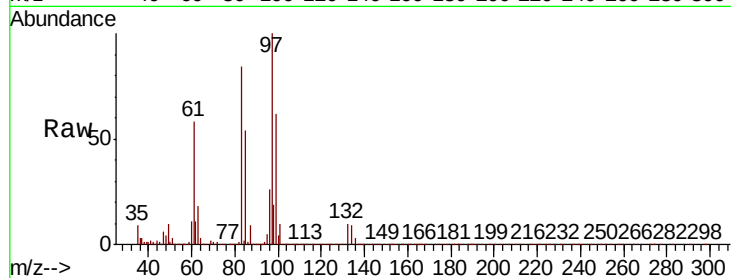




#55
 1,1,2-Trichloroethane
 Concen: 21.536 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

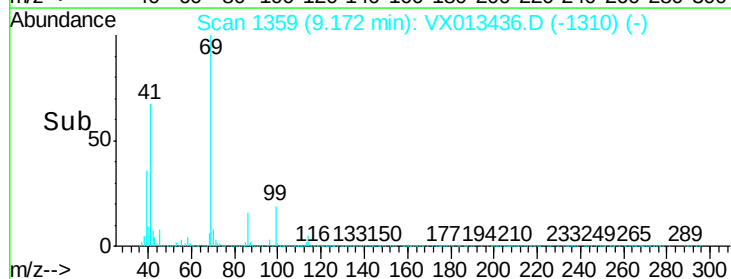
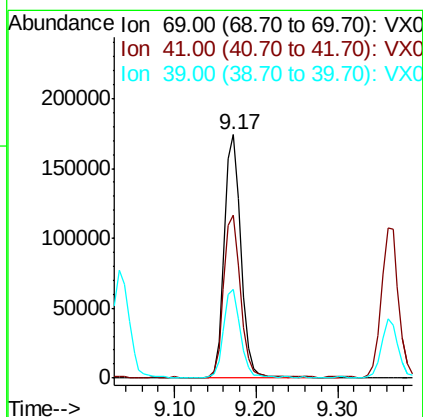
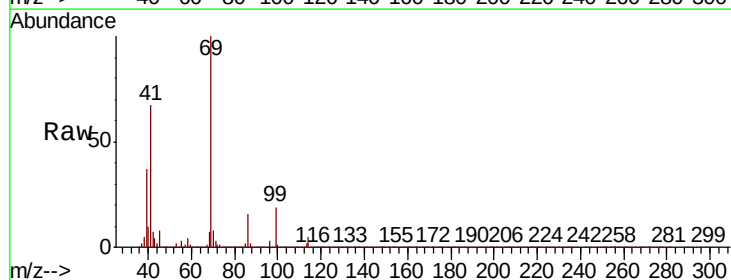
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

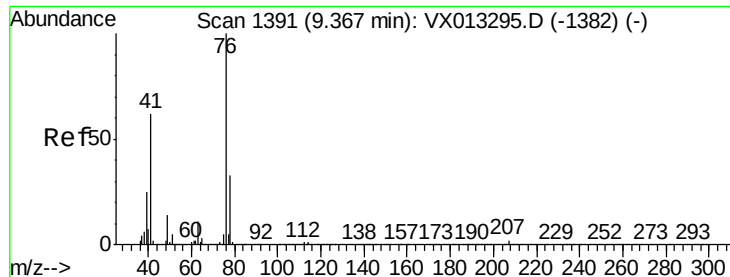
Tot Ion:	97	Resp:	153243
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.6	103.0
85	54.3	43.1	64.7
99	62.1	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 21.050 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion:	69	Resp:	244372
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.2	84.2
39	36.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 21.681 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

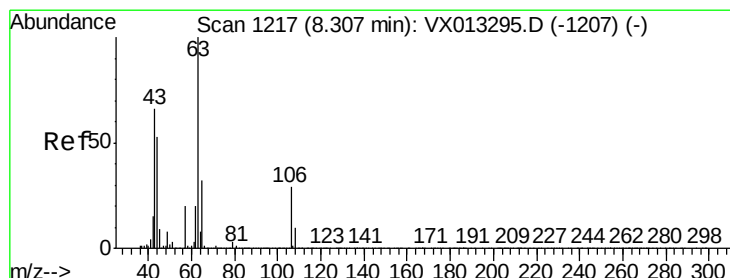
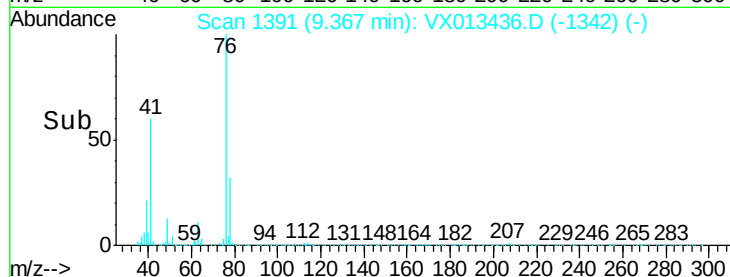
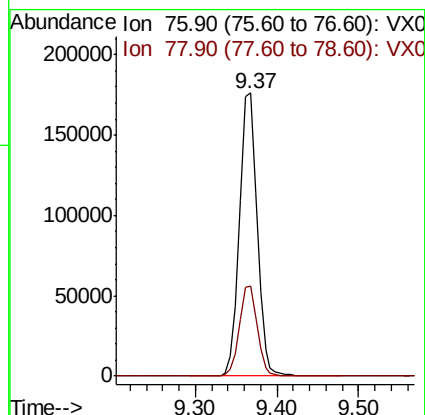
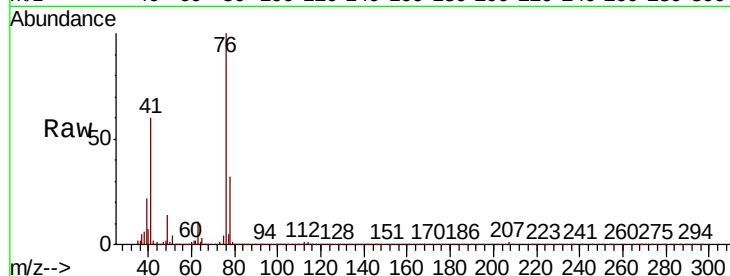
VX1115WBS01

Tot Ion: 76 Resp: 261886

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.421 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013436.D

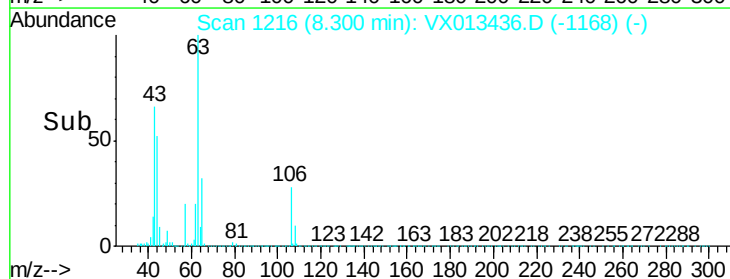
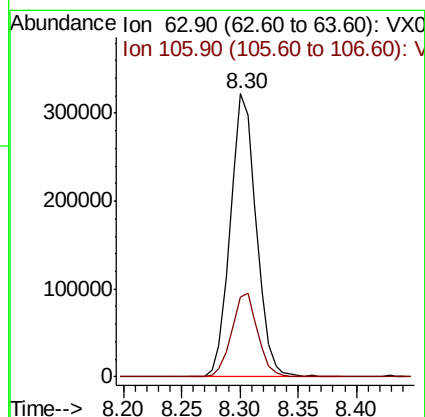
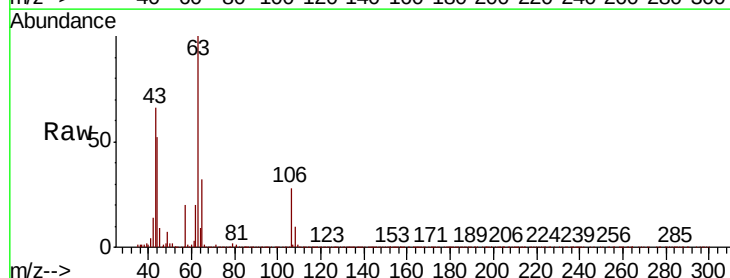
Acq: 15 Nov 2019 11:10

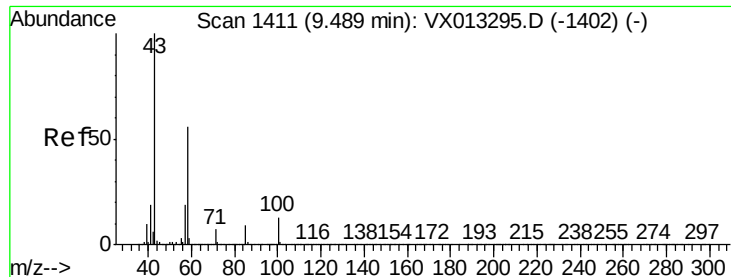
Tgt Ion: 63 Resp: 498320

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2

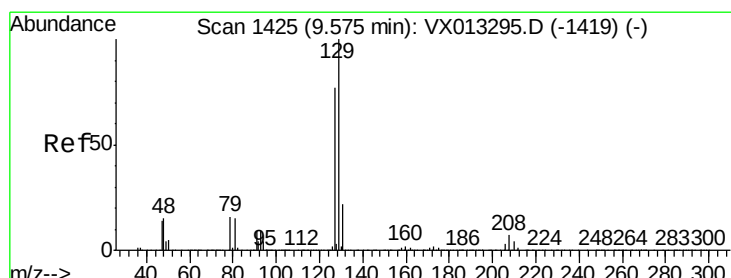
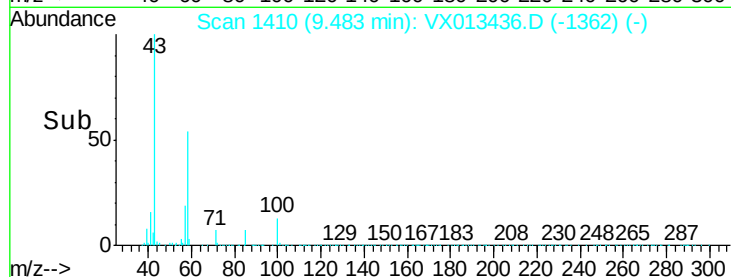
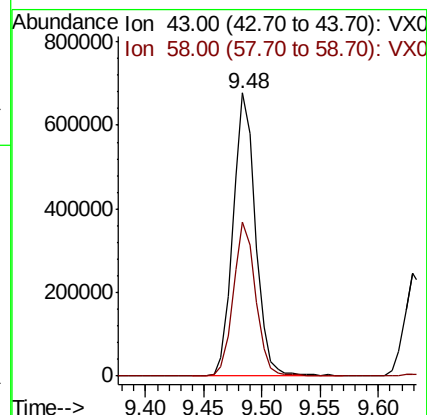
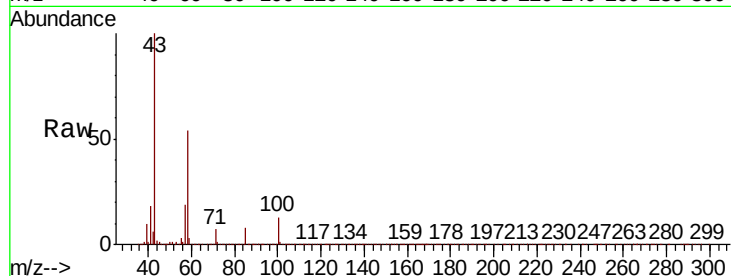




#59
2-Hexanone
Concen: 104.340 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

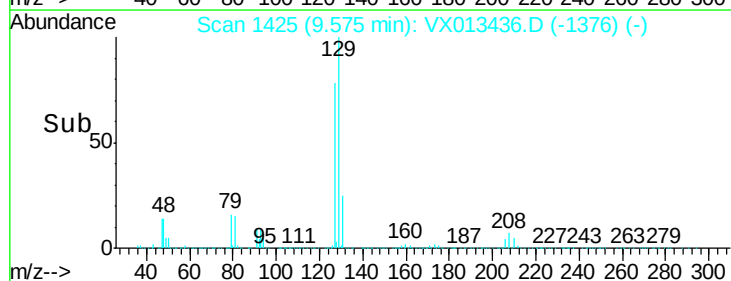
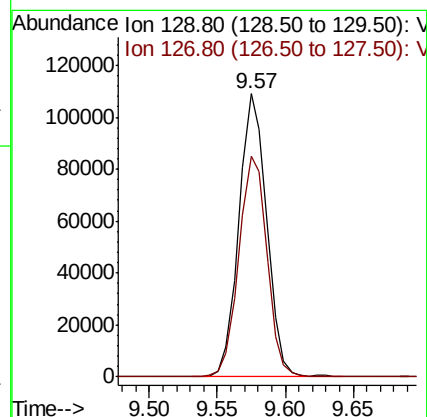
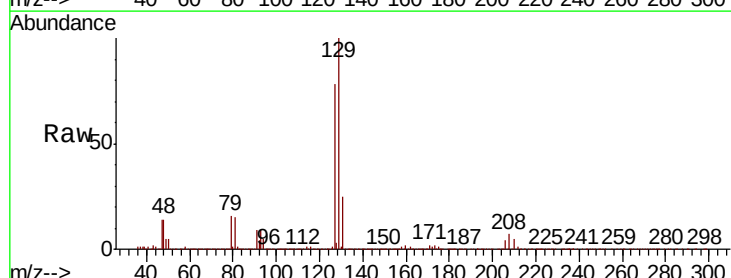
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

