

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013648.D
 Acq On : 27 Nov 2019 13:27
 Operator : JC/SP
 Sample : VX1127WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 00:27:33 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	689936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1037026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	938941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	456518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	387584	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	318902	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1235041	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	434366	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	153801	20.028	ug/l	95
3) Chloromethane	1.32	50	174316	20.230	ug/l	98
4) Vinyl Chloride	1.40	62	200853	20.710	ug/l	95
5) Bromomethane	1.63	94	117466	18.035	ug/l	96
6) Chloroethane	1.72	64	110343	19.994	ug/l	95
7) Trichlorofluoromethane	1.92	101	211213	19.613	ug/l	99
8) Diethyl Ether	2.18	74	97122	19.934	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	126159	19.179	ug/l	97
10) Methyl Iodide	2.50	142	144415	18.149	ug/l	100
11) Tert butyl alcohol	3.03	59	177479	89.782	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129613	19.740	ug/l	97
13) Acrolein	2.28	56	109930	87.160	ug/l	99
14) Allyl chloride	2.72	41	230454	19.341	ug/l	99
15) Acrylonitrile	3.13	53	396864	97.260	ug/l	99
16) Acetone	2.43	43	425400	107.589	ug/l	100
17) Carbon Disulfide	2.56	76	341120	18.225	ug/l	98
18) Methyl Acetate	2.76	43	227487	20.661	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	426540	19.610	ug/l	100
20) Methylene Chloride	2.85	84	145333	19.132	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	139007	19.434	ug/l	98
22) Diisopropyl ether	3.84	45	454289	19.800	ug/l	95
23) Vinyl Acetate	3.80	43	1637688	85.802	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251057	20.016	ug/l	99
25) 2-Butanone	4.66	43	593757	101.042	ug/l	99
26) 2,2-Dichloropropane	4.58	77	187170	18.036	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	157136	19.130	ug/l	99
28) Bromochloromethane	5.00	49	100232	20.215	ug/l	100
29) Tetrahydrofuran	5.12	42	360742	99.582	ug/l	99
30) Chloroform	5.20	83	241048	18.950	ug/l	98
31) Cyclohexane	5.57	56	227668	19.245	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	206762	19.451	ug/l	99
36) 1,1-Dichloropropene	5.79	75	182813	19.420	ug/l	99
37) Ethyl Acetate	4.82	43	212872	20.157	ug/l	99
38) Carbon Tetrachloride	5.78	117	172574	19.881	ug/l	97

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Instrument :
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 ClientSampleId :

Quant Time: Nov 28 00:27:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227065	19.514	ug/l	95
40) Benzene	6.14	78	573632	20.008	ug/l	99
41) Methacrylonitrile	5.03	41	123299	21.289	ug/l	97
42) 1,2-Dichloroethane	6.18	62	199404	20.393	ug/l	98
43) Isopropyl Acetate	6.43	43	340629	19.592	ug/l	99
44) Trichloroethene	7.21	130	156998	19.953	ug/l	95
45) 1,2-Dichloropropane	7.51	63	144991	20.213	ug/l	98
46) Dibromomethane	7.65	93	96452	19.797	ug/l	98
47) Bromodichloromethane	7.89	83	180267	19.572	ug/l	98
48) Methyl methacrylate	7.76	41	168577	19.956	ug/l	98
49) 1,4-Dioxane	7.73	88	72433	383.066	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1106600	101.186	ug/l	100
52) Toluene	8.78	92	355773	19.974	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	196429	18.737	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222631	19.438	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147255	20.516	ug/l	99
56) Ethyl methacrylate	9.17	69	227378	19.704	ug/l	99
57) 1,3-Dichloropropane	9.37	76	241978	19.559	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	439997	97.248	ug/l	100
59) 2-Hexanone	9.49	43	859562	100.775	ug/l	99
60) Dibromochloromethane	9.58	129	146336	19.645	ug/l	100
61) 1,2-Dibromoethane	9.67	107	153878	20.073	ug/l	98
64) Tetrachloroethene	9.33	164	196445	28.055	ug/l	98
65) Chlorobenzene	10.14	112	384317	19.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139433	19.918	ug/l	99
67) Ethyl Benzene	10.25	91	668510	19.956	ug/l	99
68) m/p-Xylenes	10.35	106	513436	40.033	ug/l	99
69) o-Xylene	10.70	106	246227	19.685	ug/l	98
70) Styrene	10.71	104	420621	19.990	ug/l	100
71) Bromoform	10.85	173	109457	18.898	ug/l #	29
73) Isopropylbenzene	11.01	105	653458	20.406	ug/l	100
74) N-amyl acetate	10.89	43	291823	19.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	224021	20.172	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	253025	24.642	ug/l	89
77) Bromobenzene	11.25	156	169838	19.632	ug/l	98
78) n-propylbenzene	11.35	91	729392	20.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	435091	20.290	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	539348	20.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67548	17.998	ug/l	94
82) 4-Chlorotoluene	11.51	91	497380	20.026	ug/l	100
83) tert-Butylbenzene	11.76	119	488143	18.301	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	549928	20.645	ug/l	98
85) sec-Butylbenzene	11.94	105	623164	20.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	576119	20.327	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	296189	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	293108	19.082	ug/l	100
89) n-Butylbenzene	12.38	91	472839	19.560	ug/l	99
90) Hexachloroethane	12.59	117	95659	18.672	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	296634	19.908	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46829	19.364	ug/l	99

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

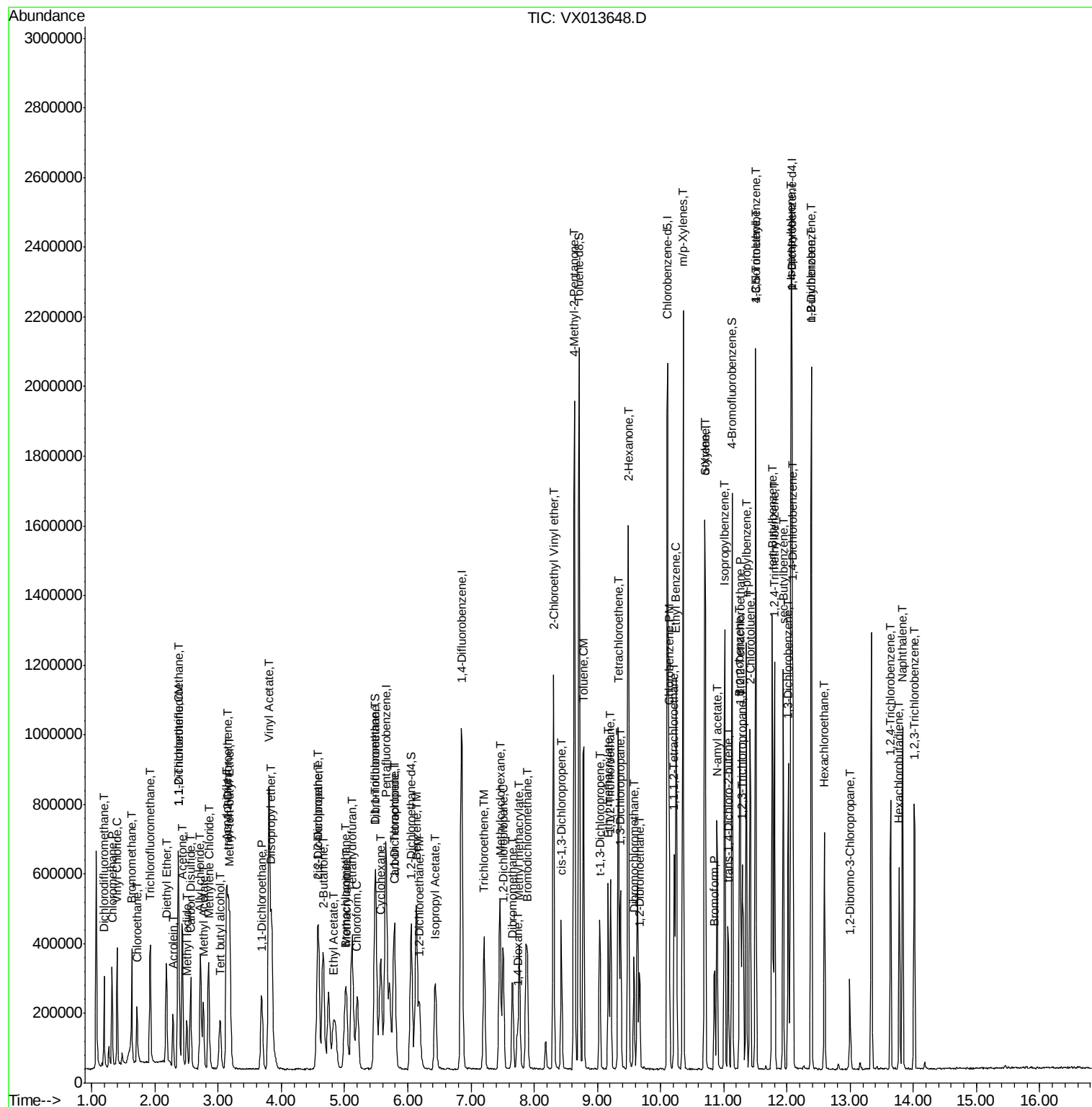
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	194550	18.735	ug/l	98
94) Hexachlorobutadiene	13.78	225	95620	19.169	ug/l	96
95) Naphthalene	13.83	128	598212	19.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	200412	19.492	ug/l	99

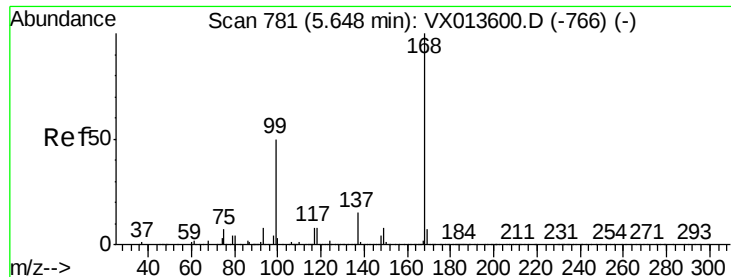
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013648.D
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 Sample : VX1127WBS01
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 ClientSampleId :

Quant Time: Nov 28 00:27:33 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

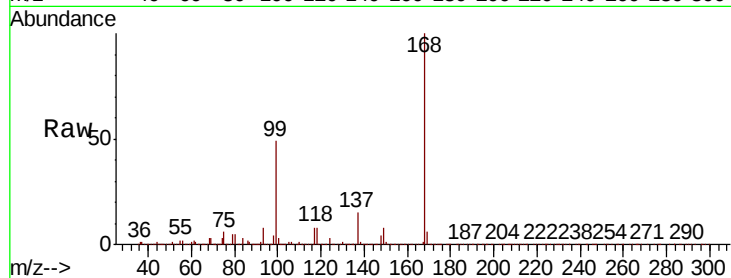
ClientSampleId :

Tot Ion:168 Resp: 689936

Ion Ratio Lower Upper

168 100

99 49.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

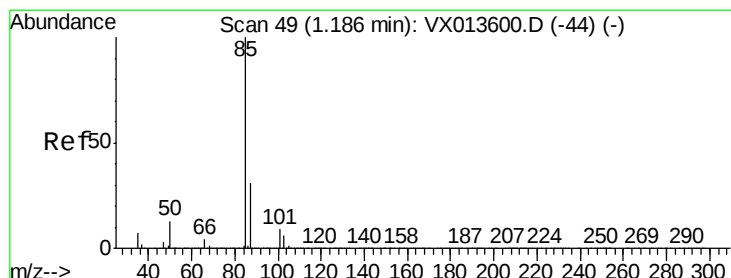
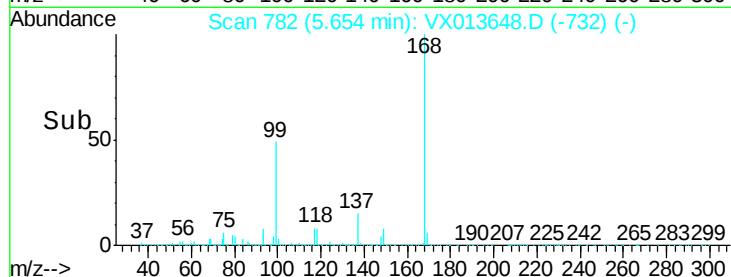
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.028 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013648.D

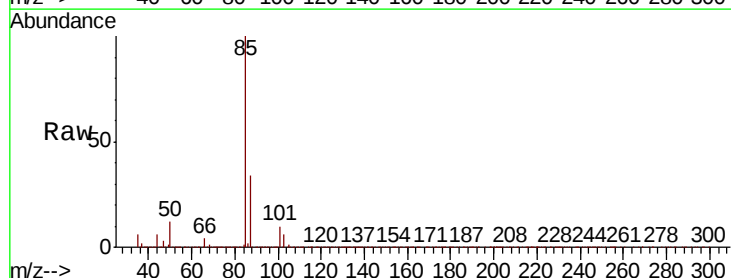
Acq: 27 Nov 2019 13:27

Tgt Ion: 85 Resp: 153801

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

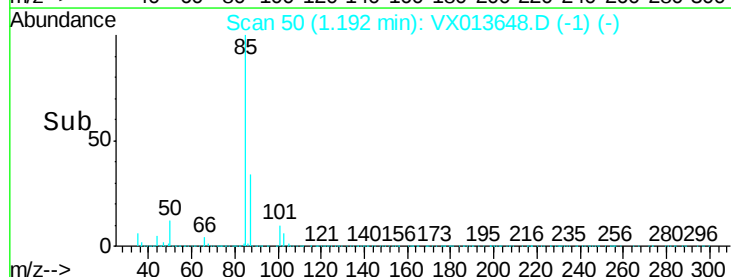
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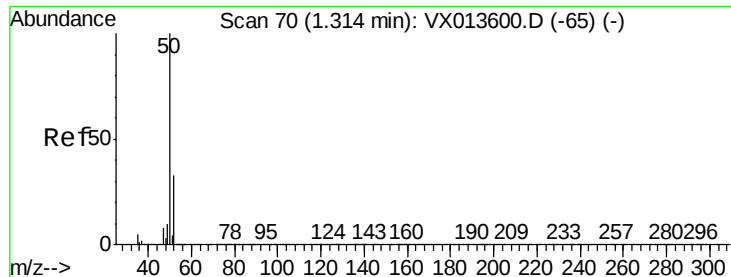
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.230 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

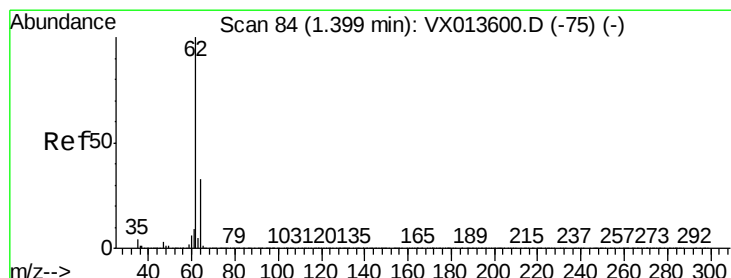
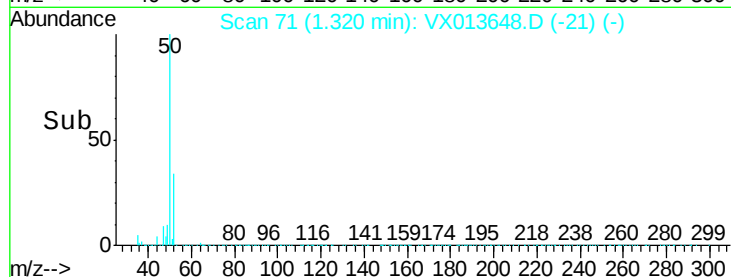
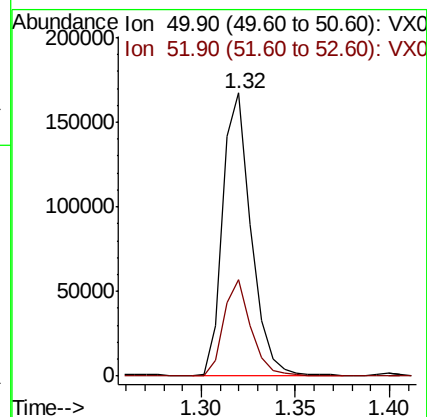
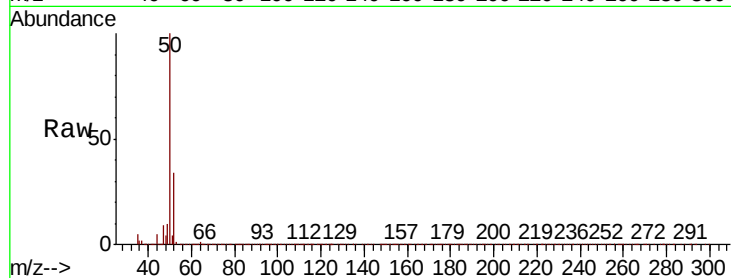
ClientSampleId :

Tot Ion: 50 Resp: 174316

Ion Ratio Lower Upper

50 100

52 33.8 26.0 39.0



#4

Vinyl Chloride

Concen: 20.710 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013648.D

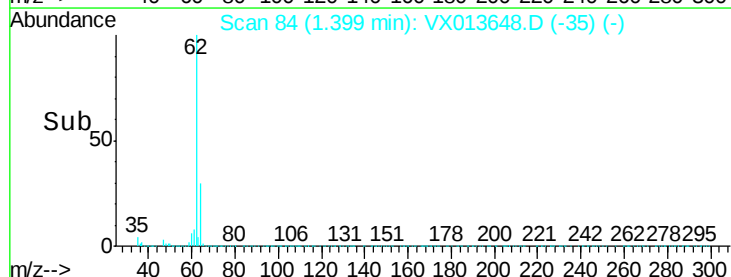
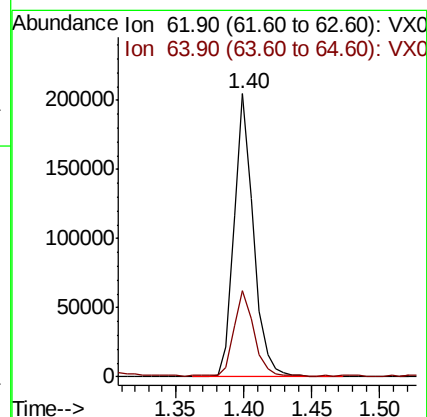
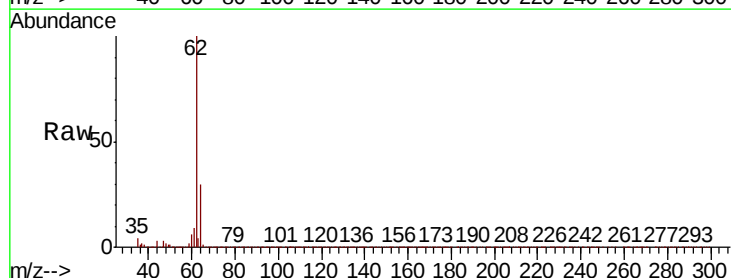
Acq: 27 Nov 2019 13:27

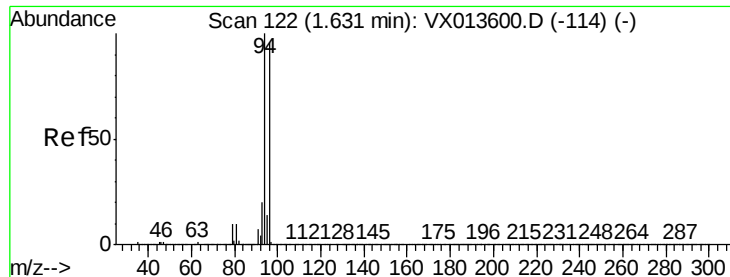
Tgt Ion: 62 Resp: 200853

Ion Ratio Lower Upper

62 100

64 29.8 26.0 39.0





#5

Bromomethane

Concen: 18.035 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

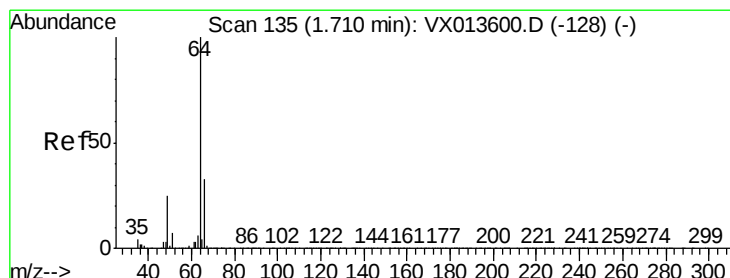
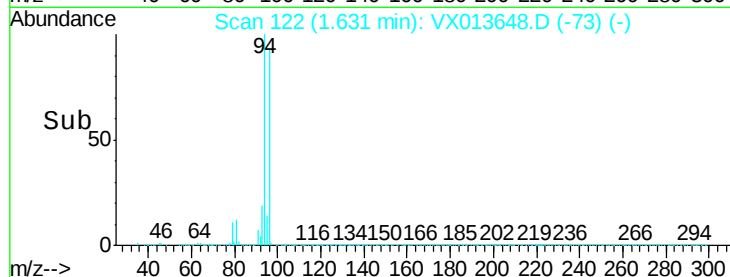
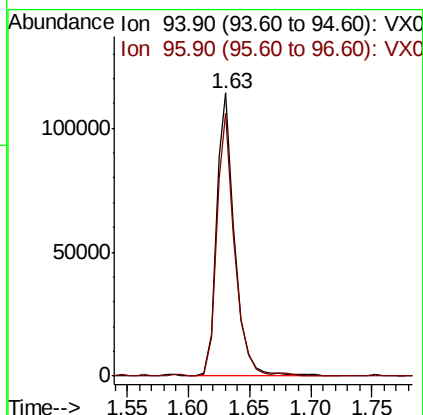
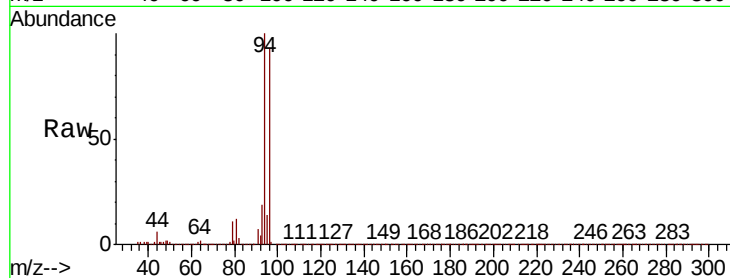
ClientSampleId :

Tot Ion: 94 Resp: 117466

Ion Ratio Lower Upper

94 100

96 92.8 77.0 115.4



#6

Chloroethane

Concen: 19.994 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013648.D

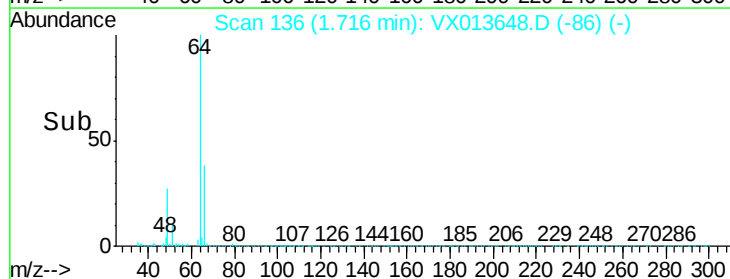
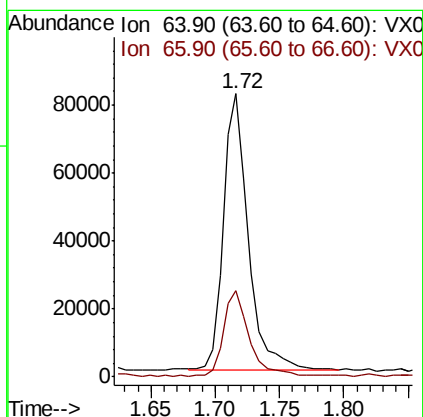
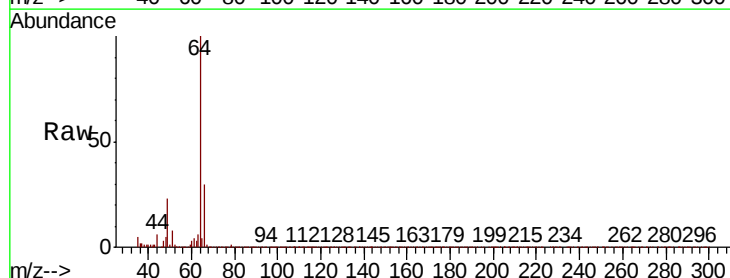
Acq: 27 Nov 2019 13:27

