

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013658.D
 Acq On : 27 Nov 2019 17:47
 Operator : JC/SP
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 03:31:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	649892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1000972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	898952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	368280	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	5.49	113	299356	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	1178909	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	422302	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	148861	20.579	ug/l	99
3) Chloromethane	1.32	50	165029	20.332	ug/l	98
4) Vinyl Chloride	1.40	62	191039	20.912	ug/l	98
5) Bromomethane	1.64	94	102698	16.739	ug/l	95
6) Chloroethane	1.72	64	107921	20.760	ug/l	96
7) Trichlorofluoromethane	1.92	101	204844	20.193	ug/l	99
8) Diethyl Ether	2.18	74	92782	20.217	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121171	19.556	ug/l	98
10) Methyl Iodide	2.50	142	138669	18.501	ug/l	99
11) Tert butyl alcohol	3.03	59	174863	93.909	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125021	20.214	ug/l	97
13) Acrolein	2.28	56	103964	87.485	ug/l	99
14) Allyl chloride	2.72	41	218347	19.454	ug/l	98
15) Acrylonitrile	3.13	53	399426	103.920	ug/l	99
16) Acetone	2.43	43	441879	118.642	ug/l	100
17) Carbon Disulfide	2.56	76	328667	18.641	ug/l	99
18) Methyl Acetate	2.76	43	231539	22.325	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	410590	20.040	ug/l	100
20) Methylene Chloride	2.85	84	138764	19.393	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	135667	20.136	ug/l	95
22) Diisopropyl ether	3.84	45	438472	20.288	ug/l	99
23) Vinyl Acetate	3.80	43	1208265	67.204	ug/l	99
24) 1,1-Dichloroethane	3.69	63	242166	20.497	ug/l	98
25) 2-Butanone	4.65	43	610382	110.272	ug/l	98
26) 2,2-Dichloropropane	4.57	77	167635	17.149	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	151642	19.598	ug/l	99
28) Bromochloromethane	5.00	49	99281	21.257	ug/l	99
29) Tetrahydrofuran	5.11	42	363975	106.665	ug/l	99
30) Chloroform	5.20	83	233099	19.454	ug/l	98
31) Cyclohexane	5.57	56	216449	19.424	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	195946	19.570	ug/l	99
36) 1,1-Dichloropropene	5.79	75	174352	19.188	ug/l	98
37) Ethyl Acetate	4.82	43	209270	20.530	ug/l	99
38) Carbon Tetrachloride	5.78	117	166163	19.832	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218494	19.454	ug/l	98
40) Benzene	6.13	78	551385	19.924	ug/l	99
41) Methacrylonitrile	5.03	41	114145	20.418	ug/l	99
42) 1,2-Dichloroethane	6.18	62	188966	20.022	ug/l	100
43) Isopropyl Acetate	6.43	43	332433	19.809	ug/l	99
44) Trichloroethene	7.20	130	154658	20.363	ug/l	97
45) 1,2-Dichloropropane	7.51	63	137351	19.837	ug/l	99
46) Dibromomethane	7.65	93	92825	19.739	ug/l	100
47) Bromodichloromethane	7.89	83	173351	19.500	ug/l	96
48) Methyl methacrylate	7.76	41	165796	20.334	ug/l	99
49) 1,4-Dioxane	7.73	88	71891	393.894	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1098300	104.045	ug/l	99
52) Toluene	8.78	92	344040	20.011	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	189298	18.707	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	208852	18.892	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	140109	20.223	ug/l	97
56) Ethyl methacrylate	9.17	69	222412	19.968	ug/l	100
57) 1,3-Dichloropropane	9.37	76	235403	19.713	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	407239	93.250	ug/l	99
59) 2-Hexanone	9.48	43	875416	106.331	ug/l	98
60) Dibromochloromethane	9.57	129	140812	19.585	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148778	20.107	ug/l	99
64) Tetrachloroethene	9.33	164	215802	32.191	ug/l	98
65) Chlorobenzene	10.14	112	372967	19.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134981	20.140	ug/l	98
67) Ethyl Benzene	10.25	91	646873	20.169	ug/l	98
68) m/p-Xylenes	10.35	106	491257	40.008	ug/l	99
69) o-Xylene	10.70	106	238756	19.937	ug/l	98
70) Styrene	10.71	104	400214	19.867	ug/l	99
71) Bromoform	10.85	173	106408	19.188	ug/l	100
73) Isopropylbenzene	11.01	105	626618	19.907	ug/l	100
74) N-amyl acetate	10.89	43	282918	19.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	206627	18.929	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	244694	24.244	ug/l	88
77) Bromobenzene	11.25	156	167360	19.681	ug/l	100
78) n-propylbenzene	11.35	91	715012	20.348	ug/l	100
79) 2-Chlorotoluene	11.42	91	421196	19.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	528224	20.475	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	64538	17.494	ug/l	95
82) 4-Chlorotoluene	11.51	91	482545	19.766	ug/l	100
83) tert-Butylbenzene	11.76	119	447739	17.077	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	533316	20.369	ug/l	99
85) sec-Butylbenzene	11.94	105	608949	20.334	ug/l	99
86) p-Isopropyltoluene	12.06	119	556758	19.984	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289999	19.564	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	292712	19.387	ug/l	99
89) n-Butylbenzene	12.38	91	471295	19.834	ug/l	99
90) Hexachloroethane	12.59	117	93314	18.530	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	288838	19.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47968	20.179	ug/l	98

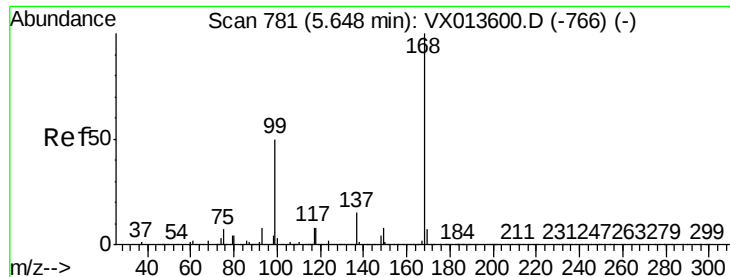
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	202776	19.866	ug/l	99
94) Hexachlorobutadiene	13.77	225	94635	19.300	ug/l	98
95) Naphthalene	13.83	128	635254	20.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	198692	19.660	ug/l	97

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

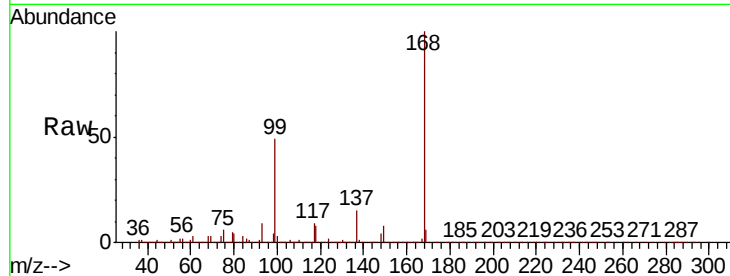


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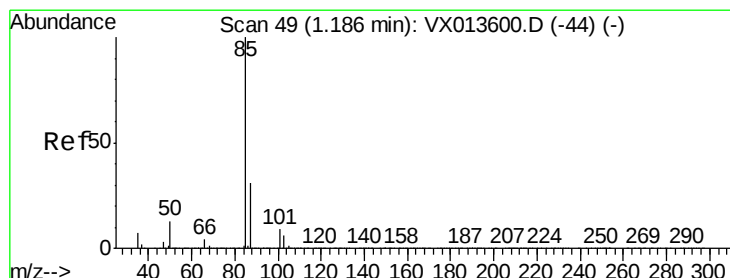
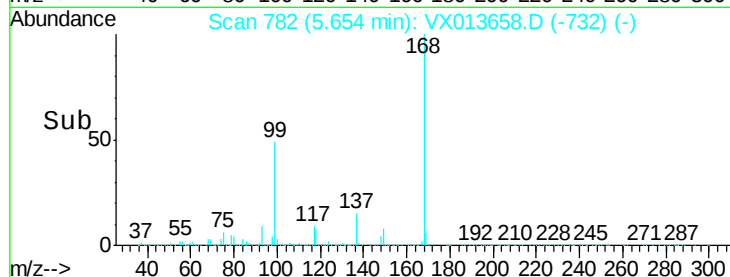
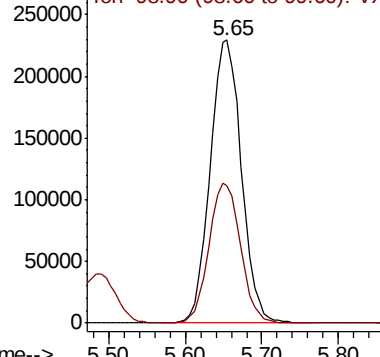
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:168 Resp: 649892
 Ion Ratio Lower Upper
 168 100
 99 48.6 39.8 59.8



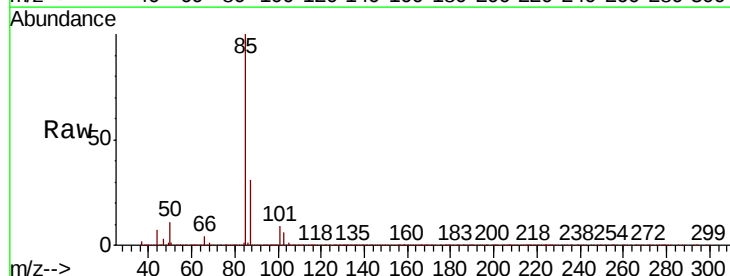
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



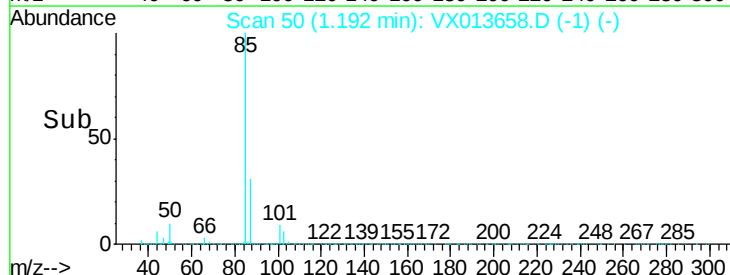
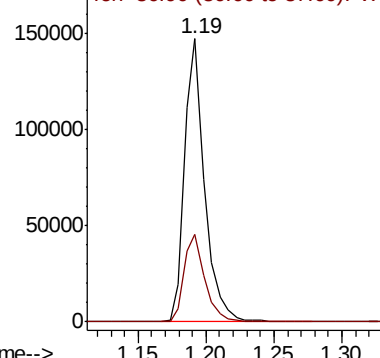
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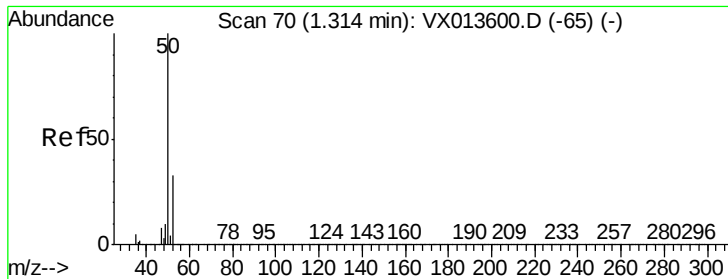
Dichlorodifluoromethane
 Concen: 20.579 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion: 85 Resp: 148861
 Ion Ratio Lower Upper
 85 100
 87 30.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.332 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

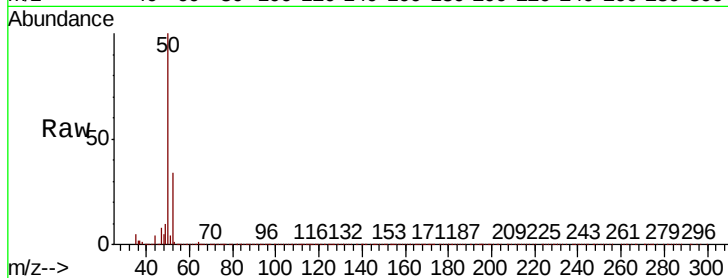
ClientSampleId :

Tot Ion: 50 Resp: 165029

Ion Ratio Lower Upper

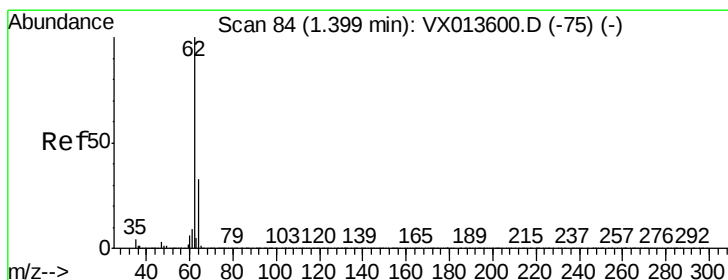
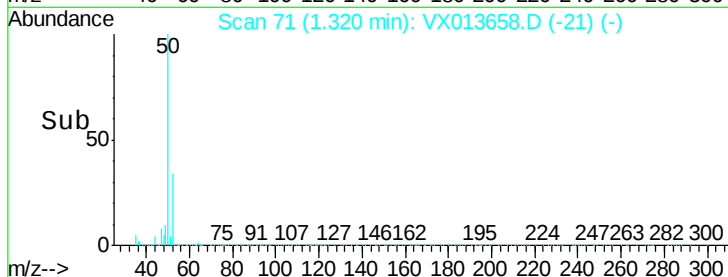
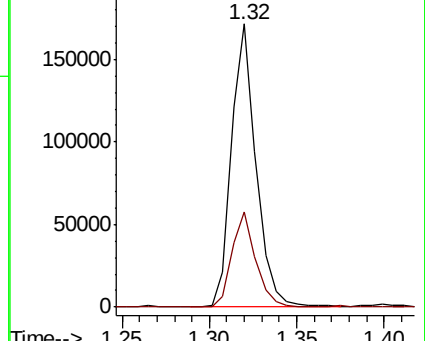
50 100

52 33.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.912 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013658.D

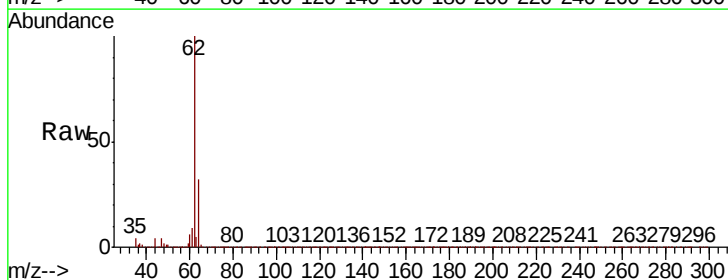
Acq: 27 Nov 2019 17:47

Tgt Ion: 62 Resp: 191039

Ion Ratio Lower Upper

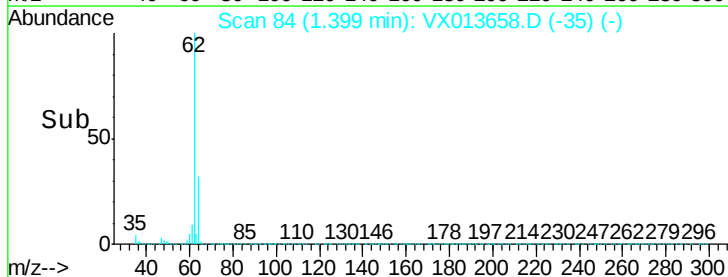
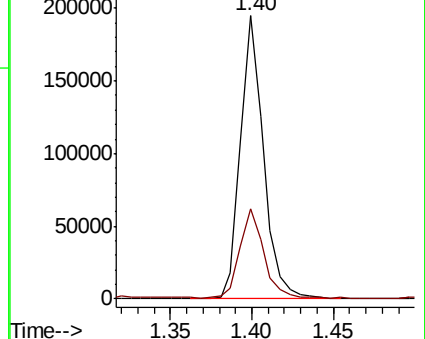
62 100

64 31.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.739 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

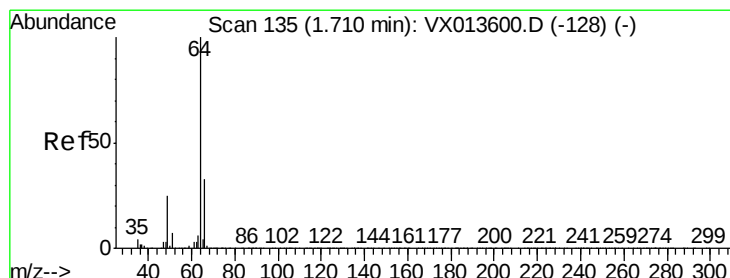
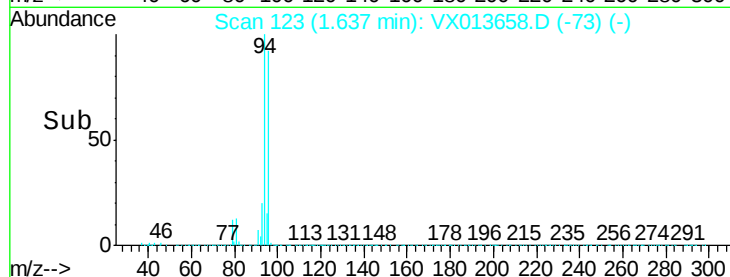
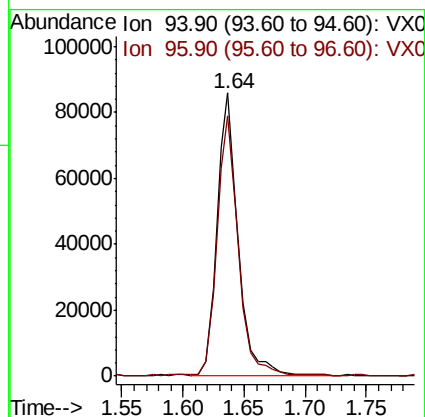
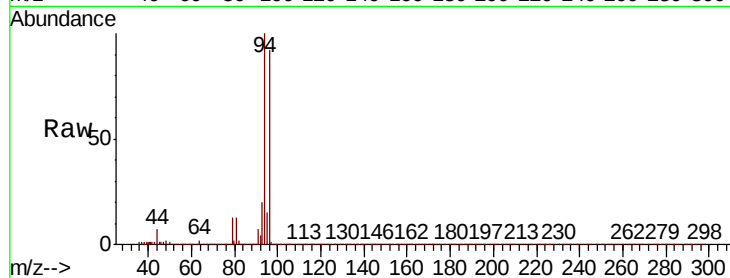
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 102698

Ion Ratio Lower Upper

94 100

96 91.8 77.0 115.4



#6

Chloroethane

Concen: 20.760 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013658.D

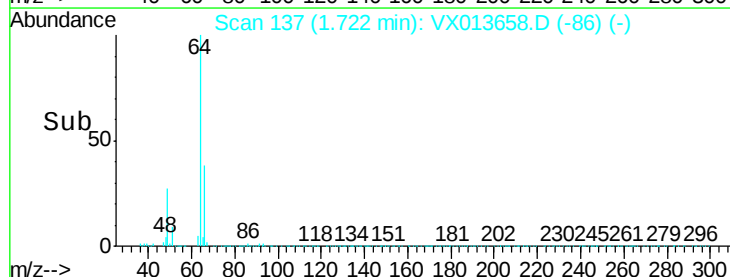
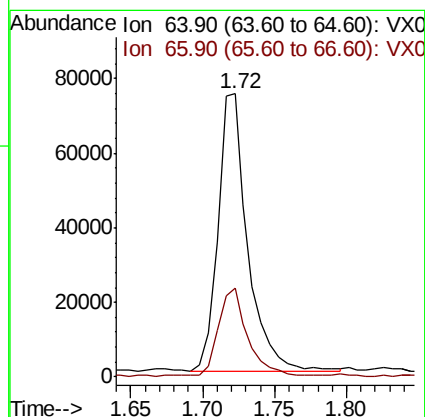
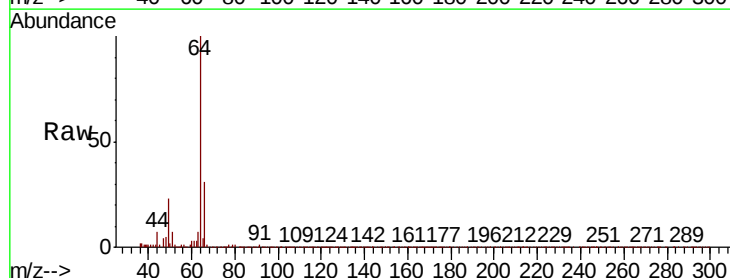
Acq: 27 Nov 2019 17:47

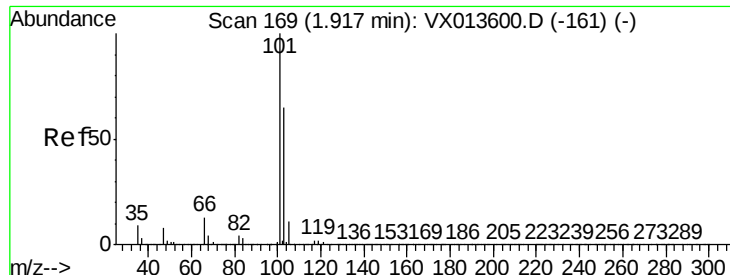
Tgt Ion: 64 Resp: 107921

Ion Ratio Lower Upper

64 100

66 31.2 26.7 40.1



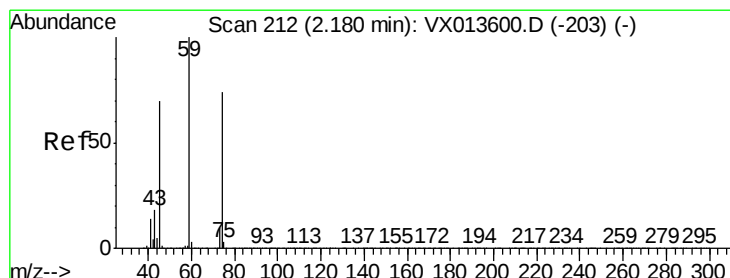
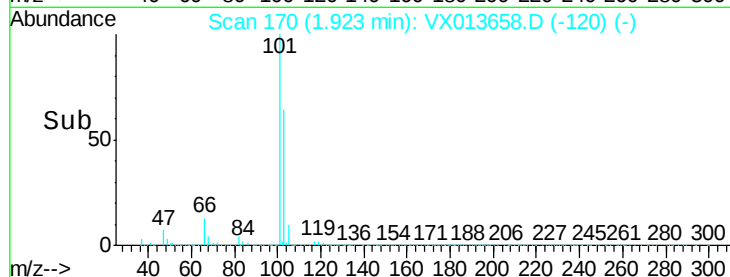
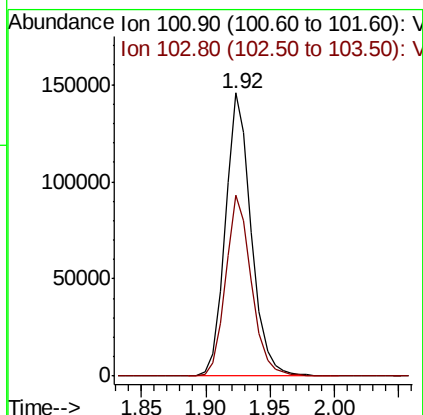
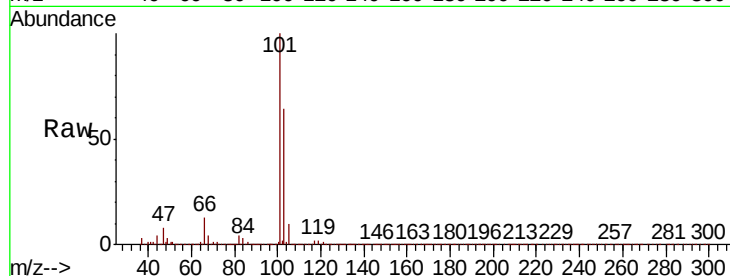


#7

Trichlorofluoromethane
 Concen: 20.193 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :

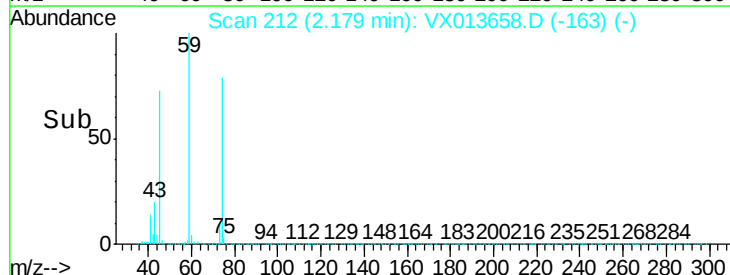
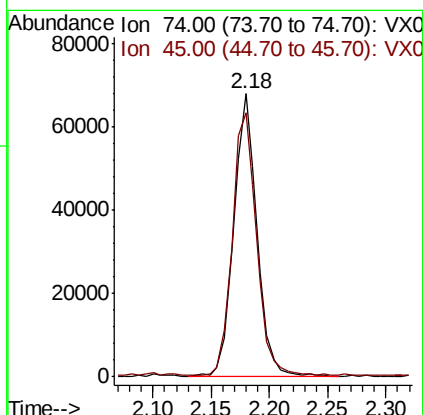
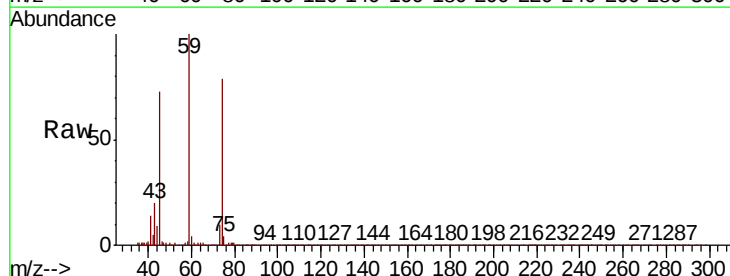
Tot Ion:101 Resp: 204844
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.6

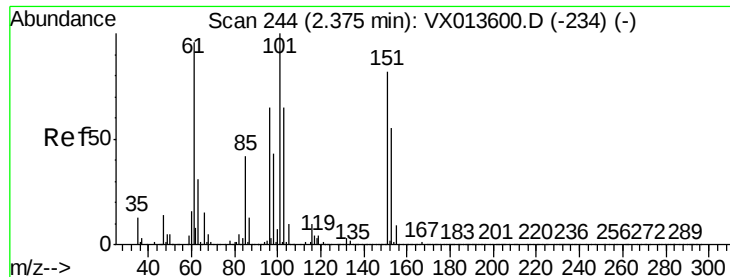


#8

Diethyl Ether
 Concen: 20.217 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion: 74 Resp: 92782
 Ion Ratio Lower Upper
 74 100
 45 97.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.556 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

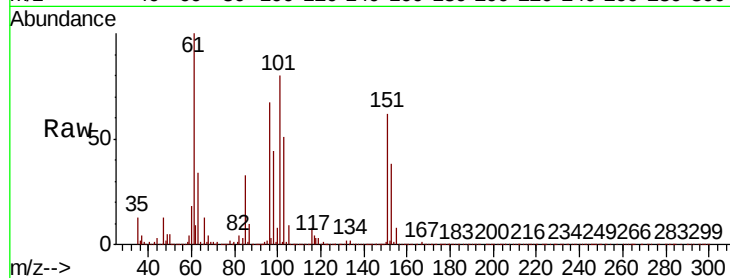
Tot Ion:101 Resp: 121171

Ion Ratio Lower Upper

101 100

85 44.1 33.9 50.9

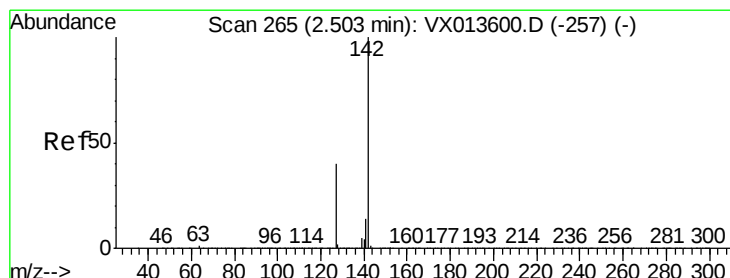
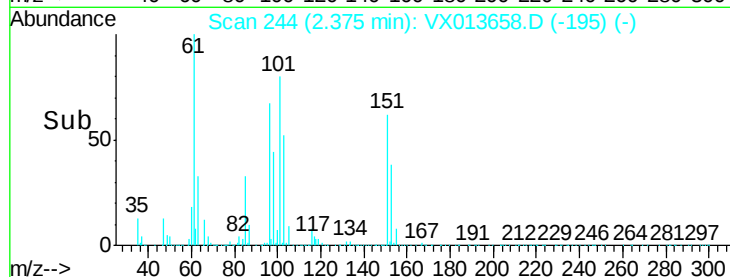
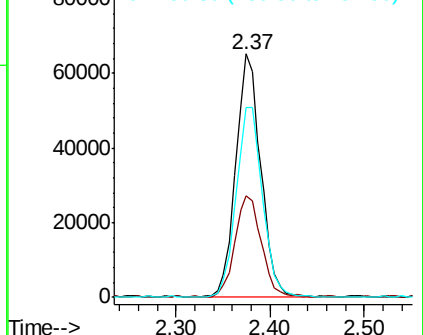
151 82.0 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.501 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

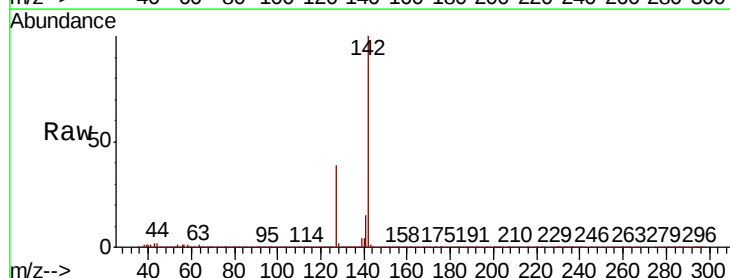
Tgt Ion:142 Resp: 138669

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

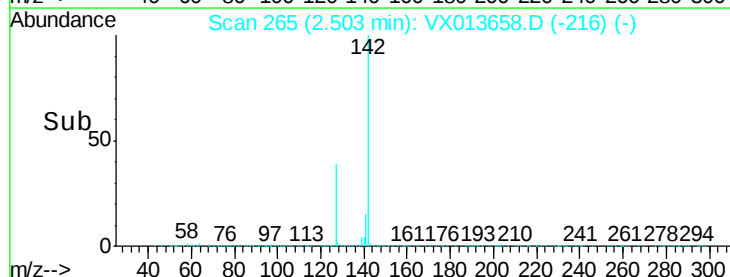
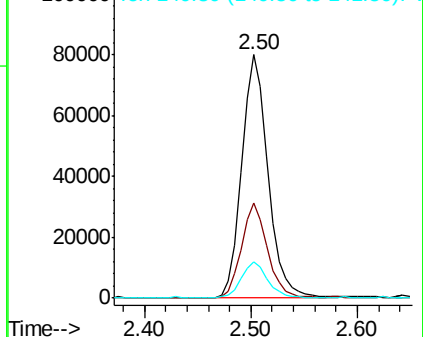
141 15.2 11.6 17.4