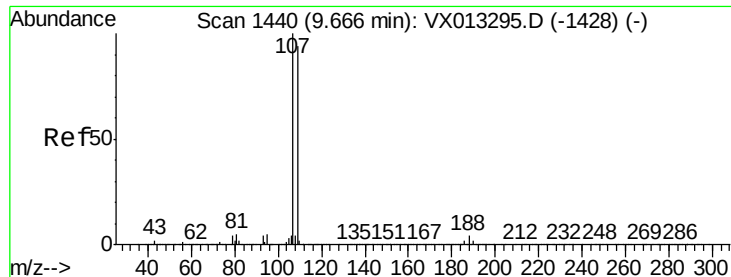
Tot Ion: 43 Resp: 905133
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 21.282 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 129 Resp: 154878
Ion Ratio Lower Upper
129 100
127 79.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.023 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

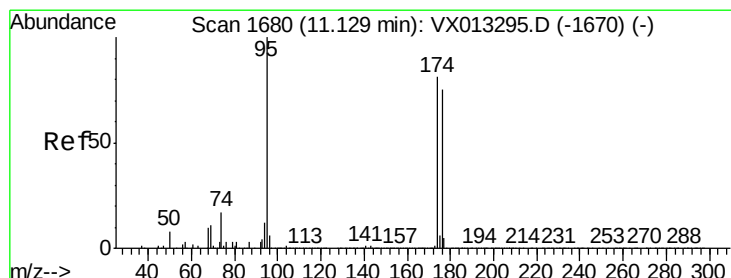
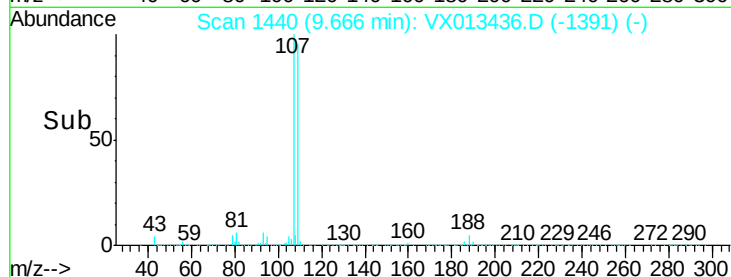
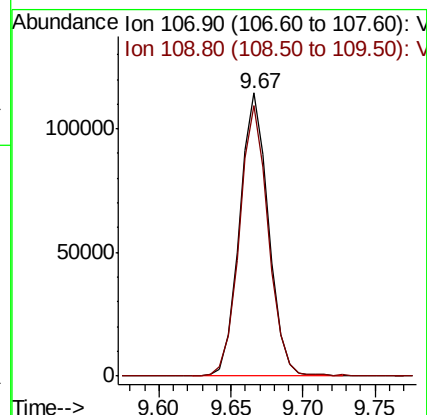
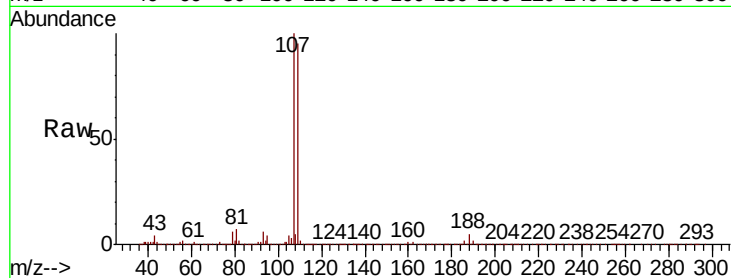
VX1115WBS01

Tot Ion:107 Resp: 158849

Ion Ratio Lower Upper

107 100

109 96.3 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 52.685 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

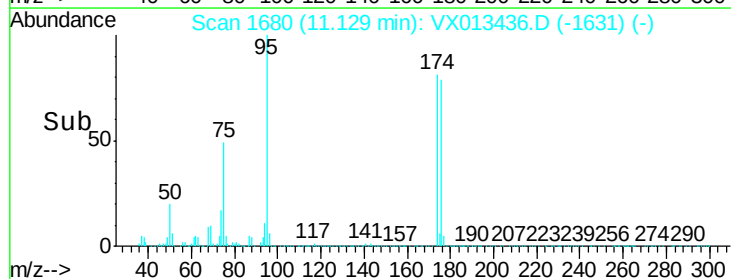
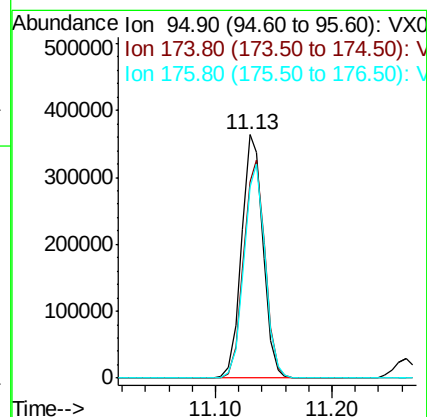
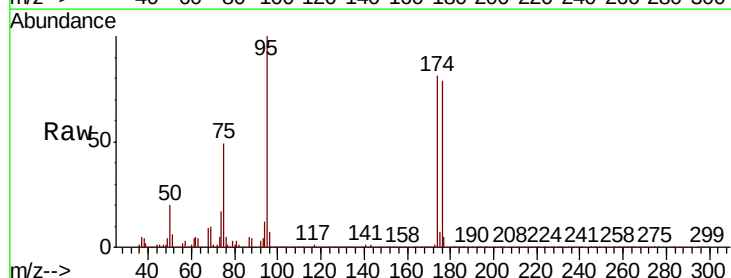
Tgt Ion: 95 Resp: 466020

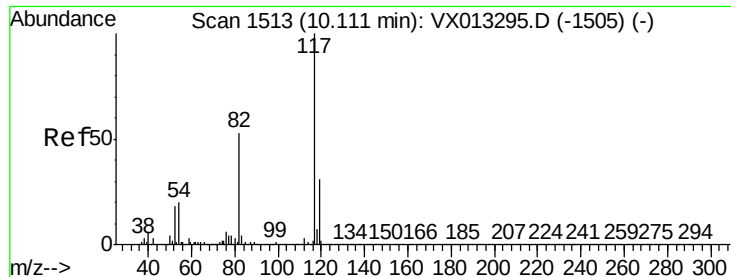
Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.8

176 86.8 0.0 173.0

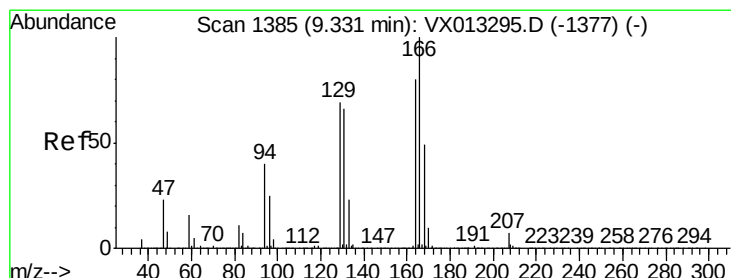
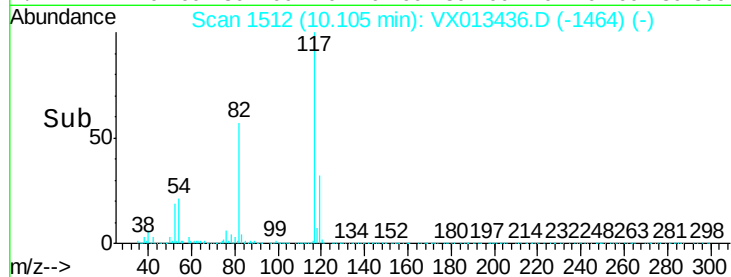
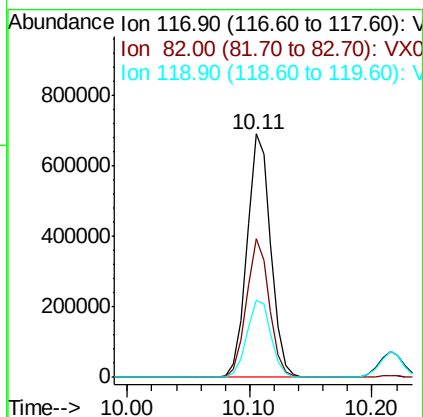
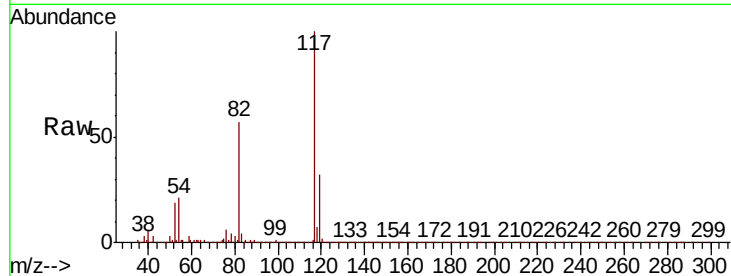




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

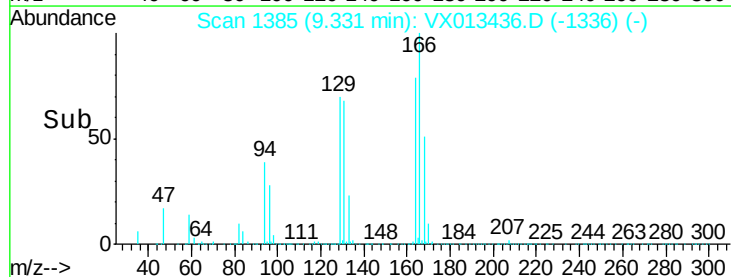
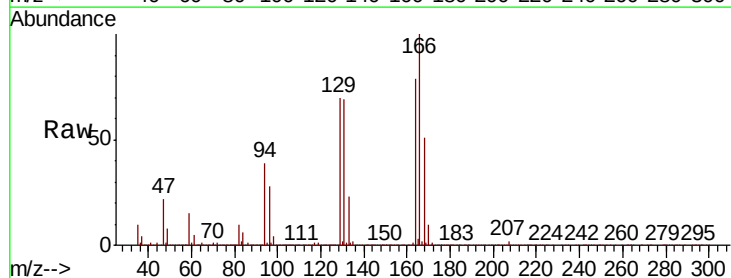
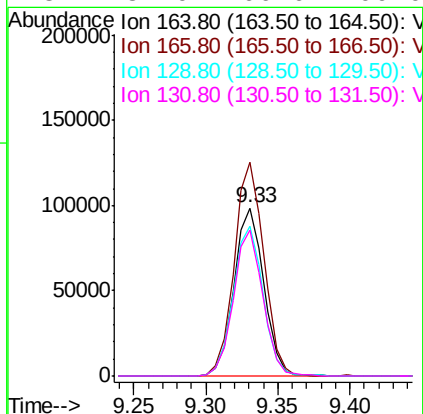
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

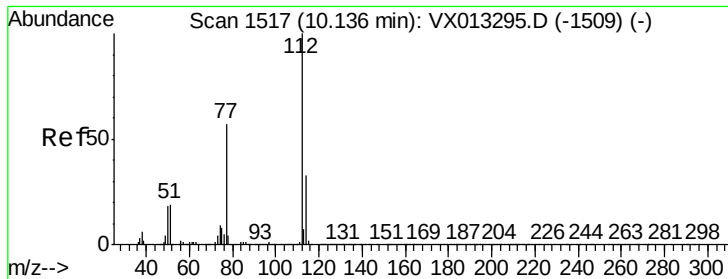
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.6	64.0
119	31.8	24.8	37.2



#64
Tetrachloroethene
Concen: 21.345 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.4	150.6
129	88.6	69.4	104.2
131	87.0	66.6	100.0

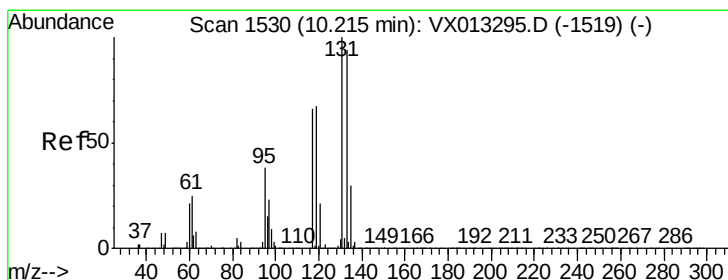
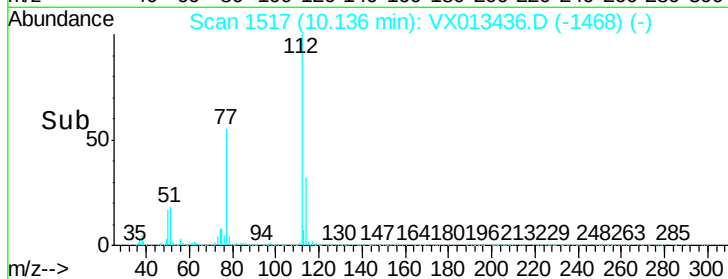
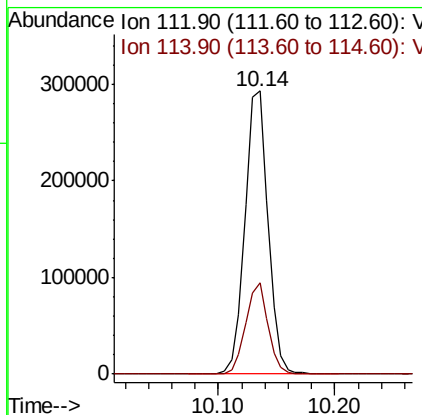
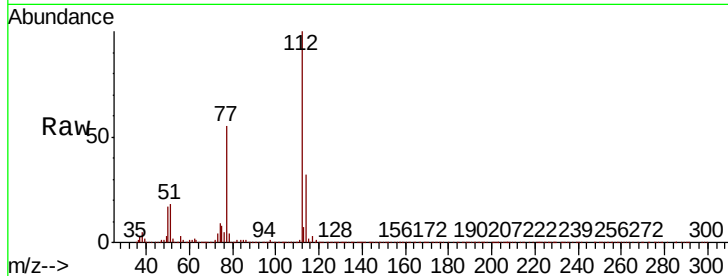