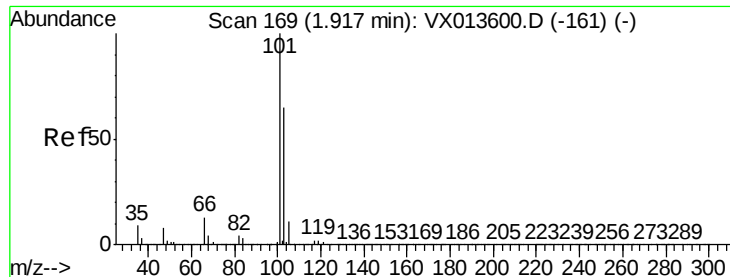
Tgt Ion: 64 Resp: 110343

Ion Ratio Lower Upper

64 100

66 30.8 26.7 40.1



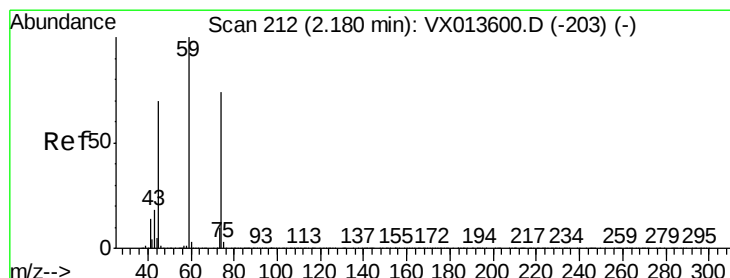
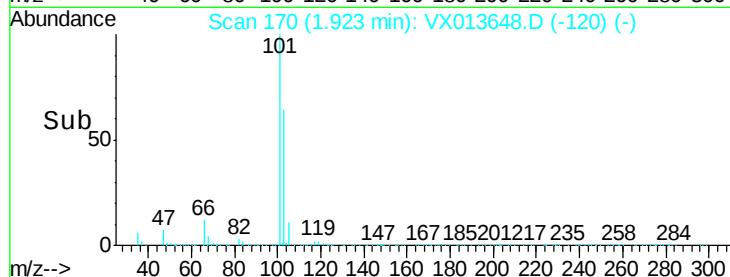
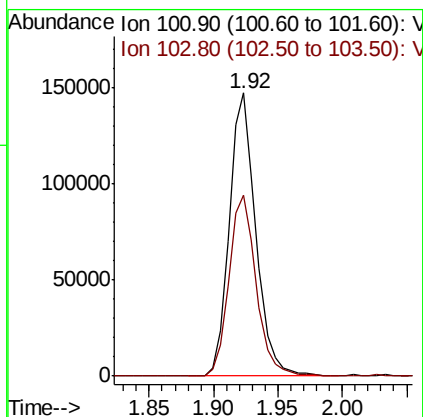
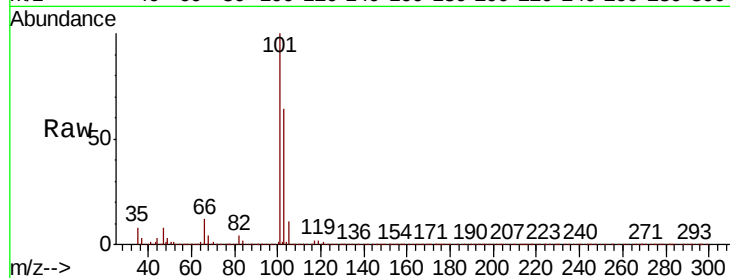


#7

Trichlorofluoromethane
Concen: 19.613 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :

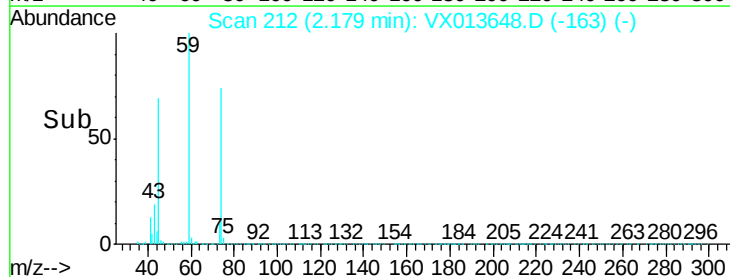
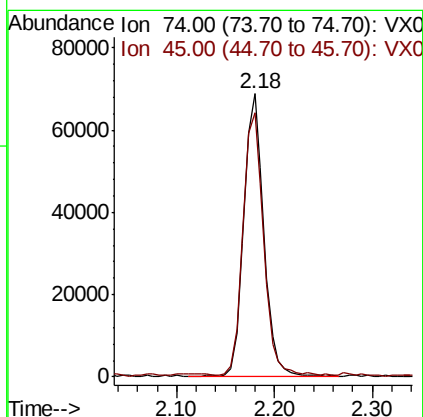
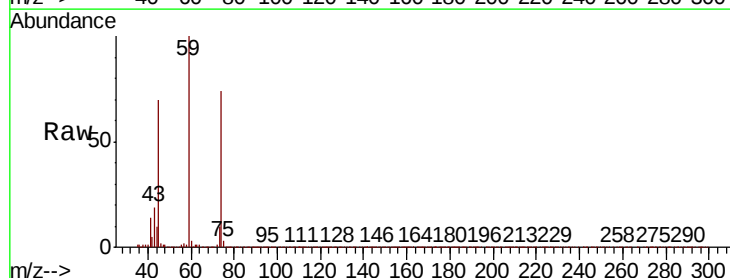
Tot Ion:101 Resp: 211213
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

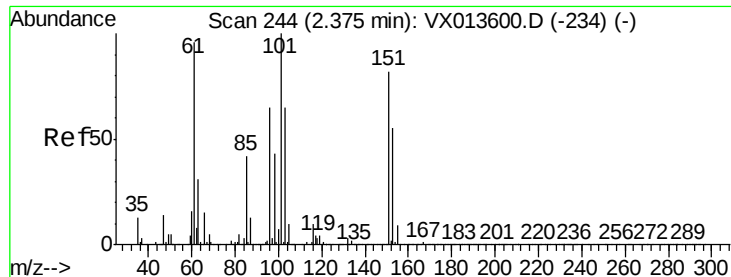


#8

Diethyl Ether
Concen: 19.934 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 74 Resp: 97122
Ion Ratio Lower Upper
74 100
45 96.7 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.179 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

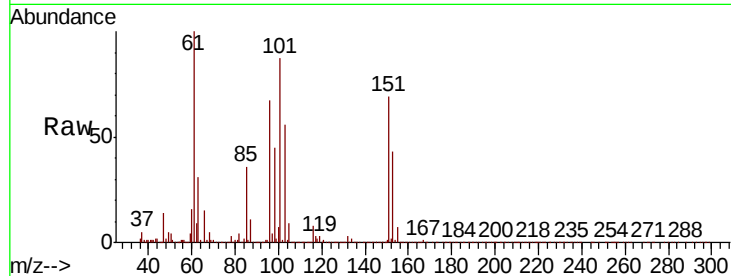
Tot Ion:101 Resp: 126159

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

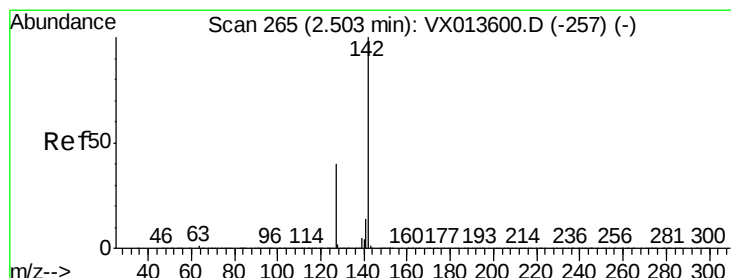
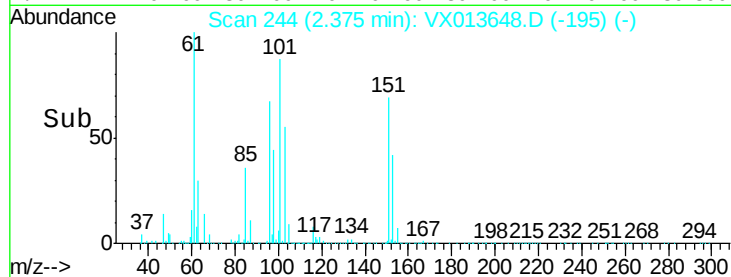
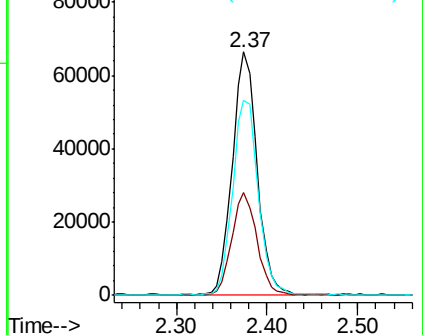
151 83.8 64.2 96.2



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: 18.149 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

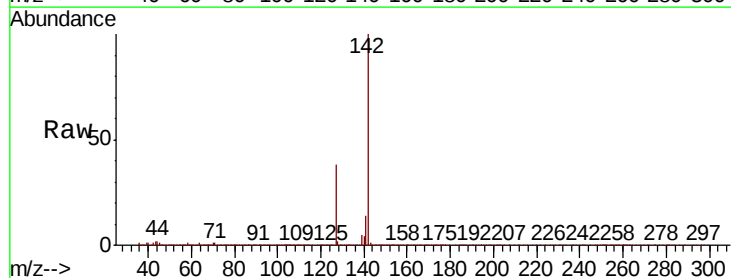
Tgt Ion:142 Resp: 144415

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

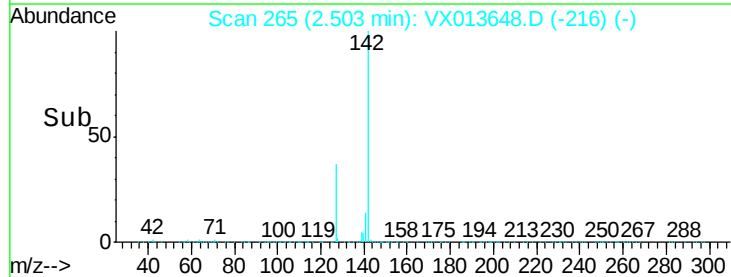
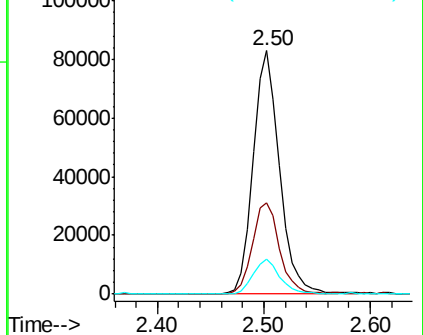
141 14.4 11.6 17.4

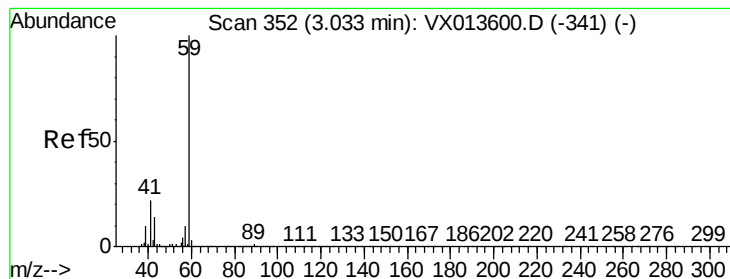


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



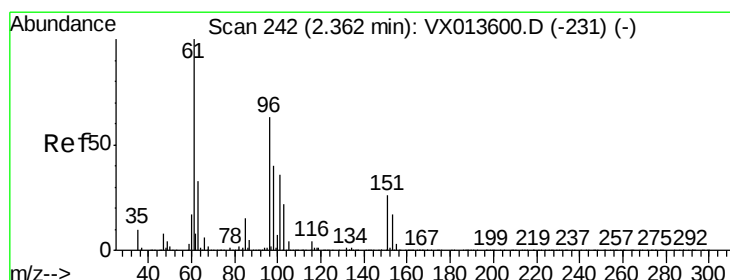
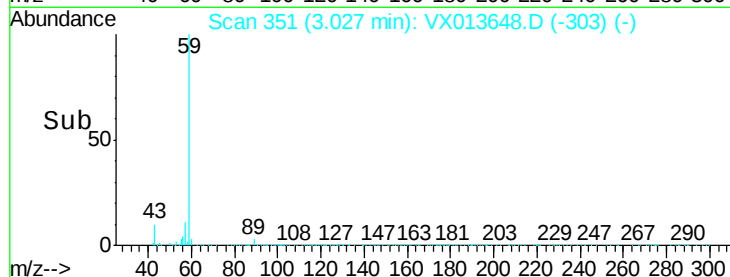
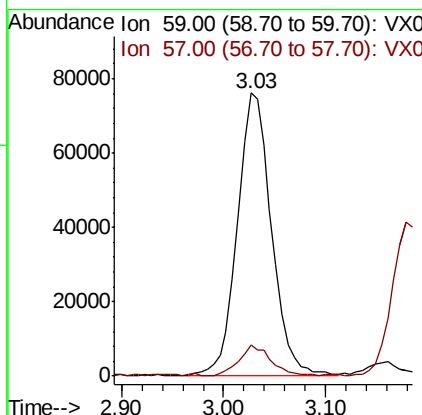
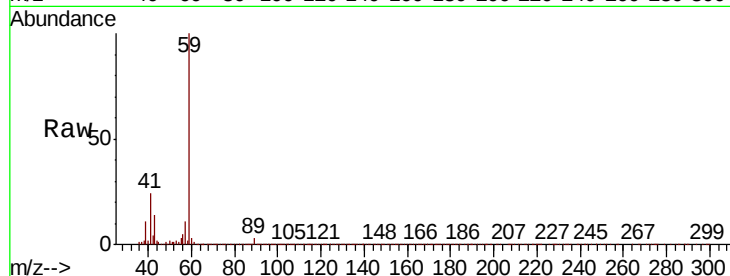


#11

Tert butyl alcohol
Concen: 89.782 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :

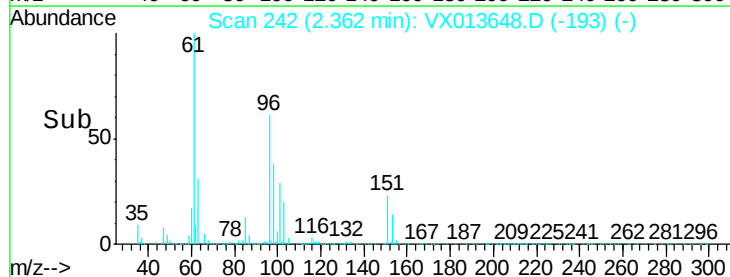
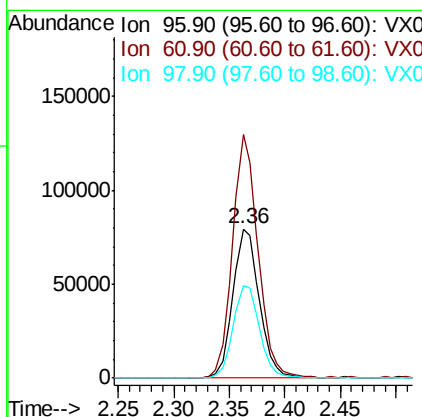
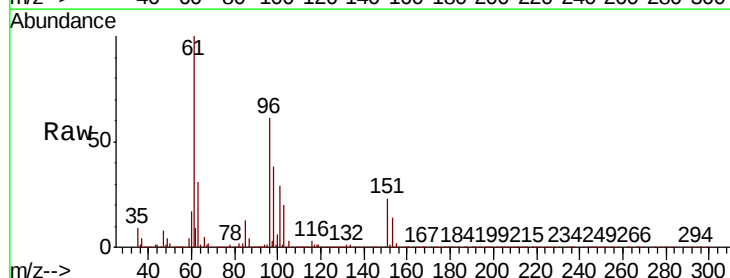
Tot Ion: 59 Resp: 177479
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.6

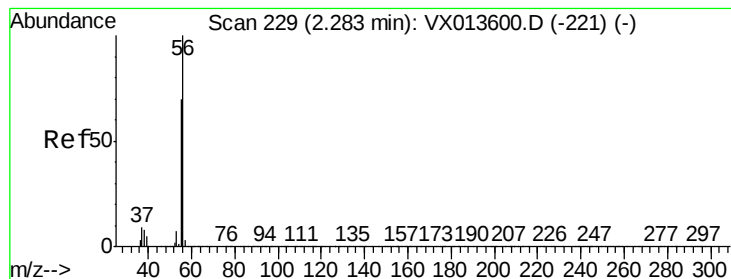


#12

1,1-Dichloroethene
Concen: 19.740 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 96 Resp: 129613
Ion Ratio Lower Upper
96 100
61 163.0 126.6 190.0
98 62.1 50.6 76.0





#13

Acrolein

Concen: 87.160 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

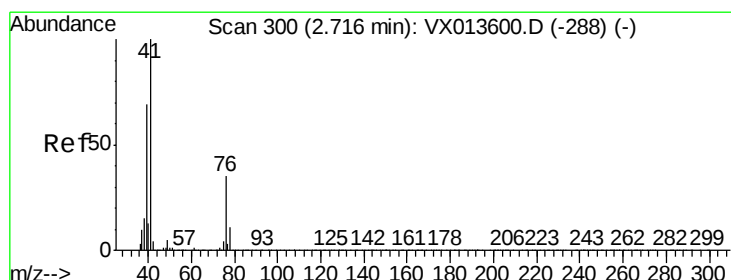
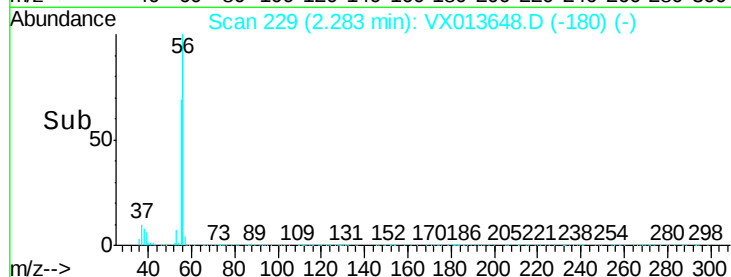
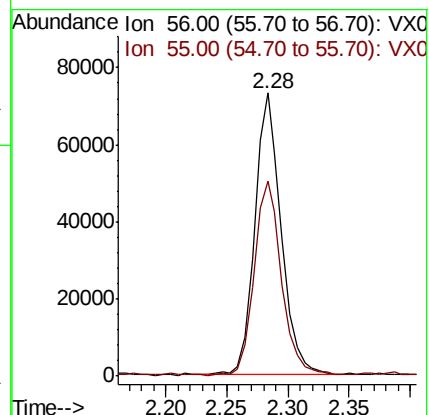
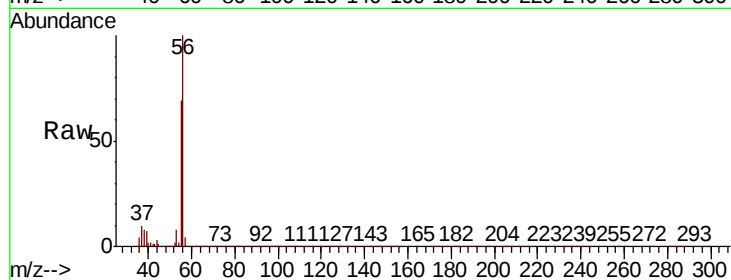
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 109930

Ion Ratio Lower Upper

56 100

55 71.4 56.2 84.4



#14

Allyl chloride

Concen: 19.341 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

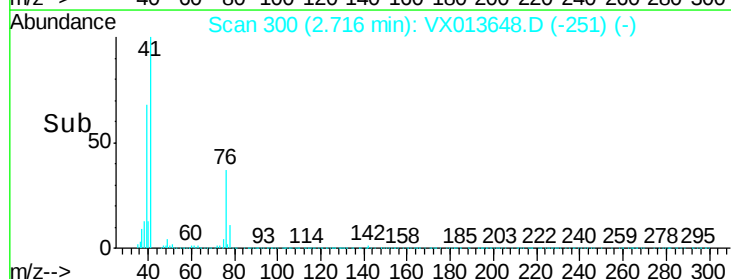
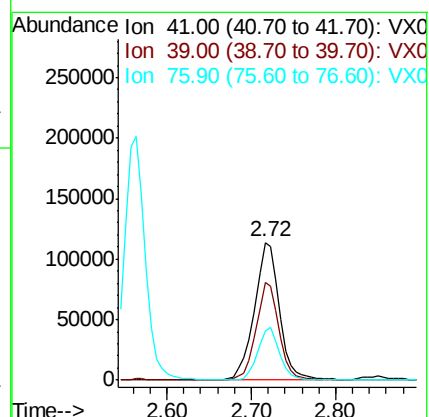
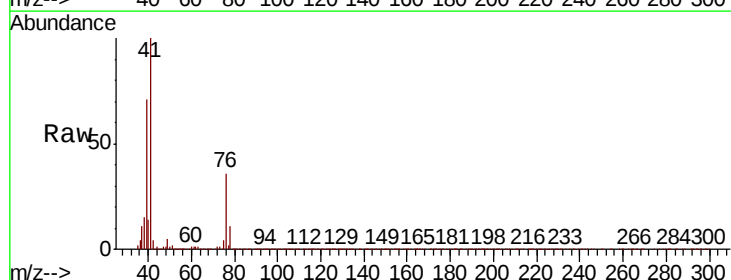
Tgt Ion: 41 Resp: 230454

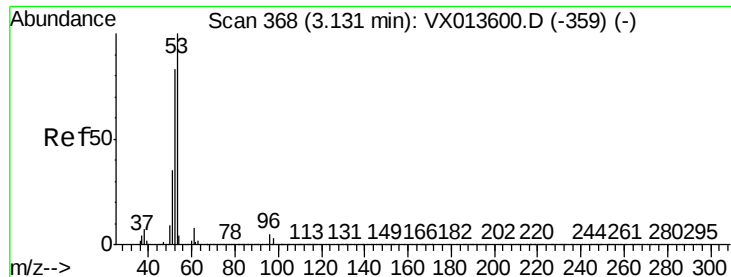
Ion Ratio Lower Upper

41 100

39 63.4 51.7 77.5

76 33.1 25.9 38.9

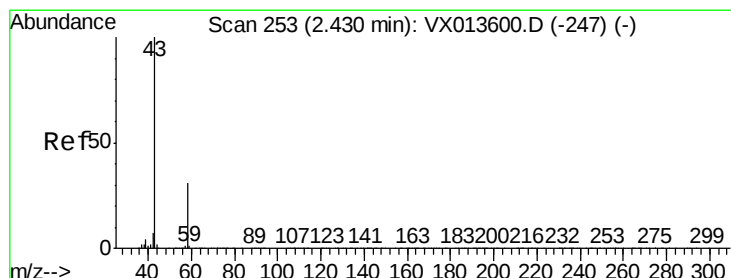
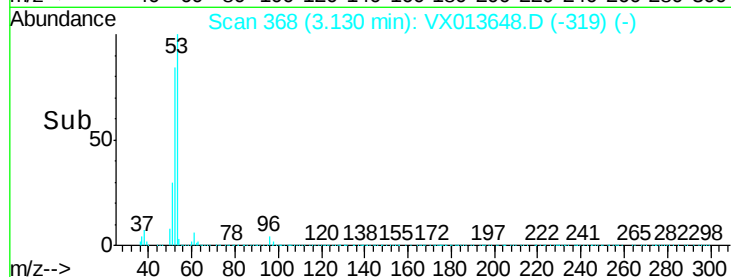
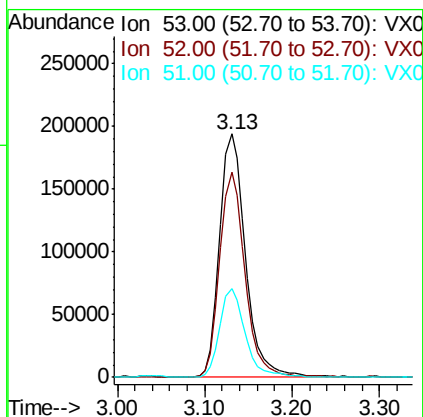
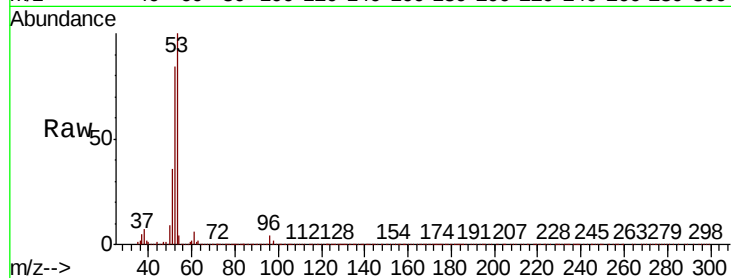




