

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110619\
 Data File : VX013336.D
 Acq On : 06 Nov 2019 11:55
 Operator : JC/SP
 Sample : VX1106WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

Quant Time: Nov 07 02:13:14 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	730082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1107911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	994180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	487766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	419947	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.48	113	341275	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	1313820	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	459949	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	162320	19.296	ug/l	100
3) Chloromethane	1.31	50	176538	19.352	ug/l	96
4) Vinyl Chloride	1.40	62	206659	19.899	ug/l	97
5) Bromomethane	1.63	94	120043	16.587	ug/l	98
6) Chloroethane	1.72	64	116234	18.837	ug/l	98
7) Trichlorofluoromethane	1.92	101	222920	18.168	ug/l	98
8) Diethyl Ether	2.18	74	100573	18.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136223	19.919	ug/l	98
10) Methyl Iodide	2.50	142	147175	17.382	ug/l	96
11) Tert butyl alcohol	3.03	59	194328	85.243	ug/l	97
12) 1,1-Dichloroethene	2.36	96	136145	20.329	ug/l	99
13) Acrolein	2.28	56	97005	78.513	ug/l	98
14) Allyl chloride	2.72	41	243029	19.973	ug/l	96
15) Acrylonitrile	3.12	53	422302	99.169	ug/l	97
16) Acetone	2.43	43	412814	95.688	ug/l	99
17) Carbon Disulfide	2.56	76	344078	19.196	ug/l	98
18) Methyl Acetate	2.76	43	237591	19.948	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	452210	20.245	ug/l	99
20) Methylene Chloride	2.84	84	152980	19.192	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	142754	19.578	ug/l	94
22) Diisopropyl ether	3.84	45	481079	20.479	ug/l	89
23) Vinyl Acetate	3.80	43	1987007	98.847	ug/l	99
24) 1,1-Dichloroethane	3.69	63	265843	20.229	ug/l	97
25) 2-Butanone	4.65	43	607003	95.909	ug/l	100
26) 2,2-Dichloropropane	4.57	77	211657	20.246	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	165489	20.260	ug/l	98
28) Bromochloromethane	5.00	49	83947	22.498	ug/l	99
29) Tetrahydrofuran	5.11	42	382281	98.017	ug/l	99
30) Chloroform	5.20	83	258864	19.949	ug/l	98
31) Cyclohexane	5.57	56	229548	19.412	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	223296	19.995	ug/l	99
36) 1,1-Dichloropropene	5.79	75	191098	20.106	ug/l	99
37) Ethyl Acetate	4.81	43	231205	19.686	ug/l	99
38) Carbon Tetrachloride	5.77	117	188212	20.250	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1106WBS01

Quant Time: Nov 07 02:13:14 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	235333	19.871	ug/l	98
40) Benzene	6.13	78	598051	20.200	ug/l	97
41) Methacrylonitrile	5.03	41	126201	19.172	ug/l	97
42) 1,2-Dichloroethane	6.18	62	217561	20.373	ug/l	99
43) Isopropyl Acetate	6.43	43	361011	19.740	ug/l	99
44) Trichloroethene	7.20	130	157307	19.302	ug/l	97
45) 1,2-Dichloropropane	7.51	63	153376	20.332	ug/l	97
46) Dibromomethane	7.65	93	99745	19.366	ug/l	98
47) Bromodichloromethane	7.89	83	197607	20.346	ug/l	93
48) Methyl methacrylate	7.76	41	179670	19.681	ug/l	97
49) 1,4-Dioxane	7.73	88	77960	372.900	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1154855	96.249	ug/l	99
52) Toluene	8.78	92	379121	20.661	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	215745	20.314	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	236529	19.910	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	154098	20.261	ug/l	99
56) Ethyl methacrylate	9.17	69	239494	19.431	ug/l	98
57) 1,3-Dichloropropane	9.37	76	260207	20.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	501428	96.420	ug/l	99
59) 2-Hexanone	9.48	43	906364	97.750	ug/l	100
60) Dibromochloromethane	9.57	129	158620	20.392	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160277	19.845	ug/l	99
64) Tetrachloroethene	9.33	164	144958	20.368	ug/l	96
65) Chlorobenzene	10.14	112	410655	20.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149653	20.250	ug/l	99
67) Ethyl Benzene	10.25	91	712969	20.524	ug/l	99
68) m/p-Xylenes	10.35	106	540708	41.157	ug/l	99
69) o-Xylene	10.70	106	259969	20.212	ug/l	99
70) Styrene	10.71	104	440367	20.482	ug/l	99
71) Bromoform	10.85	173	120111	19.608	ug/l #	99
73) Isopropylbenzene	11.01	105	691970	21.397	ug/l	100
74) N-amyl acetate	10.89	43	313985	20.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	243167	20.611	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	271275	27.382	ug/l	81
77) Bromobenzene	11.25	156	181233	21.021	ug/l	97
78) n-propylbenzene	11.35	91	776198	21.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	462131	21.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	586706	21.781	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75365	19.581	ug/l	98
82) 4-Chlorotoluene	11.51	91	528685	20.808	ug/l	99
83) tert-Butylbenzene	11.76	119	576468	21.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	585742	21.677	ug/l	99
85) sec-Butylbenzene	11.94	105	662090	21.245	ug/l	100
86) p-Isopropyltoluene	12.06	119	608765	21.214	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314929	20.493	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	318098	20.316	ug/l	99
89) n-Butylbenzene	12.39	91	510765	20.398	ug/l	99
90) Hexachloroethane	12.59	117	105089	20.553	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	320725	20.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53861	18.738	ug/l	97

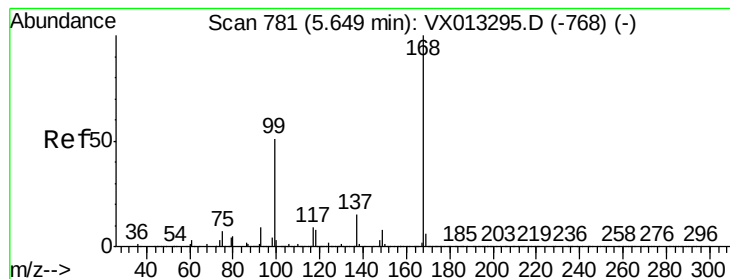
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110619\
Data File : VX013336.D
Acq On : 06 Nov 2019 11:55
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Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Quant Time: Nov 07 02:13:14 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	213742	19.947	ug/l	98
94) Hexachlorobutadiene	13.78	225	100499	19.171	ug/l	99
95) Naphthalene	13.83	128	693179	20.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	216810	20.176	ug/l	100

(#) = 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: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

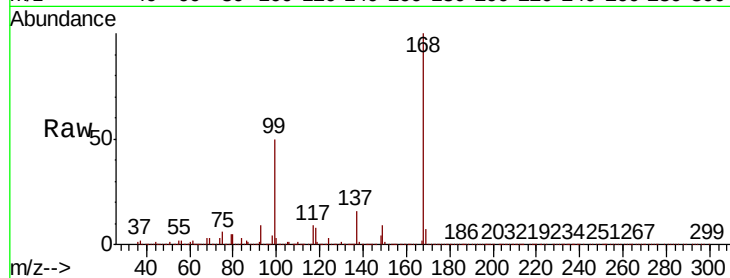
VX1106WBS01

Tot Ion:168 Resp: 730082

Ion Ratio Lower Upper

168 100

99 50.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

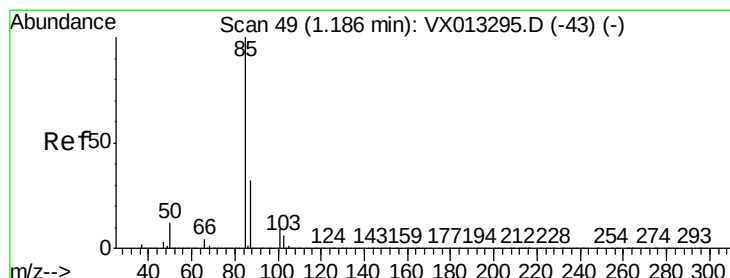
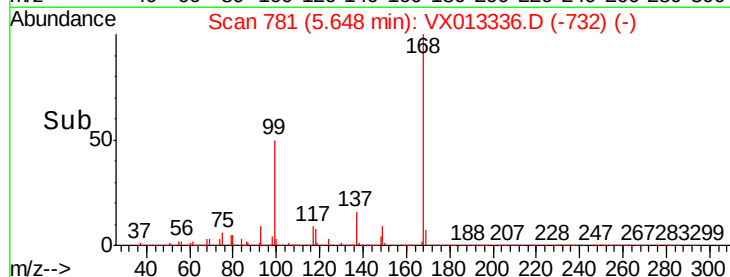
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.296 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013336.D

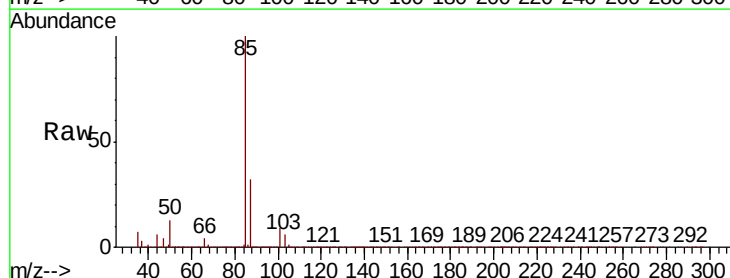
Acq: 06 Nov 2019 11:55

Tgt Ion: 85 Resp: 162320

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

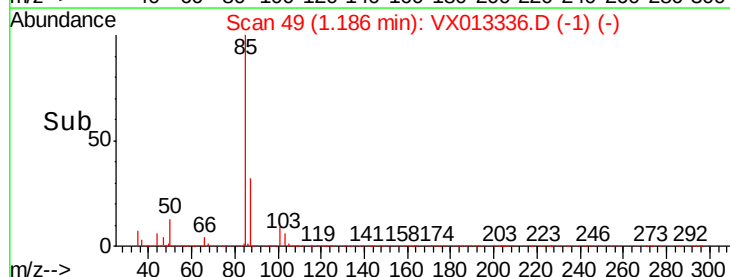
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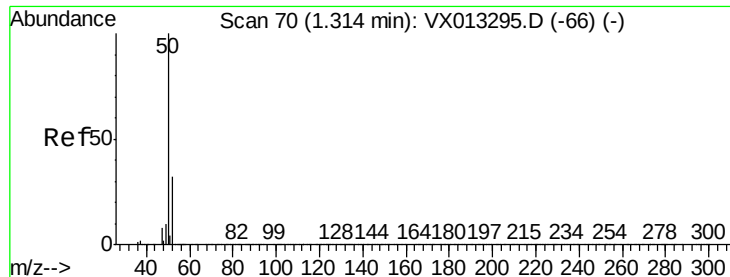
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1.10 1.15 1.20 1.25 1.30

Time-->

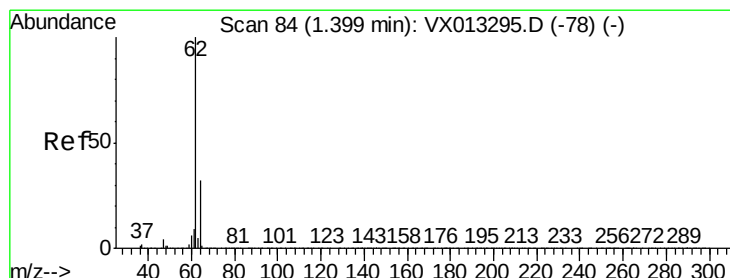
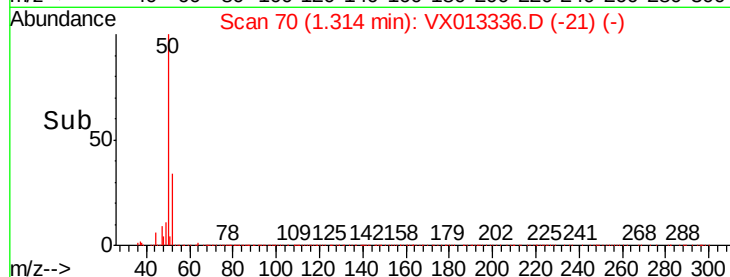
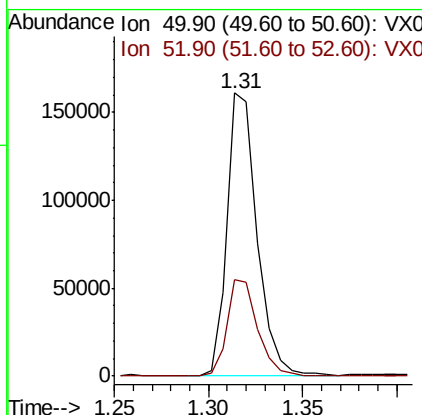
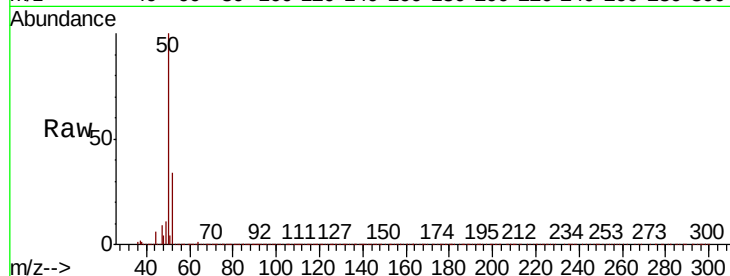




#3
Chloromethane
Concen: 19.352 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

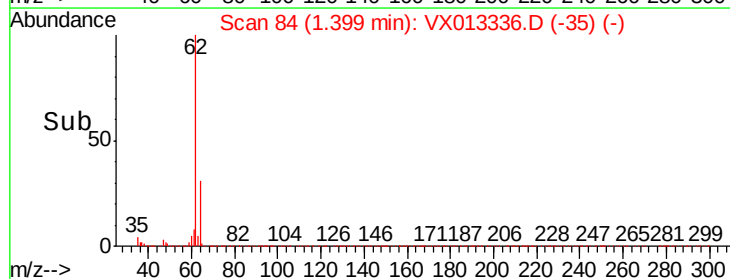
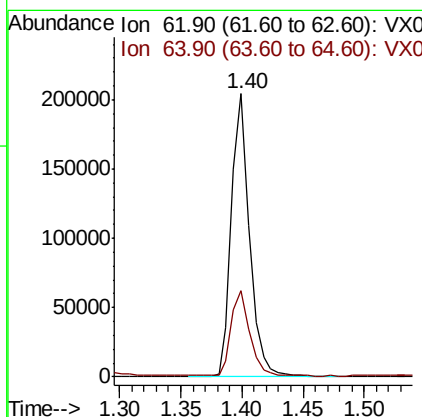
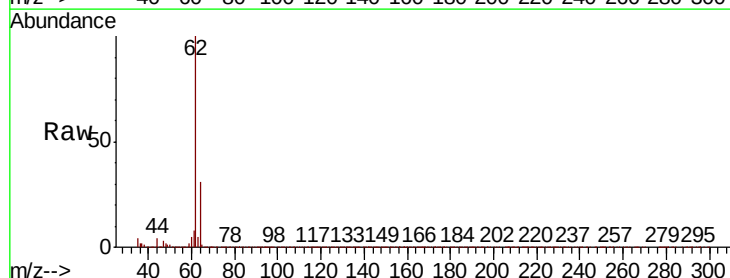
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

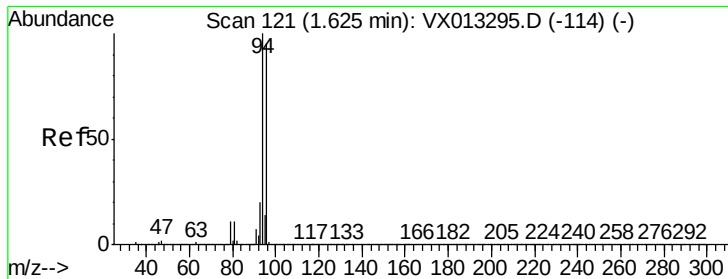
Tot Ion: 50 Resp: 176538
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3



#4
Vinyl Chloride
Concen: 19.899 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 62 Resp: 206659
Ion Ratio Lower Upper
62 100
64 30.3 25.6 38.4





#5

Bromomethane

Concen: 16.587 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

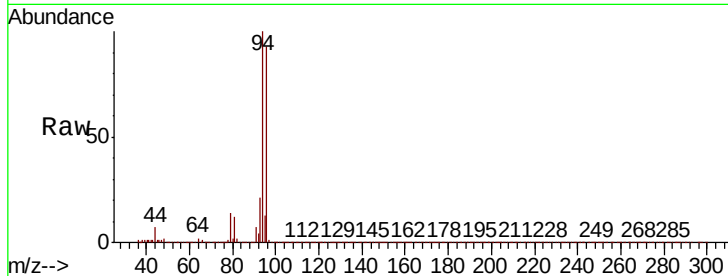
VX1106WBS01

Tot Ion: 94 Resp: 120043

Ion Ratio Lower Upper

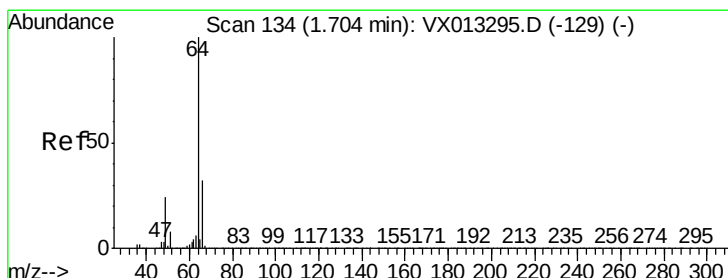
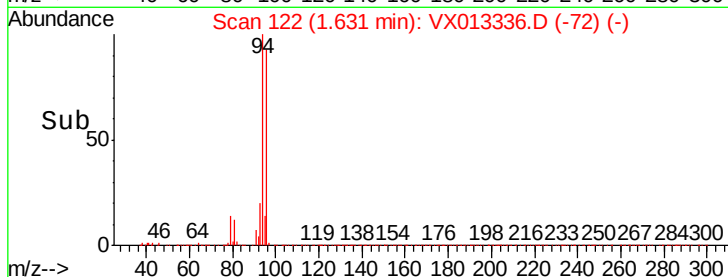
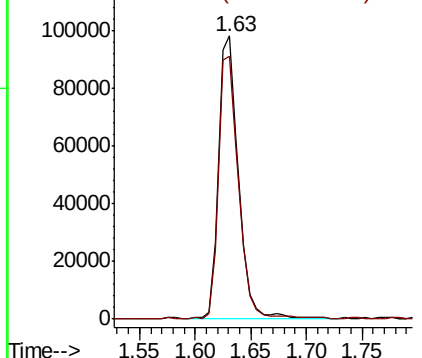
94 100

96 92.9 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.837 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013336.D

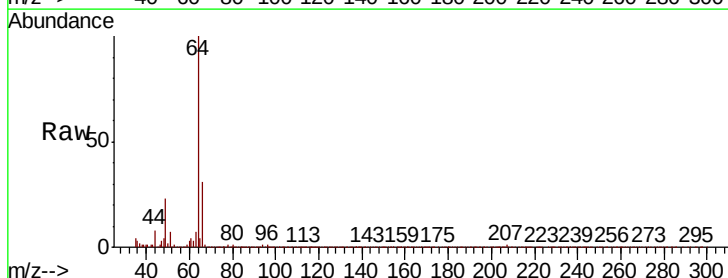
Acq: 06 Nov 2019 11:55

Tgt Ion: 64 Resp: 116234

Ion Ratio Lower Upper

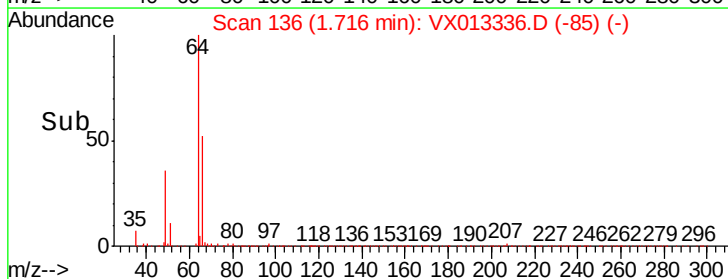
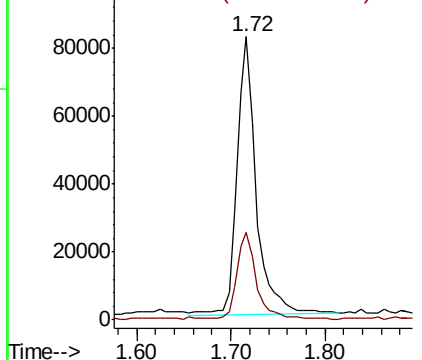
64 100

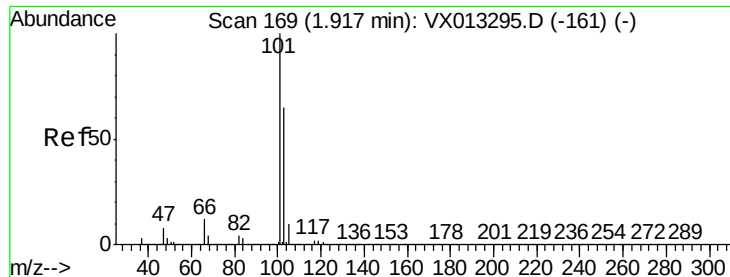
66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



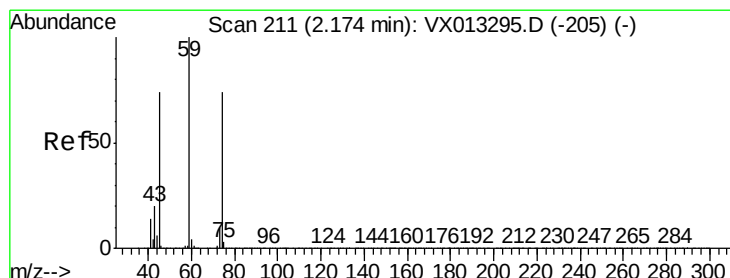
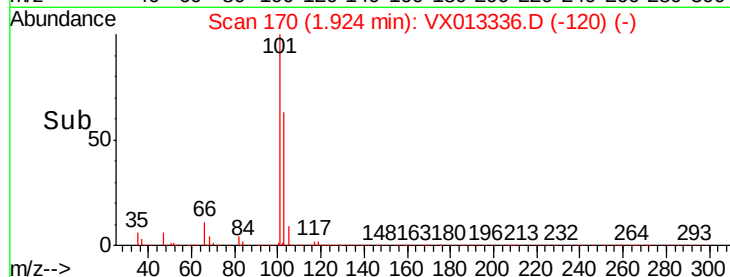
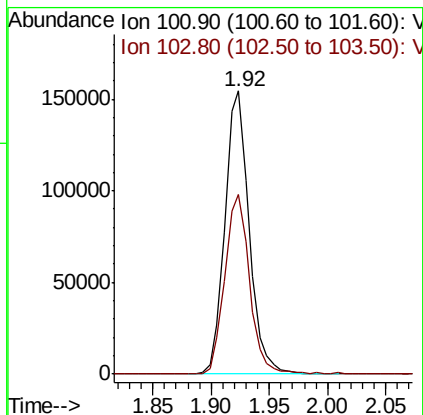
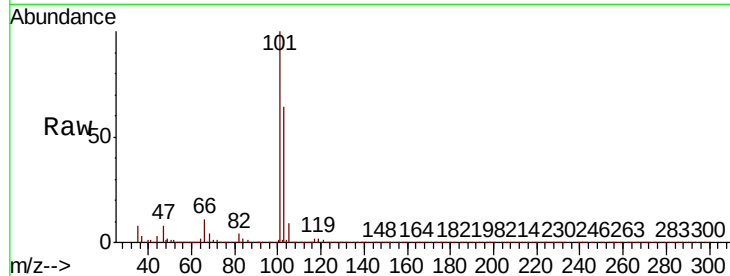


#7

Trichlorofluoromethane
 Concen: 18.168 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

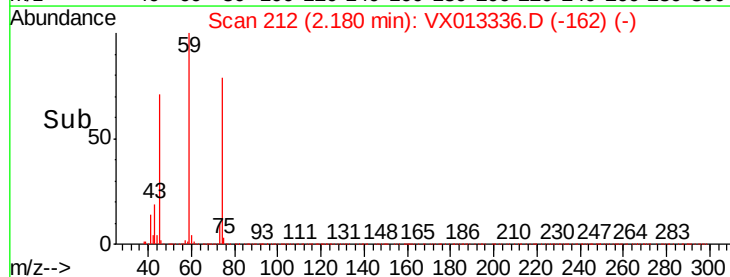
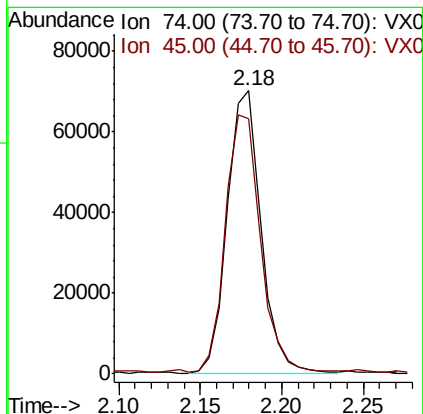
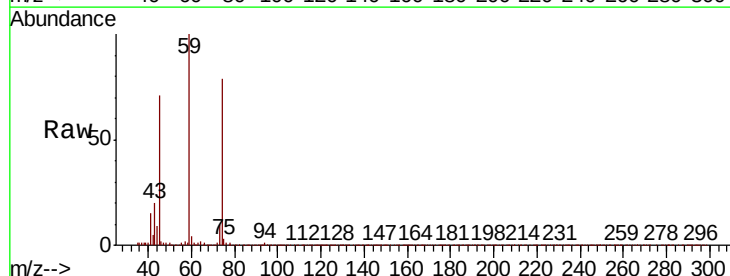
Tot Ion:101 Resp: 222920
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

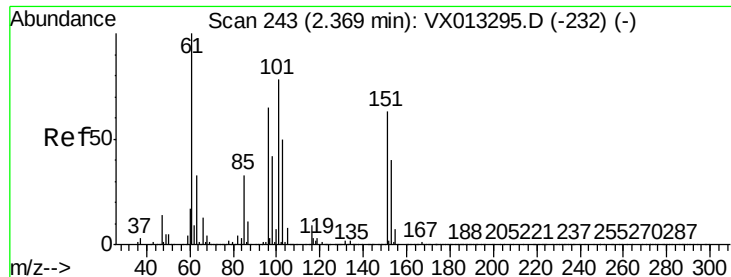


#8

Diethyl Ether
 Concen: 18.536 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion: 74 Resp: 100573
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.919 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

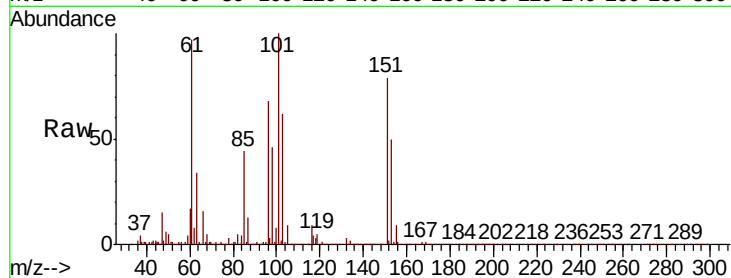
Tot Ion:101 Resp: 136223

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

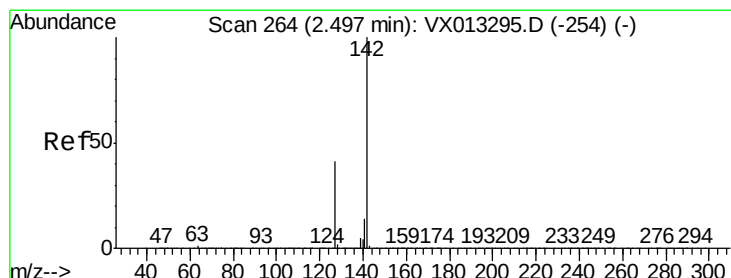
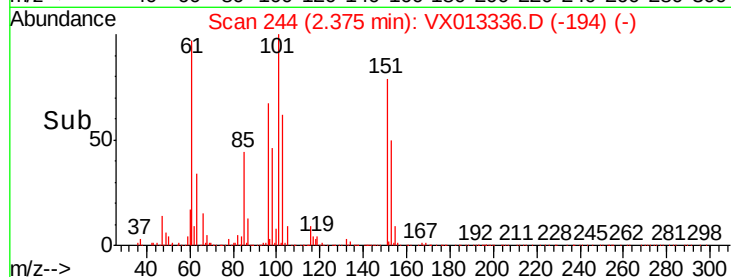
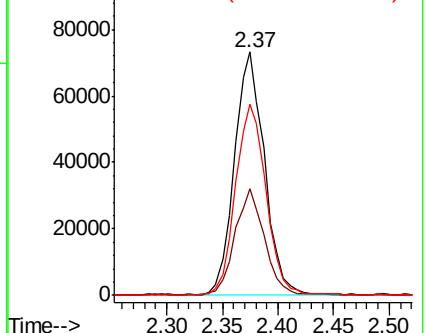
151 80.8 66.4 99.6



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: 17.382 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

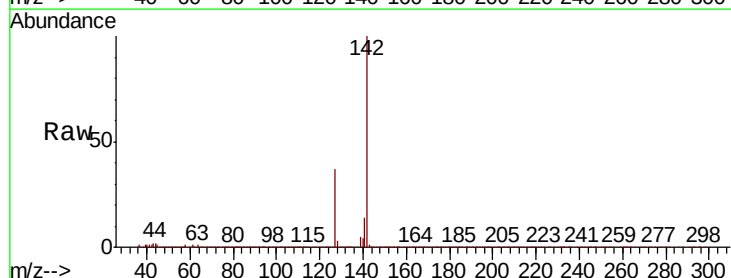
Tgt Ion:142 Resp: 147175

Ion Ratio Lower Upper

142 100

127 38.3 32.6 49.0

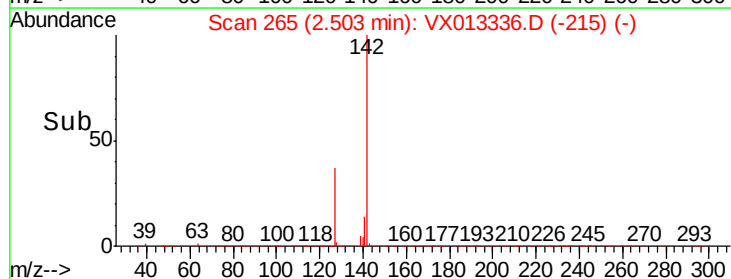
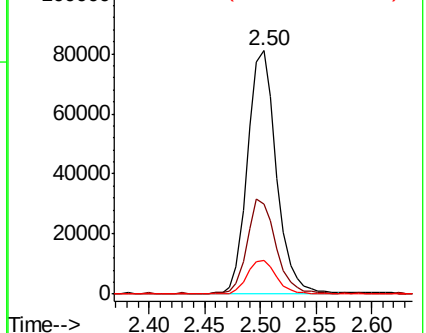
141 13.4 11.6 17.4