#65
Chlorobenzene
Concen: 21.668 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

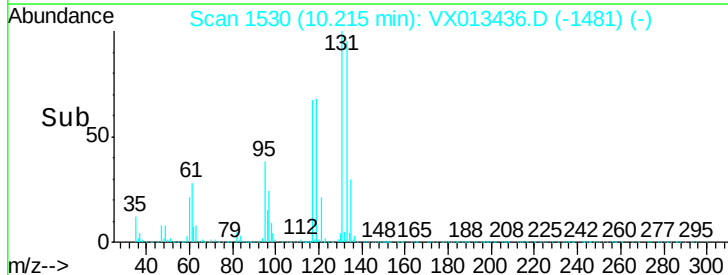
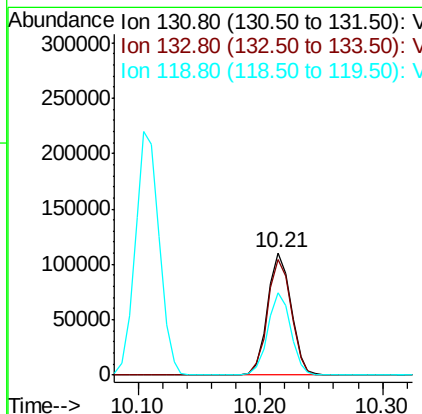
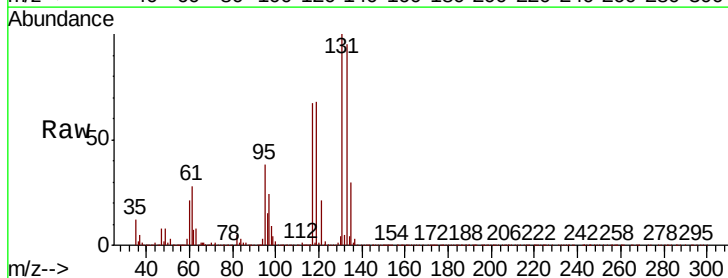
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

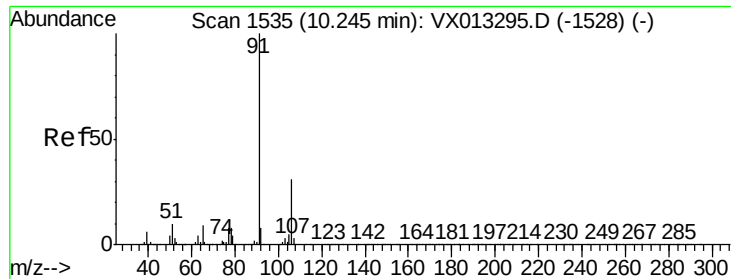
Tot Ion:112 Resp: 407487
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.539 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion:131 Resp: 148724
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 65.9 33.0 99.0





#67

Ethyl Benzene

Concen: 21.829 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

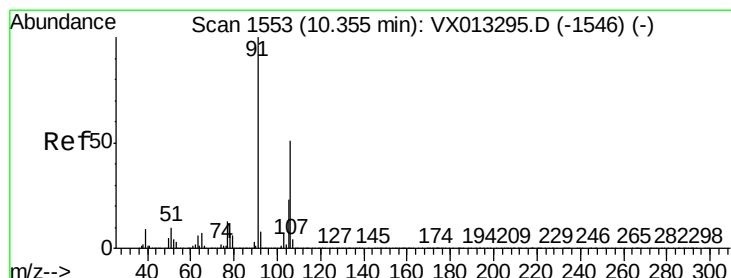
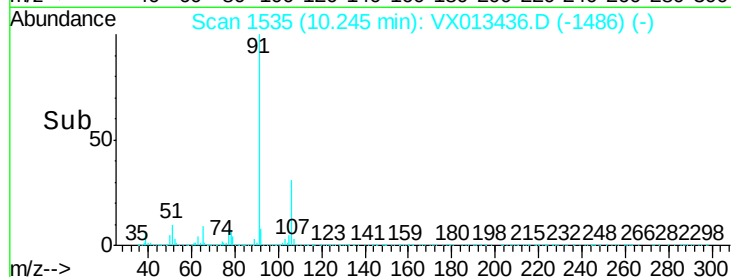
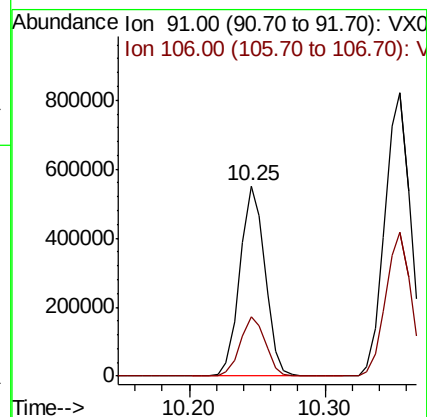
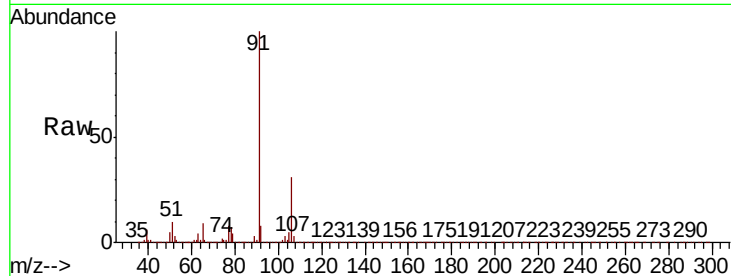
VX1115WBS01

Tot Ion: 91 Resp: 708498

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 44.168 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013436.D

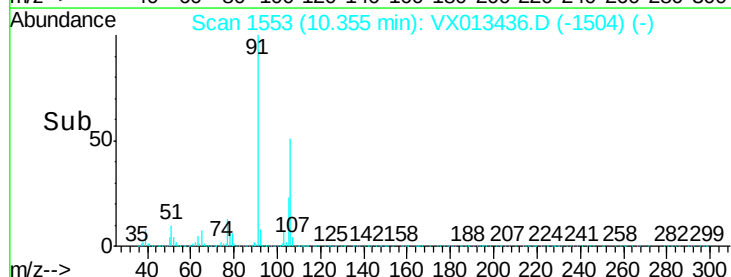
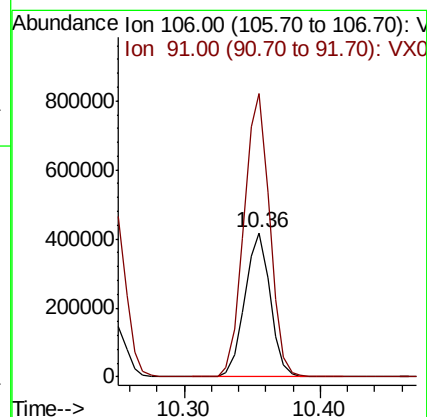
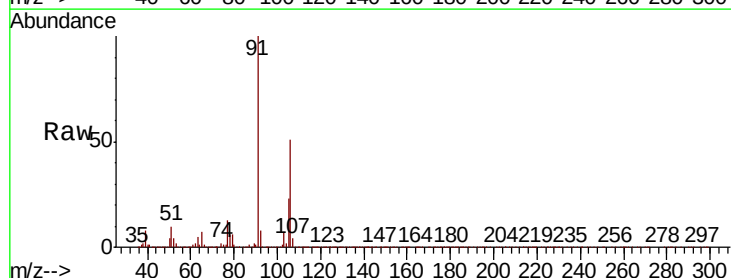
Acq: 15 Nov 2019 11:10

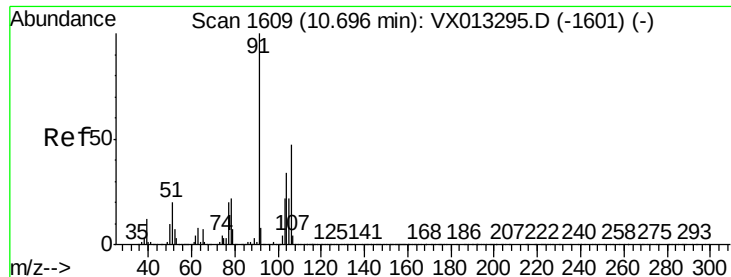
Tgt Ion: 106 Resp: 542161

Ion Ratio Lower Upper

106 100

91 199.6 159.3 238.9

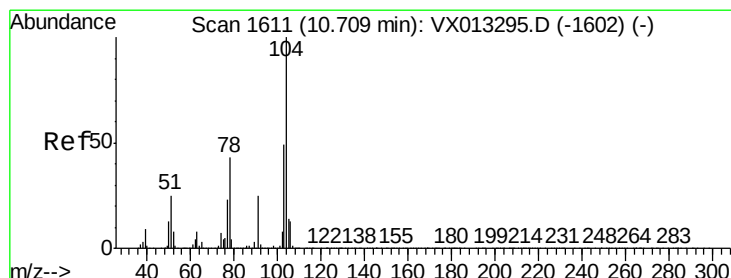
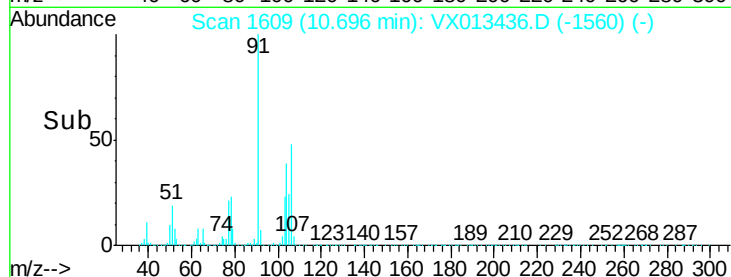
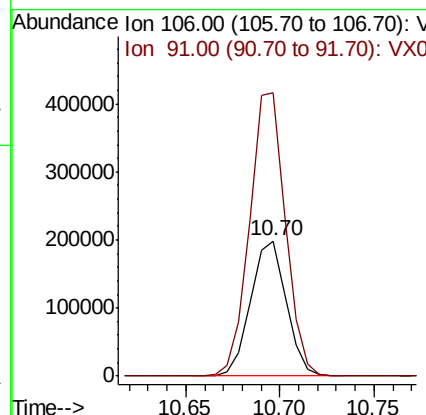
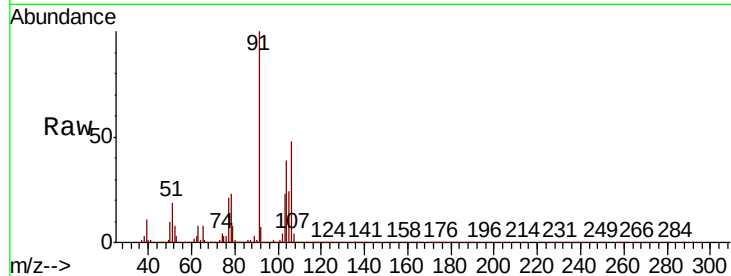




#69
o-Xylene
Concen: 21.591 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

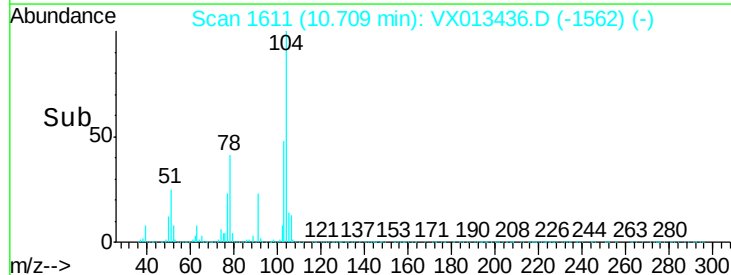
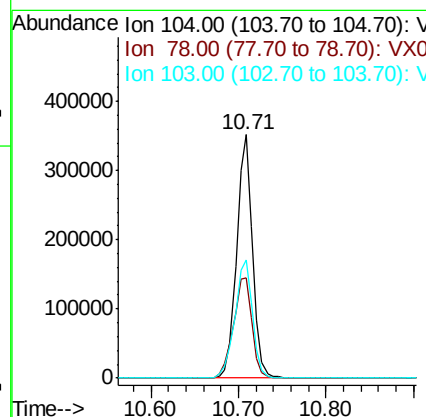
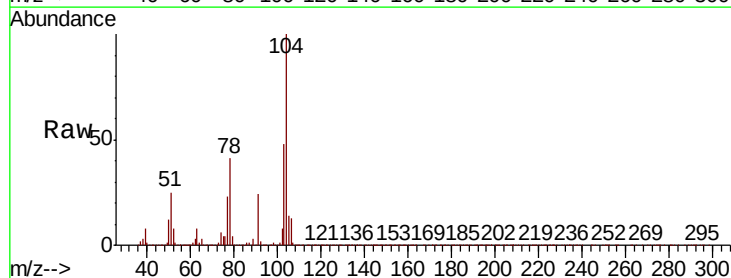
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