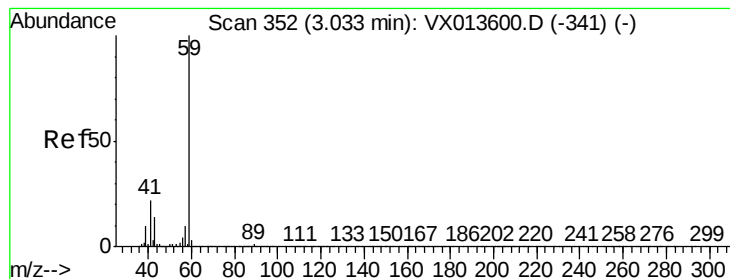


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



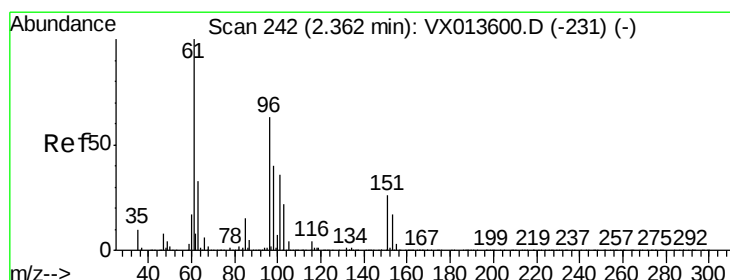
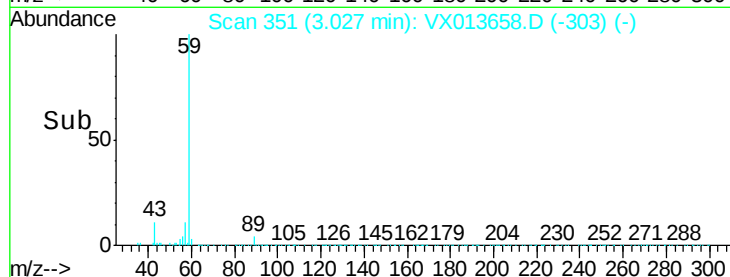
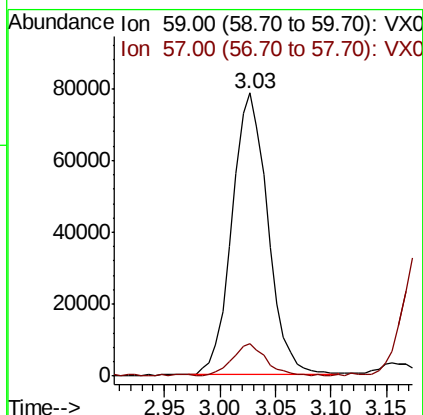
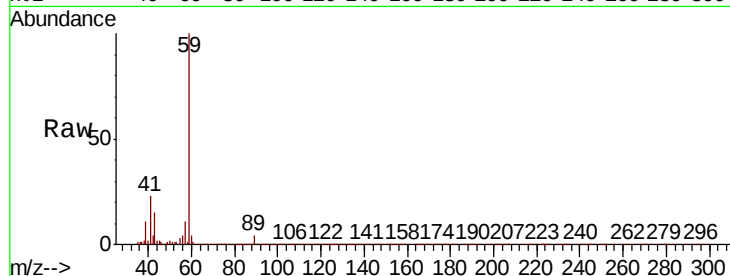


#11

Tert butyl alcohol
Concen: 93.909 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampled :

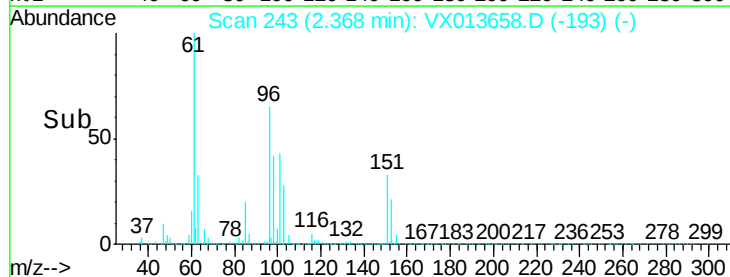
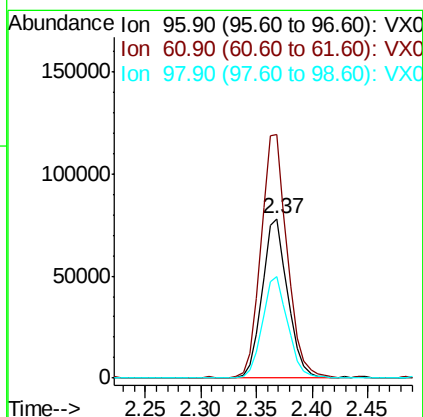
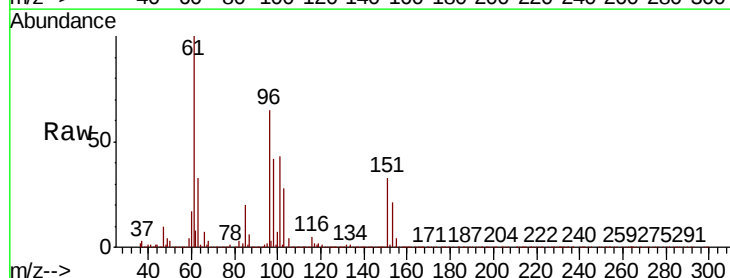
Tot Ion: 59 Resp: 174863
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6

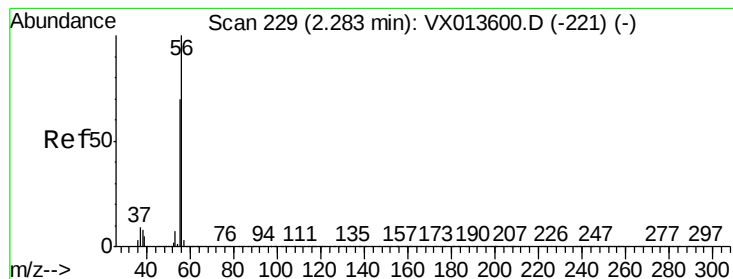


#12

1,1-Dichloroethene
Concen: 20.214 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion: 96 Resp: 125021
Ion Ratio Lower Upper
96 100
61 152.9 126.6 190.0
98 63.9 50.6 76.0





#13

Acrolein

Concen: 87.485 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

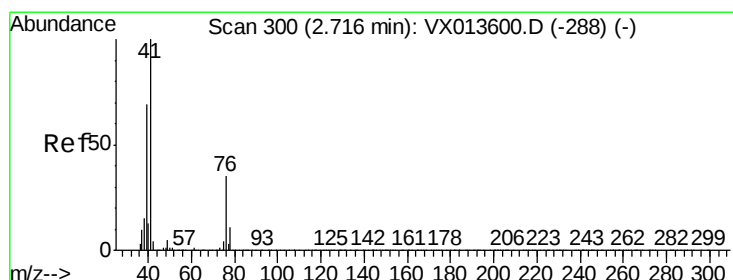
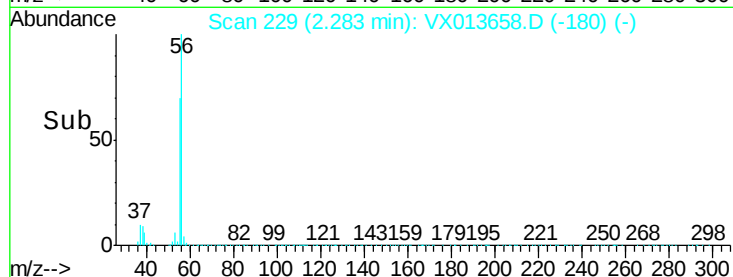
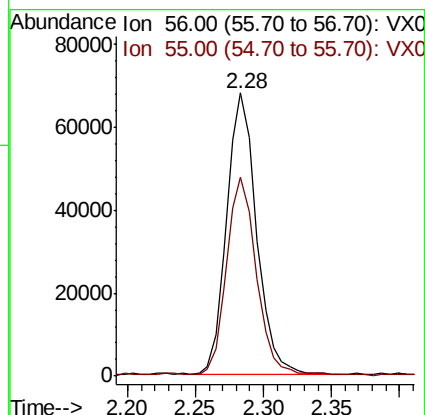
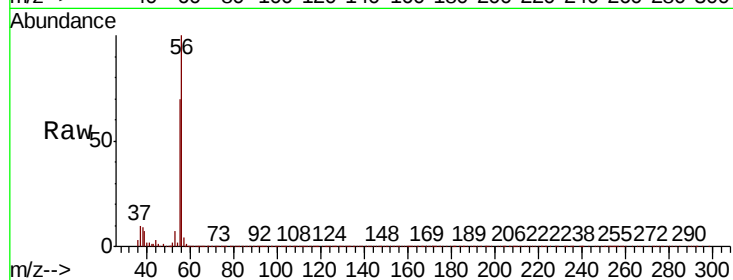
ClientSampleId :

Tot Ion: 56 Resp: 103964

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.4



#14

Allyl chloride

Concen: 19.454 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

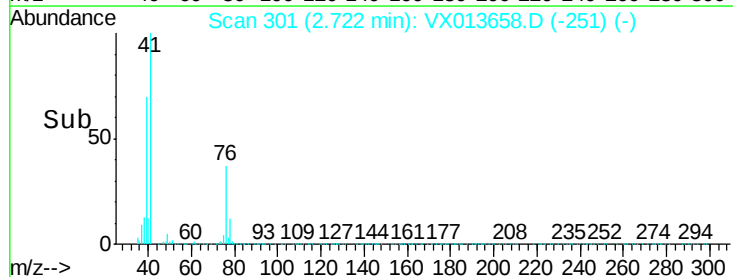
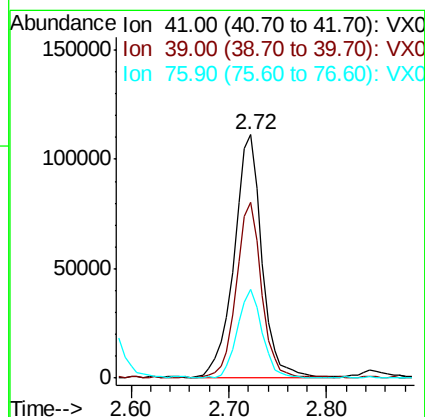
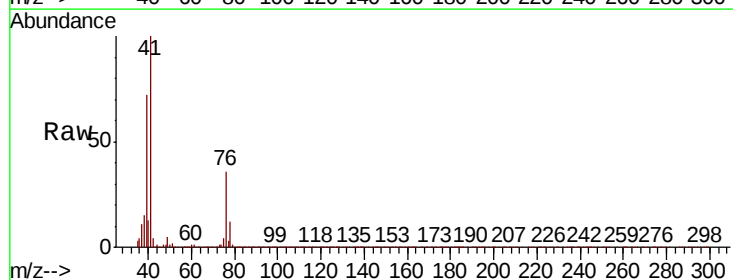
Tgt Ion: 41 Resp: 218347

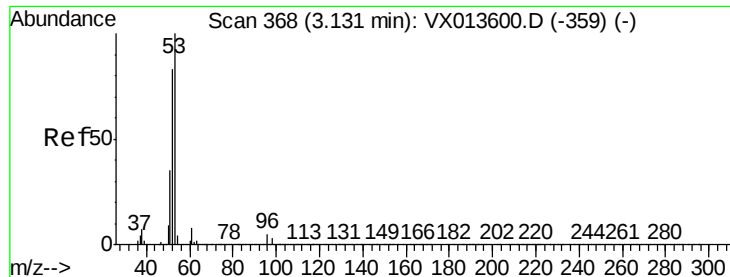
Ion Ratio Lower Upper

41 100

39 66.9 51.7 77.5

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 103.920 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

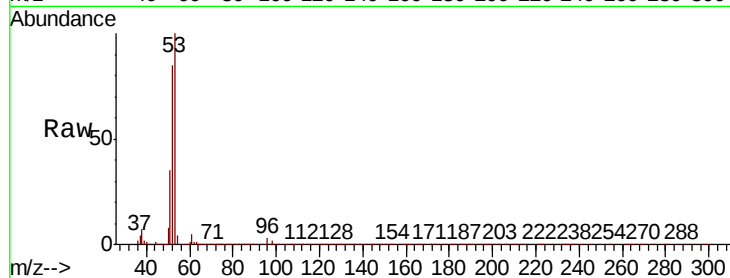
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 399426

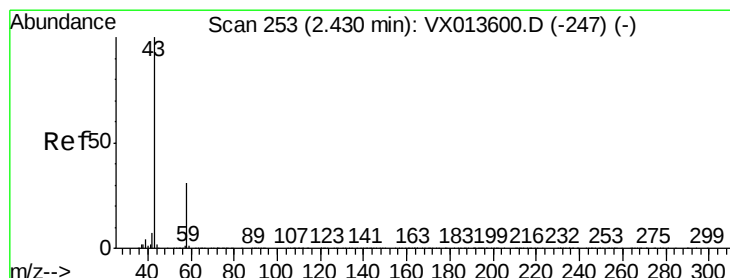
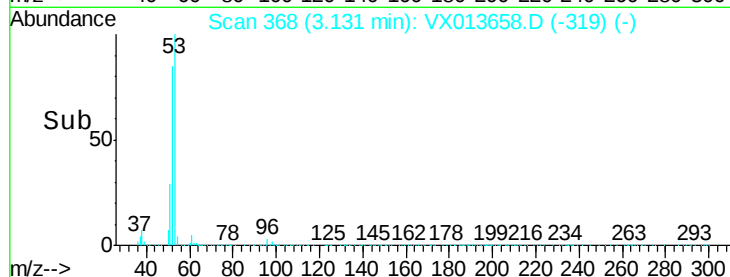
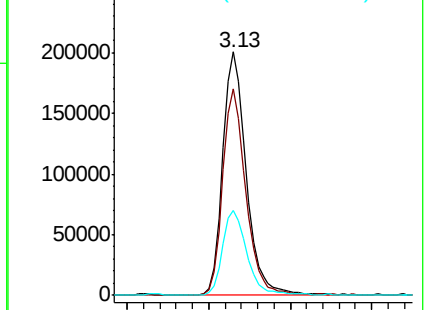
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	35.9	29.0	43.6



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: 118.642 ug/l

RT: 2.43 min Scan# 253

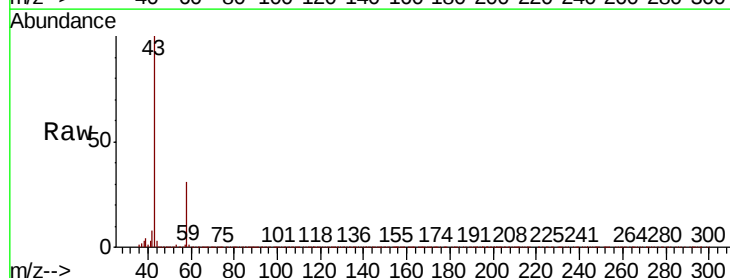
Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

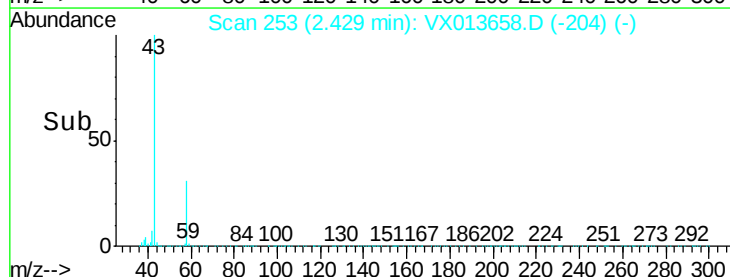
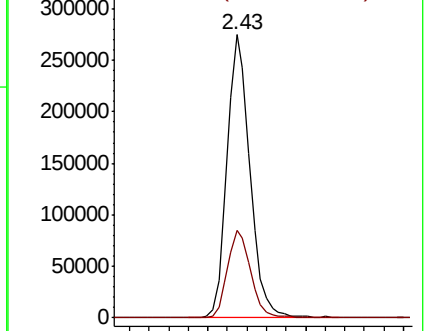
Tgt Ion: 43 Resp: 441879

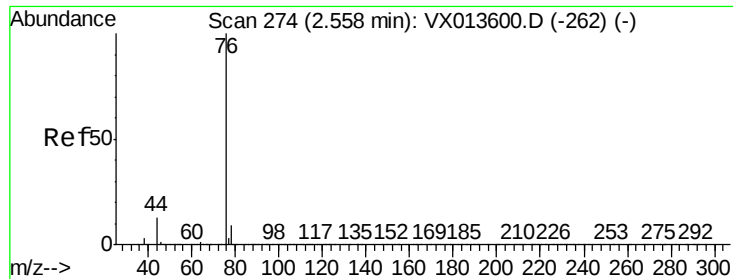
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

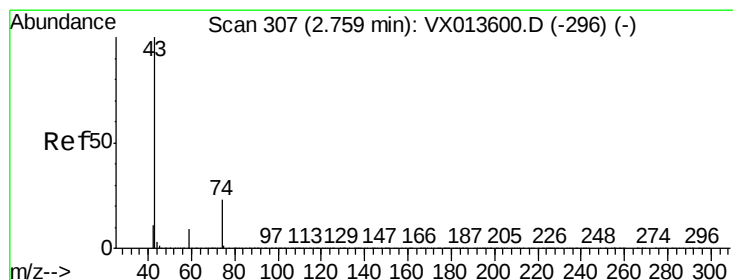
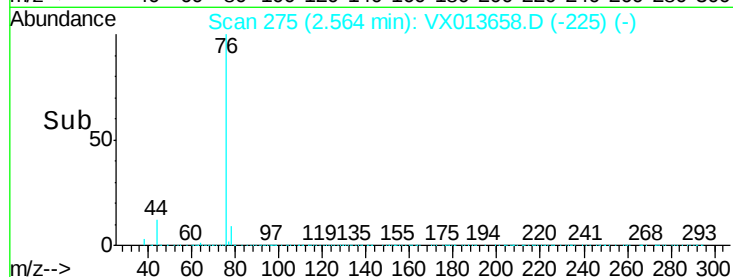
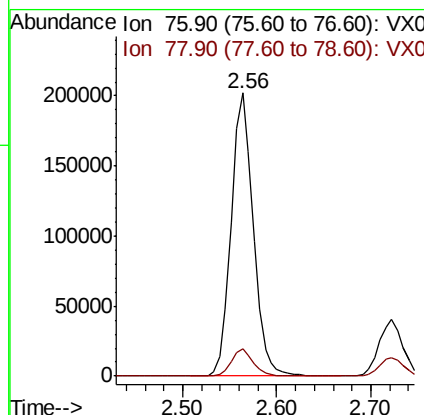
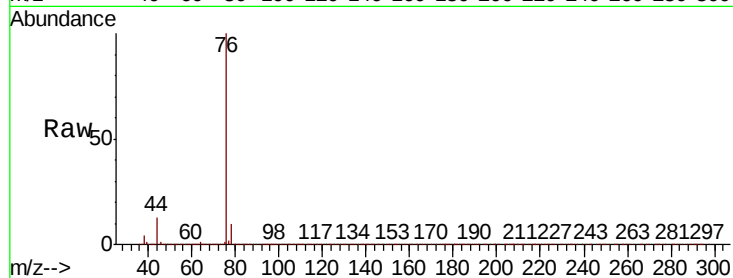




#17
Carbon Disulfide
Concen: 18.641 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

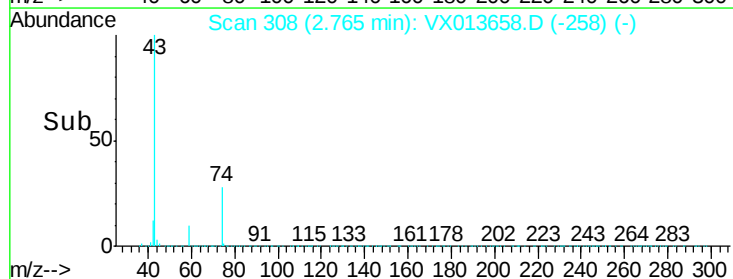
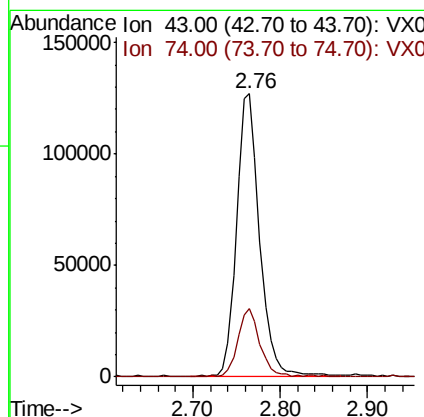
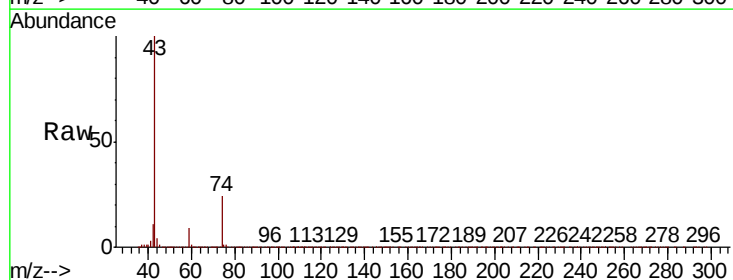
Instrument :
MSVOA_X
ClientSampleId :

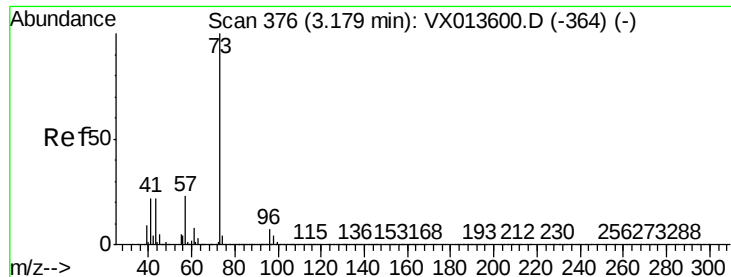
Tot Ion: 76 Resp: 328667
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 22.325 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion: 43 Resp: 231539
Ion Ratio Lower Upper
43 100
74 23.2 19.5 29.3



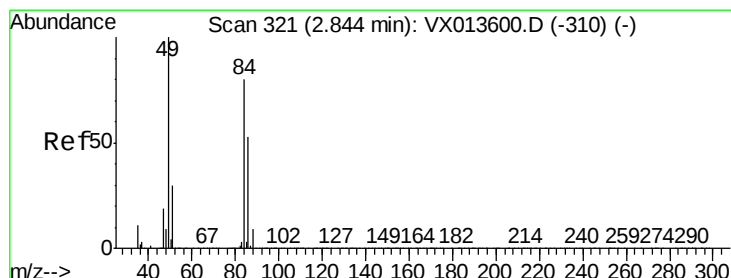
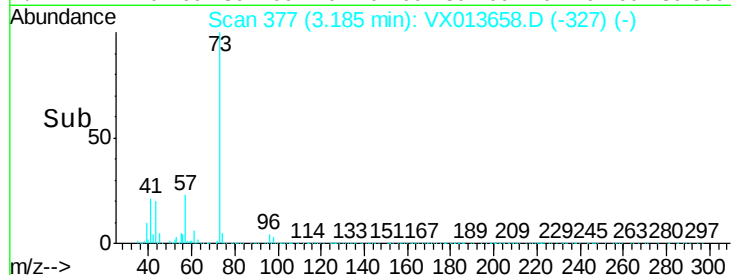
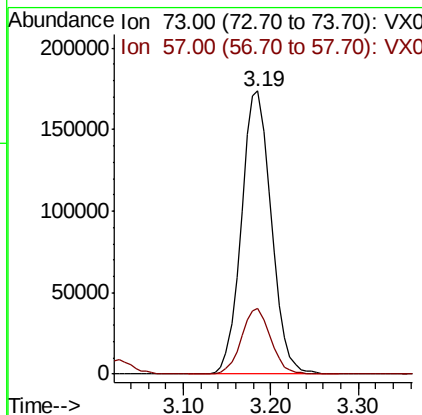
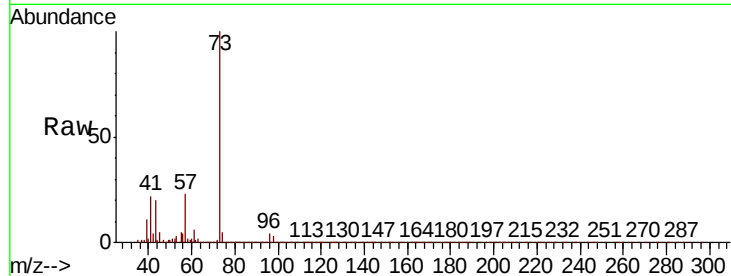


#19

Methyl tert-butyl Ether
 Concen: 20.040 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :

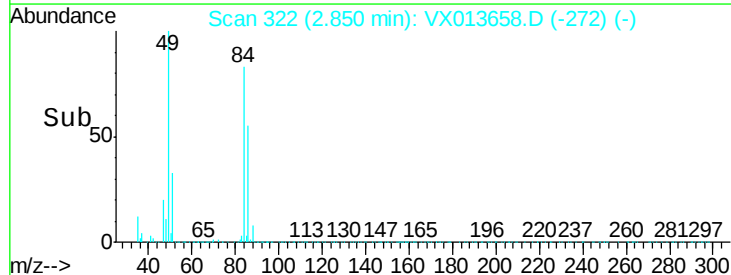
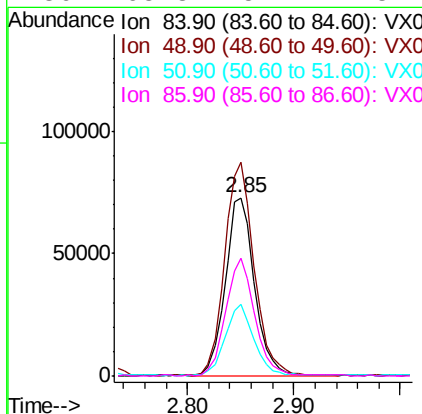
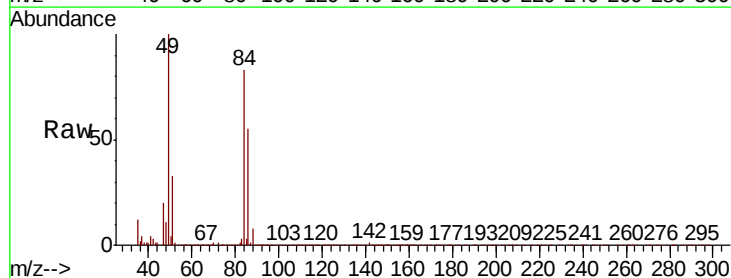
Tot Ion: 73 Resp: 410590
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.3 27.5

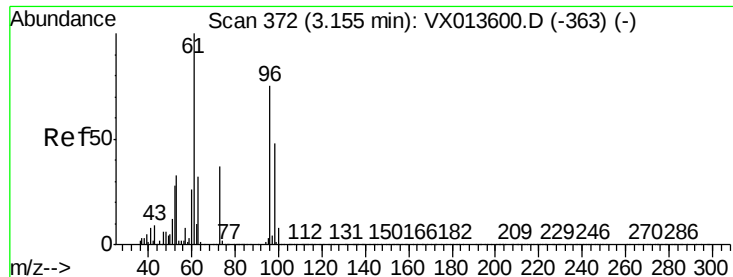


#20

Methylene Chloride
 Concen: 19.393 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion: 84 Resp: 138764
 Ion Ratio Lower Upper
 84 100
 49 119.9 99.7 149.5
 51 39.8 29.9 44.9
 86 65.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.136 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

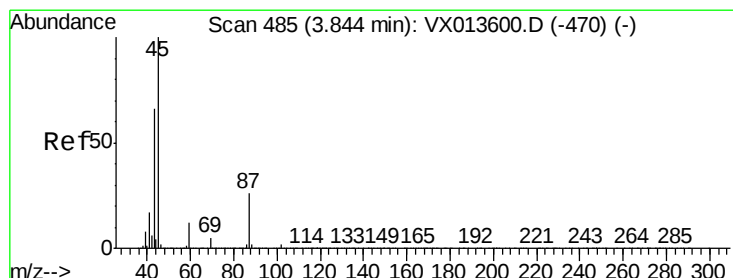
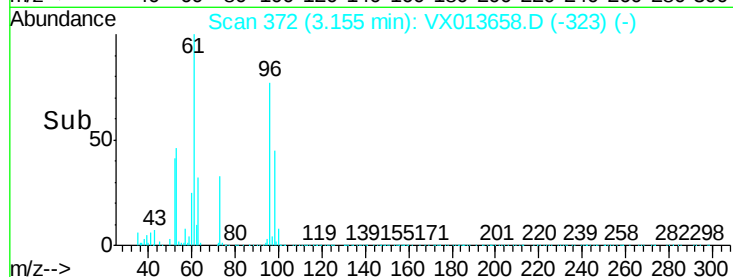
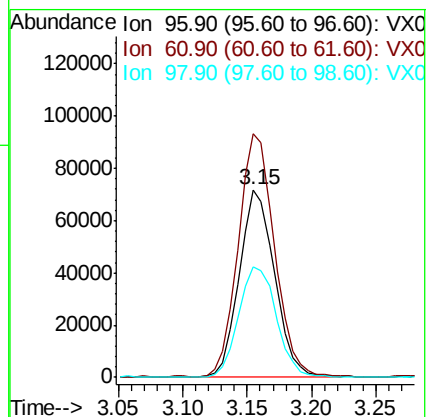
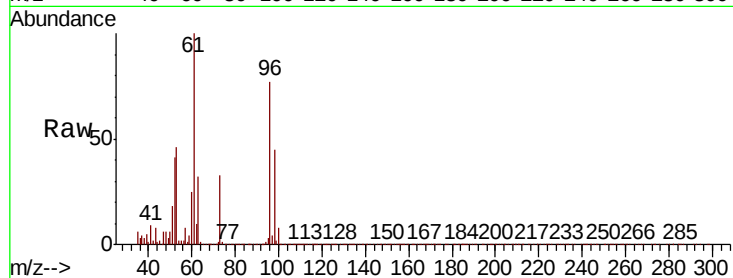
Tot Ion: 96 Resp: 135667

Ion Ratio Lower Upper

96 100

61 129.8 107.2 160.8

98 58.7 51.4 77.0



#22

Diisopropyl ether

Concen: 20.288 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion: 45 Resp: 438472

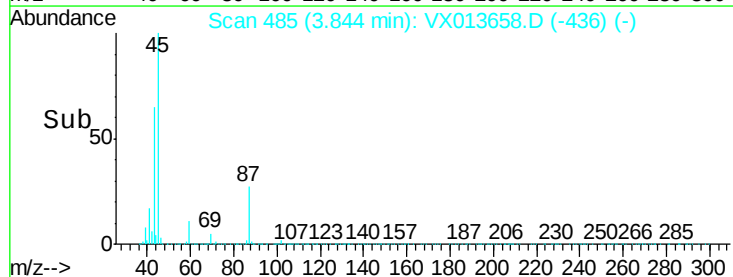
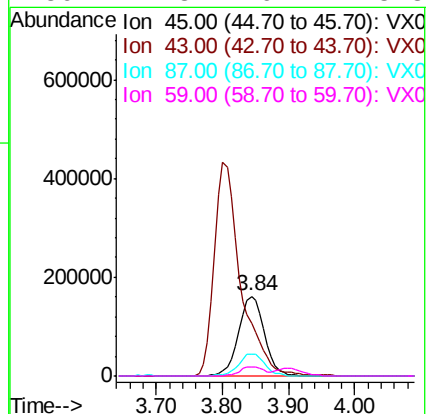
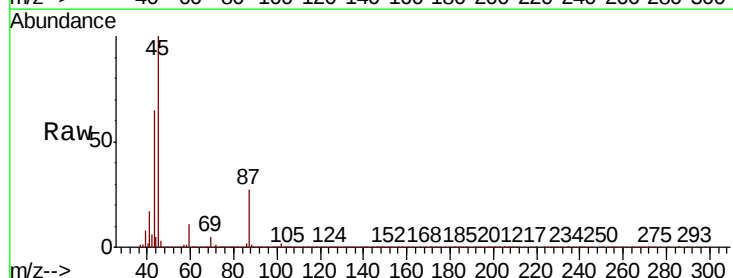
Ion Ratio Lower Upper