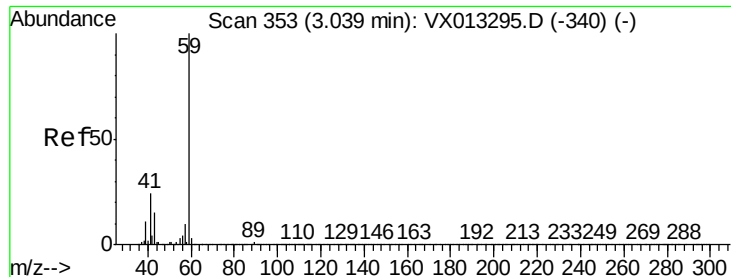


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



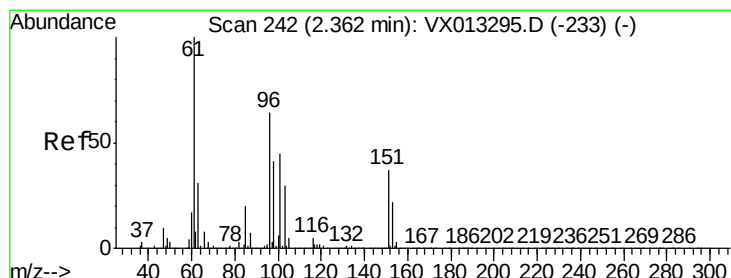
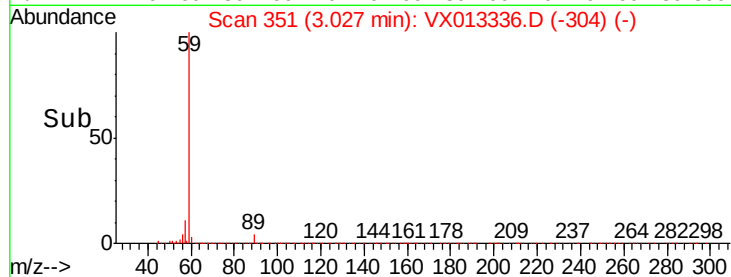
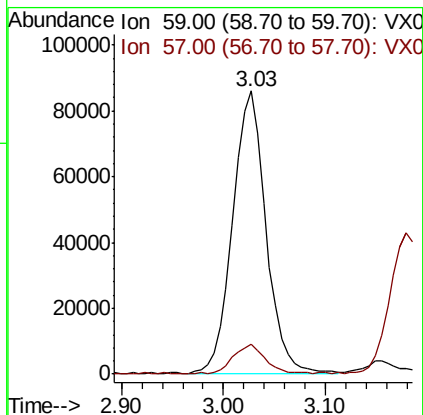
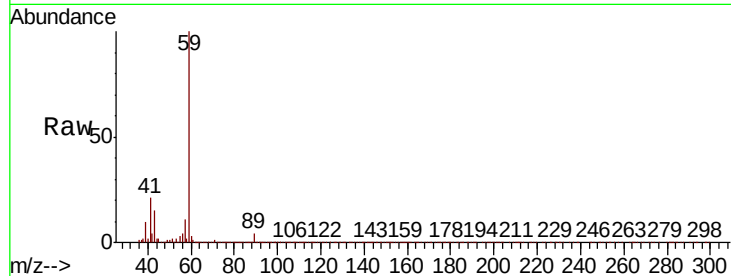


#11

Tert butyl alcohol
 Concen: 85.243 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

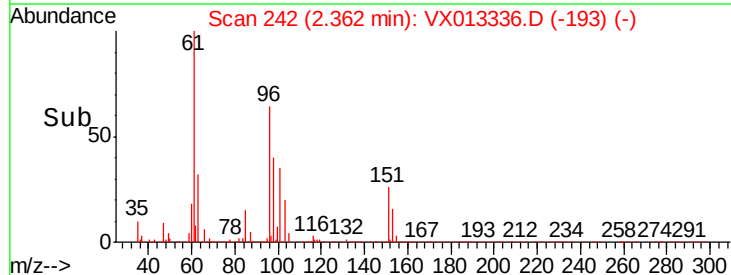
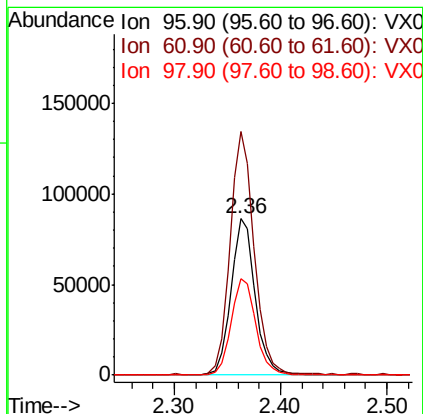
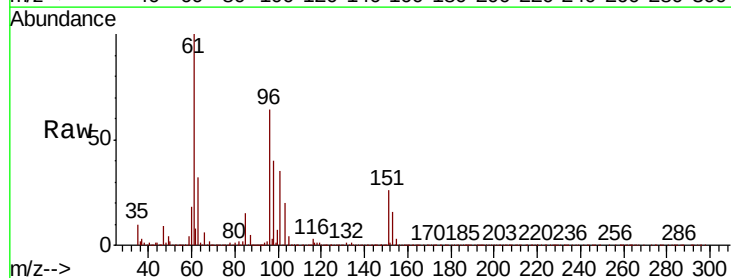
Tot Ion: 59 Resp: 194328
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.0 12.0

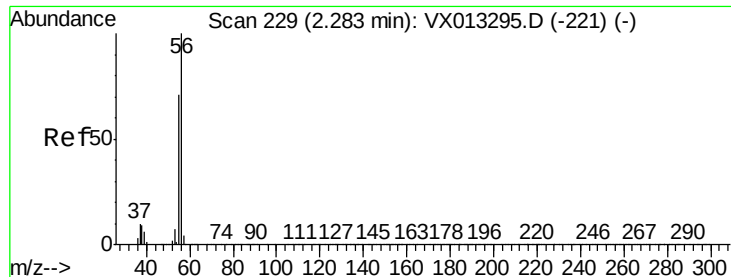


#12

1,1-Dichloroethene
 Concen: 20.329 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion: 96 Resp: 136145
 Ion Ratio Lower Upper
 96 100
 61 155.9 125.0 187.6
 98 61.7 50.7 76.1





#13

Acrolein

Concen: 78.513 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

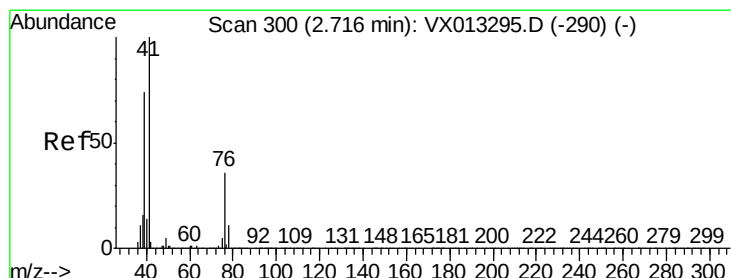
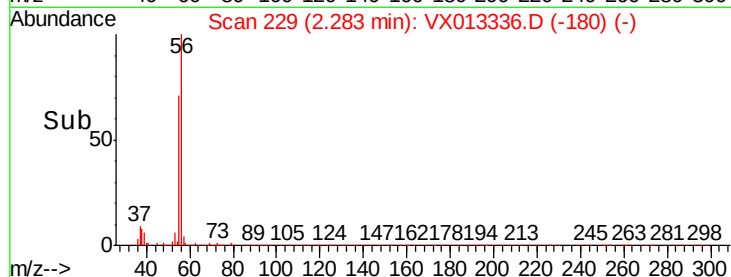
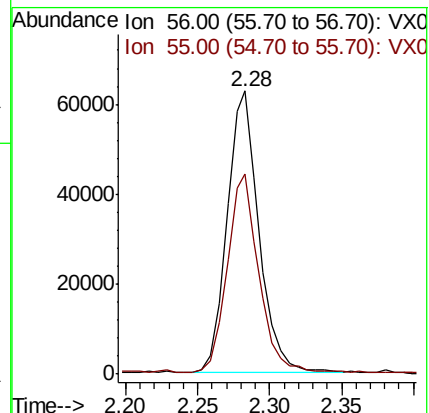
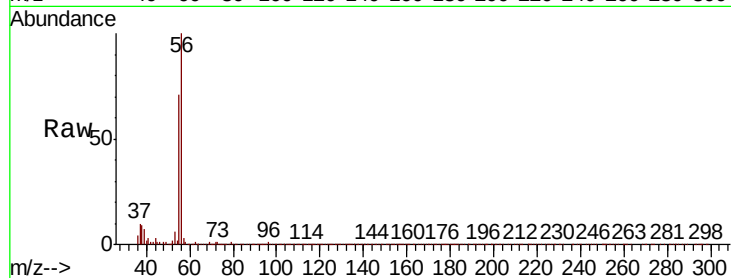
VX1106WBS01

Tot Ion: 56 Resp: 97005

Ion Ratio Lower Upper

56 100

55 69.9 57.4 86.0



#14

Allyl chloride

Concen: 19.973 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

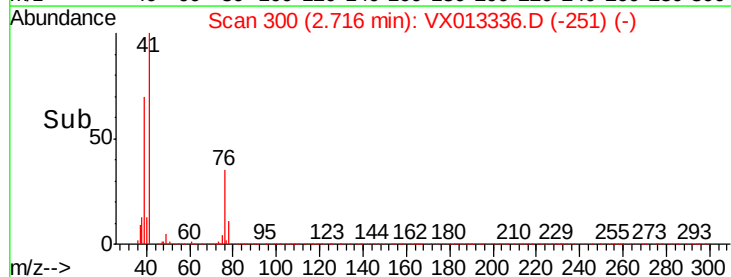
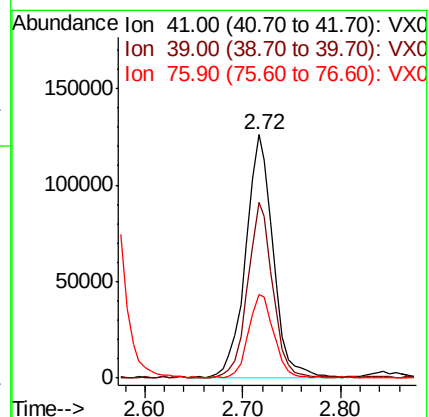
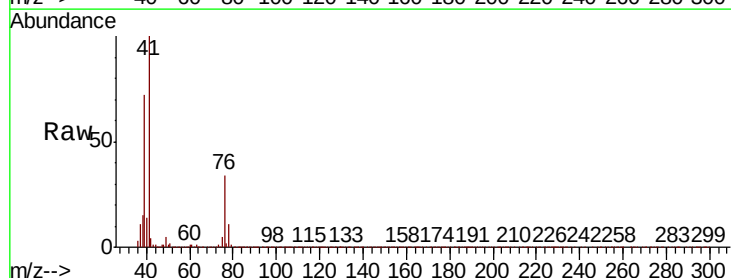
Tgt Ion: 41 Resp: 243029

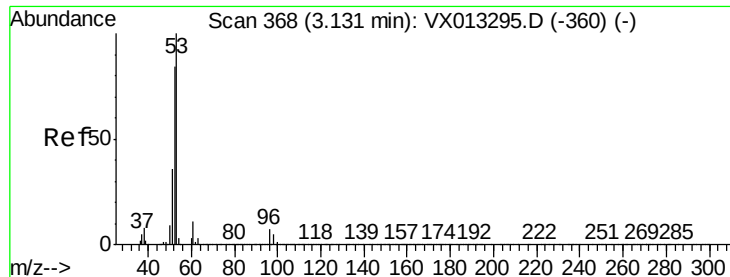
Ion Ratio Lower Upper

41 100

39 65.7 55.8 83.8

76 31.5 26.4 39.6





#15

Acrylonitrile

Concen: 99.169 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

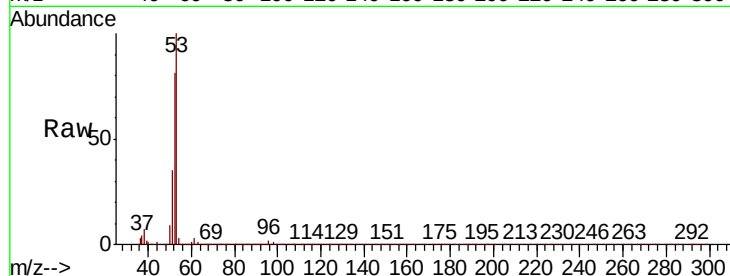
Tot Ion: 53 Resp: 422302

Ion Ratio Lower Upper

53 100

52 81.4 67.4 101.0

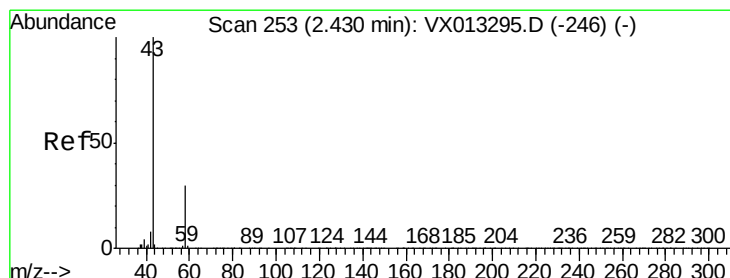
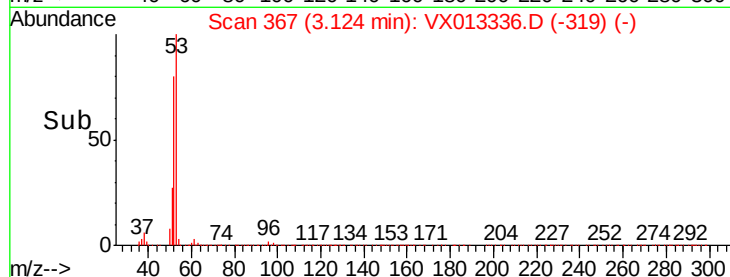
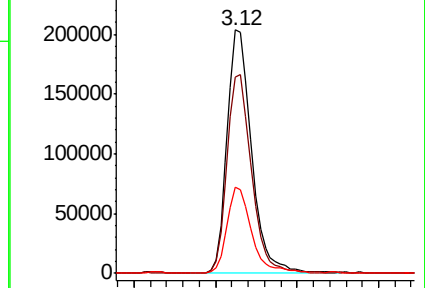
51 35.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 95.688 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013336.D

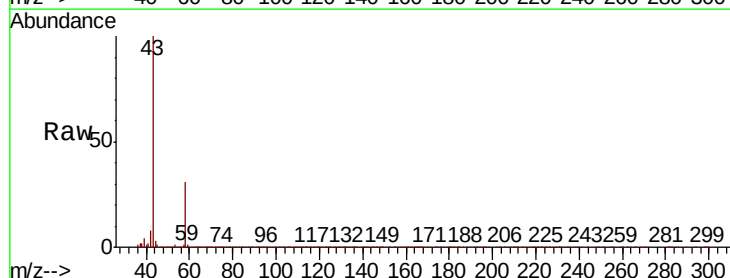
Acq: 06 Nov 2019 11:55

Tgt Ion: 43 Resp: 412814

Ion Ratio Lower Upper

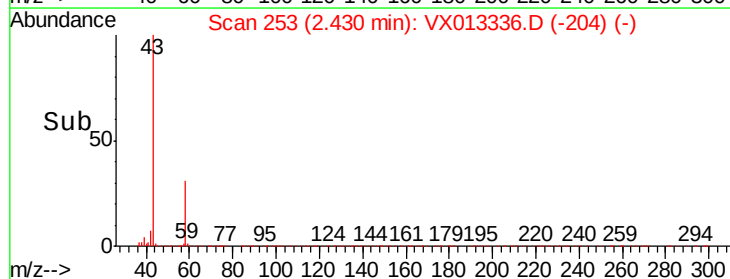
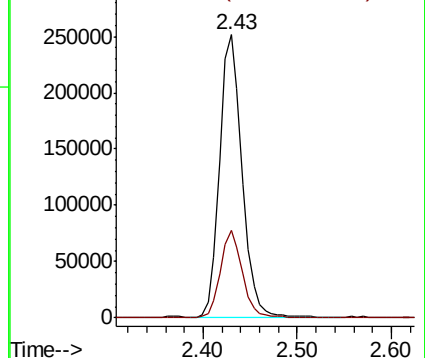
43 100

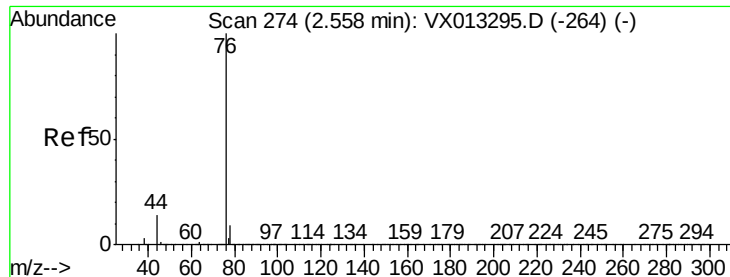
58 31.1 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

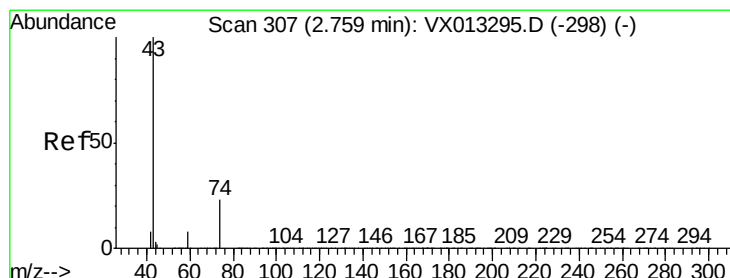
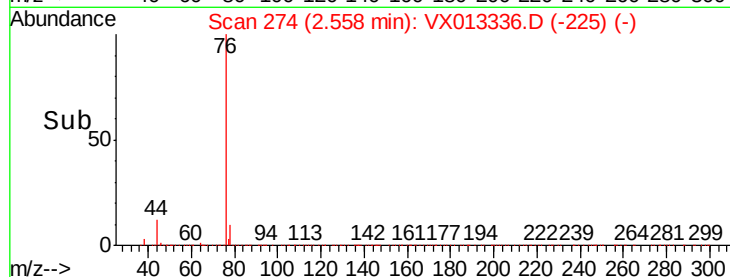
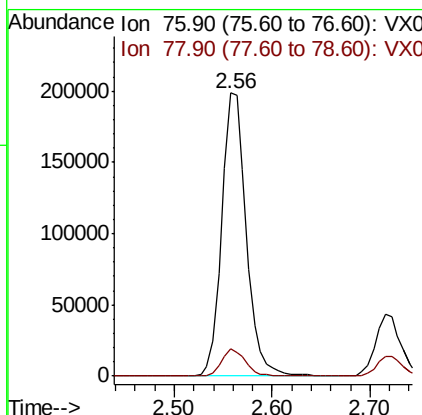
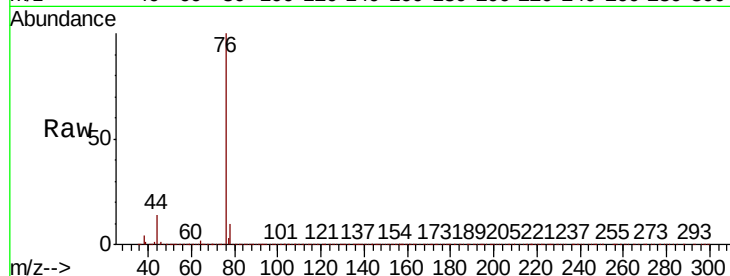




#17
Carbon Disulfide
Concen: 19.196 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

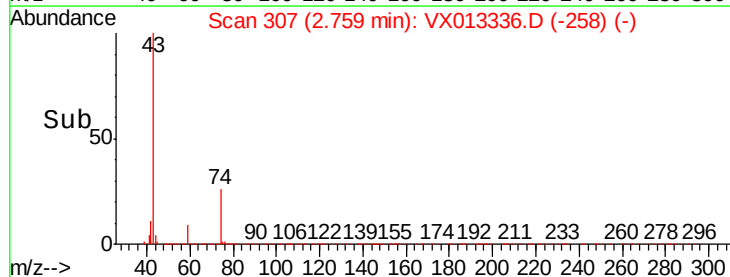
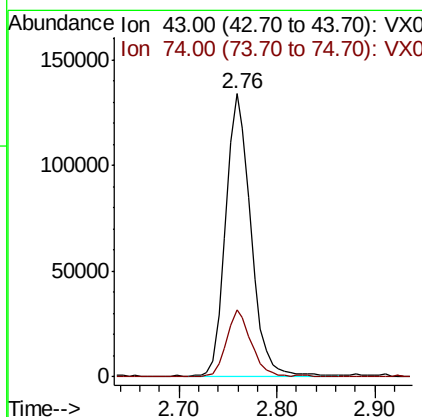
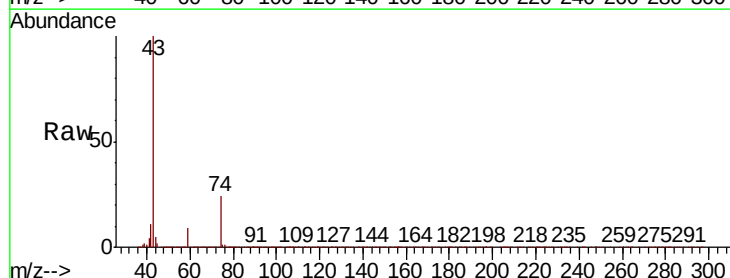
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

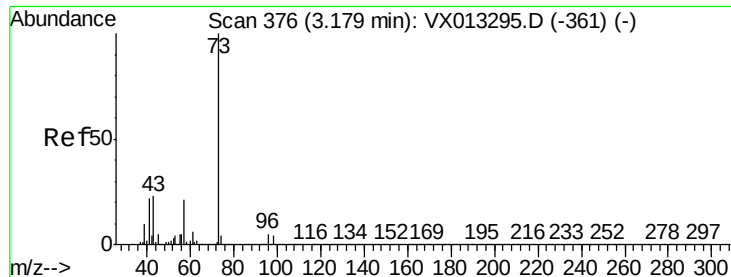
Tot Ion: 76 Resp: 344078
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 19.948 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 43 Resp: 237591
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6

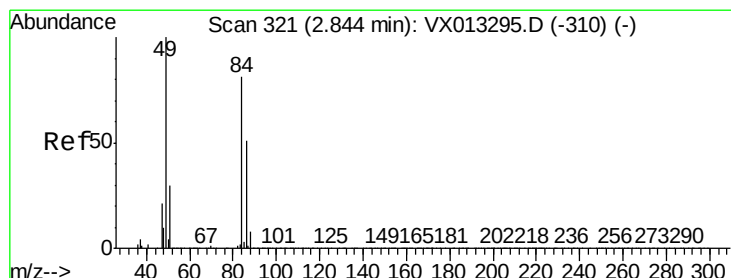
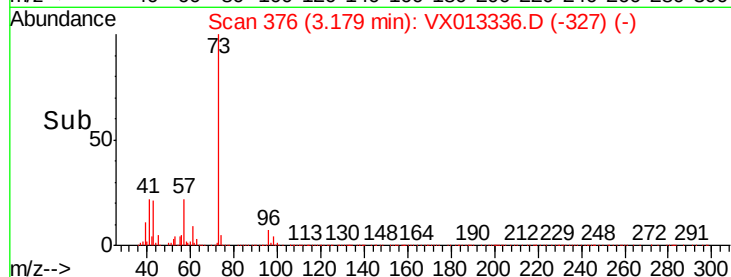
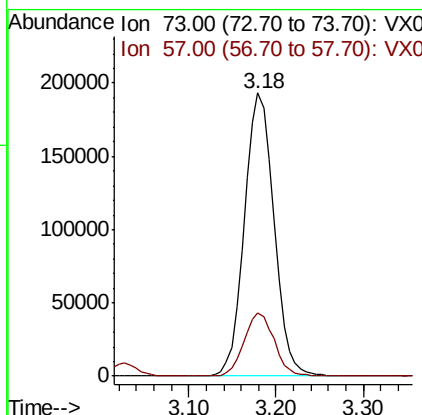
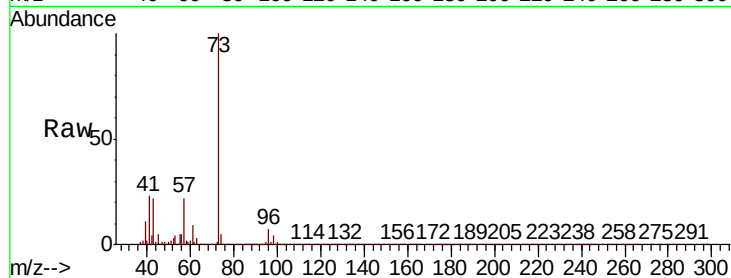




#19
Methyl tert-butyl Ether
Concen: 20.245 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

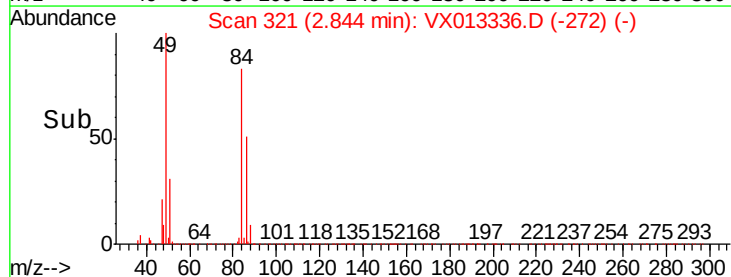
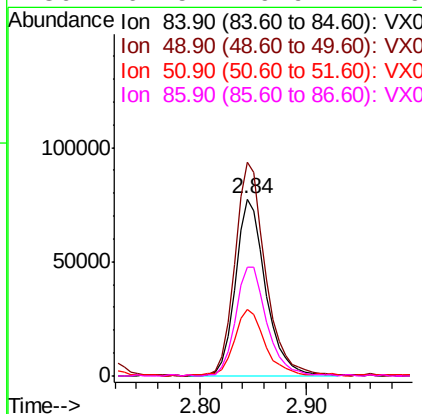
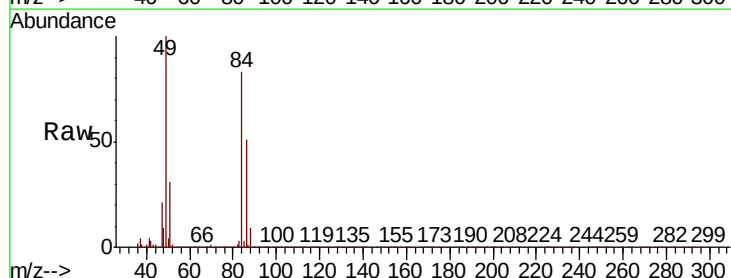
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

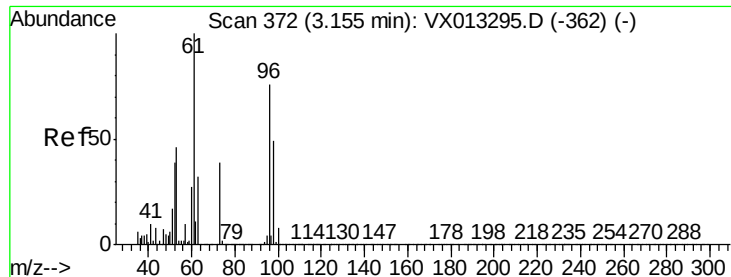
Tot Ion: 73 Resp: 452210
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 19.192 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 84 Resp: 152980
Ion Ratio Lower Upper
84 100
49 120.5 98.2 147.4
51 37.5 29.9 44.9
86 61.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.578 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

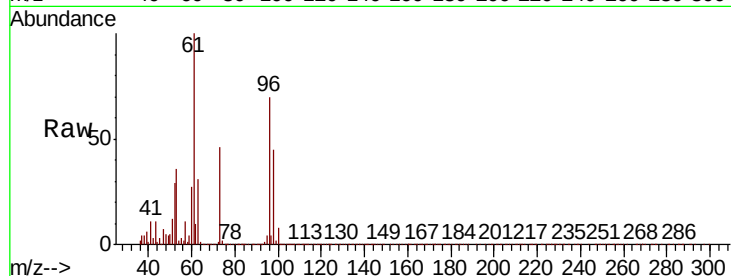
Tot Ion: 96 Resp: 142754

Ion Ratio Lower Upper

96 100

61 142.6 105.8 158.6

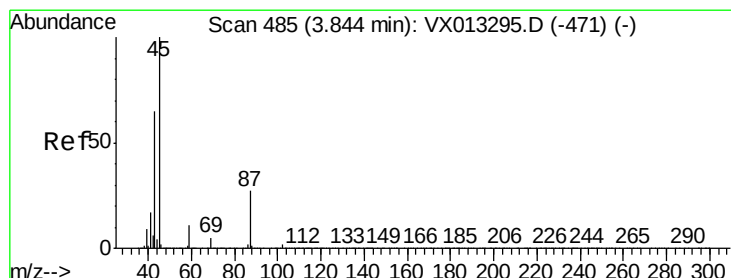
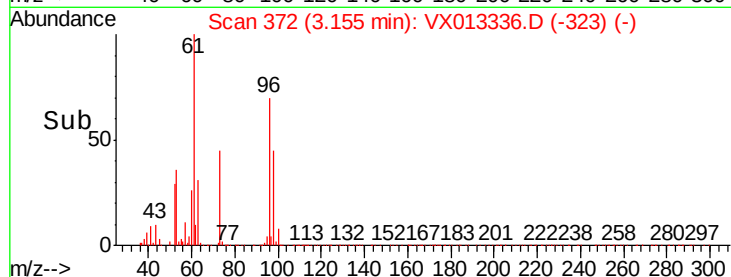
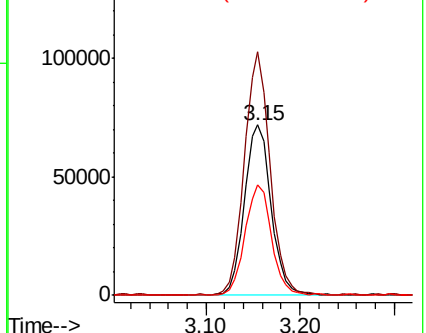
98 64.3 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.479 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion: 45 Resp: 481079

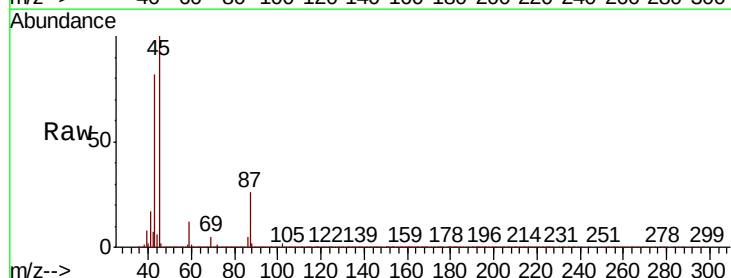
Ion Ratio Lower Upper

45 100

43 80.4 54.2 81.2

87 26.3 21.8 32.8

59 11.8 8.5 12.7

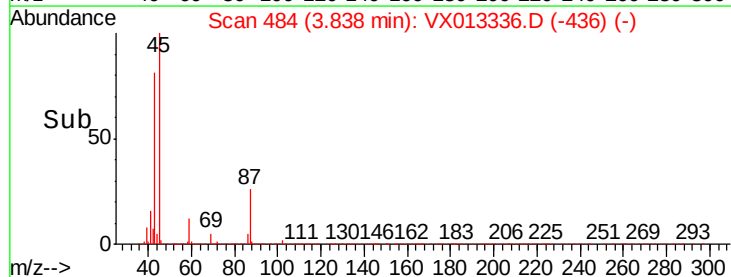
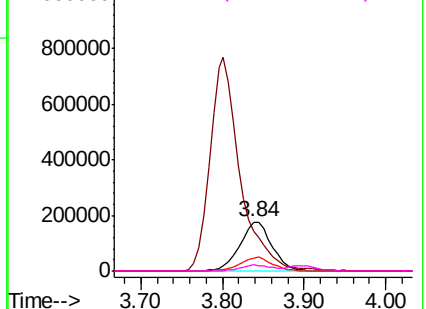


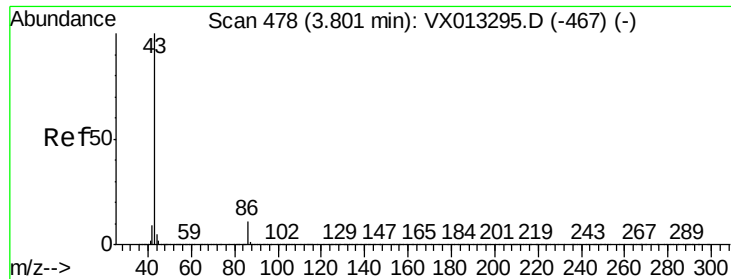
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.847 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