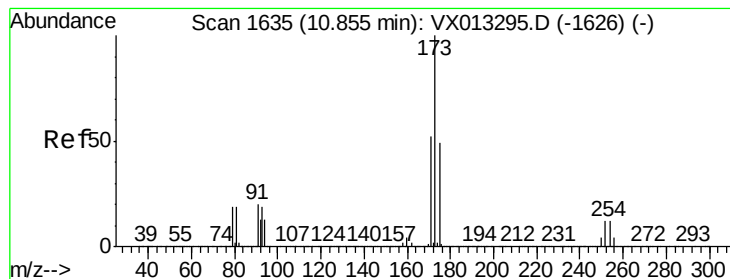
Tot Ion:106 Resp: 259468
Ion Ratio Lower Upper
106 100
91 211.7 105.7 317.0



#70
Styrene
Concen: 22.262 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion:104 Resp: 447210
Ion Ratio Lower Upper
104 100
78 48.2 40.0 60.0
103 54.0 44.1 66.1





#71

Bromoform

Concen: 20.489 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

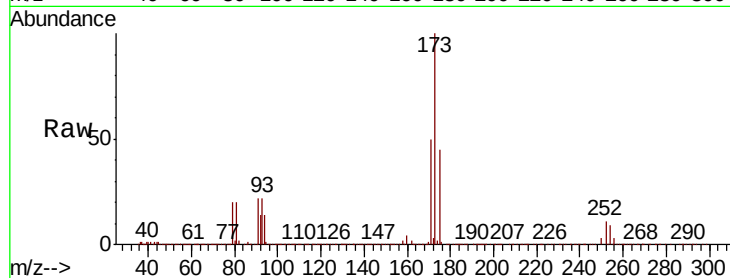
Tot Ion:173 Resp: 118247

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

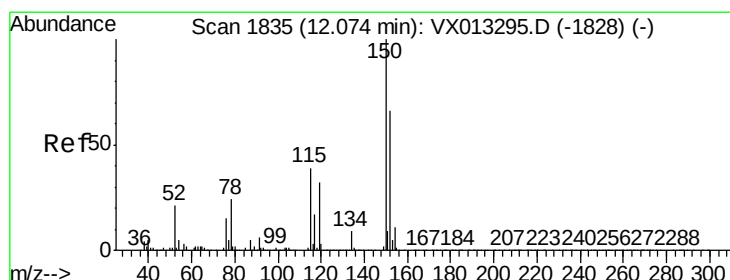
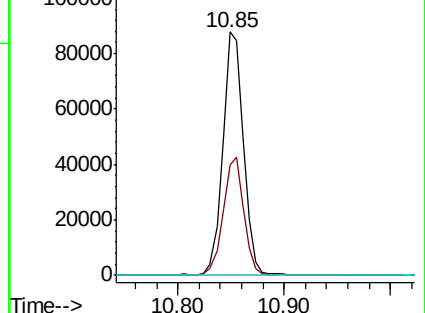
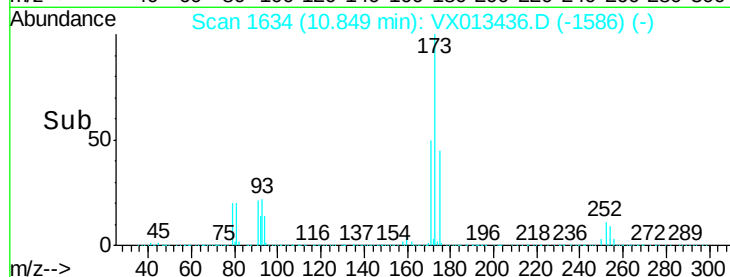
254 0.1 0.2 0.2#



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: VX013436.D

Acq: 15 Nov 2019 11:10

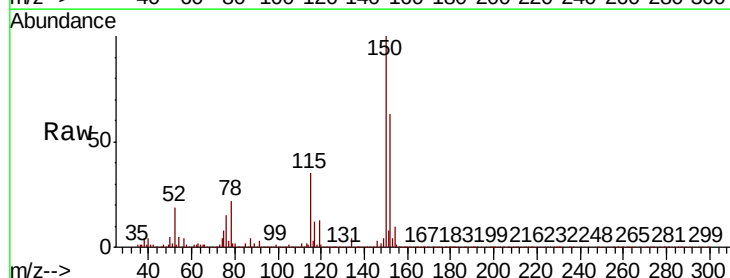
Tgt Ion:152 Resp: 467155

Ion Ratio Lower Upper

152 100

115 65.2 39.5 118.3

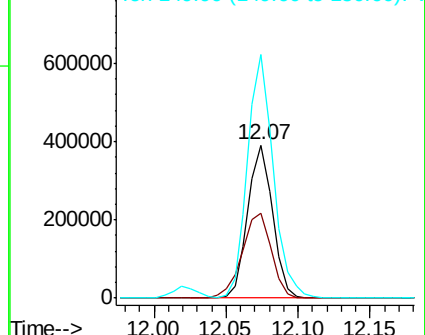
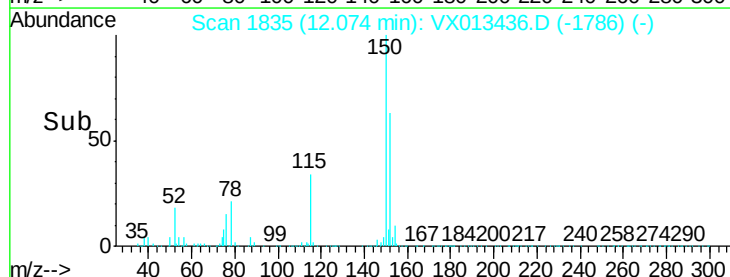
150 165.2 0.0 344.4

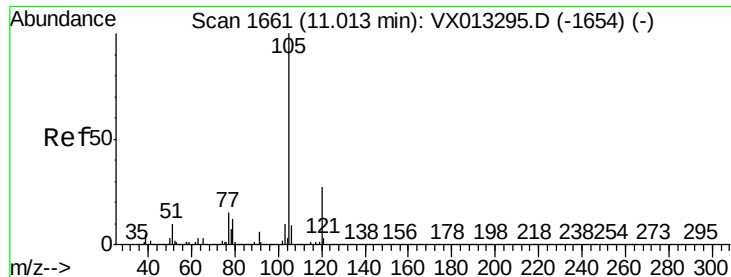


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.682 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

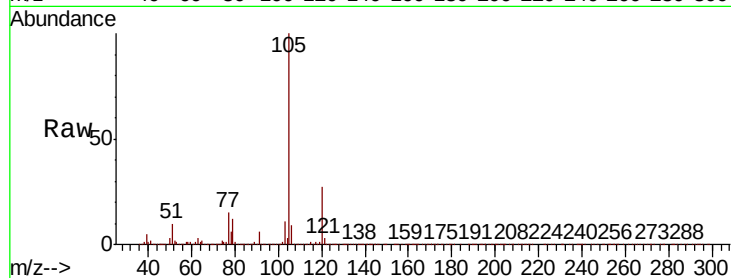
VX1115WBS01

Tot Ion:105 Resp: 702540

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

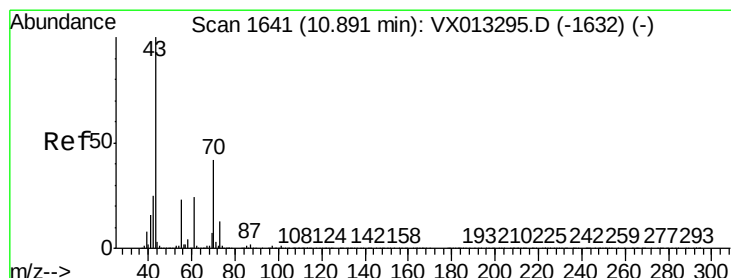
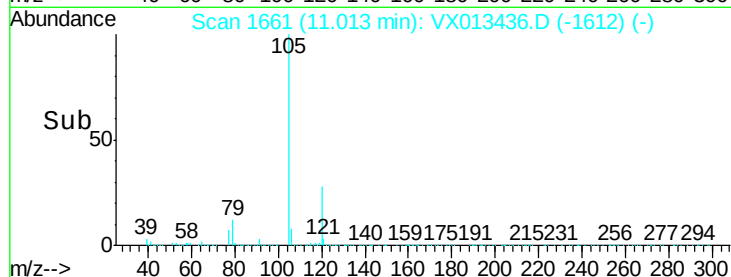
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 22.019 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion: 43 Resp: 316251

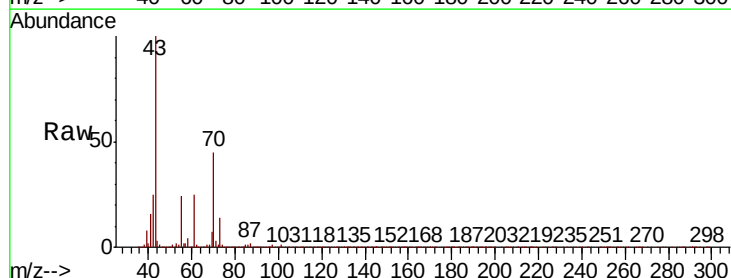
Ion Ratio Lower Upper

43 100

70 43.8 34.1 51.1

55 24.6 18.9 28.3

61 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

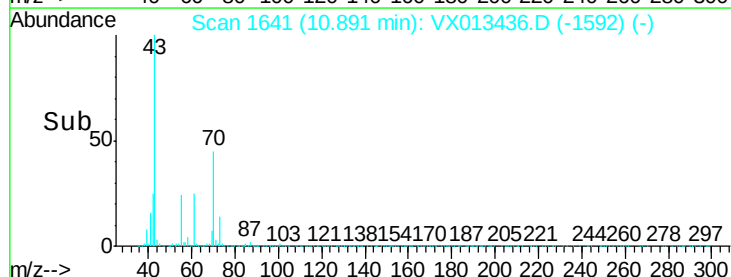
300000

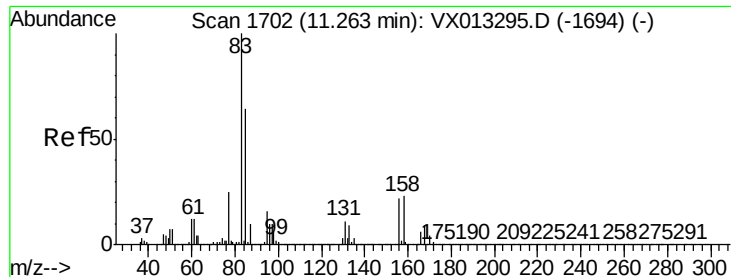
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 21.934 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

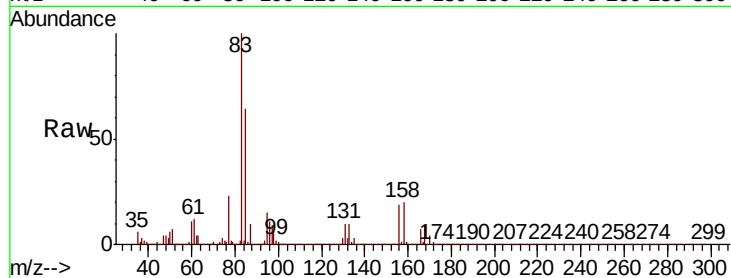
Tot Ion: 83 Resp: 247844

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

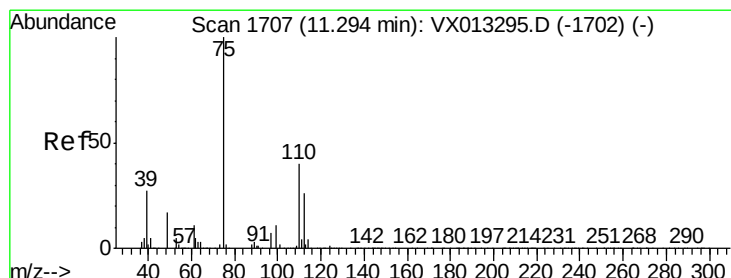
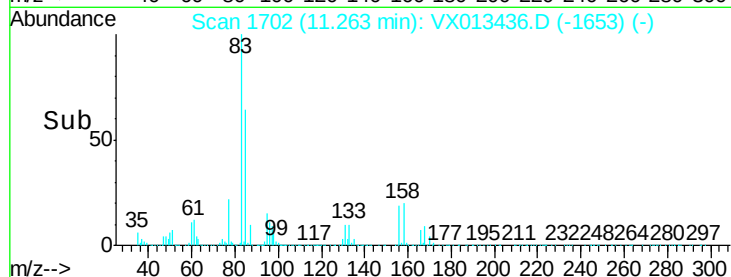
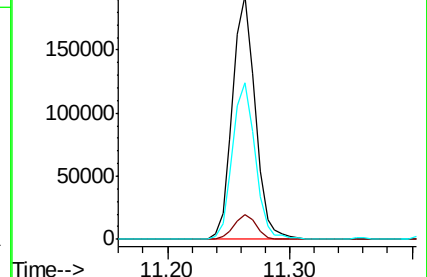
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.341 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013436.D