#15
 Acrylonitrile
 Concen: 97.260 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

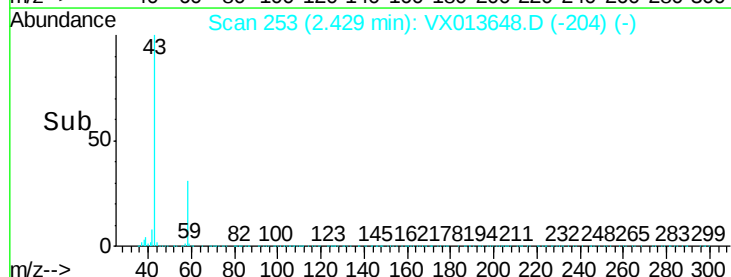
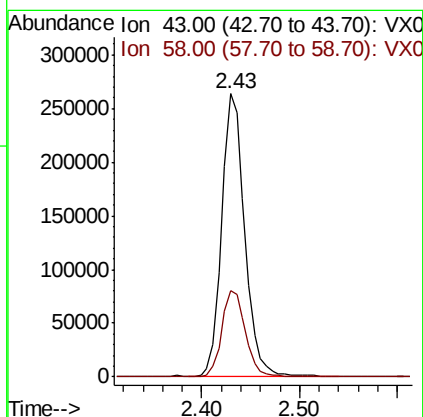
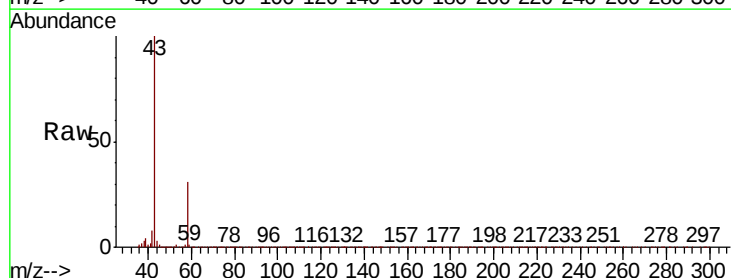
Instrument :
 MSVOA_X
 ClientSampleId :

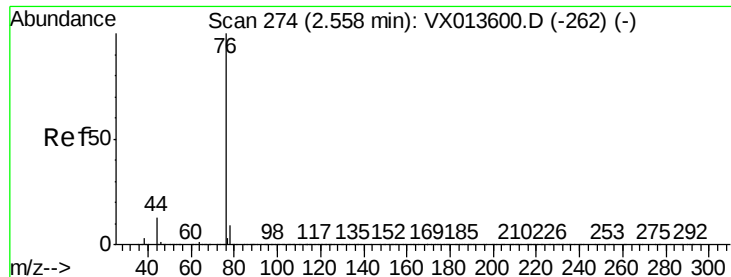
Tot Ion	53	Resp	396864
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.2
51	36.0	29.0	43.6



#16
 Acetone
 Concen: 107.589 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	43	Resp	425400
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.6	36.8

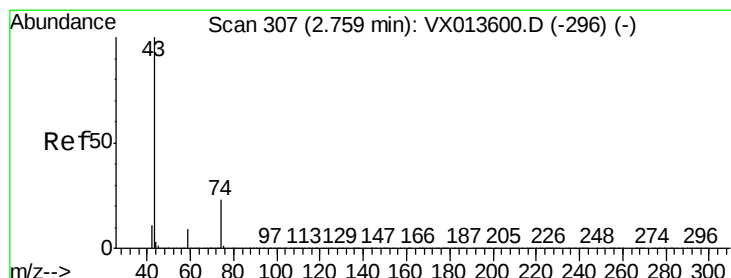
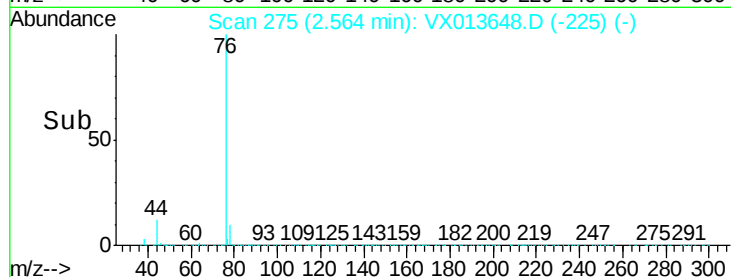
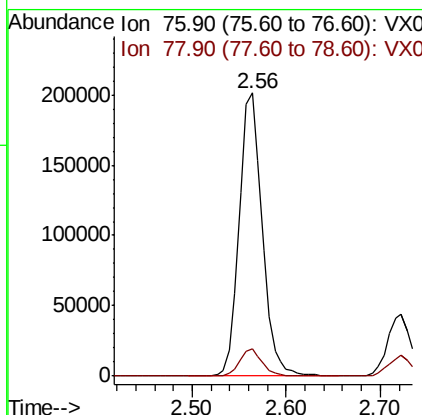
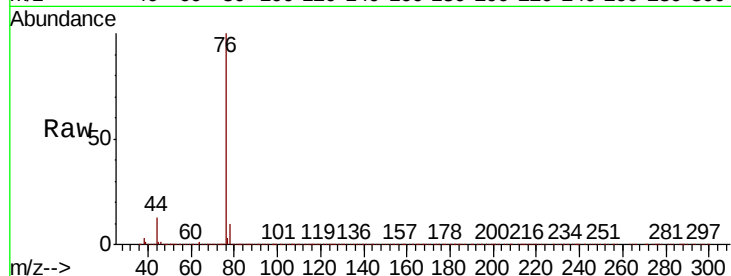




#17
Carbon Disulfide
Concen: 18.225 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

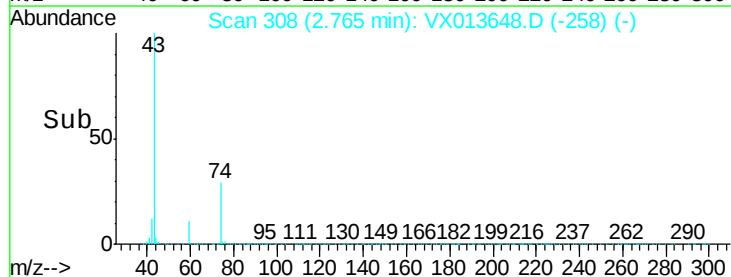
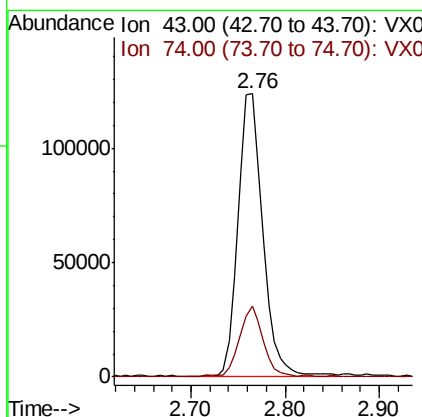
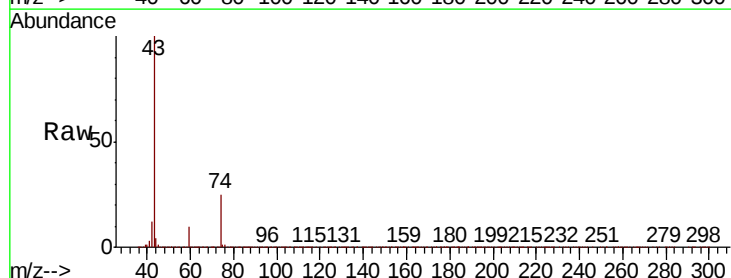
Instrument :
MSVOA_X
ClientSampleId :

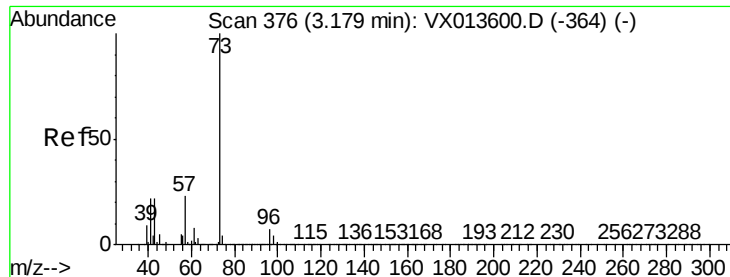
Tot Ion: 76 Resp: 341120
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 20.661 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 43 Resp: 227487
Ion Ratio Lower Upper
43 100
74 24.2 19.5 29.3



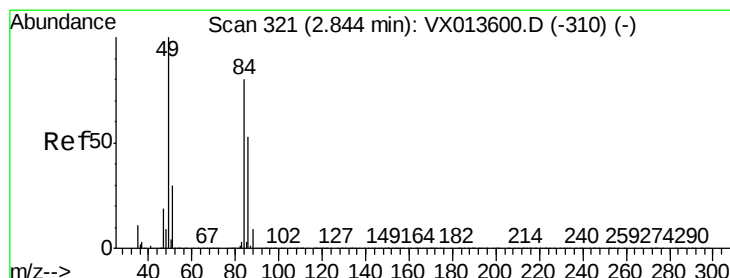
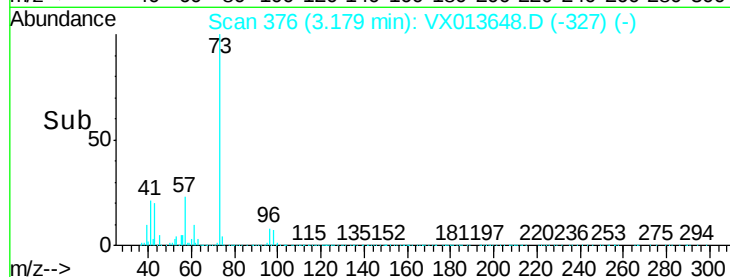
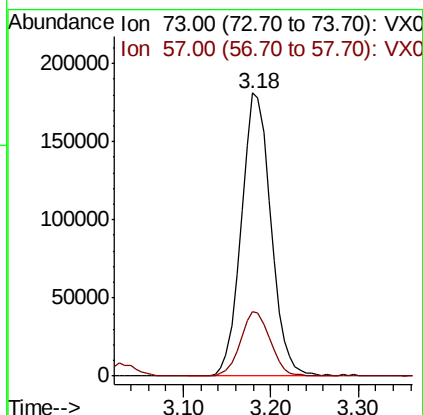
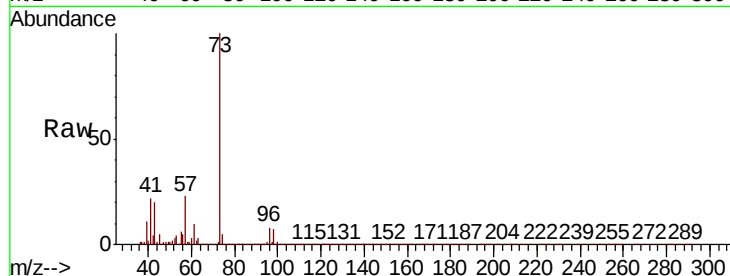


#19

Methyl tert-butyl Ether
Concen: 19.610 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :

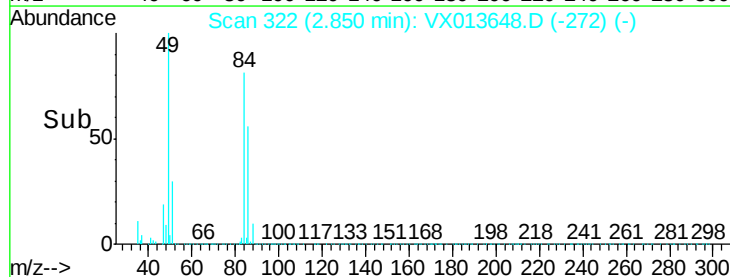
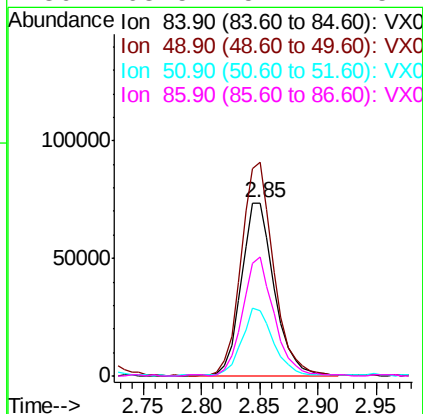
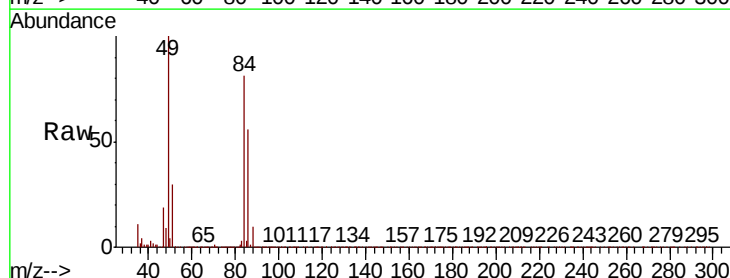
Tot Ion: 73 Resp: 426540
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5

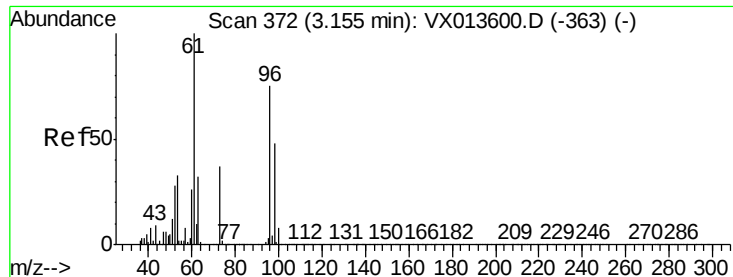


#20

Methylene Chloride
Concen: 19.132 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 84 Resp: 145333
Ion Ratio Lower Upper
84 100
49 122.8 99.7 149.5
51 36.9 29.9 44.9
86 68.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.434 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :

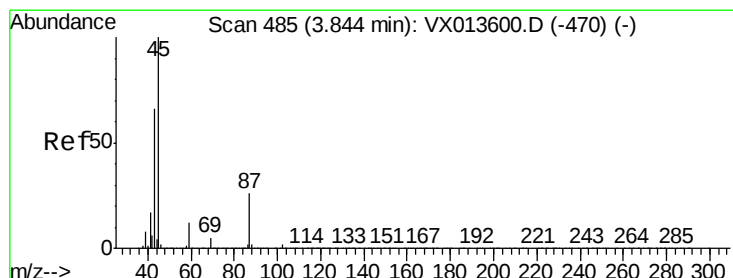
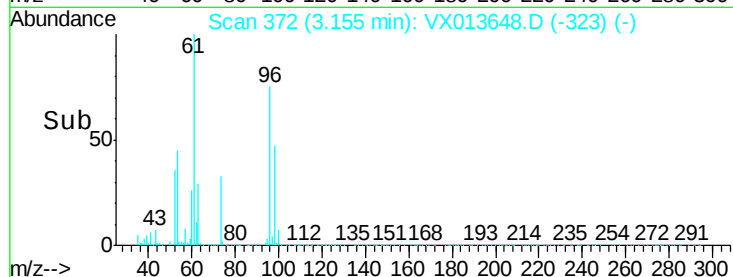
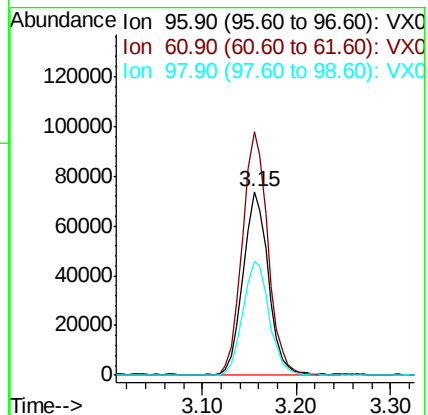
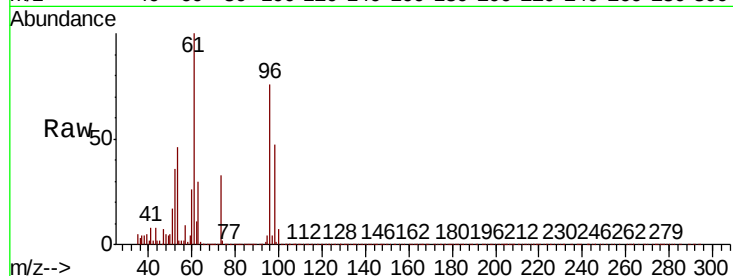
Tot Ion: 96 Resp: 139007

Ion Ratio Lower Upper

96 100

61 132.4 107.2 160.8

98 61.8 51.4 77.0



#22

Diisopropyl ether

Concen: 19.800 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion: 45 Resp: 454289

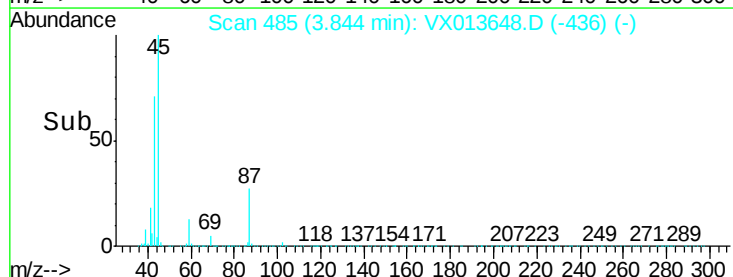
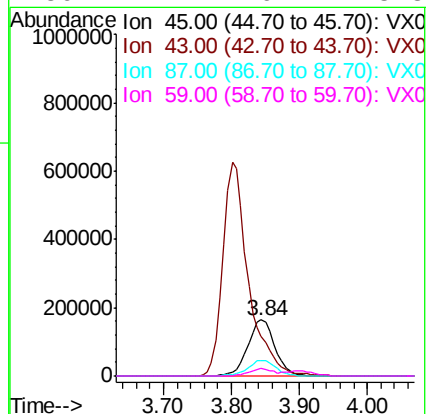
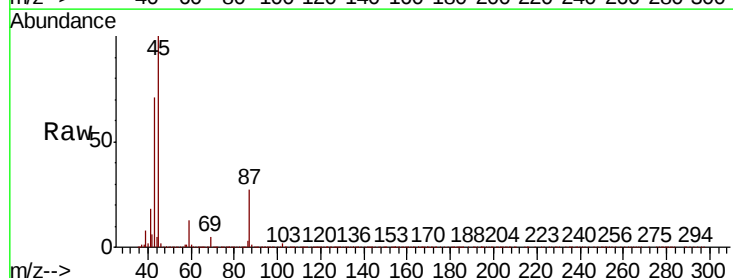
Ion Ratio Lower Upper

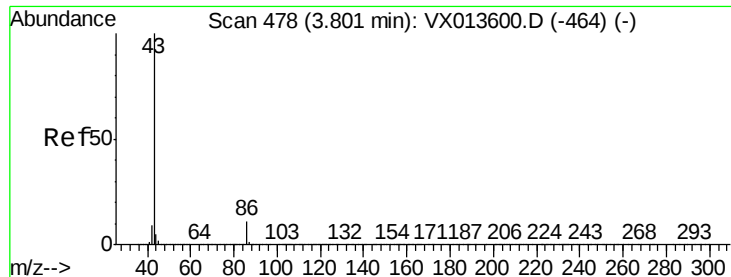
45 100

43 71.2 52.6 79.0

87 27.0 21.1 31.7

59 12.7 9.2 13.8

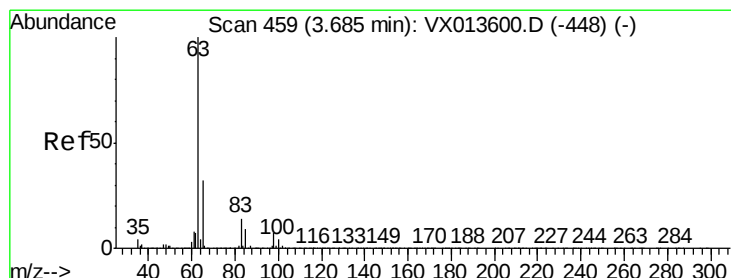
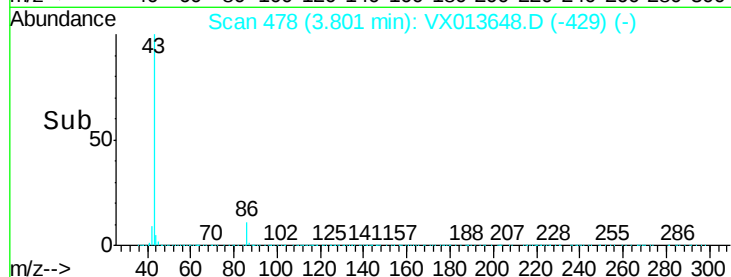
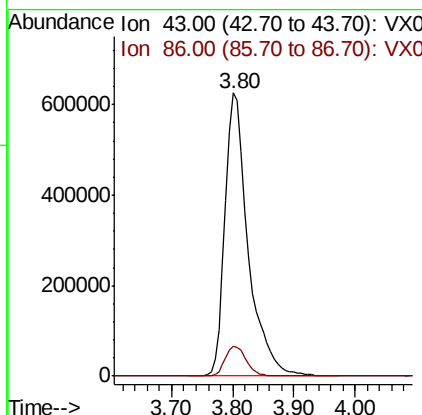
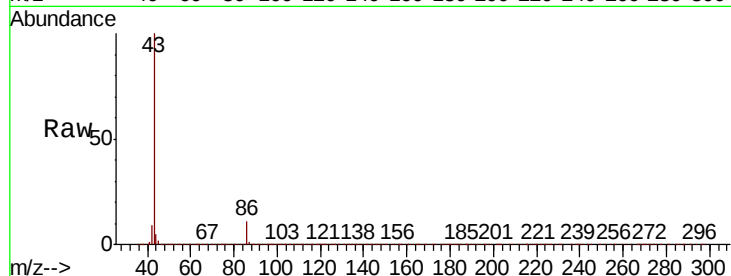




#23
 Vinyl Acetate
 Concen: 85.802 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