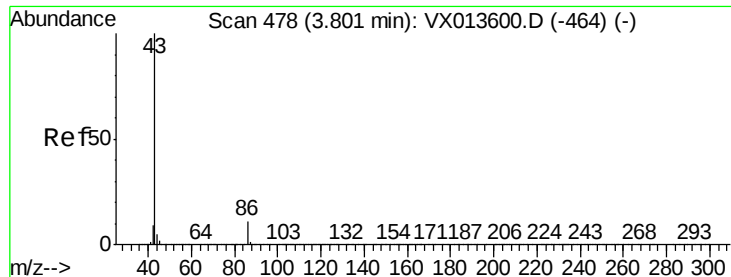
45 100

43 65.1 52.6 79.0

87 27.4 21.1 31.7

59 11.3 9.2 13.8

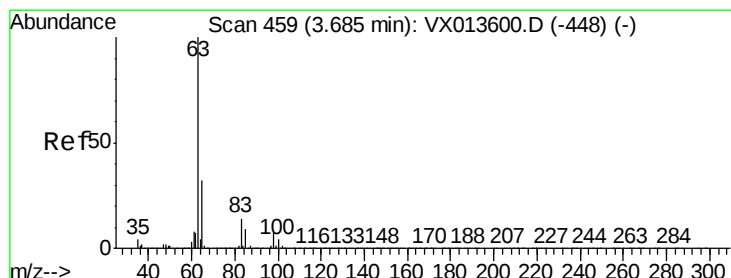
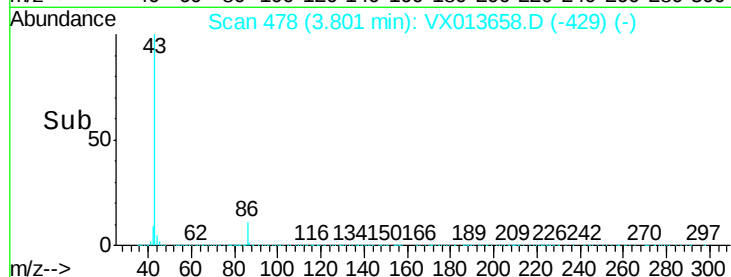
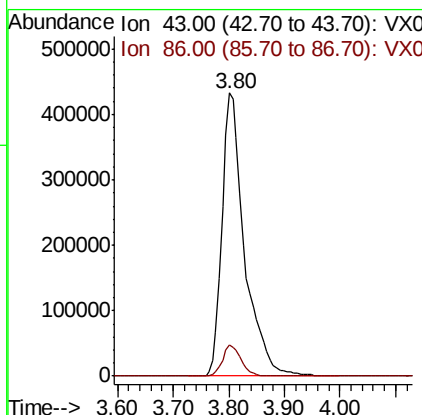
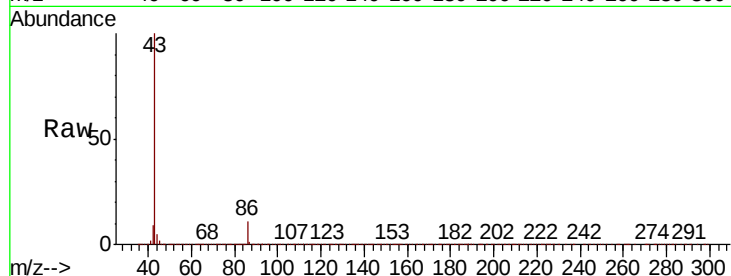




#23
 Vinyl Acetate
 Concen: 67.204 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

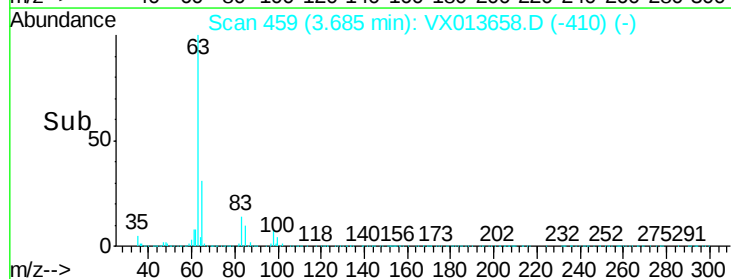
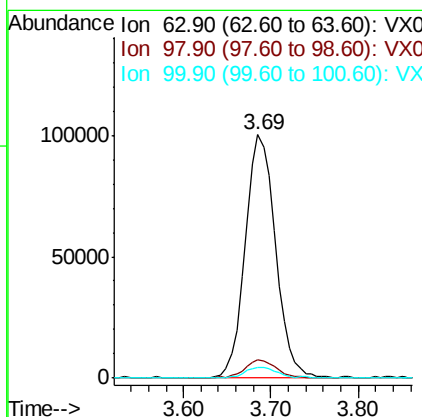
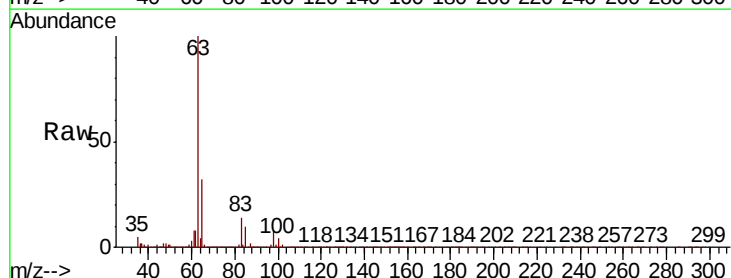
Instrument :
 MSVOA_X
 ClientSampleId :

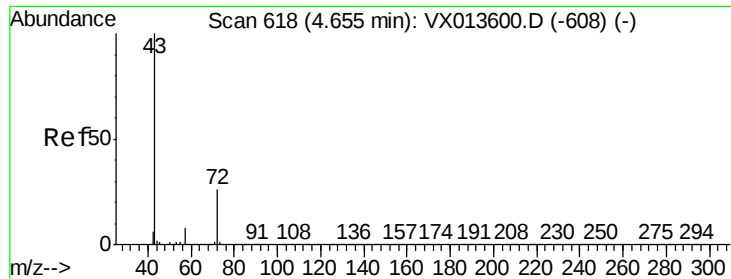
Tot Ion: 43 Resp: 1208265
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.497 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion: 63 Resp: 242166
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 110.272 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

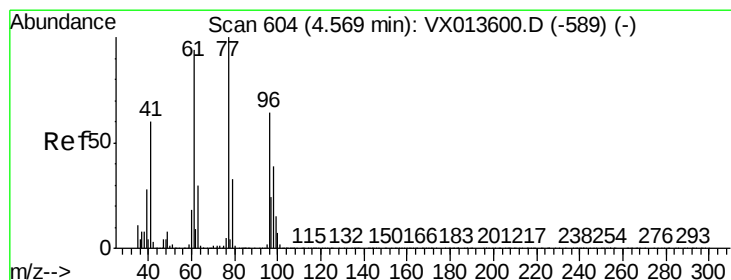
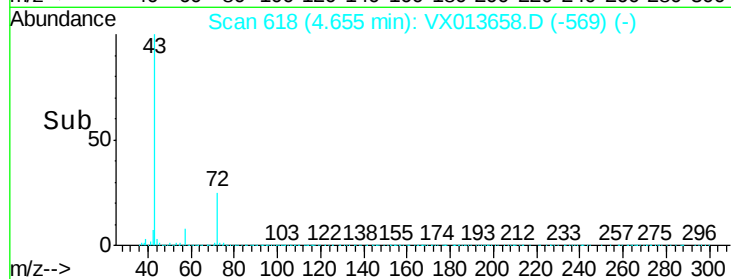
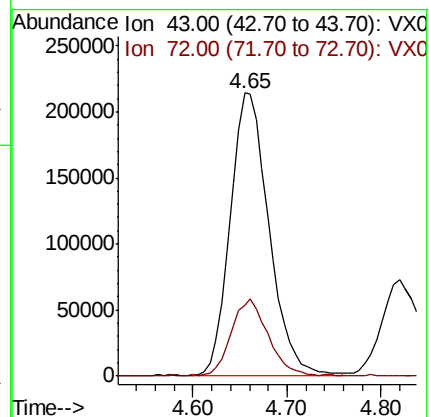
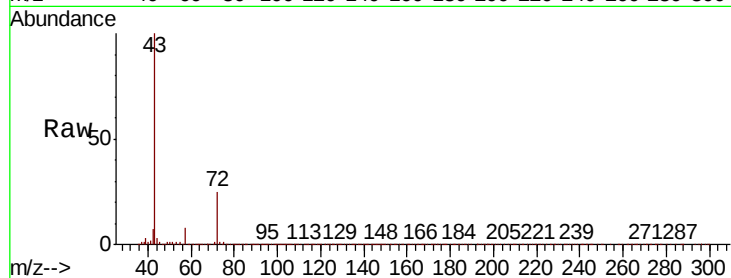
ClientSampleId :

Tot Ion: 43 Resp: 610382

Ion Ratio Lower Upper

43 100

72 25.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 17.149 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013658.D

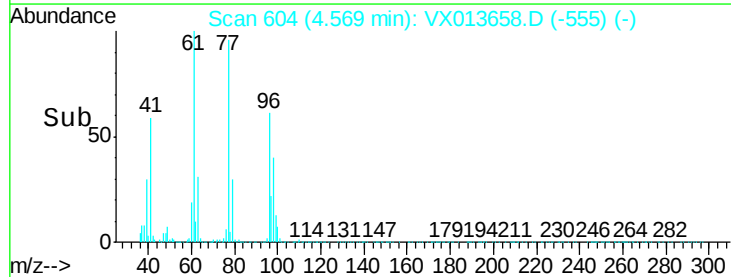
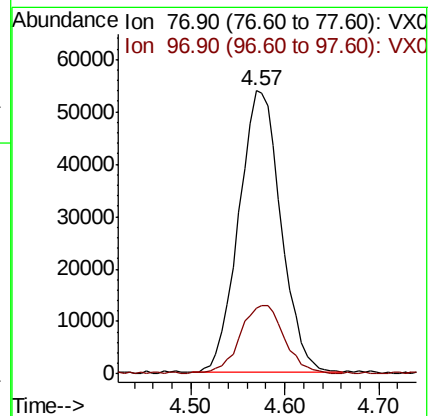
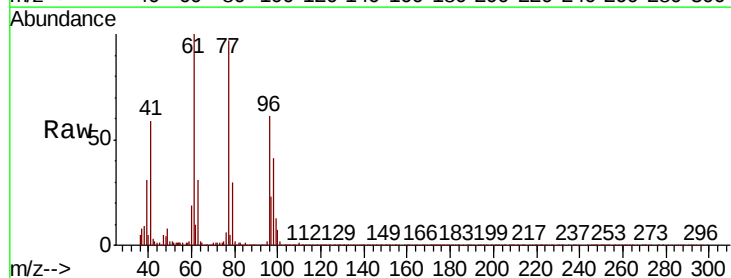
Acq: 27 Nov 2019 17:47

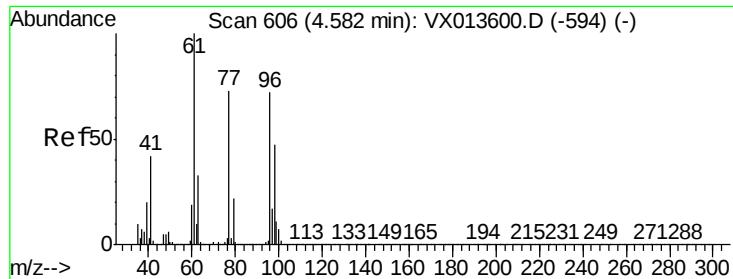
Tgt Ion: 77 Resp: 167635

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1



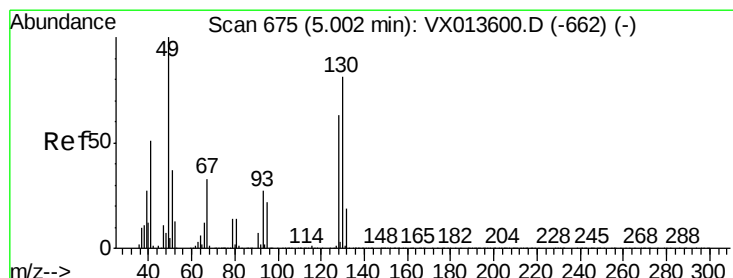
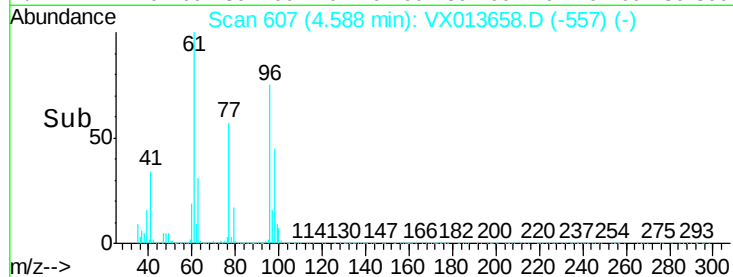
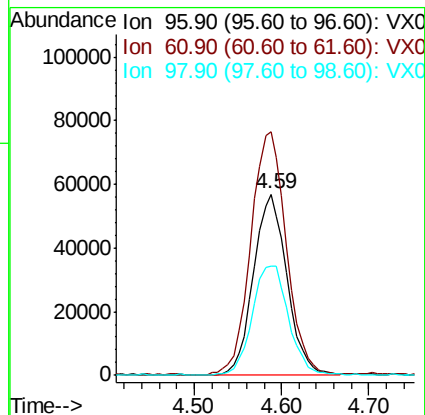
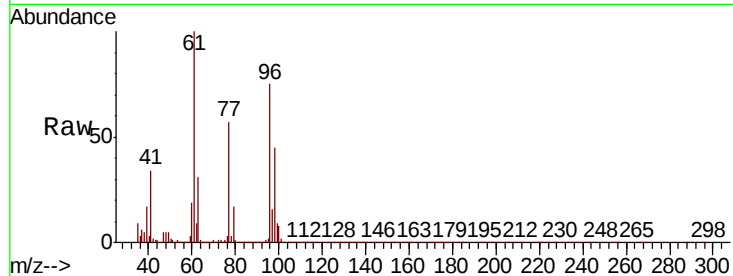


#27

cis-1,2-Dichloroethene
Concen: 19.598 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampled :

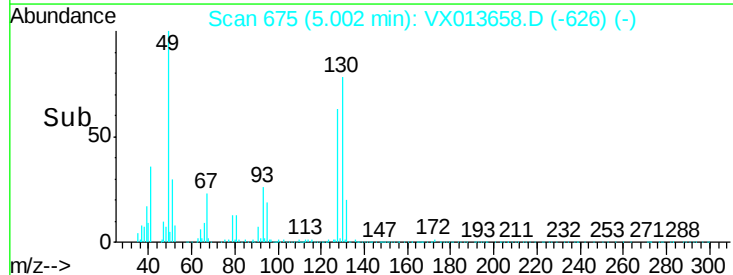
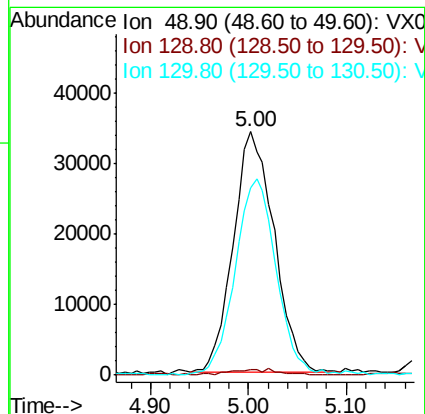
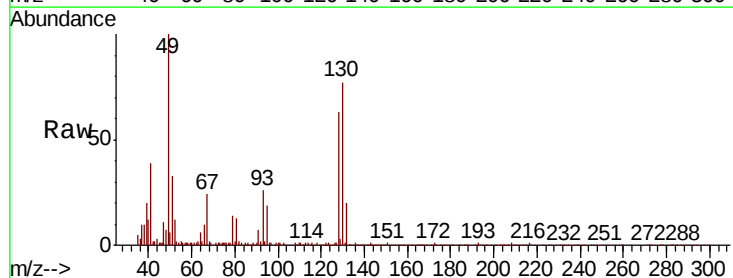
Tot Ion: 96 Resp: 151642
Ion Ratio Lower Upper
96 100
61 142.6 0.0 286.4
98 65.2 0.0 127.4

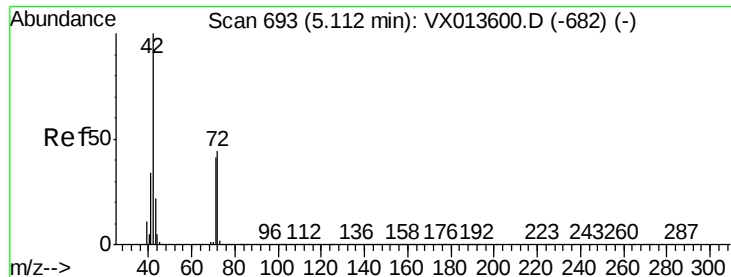


#28

Bromochloromethane
Concen: 21.257 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion: 49 Resp: 99281
Ion Ratio Lower Upper
49 100
129 1.4 0.0 5.0
130 81.0 65.4 98.0





#29

Tetrahydrofuran

Concen: 106.665 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

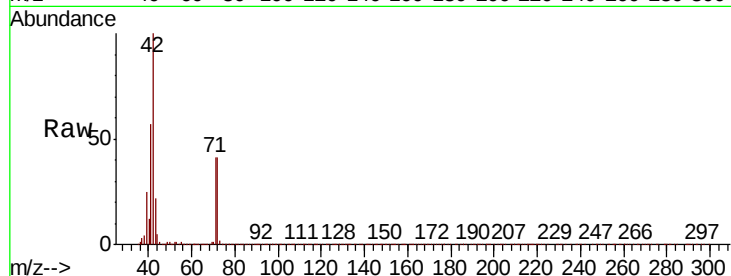
Tot Ion: 42 Resp: 363975

Ion Ratio Lower Upper

42 100

72 45.0 36.3 54.5

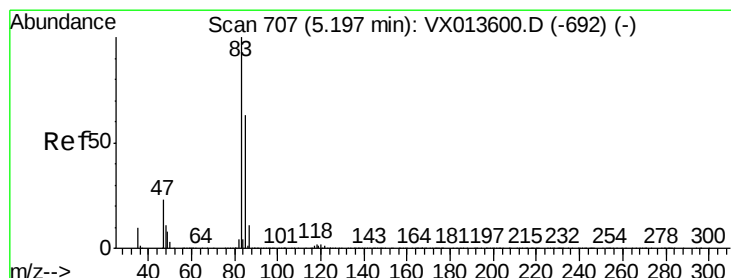
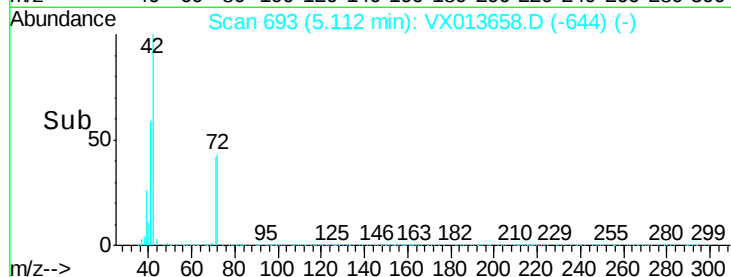
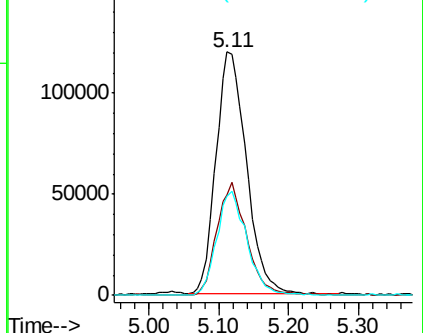
71 42.0 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.454 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013658.D

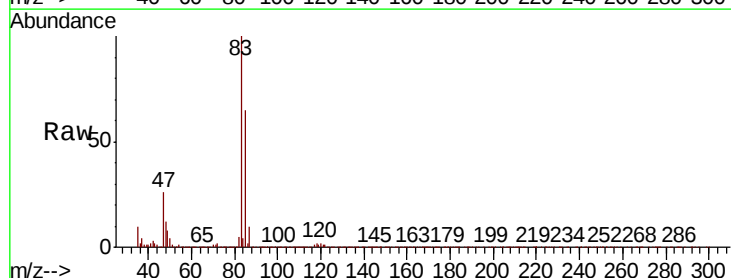
Acq: 27 Nov 2019 17:47

Tgt Ion: 83 Resp: 233099

Ion Ratio Lower Upper

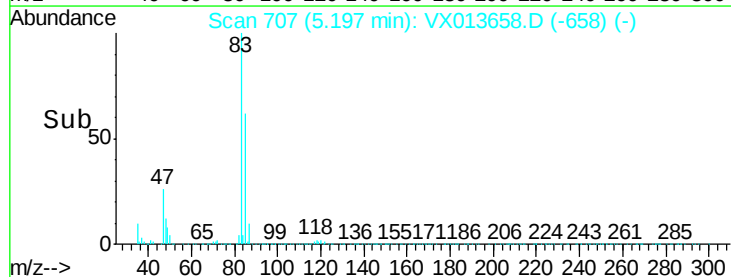
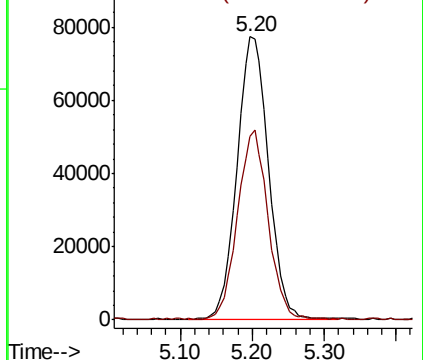
83 100

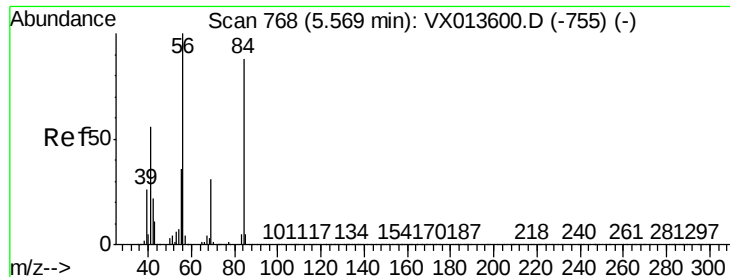
85 64.7 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

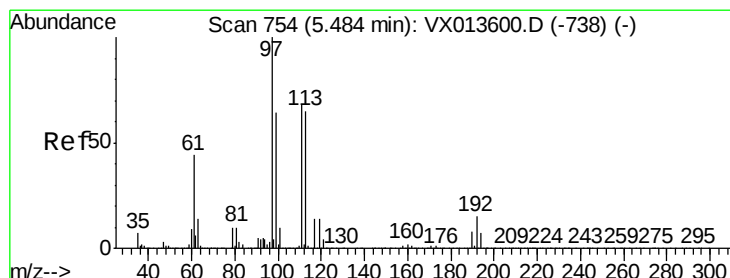
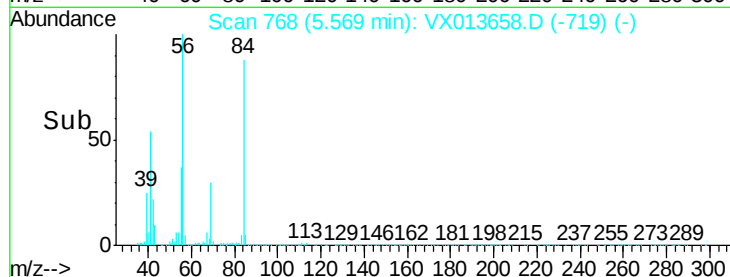
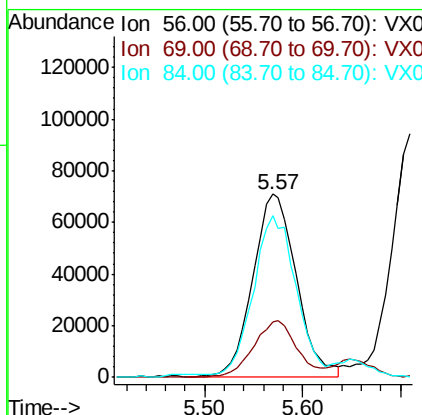
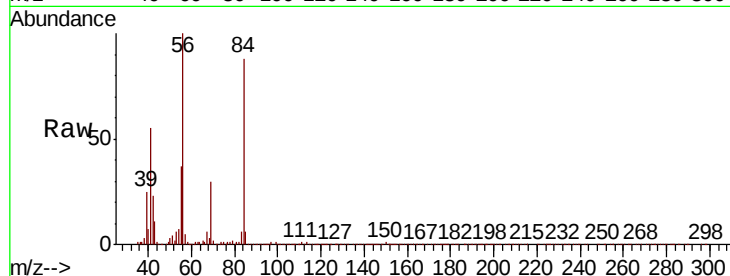




#31
Cyclohexane
Concen: 19.424 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

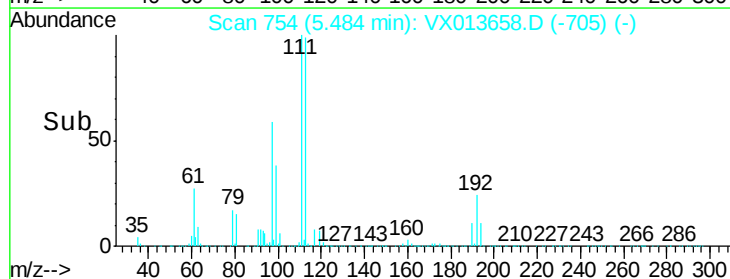
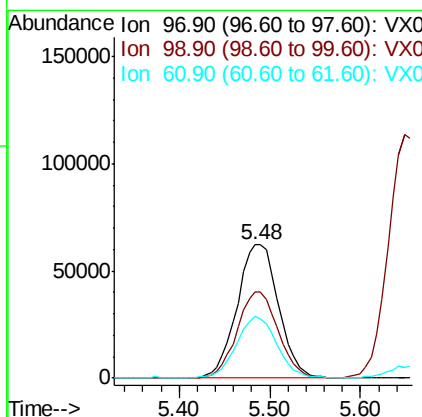
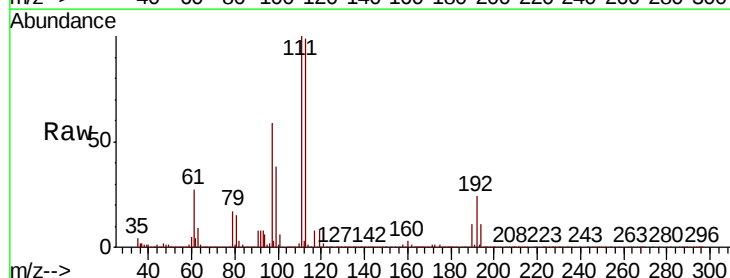
Instrument :
MSVOA_X
ClientSampleId :

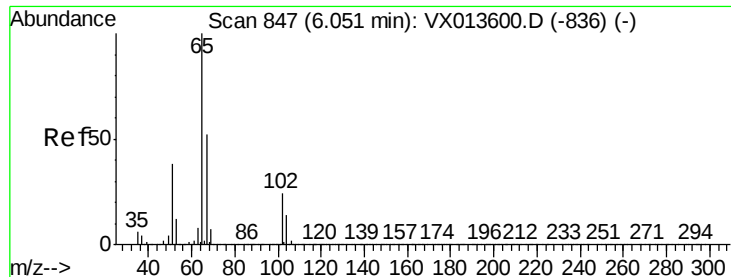
Tot Ion: 56 Resp: 216449
Ion Ratio Lower Upper
56 100
69 30.0 24.6 36.8
84 87.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.570 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion: 97 Resp: 195946
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 45.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.819 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

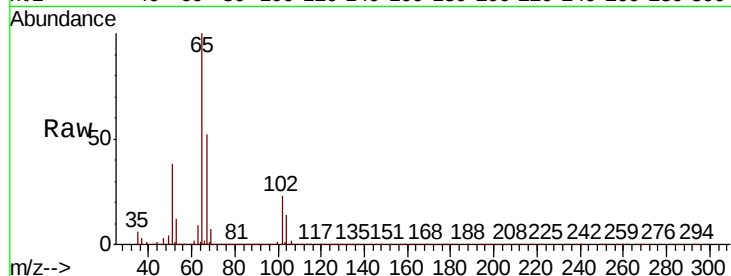
ClientSampleId :

Tot Ion: 65 Resp: 368280

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

150000

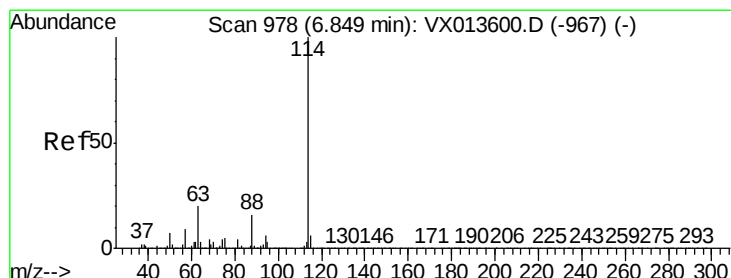
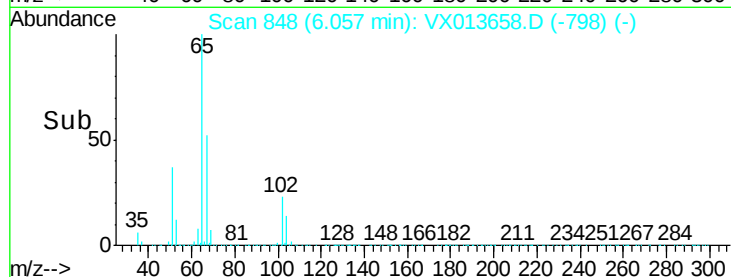
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

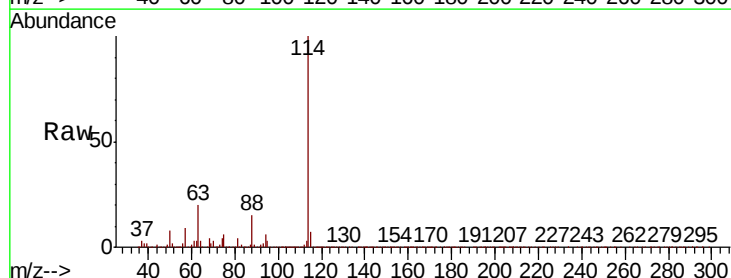
Tgt Ion: 114 Resp: 1000972

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

300000

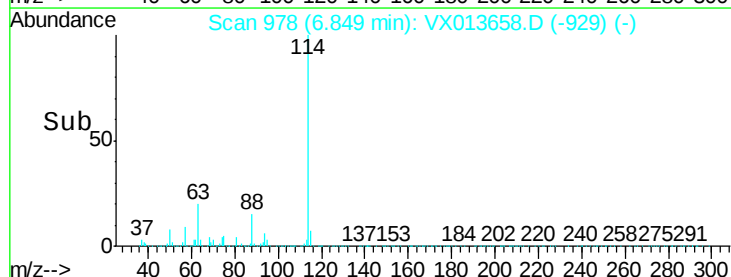
200000

100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.376 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013658.D

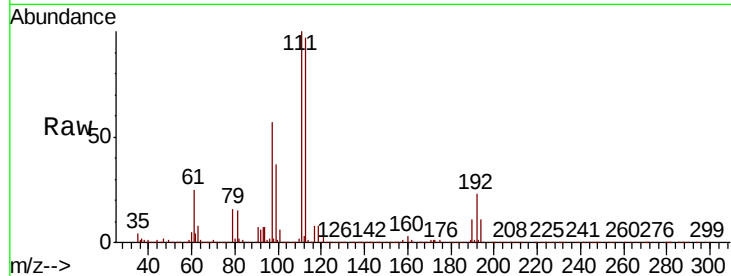
Acq: 27 Nov 2019 17:47

Instrument :