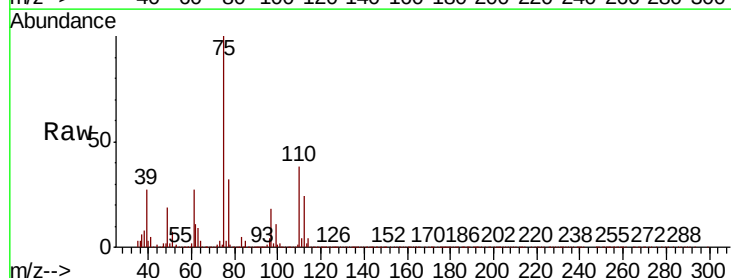
Acq: 15 Nov 2019 11:10

Tgt Ion: 75 Resp: 268912

Ion Ratio Lower Upper

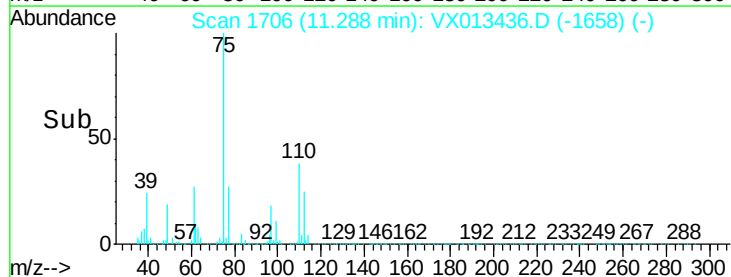
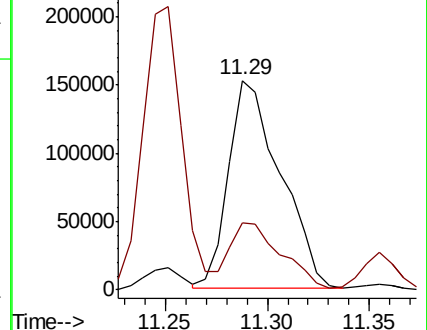
75 100

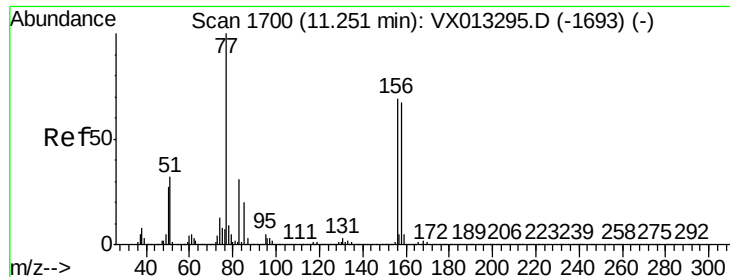
77 33.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.234 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

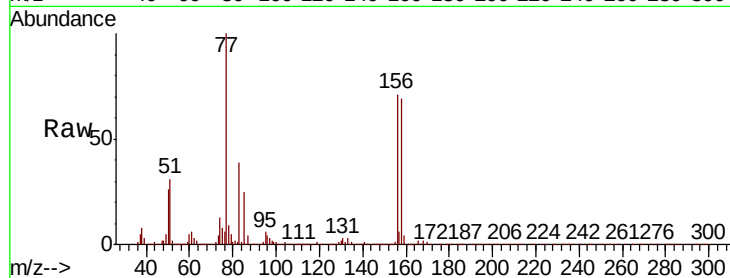
Tot Ion:156 Resp: 183585

Ion Ratio Lower Upper

156 100

77 148.7 75.8 227.4

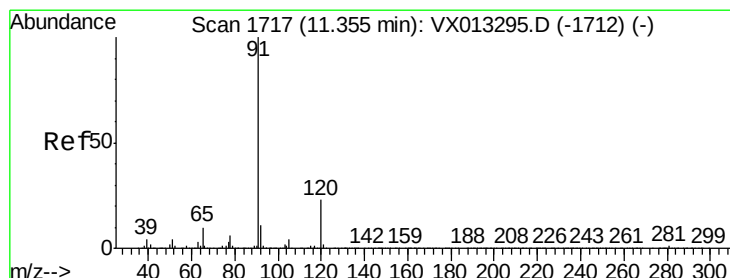
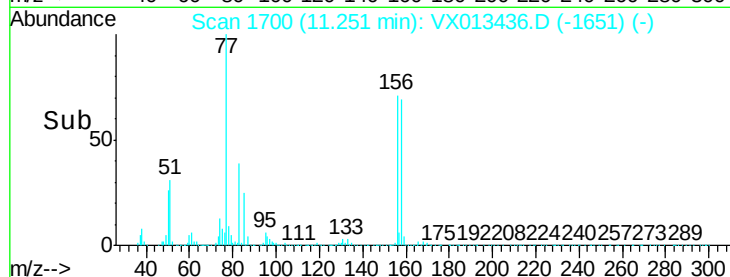
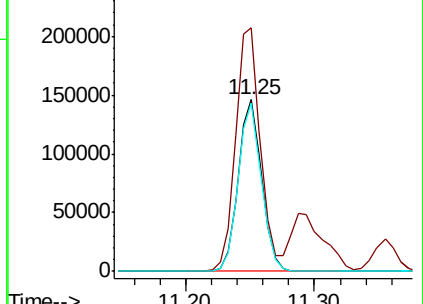
158 97.2 47.6 142.8



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: 22.873 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013436.D

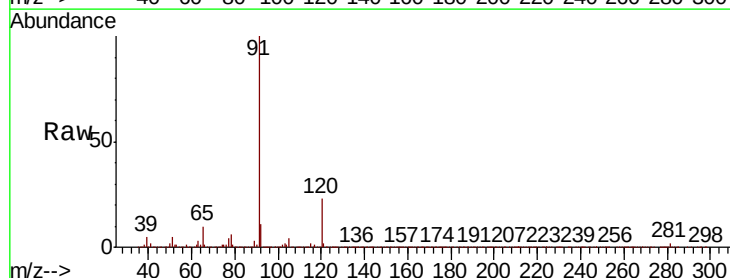
Acq: 15 Nov 2019 11:10

Tgt Ion: 91 Resp: 789156

Ion Ratio Lower Upper

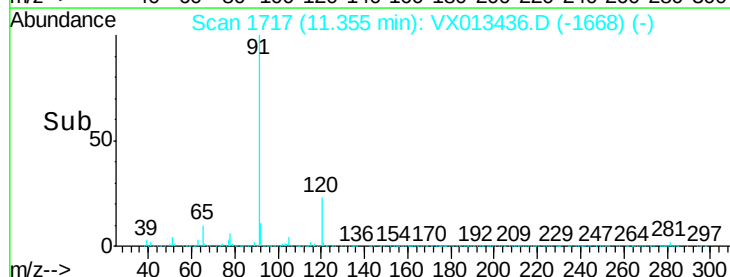
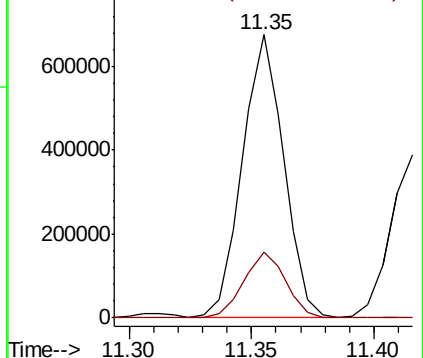
91 100

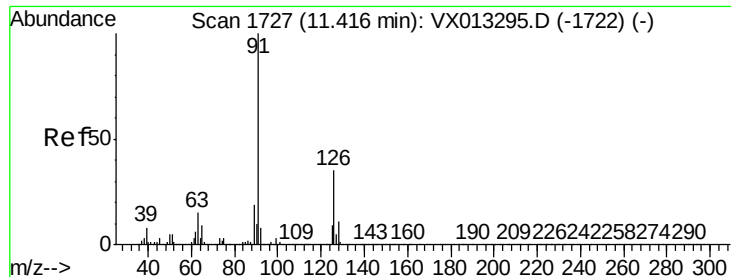
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.691 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

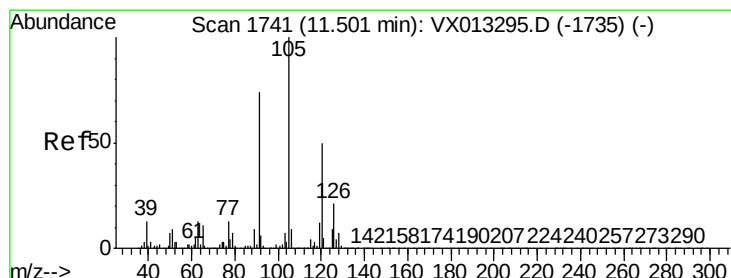
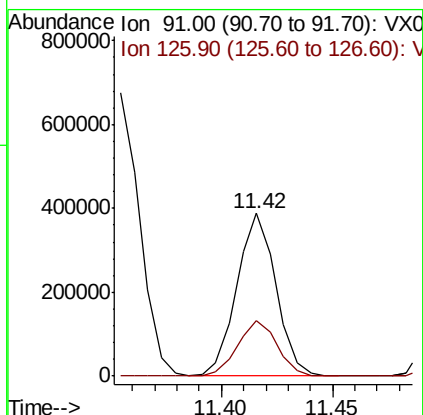
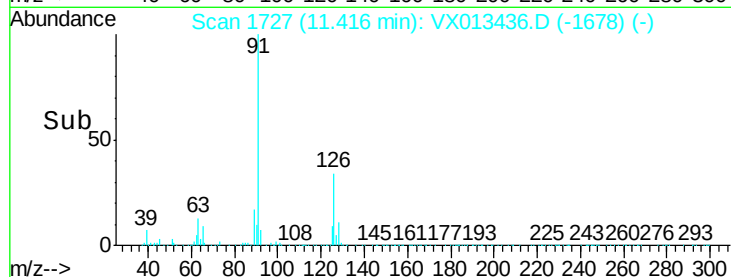
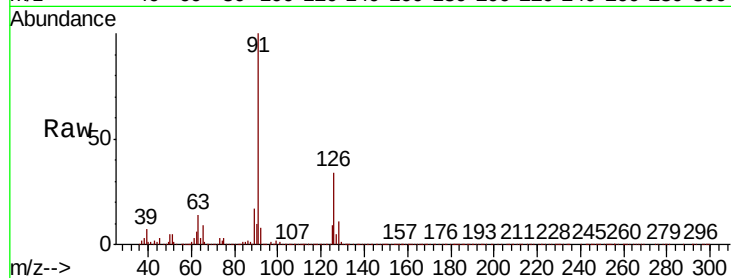
VX1115WBS01

Tot Ion: 91 Resp: 471682

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 22.873 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013436.D

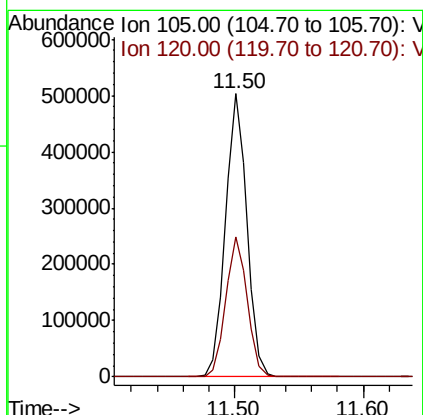
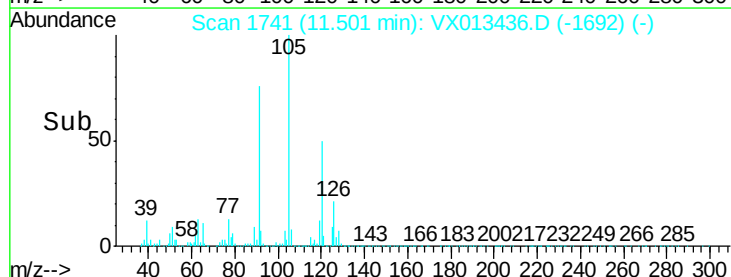
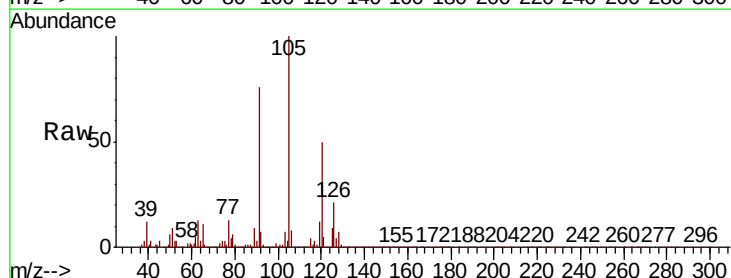
Acq: 15 Nov 2019 11:10