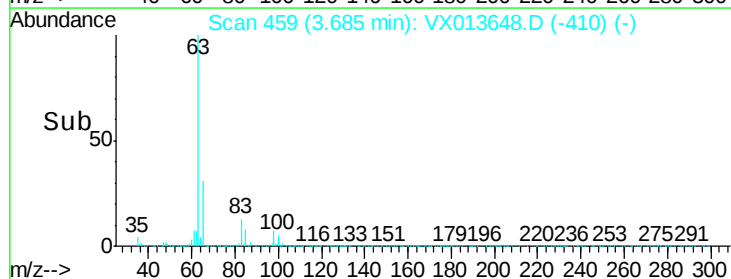
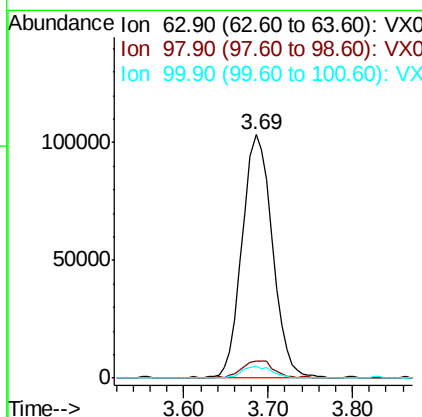
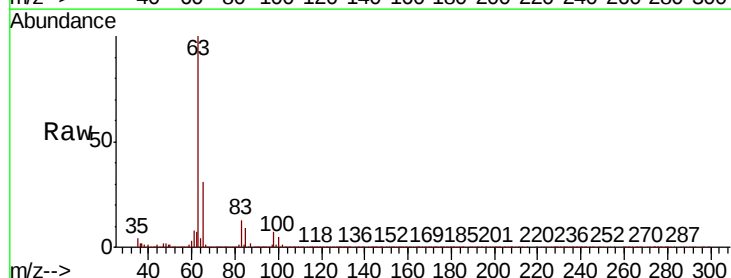
Instrument :
 MSVOA_X
 ClientSampleId :

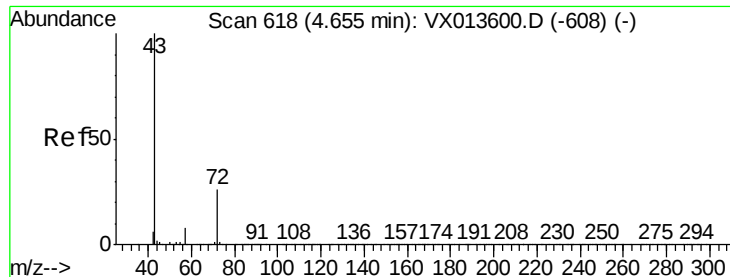
Tot Ion: 43 Resp: 1637688
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.016 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion: 63 Resp: 251057
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 101.042 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

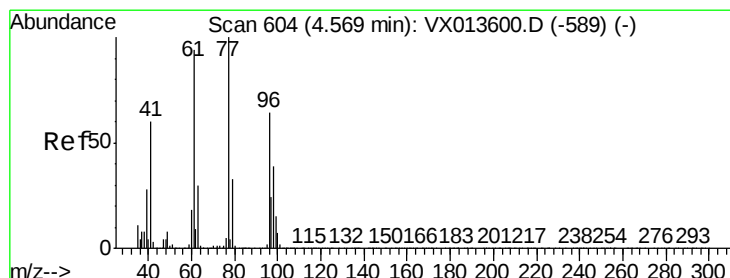
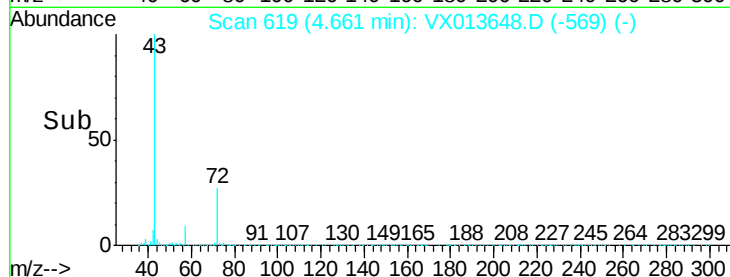
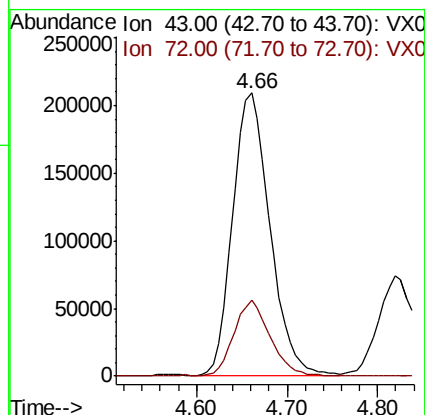
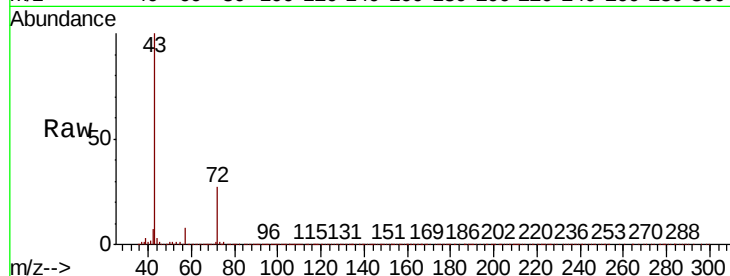
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 593757

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 18.036 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013648.D

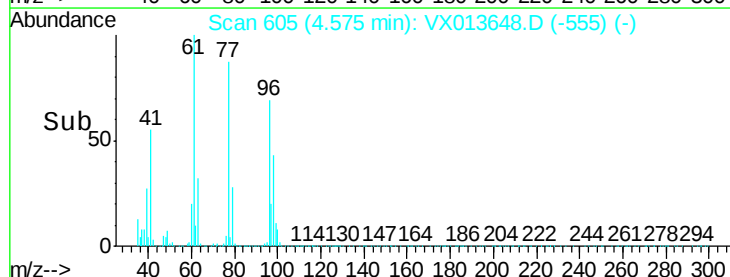
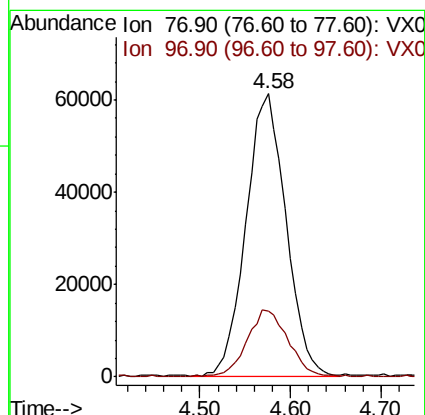
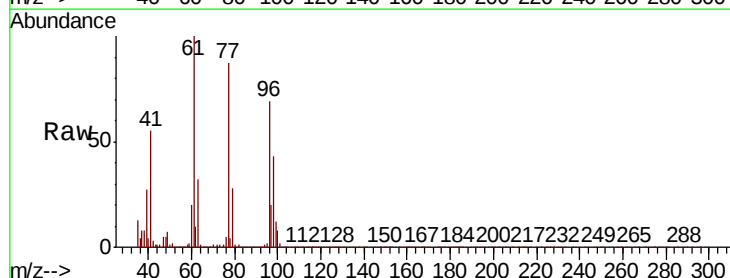
Acq: 27 Nov 2019 13:27

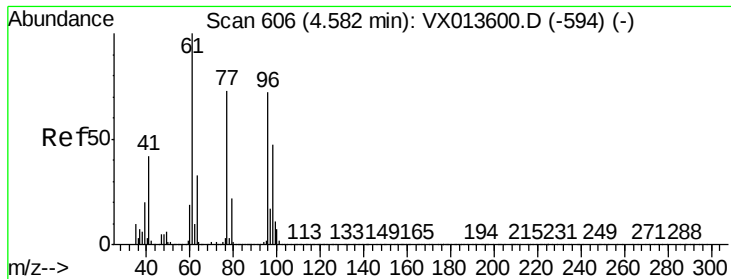
Tgt Ion: 77 Resp: 187170

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1



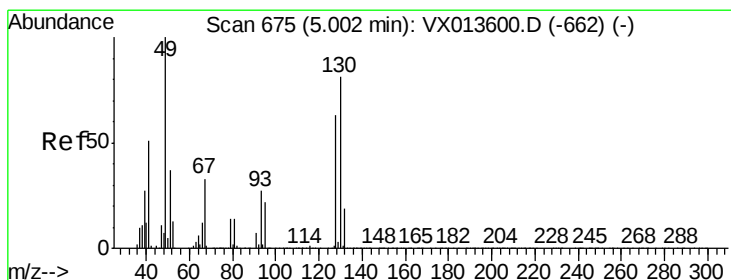
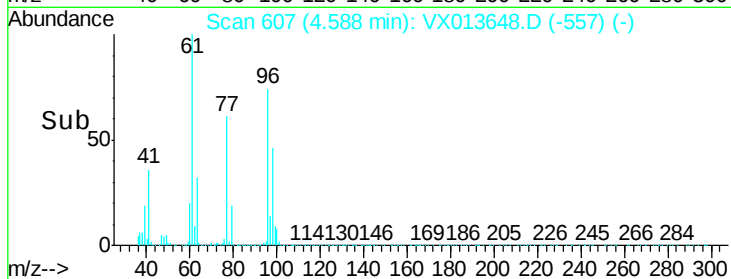
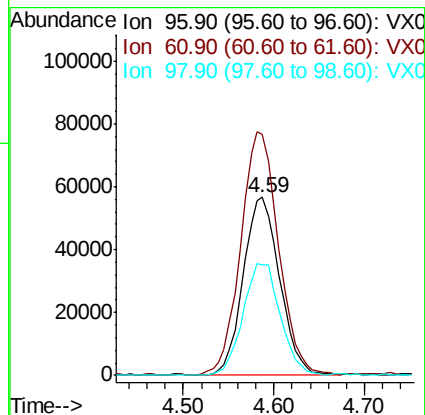
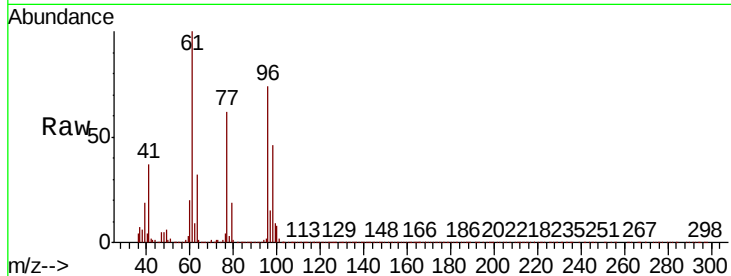


#27

cis-1,2-Dichloroethene
Concen: 19.130 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :

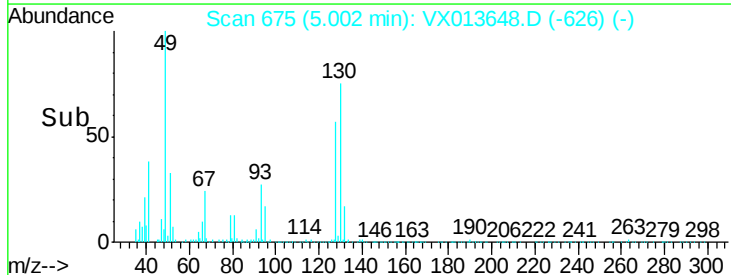
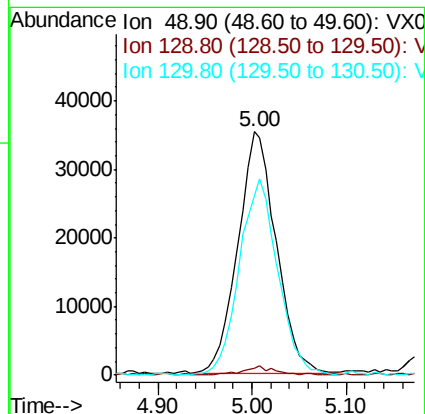
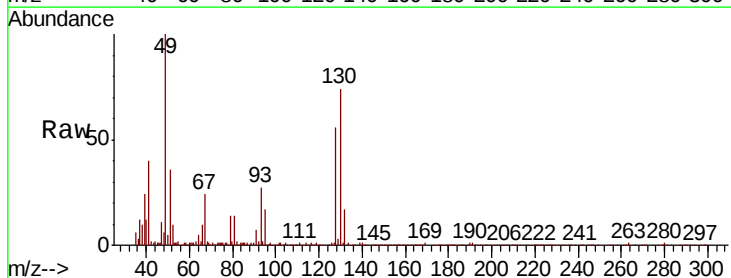
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	286.4
98	63.6	0.0	127.4

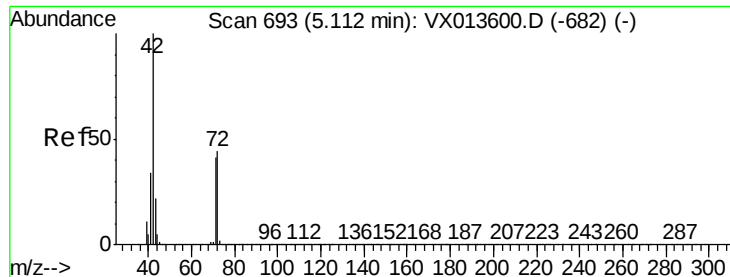


#28

Bromochloromethane
Concen: 20.215 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	81.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 99.582 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

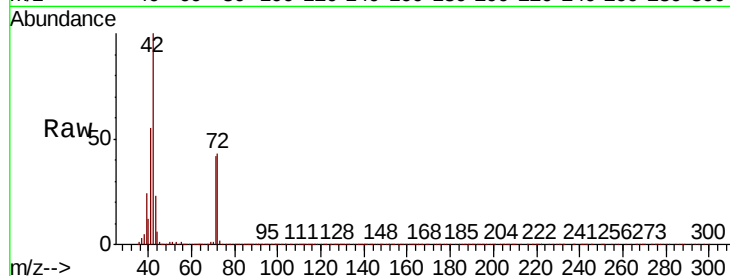
Tot Ion: 42 Resp: 360742

Ion Ratio Lower Upper

42 100

72 45.7 36.3 54.5

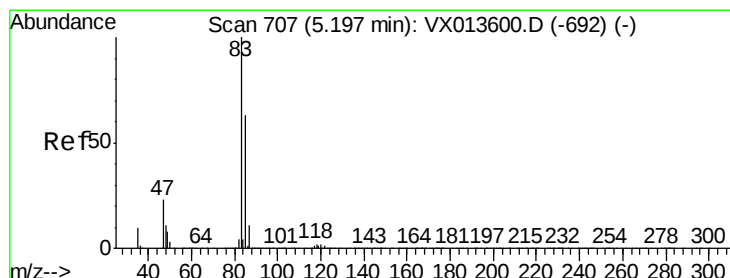
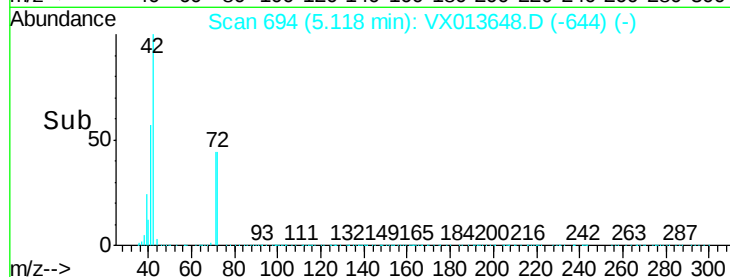
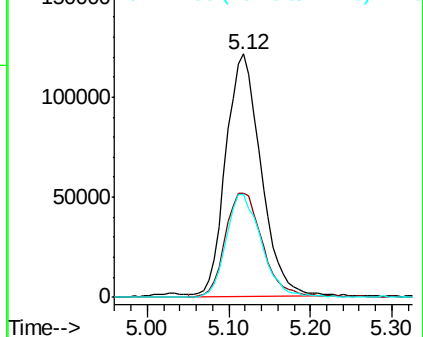
71 43.2 33.2 49.8



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: 18.950 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013648.D

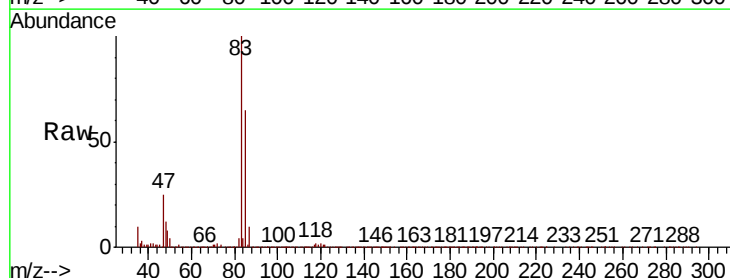
Acq: 27 Nov 2019 13:27

Tgt Ion: 83 Resp: 241048

Ion Ratio Lower Upper

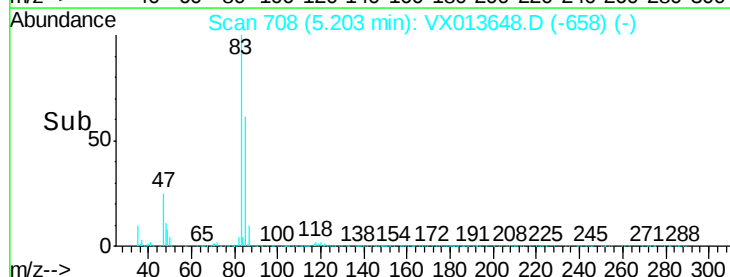
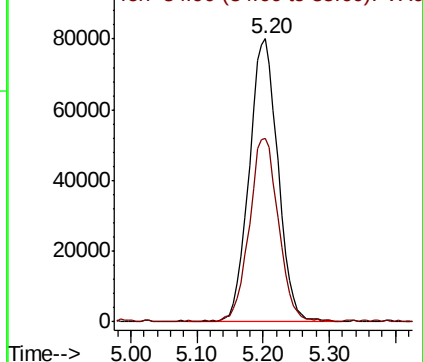
83 100

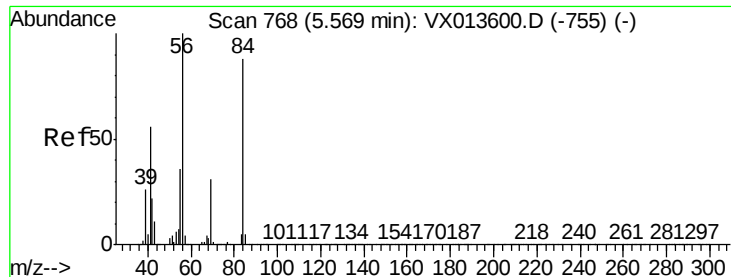
85 64.2 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

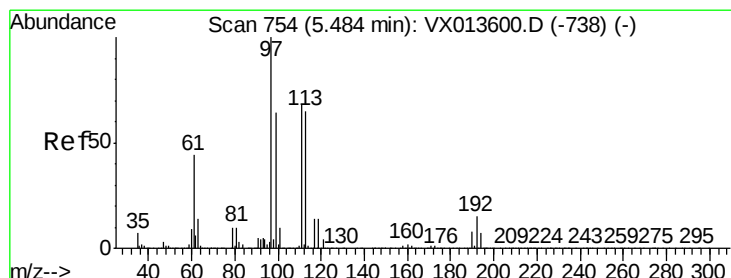
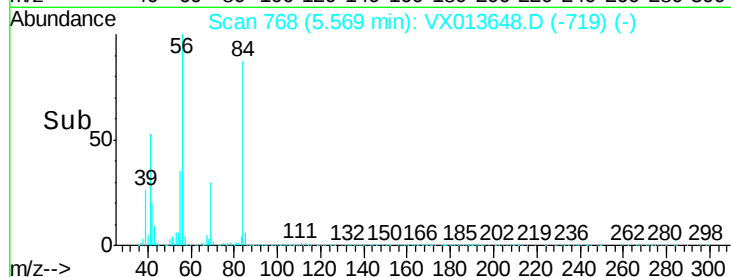
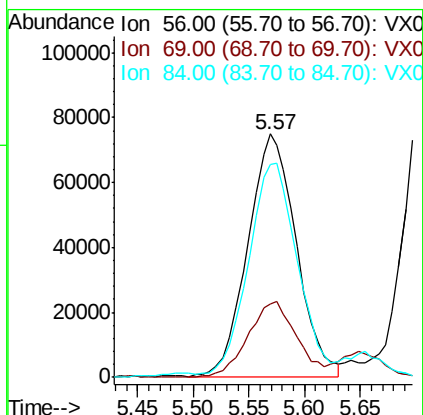
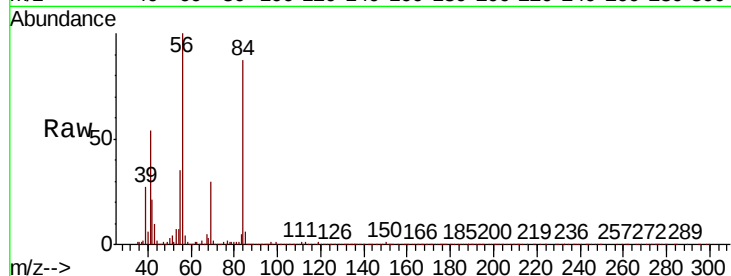




#31
Cyclohexane
Concen: 19.245 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

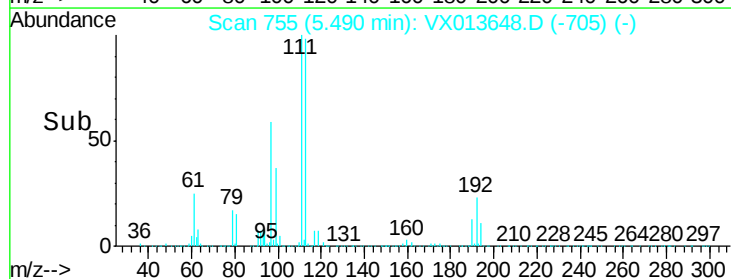
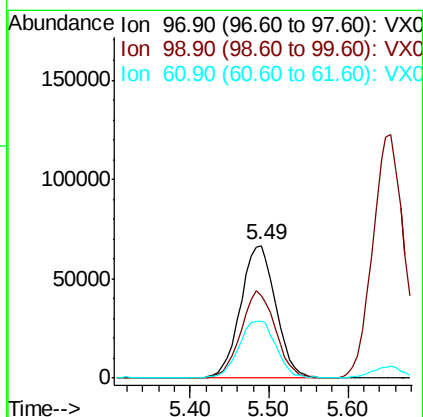
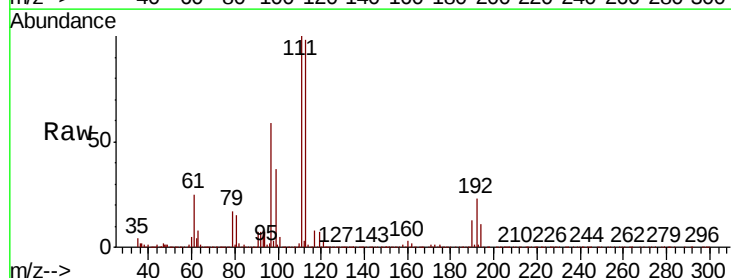
Instrument :
MSVOA_X
ClientSampleId :

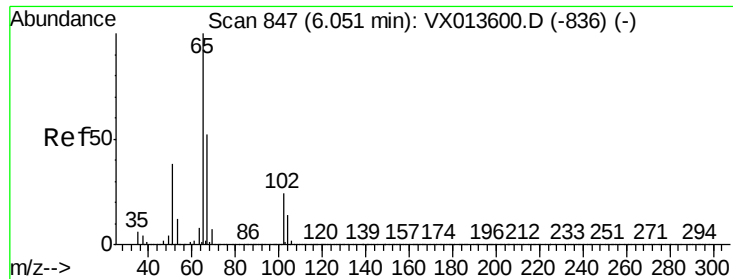
Tot Ion: 56 Resp: 227668
Ion Ratio Lower Upper
56 100
69 30.0 24.6 36.8
84 86.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.451 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 97 Resp: 206762
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 45.2 36.1 54.1