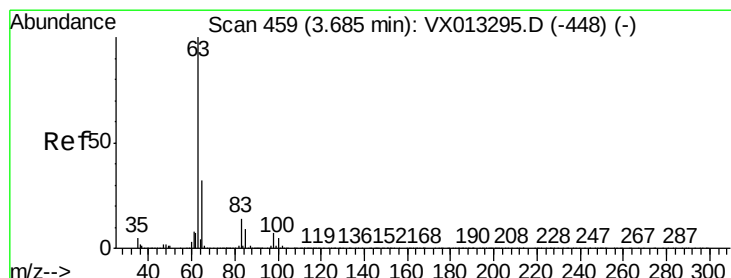
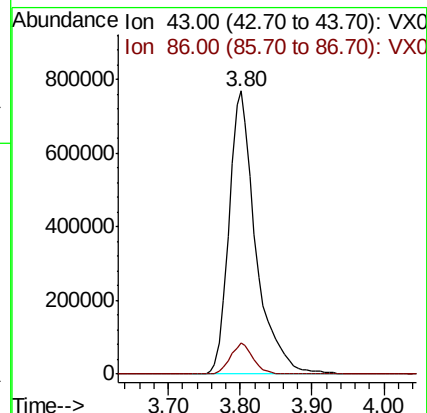
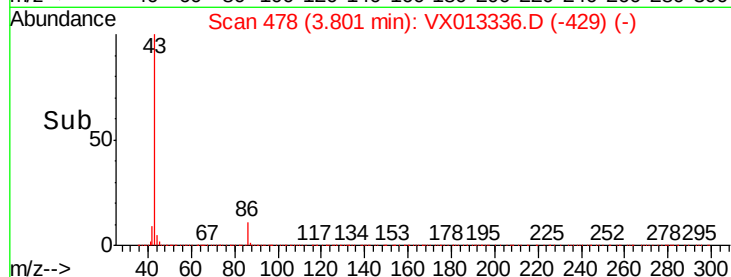
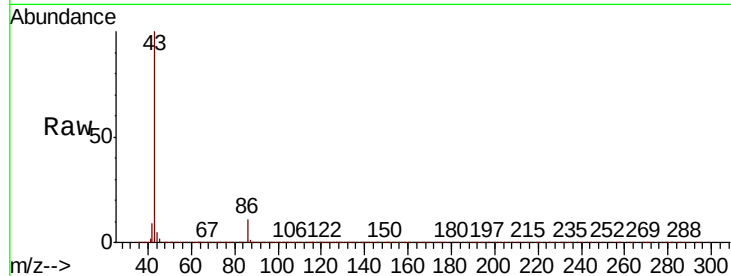
VX1106WBS01

Tot Ion: 43 Resp: 1987007

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 20.229 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

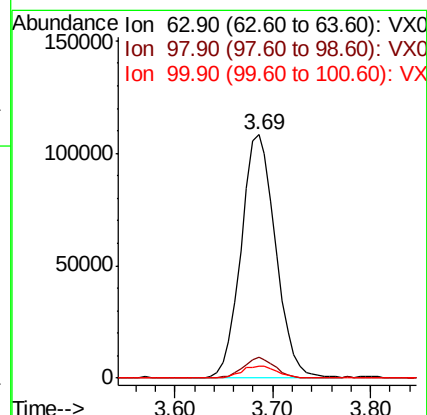
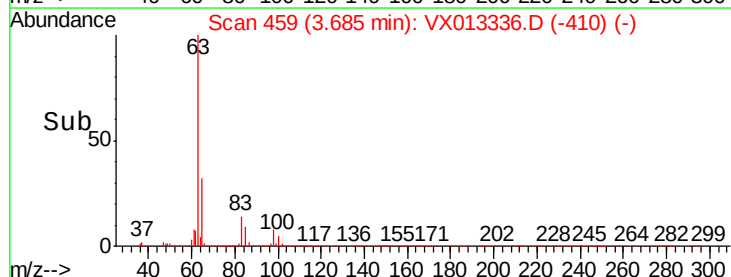
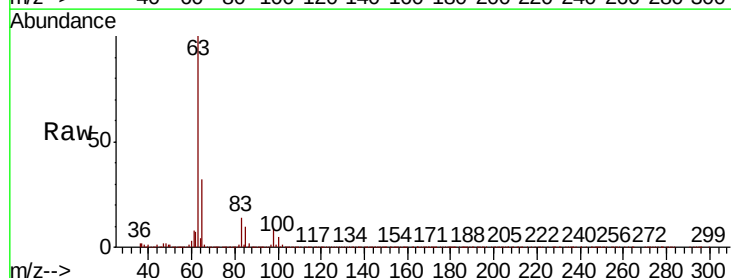
Tgt Ion: 63 Resp: 265843

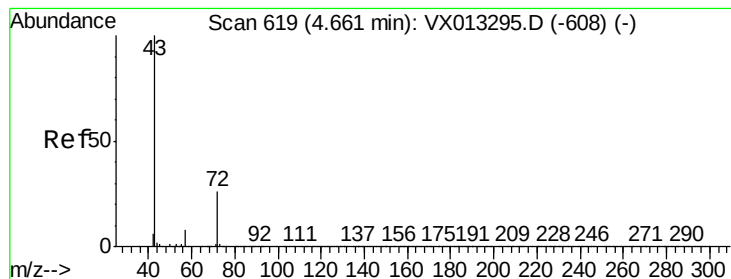
Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 95.909 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

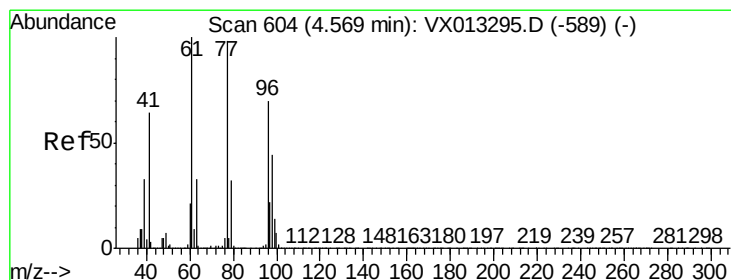
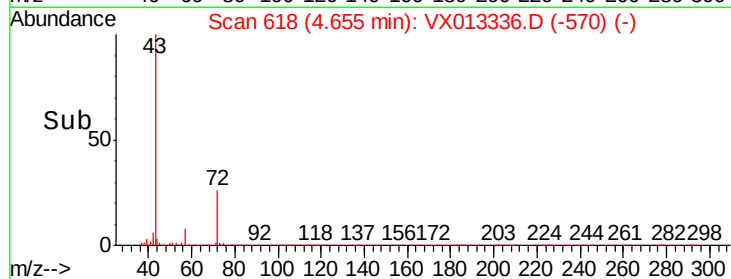
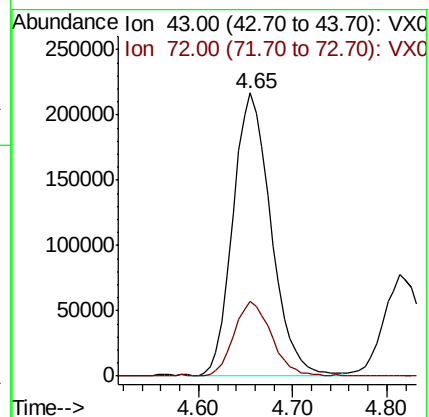
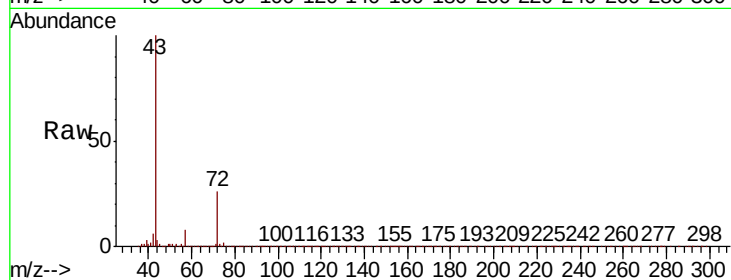
VX1106WBS01

Tot Ion: 43 Resp: 607003

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.246 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013336.D

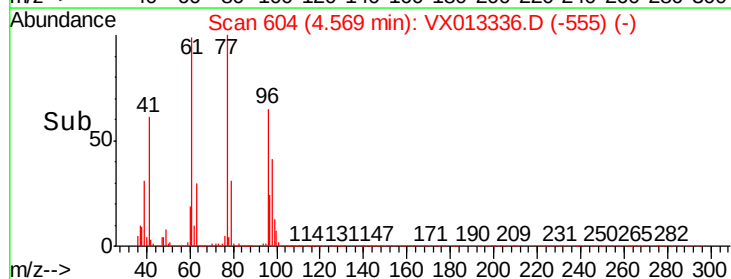
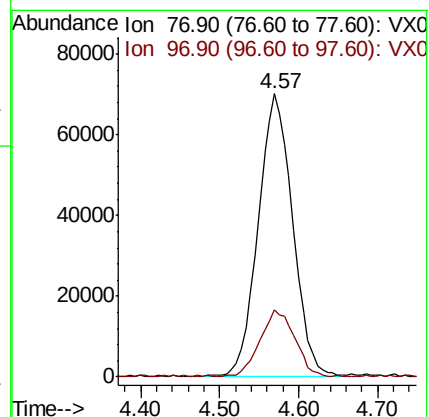
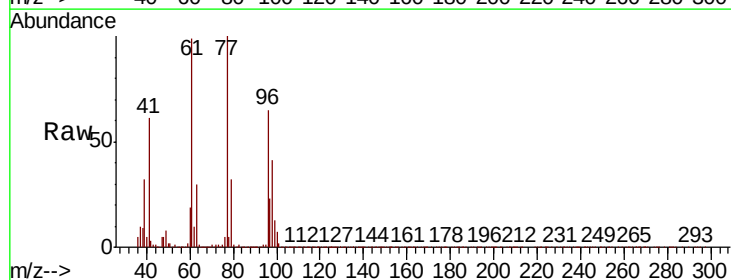
Acq: 06 Nov 2019 11:55

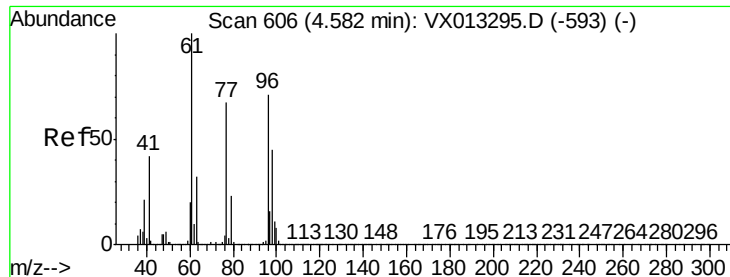
Tgt Ion: 77 Resp: 211657

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8



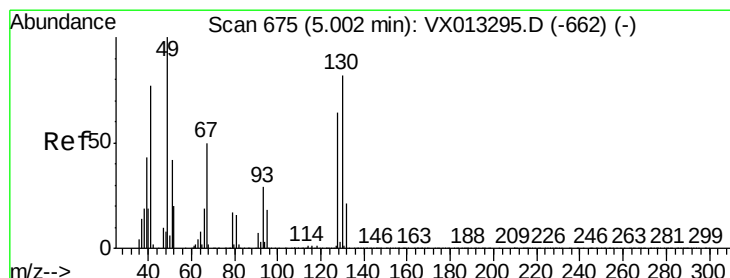
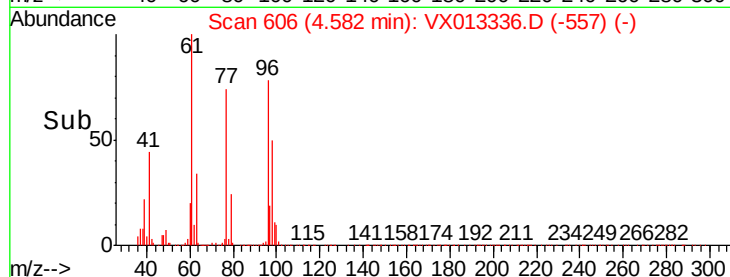
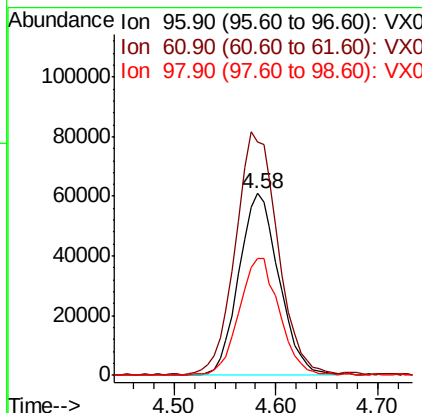
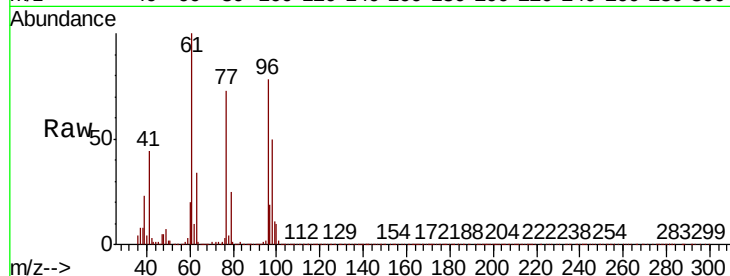


#27

cis-1,2-Dichloroethene
Concen: 20.260 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX1106WBS01

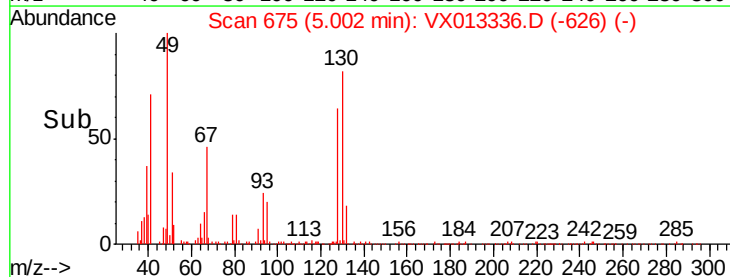
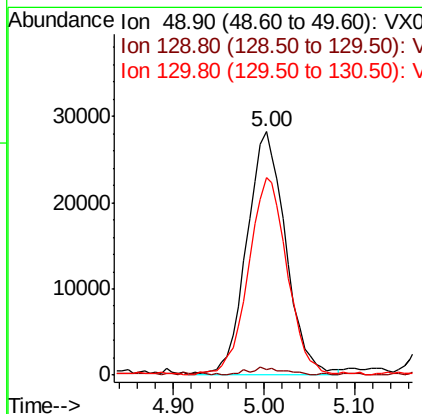
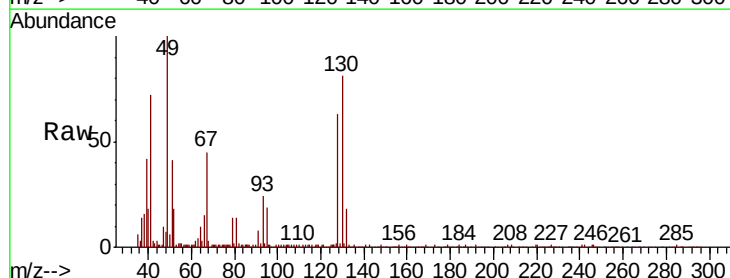
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	288.0
98	64.5	0.0	129.6

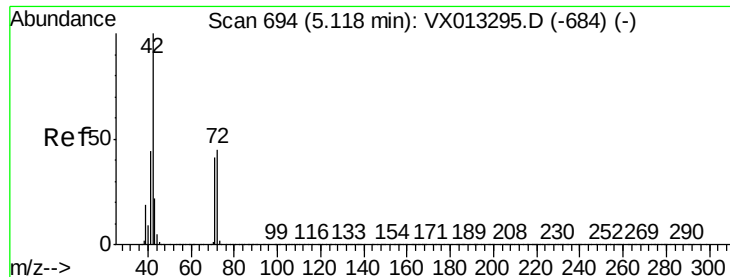


#28

Bromochloromethane
Concen: 22.498 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	80.8	63.8	95.6

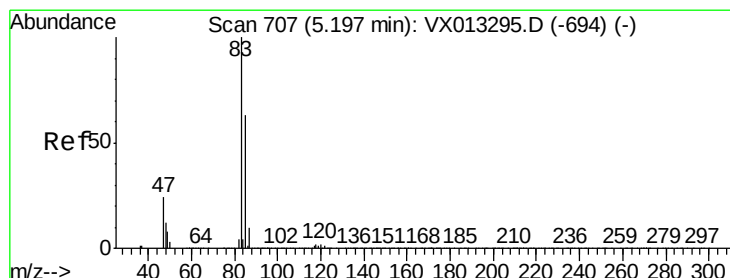
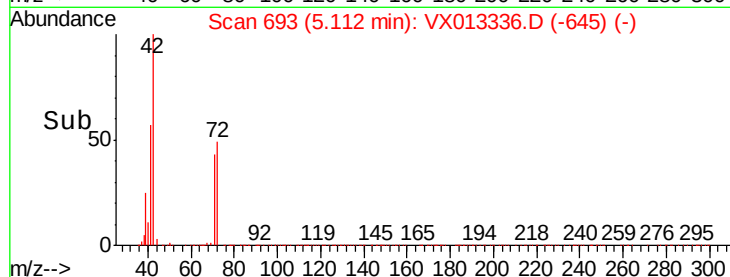
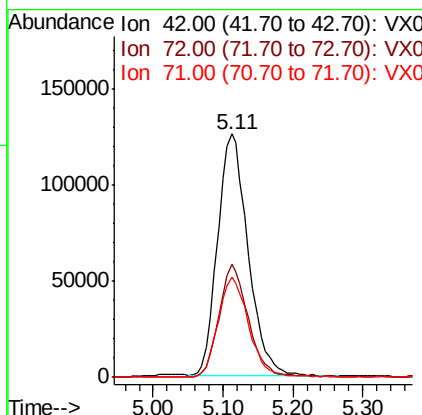
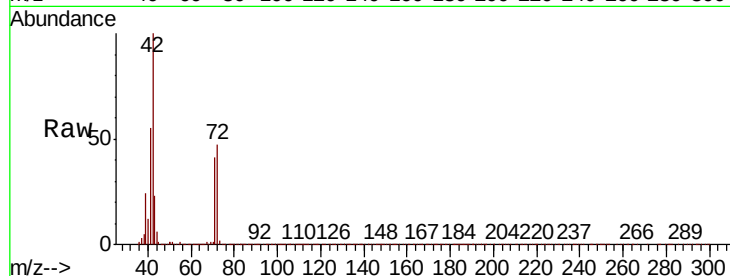




#29
Tetrahydrofuran
Concen: 98.017 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

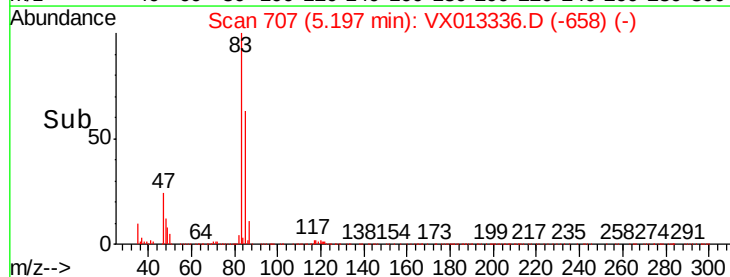
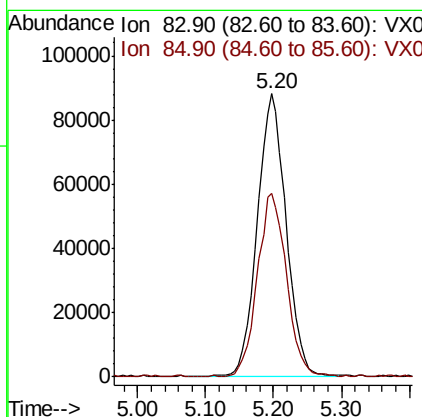
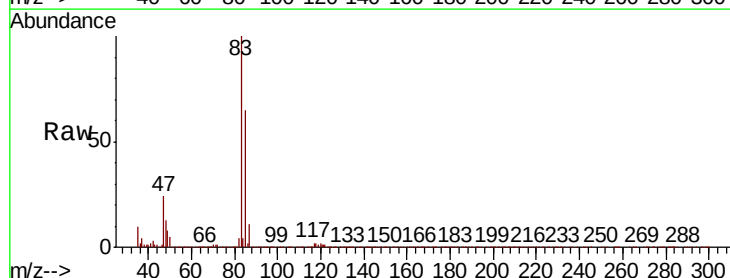
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

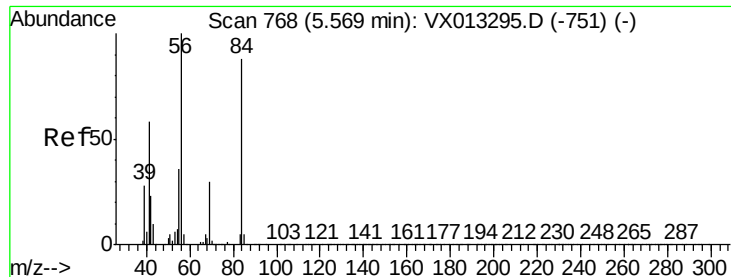
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	40.6	33.4	50.0



#30
Chloroform
Concen: 19.949 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.4

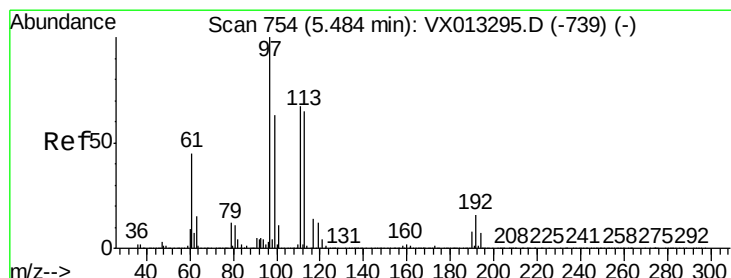
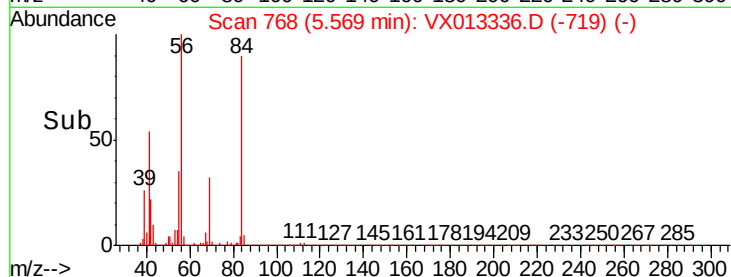
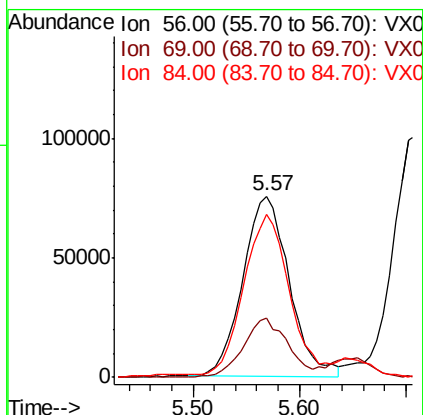
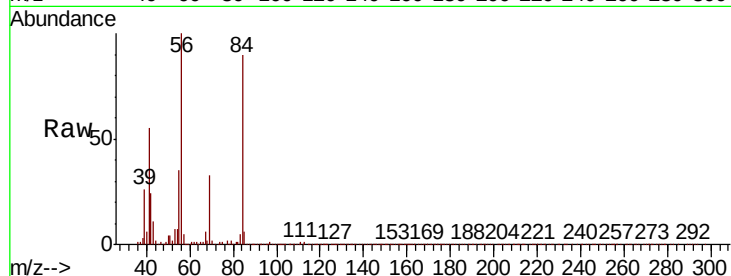




#31
Cyclohexane
Concen: 19.412 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

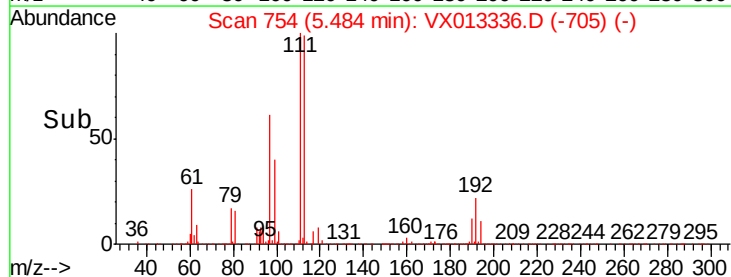
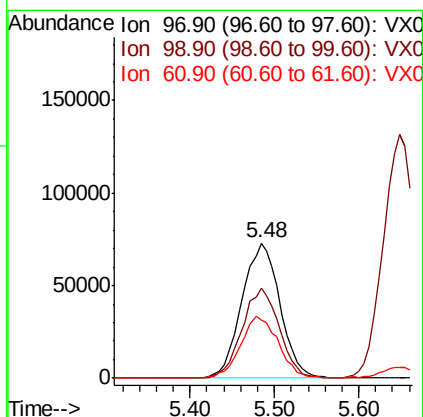
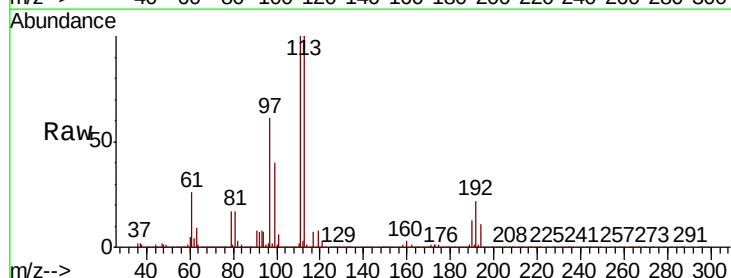
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

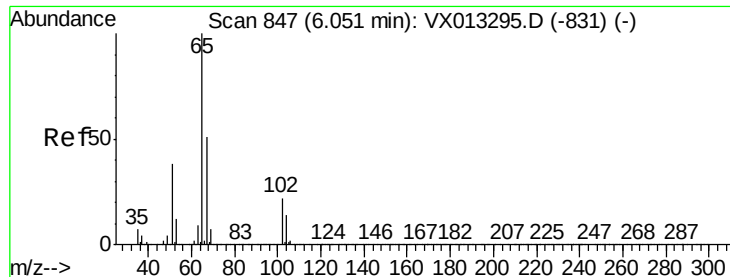
Tot Ion: 56 Resp: 229548
Ion Ratio Lower Upper
56 100
69 32.5 23.7 35.5
84 89.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 97 Resp: 223296
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 44.4 36.5 54.7

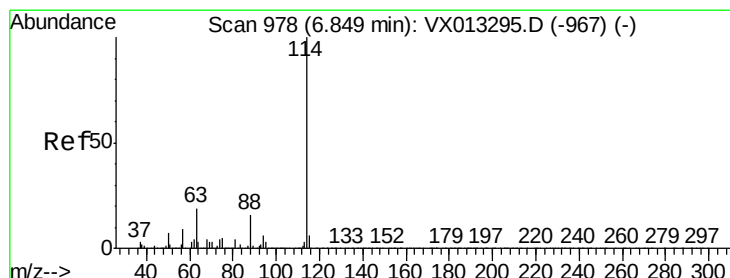
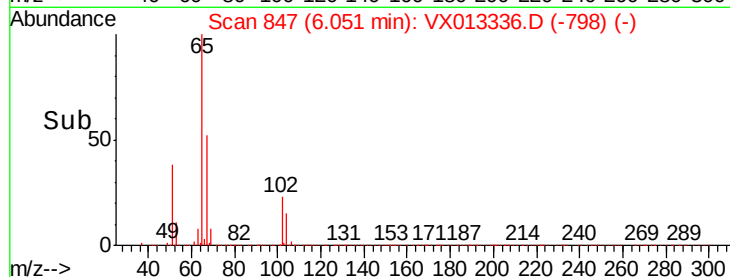
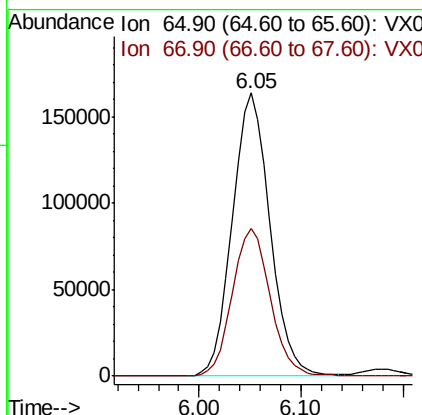
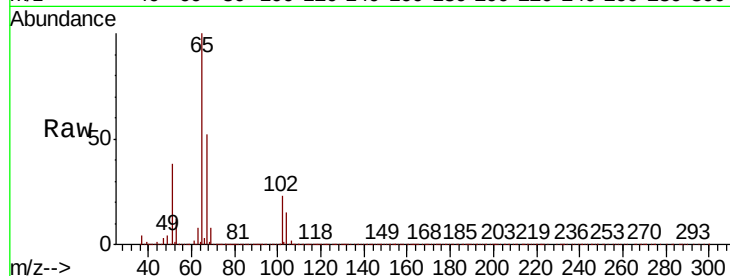




#33
 1,2-Dichloroethane-d4
 Concen: 48.553 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

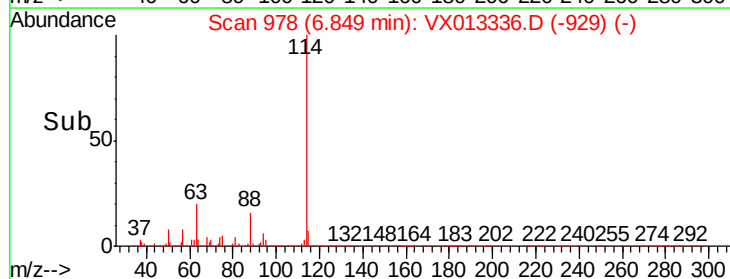
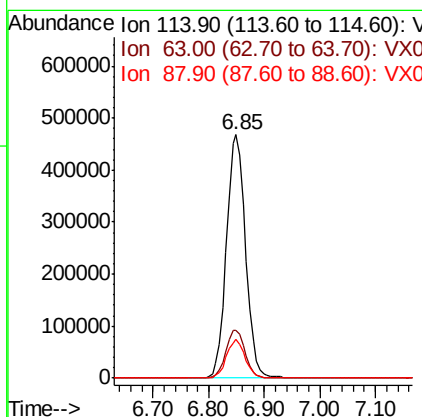
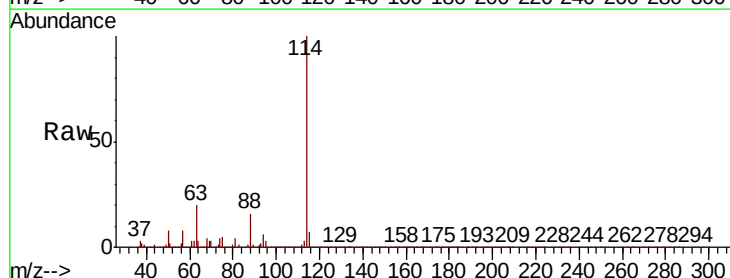
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

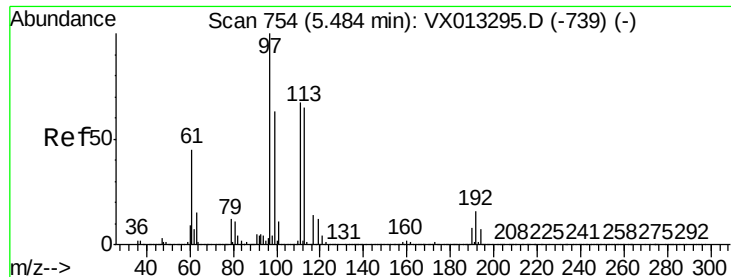
Tot Ion: 65 Resp: 419947
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion: 114 Resp: 1107911
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.9 0.0 32.2