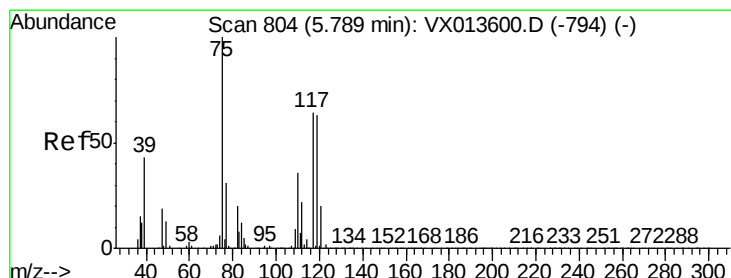
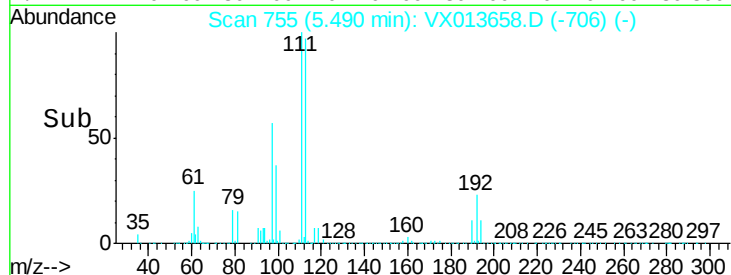
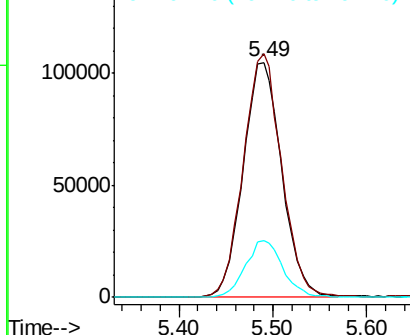
MSVOA_X

ClientSampled :

Tot Ion:	113	Resp:	299356
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.6	125.4
192	24.0	19.2	28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.188 ug/l

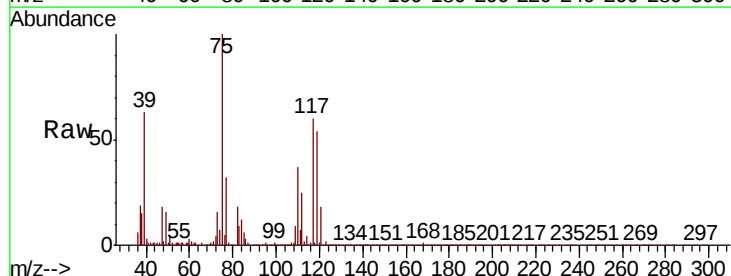
RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

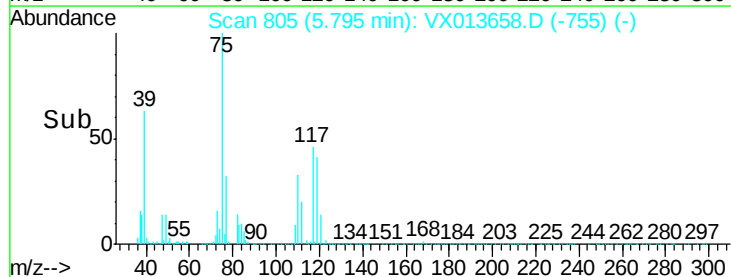
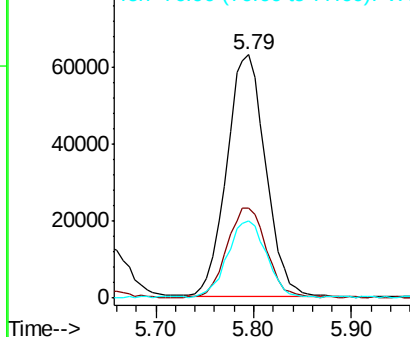
Lab File: VX013658.D

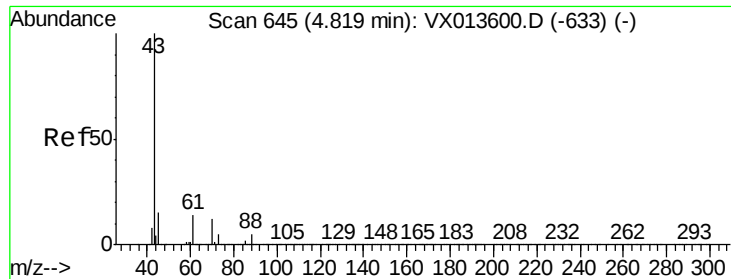
Acq: 27 Nov 2019 17:47

Tgt Ion:	75	Resp:	174352
Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.1	54.1
77	31.6	24.5	36.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

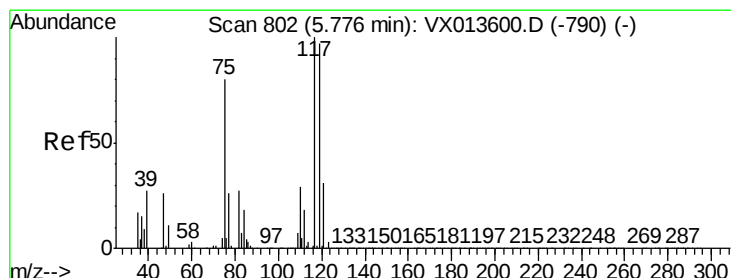
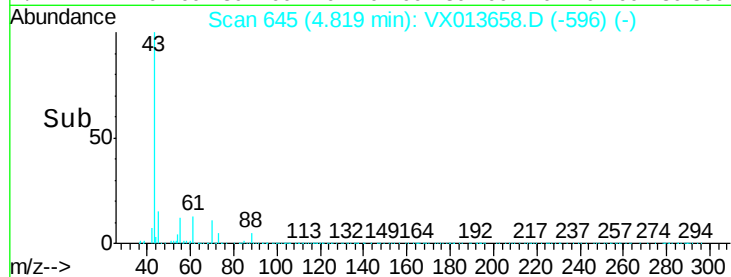
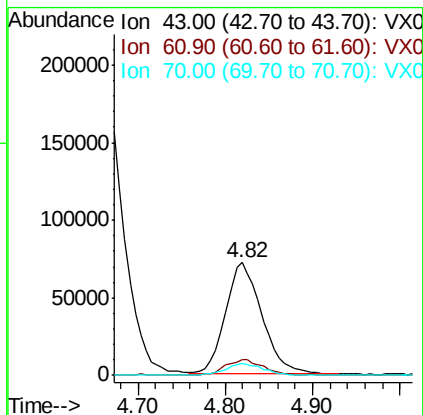
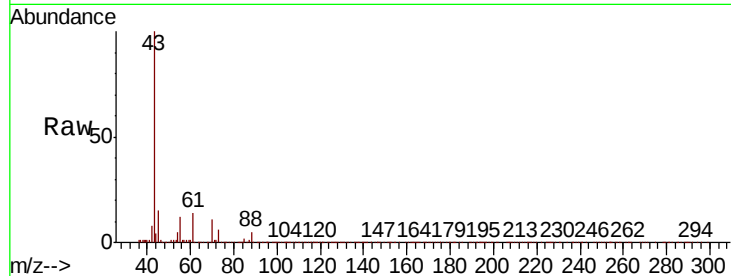




#37
Ethyl Acetate
Concen: 20.530 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

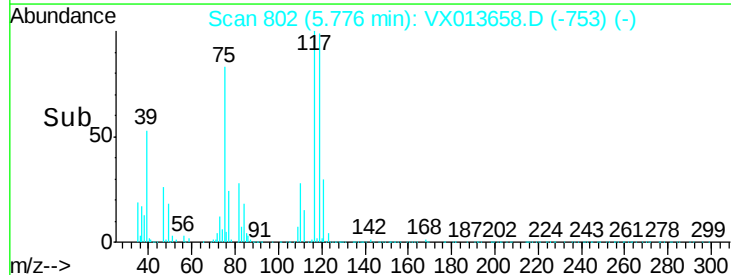
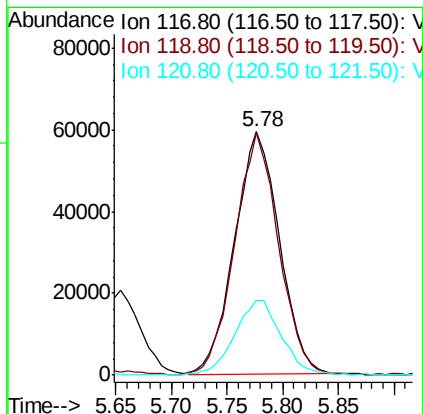
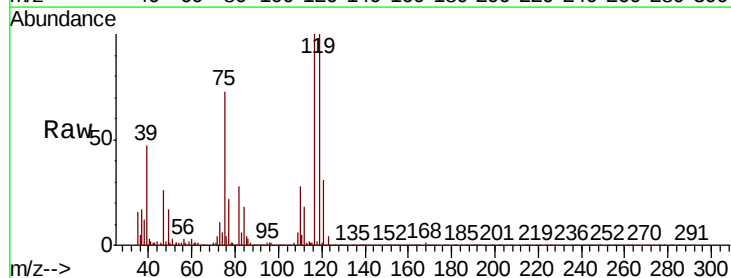
Instrument :
MSVOA_X
ClientSampled :

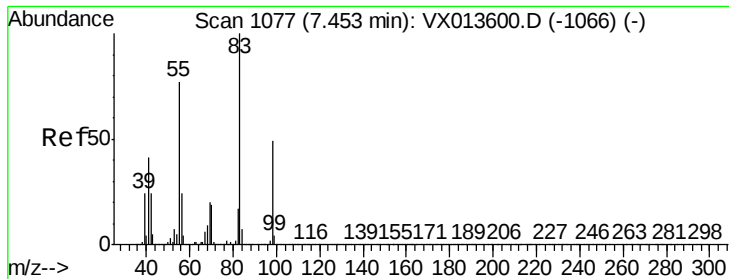
Tot Ion	43	Resp	209270
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	11.1	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.832 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	117	Resp	166163
Ion Ratio	Lower	Upper	
117	100		
119	99.4	77.5	116.3
121	30.6	25.0	37.6

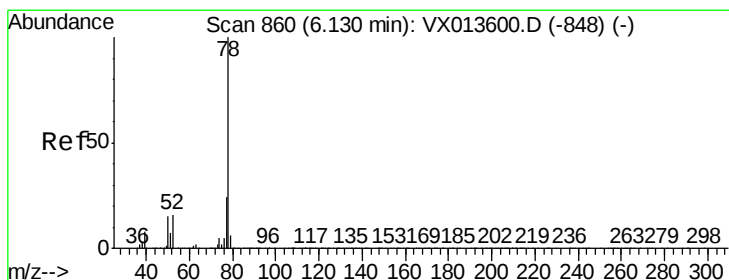
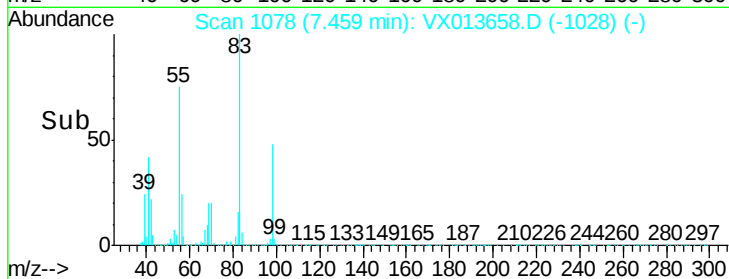
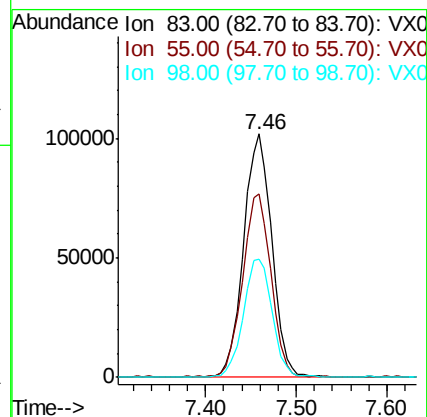
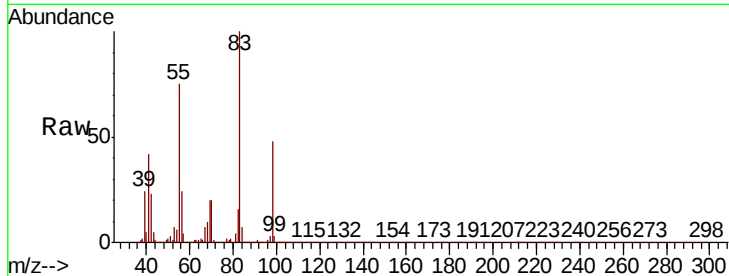




#39
Methvlcvclohexane
Concen: 19.454 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

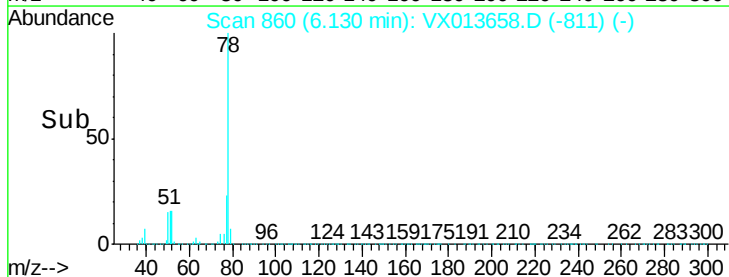
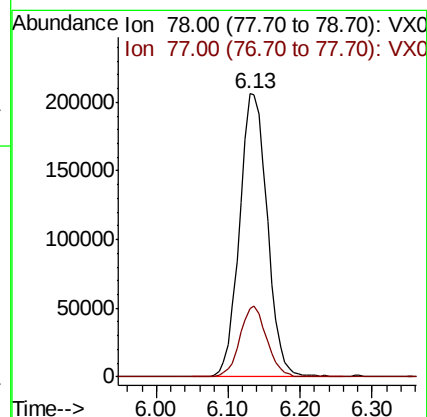
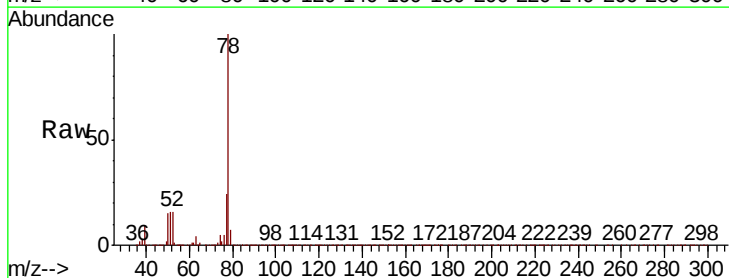
Instrument :
MSVOA_X
ClientSampleId :

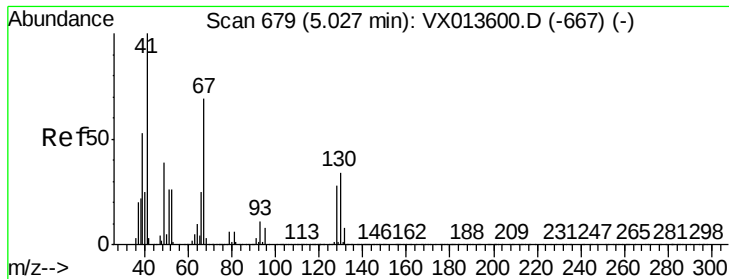
Tot Ion	83	Resp	218494
Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.9	92.9
98	48.2	39.4	59.0



#40
Benzene
Concen: 19.924 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	78	Resp	551385
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4

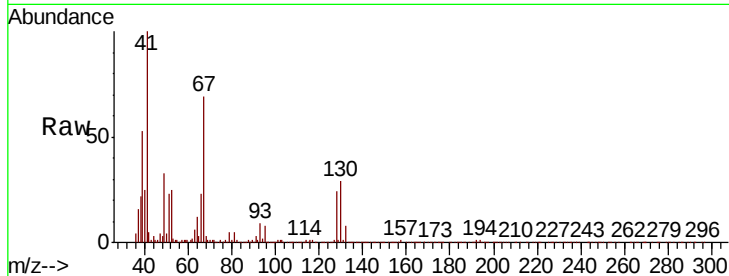




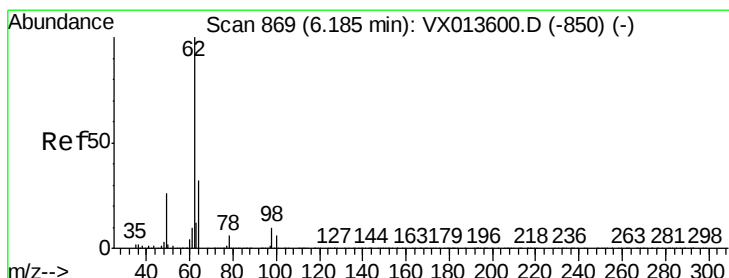
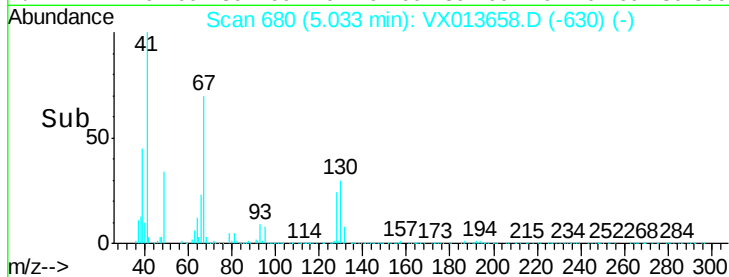
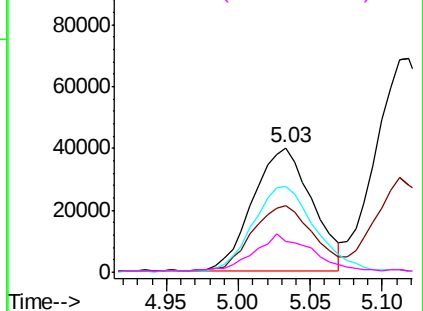
#41
Methacrylonitrile
Concen: 20.418 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	114145
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.9	64.3
67	72.4	57.4	86.0
52	29.7	22.4	33.6

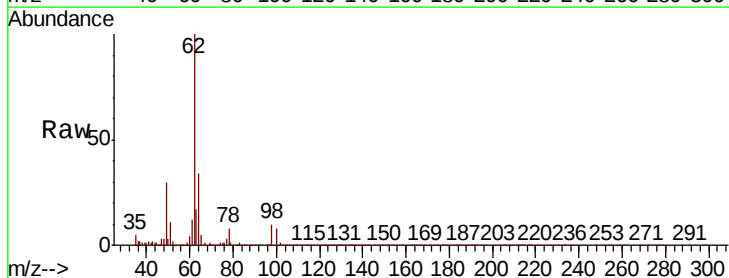


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

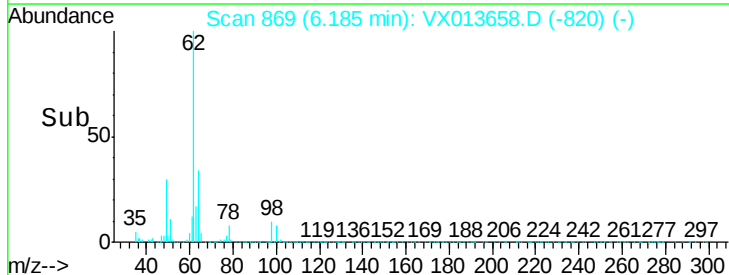
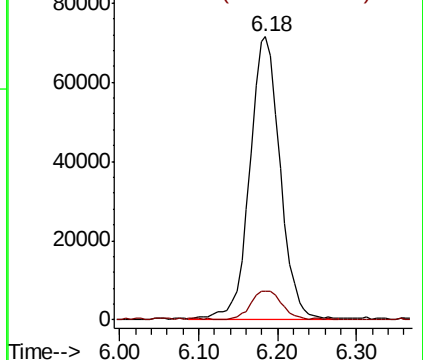


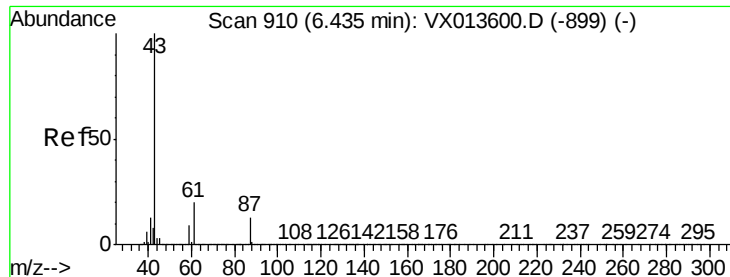
#42
1,2-Dichloroethane
Concen: 20.022 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion:	62	Resp:	188966
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



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



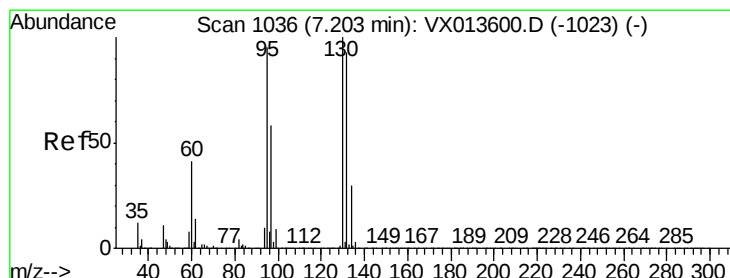
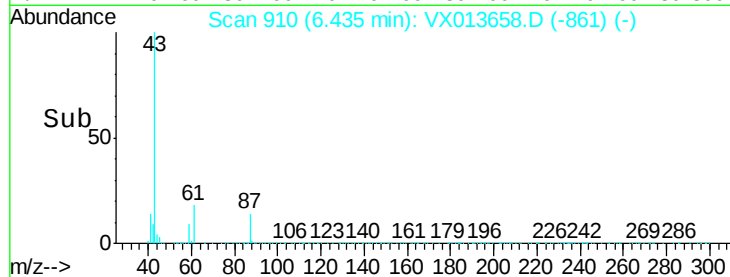
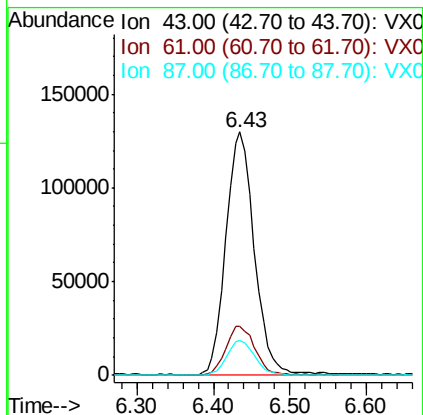
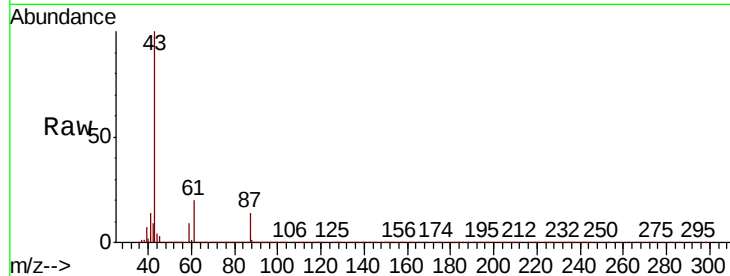


#43

Isopropyl Acetate
 Concen: 19.809 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :

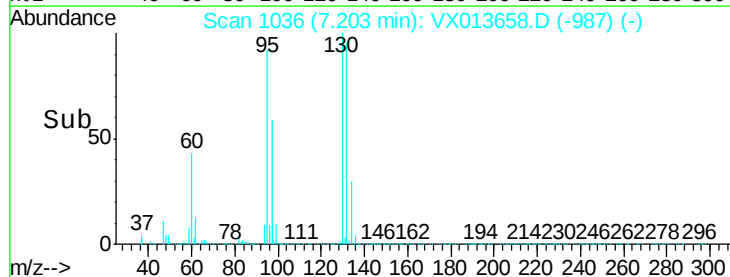
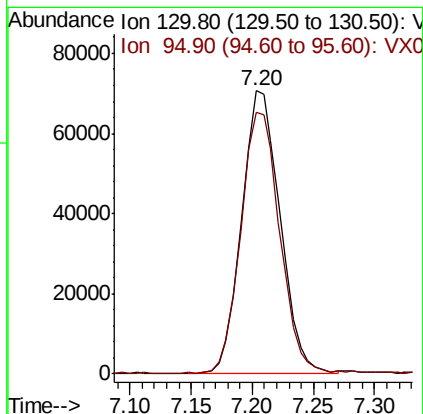
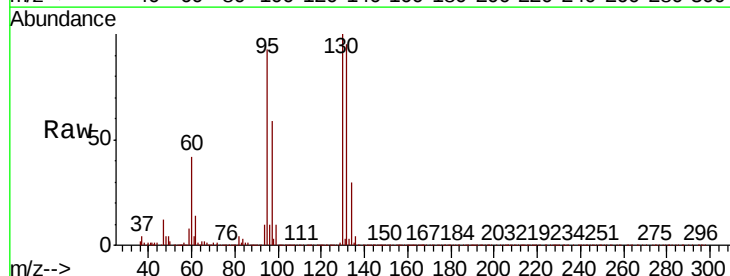
Tot Ion	43	Resp	332433
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.3	24.5
87	14.3	10.8	16.2



#44

Trichloroethene
 Concen: 20.363 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	130	Resp	154658
Ion Ratio	Lower	Upper	
130	100		
95	92.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.837 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

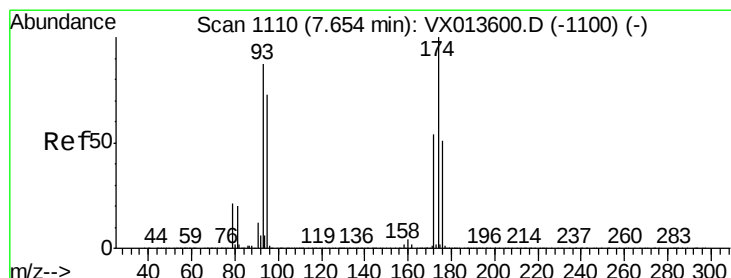
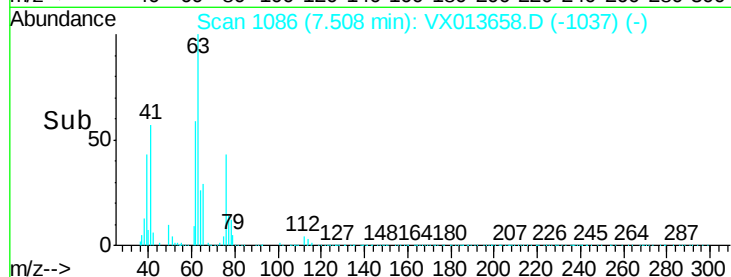
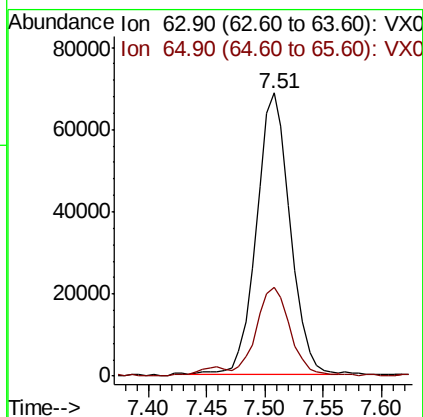
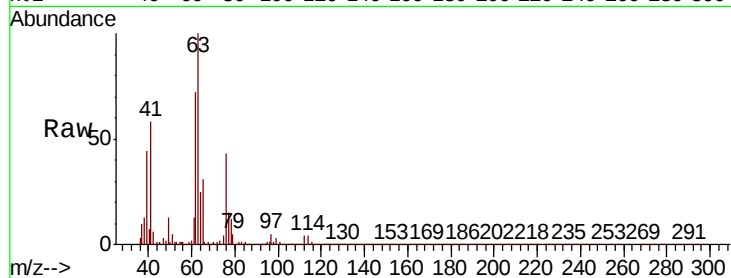
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 137351

Ion Ratio Lower Upper

63 100

65 31.1 25.5 38.3



#46

Dibromomethane

Concen: 19.739 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

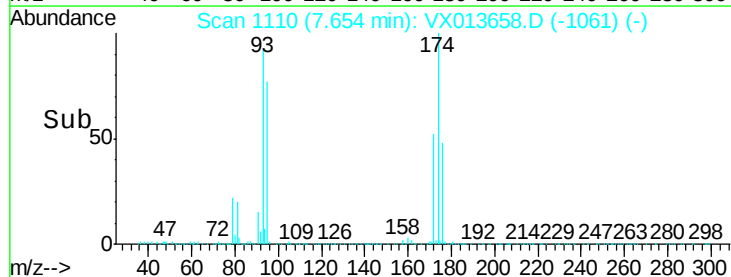
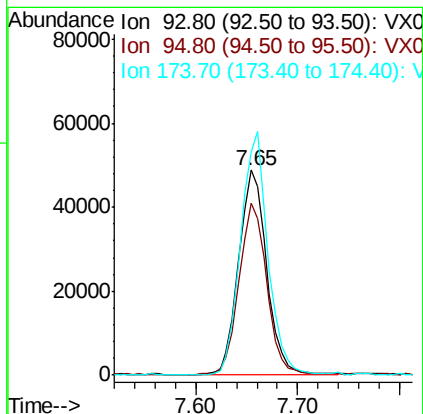
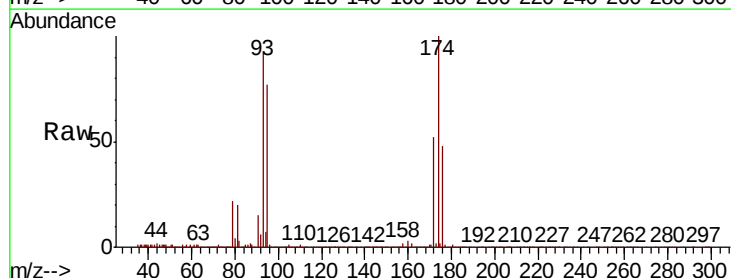
Tgt Ion: 93 Resp: 92825

Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.2

174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 19.500 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :

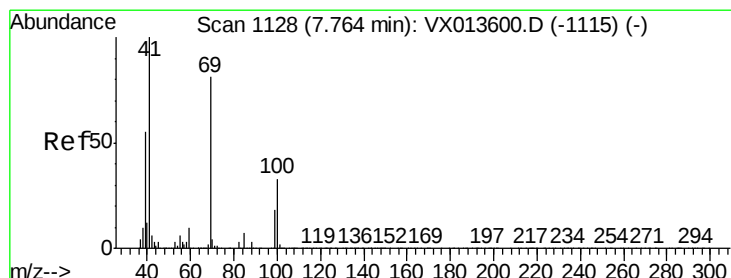
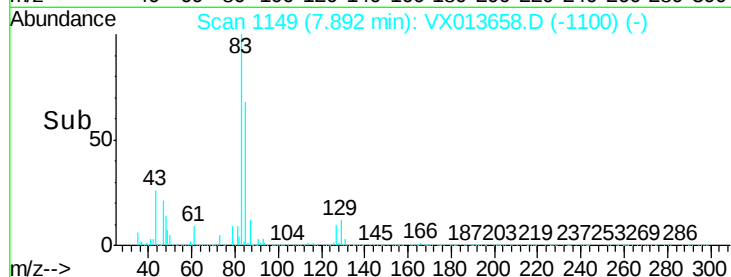
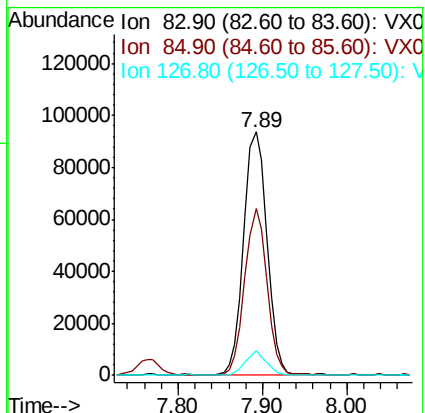
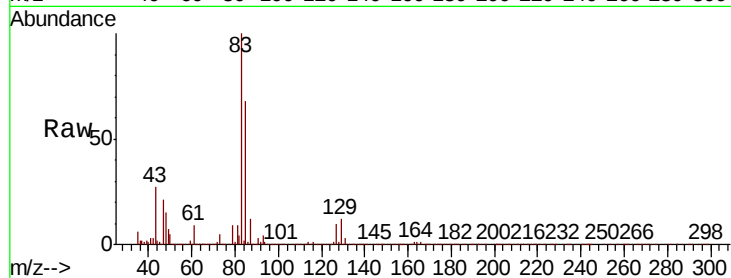
Tot Ion: 83 Resp: 173351