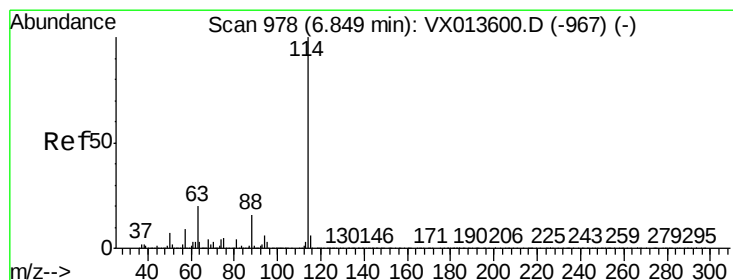
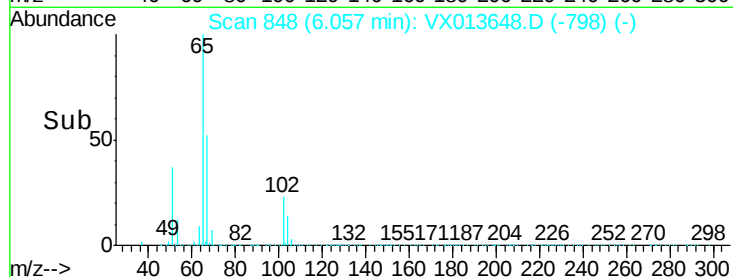
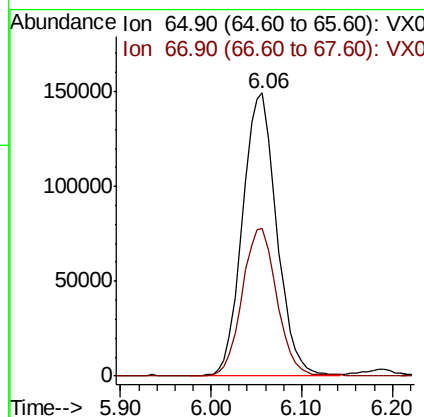
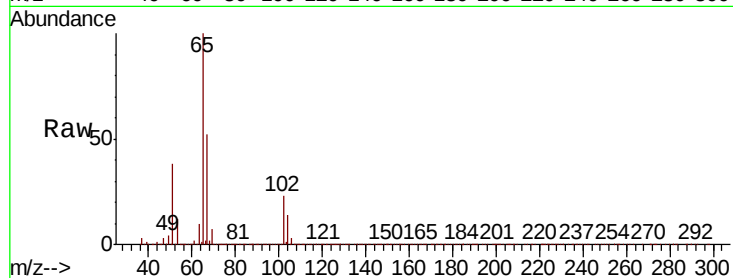




#33
 1,2-Dichloroethane-d4
 Concen: 48.396 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

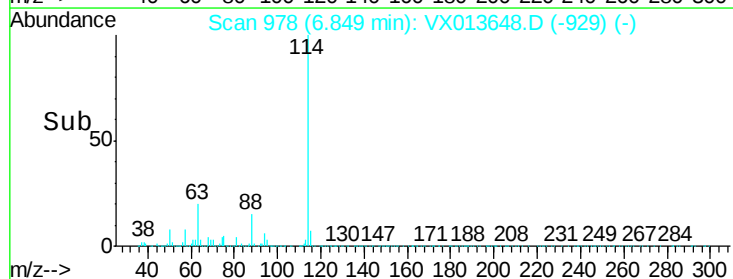
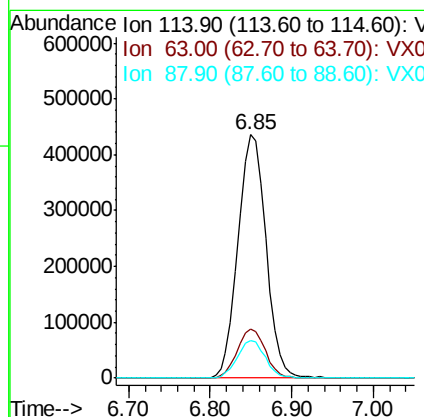
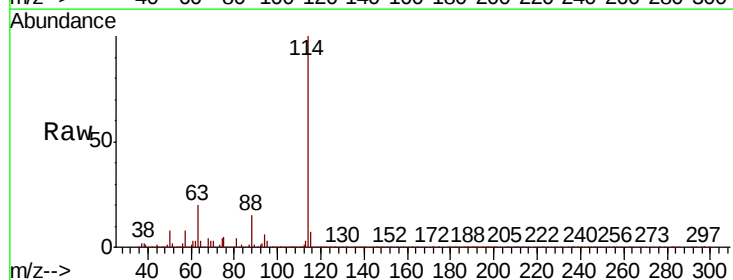
Instrument :
 MSVOA_X
 ClientSampleId :

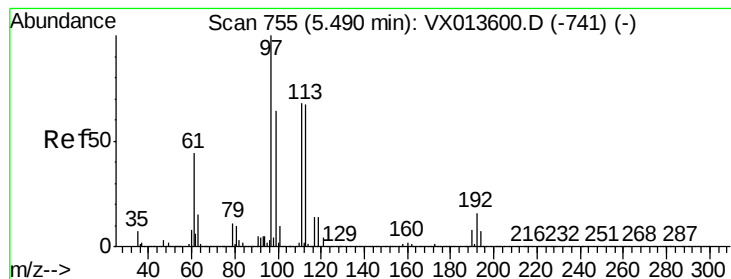
Tot Ion: 65 Resp: 387584
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion: 114 Resp: 1037026
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.743 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

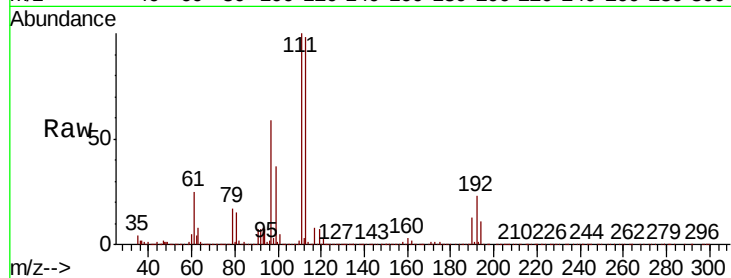
Tot Ion:113 Resp: 318902

Ion Ratio Lower Upper

113 100

111 101.9 83.6 125.4

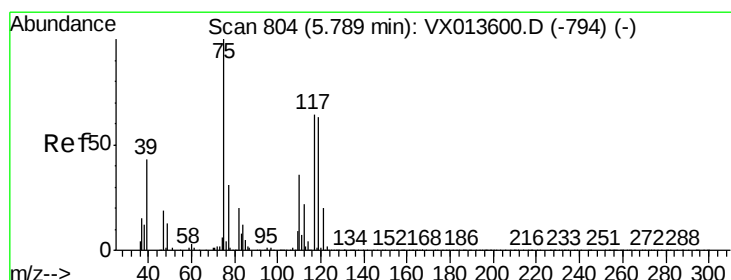
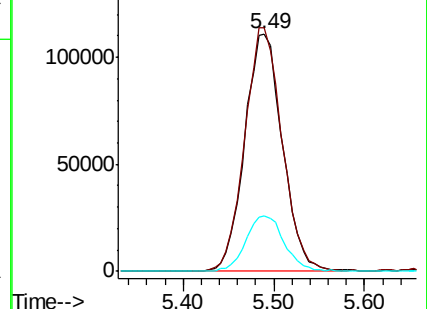
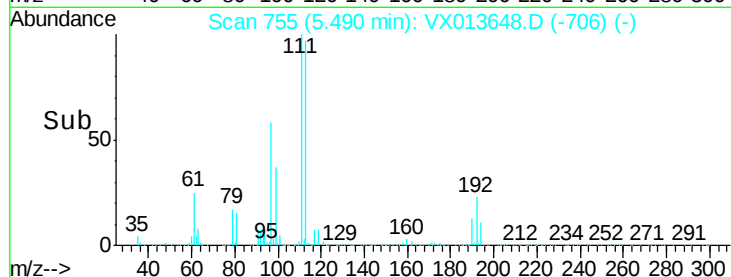
192 24.0 19.2 28.8



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: 19.420 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

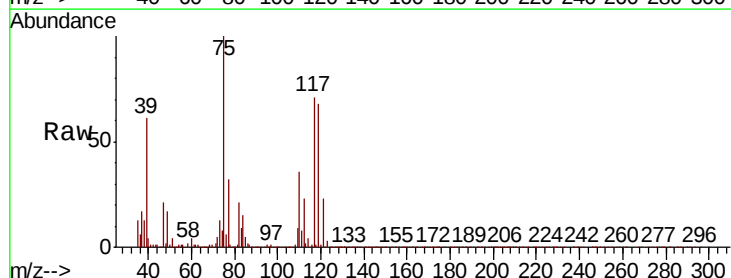
Tgt Ion: 75 Resp: 182813

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.1

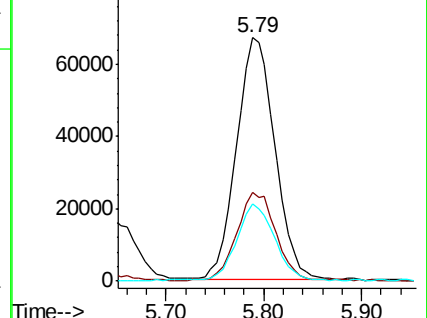
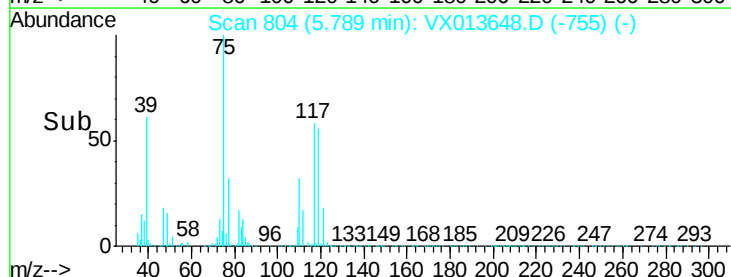
77 31.4 24.5 36.7

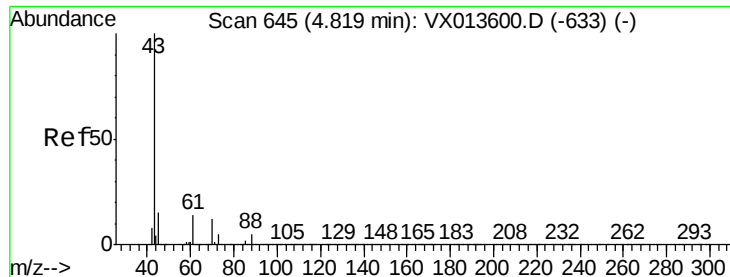


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

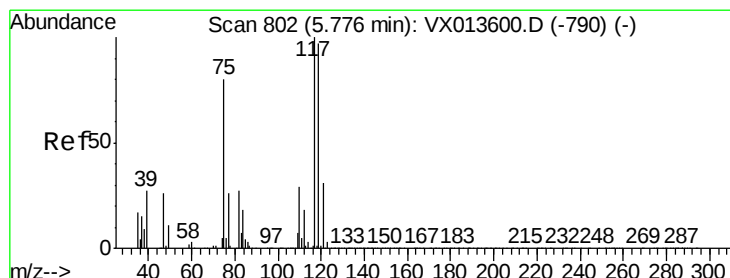
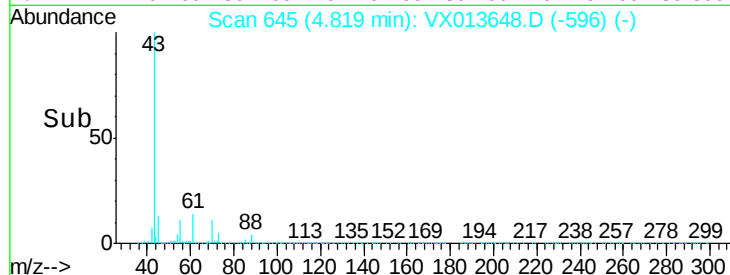
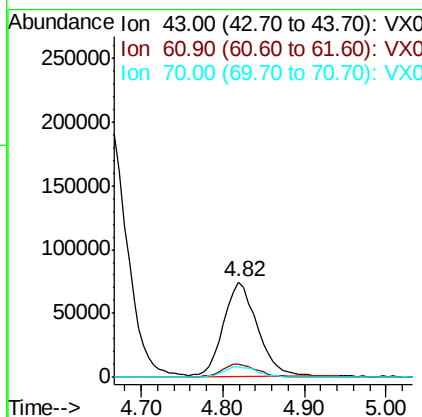
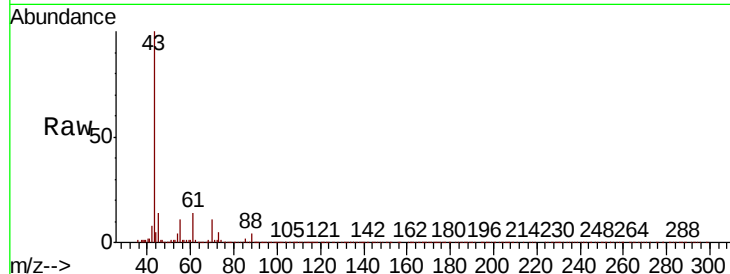




#37
Ethyl Acetate
Concen: 20.157 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

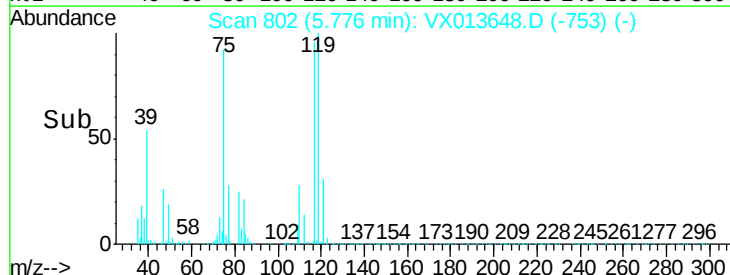
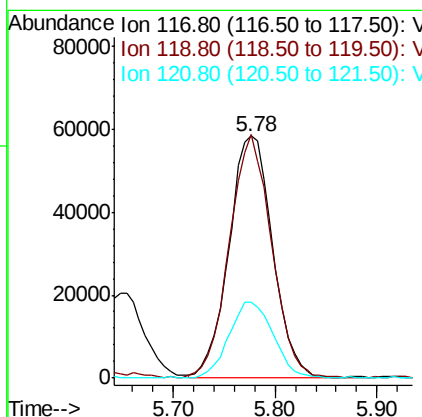
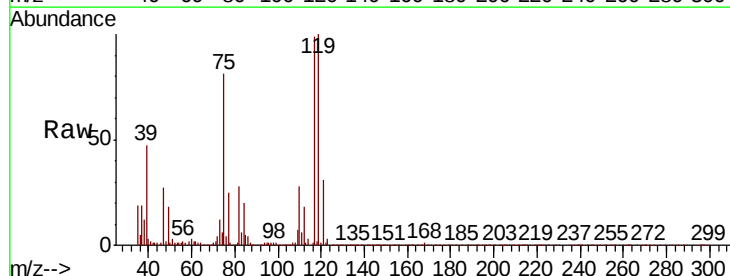
Instrument :
MSVOA_X
ClientSampleId :

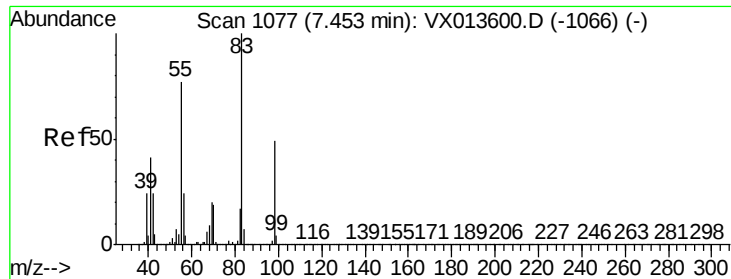
Tot Ion: 43 Resp: 212872
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.881 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 117 Resp: 172574
Ion Ratio Lower Upper
117 100
119 100.2 77.5 116.3
121 31.2 25.0 37.6

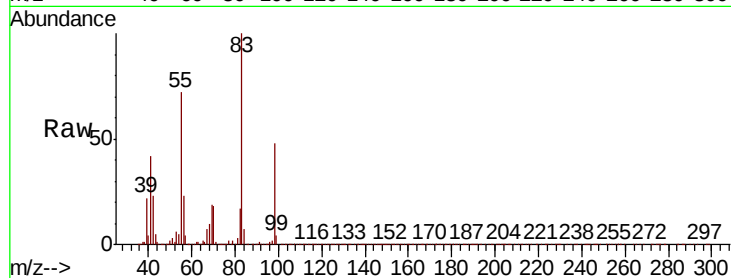




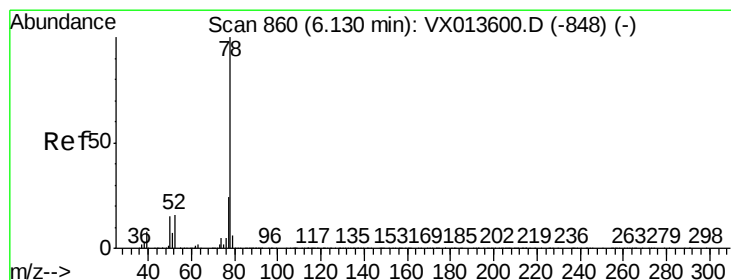
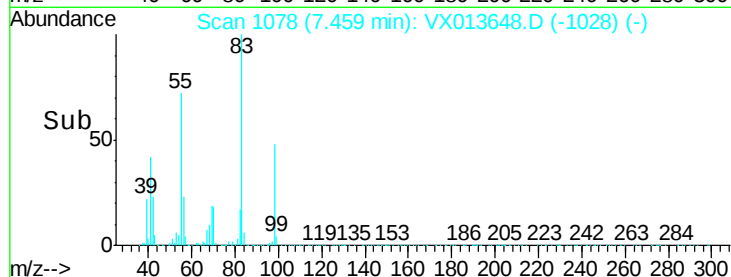
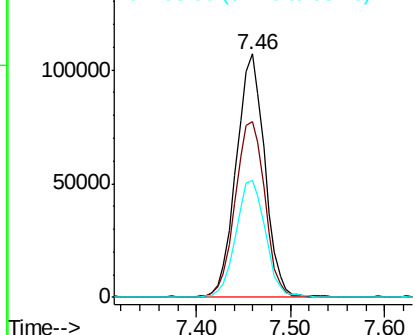
#39
Methvlcvclohexane
Concen: 19.514 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	61.9	92.9
98	47.8	39.4	59.0

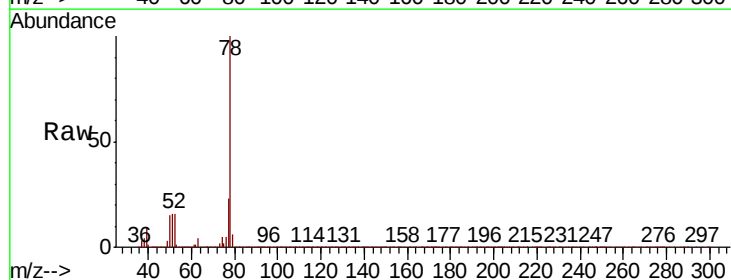


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

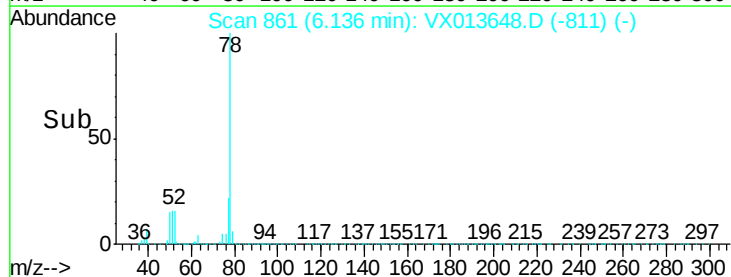
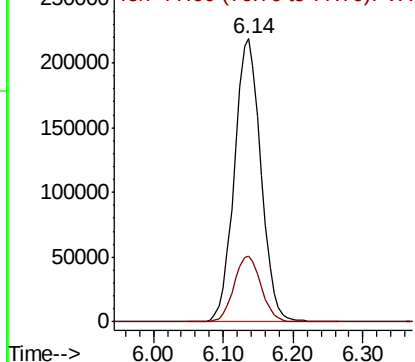


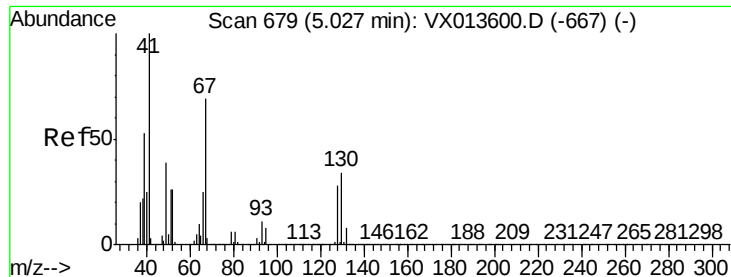
#40
Benzene
Concen: 20.008 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4



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





#41

Methacrylonitrile

Concen: 21.289 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 123299

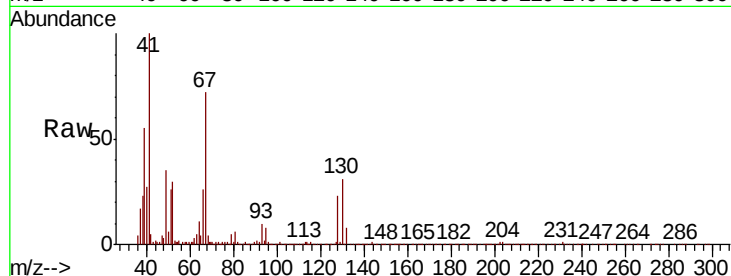
Ion Ratio Lower Upper

41 100

39 51.9 42.9 64.3

67 68.8 57.4 86.0

52 27.1 22.4 33.6

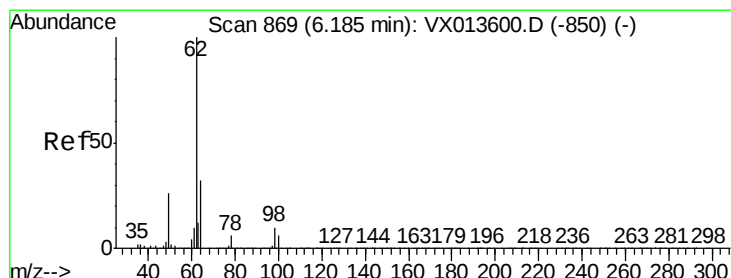
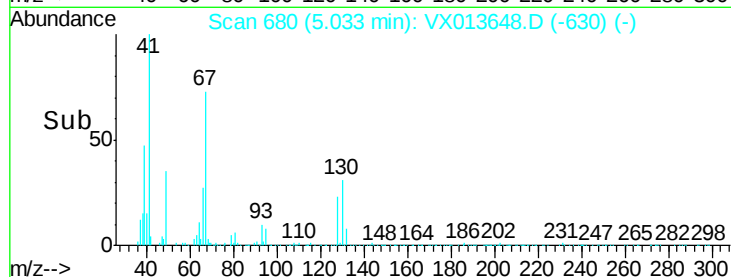
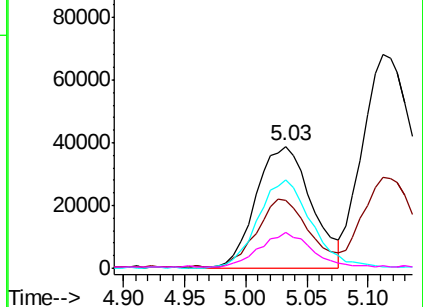


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.393 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013648.D

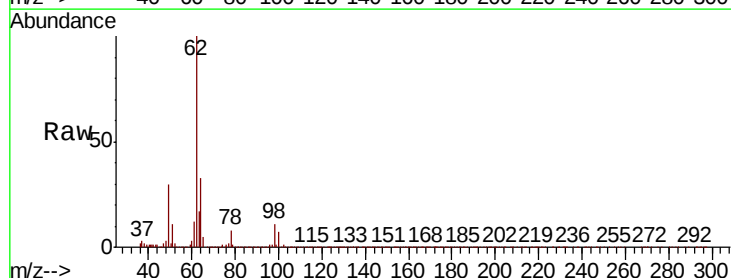
Acq: 27 Nov 2019 13:27

Tgt Ion: 62 Resp: 199404

Ion Ratio Lower Upper

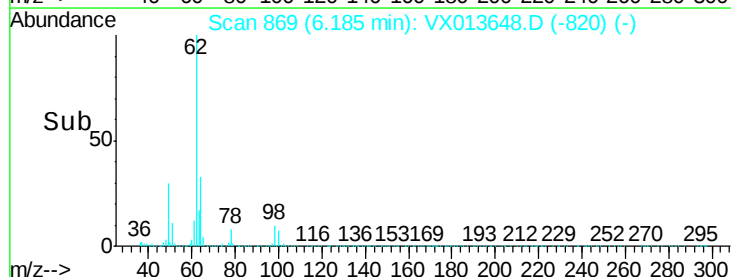
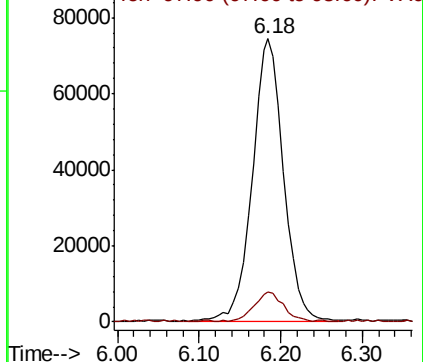
62 100