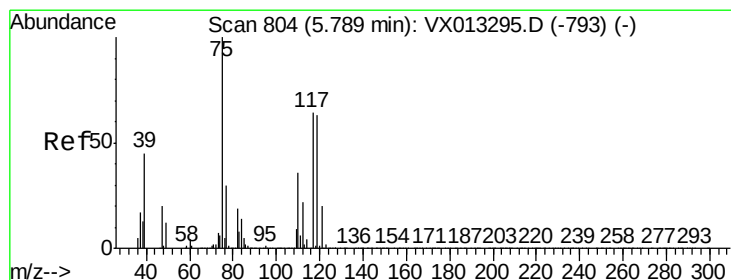
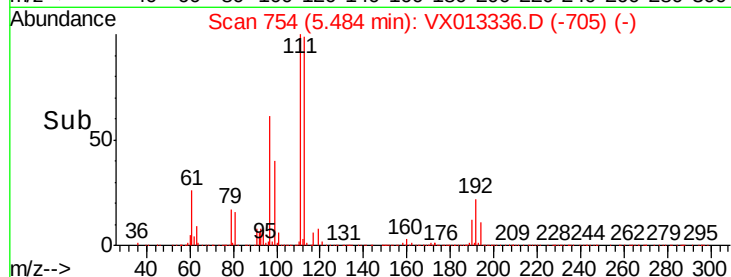
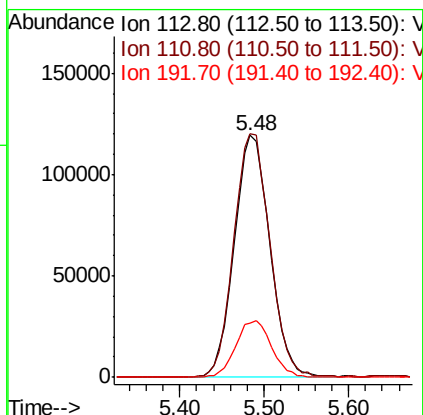
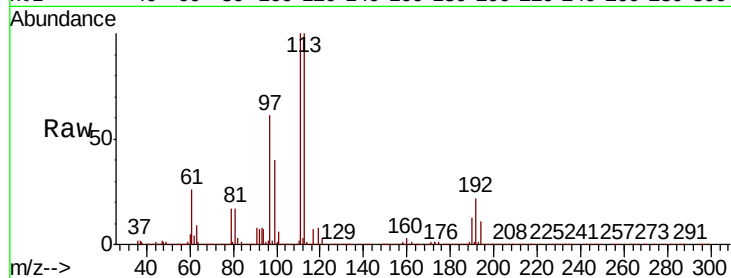




#35
 Dibromofluoromethane
 Concen: 49.112 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

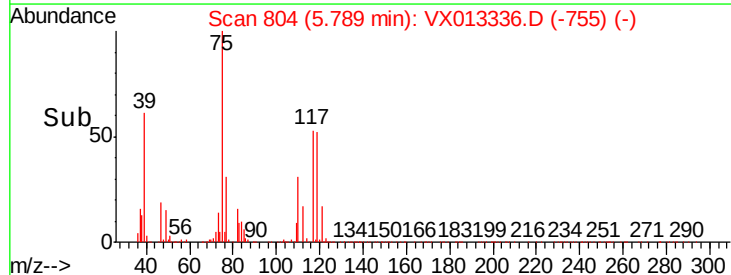
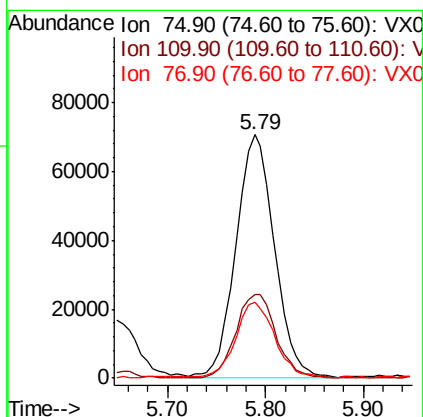
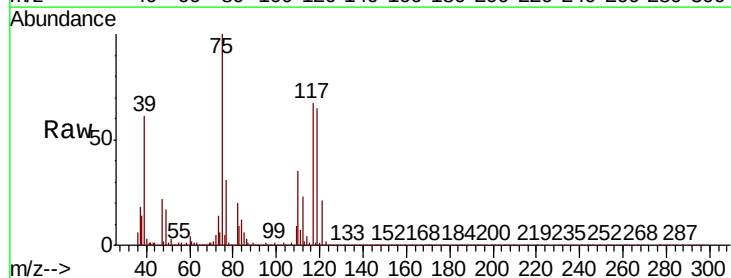
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

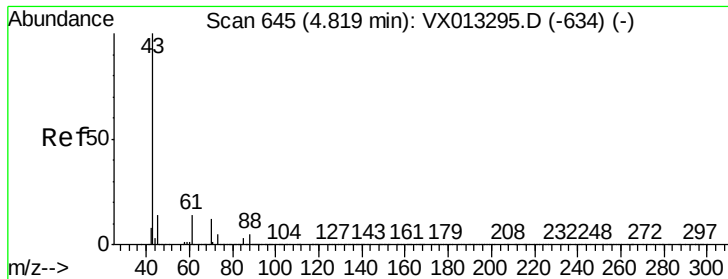
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	23.5	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 20.106 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.1
77	31.4	25.0	37.4

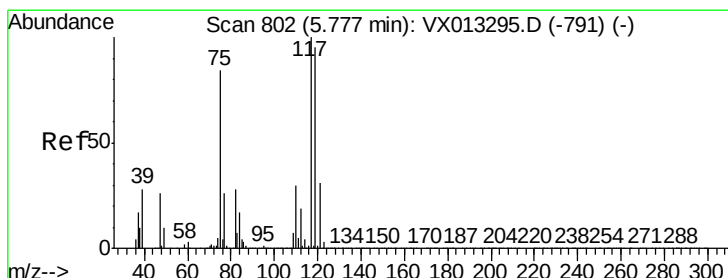
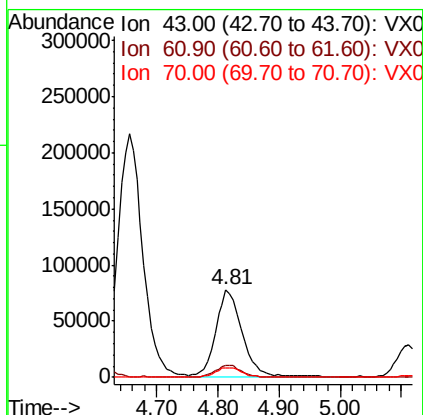
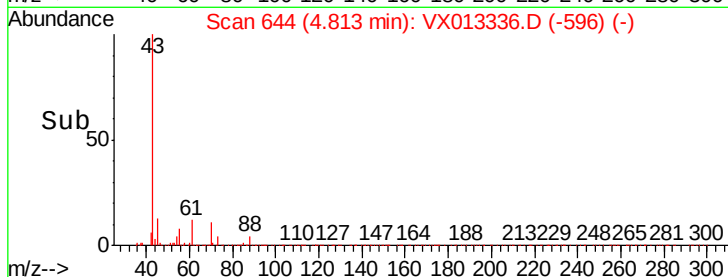
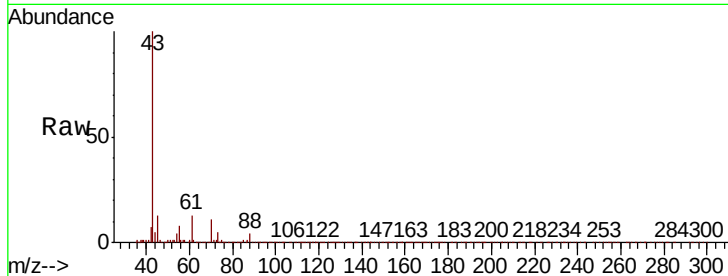




#37
Ethyl Acetate
Concen: 19.686 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

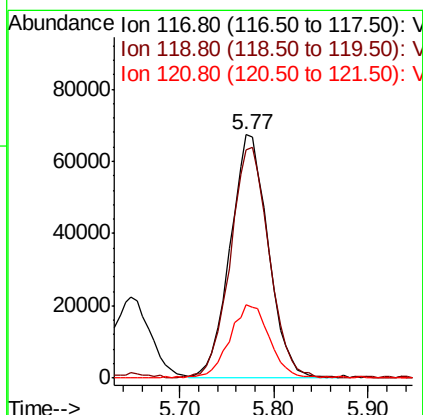
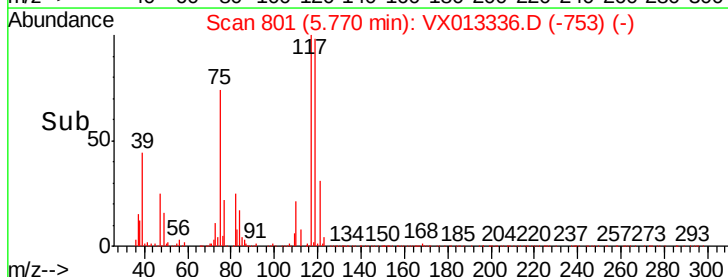
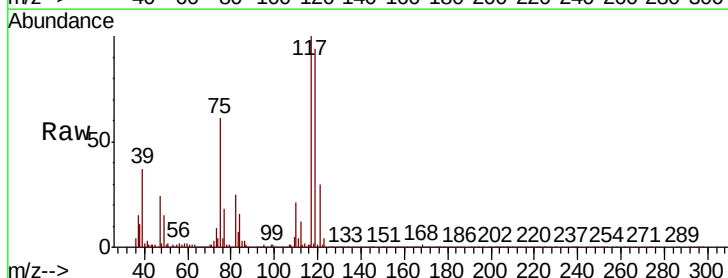
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

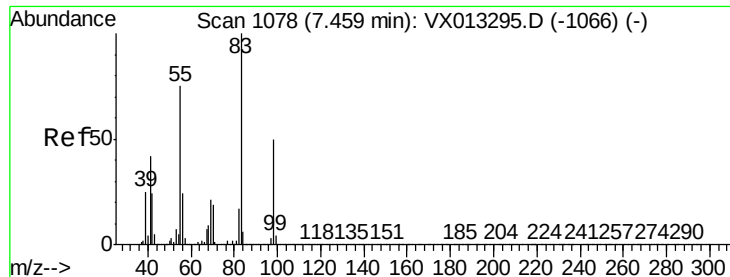
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	11.0	8.7	13.1



#38
Carbon Tetrachloride
Concen: 20.250 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.1	114.1
121	30.0	24.6	37.0

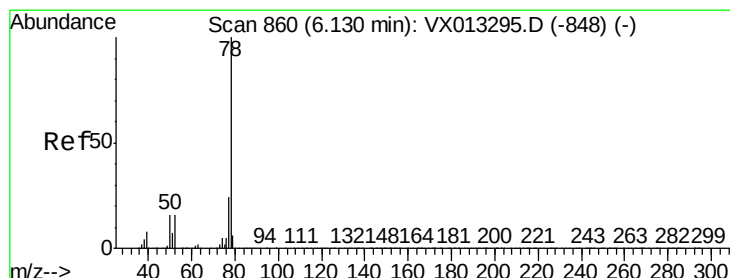
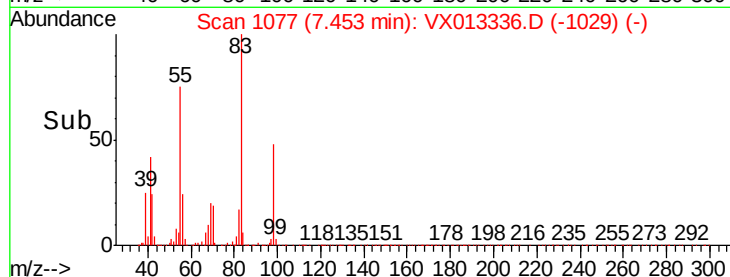
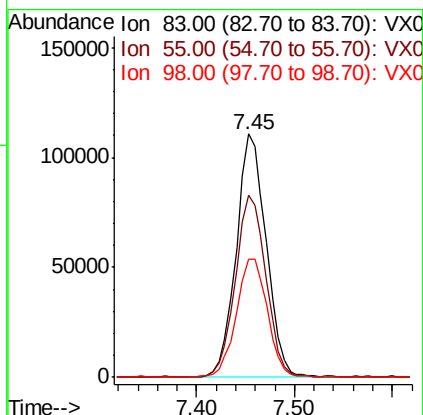
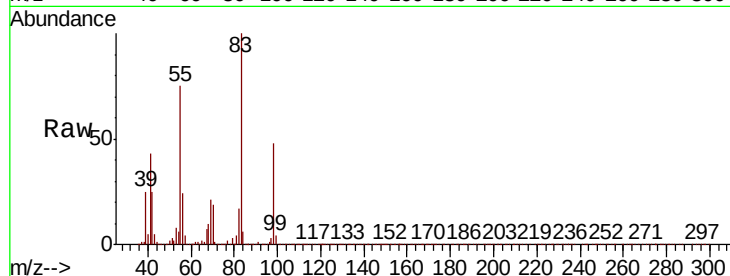




#39
Methylvlcyclohexane
Concen: 19.871 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

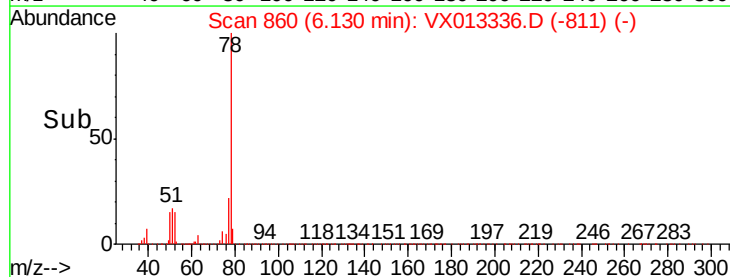
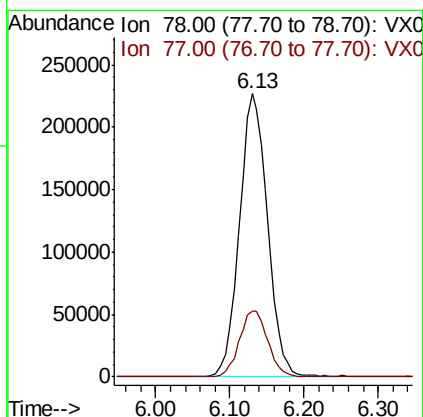
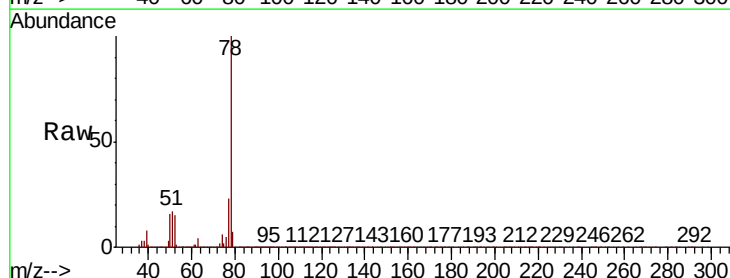
Instrument :
MSVOA_X
ClientSampled :
VX1106WBS01

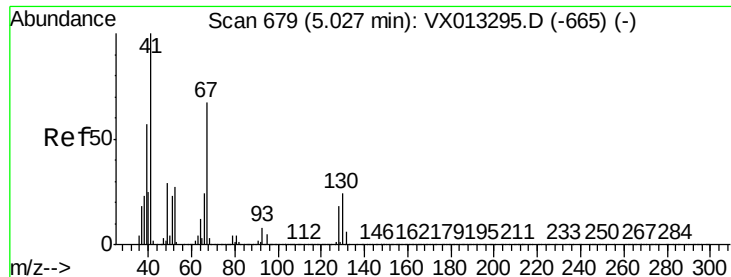
Tot Ion	83	Resp	235333
Ion Ratio	Lower	Upper	
83	100		
55	74.7	60.3	90.5
98	48.1	40.3	60.5



#40
Benzene
Concen: 20.200 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	78	Resp	598051
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.5	29.3





#41

Methacrylonitrile

Concen: 19.172 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tot Ion: 41 Resp: 126201

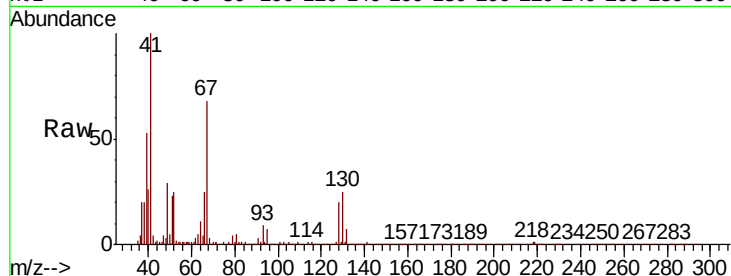
Ion Ratio Lower Upper

41 100

39 52.5 45.0 67.6

67 70.5 55.4 83.2

52 27.4 23.1 34.7

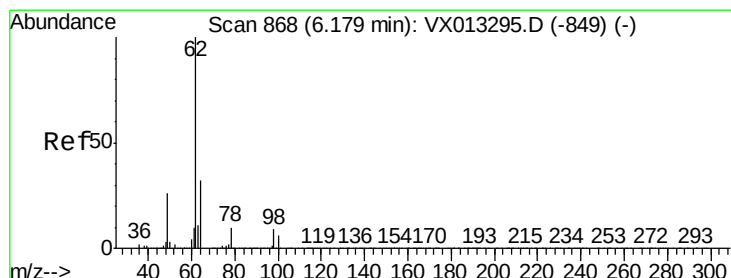
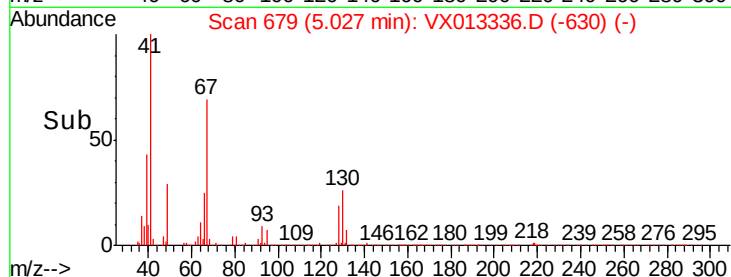
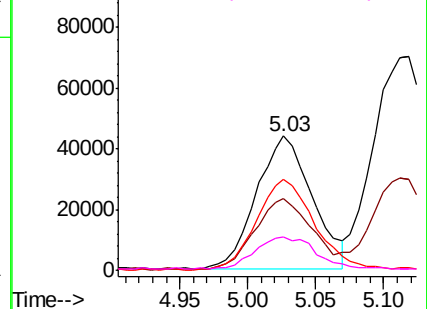


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.373 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013336.D

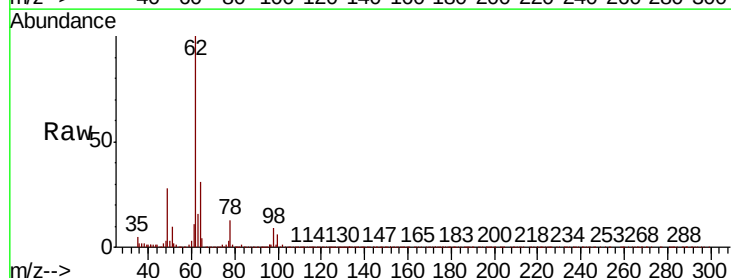
Acq: 06 Nov 2019 11:55

Tgt Ion: 62 Resp: 217561

Ion Ratio Lower Upper

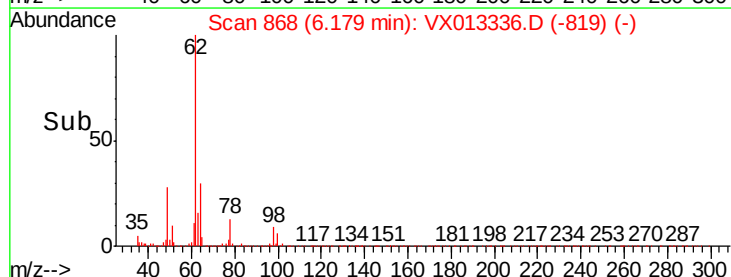
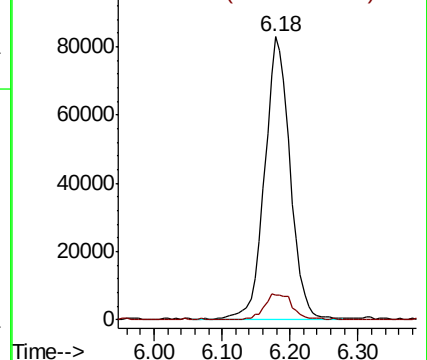
62 100

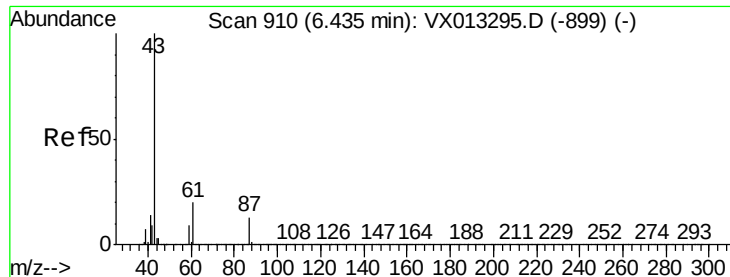
98 9.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.740 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

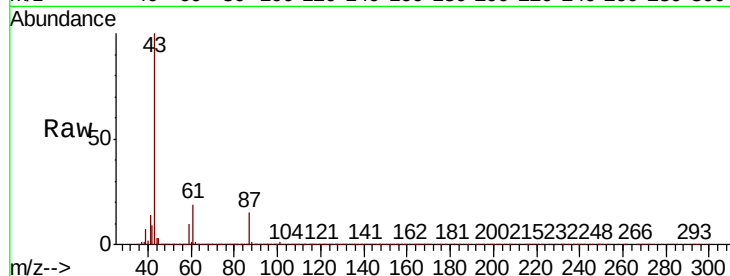
Tot Ion: 43 Resp: 361011

Ion Ratio Lower Upper

43 100

61 19.6 15.8 23.8

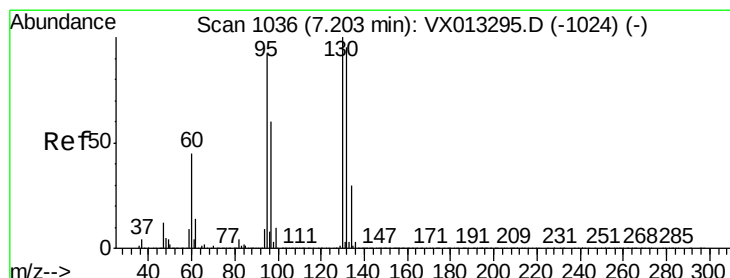
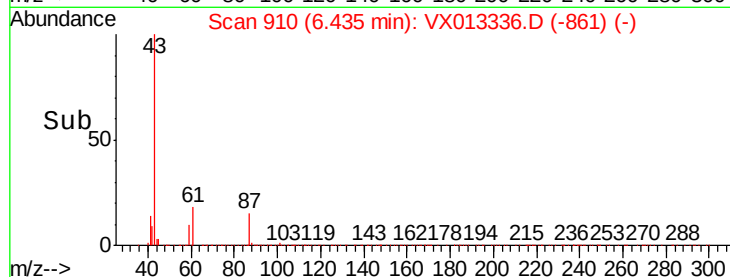
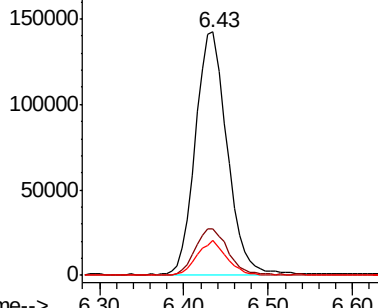
87 13.4 10.4 15.6



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: 19.302 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013336.D

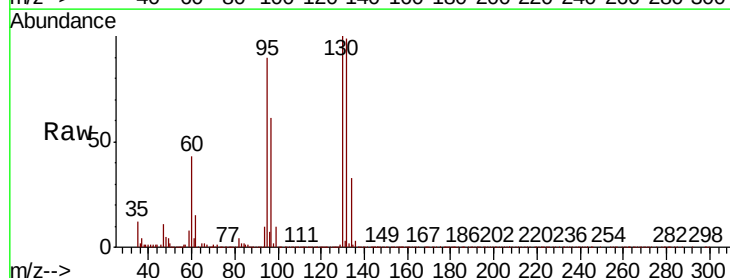
Acq: 06 Nov 2019 11:55

Tgt Ion:130 Resp: 157307

Ion Ratio Lower Upper

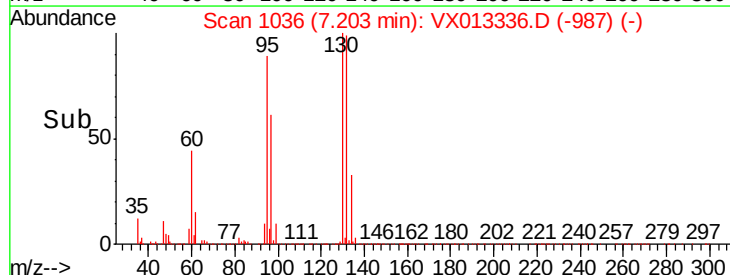
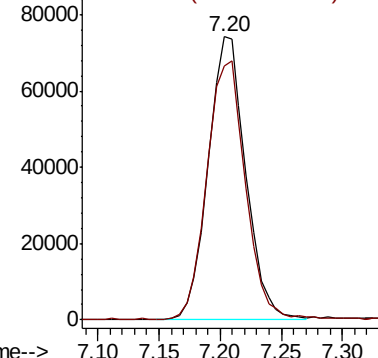
130 100

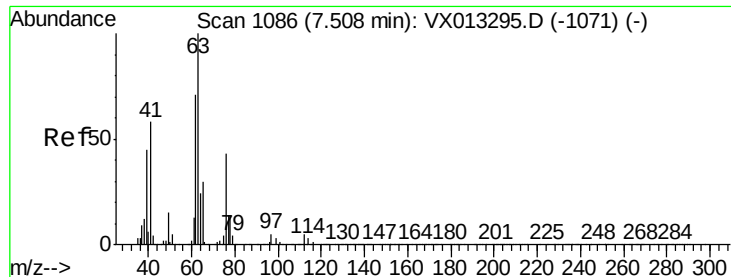
95 89.5 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

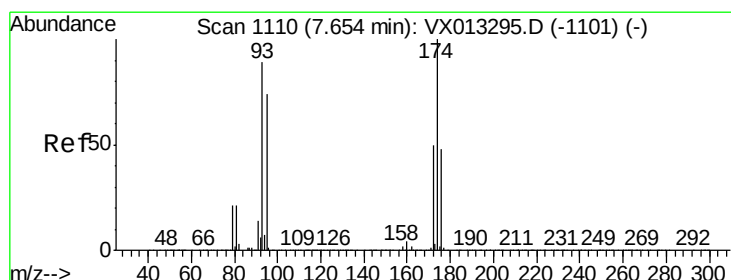
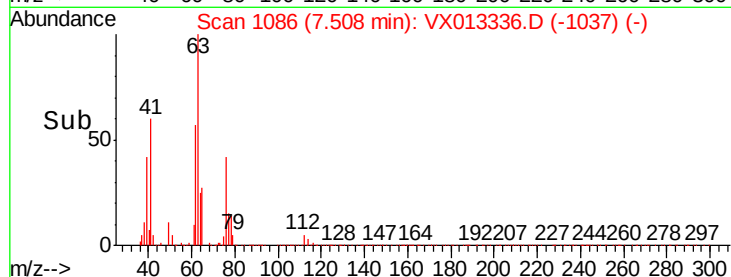
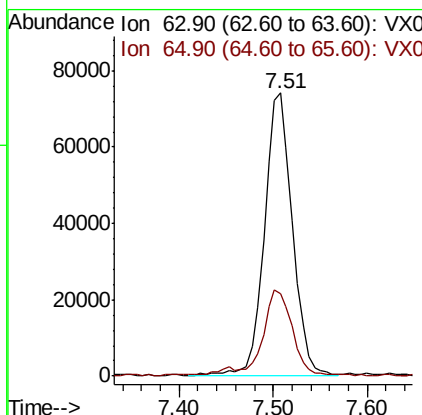
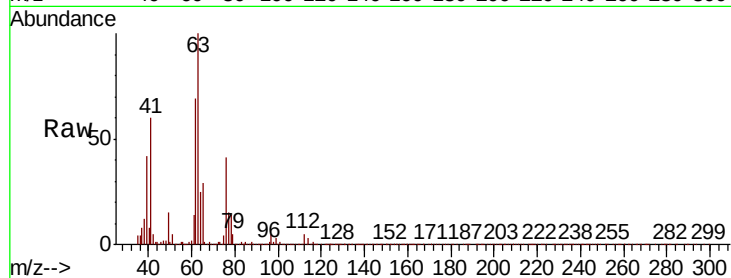




#45
 1,2-Dichloropropane
 Concen: 20.332 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

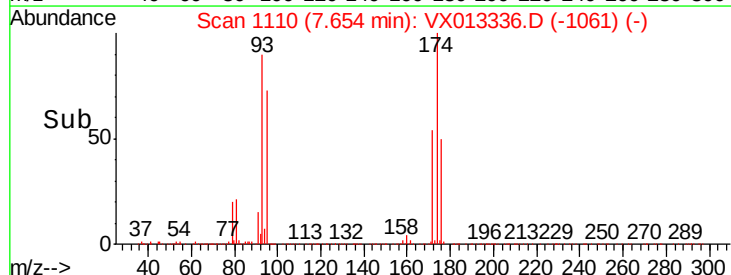
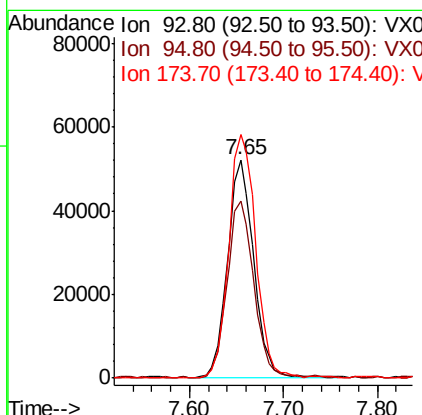
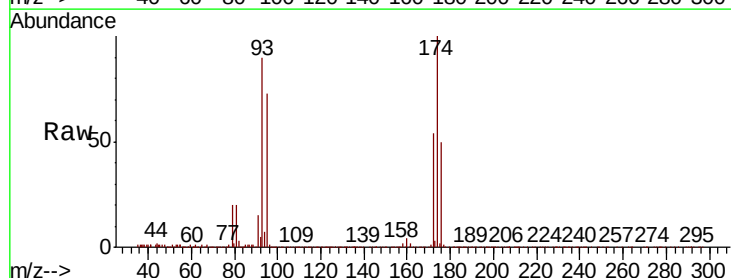
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

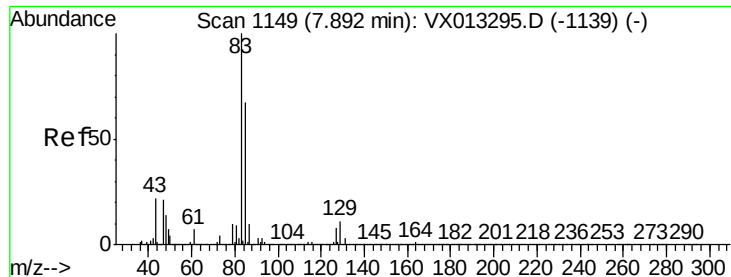
Tot Ion: 63 Resp: 153376
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.3 36.5



#46
 Dibromomethane
 Concen: 19.366 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion: 93 Resp: 99745
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.6
 174 116.1 90.4 135.6