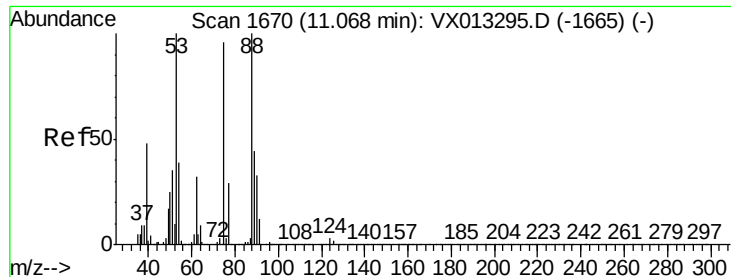
Tgt Ion: 105 Resp: 590106

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8

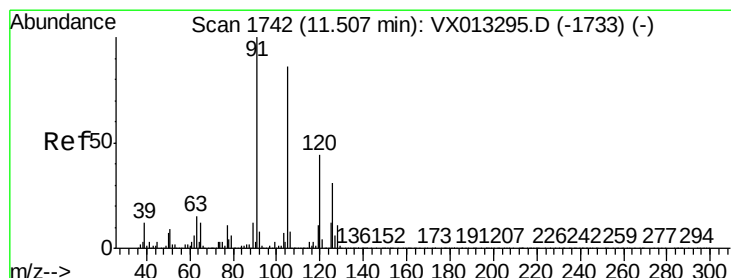
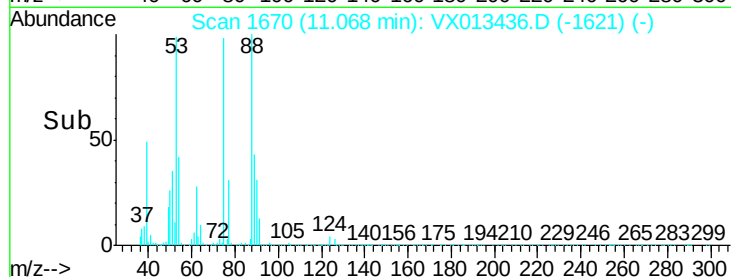
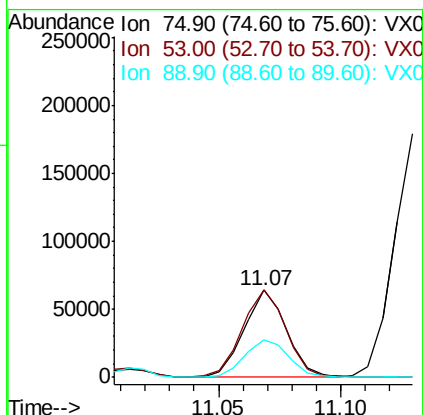
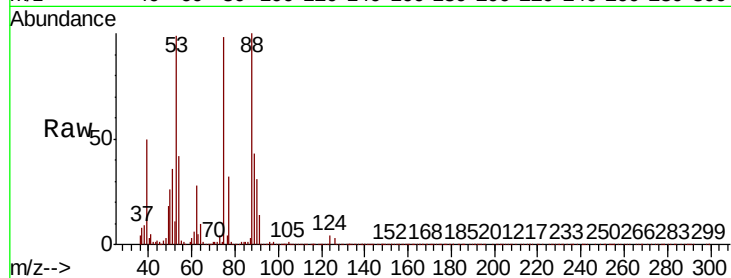




#81
trans-1,4-Dichloro-2-butene
Concen: 20.553 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

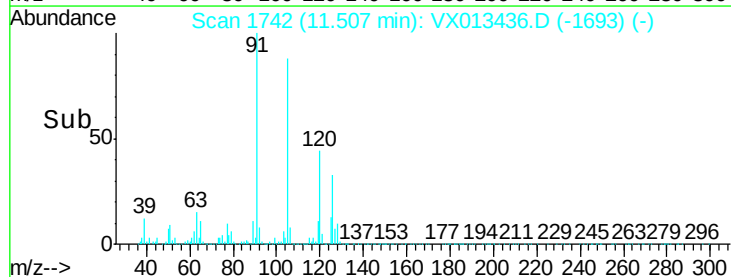
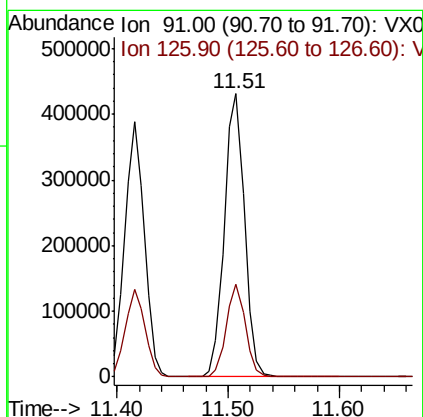
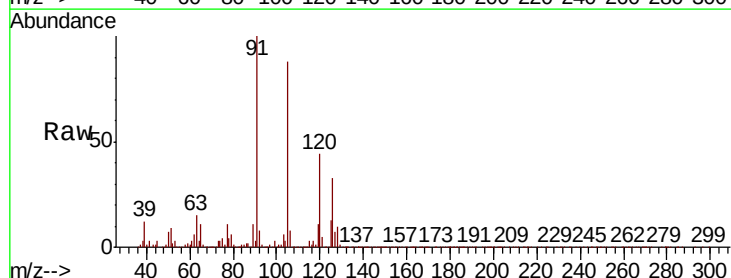
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

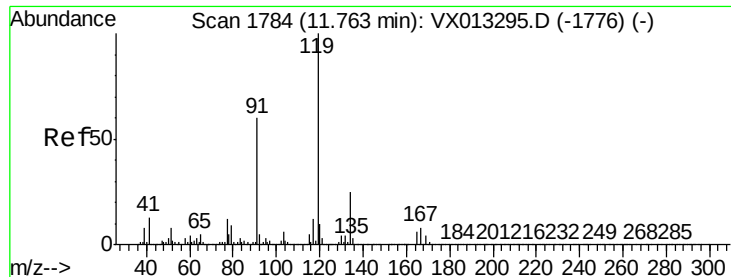
Tot Ion: 75 Resp: 75766
Ion Ratio Lower Upper
75 100
53 104.2 81.0 121.6
89 45.4 36.0 54.0



#82
4-Chlorotoluene
Concen: 22.138 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 91 Resp: 538690
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.8





#83

tert-Butylbenzene

Concen: 22.928 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

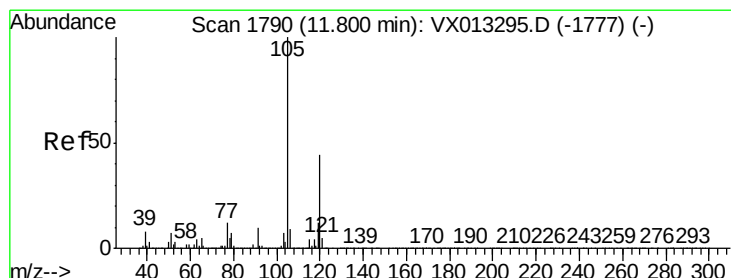
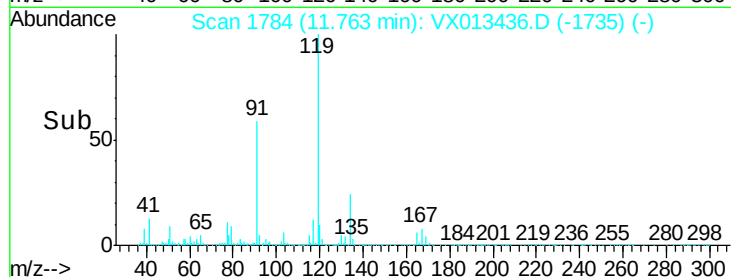
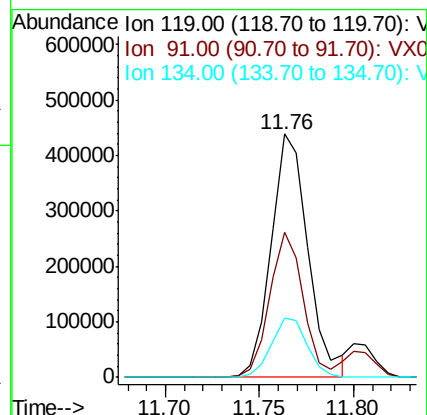
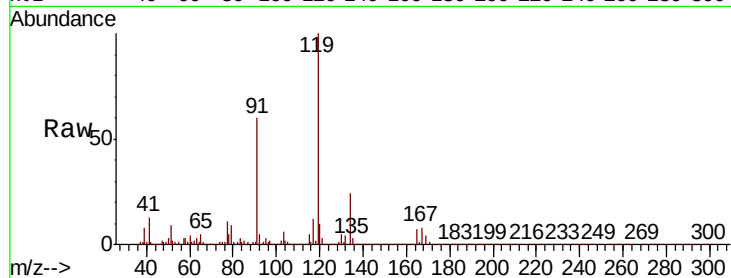
Tot Ion:119 Resp: 595460

Ion Ratio Lower Upper

119 100

91 53.9 26.9 80.7

134 23.7 11.7 35.1



#84

1,2,4-Trimethylbenzene

Concen: 22.636 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013436.D

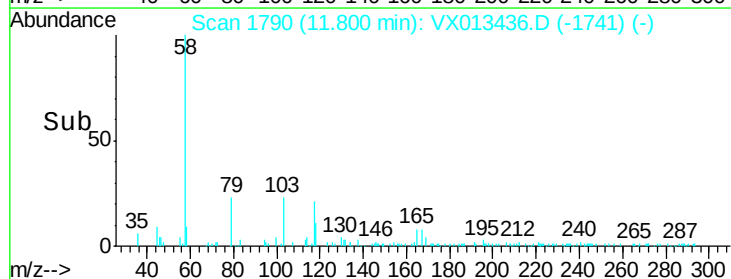
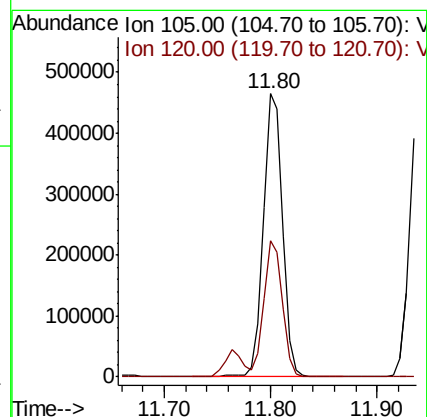
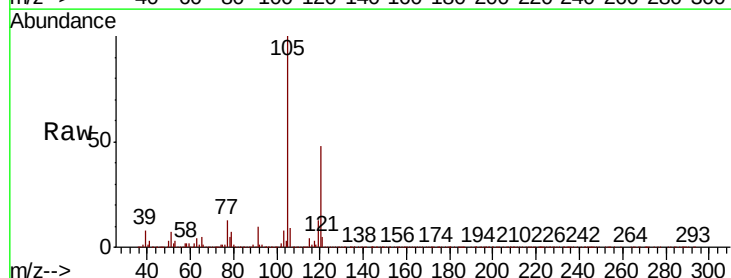
Acq: 15 Nov 2019 11:10

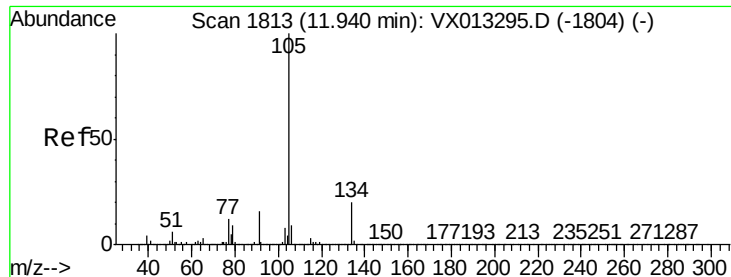
Tgt Ion:105 Resp: 585821

Ion Ratio Lower Upper

105 100

120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 23.016 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

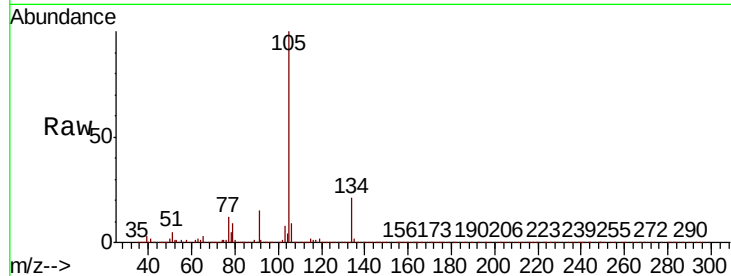
VX1115WBS01

Tot Ion:105 Resp: 686968

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

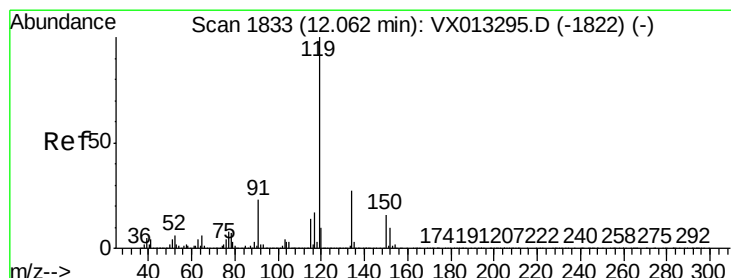
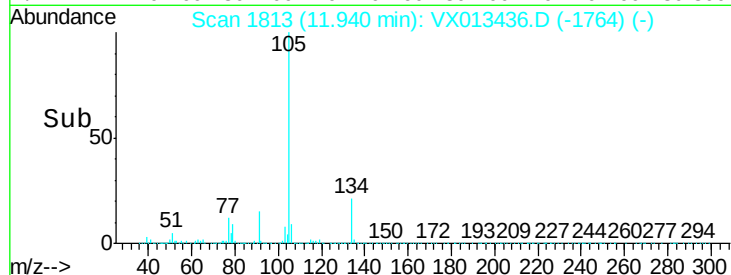
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 23.132 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