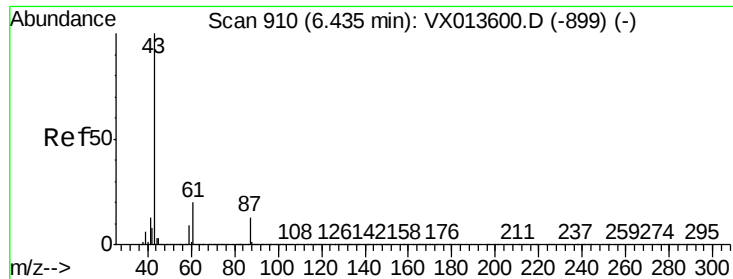
98 9.7 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



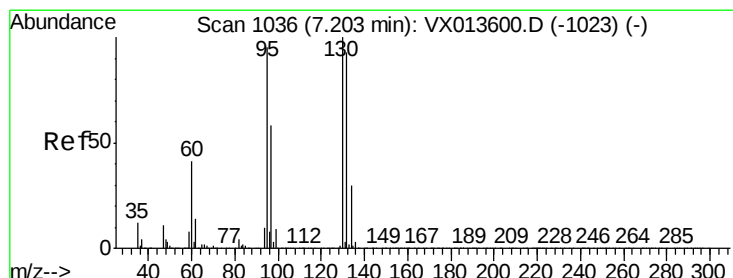
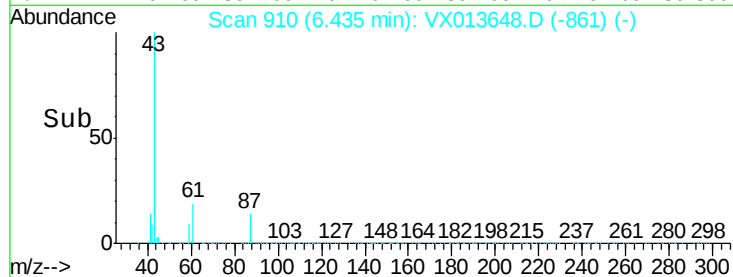
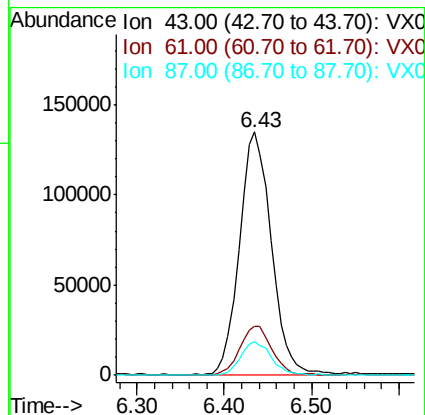
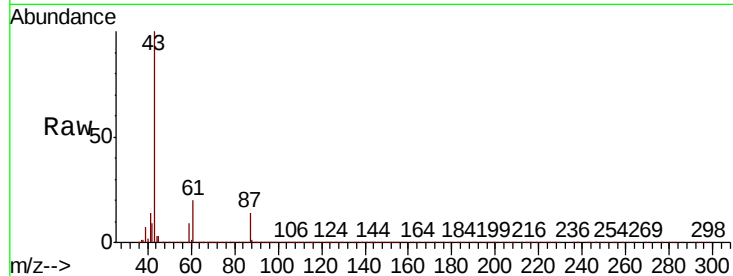


#43

Isopropyl Acetate
 Concen: 19.592 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :

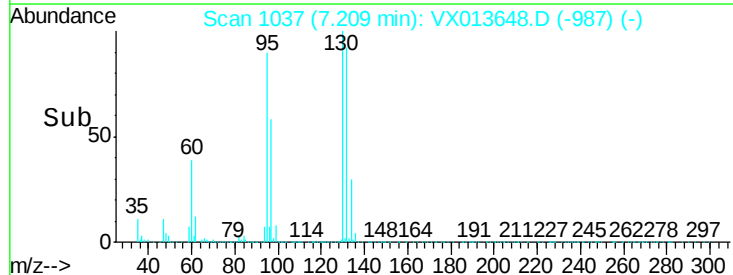
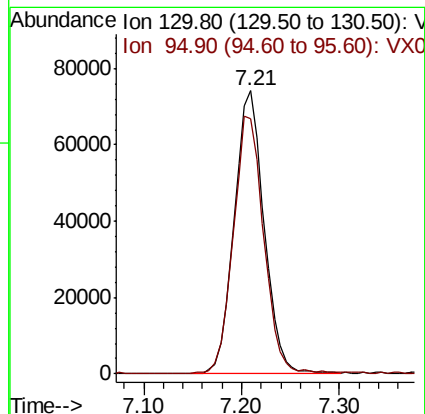
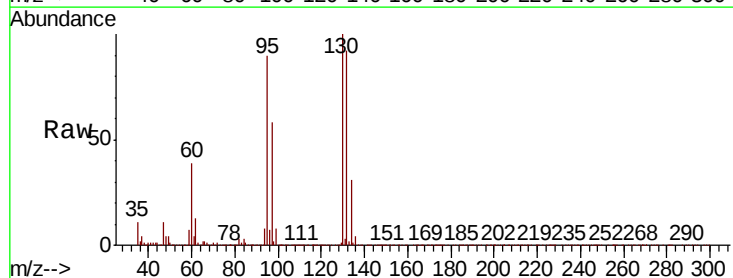
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.3	24.5
87	13.6	10.8	16.2

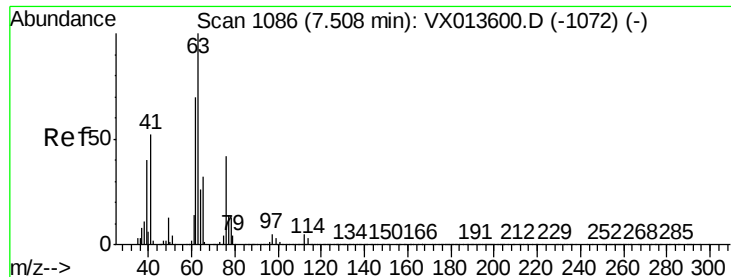


#44

Trichloroethene
 Concen: 19.953 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.213 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

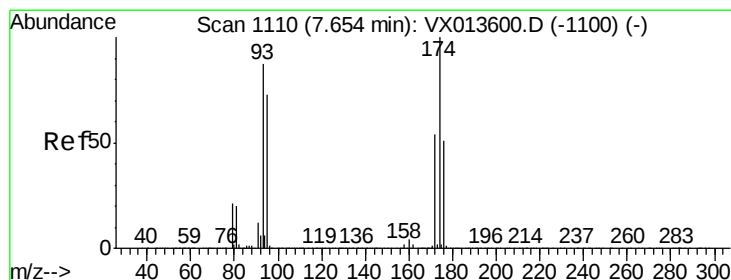
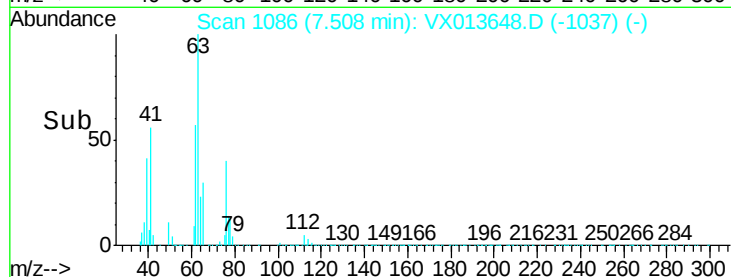
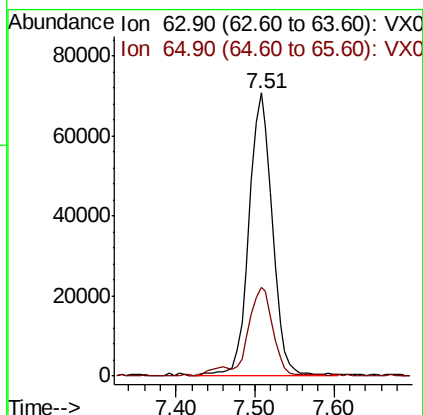
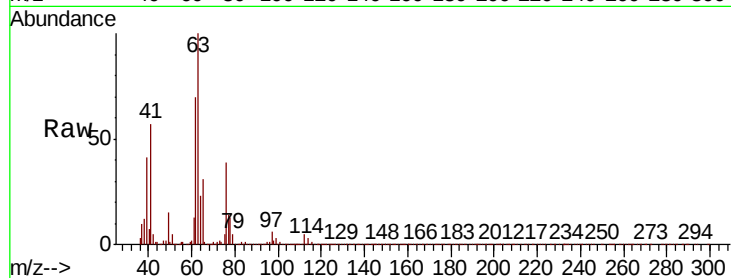
ClientSampleId :

Tot Ion: 63 Resp: 144991

Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3



#46

Dibromomethane

Concen: 19.797 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

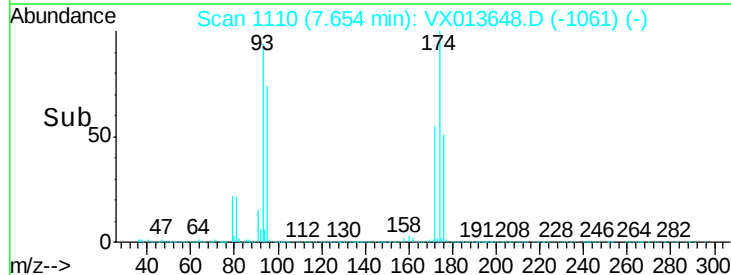
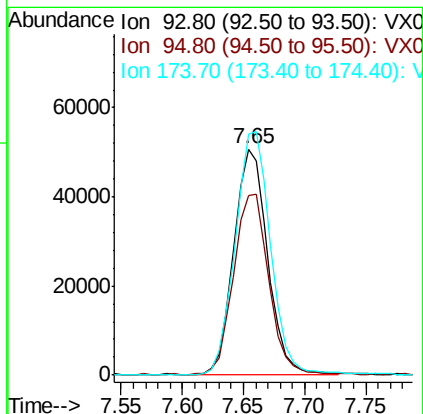
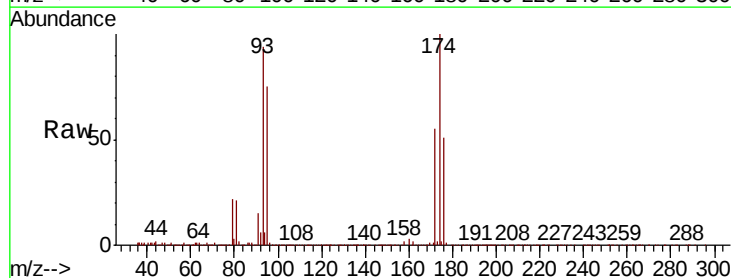
Tgt Ion: 93 Resp: 96452

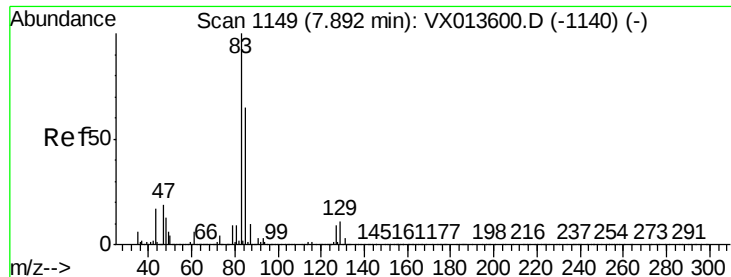
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 113.1 93.4 140.0





#47

Bromodichloromethane

Concen: 19.572 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

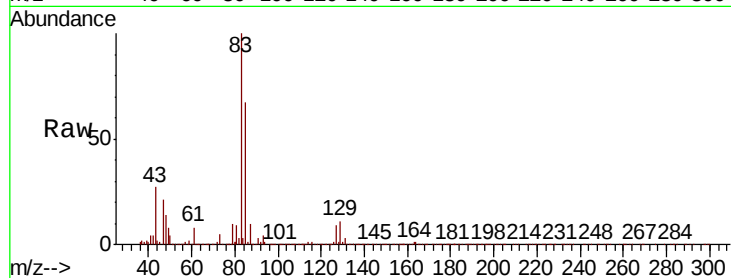
Tot Ion: 83 Resp: 180267

Ion Ratio Lower Upper

83 100

85 66.5 52.1 78.1

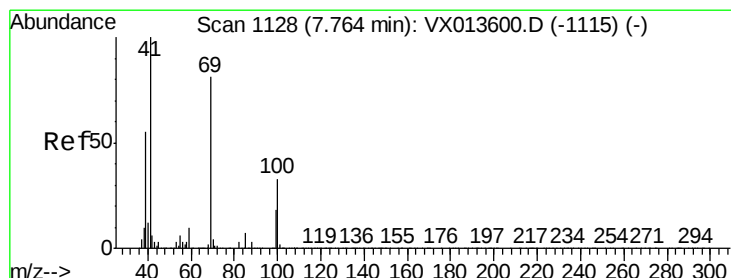
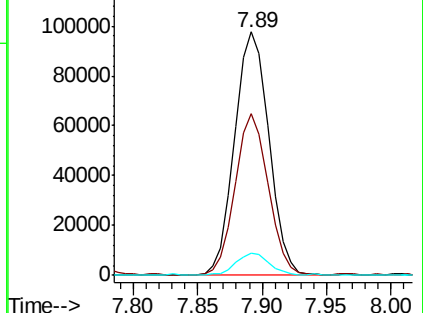
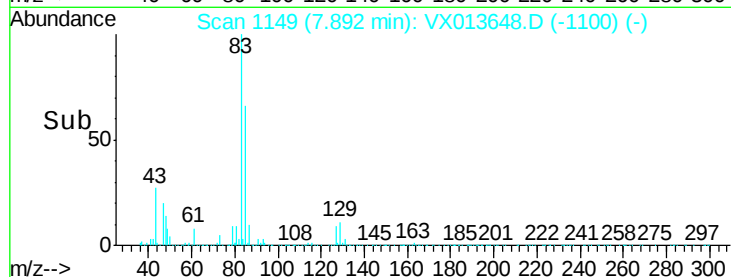
127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.956 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

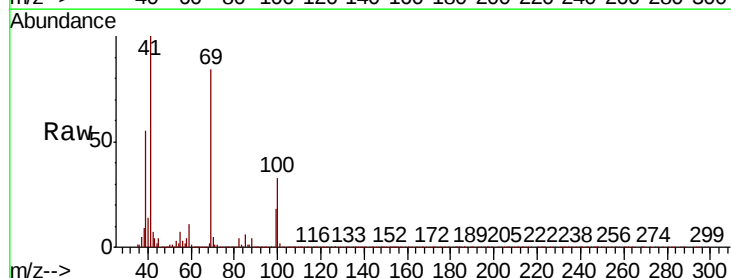
Tgt Ion: 41 Resp: 168577

Ion Ratio Lower Upper

41 100

69 82.8 64.7 97.1

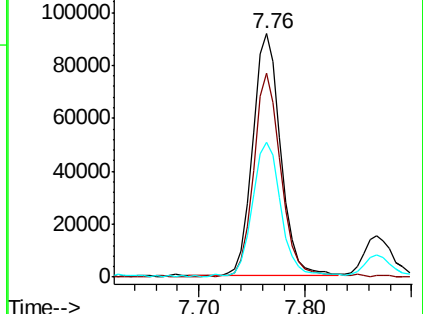
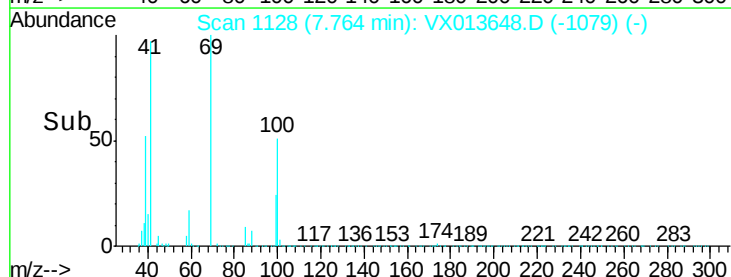
39 56.9 43.8 65.6

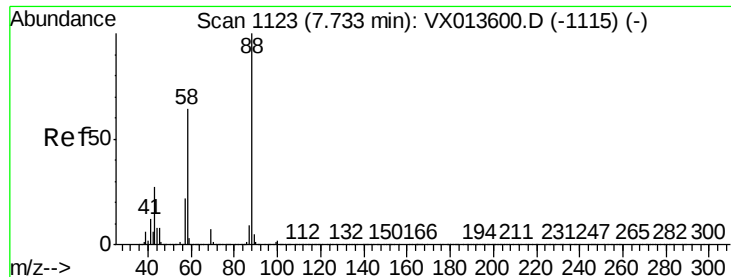


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 383.066 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :

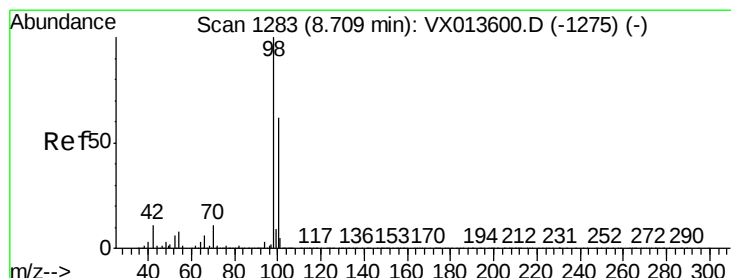
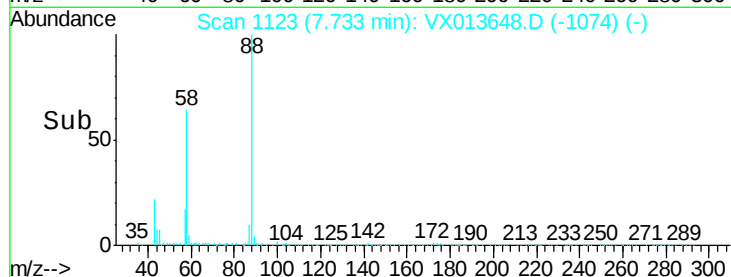
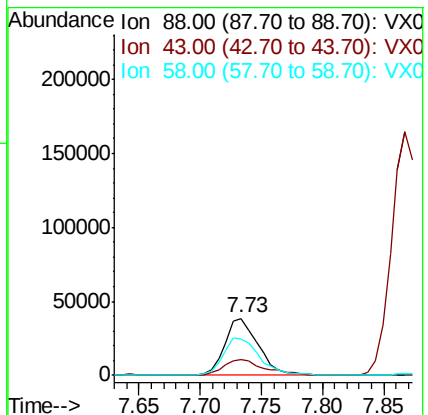
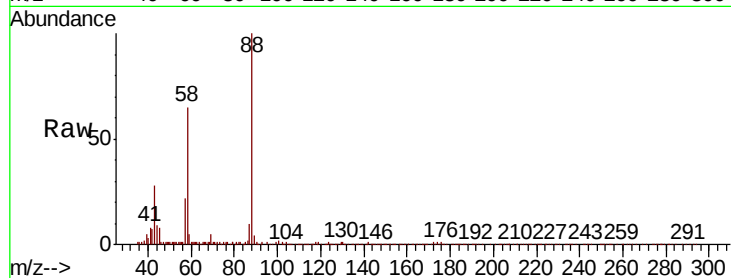
Tot Ion: 88 Resp: 72433

Ion Ratio Lower Upper

88 100

43 32.2 25.8 38.6

58 70.7 54.6 82.0



#50

Toluene-d8

Concen: 49.445 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013648.D

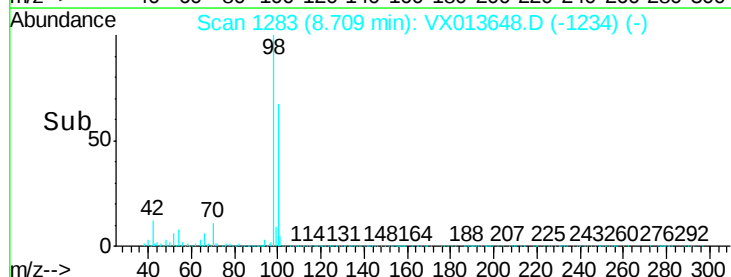
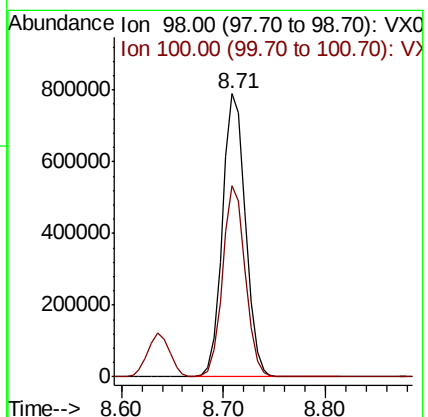
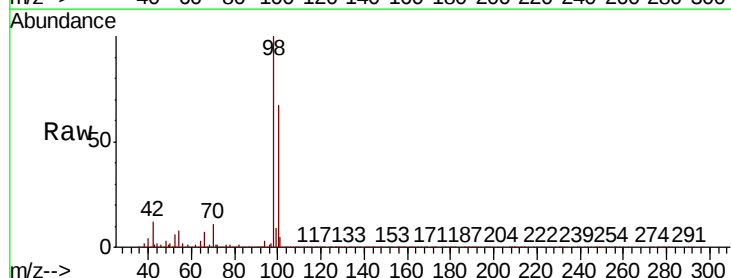
Acq: 27 Nov 2019 13:27

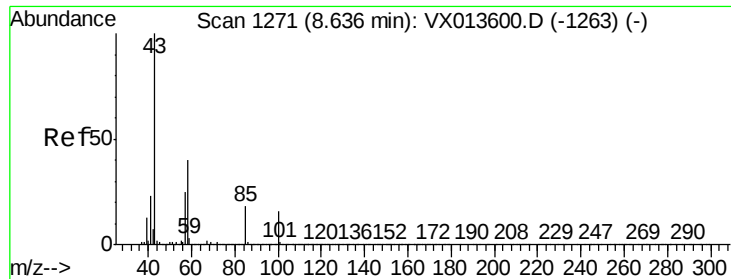
Tgt Ion: 98 Resp: 1235041

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 101.186 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