#47

Bromodichloromethane

Concen: 20.346 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

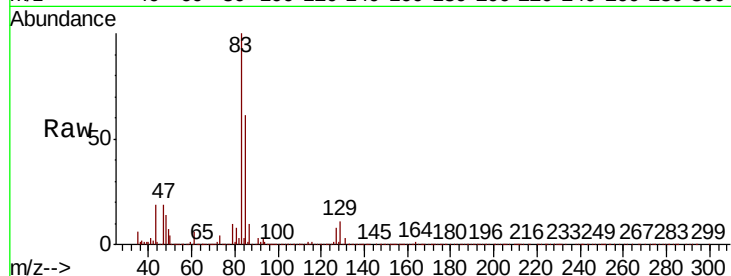
Tot Ion: 83 Resp: 197607

Ion Ratio Lower Upper

83 100

85 60.9 53.7 80.5

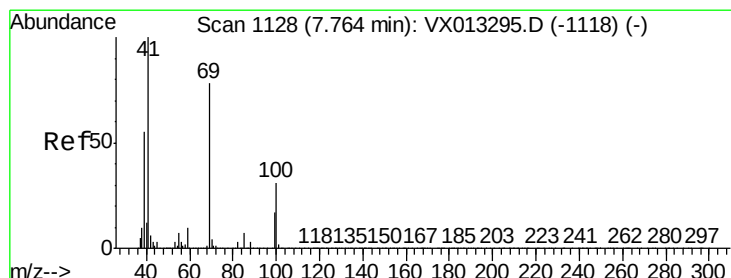
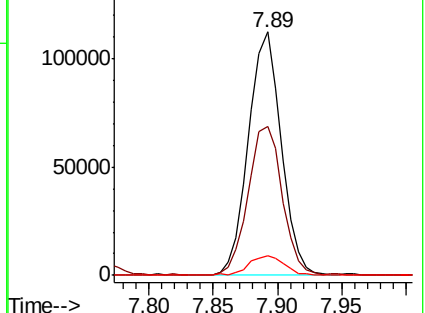
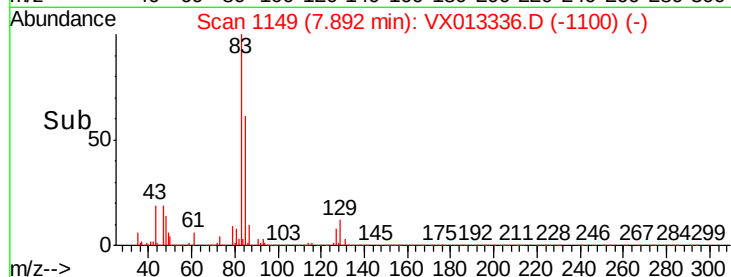
127 8.2 6.4 9.6



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: 19.681 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

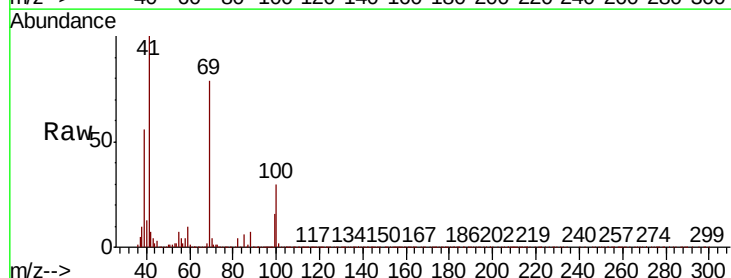
Tgt Ion: 41 Resp: 179670

Ion Ratio Lower Upper

41 100

69 82.5 63.0 94.6

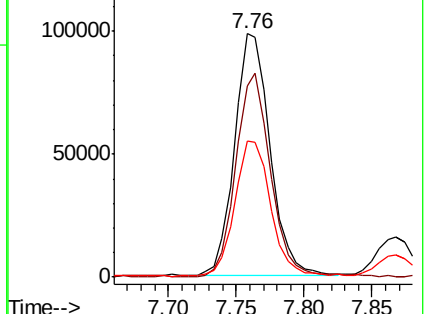
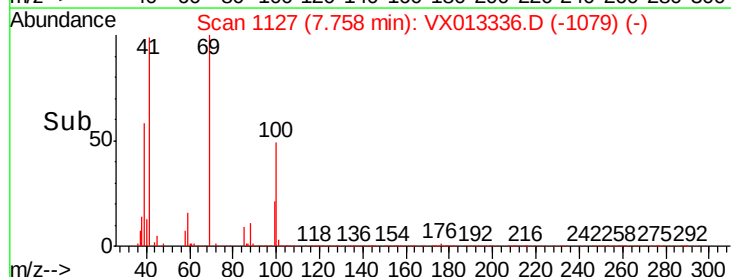
39 56.7 45.9 68.9

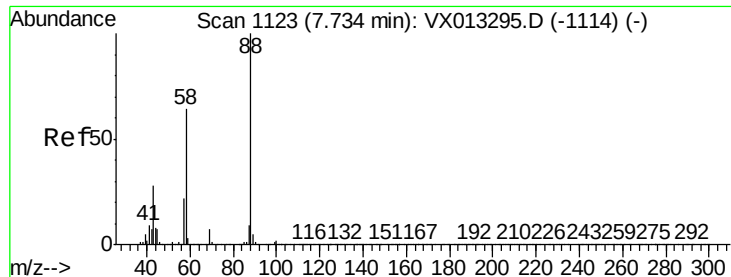


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 372.900 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX1106WBS01

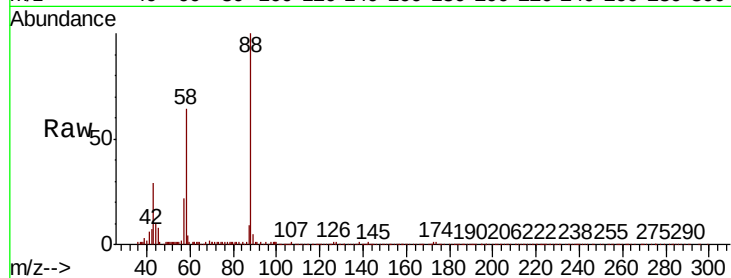
Tot Ion: 88 Resp: 77960

Ion Ratio Lower Upper

88 100

43 32.1 26.6 39.8

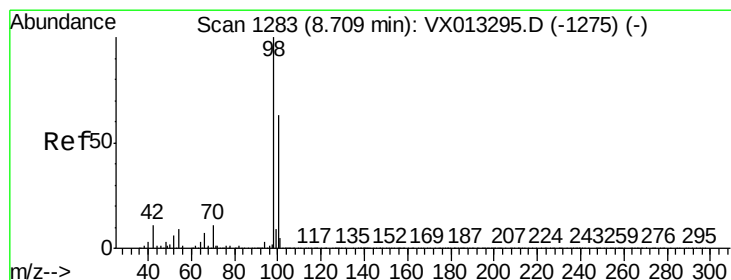
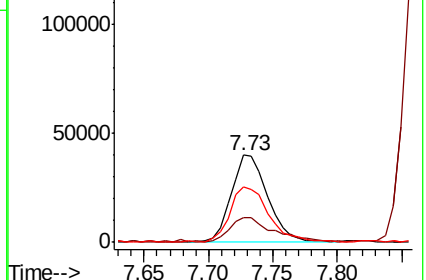
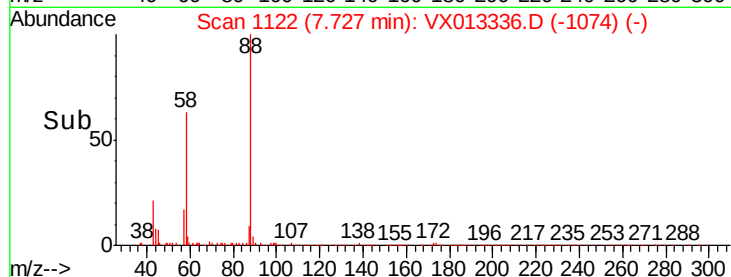
58 68.0 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.152 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013336.D

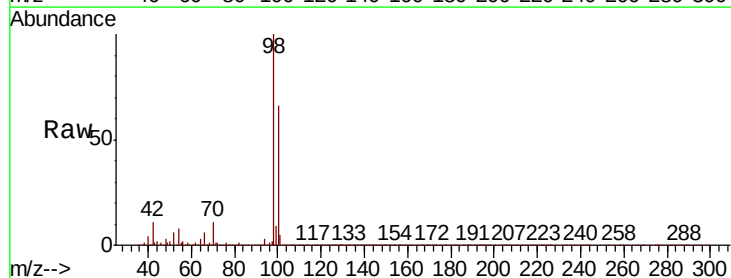
Acq: 06 Nov 2019 11:55

Tgt Ion: 98 Resp: 1313820

Ion Ratio Lower Upper

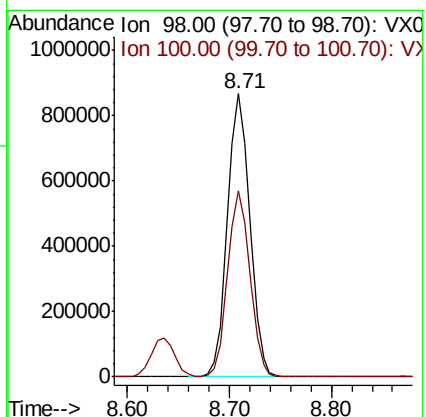
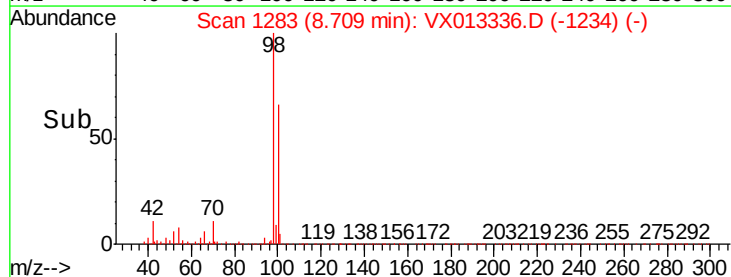
98 100

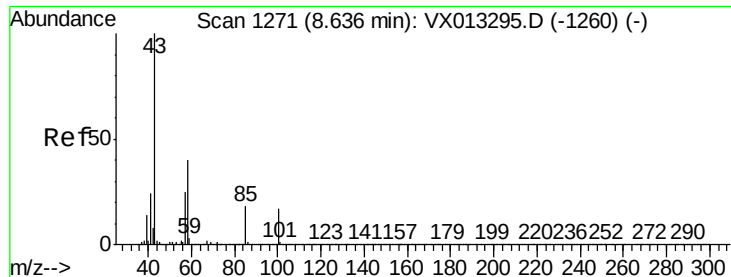
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 96.249 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

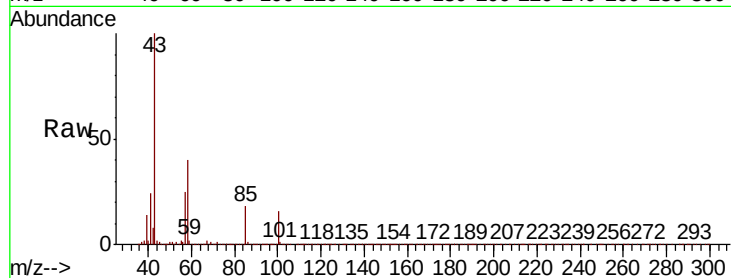
VX1106WBS01

Tot Ion: 43 Resp: 1154855

Ion Ratio Lower Upper

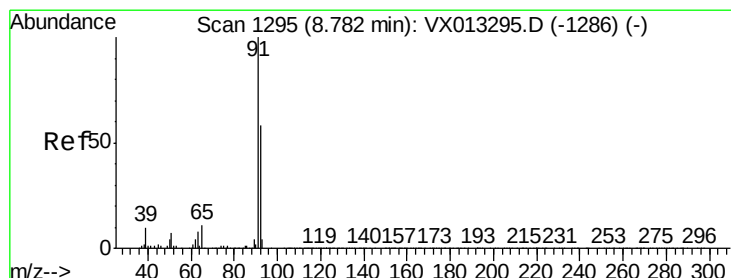
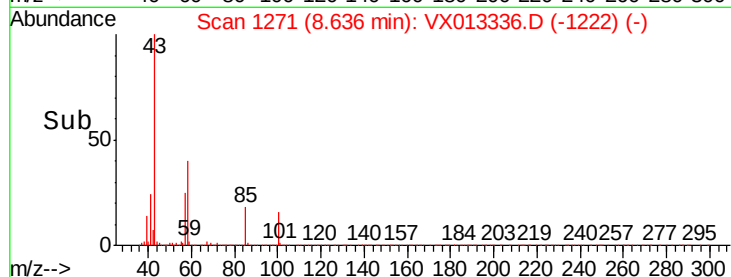
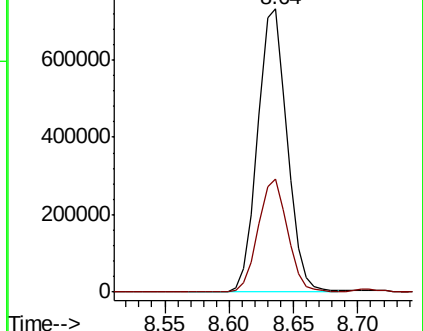
43 100

58 39.7 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.661 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013336.D

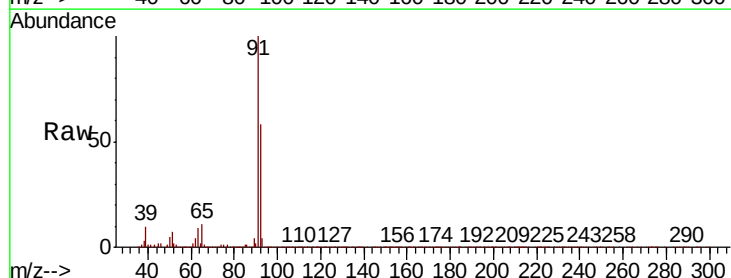
Acq: 06 Nov 2019 11:55

Tgt Ion: 92 Resp: 379121

Ion Ratio Lower Upper

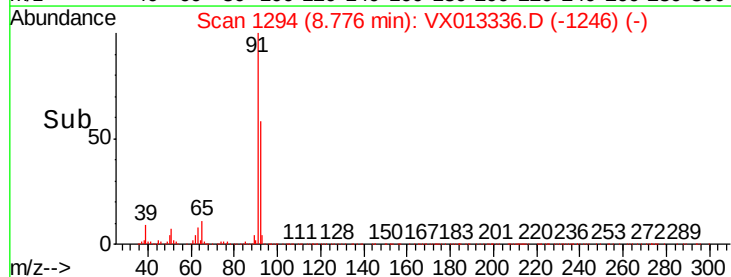
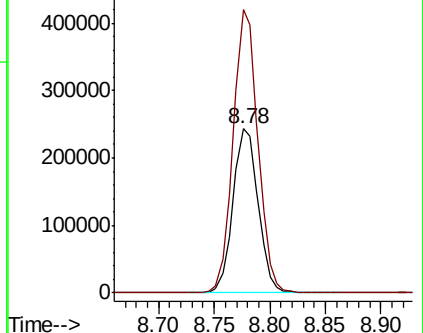
92 100

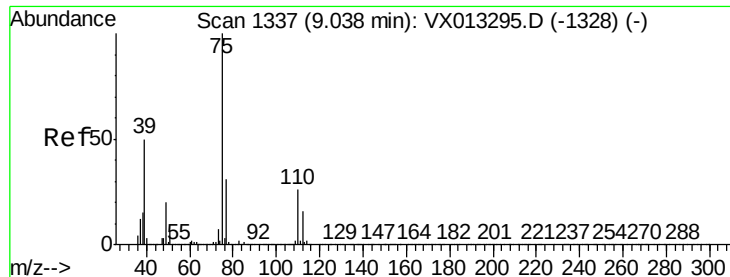
91 170.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.314 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

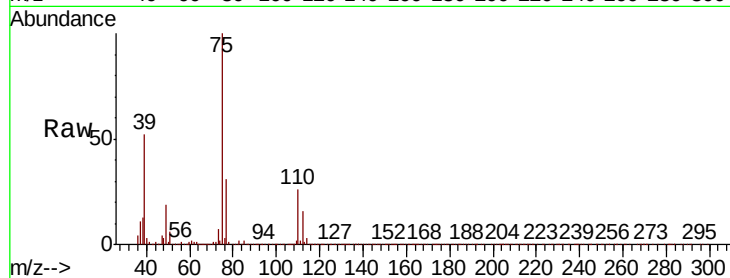
VX1106WBS01

Tot Ion: 75 Resp: 215745

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

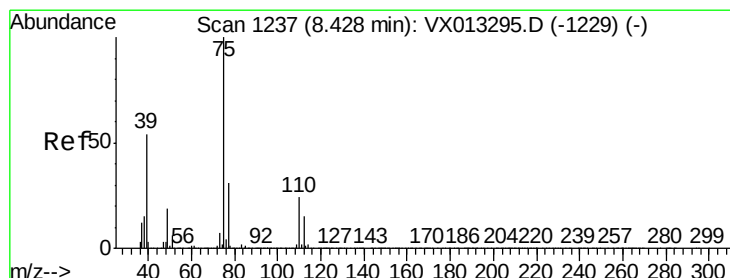
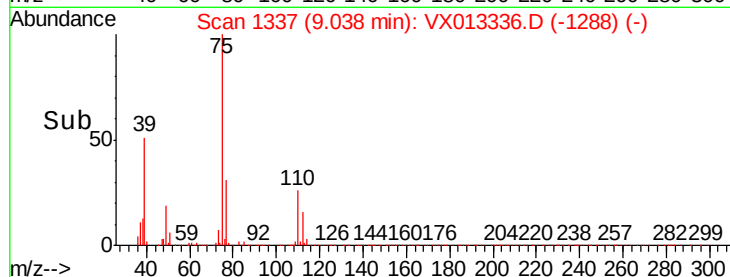
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.910 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

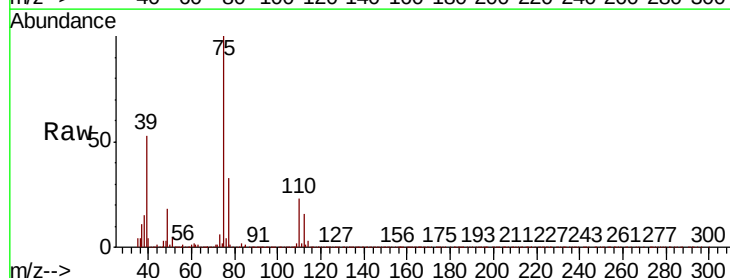
Tgt Ion: 75 Resp: 236529

Ion Ratio Lower Upper

75 100

77 32.5 24.7 37.1

39 52.9 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

8.43

200000

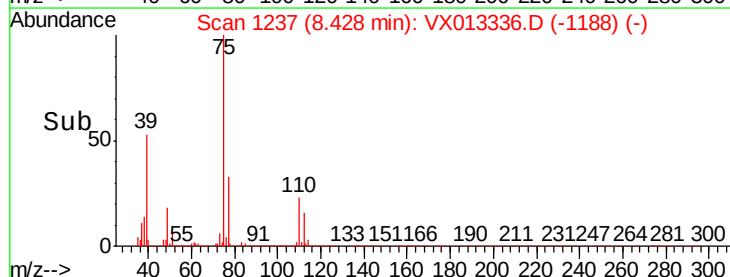
150000

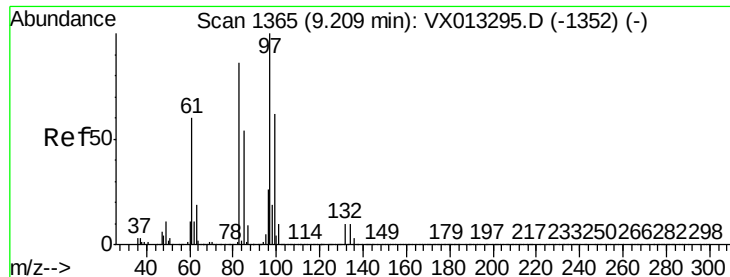
100000

50000

0

Time-->

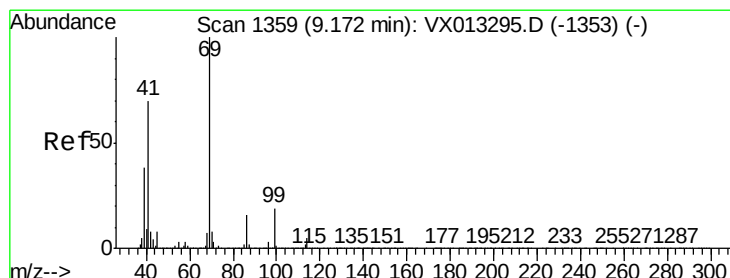
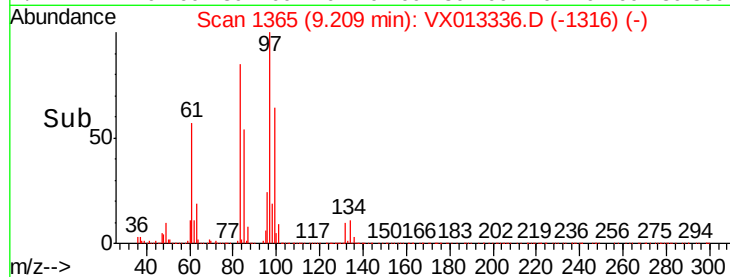
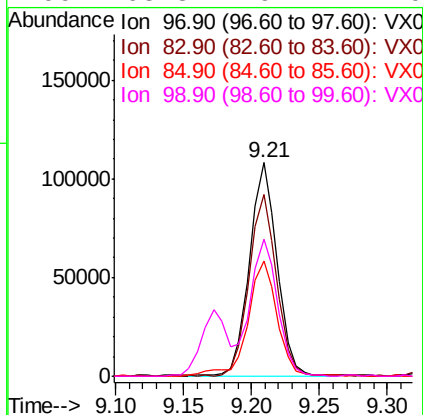
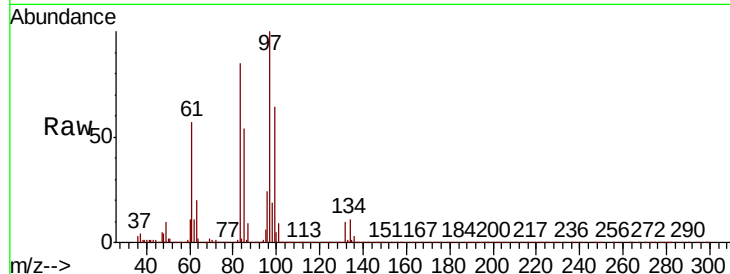




#55
 1,1,2-Trichloroethane
 Concen: 20.261 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

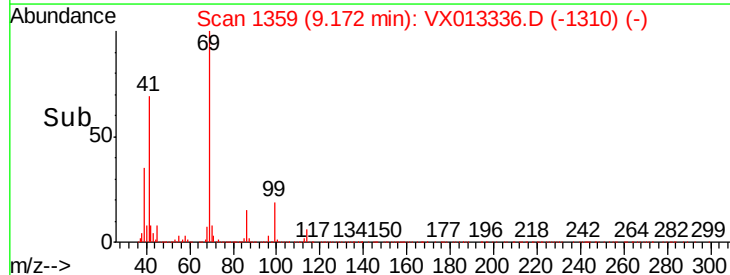
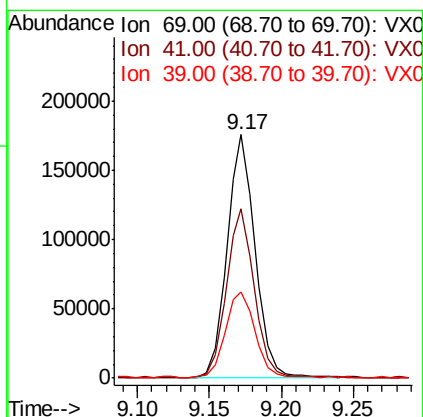
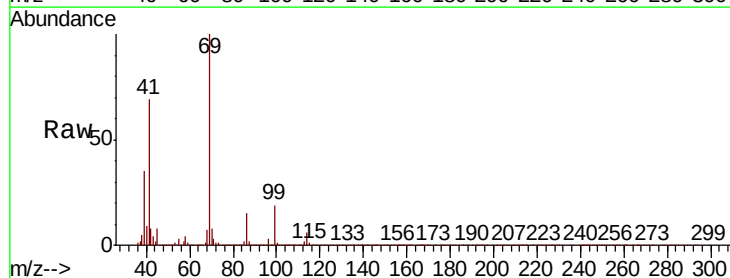
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

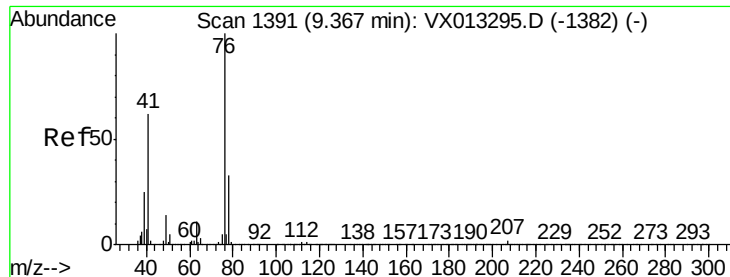
Tot Ion:	97	Resp:	154098
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.6	103.0
85	53.7	43.1	64.7
99	63.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.431 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion:	69	Resp:	239494
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.2	84.2
39	37.2	31.1	46.7

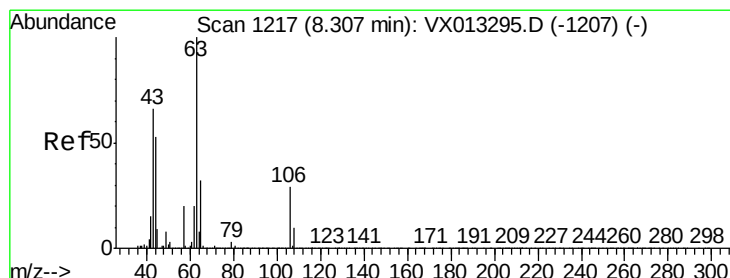
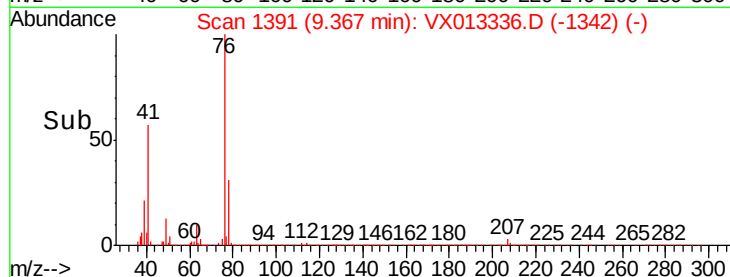
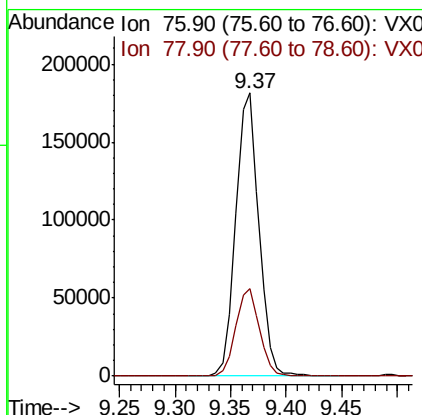
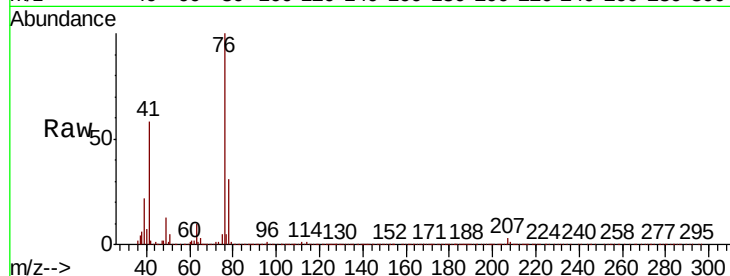




#57
 1,3-Dichloropropane
 Concen: 20.154 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

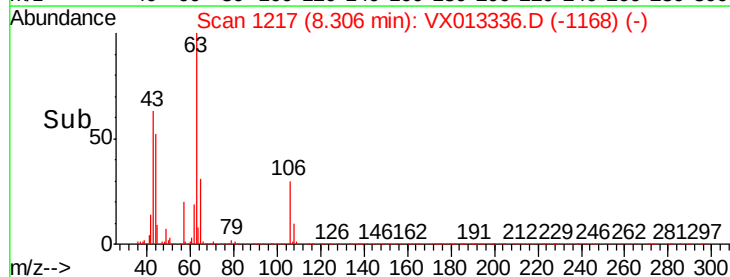
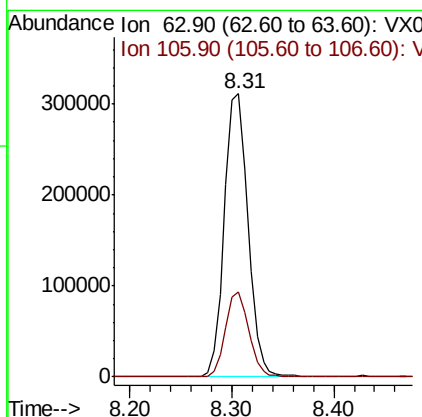
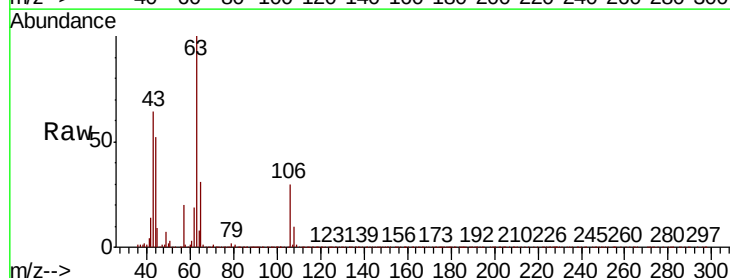
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

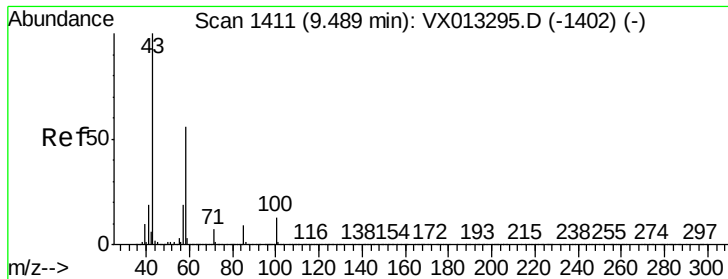
Tot Ion: 76 Resp: 260207
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.420 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion: 63 Resp: 501428
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.4 35.2

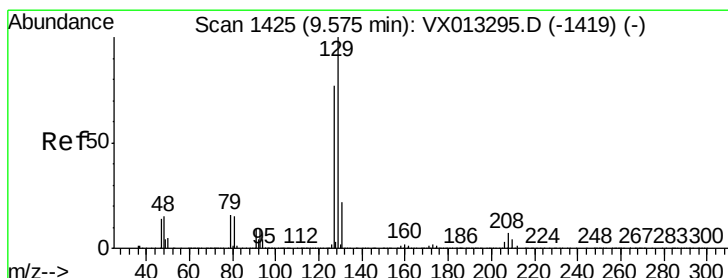
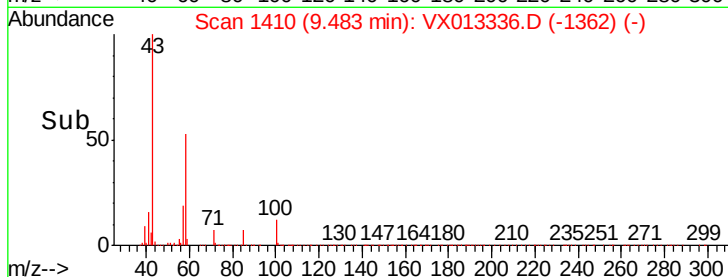
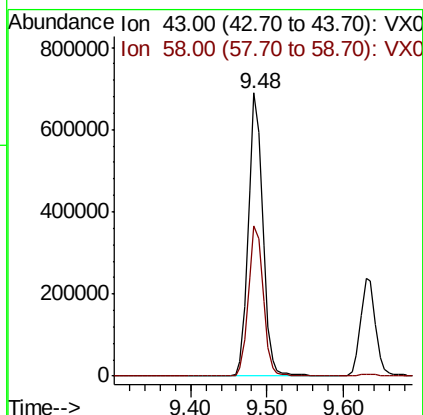
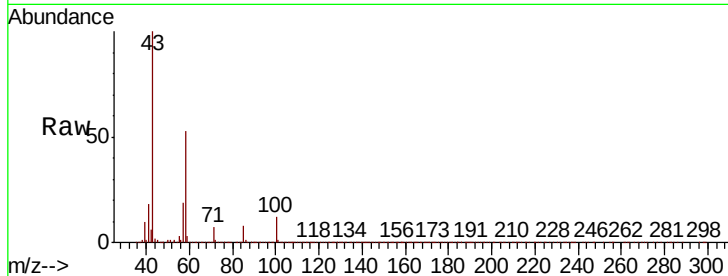