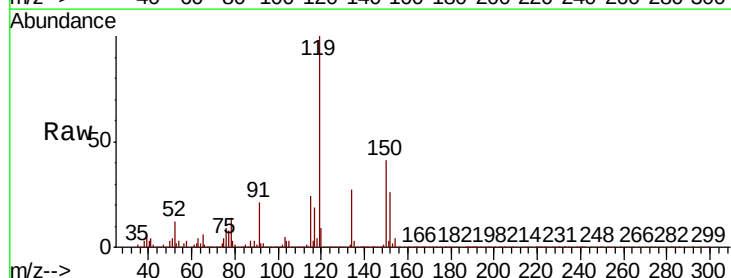
Tgt Ion:119 Resp: 635763

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.6 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

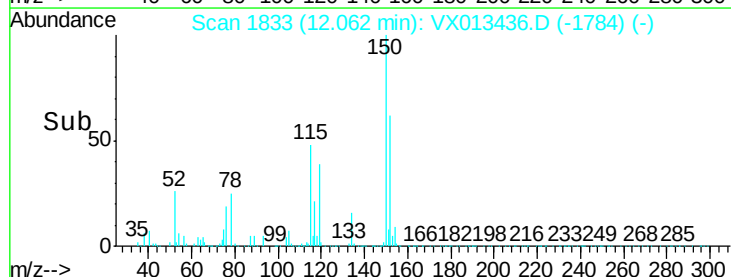
600000

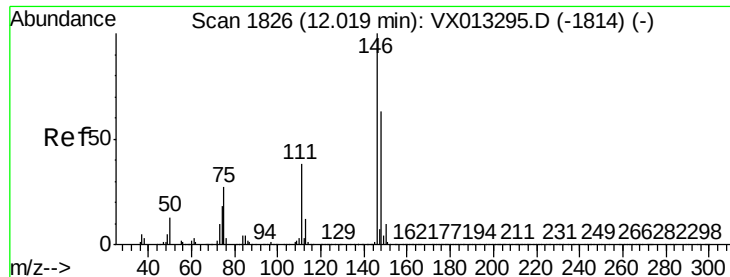
400000

200000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 22.003 ug/l

RT: 12.02 min Scan# 1826

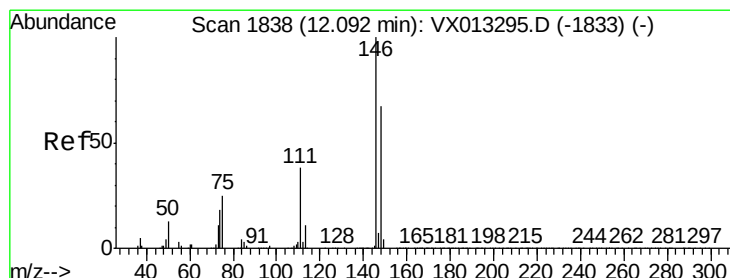
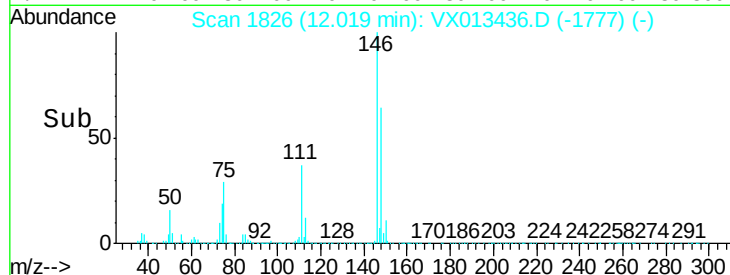
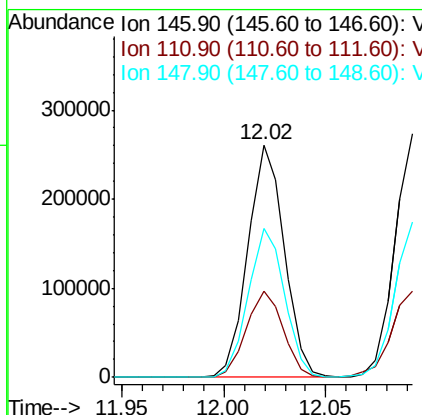
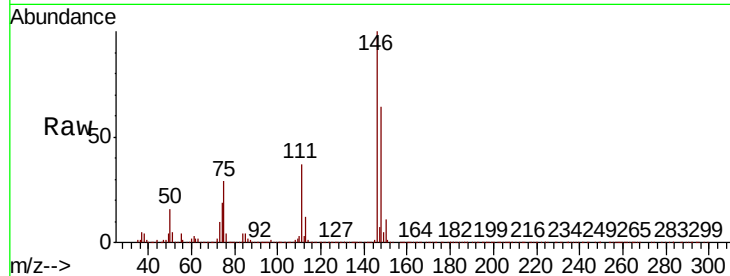
Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 21.637 ug/l

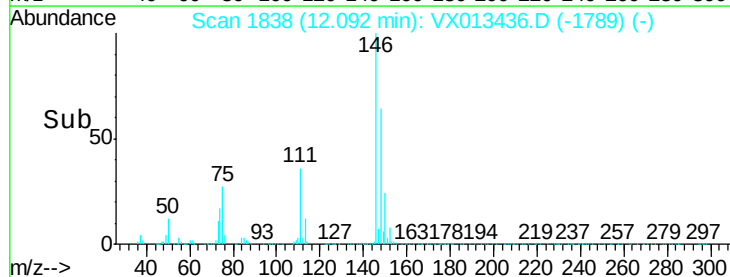
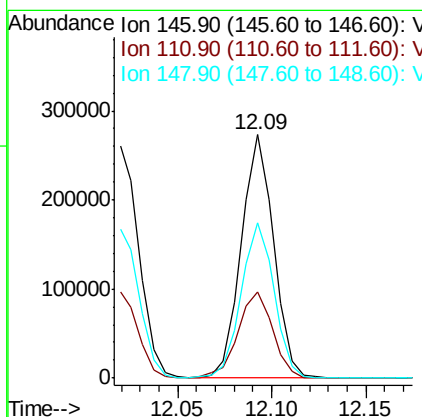
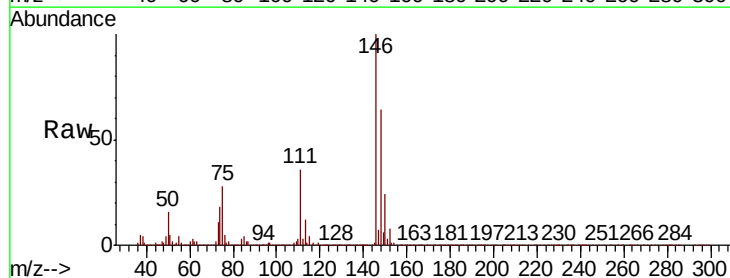
RT: 12.09 min Scan# 1838

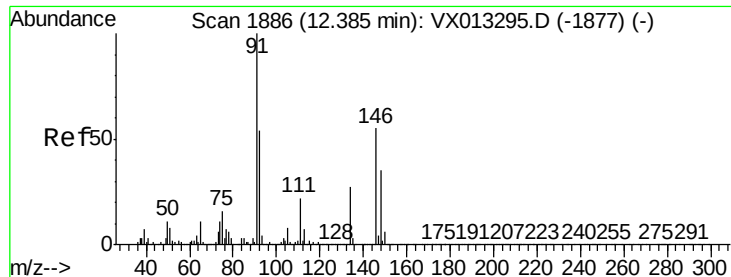
Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	65.4	32.4	97.0





#89

n-Butylbenzene

Concen: 22.622 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

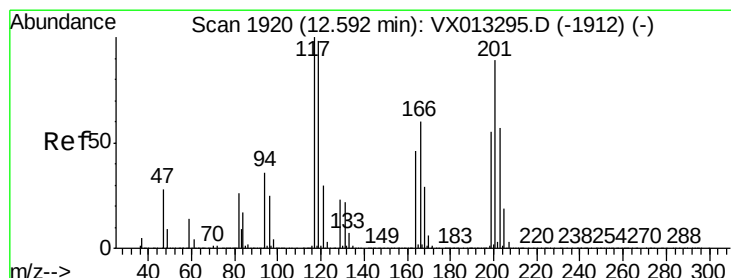
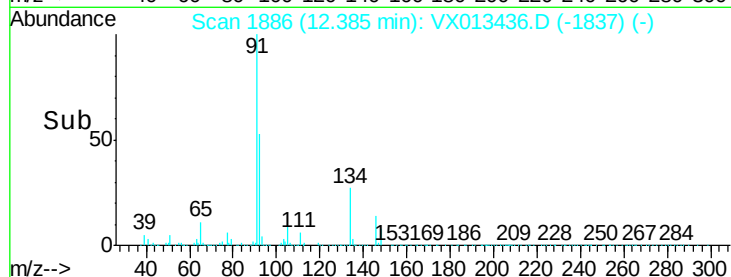
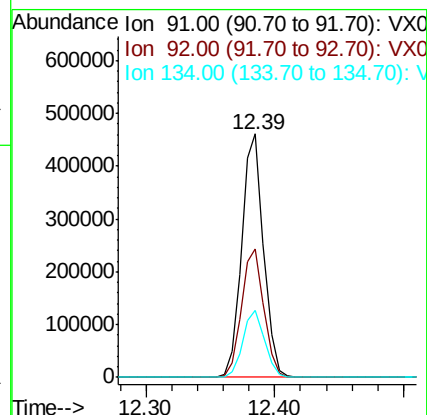
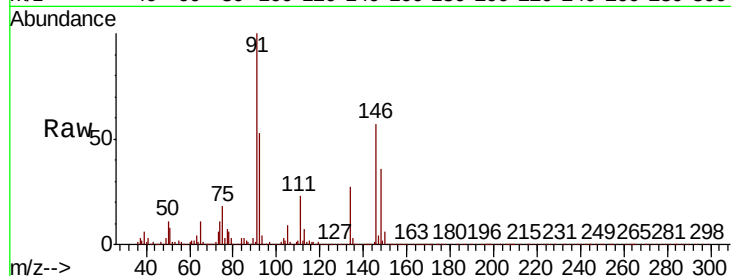
Tot Ion: 91 Resp: 542512

Ion Ratio Lower Upper

91 100

92 53.9 27.3 81.8

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 22.312 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013436.D

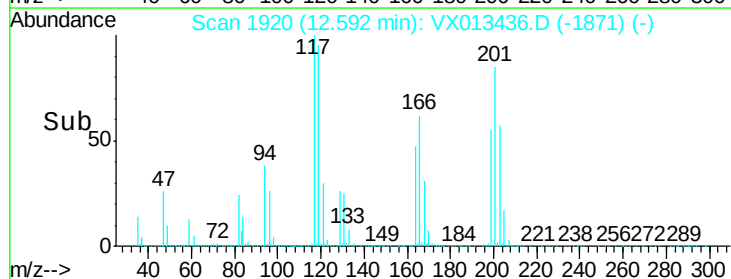
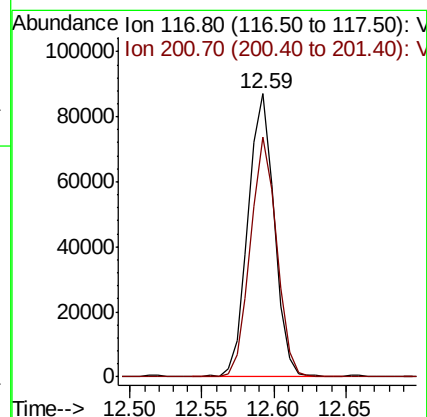
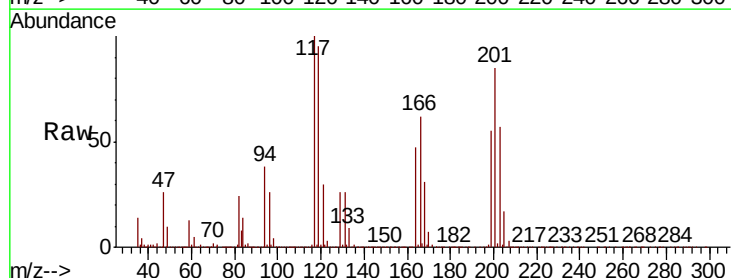
Acq: 15 Nov 2019 11:10

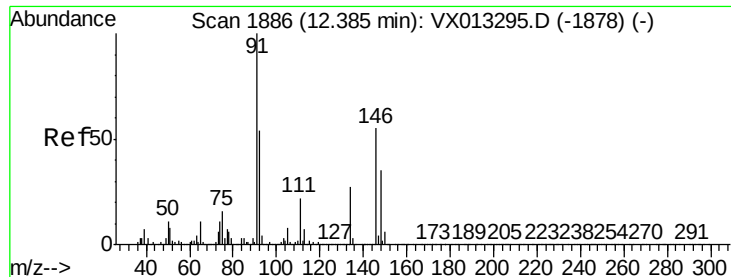
Tgt Ion: 117 Resp: 109261

Ion Ratio Lower Upper

117 100

201 84.8 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 22.136 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