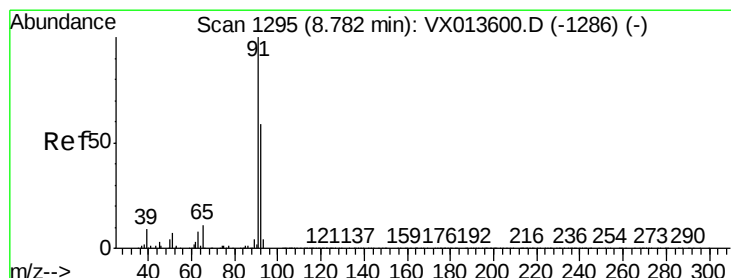
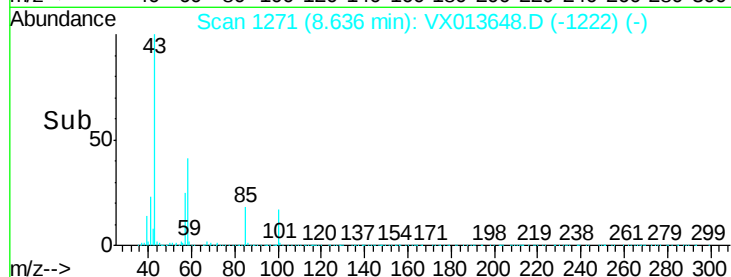
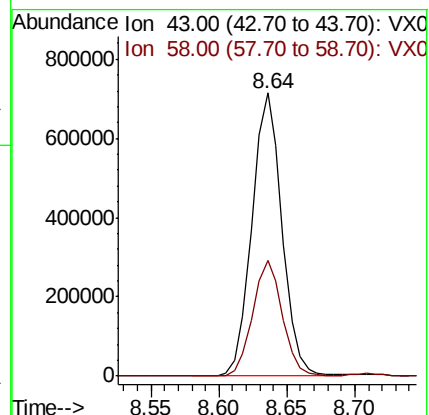
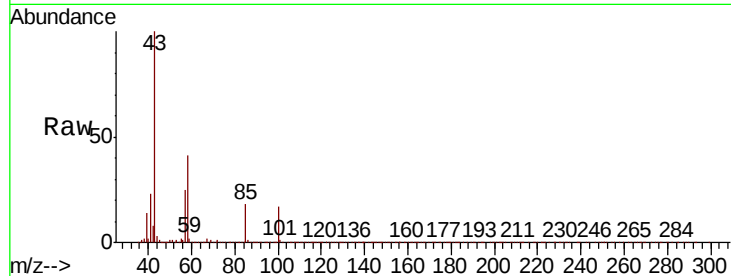
ClientSampleId :

Tot Ion: 43 Resp: 1106600

Ion Ratio Lower Upper

43 100

58 40.2 32.1 48.1



#52

Toluene

Concen: 19.974 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013648.D

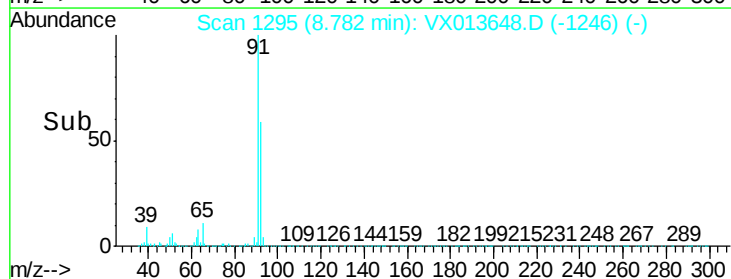
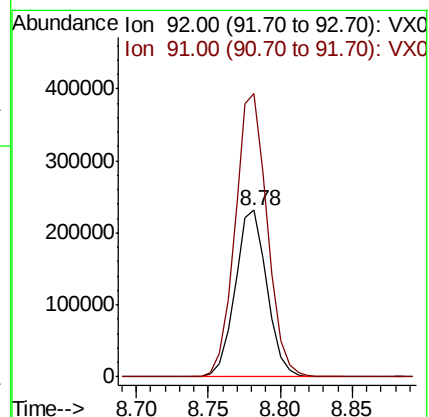
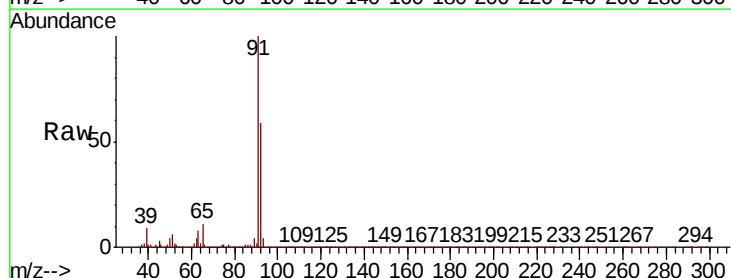
Acq: 27 Nov 2019 13:27

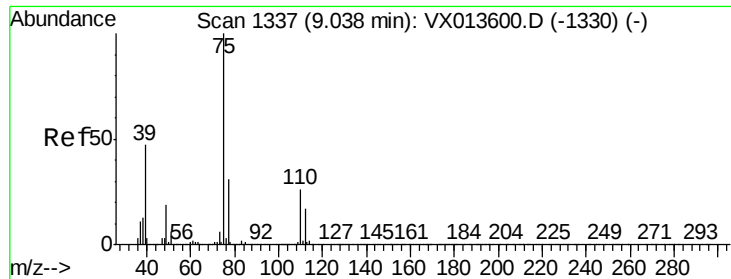
Tgt Ion: 92 Resp: 355773

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 18.737 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

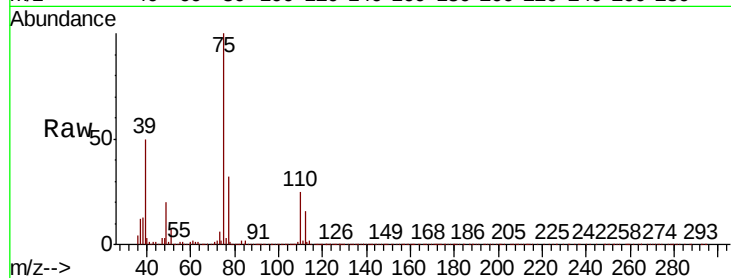
ClientSampleId :

Tot Ion: 75 Resp: 196429

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

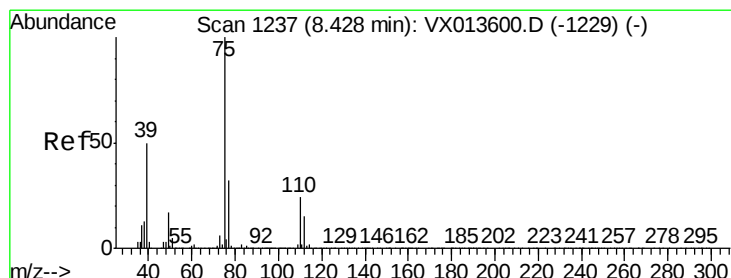
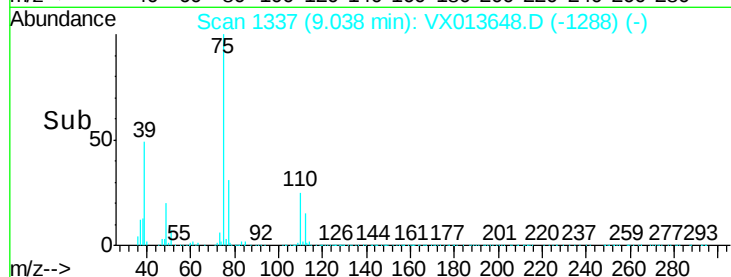
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 19.438 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

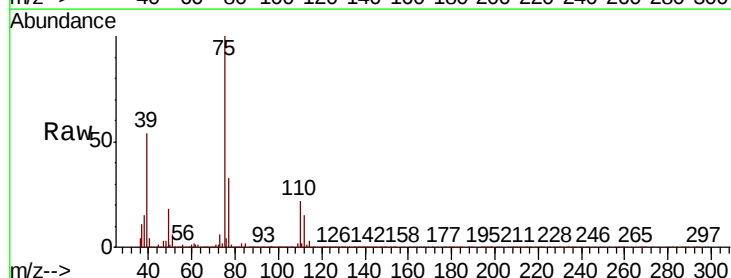
Tgt Ion: 75 Resp: 222631

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 53.6 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

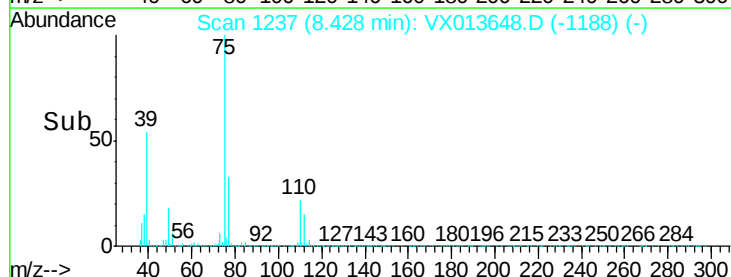
150000

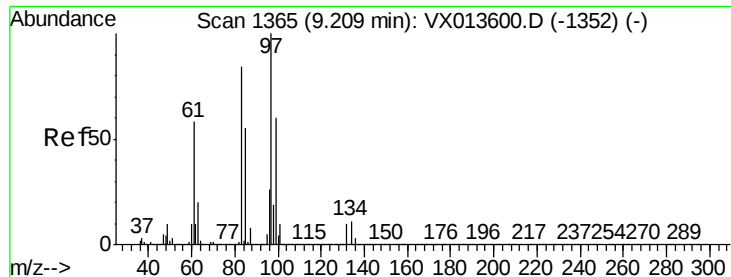
100000

50000

0

Time--> 8.30 8.40 8.50

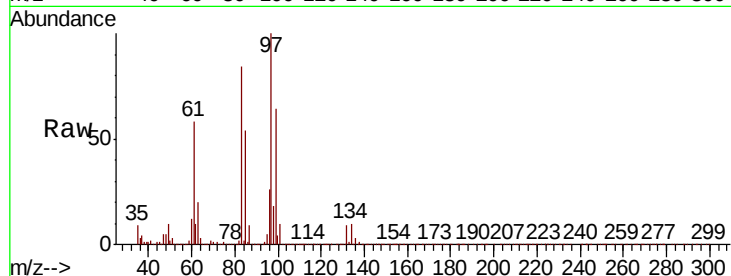




#55
 1,1,2-Trichloroethane
 Concen: 20.516 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	147255
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.3	100.9
85	54.2	43.6	65.4
99	63.4	48.2	72.4



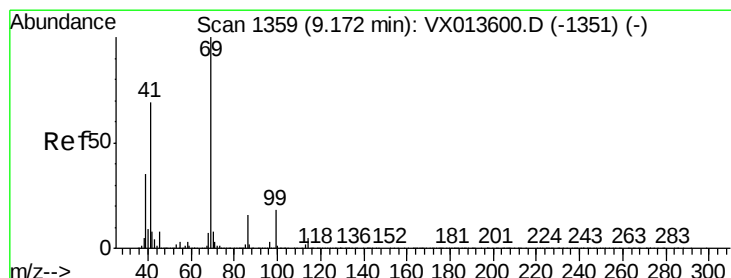
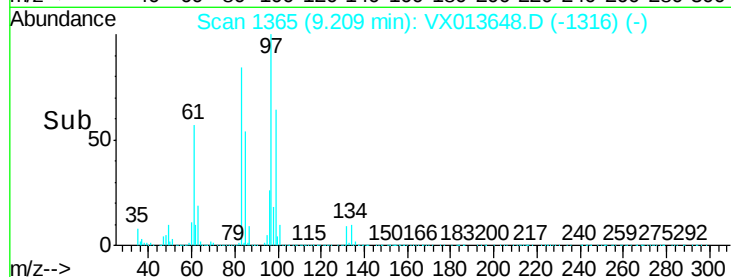
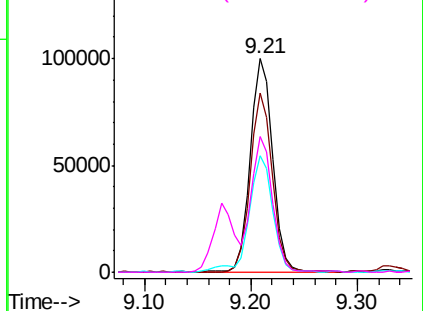
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

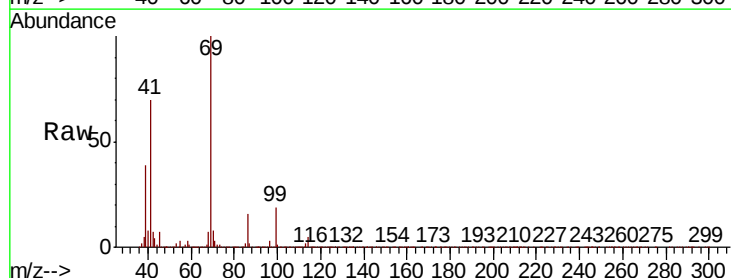
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.704 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion:	69	Resp:	227378
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.0	82.4
39	37.1	28.7	43.1

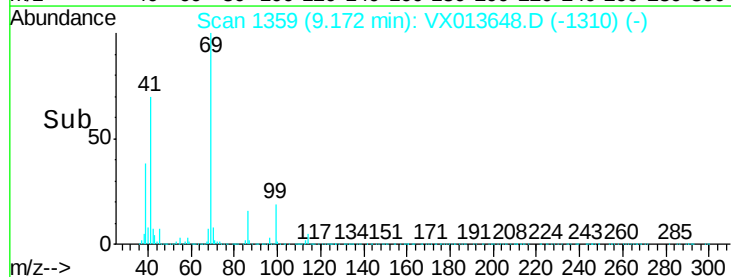
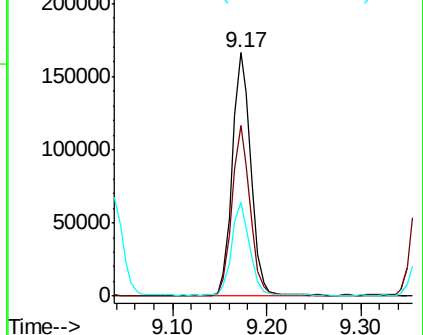


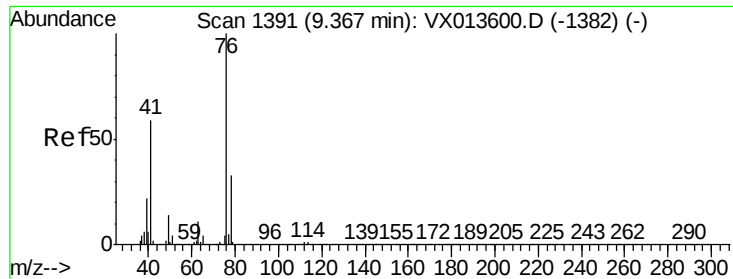
Abundance

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: 19.559 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

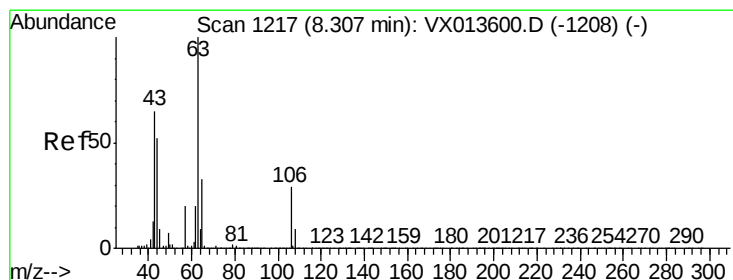
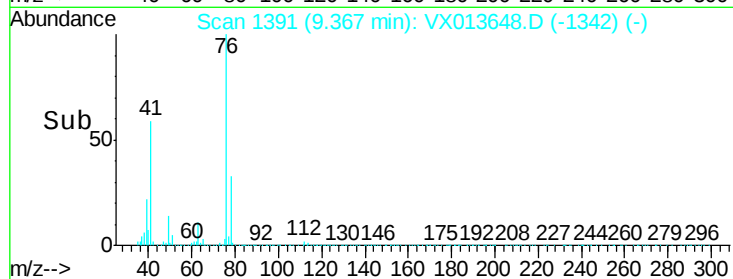
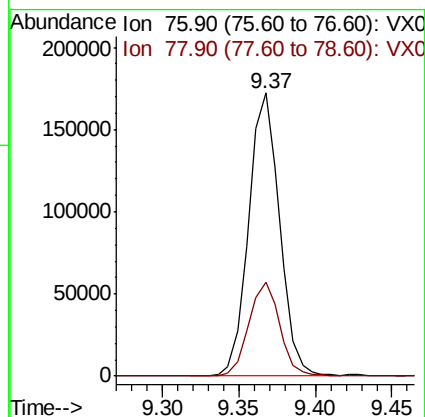
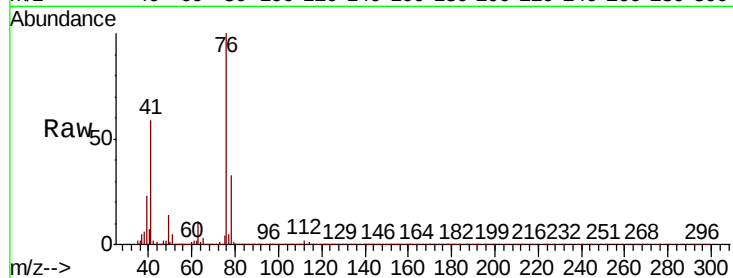
ClientSampleId :

Tot Ion: 76 Resp: 241978

Ion Ratio Lower Upper

76 100

78 33.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 97.248 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013648.D

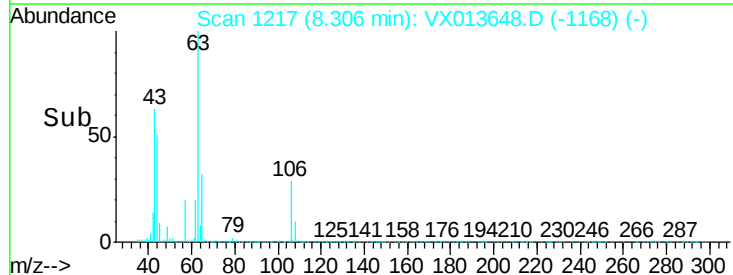
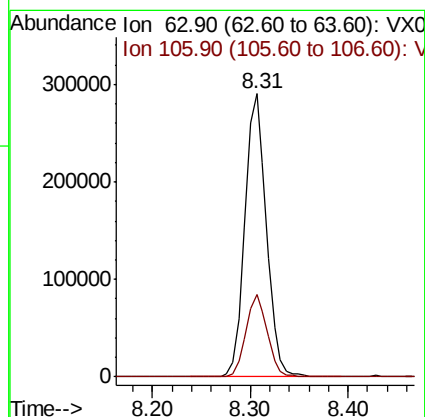
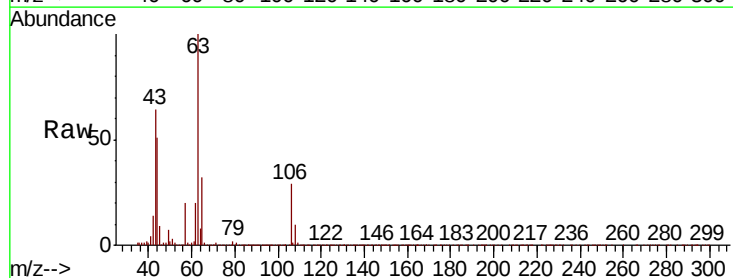
Acq: 27 Nov 2019 13:27

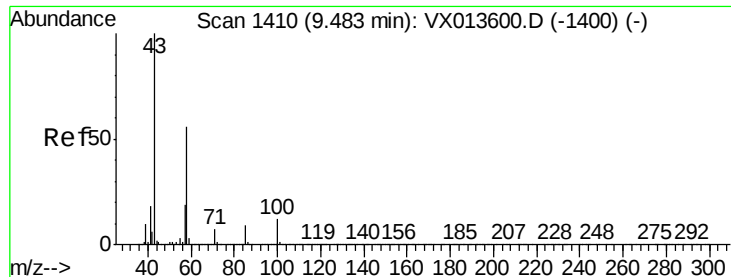
Tgt Ion: 63 Resp: 439997

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0

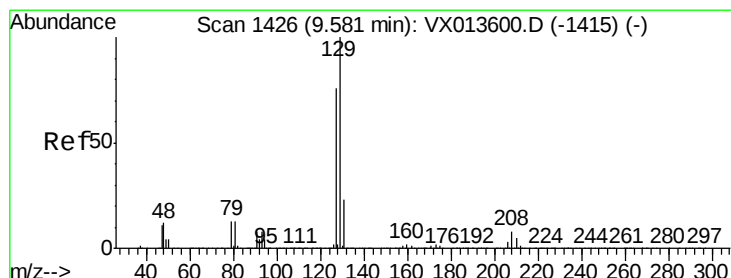
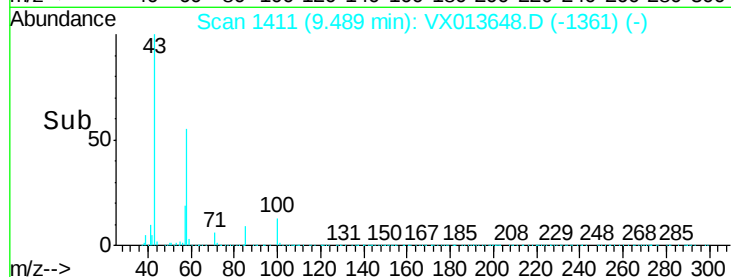
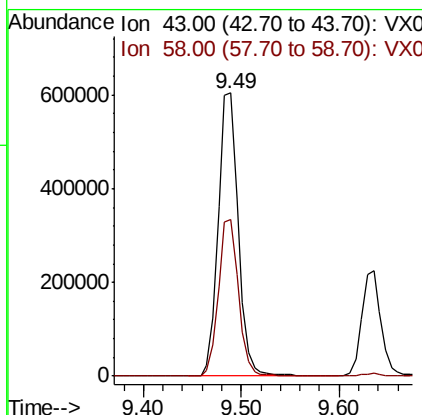
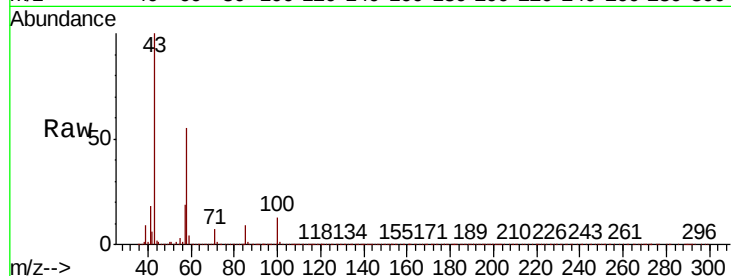




#59
2-Hexanone
Concen: 100.775 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

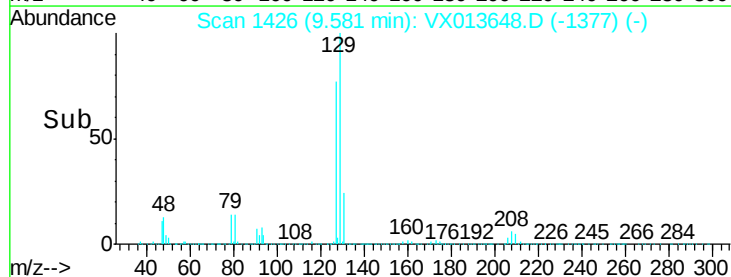
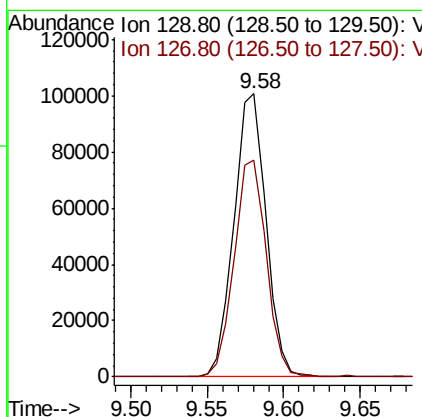
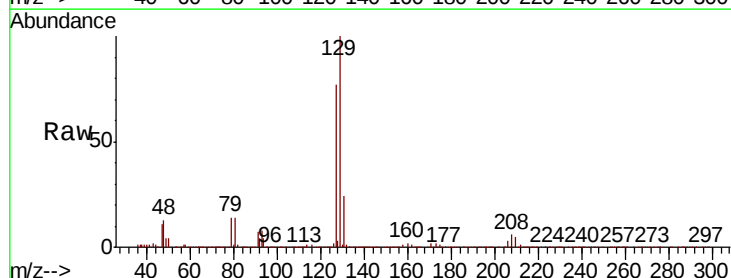
Instrument :
MSVOA_X
ClientSampleId :