#59
2-Hexanone
Concen: 97.750 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

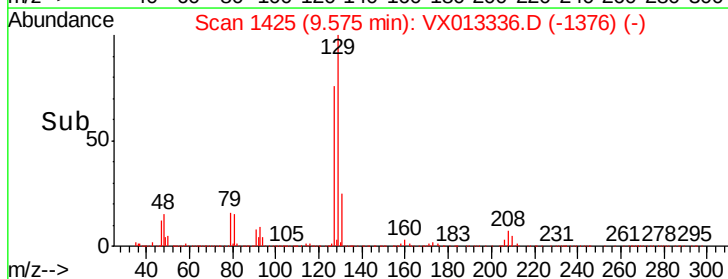
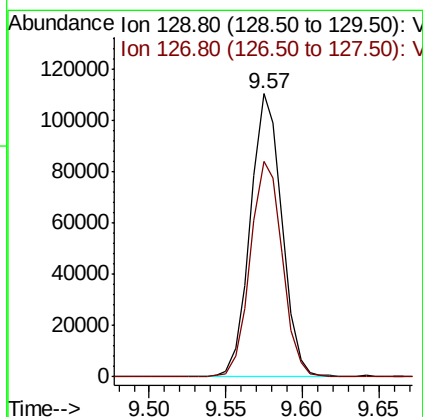
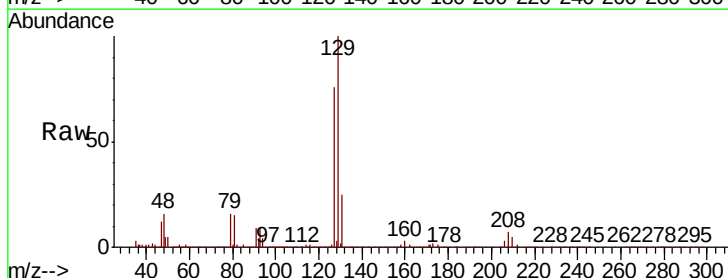
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

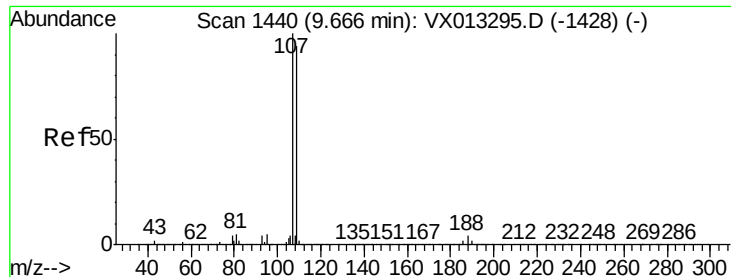
Tot Ion: 43 Resp: 906364
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 20.392 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 129 Resp: 158620
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.845 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

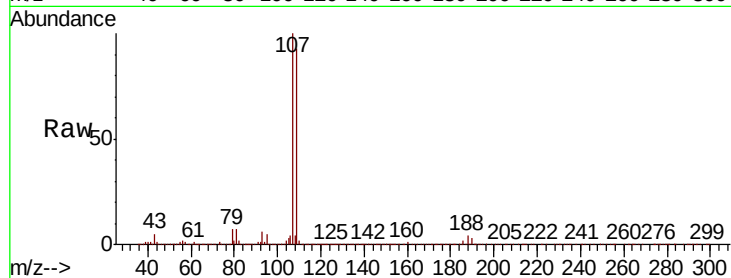
VX1106WBS01

Tot Ion: 107 Resp: 160277

Ion Ratio Lower Upper

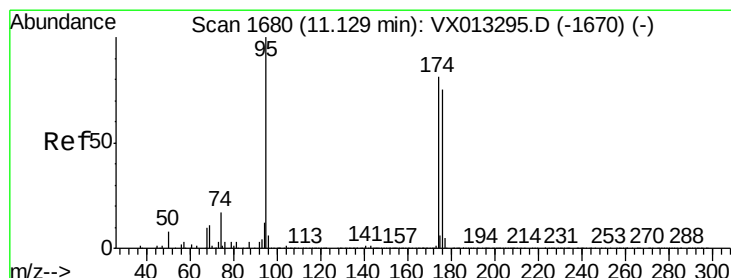
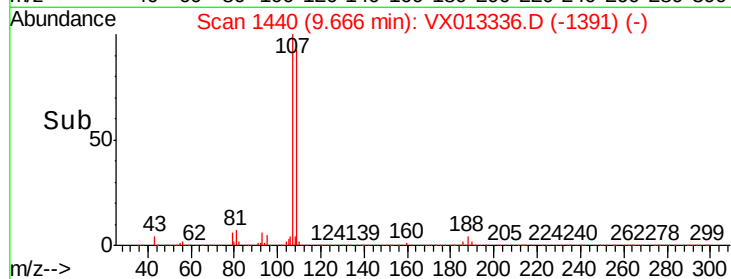
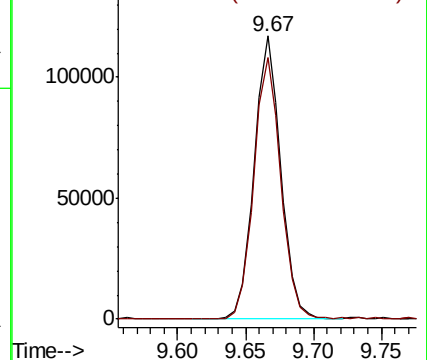
107 100

109 93.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.648 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

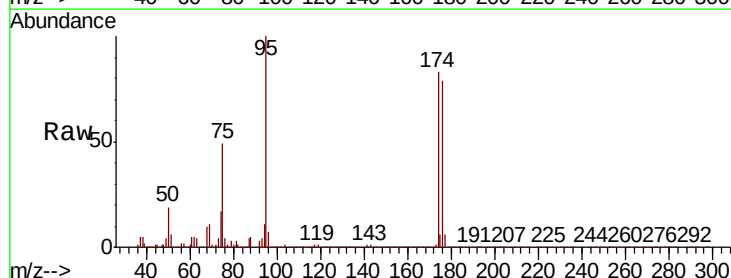
Tgt Ion: 95 Resp: 459949

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.8

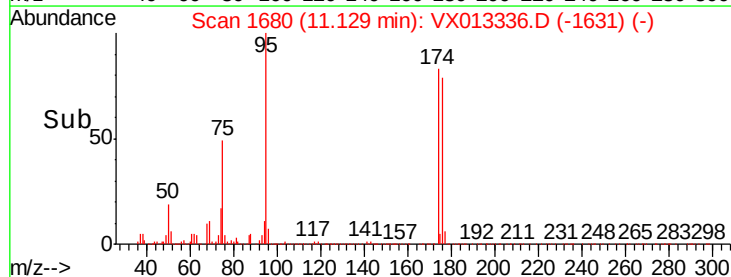
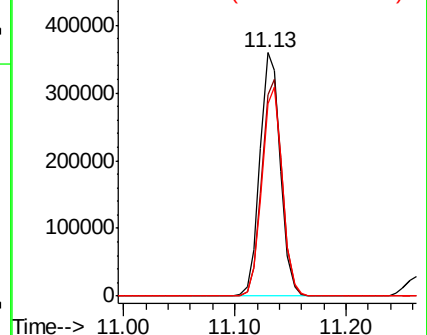
176 86.6 0.0 173.0

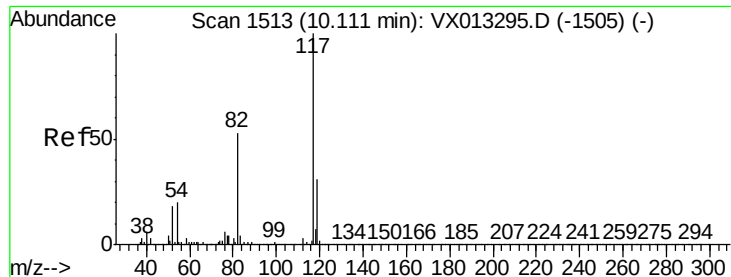


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

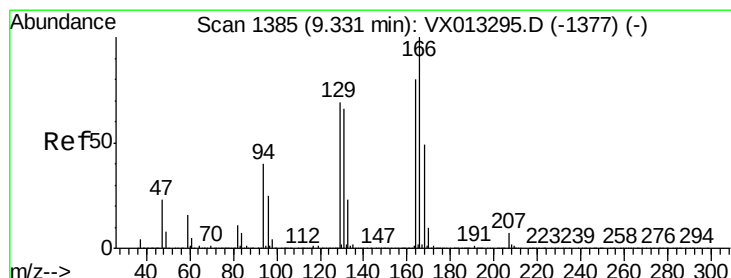
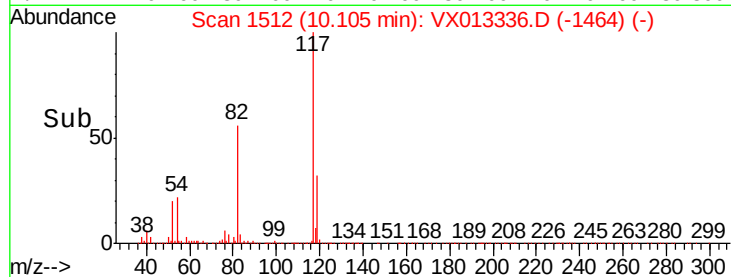
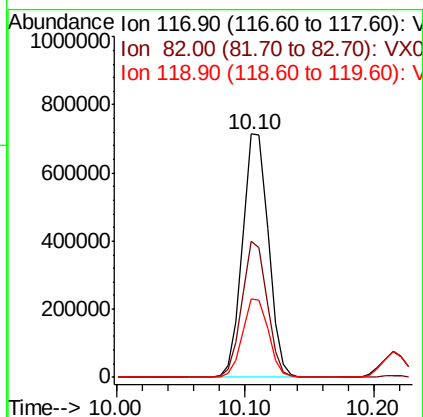
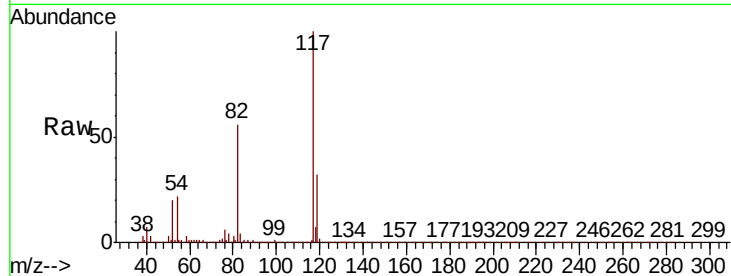




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

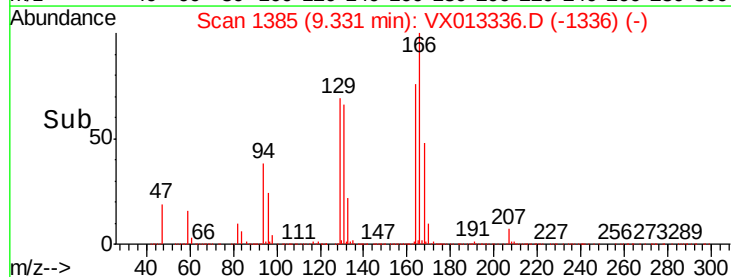
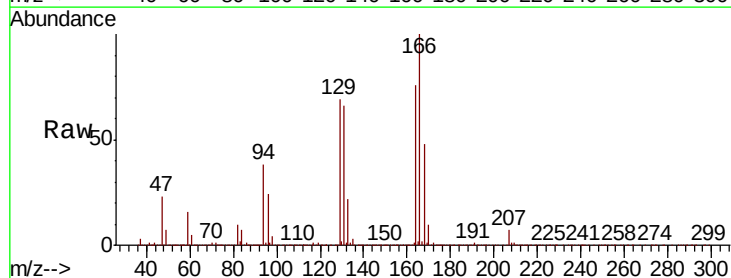
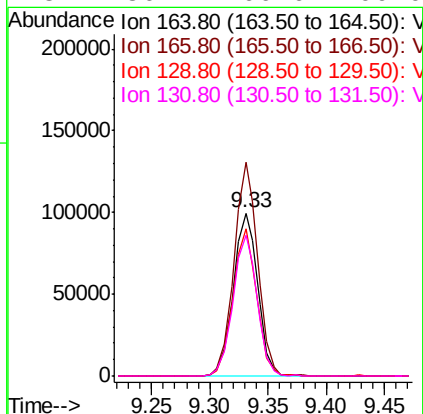
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

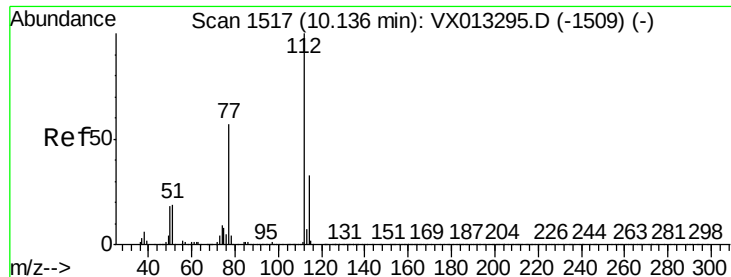
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	42.6	64.0
119	32.0	24.8	37.2



#64
Tetrachloroethene
Concen: 20.368 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	100.4	150.6
129	90.6	69.4	104.2
131	86.2	66.6	100.0





#65

Chlorobenzene

Concen: 20.403 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

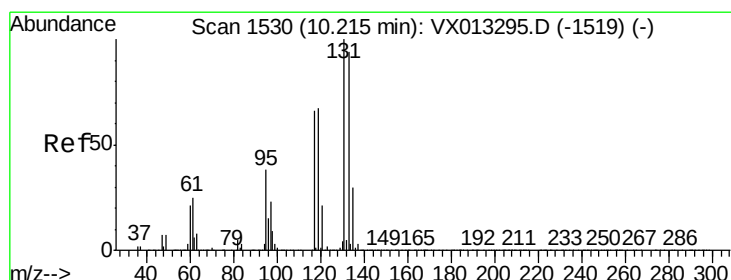
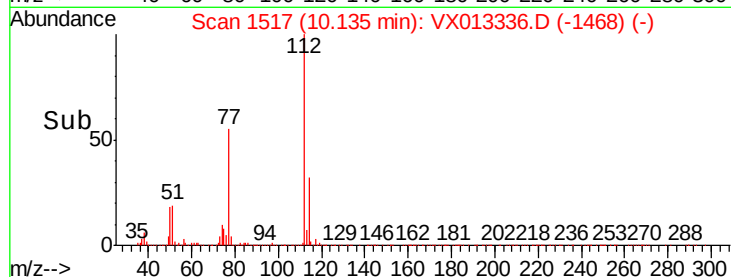
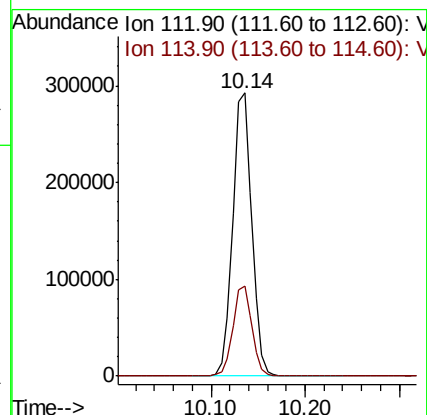
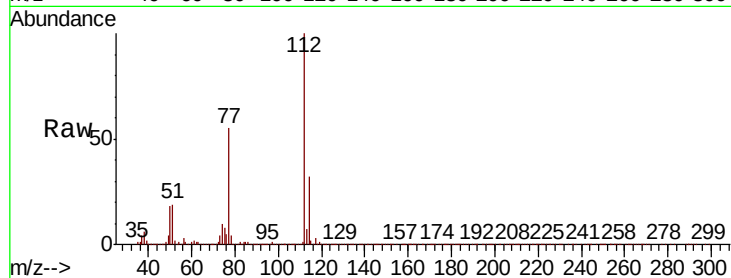
VX1106WBS01

Tot Ion:112 Resp: 410655

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.250 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

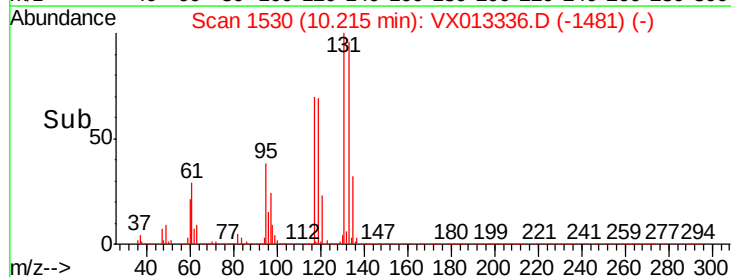
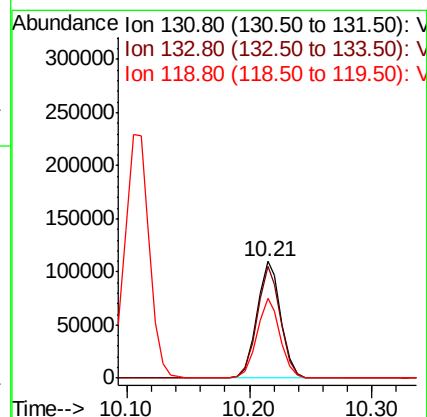
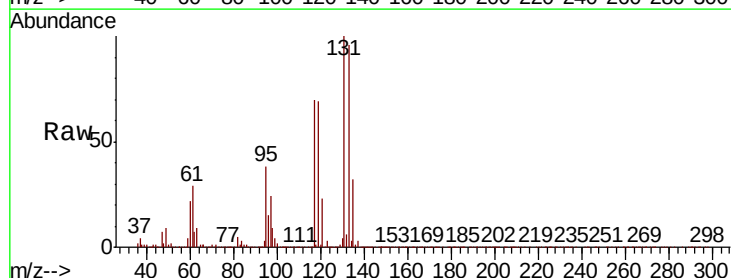
Tgt Ion:131 Resp: 149653

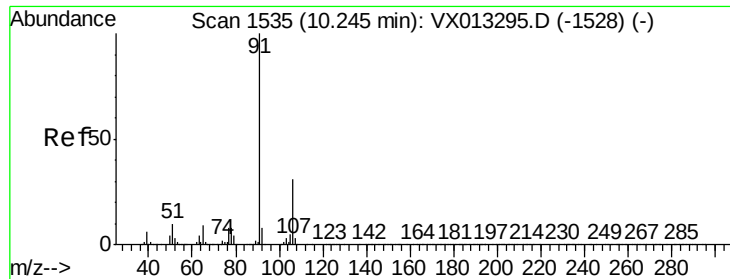
Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.0

119 66.4 33.0 99.0





#67

Ethyl Benzene

Concen: 20.524 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

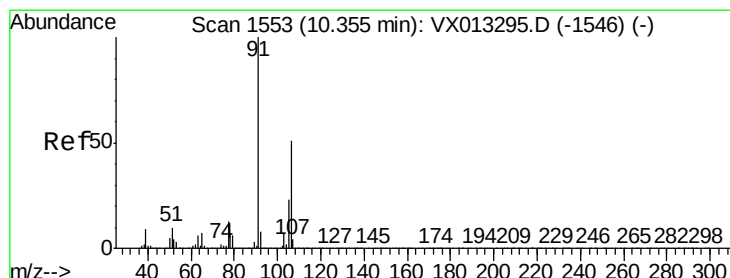
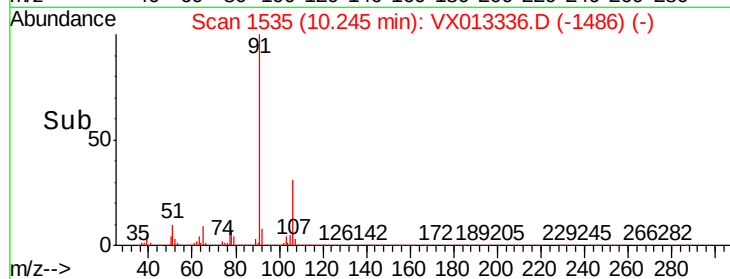
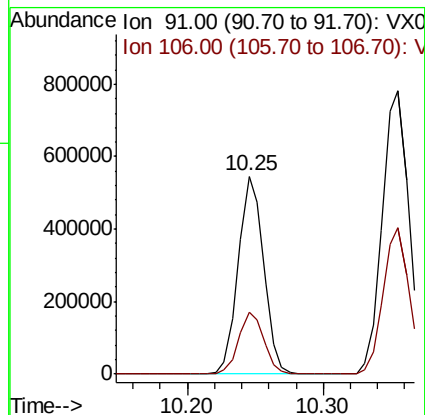
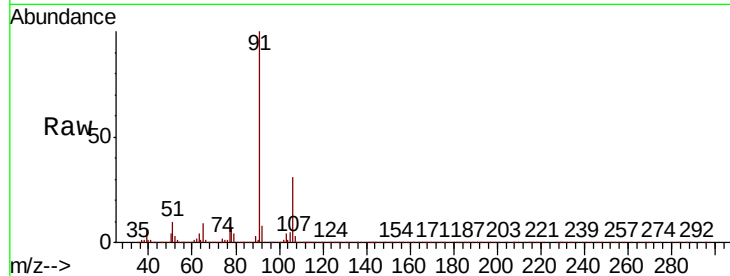
VX1106WBS01

Tot Ion: 91 Resp: 712969

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 41.157 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013336.D

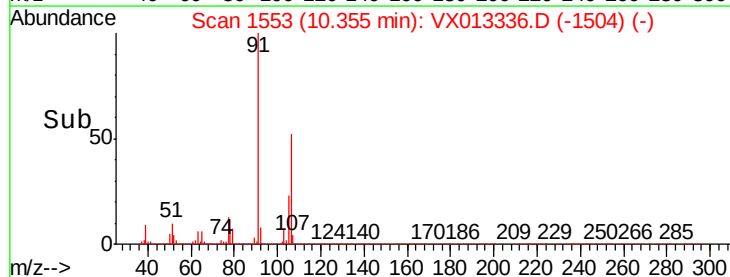
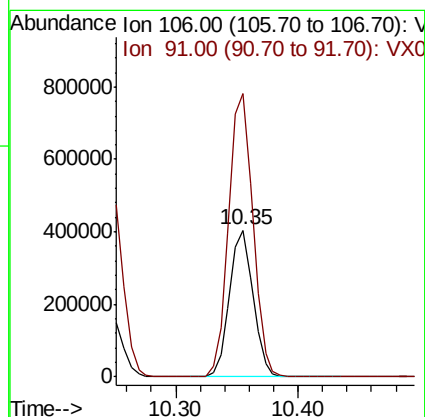
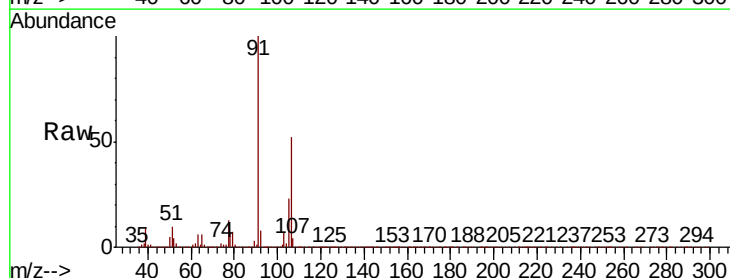
Acq: 06 Nov 2019 11:55

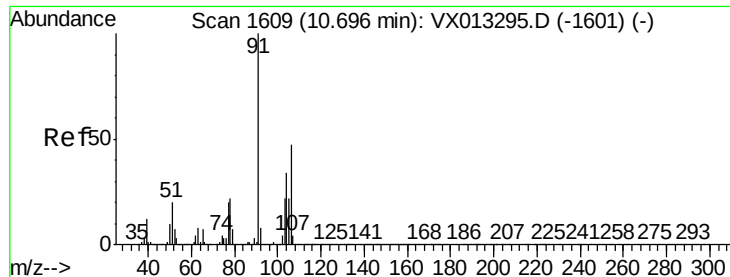
Tgt Ion: 106 Resp: 540708

Ion Ratio Lower Upper

106 100

91 197.9 159.3 238.9

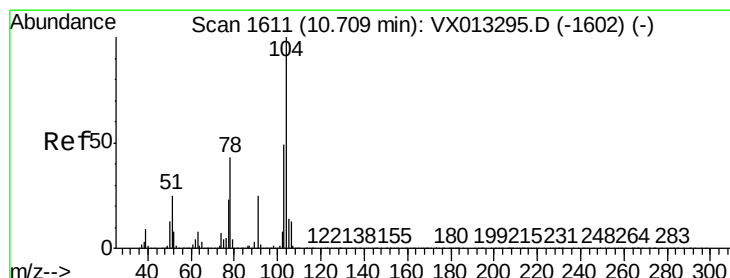
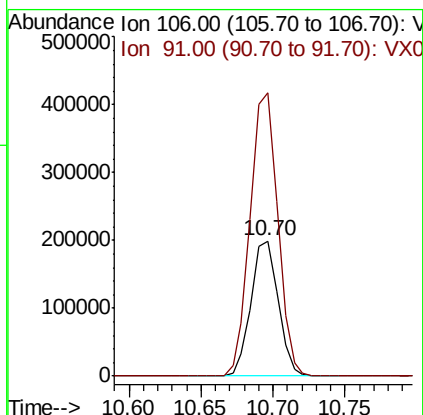
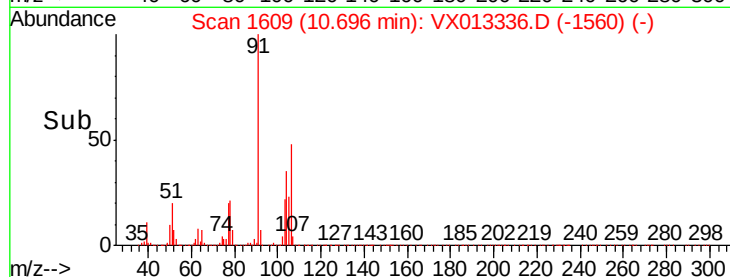
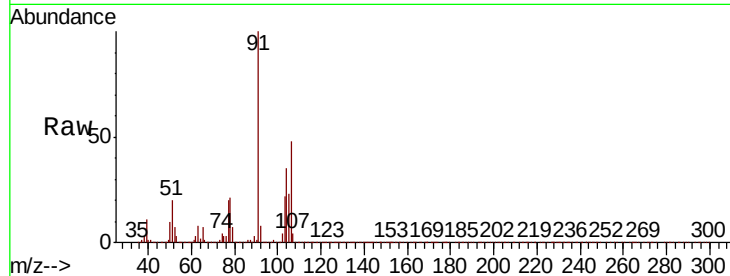




#69
o-Xylene
Concen: 20.212 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

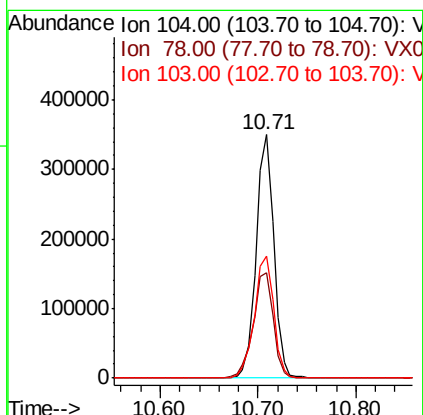
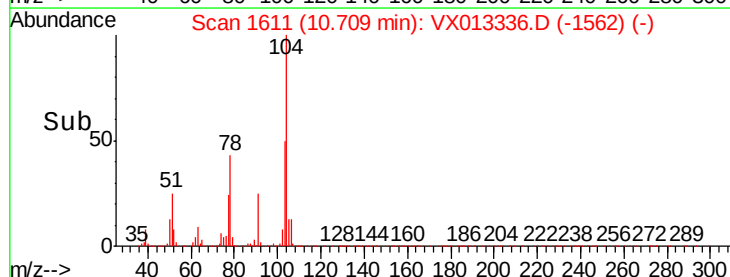
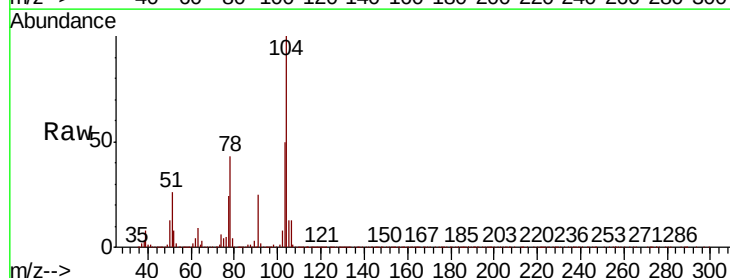
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

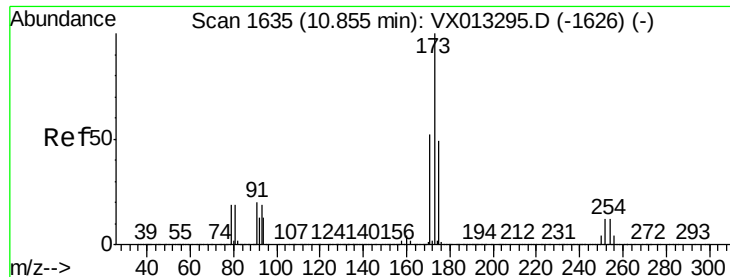
Tot Ion:106 Resp: 259969
Ion Ratio Lower Upper
106 100
91 213.2 105.7 317.0



#70
Styrene
Concen: 20.482 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion:104 Resp: 440367
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 55.1 44.1 66.1

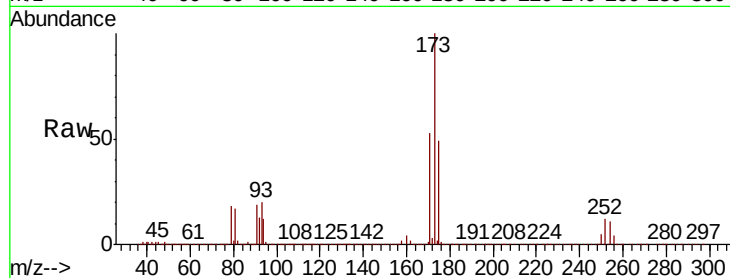




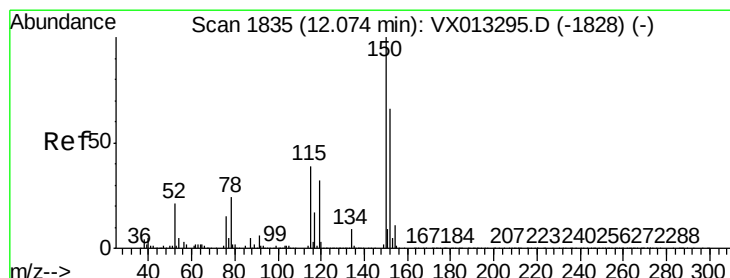
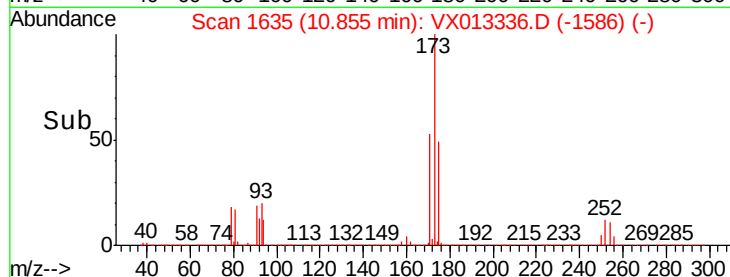
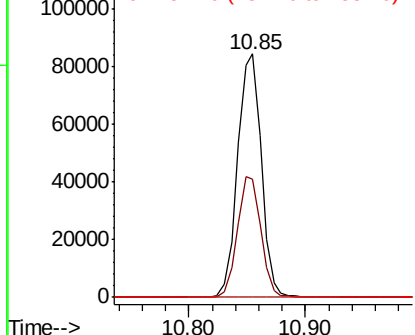
#71
Bromoform
Concen: 19.608 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX1106WBS01