Ion Ratio Lower Upper

83 100

85 68.1 52.1 78.1

127 10.1 7.0 10.4



#48

Methyl methacrylate

Concen: 20.334 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

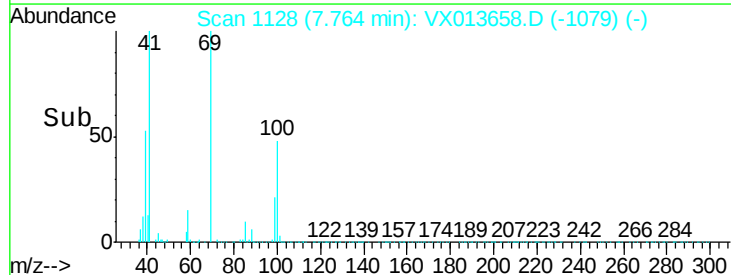
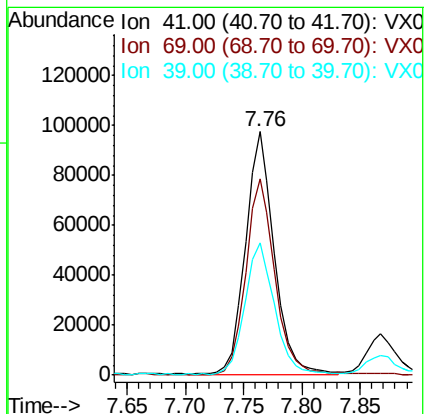
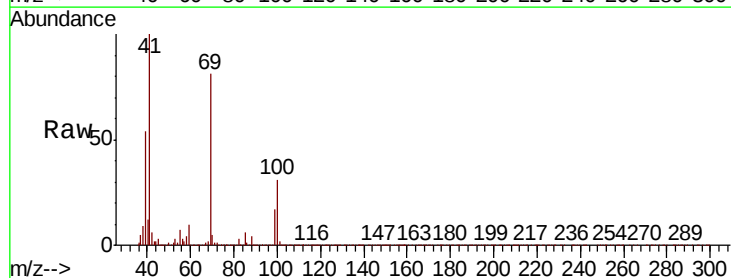
Tgt Ion: 41 Resp: 165796

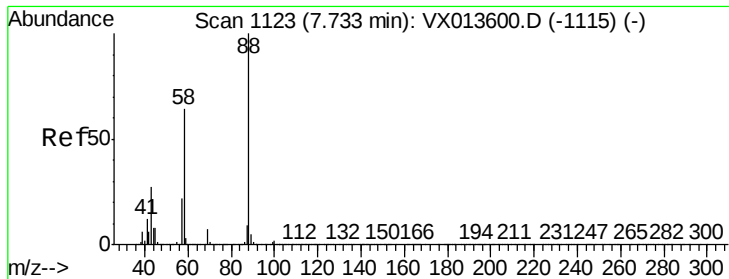
Ion Ratio Lower Upper

41 100

69 81.7 64.7 97.1

39 55.9 43.8 65.6





#49

1,4-Dioxane

Concen: 393.894 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :

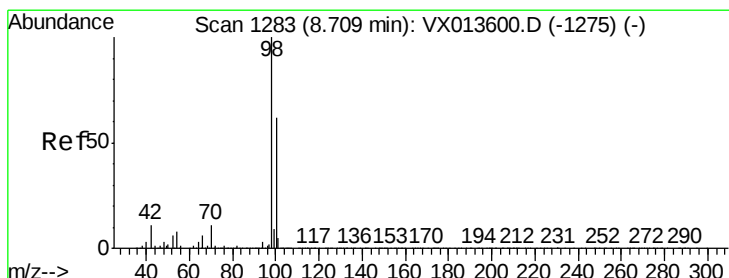
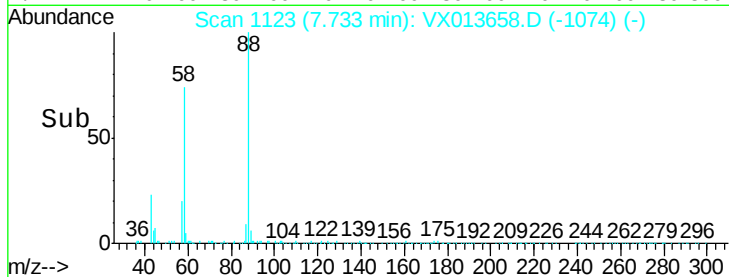
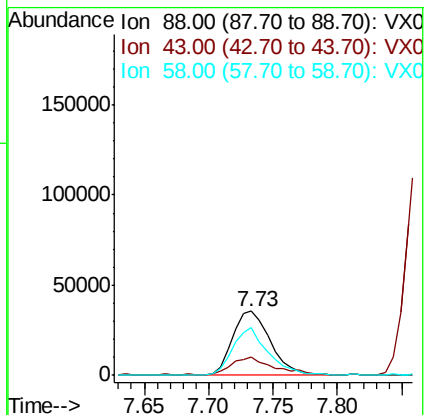
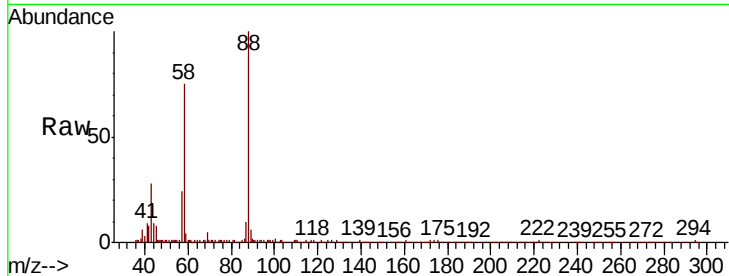
Tot Ion: 88 Resp: 71891

Ion Ratio Lower Upper

88 100

43 31.1 25.8 38.6

58 70.3 54.6 82.0



#50

Toluene-d8

Concen: 48.898 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013658.D

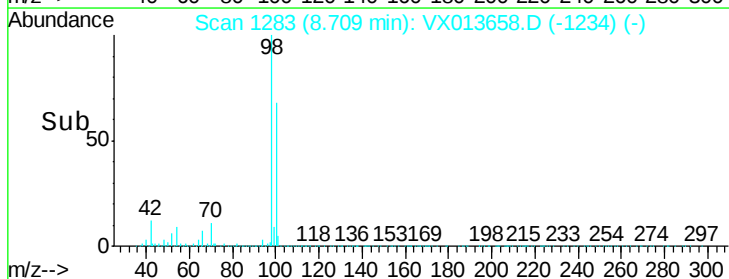
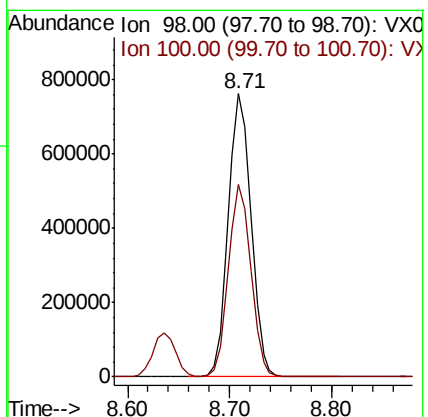
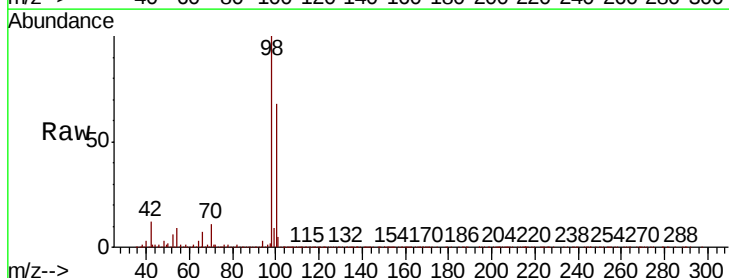
Acq: 27 Nov 2019 17:47

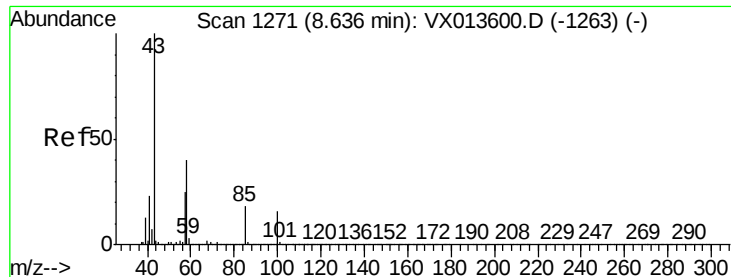
Tgt Ion: 98 Resp: 1178909

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 104.045 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

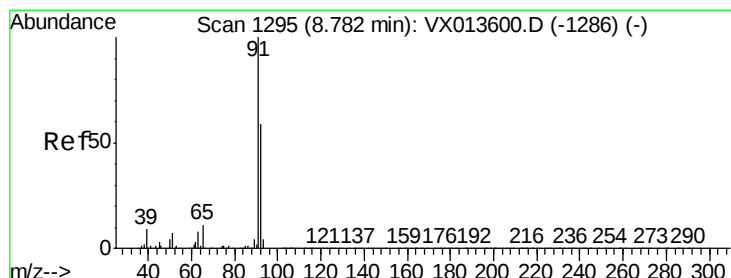
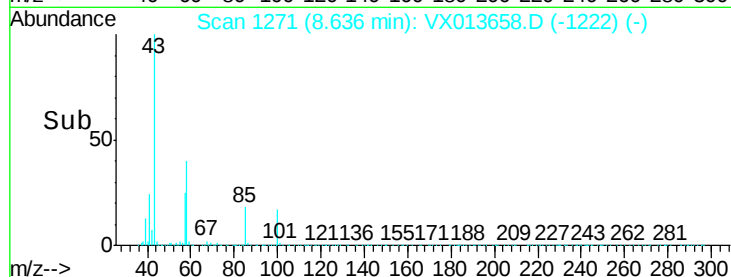
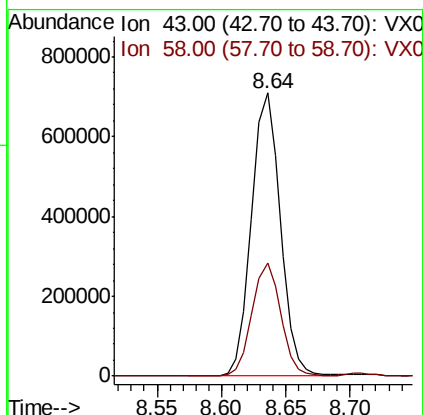
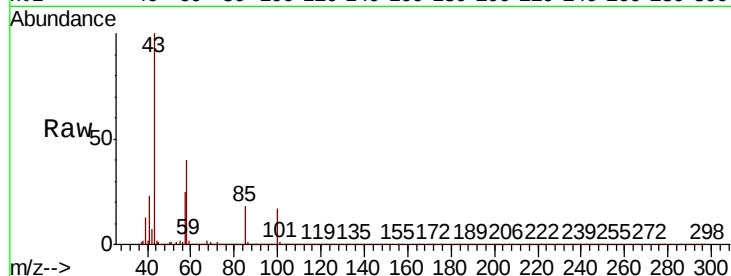
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1098300

Ion Ratio Lower Upper

43 100

58 39.6 32.1 48.1



#52

Toluene

Concen: 20.011 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013658.D

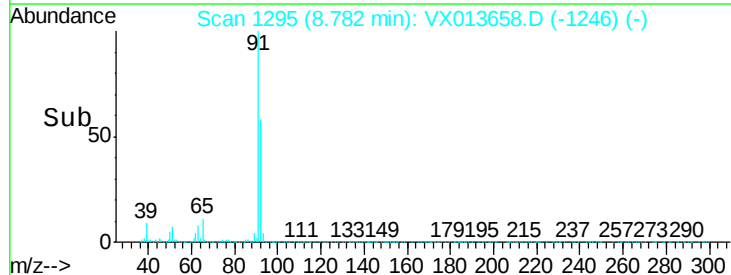
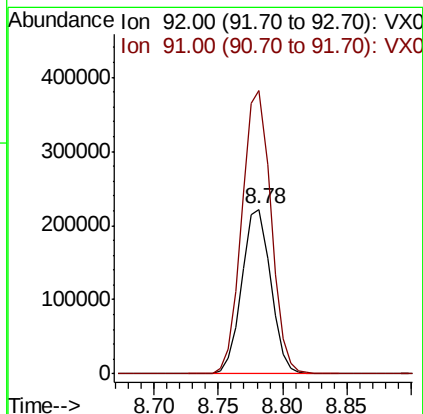
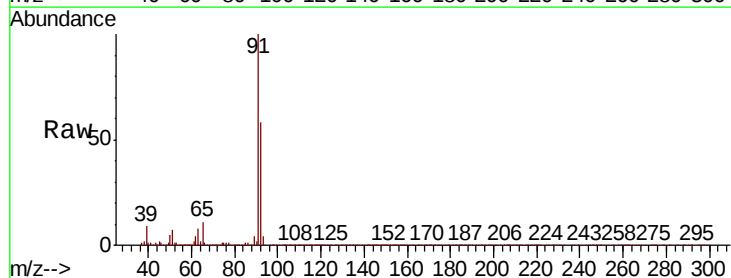
Acq: 27 Nov 2019 17:47

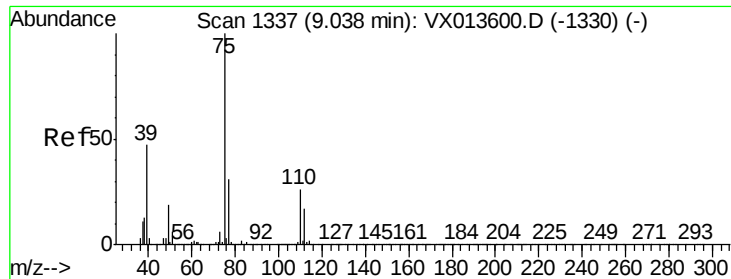
Tgt Ion: 92 Resp: 344040

Ion Ratio Lower Upper

92 100

91 173.2 136.2 204.2

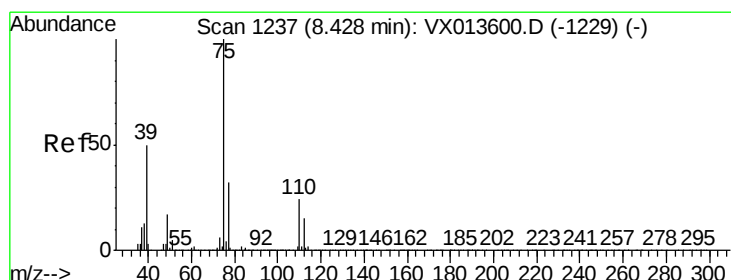
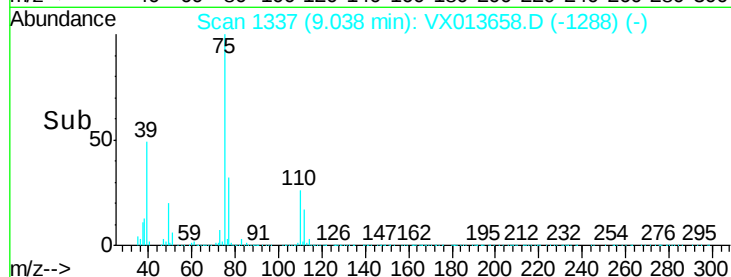
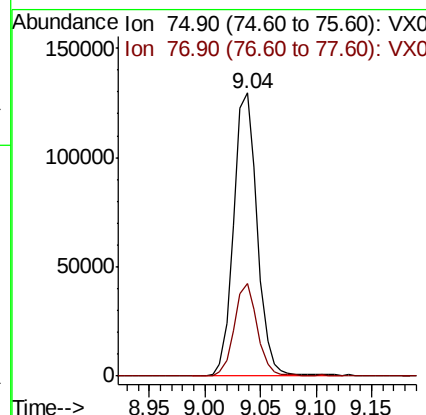
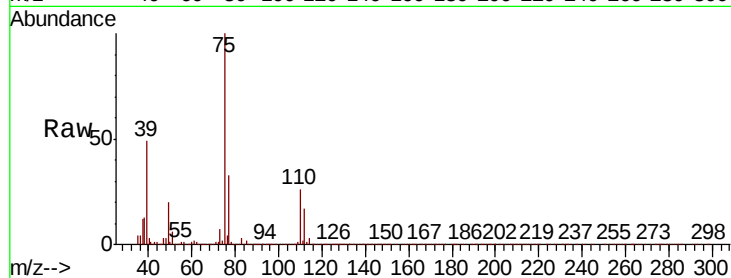




#53
t-1,3-Dichloropropene
Concen: 18.707 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

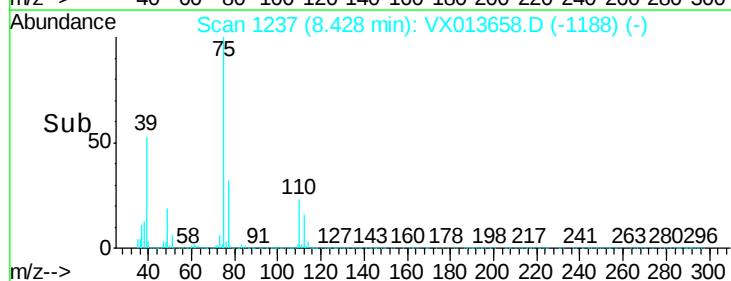
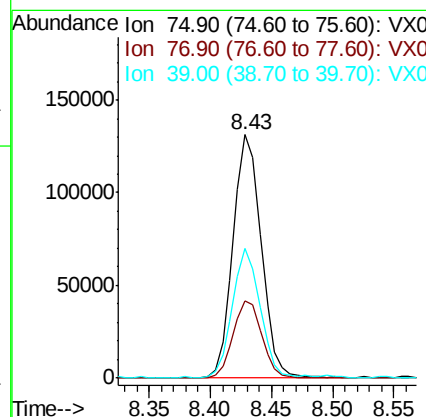
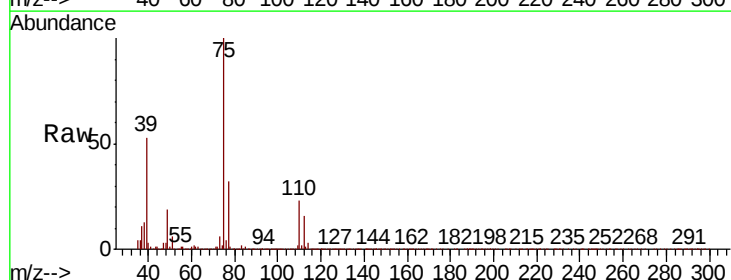
Instrument :
MSVOA_X
ClientSampled :

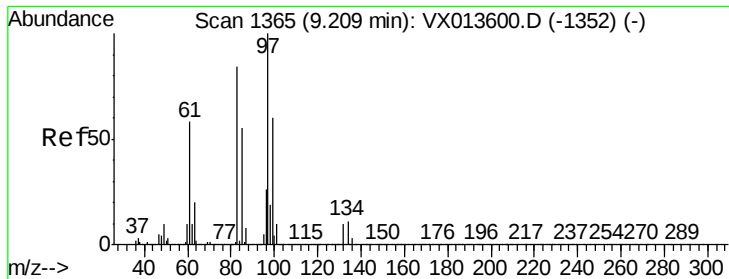
Tot Ion: 75 Resp: 189298
Ion Ratio Lower Upper
75 100
77 32.4 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 18.892 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion: 75 Resp: 208852
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 52.8 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.223 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 140109

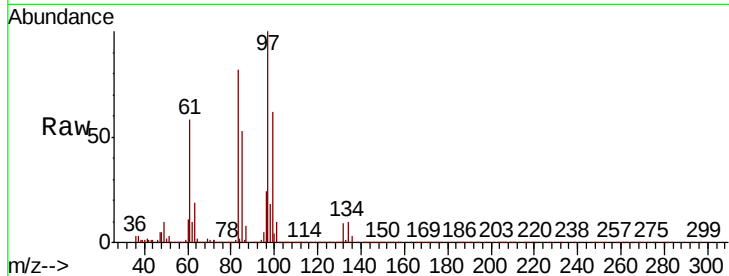
Ion Ratio Lower Upper

97 100

83 81.5 67.3 100.9

85 52.6 43.6 65.4

99 62.3 48.2 72.4

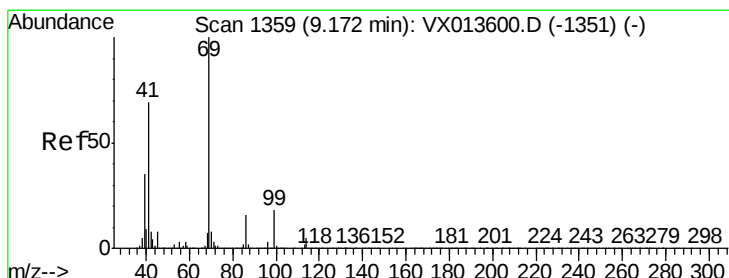
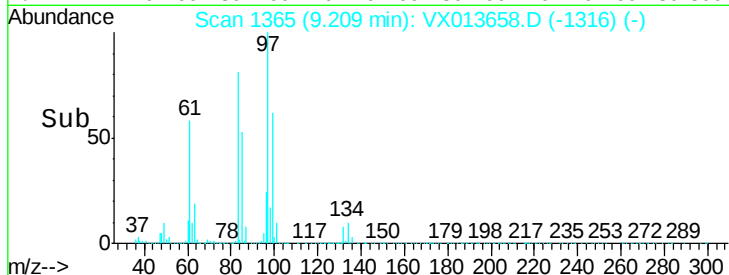
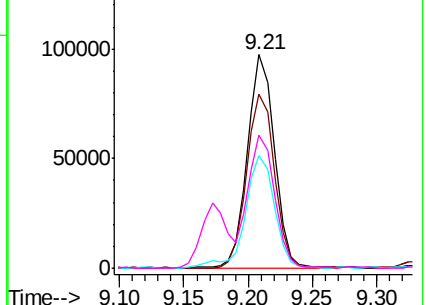


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.968 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

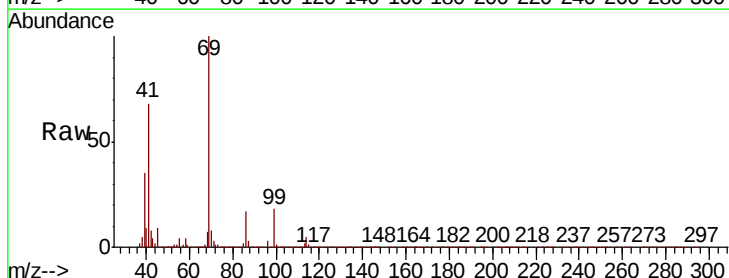
Tgt Ion: 69 Resp: 222412

Ion Ratio Lower Upper

69 100

41 68.5 55.0 82.4

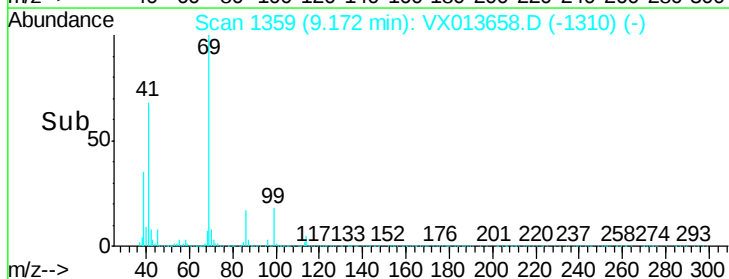
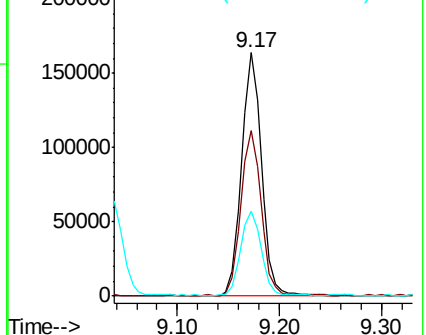
39 35.3 28.7 43.1

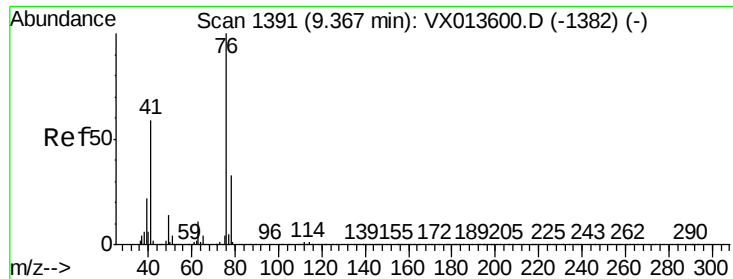


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.713 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

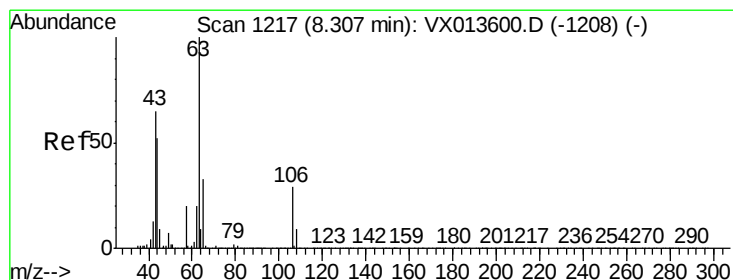
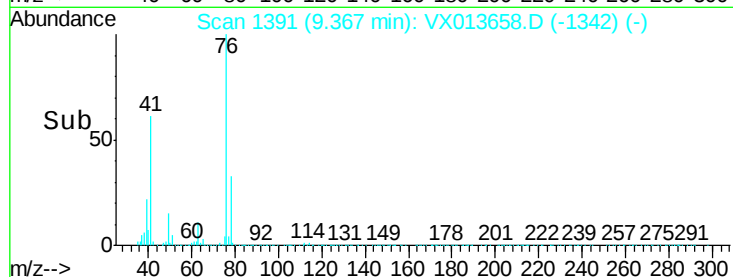
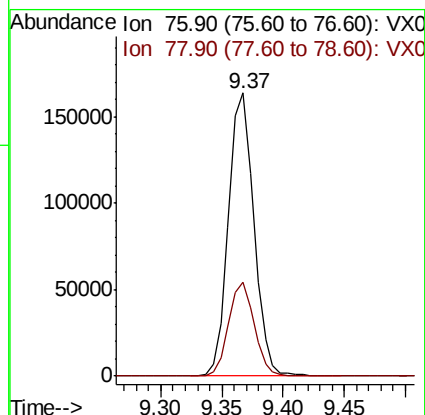
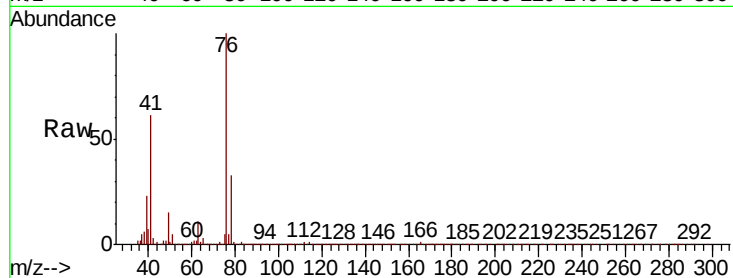
ClientSampleId :

Tot Ion: 76 Resp: 235403

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.250 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013658.D

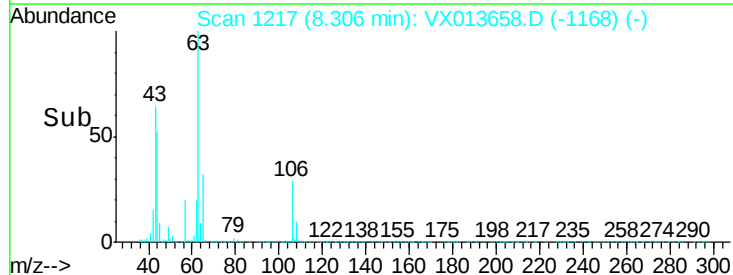
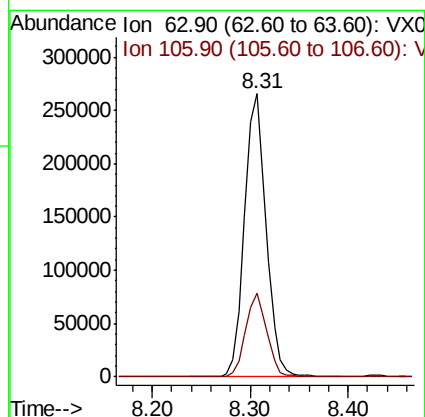
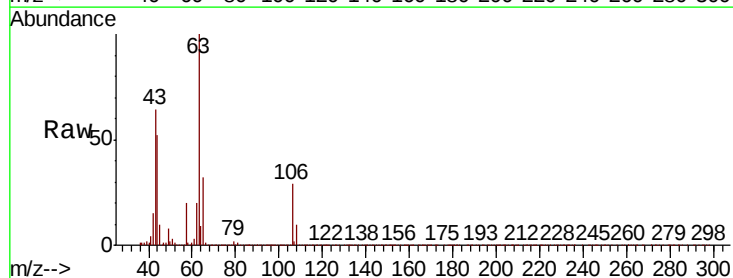
Acq: 27 Nov 2019 17:47

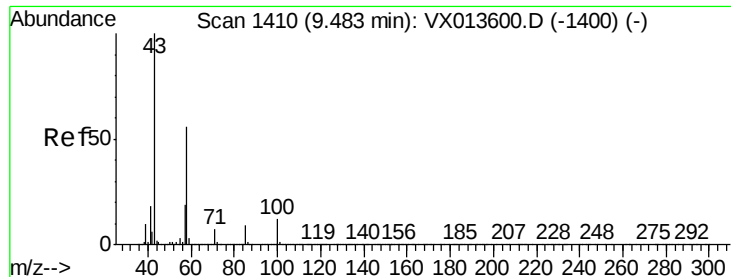
Tgt Ion: 63 Resp: 407239

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.0

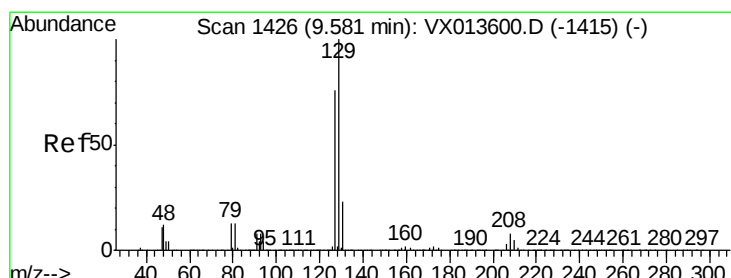
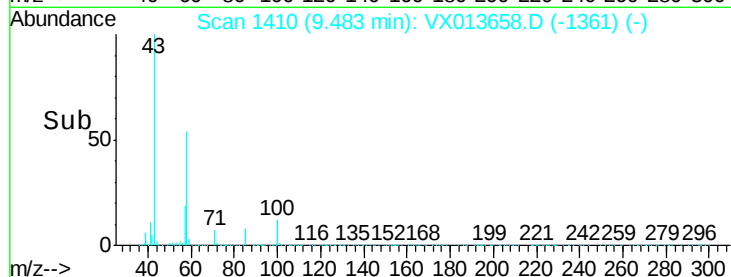
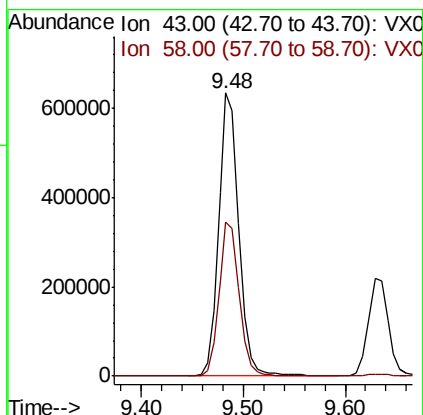
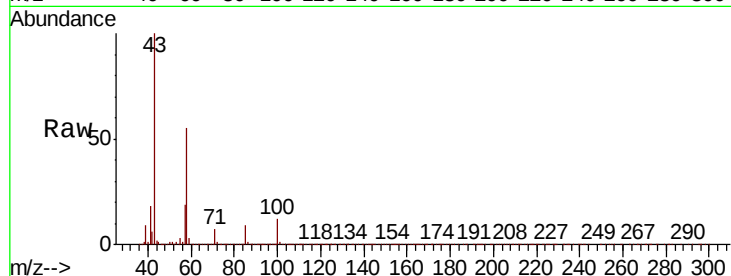