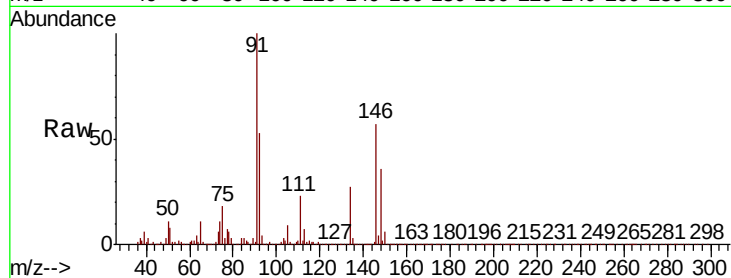
Tot Ion:146 Resp: 325673

Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

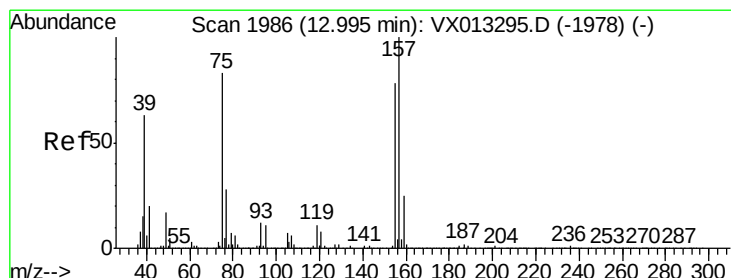
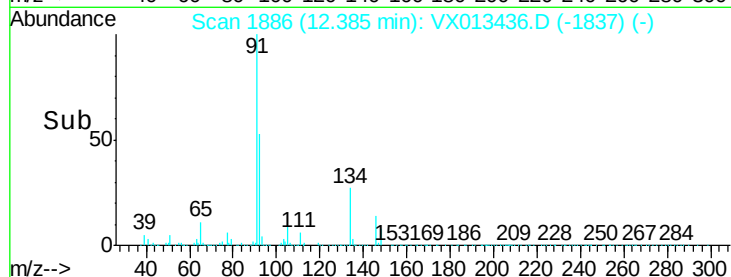
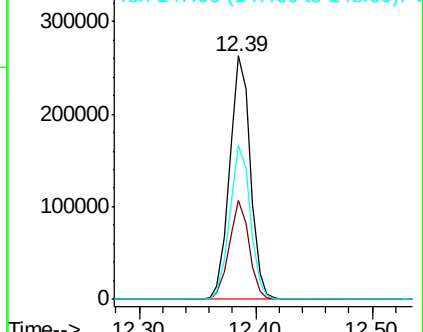
148 62.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.617 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

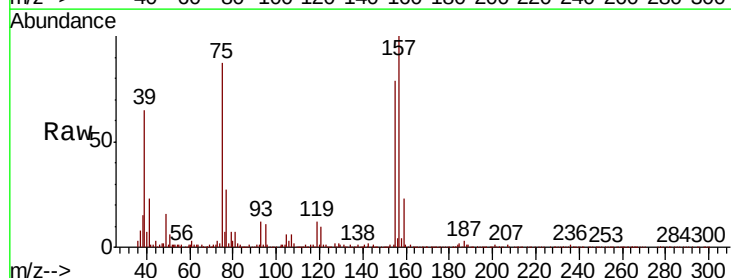
Tgt Ion: 75 Resp: 51251

Ion Ratio Lower Upper

75 100

155 96.6 47.1 141.4

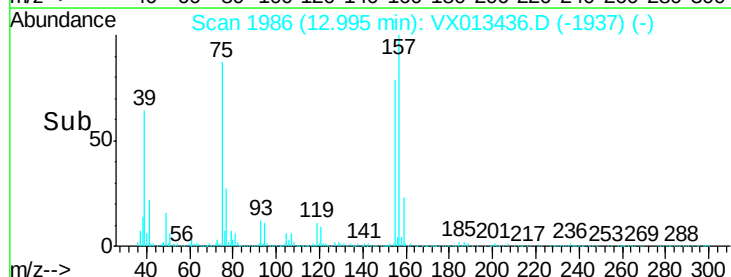
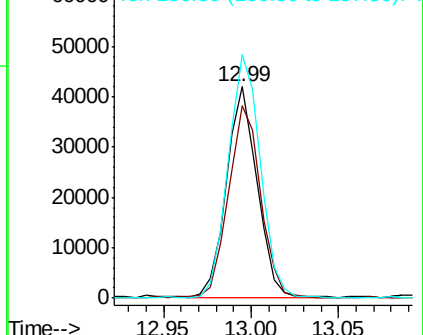
157 120.2 61.3 183.8

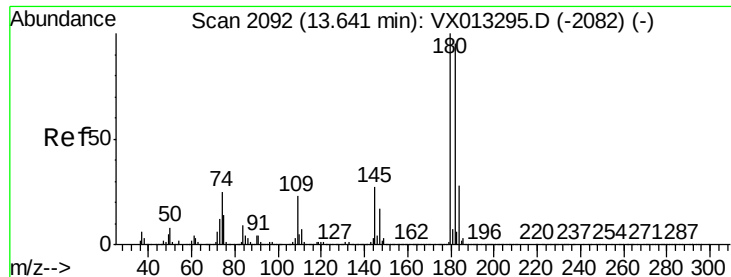


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

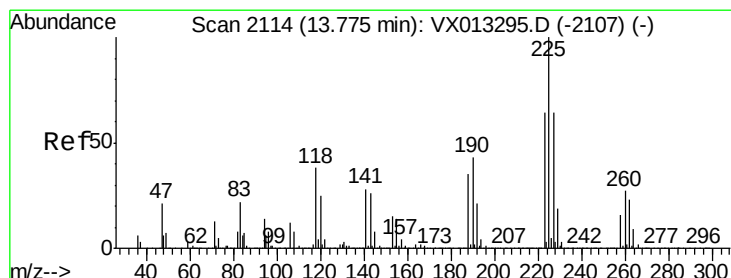
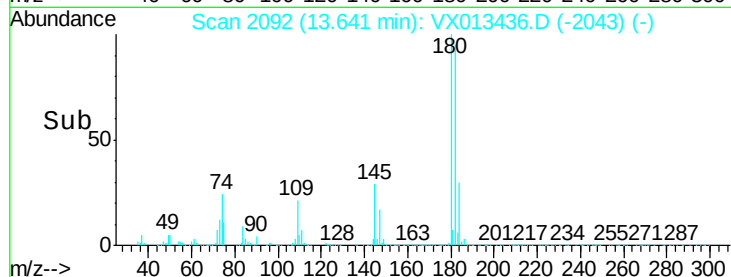
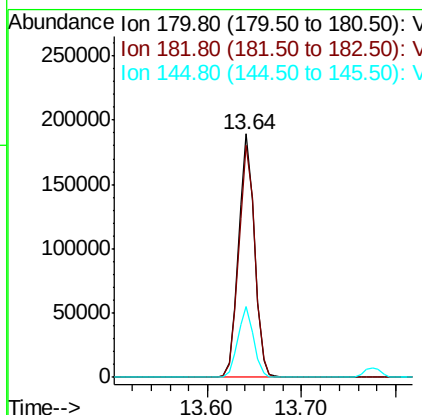
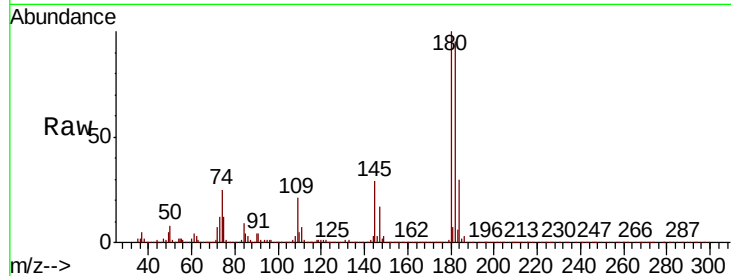




#93
 1,2,4-Trichlorobenzene
 Concen: 21.625 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

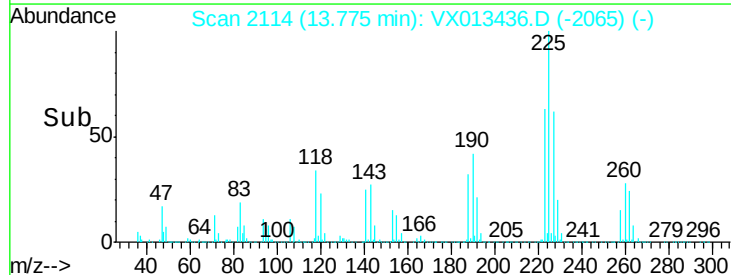
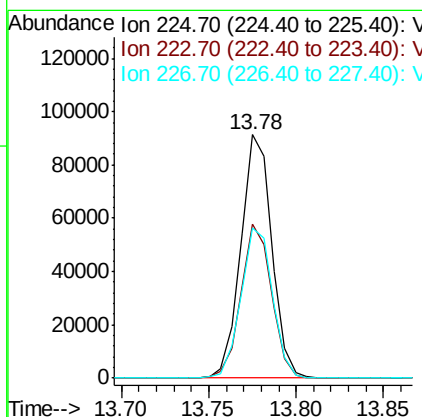
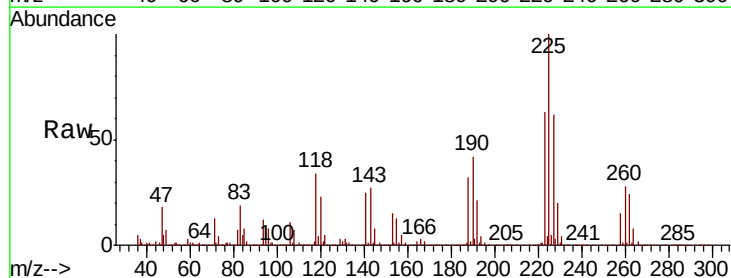
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

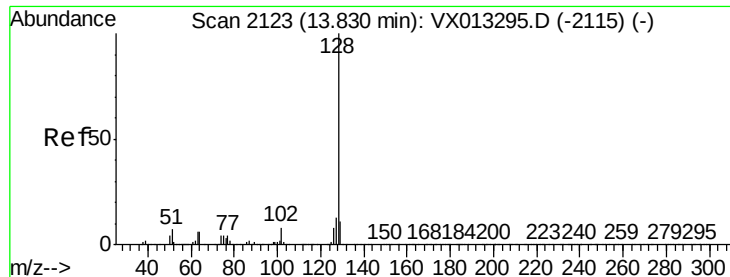
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	28.8	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 22.339 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.7
227	63.2	31.9	95.9





#95

Naphthalene

Concen: 20.958 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

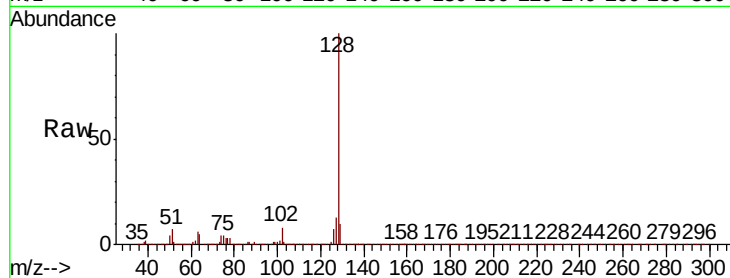
Tot Ion:128 Resp: 674825

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

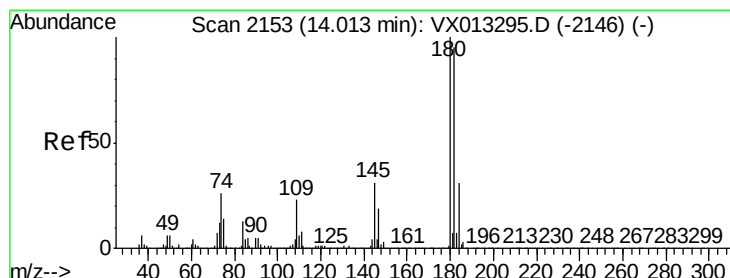
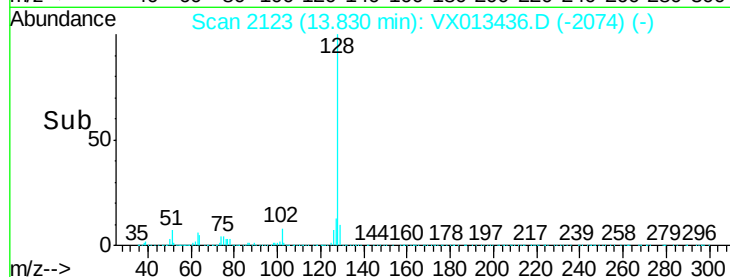
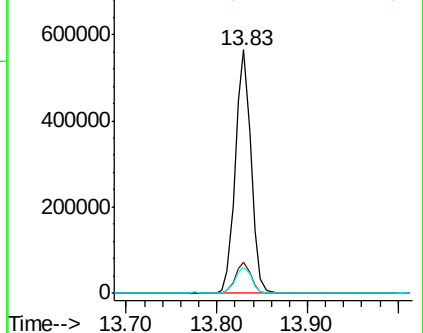
129 11.0 8.5 12.7



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: 21.712 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

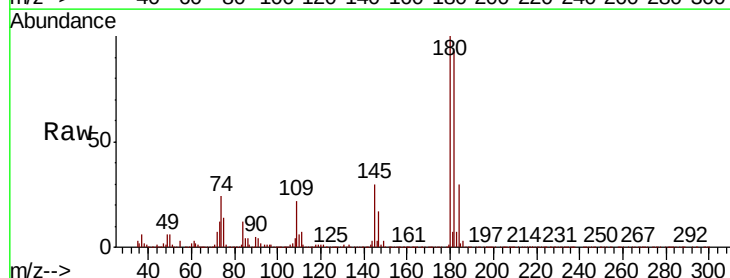
Tgt Ion:180 Resp: 223455

Ion Ratio Lower Upper

180 100

182 94.8 48.0 144.2

145 29.9 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