Tot Ion:173 Resp: 120111
Ion Ratio Lower Upper
173 100
175 49.2 24.8 74.4
254 0.1 0.2 0.2#

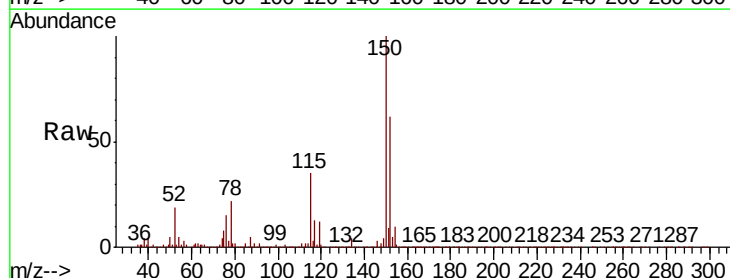


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

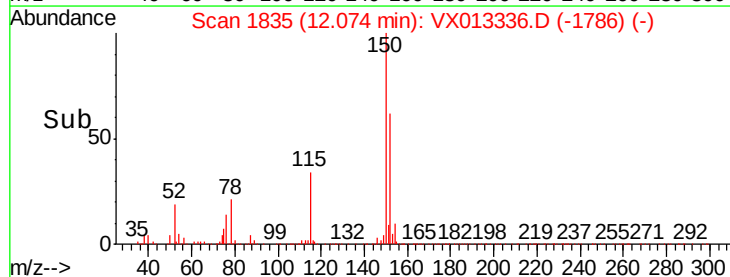
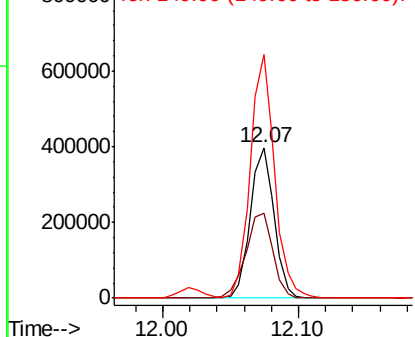


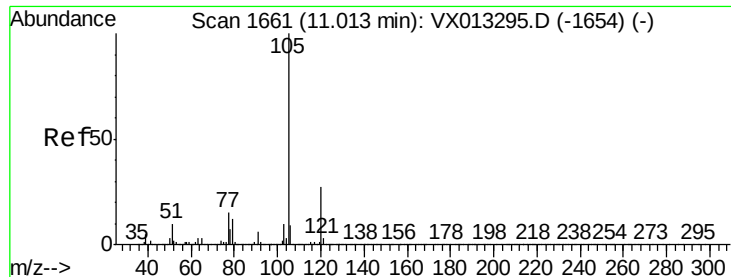
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion:152 Resp: 487766
Ion Ratio Lower Upper
152 100
115 64.7 39.5 118.3
150 164.8 0.0 344.4



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





#73

Isopropylbenzene

Concen: 21.397 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

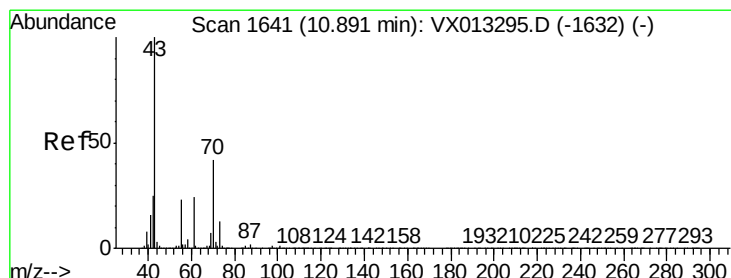
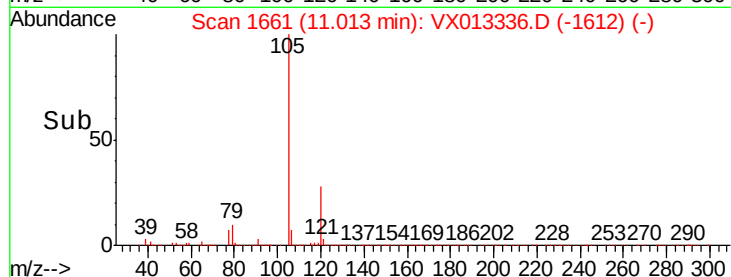
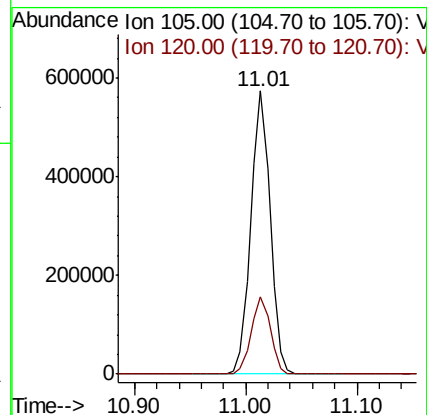
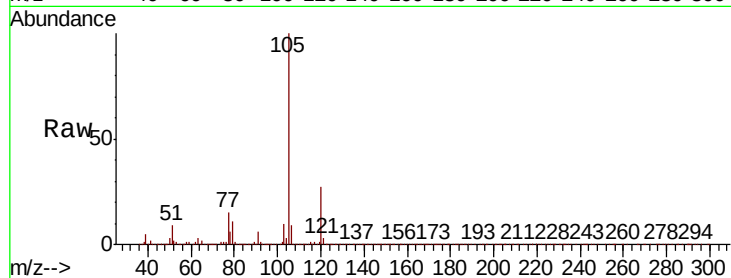
VX1106WBS01

Tot Ion:105 Resp: 691970

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 20.937 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion: 43 Resp: 313985

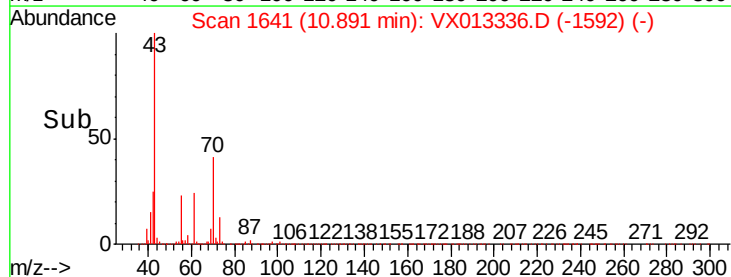
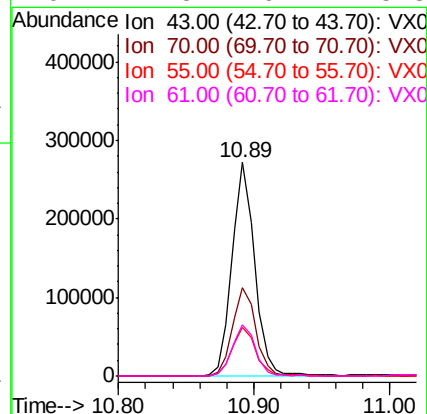
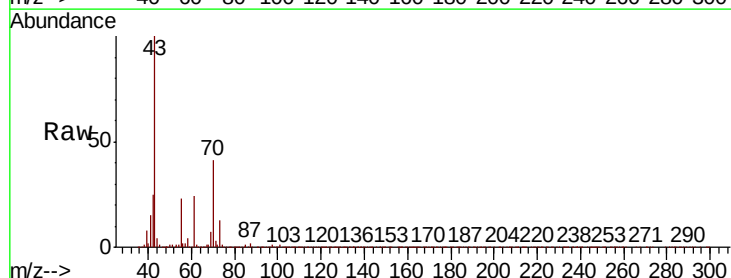
Ion Ratio Lower Upper

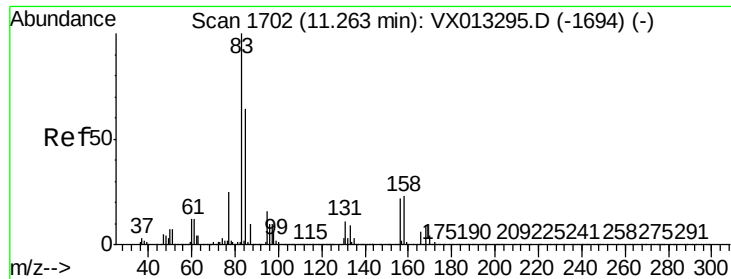
43 100

70 43.2 34.1 51.1

55 23.7 18.9 28.3

61 24.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.611 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

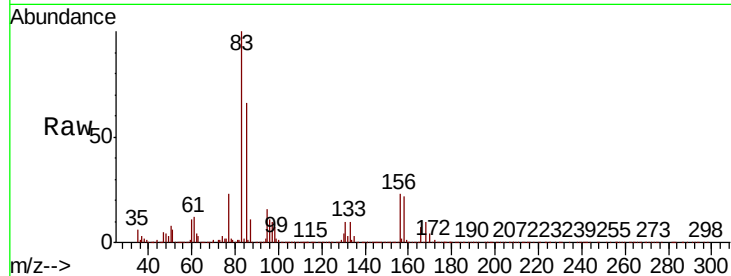
Tot Ion: 83 Resp: 243167

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

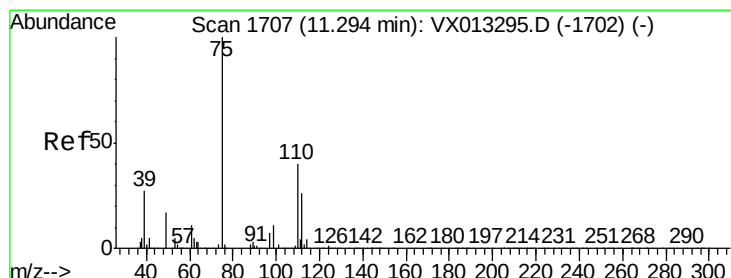
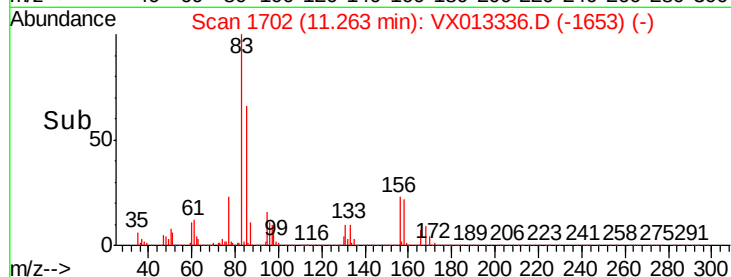
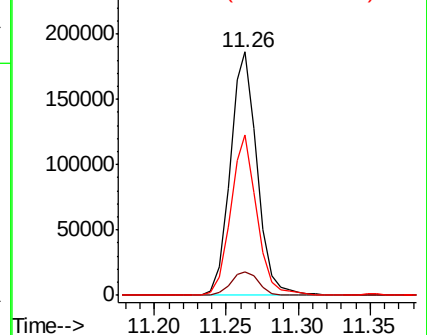
85 64.6 32.3 96.8



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: 27.382 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013336.D

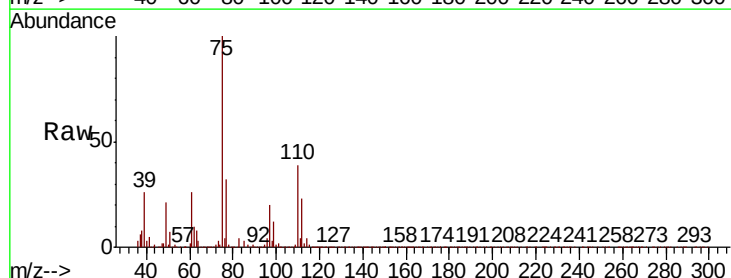
Acq: 06 Nov 2019 11:55

Tgt Ion: 75 Resp: 271275

Ion Ratio Lower Upper

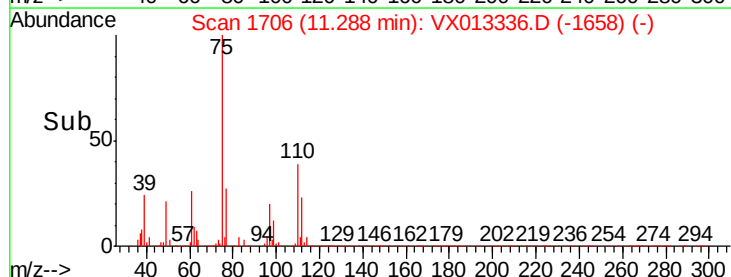
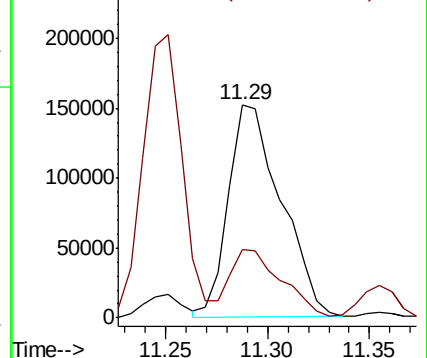
75 100

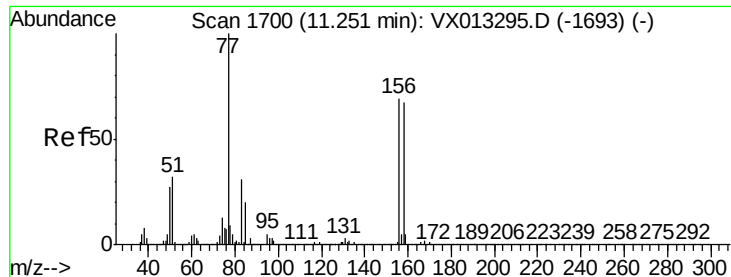
77 32.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.021 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX1106WBS01

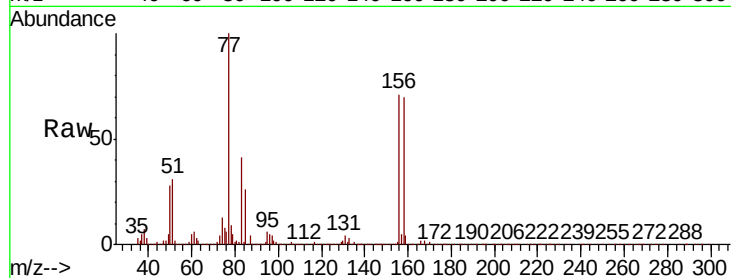
Tot Ion:156 Resp: 181233

Ion Ratio Lower Upper

156 100

77 147.9 75.8 227.4

158 97.7 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

250000

200000

150000

100000

50000

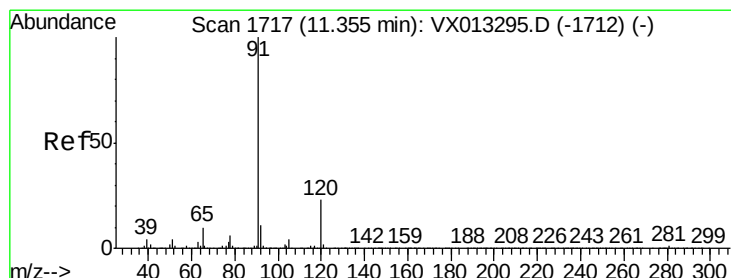
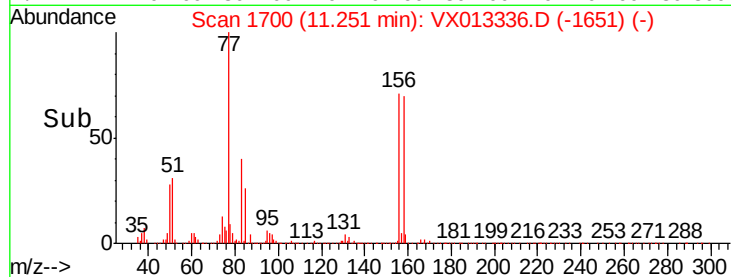
0

11.20

11.25

11.30

Time-->



#78

n-propylbenzene

Concen: 21.546 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013336.D

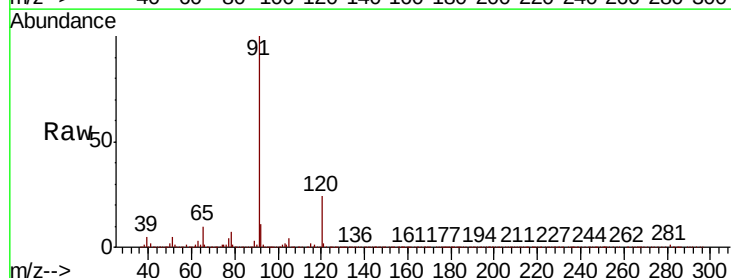
Acq: 06 Nov 2019 11:55

Tgt Ion: 91 Resp: 776198

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

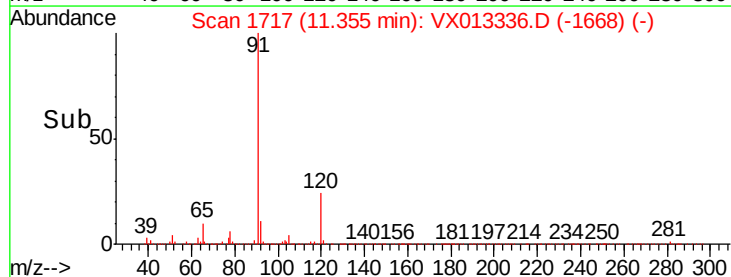
0

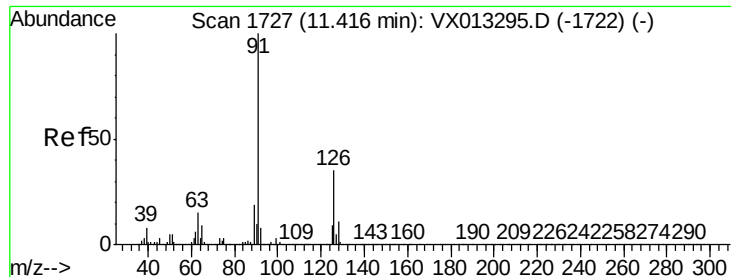
11.30

11.35

11.40

Time-->





#79

2-Chlorotoluene

Concen: 21.292 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

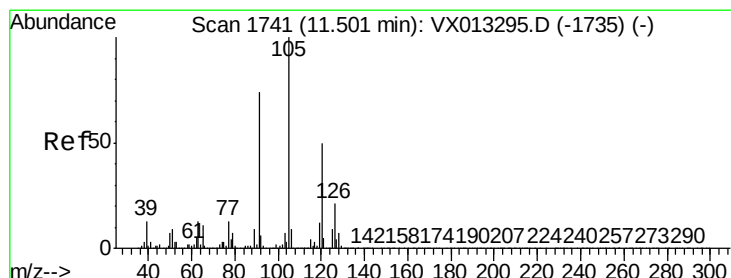
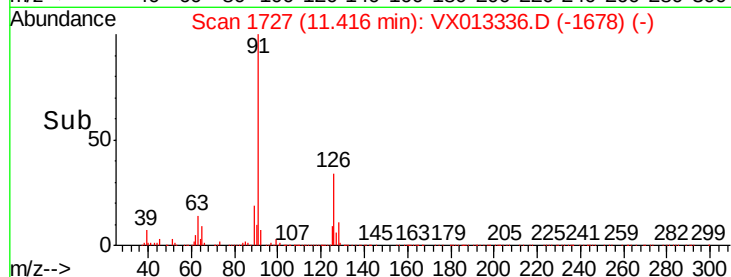
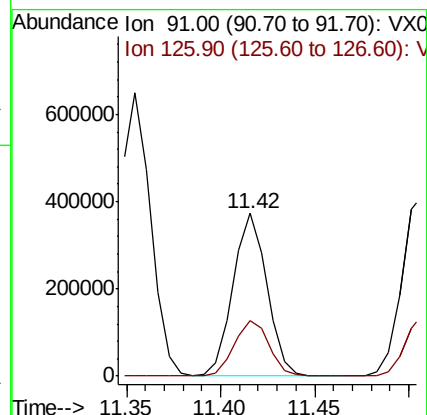
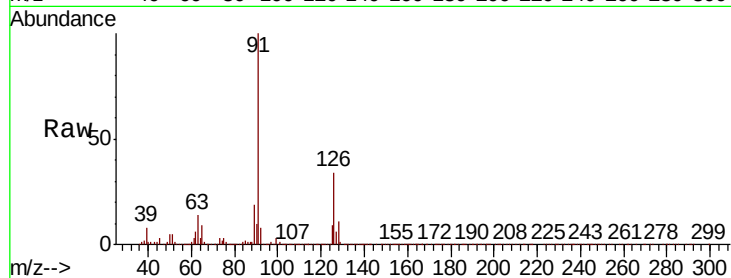
VX1106WBS01

Tot Ion: 91 Resp: 462131

Ion Ratio Lower Upper

91 100

126 35.3 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 21.781 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013336.D

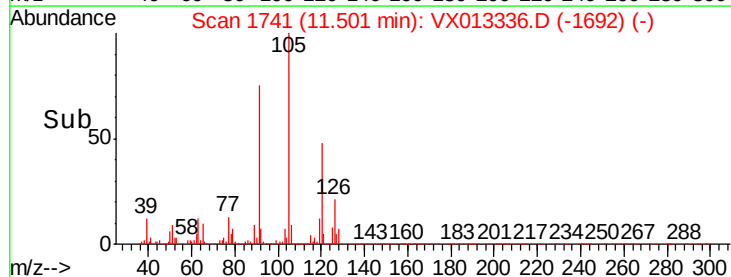
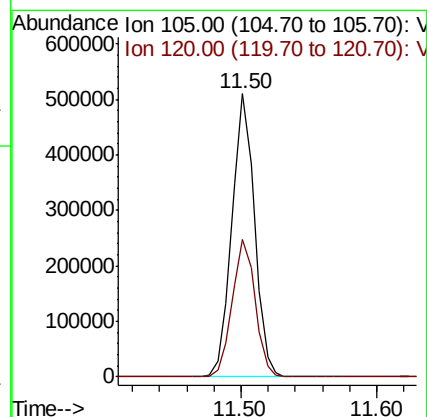
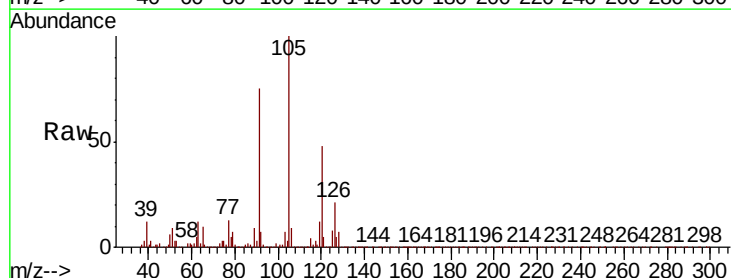
Acq: 06 Nov 2019 11:55

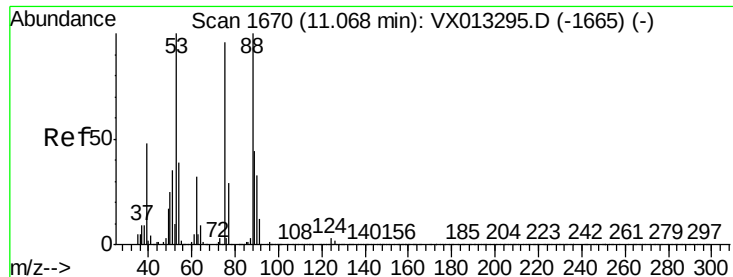
Tgt Ion: 105 Resp: 586706

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8

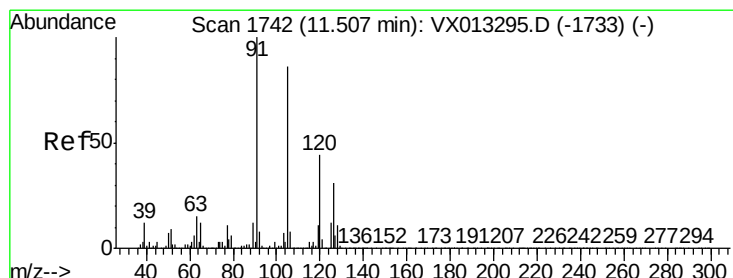
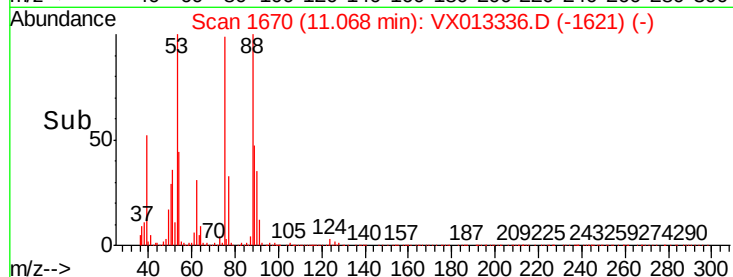
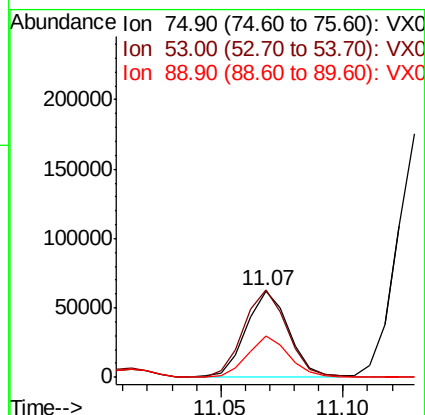
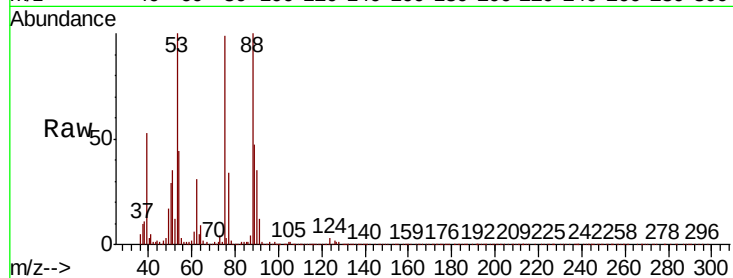




#81
trans-1,4-Dichloro-2-butene
Concen: 19.581 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

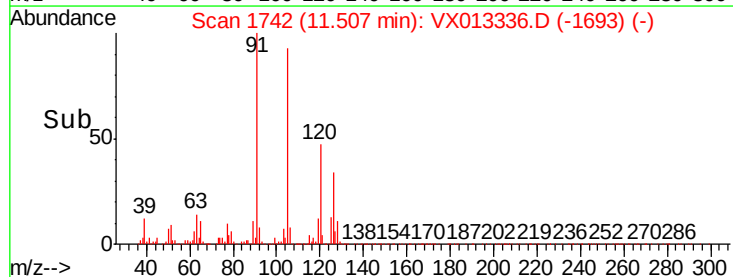
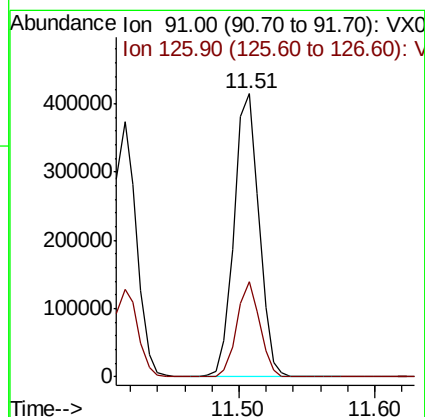
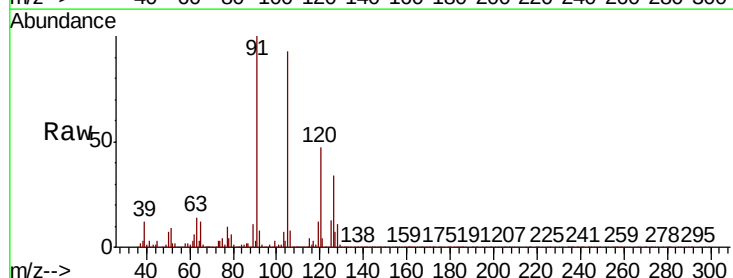
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

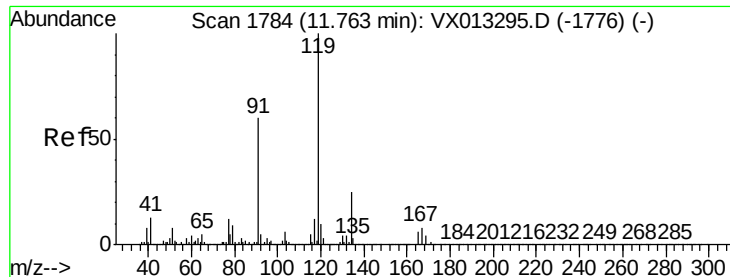
Tot Ion: 75 Resp: 75365
Ion Ratio Lower Upper
75 100
53 102.6 81.0 121.6
89 47.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.808 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 91 Resp: 528685
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.8

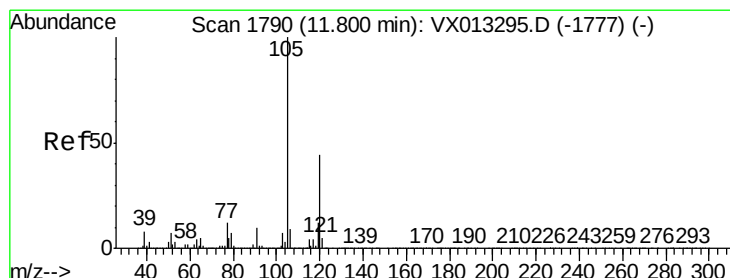
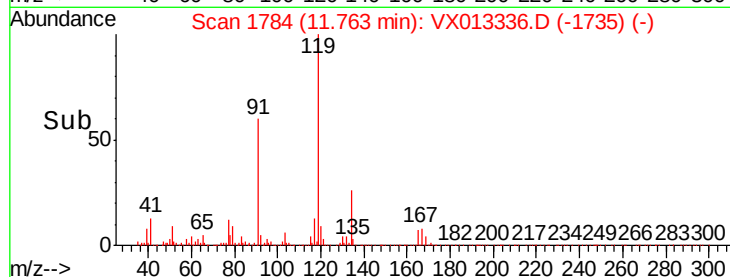
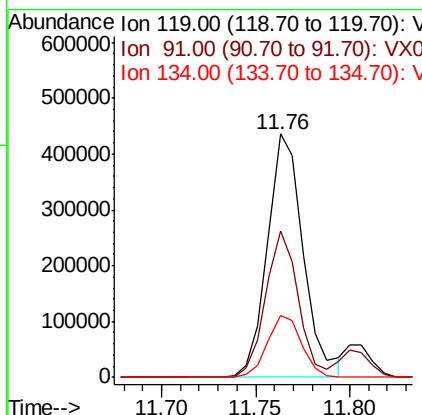
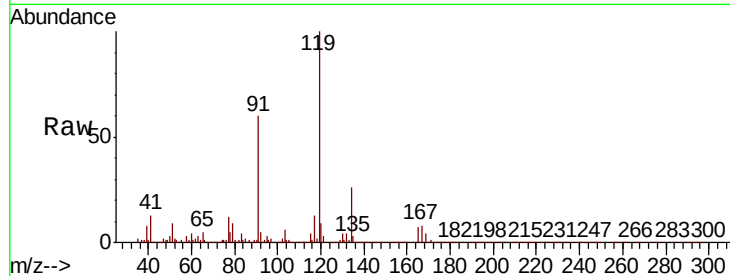




#83
 tert-Butylbenzene
 Concen: 21.259 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