#59
2-Hexanone
Concen: 106.331 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

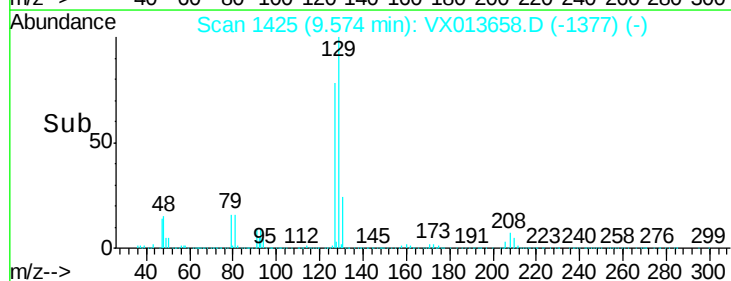
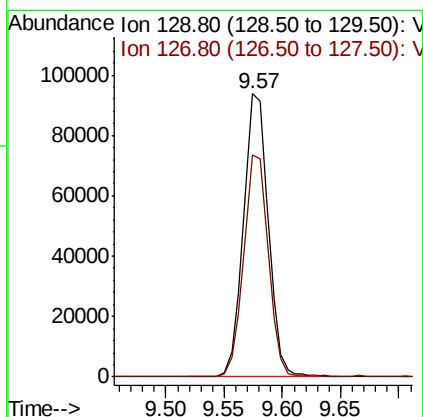
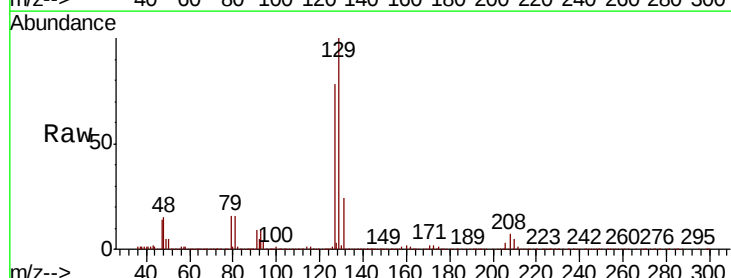
Instrument :
MSVOA_X
ClientSampleId :

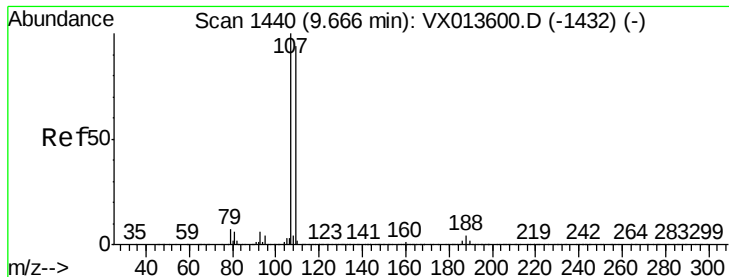
Tot Ion: 43 Resp: 875416
Ion Ratio Lower Upper
43 100
58 55.0 28.1 84.4



#60
Dibromochloromethane
Concen: 19.585 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion: 129 Resp: 140812
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.107 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

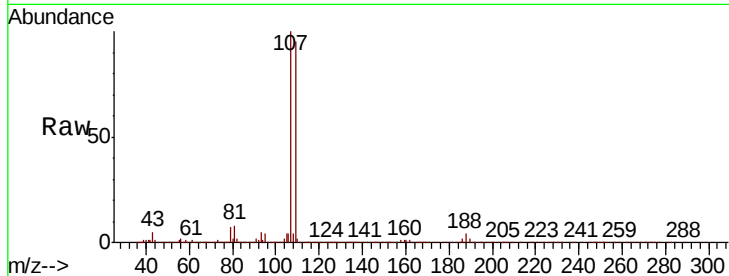
ClientSampleId :

Tot Ion:107 Resp: 148778

Ion Ratio Lower Upper

107 100

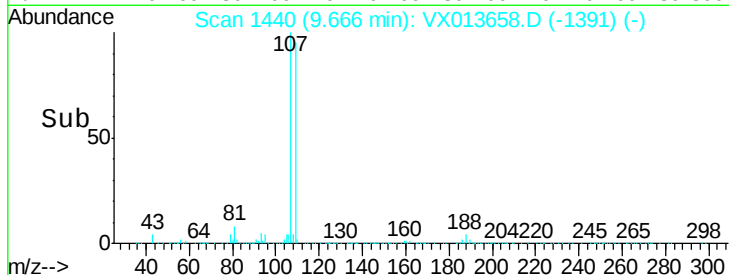
109 94.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



120000

100000

80000

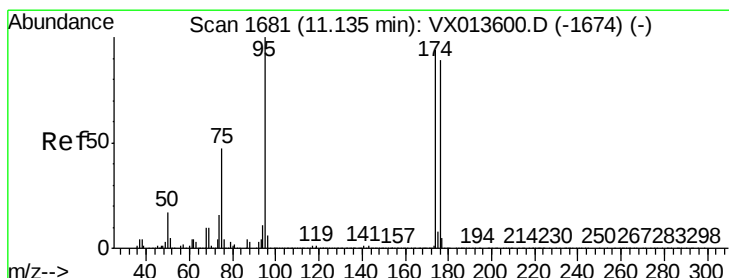
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.574 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

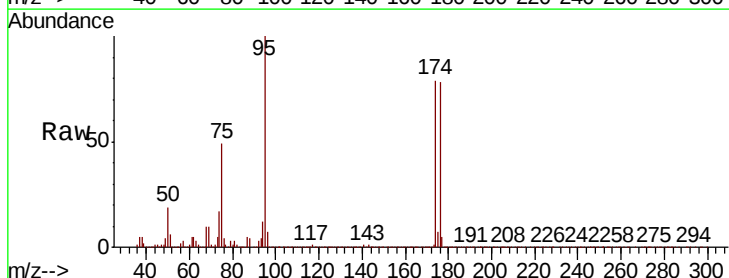
Tgt Ion: 95 Resp: 422302

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.0

176 86.4 0.0 173.6

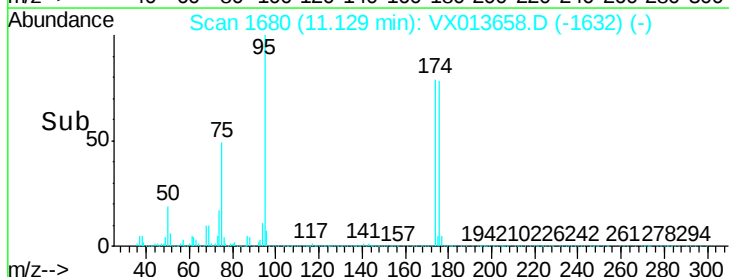


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13



400000

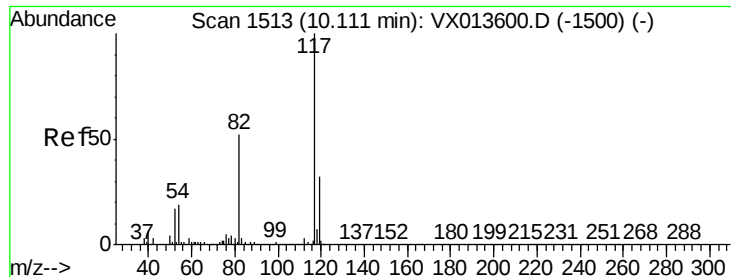
300000

200000

100000

0

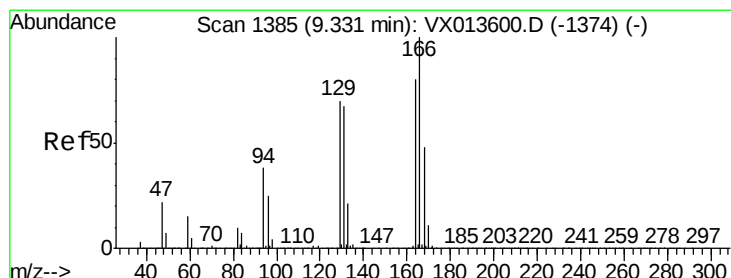
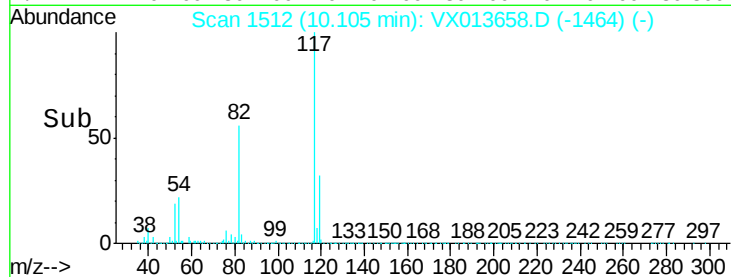
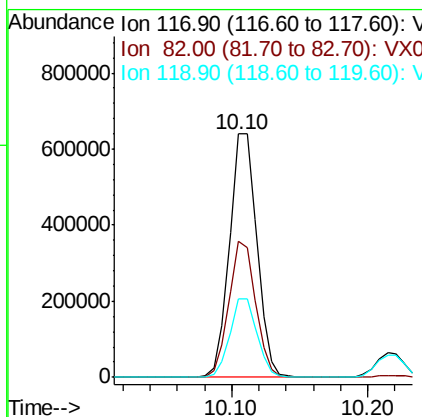
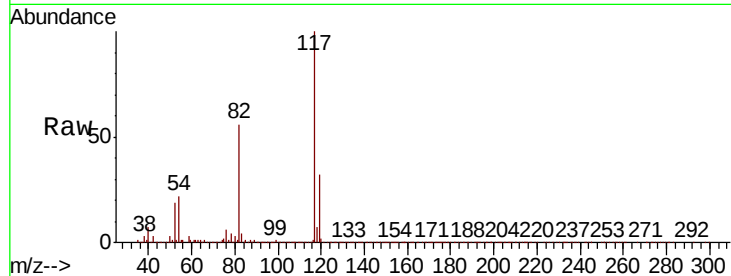
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

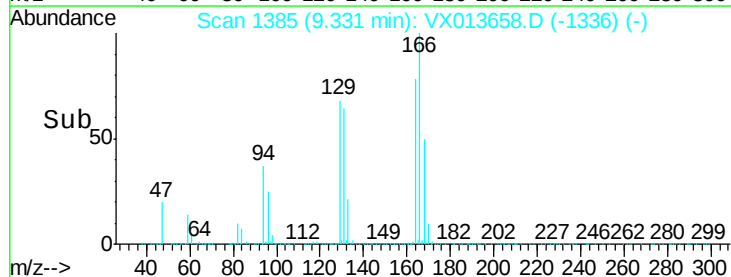
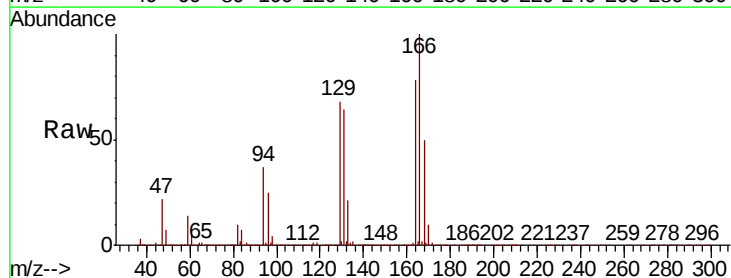
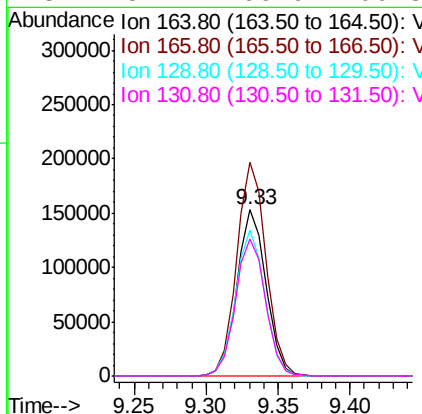
Instrument :
MSVOA_X
ClientSampleId :

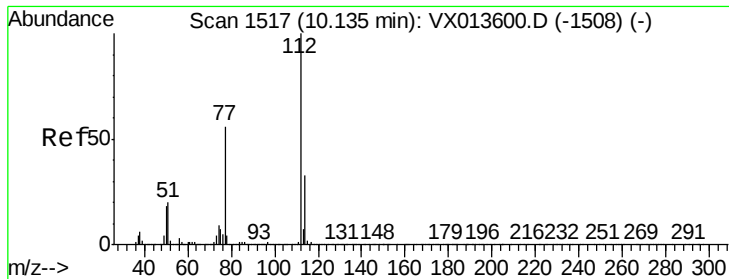
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.8	62.8
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 32.191 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	99.7	149.5
129	87.5	70.1	105.1
131	82.7	66.9	100.3

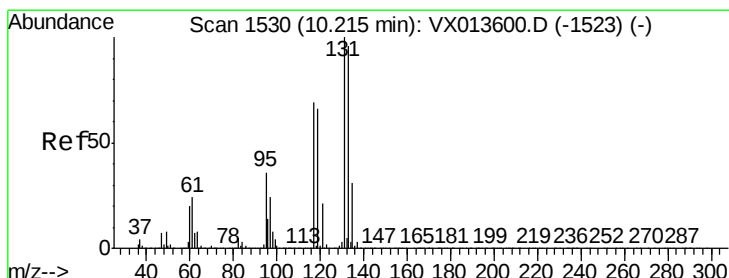
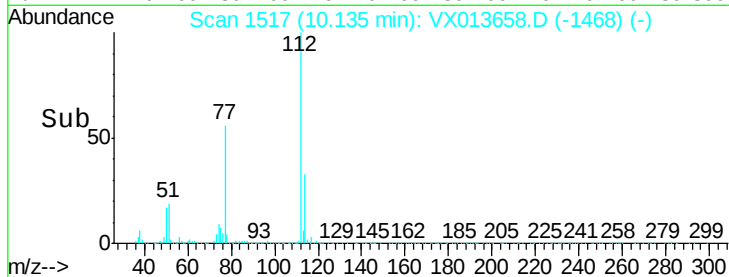
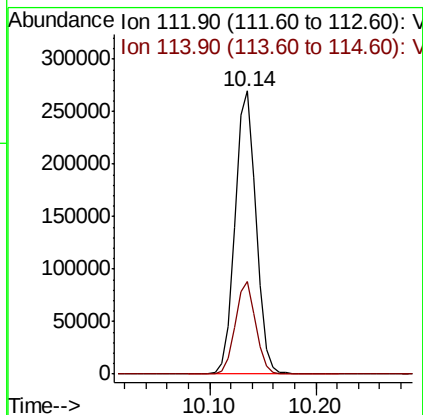
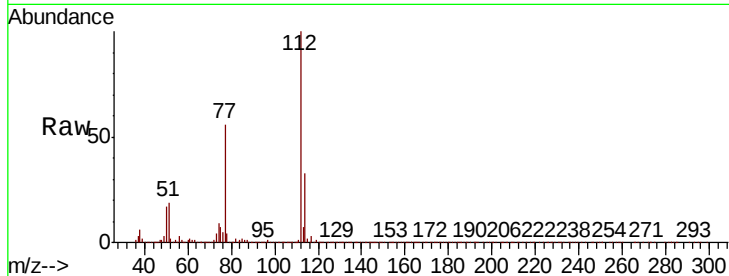




#65
Chlorobenzene
Concen: 19.983 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

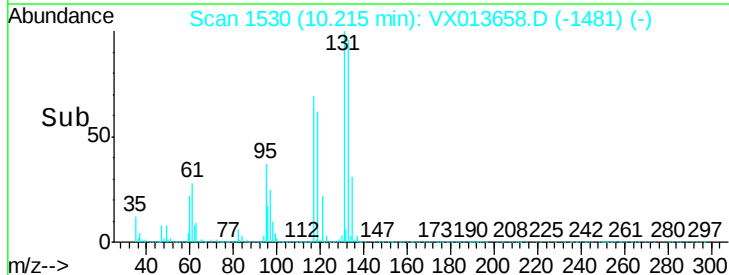
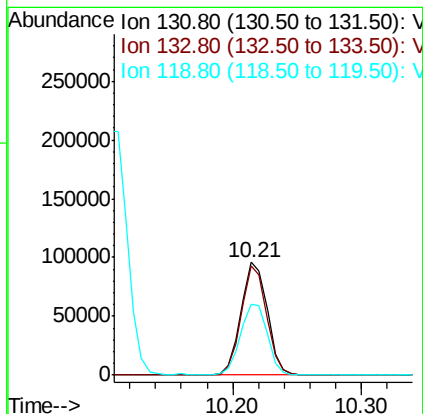
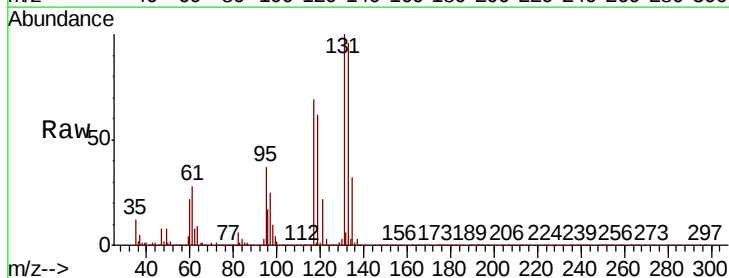
Instrument :
MSVOA_X
ClientSampleId :

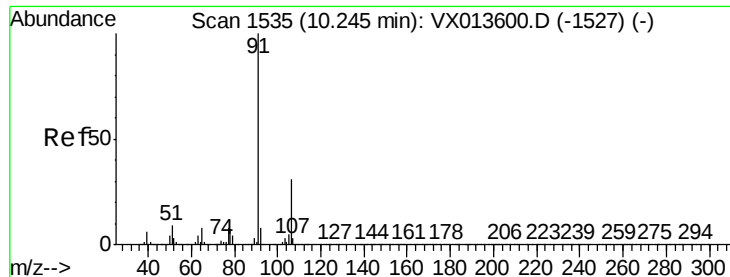
Tot Ion:112 Resp: 372967
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.140 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion:131 Resp: 134981
Ion Ratio Lower Upper
131 100
133 93.2 47.7 143.1
119 63.7 32.9 98.6





#67

Ethyl Benzene

Concen: 20.169 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

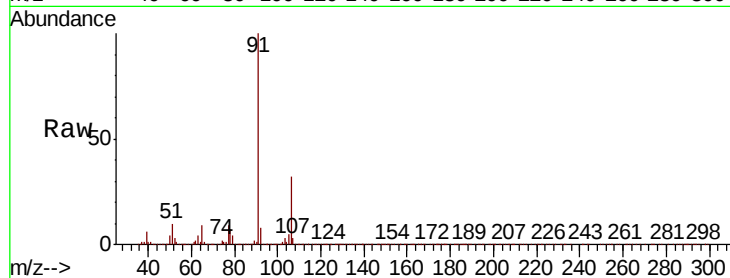
ClientSampleId :

Tot Ion: 91 Resp: 646873

Ion Ratio Lower Upper

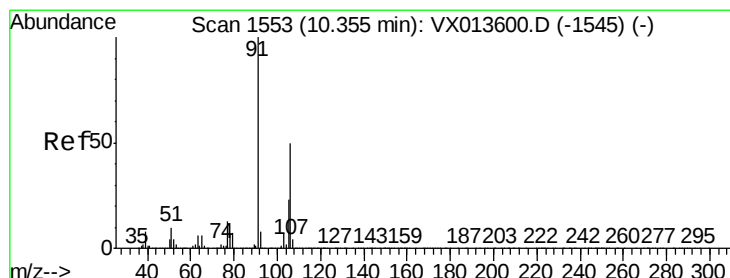
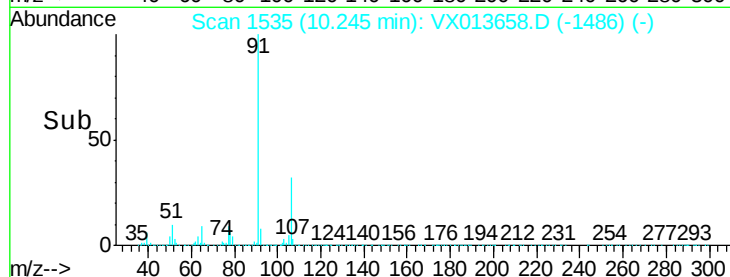
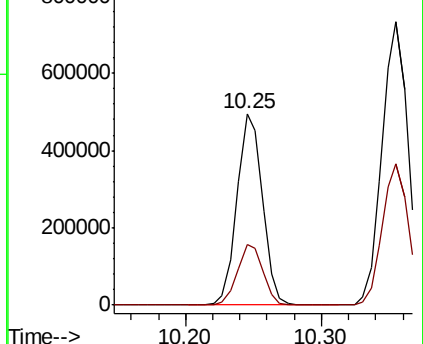
91 100

106 31.7 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.008 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013658.D

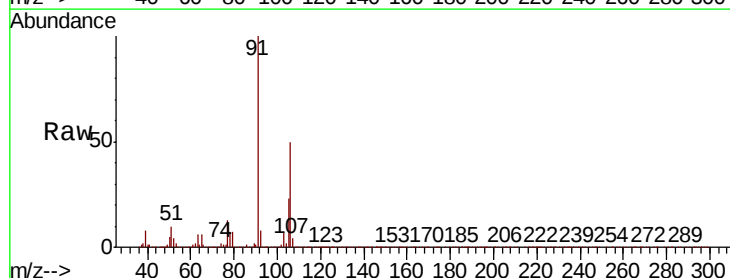
Acq: 27 Nov 2019 17:47

Tgt Ion: 106 Resp: 491257

Ion Ratio Lower Upper

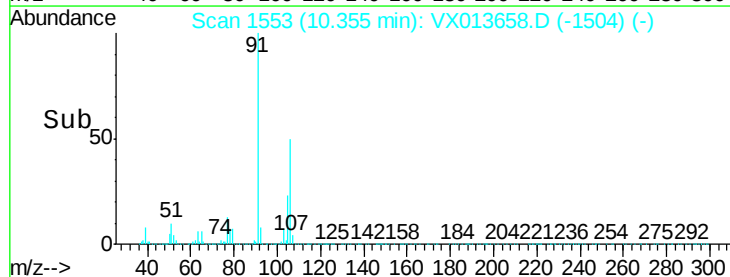
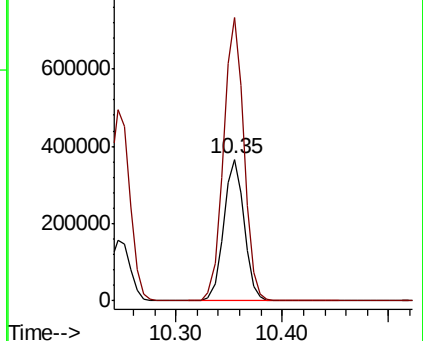
106 100

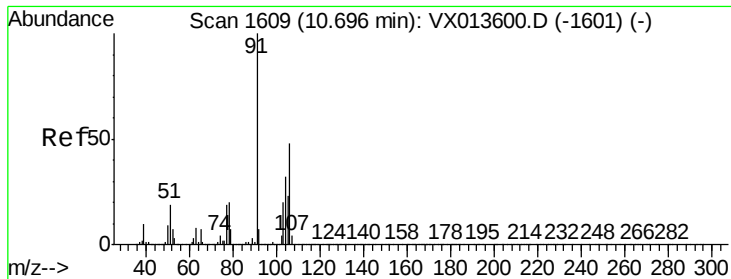
91 200.3 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

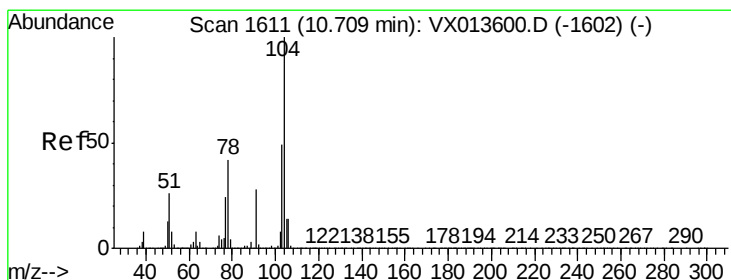
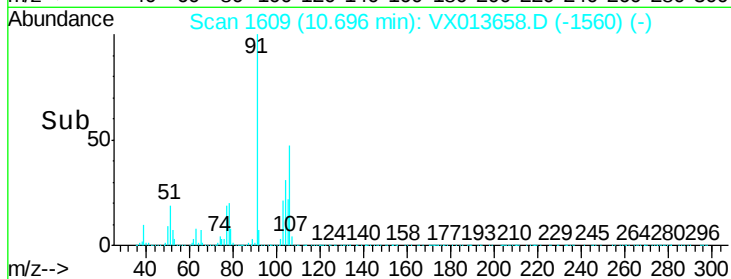
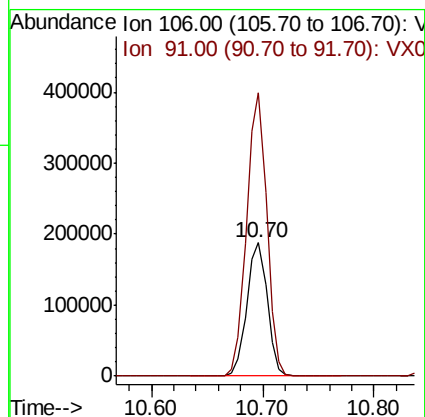
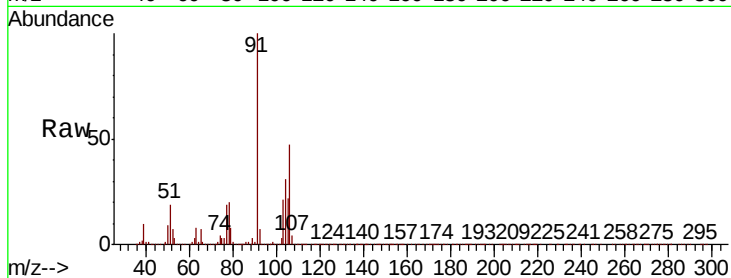




#69
o-Xylene
Concen: 19.937 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

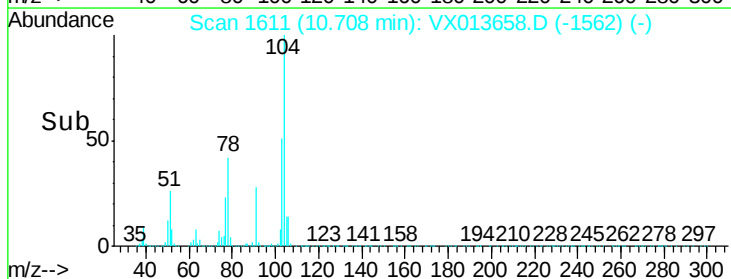
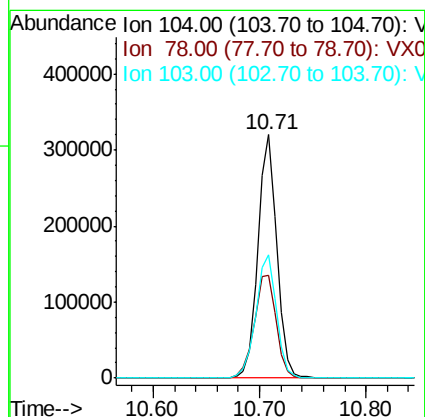
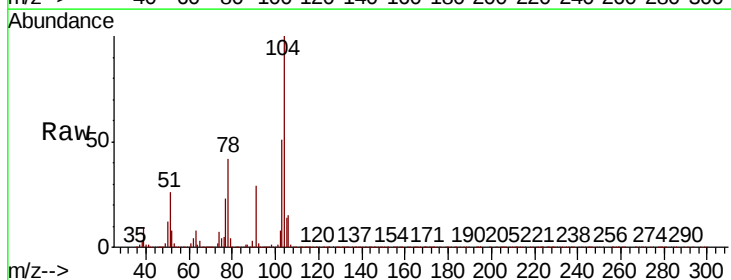
Instrument :
MSVOA_X
ClientSampleId :

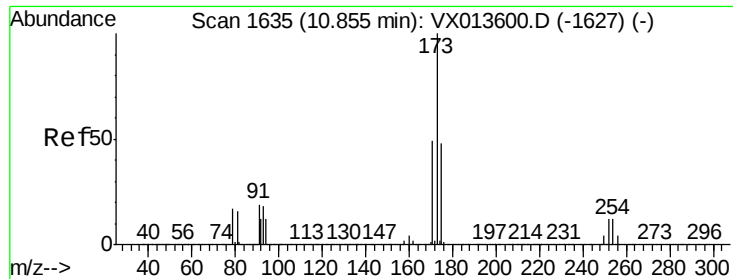
Tot Ion:106 Resp: 238756
Ion Ratio Lower Upper
106 100
91 210.7 104.1 312.2



#70
Styrene
Concen: 19.867 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion:104 Resp: 400214
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 55.4 43.7 65.5





#71

Bromoform

Concen: 19.188 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

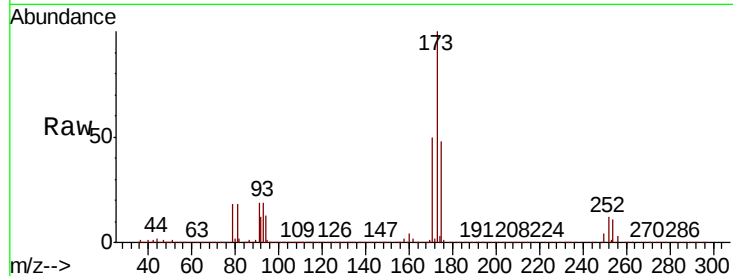
Tot Ion:173 Resp: 106408

Ion Ratio Lower Upper

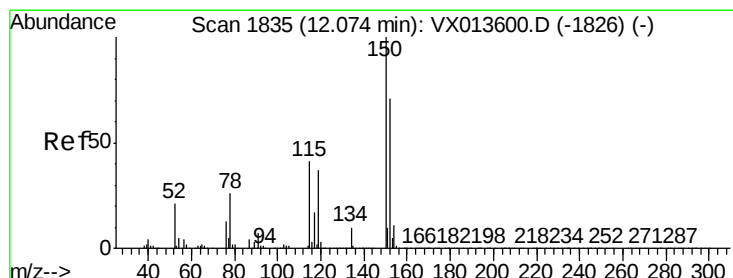
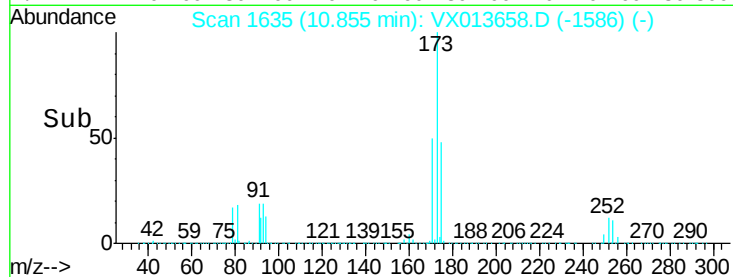
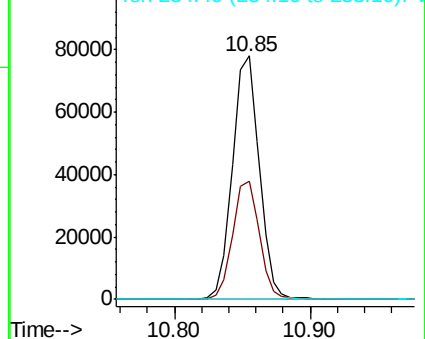
173 100

175 48.5 24.3 72.8

254 0.3 0.2 0.4



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: VX013658.D

Acq: 27 Nov 2019 17:47

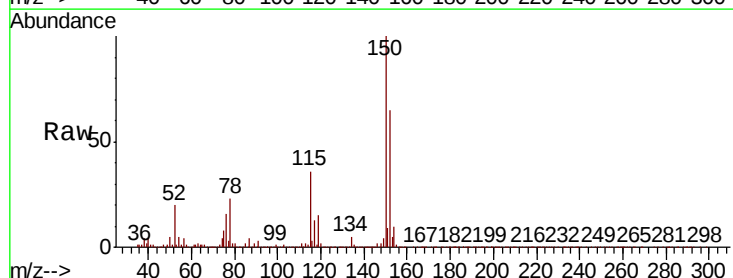
Tgt Ion:152 Resp: 448738

Ion Ratio Lower Upper

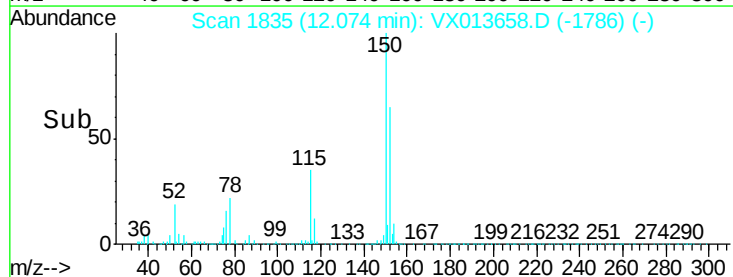
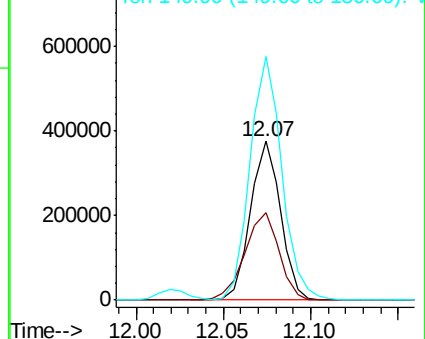
152 100

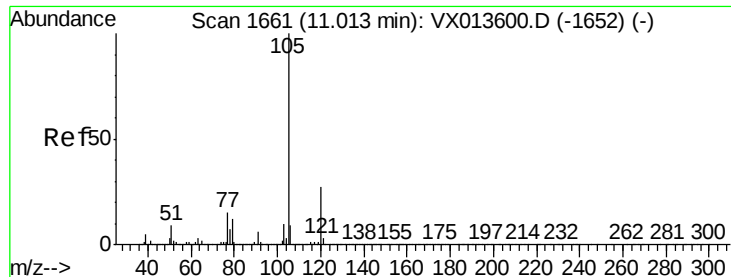
115 62.9 38.4 115.1

150 162.8 0.0 346.8



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





#73

Isopropylbenzene

Concen: 19.907 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

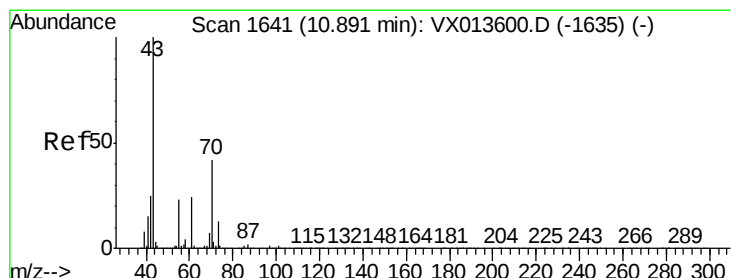
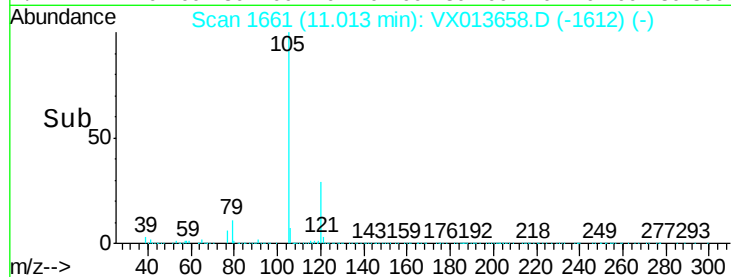
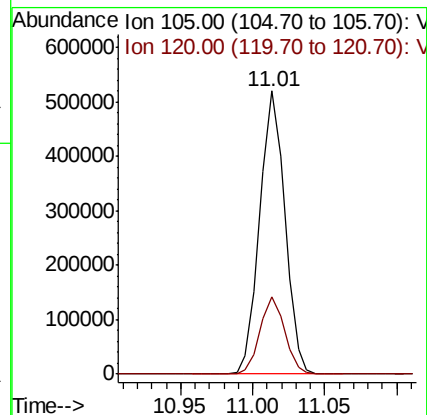
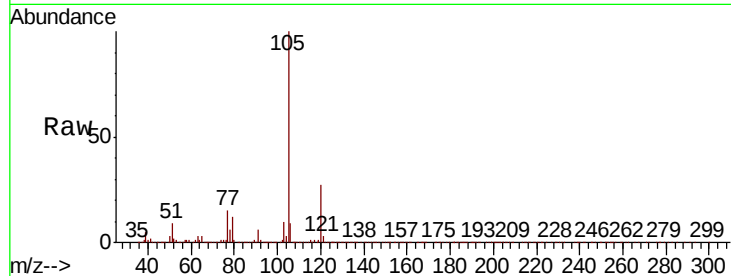
ClientSampled :

Tot Ion:105 Resp: 626618

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.621 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion: 43 Resp: 282918

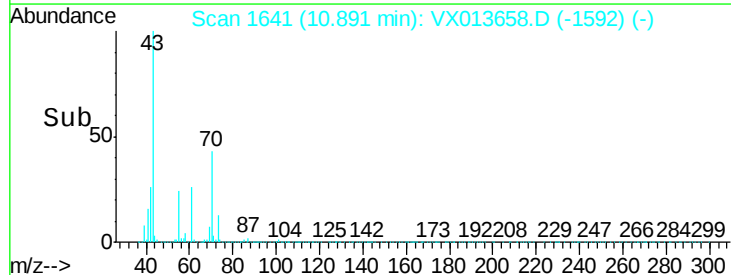
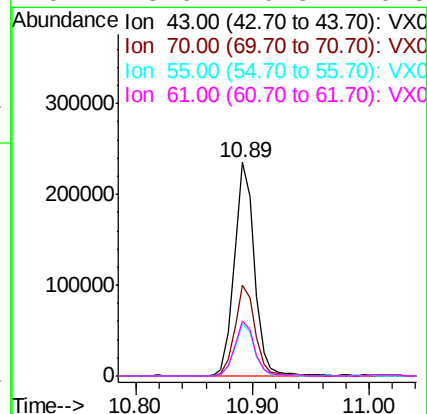
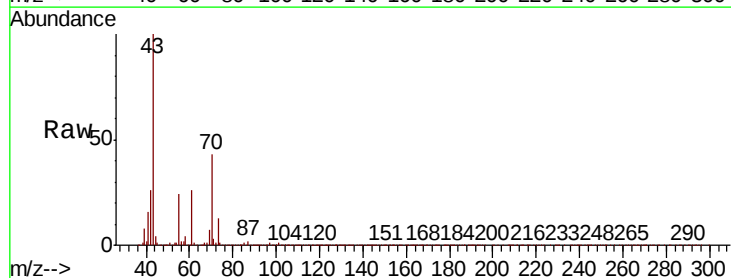
Ion Ratio Lower Upper

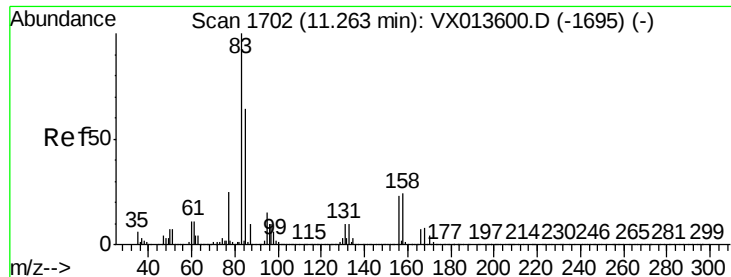
43 100

70 42.5 34.3 51.5

55 23.6 18.5 27.7

61 25.6 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.929 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

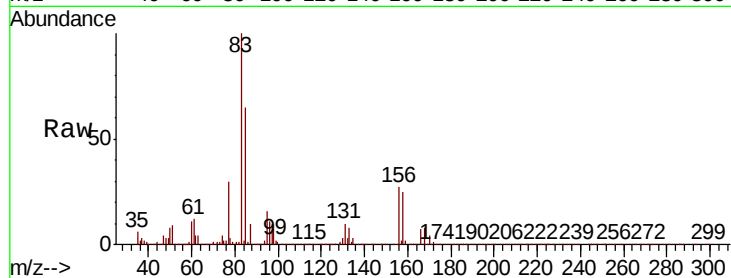
Tot Ion: 83 Resp: 206627

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

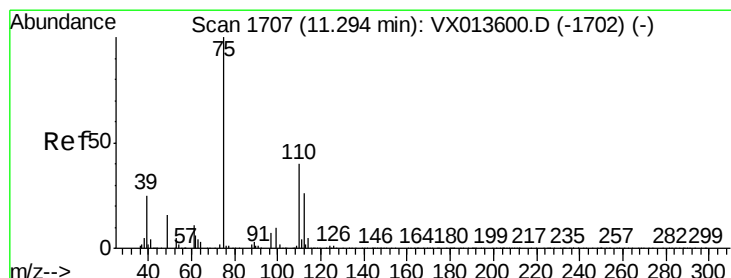
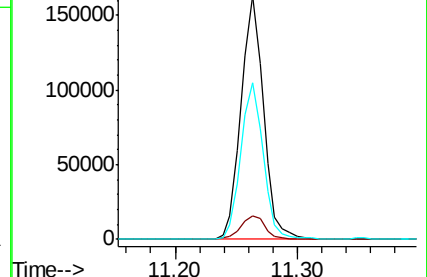
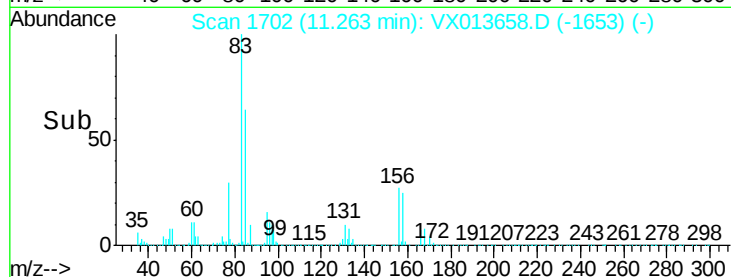
85 63.9 31.8 95.3



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: 24.244 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013658.D

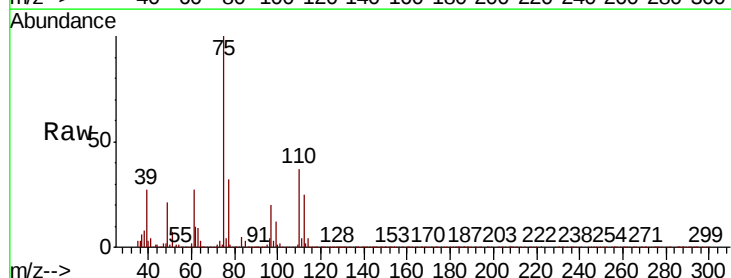
Acq: 27 Nov 2019 17:47

Tgt Ion: 75 Resp: 244694

Ion Ratio Lower Upper

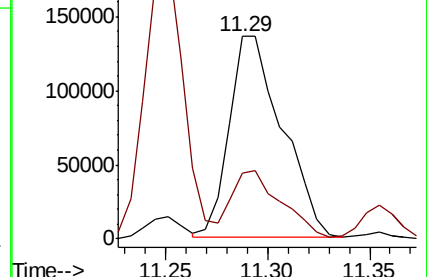
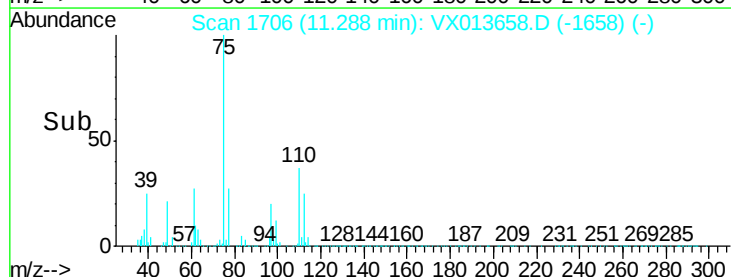
75 100

77 31.2 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.681 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

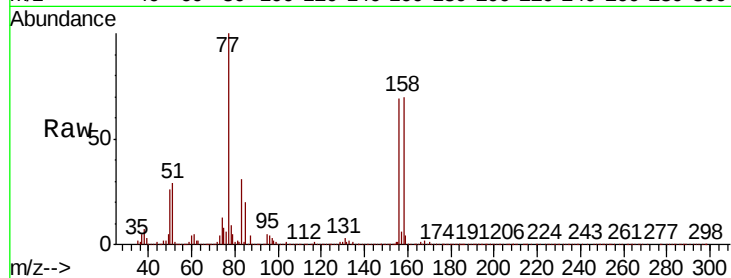
Tot Ion:156 Resp: 167360

Ion Ratio Lower Upper

156 100

77 149.3 74.4 223.1

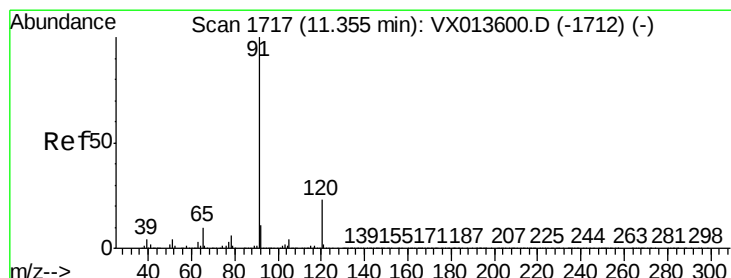
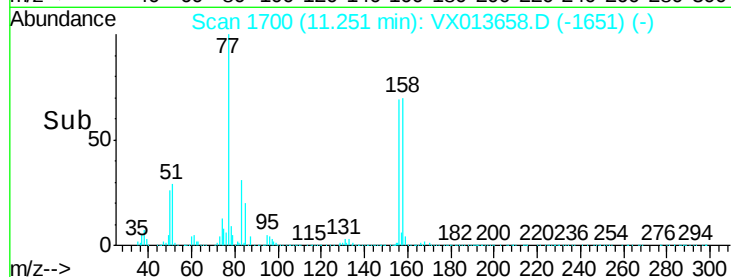
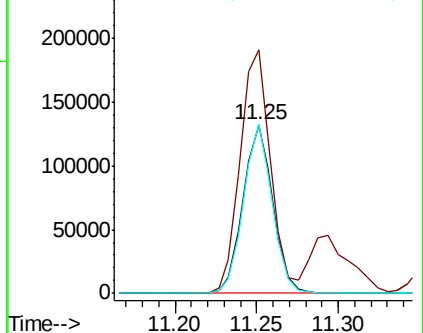
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.348 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013658.D

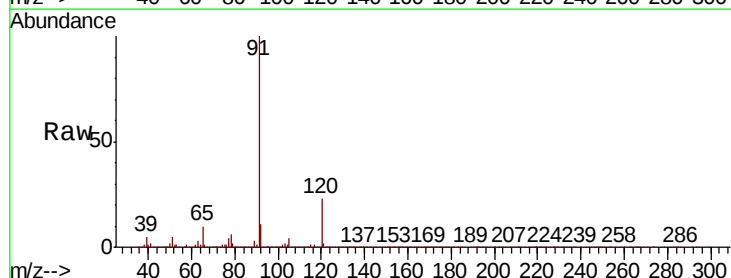
Acq: 27 Nov 2019 17:47

Tgt Ion: 91 Resp: 715012

Ion Ratio Lower Upper

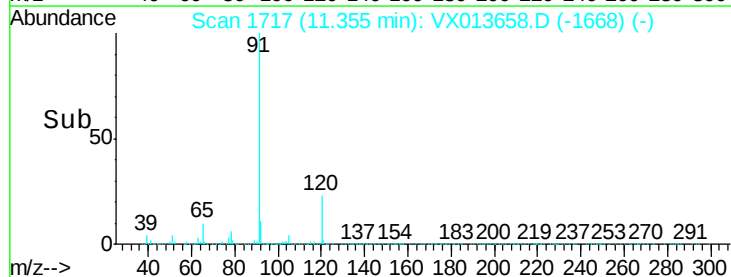
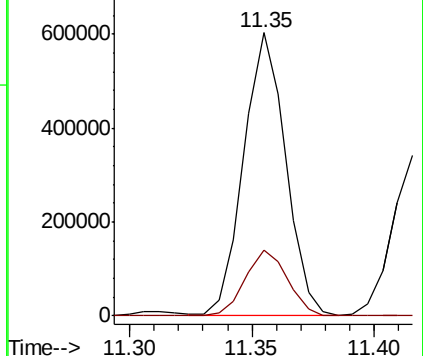
91 100

120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.982 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

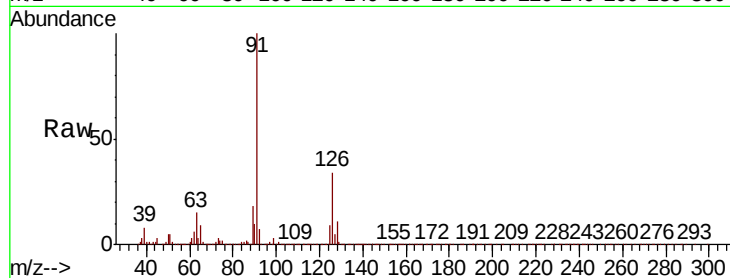
ClientSampleId :

Tot Ion: 91 Resp: 421196

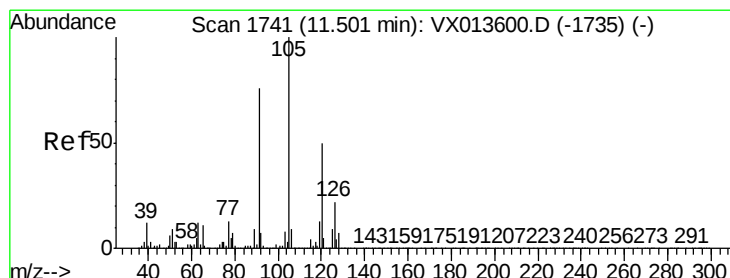
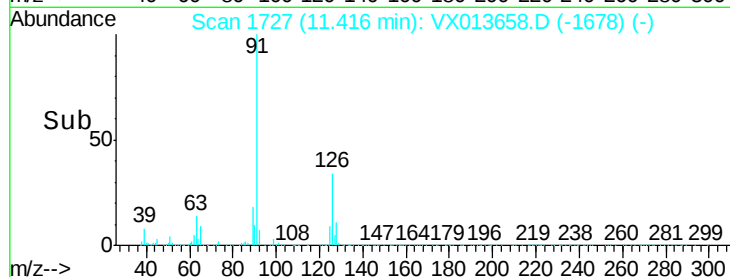
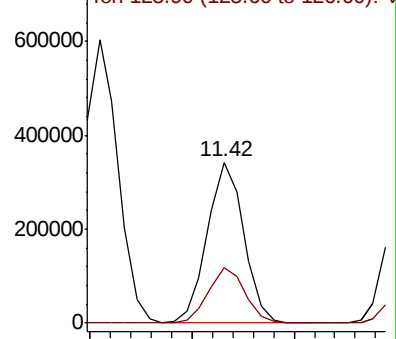
Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013658.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.475 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013658.D

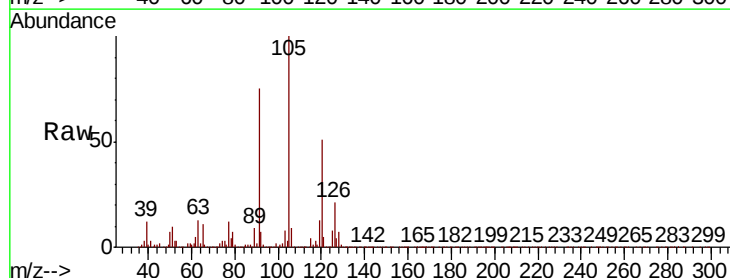
Acq: 27 Nov 2019 17:47

Tgt Ion: 105 Resp: 528224

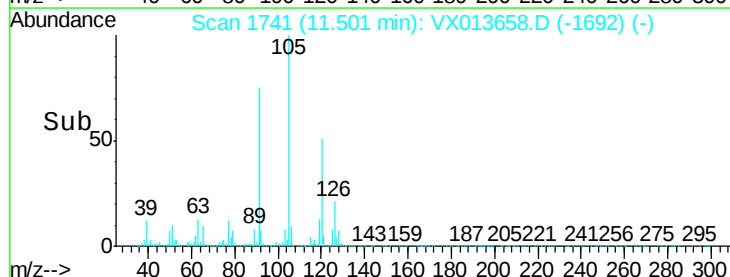
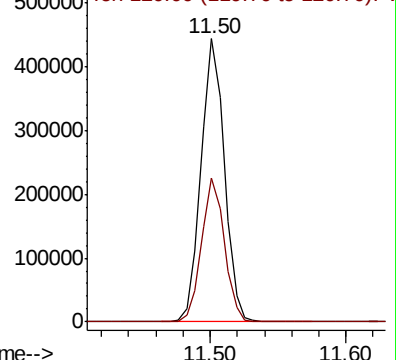
Ion Ratio Lower Upper

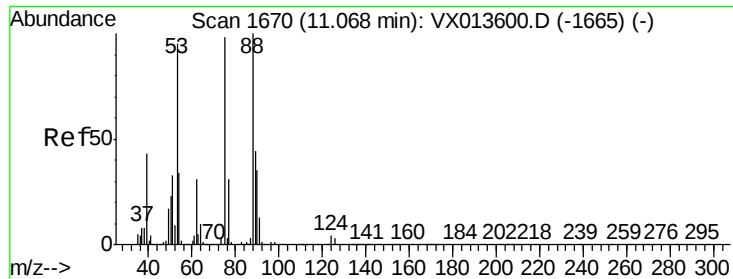
105 100

120 49.5 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013658.D (-1692) (-)

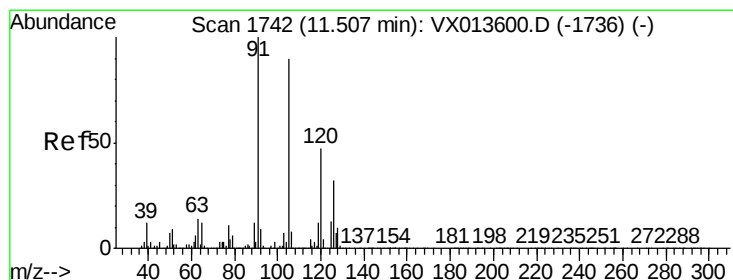
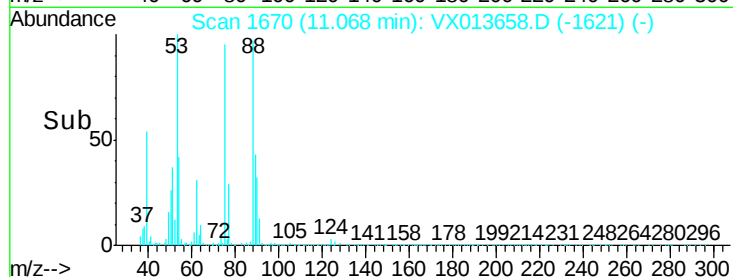
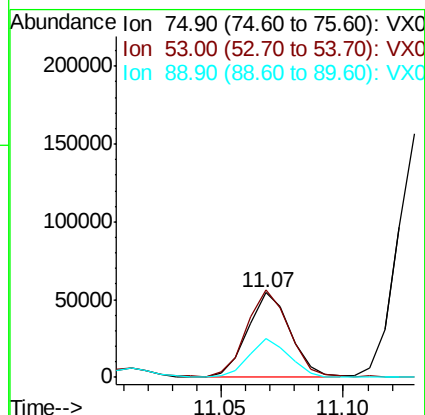
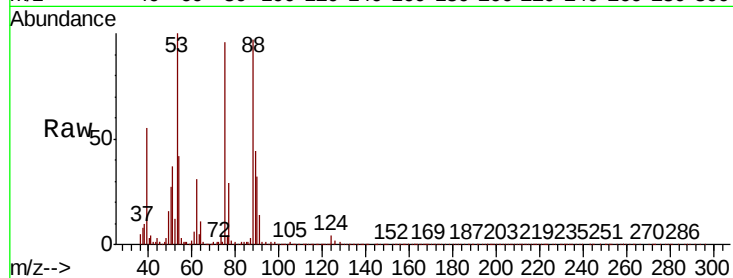




#81
trans-1,4-Dichloro-2-butene
Concen: 17.494 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

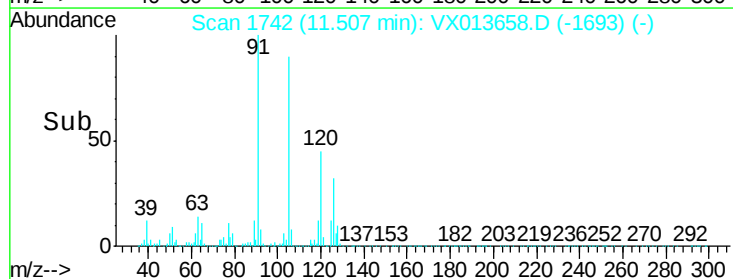
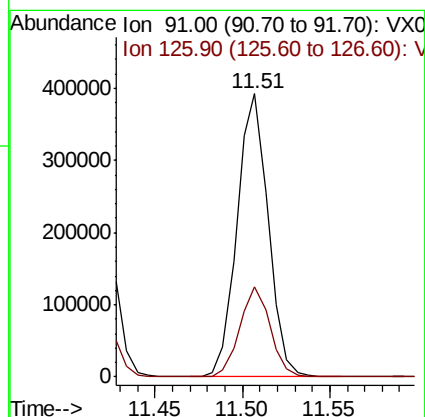
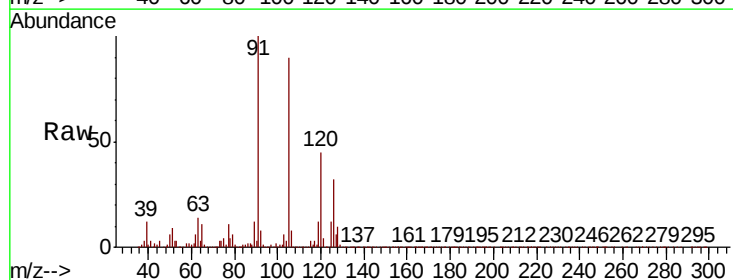
Instrument :
MSVOA_X
ClientSampleId :

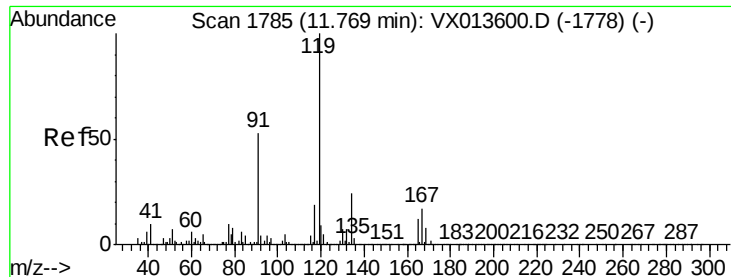
Tot Ion: 75 Resp: 64538
Ion Ratio Lower Upper
75 100
53 104.8 78.2 117.2
89 45.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.766 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion: 91 Resp: 482545
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0

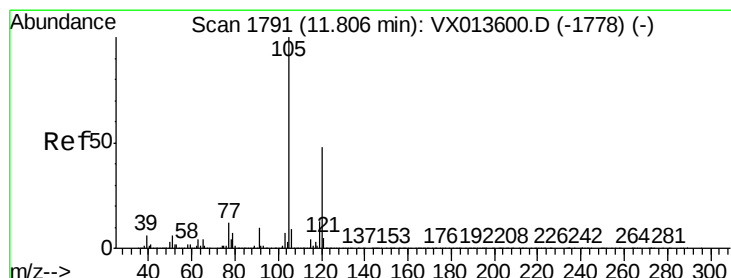
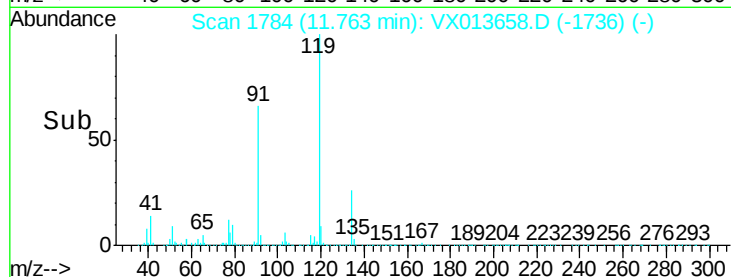
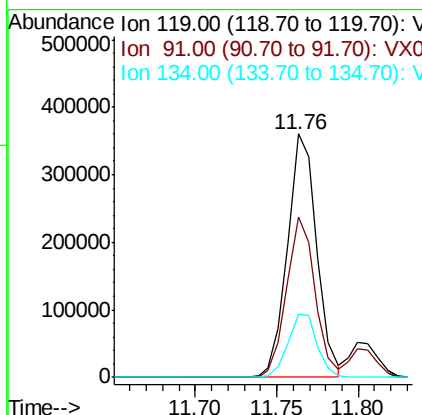
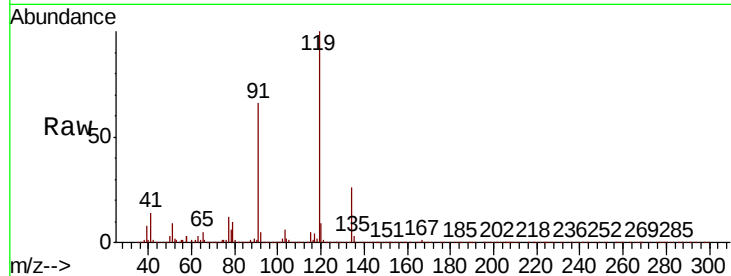




#83
 tert-Butylbenzene
 Concen: 17.077 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