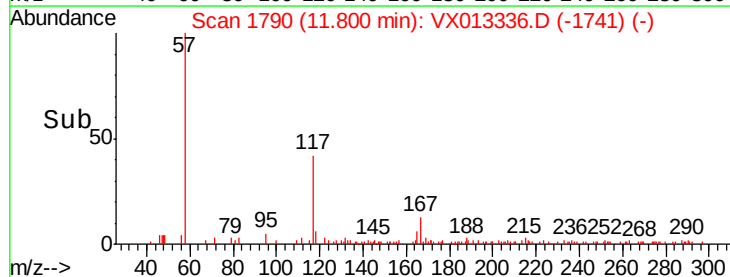
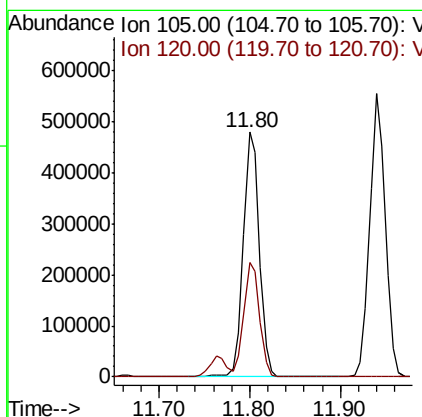
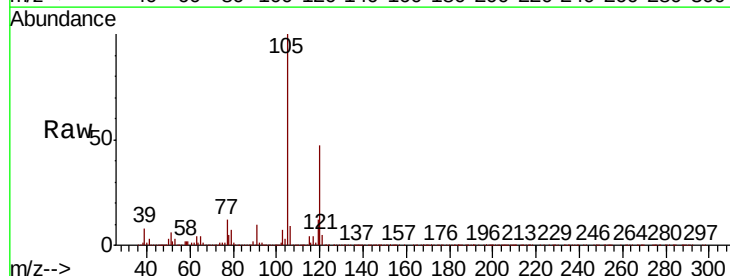
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

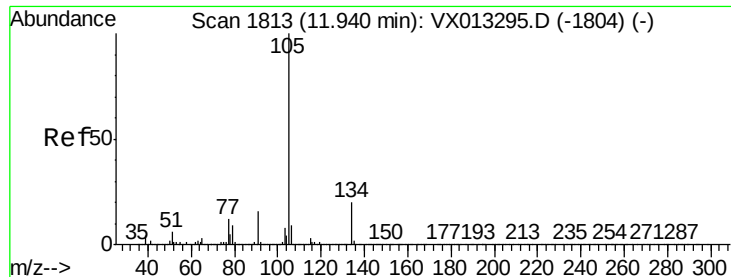
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.8	26.9	80.7
134	24.4	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.677 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.245 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

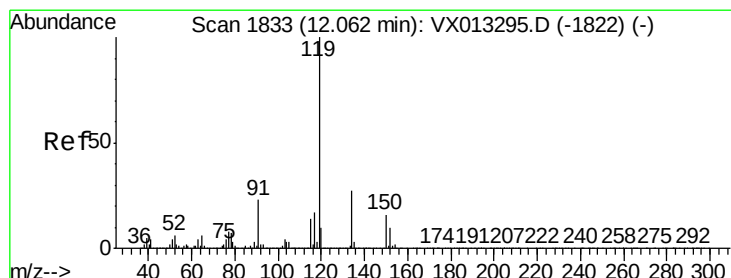
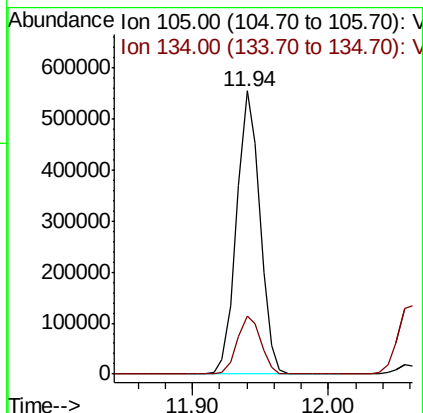
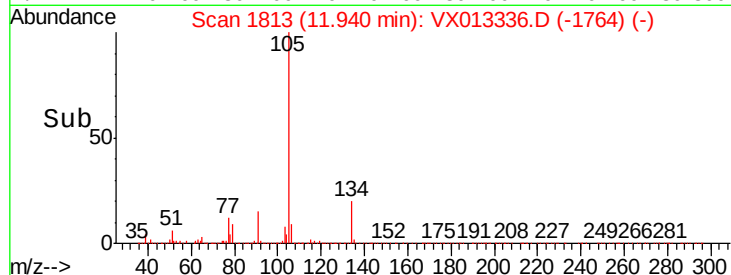
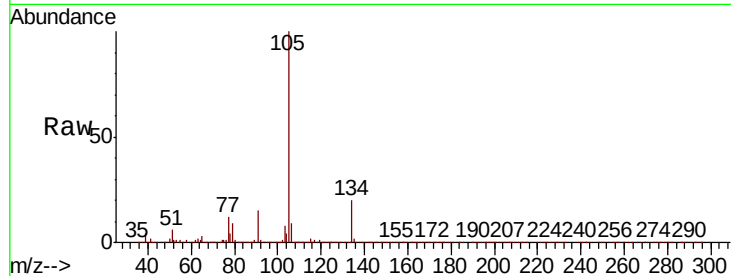
VX1106WBS01

Tot Ion:105 Resp: 662090

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 21.214 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

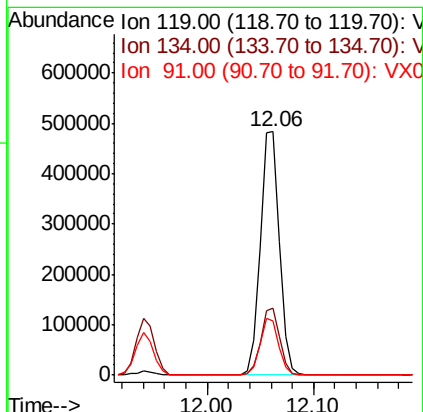
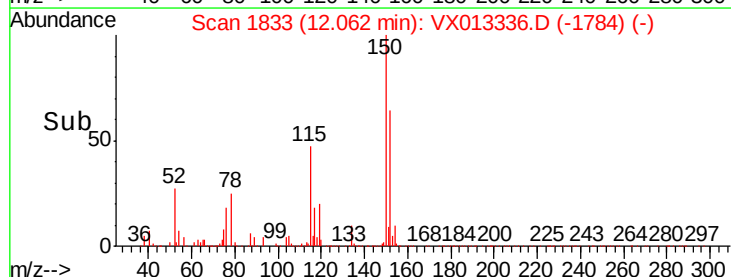
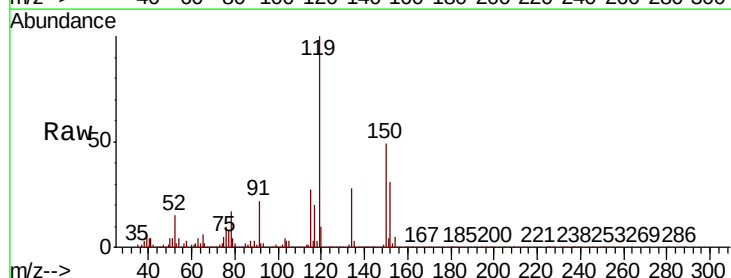
Tgt Ion:119 Resp: 608765

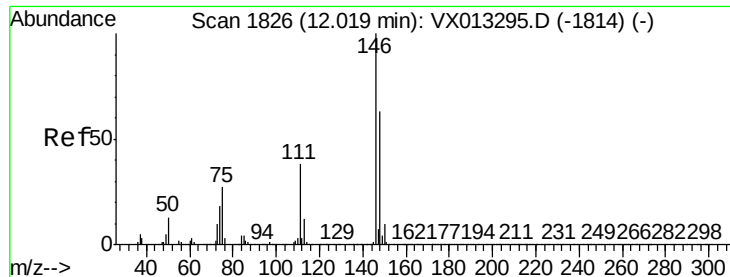
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 22.6 11.5 34.4

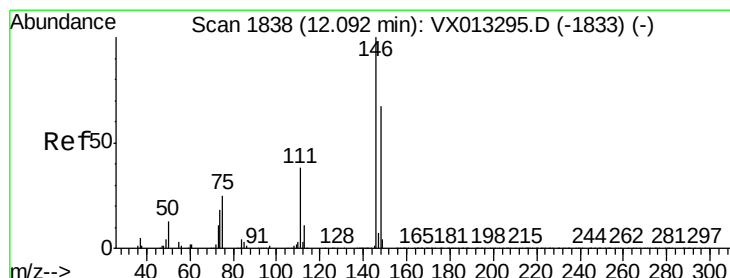
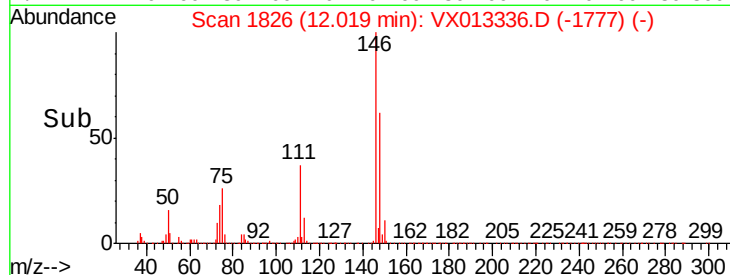
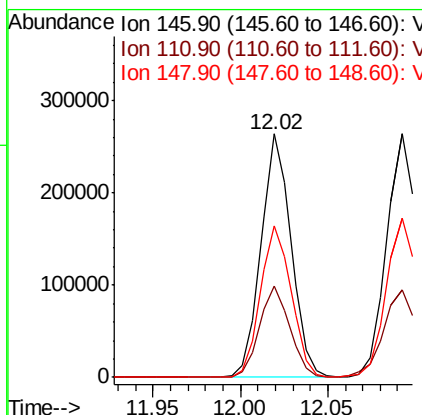
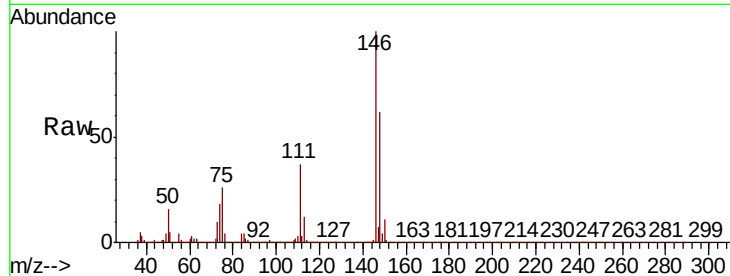




#87
 1,3-Dichlorobenzene
 Concen: 20.493 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

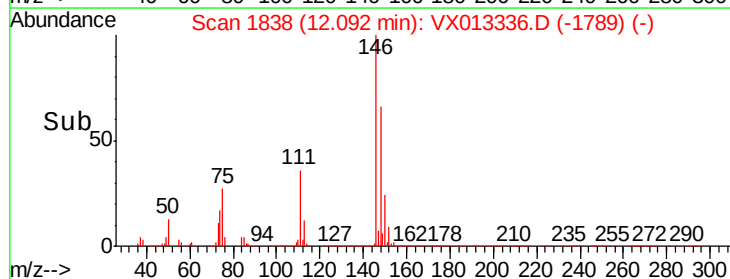
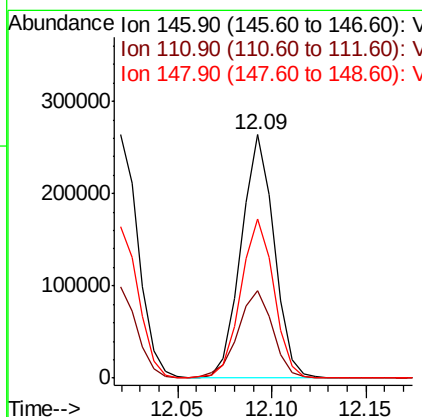
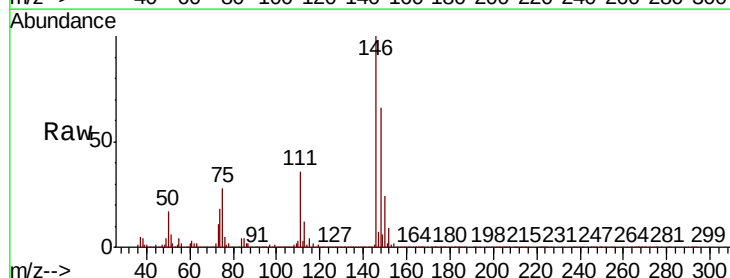
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

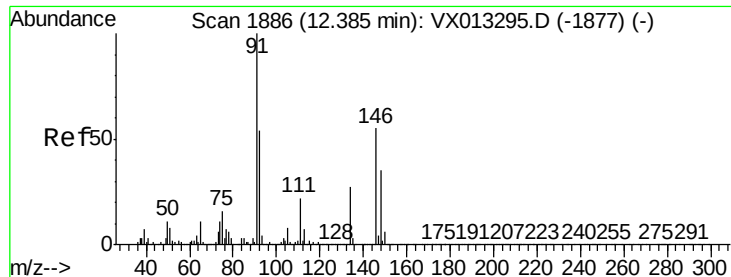
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	65.9	32.4	97.0

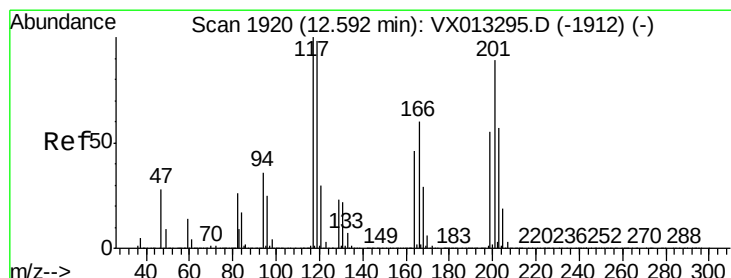
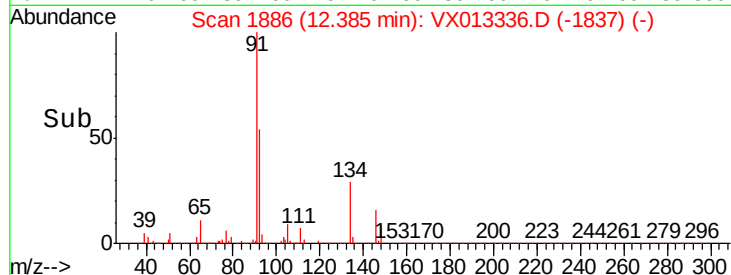
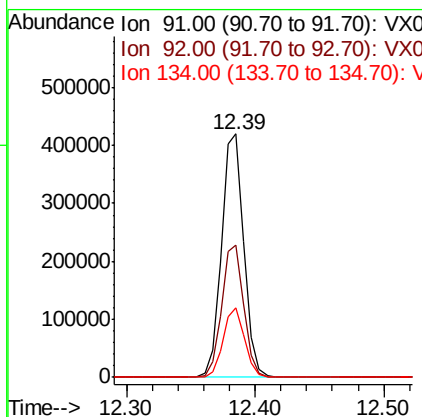
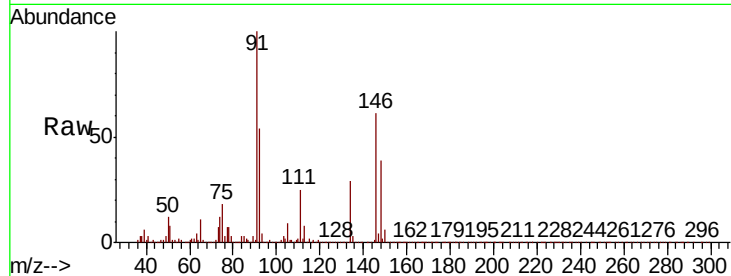




#89
n-Butylbenzene
Concen: 20.398 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

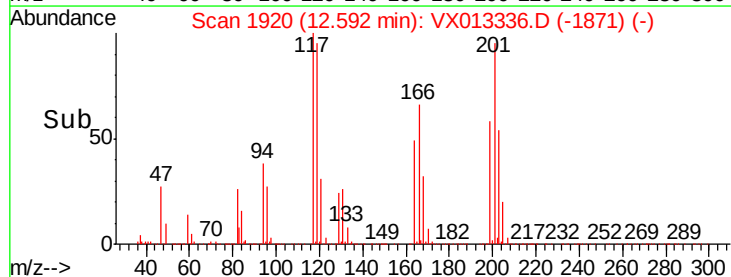
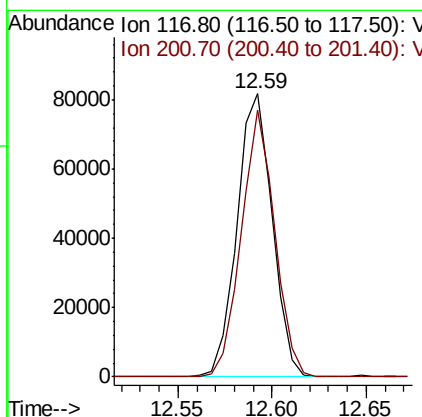
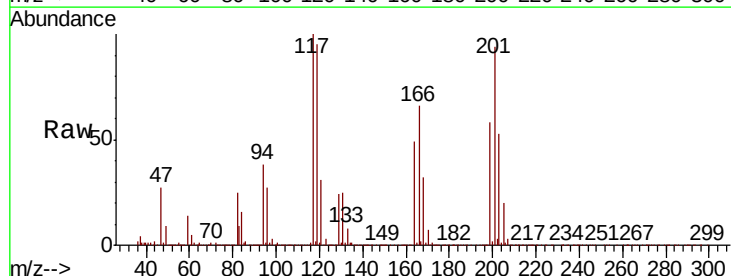
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

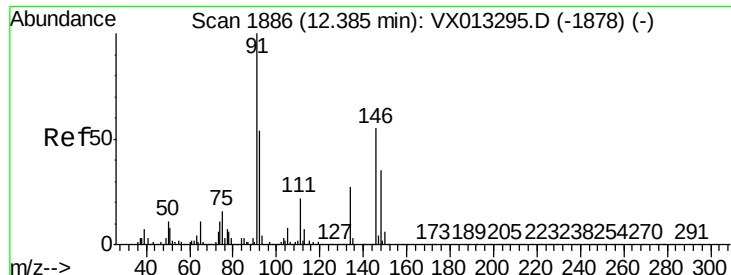
Tot Ion: 91 Resp: 510765
Ion Ratio Lower Upper
91 100
92 54.1 27.3 81.8
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 20.553 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 117 Resp: 105089
Ion Ratio Lower Upper
117 100
201 90.0 43.9 131.7

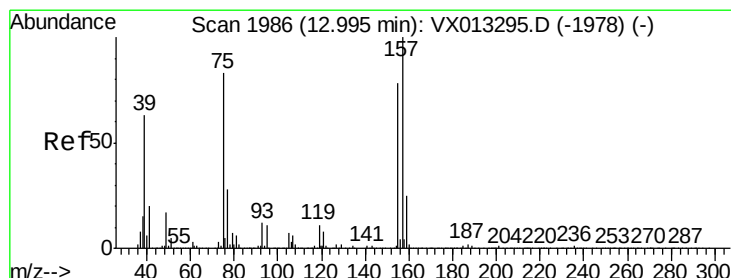
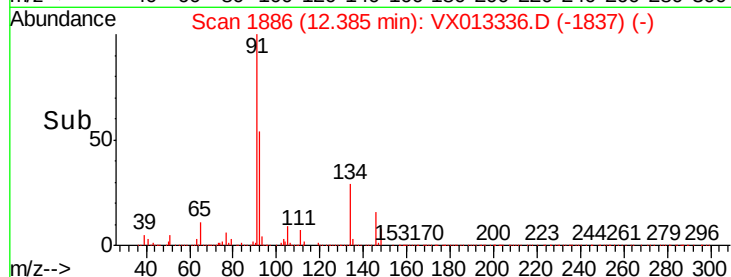
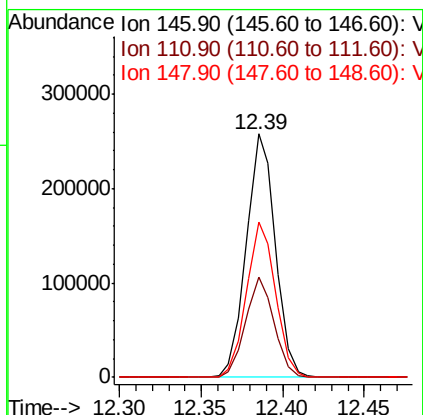
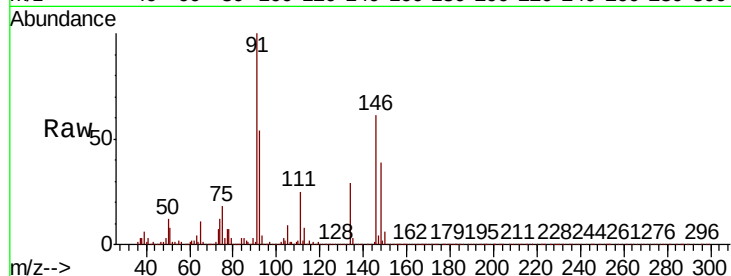




#91
 1,2-Dichlorobenzene
 Concen: 20.879 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

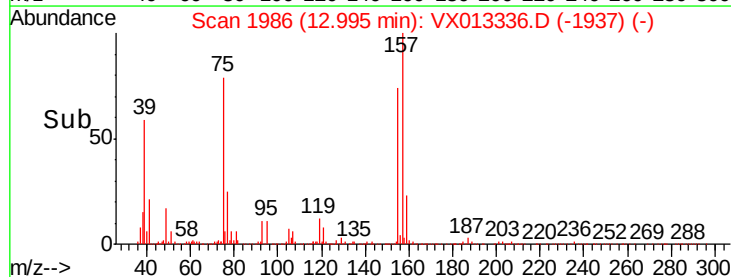
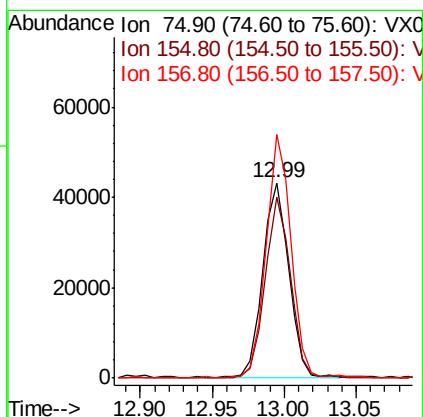
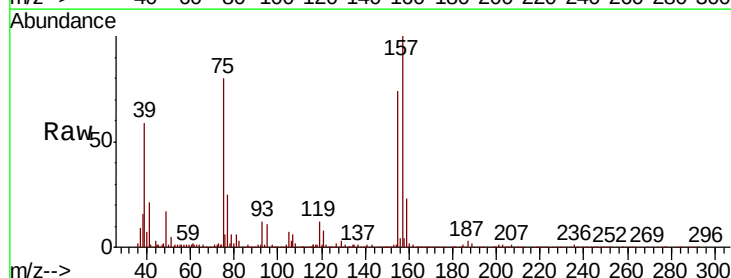
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

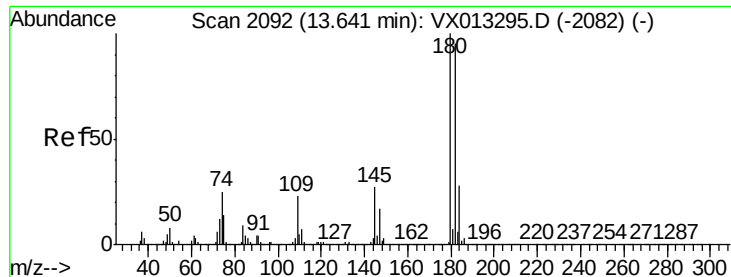
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	63.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.738 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	47.1	141.4
157	118.5	61.3	183.8

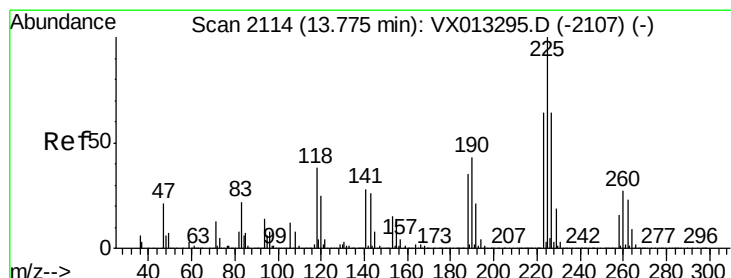
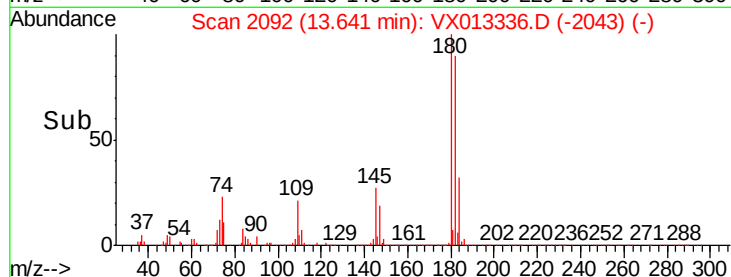
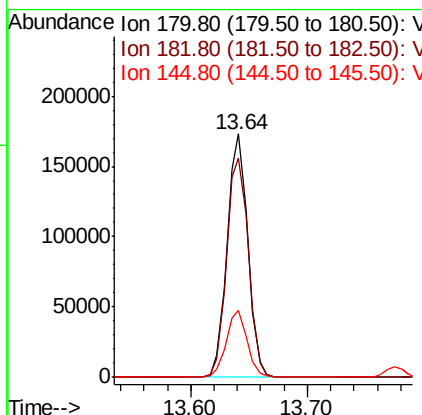
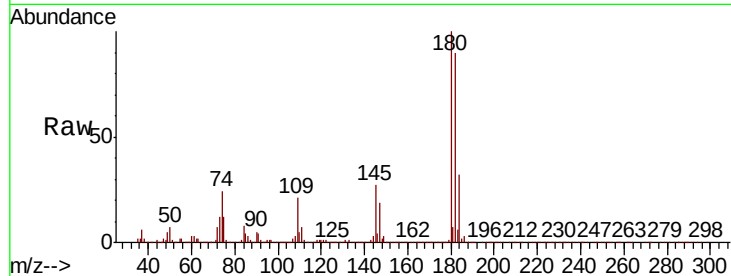




#93
1,2,4-Trichlorobenzene
Concen: 19.947 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

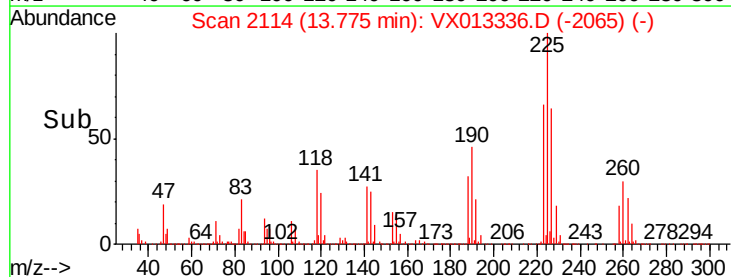
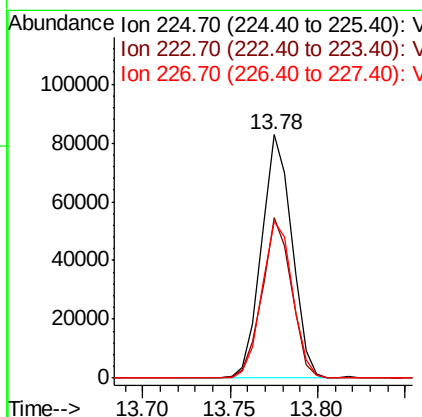
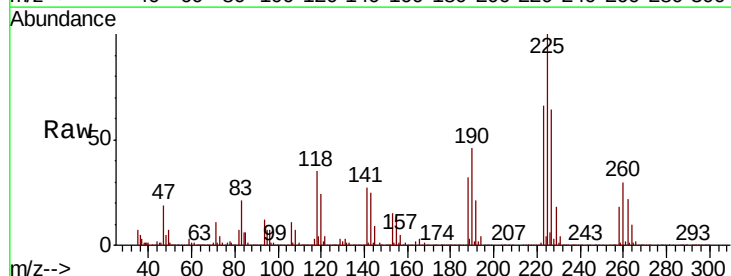
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

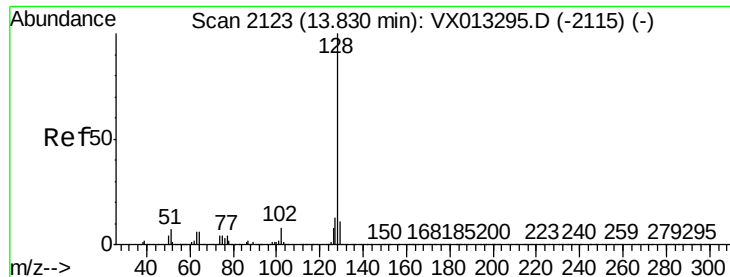
Tot Ion:180 Resp: 213742
Ion Ratio Lower Upper
180 100
182 94.7 48.4 145.0
145 27.3 14.1 42.4



#94
Hexachlorobutadiene
Concen: 19.171 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion:225 Resp: 100499
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 64.9 31.9 95.9





#95

Naphthalene

Concen: 20.619 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

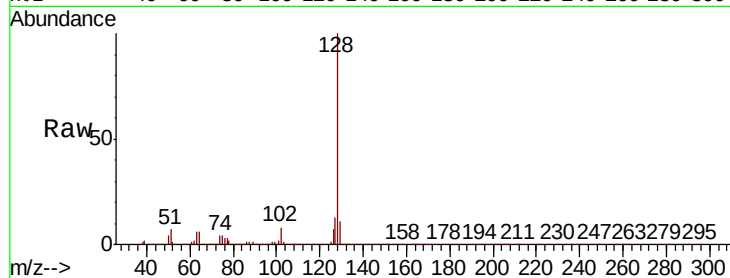
Tot Ion:128 Resp: 693179

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

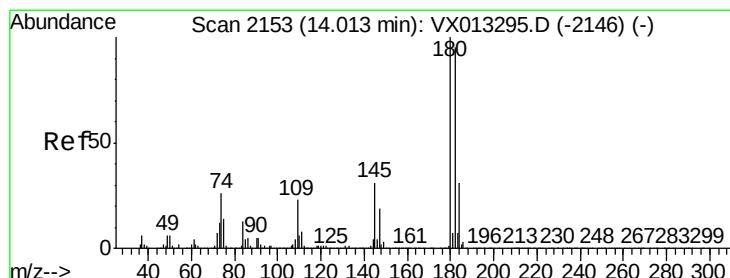
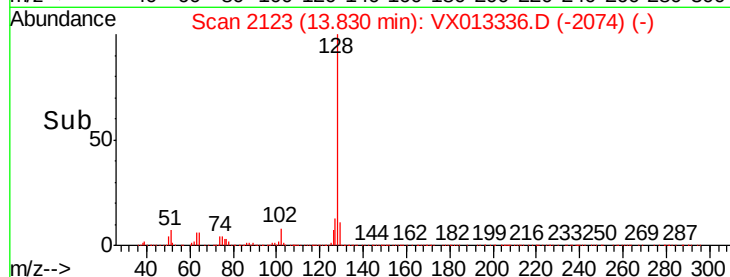
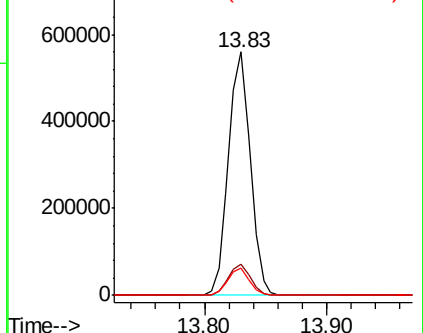
129 10.8 8.5 12.7



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: 20.176 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

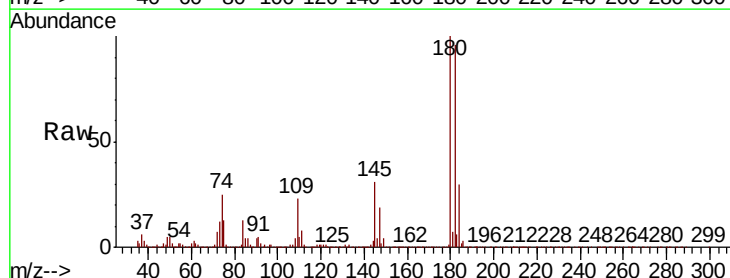
Tgt Ion:180 Resp: 216810

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.2

145 30.6 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