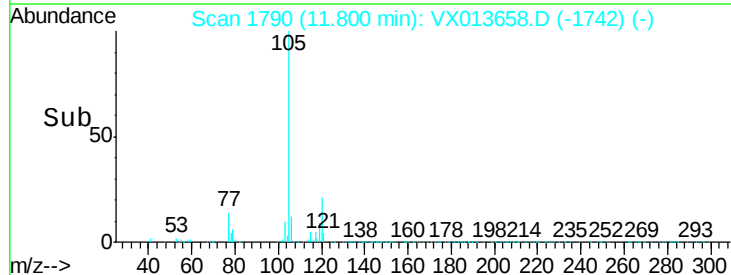
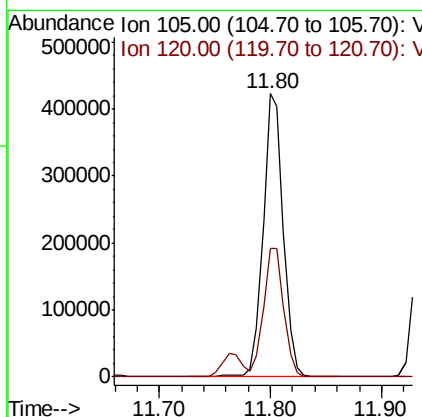
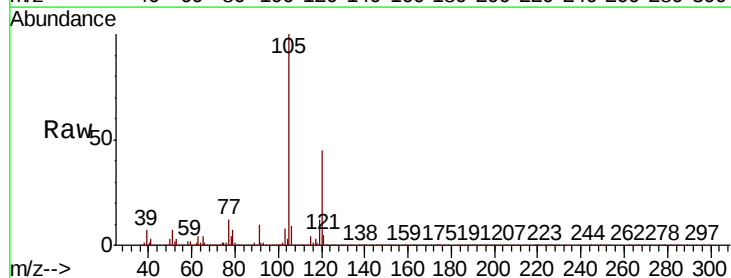
Instrument :
 MSVOA_X
 ClientSampleId :

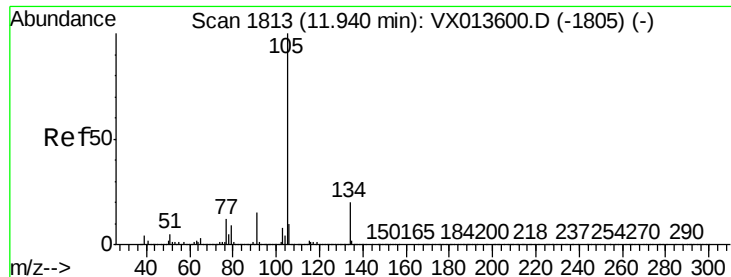
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	27.2	81.6
134	26.2	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.369 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.334 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

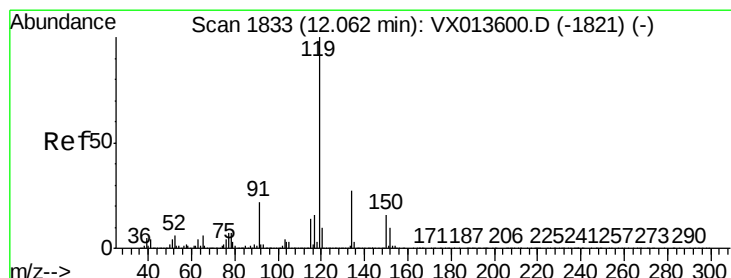
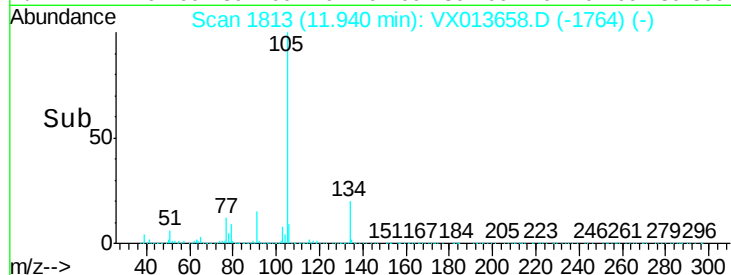
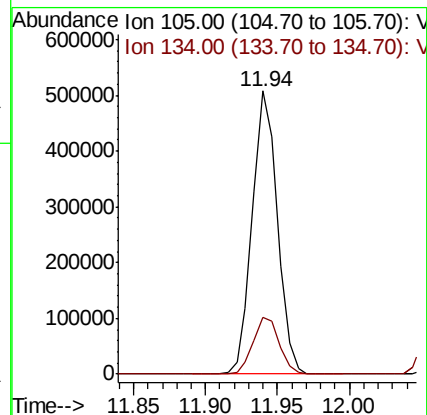
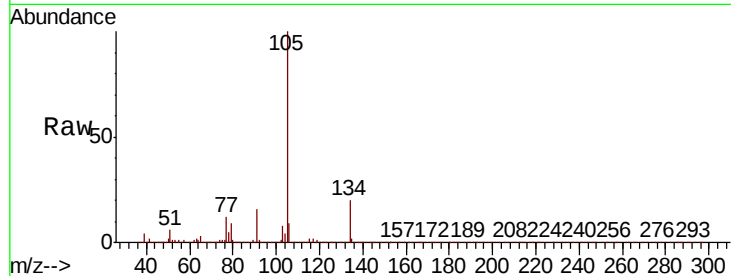
ClientSampled :

Tot Ion:105 Resp: 608949

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.984 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

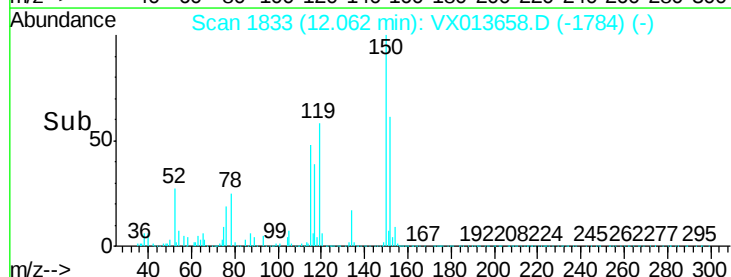
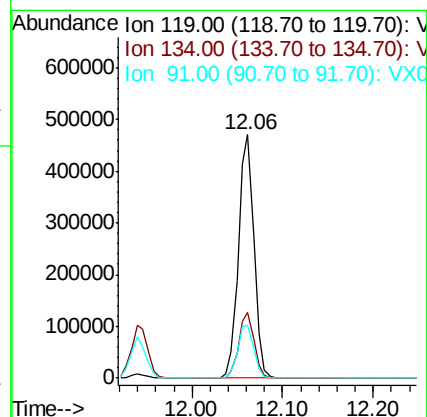
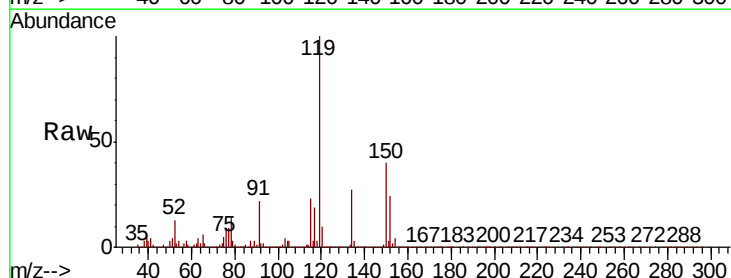
Tgt Ion:119 Resp: 556758

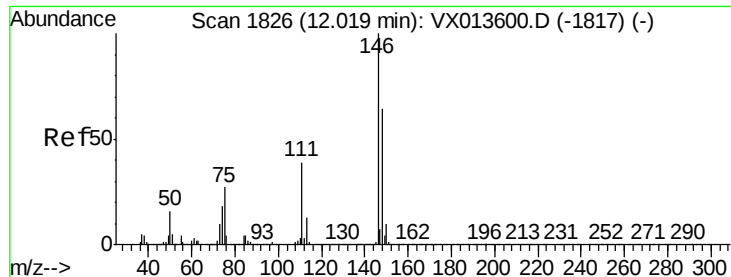
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.6 11.3 33.8

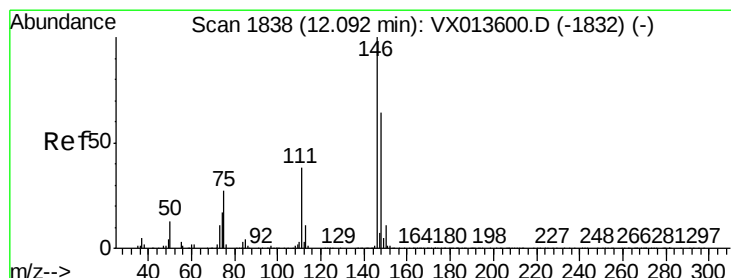
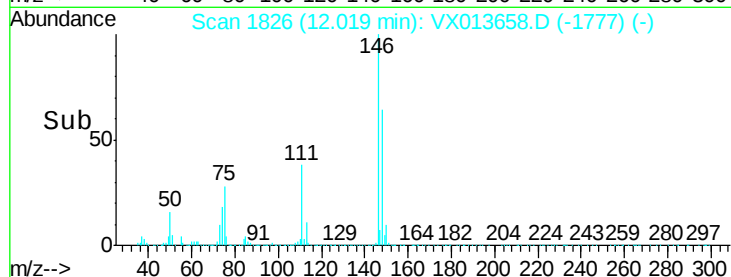
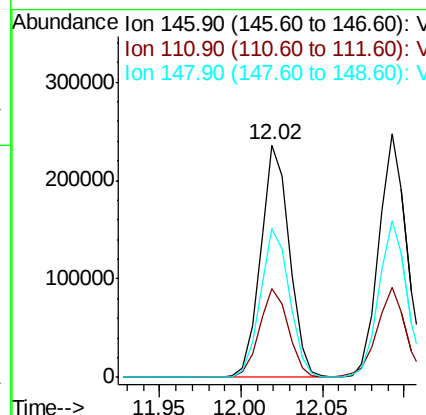
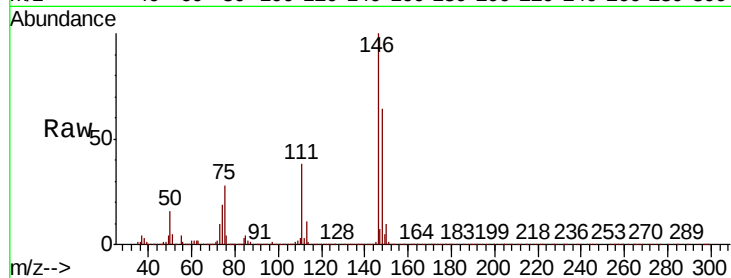




#87
 1,3-Dichlorobenzene
 Concen: 19.564 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

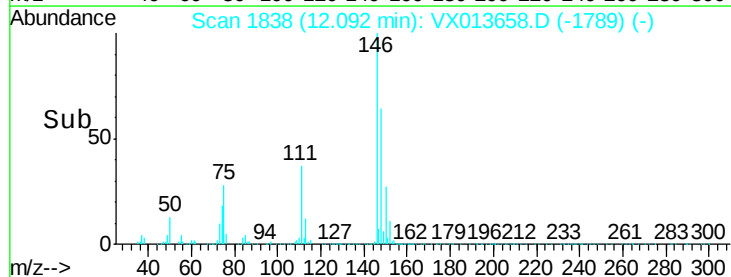
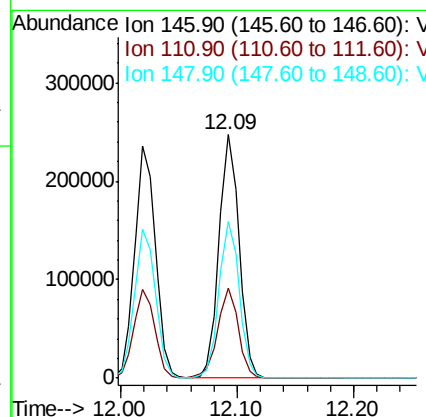
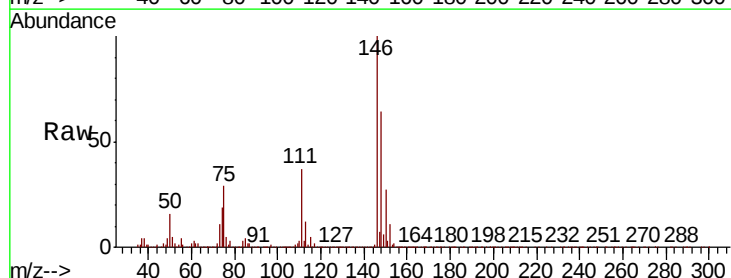
Instrument :
 MSVOA_X
 ClientSampleId :

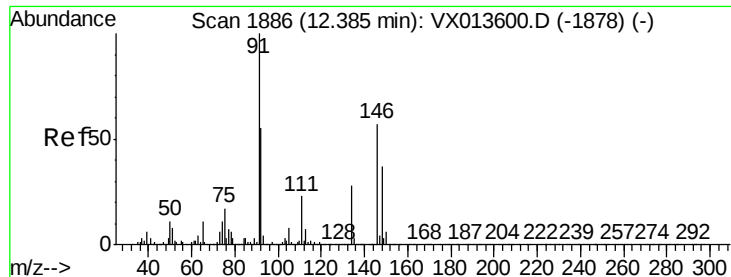
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.9	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.387 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	65.2	31.9	95.5





#89

n-Butylbenzene

Concen: 19.834 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

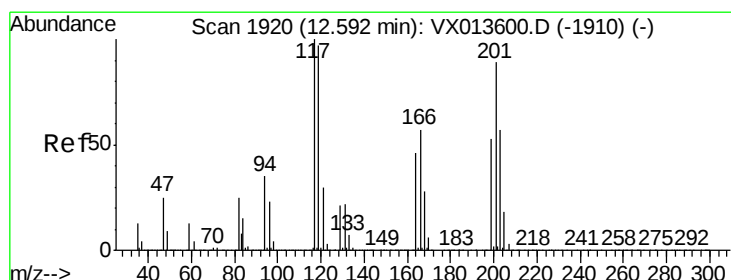
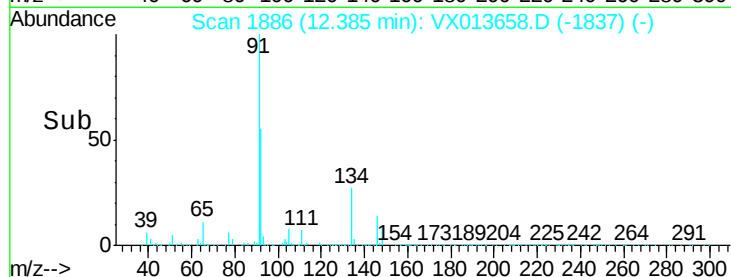
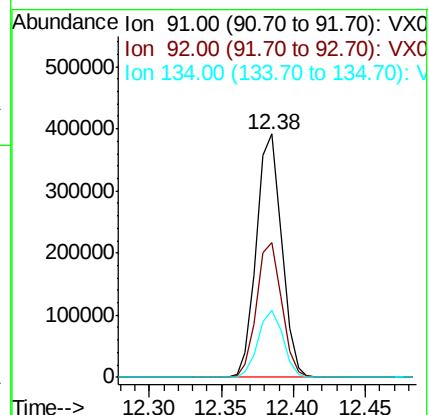
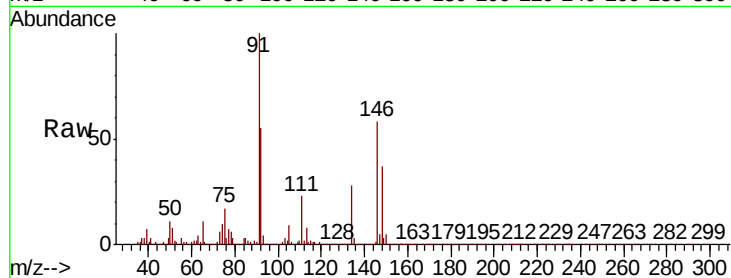
Tot Ion: 91 Resp: 471295

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.2

134 27.3 13.5 40.4



#90

Hexachloroethane

Concen: 18.530 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013658.D

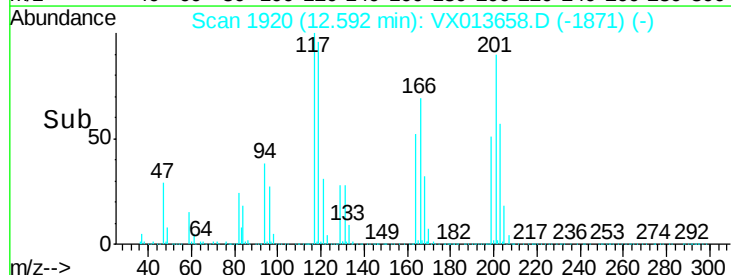
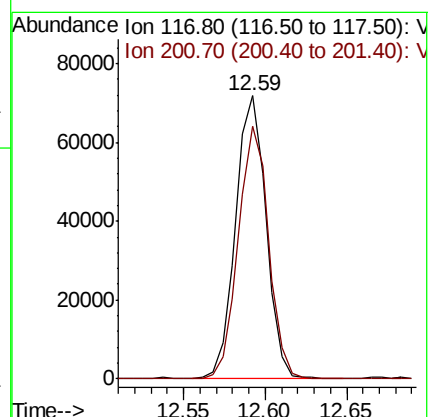
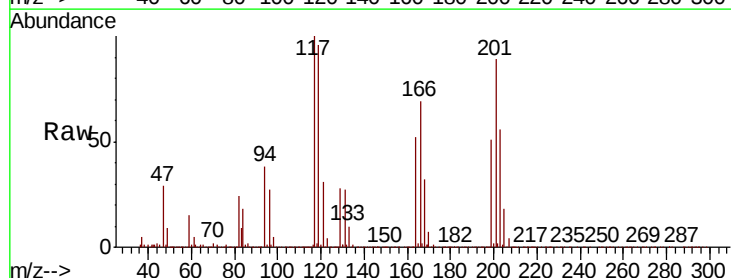
Acq: 27 Nov 2019 17:47

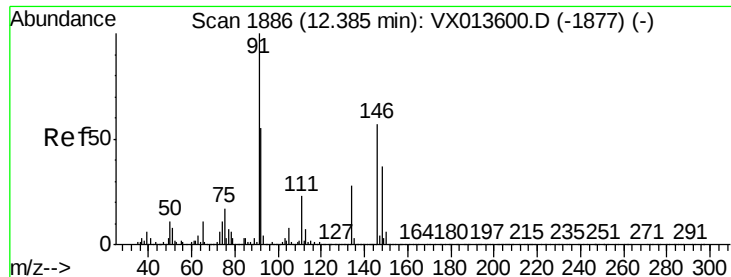
Tgt Ion: 117 Resp: 93314

Ion Ratio Lower Upper

117 100

201 89.1 44.1 132.4

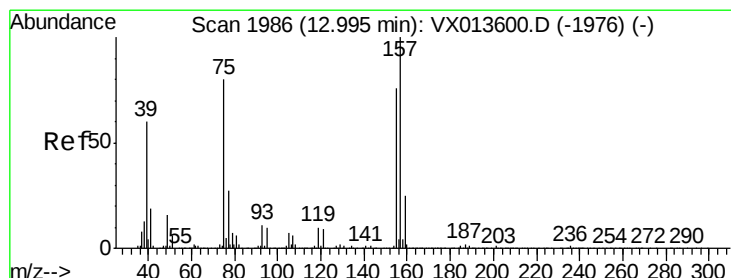
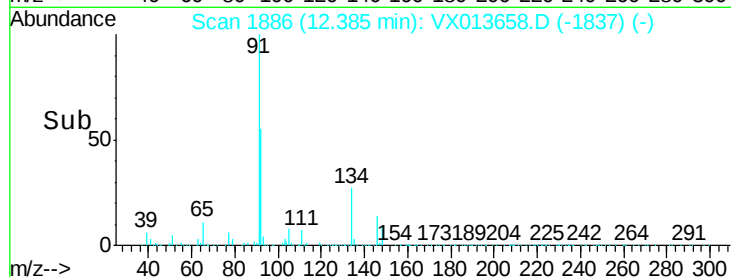
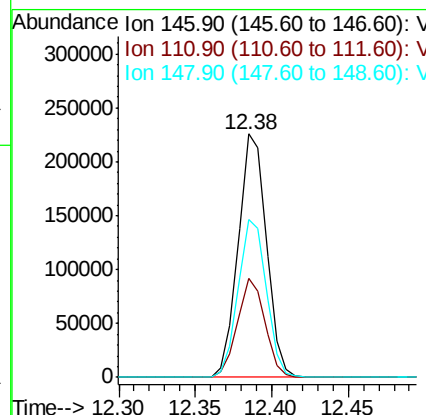
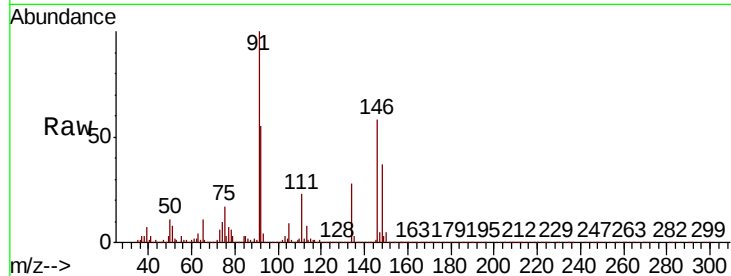




#91
 1,2-Dichlorobenzene
 Concen: 19.721 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

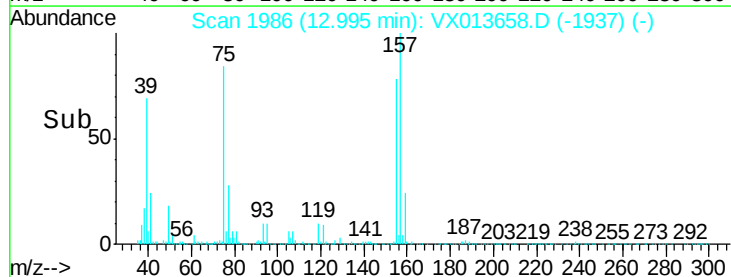
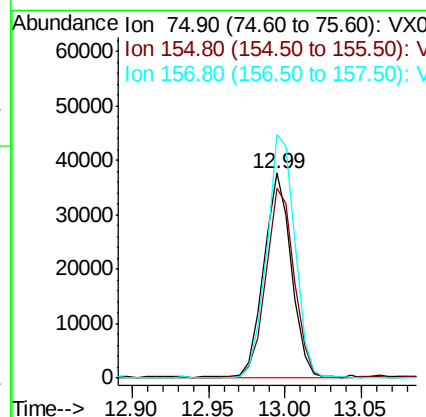
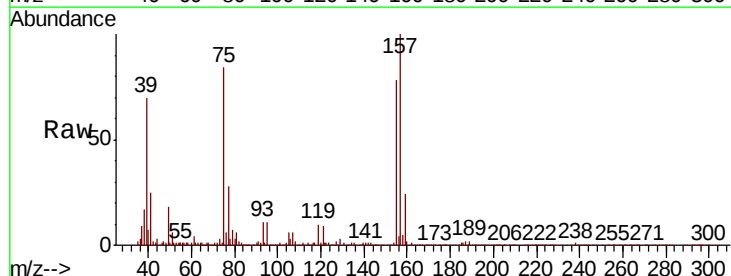
Instrument :
 MSVOA_X
 ClientSampleId :

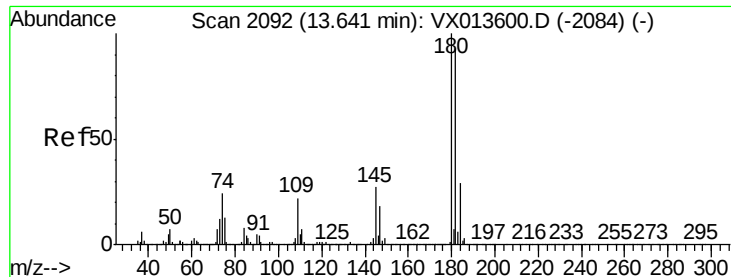
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.9	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.179 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	47.6	142.8
157	121.1	62.1	186.2

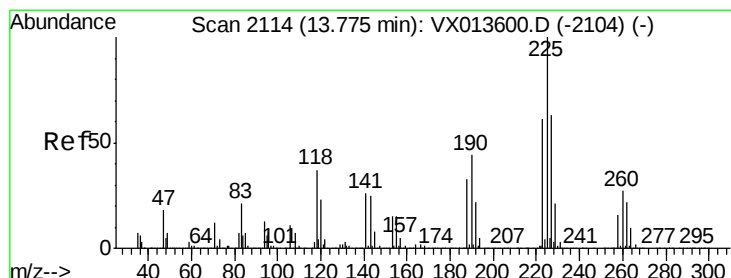
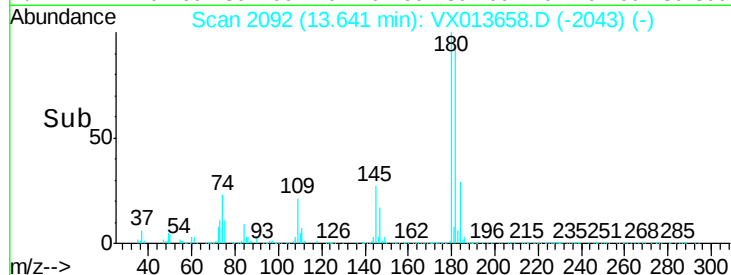
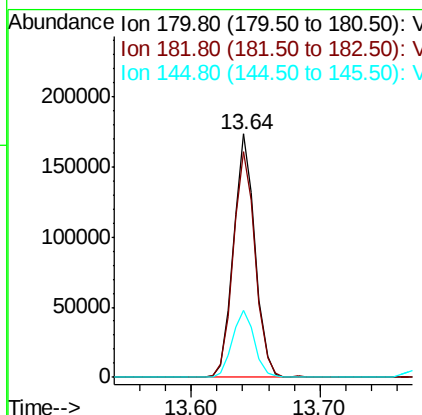
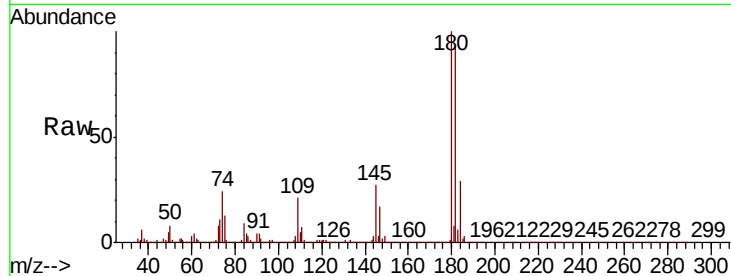




#93
 1,2,4-Trichlorobenzene
 Concen: 19.866 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

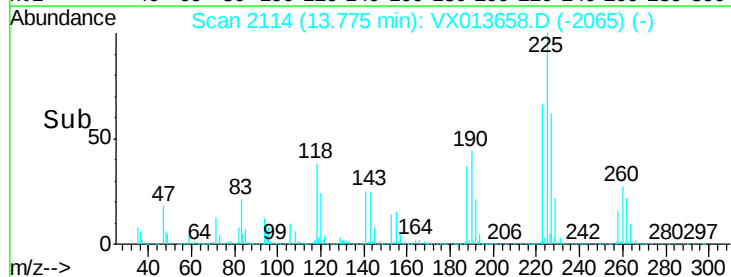
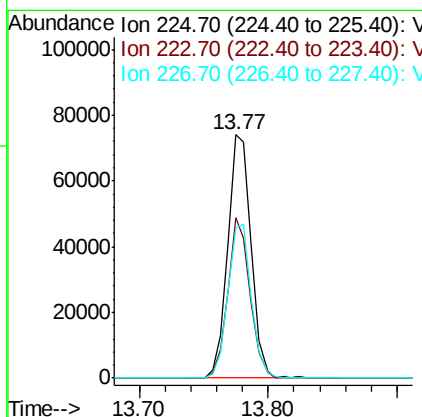
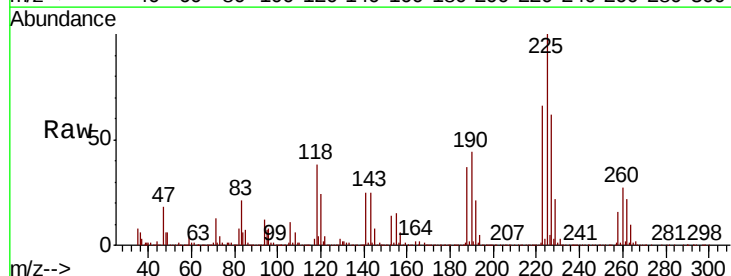
Instrument :
 MSVOA_X
 ClientSampleId :

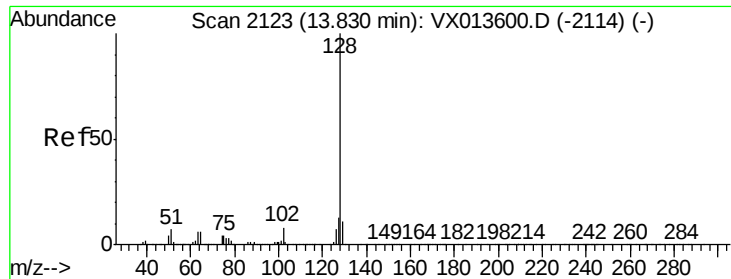
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.2	141.6
145	28.8	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 19.300 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.9	95.5
227	62.8	32.1	96.3

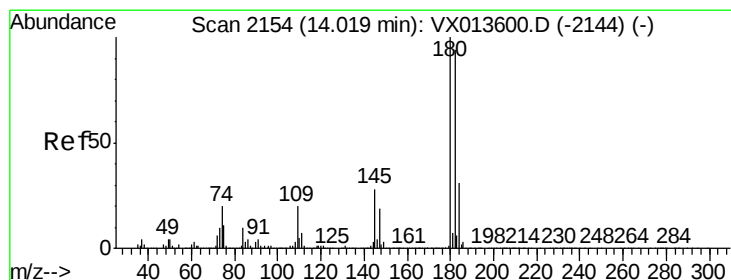
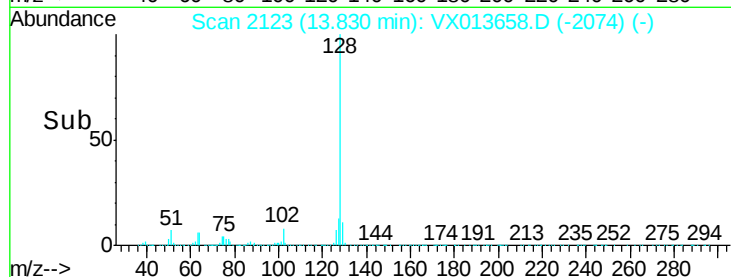
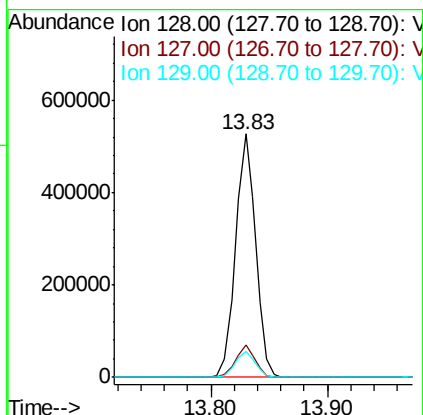
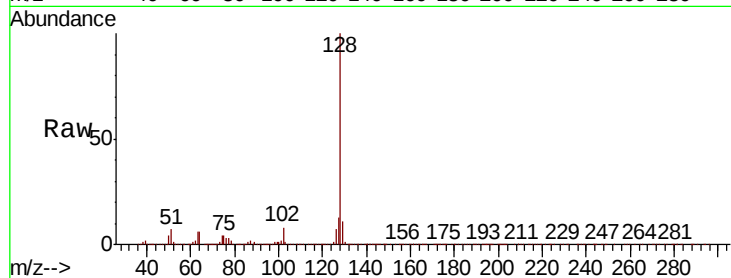




#95
Naphthalene
Concen: 20.898 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 635254
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.660 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion:180 Resp: 198692
Ion Ratio Lower Upper
180 100
182 99.3 47.6 142.8
145 30.3 15.0 45.0