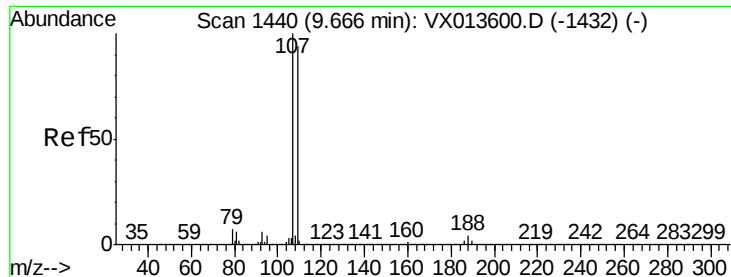
Tot Ion: 43 Resp: 859562
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4



#60
Dibromochloromethane
Concen: 19.645 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 129 Resp: 146336
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.073 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

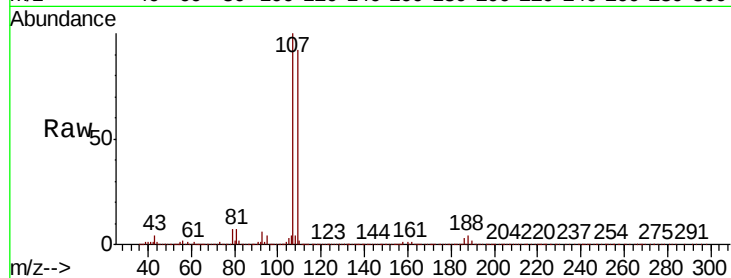
ClientSampleId :

Tot Ion:107 Resp: 153878

Ion Ratio Lower Upper

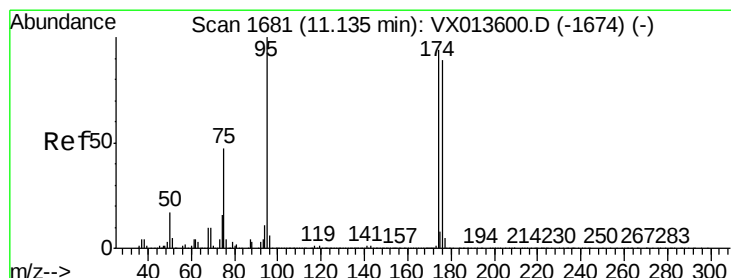
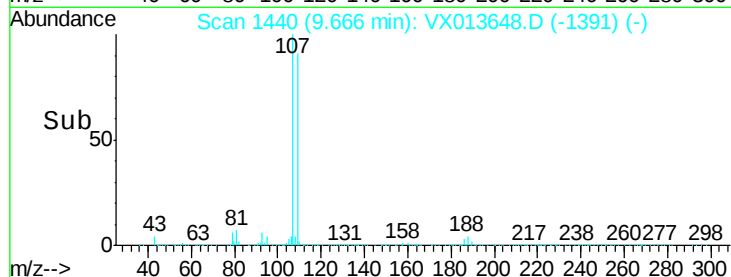
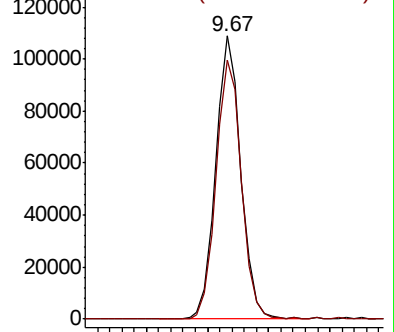
107 100

109 92.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.224 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

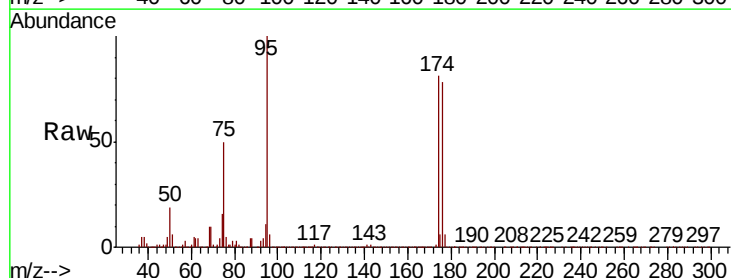
Tgt Ion: 95 Resp: 434366

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

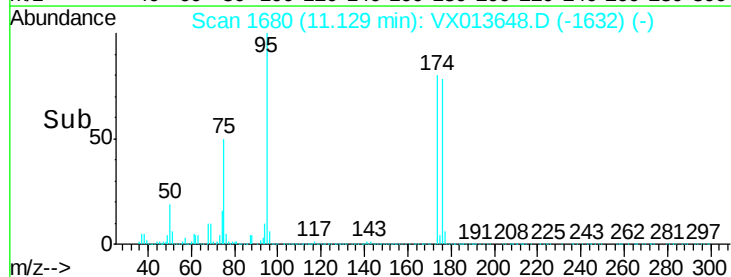
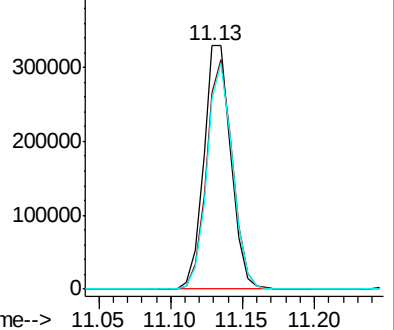
176 87.3 0.0 173.6

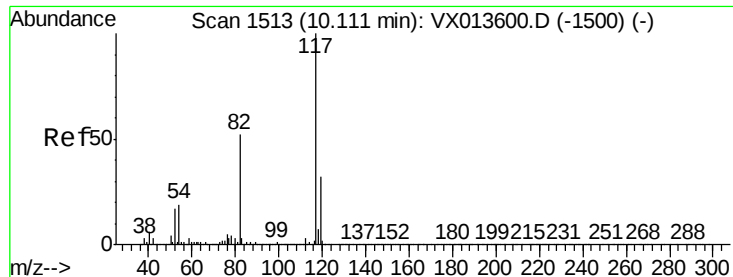


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

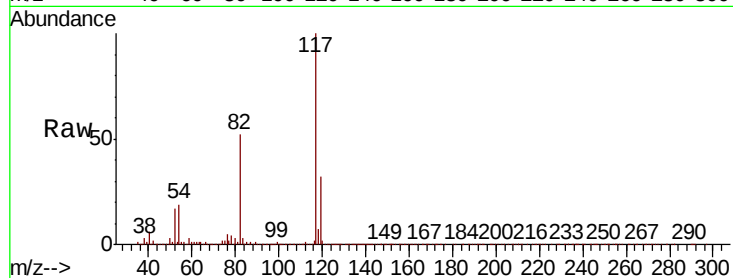
Tot Ion:117 Resp: 938941

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

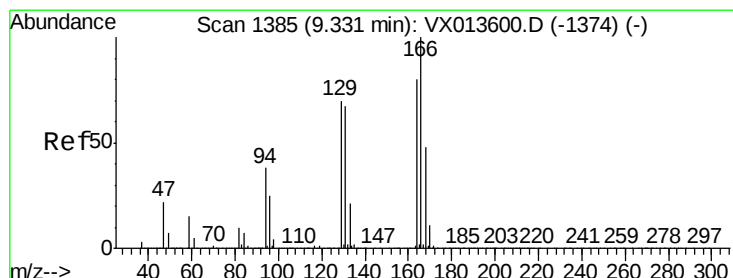
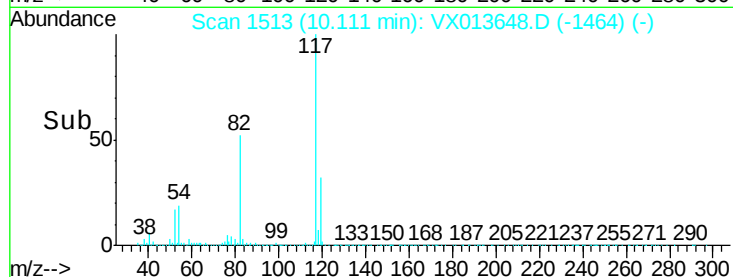
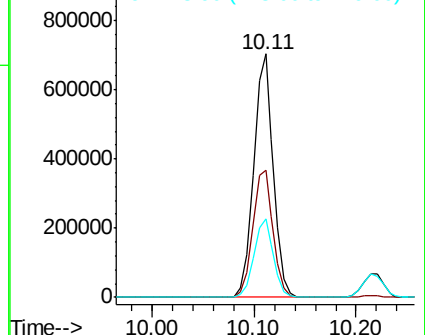
119 32.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 28.055 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:164 Resp: 196445

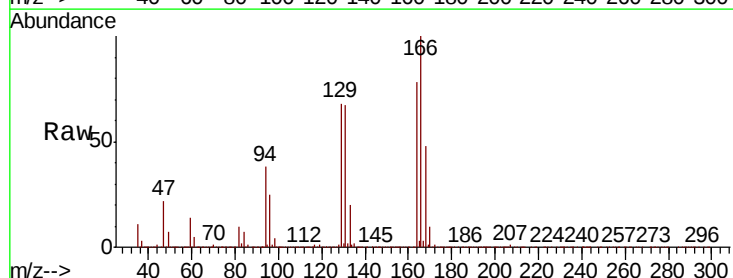
Ion Ratio Lower Upper

164 100

166 128.4 99.7 149.5

129 87.1 70.1 105.1

131 86.1 66.9 100.3

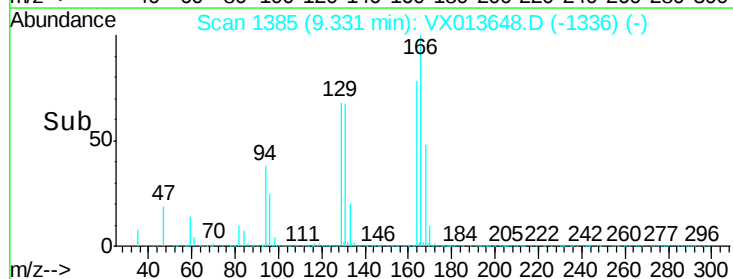
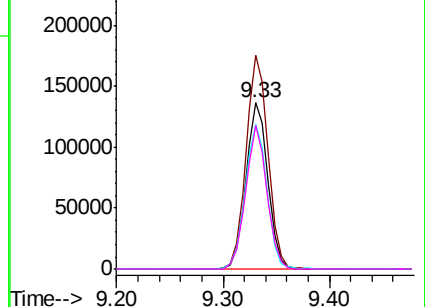


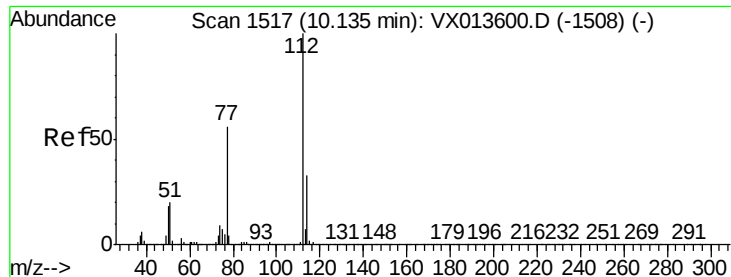
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

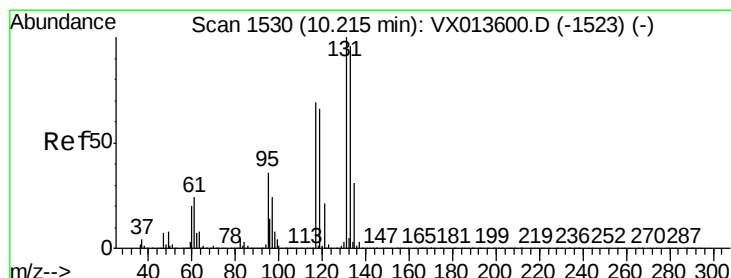
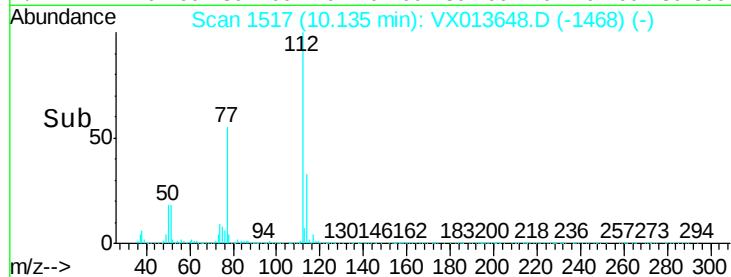
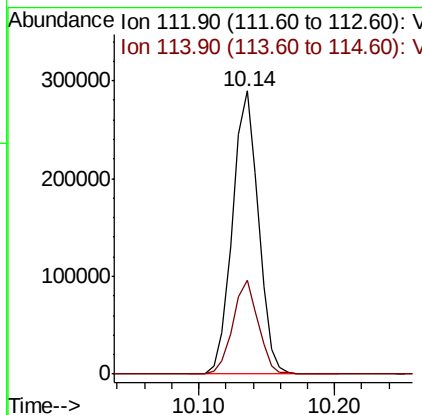
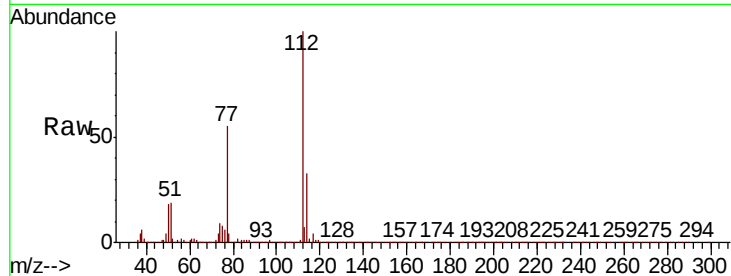




#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

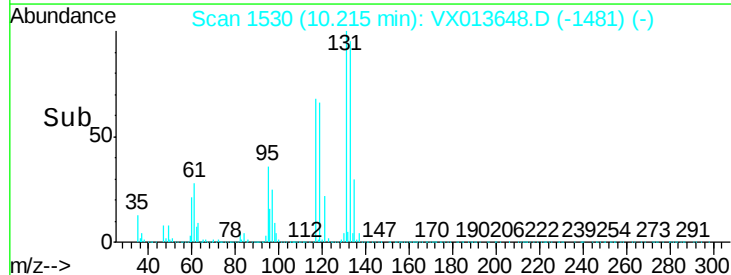
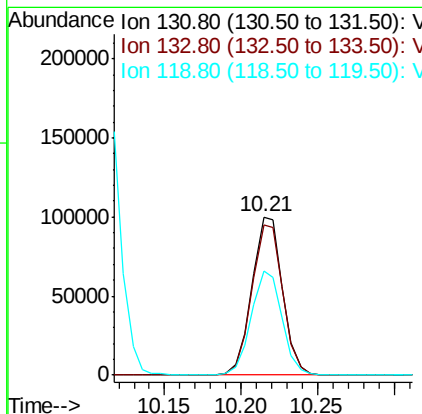
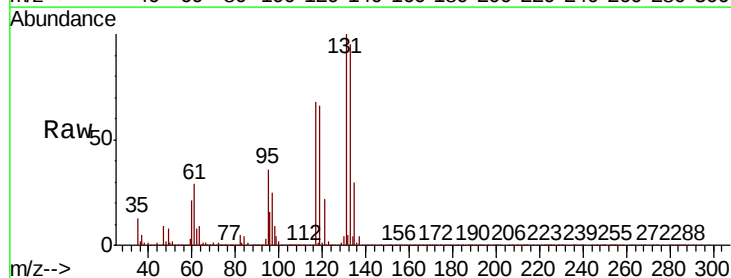
Instrument :
MSVOA_X
ClientSampleId :

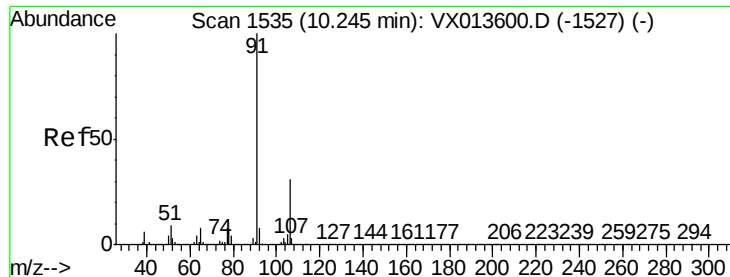
Tot Ion:112 Resp: 384317
Ion Ratio Lower Upper
112 100
114 33.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.918 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion:131 Resp: 139433
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 66.4 32.9 98.6





#67

Ethyl Benzene

Concen: 19.956 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

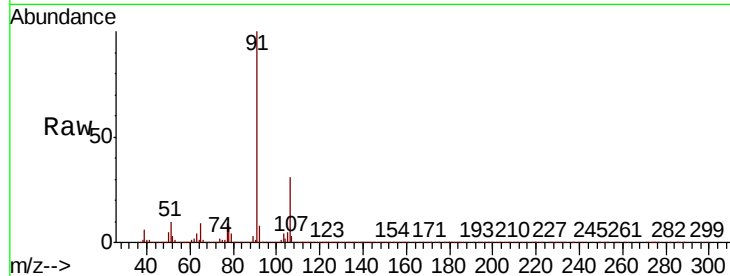
ClientSampleId :

Tot Ion: 91 Resp: 668510

Ion Ratio Lower Upper

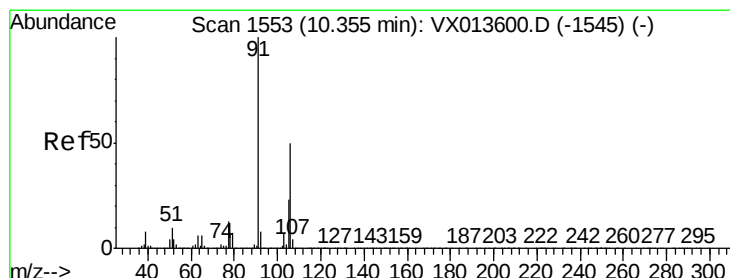
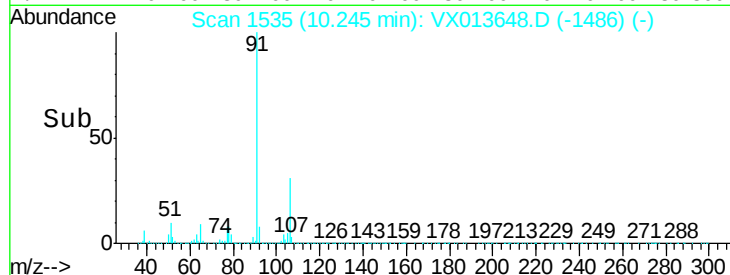
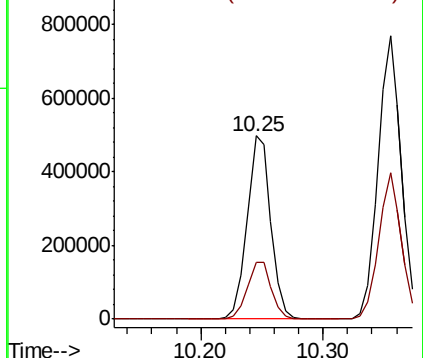
91 100

106 31.3 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: 40.033 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013648.D

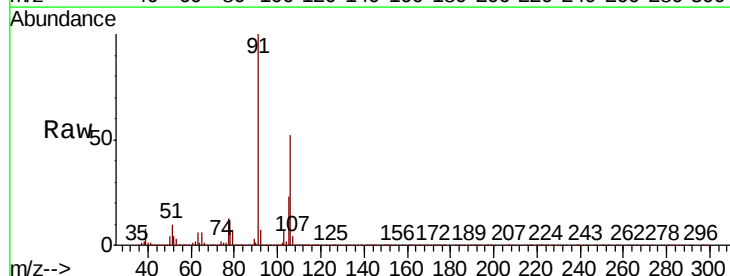
Acq: 27 Nov 2019 13:27

Tgt Ion: 106 Resp: 513436

Ion Ratio Lower Upper

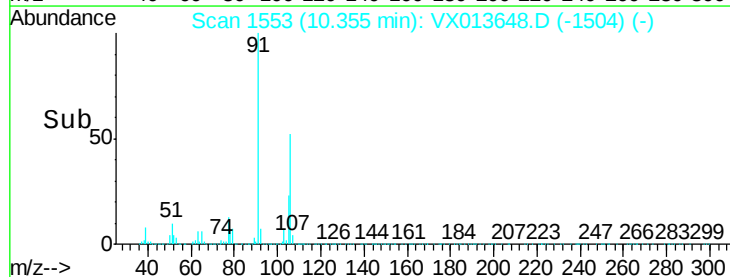
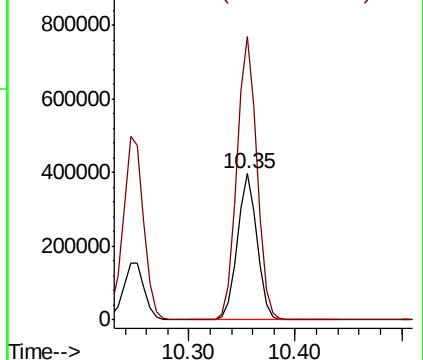
106 100

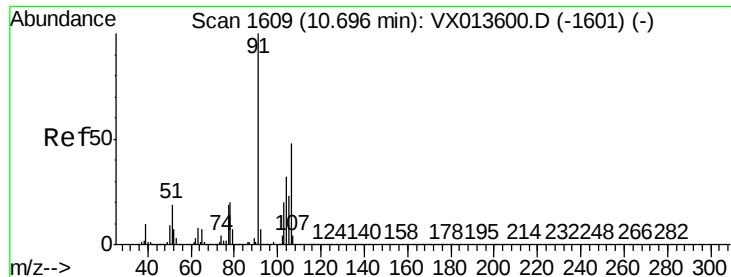
91 197.8 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

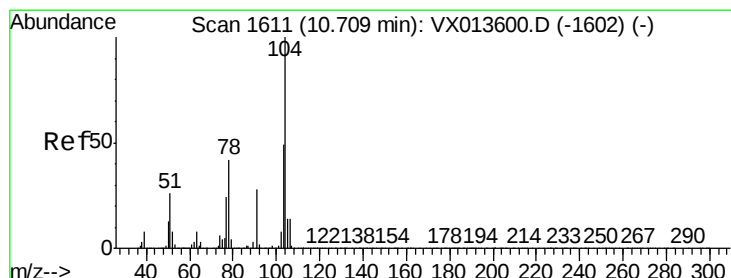
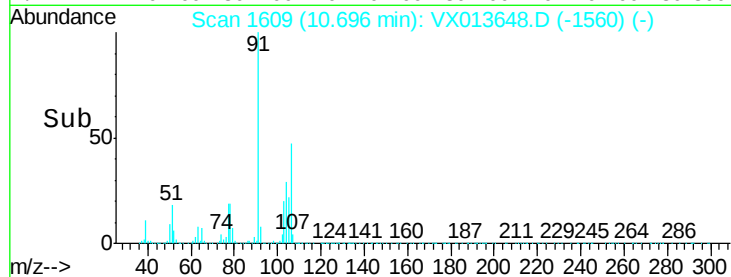
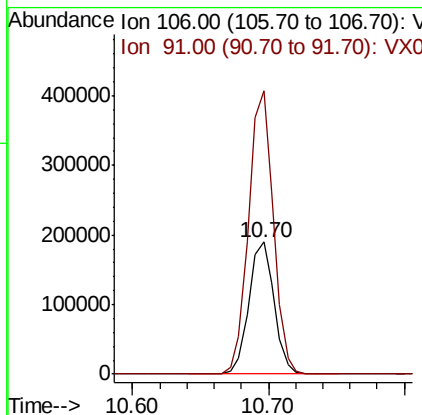
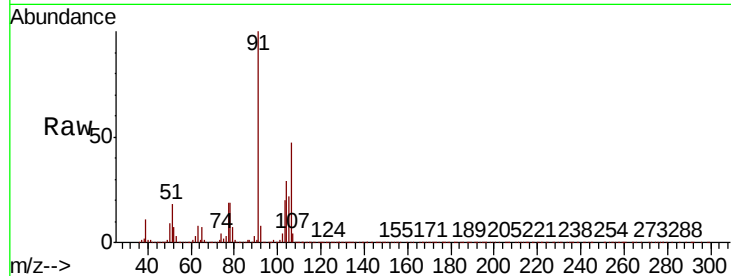




#69
o-Xylene
Concen: 19.685 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

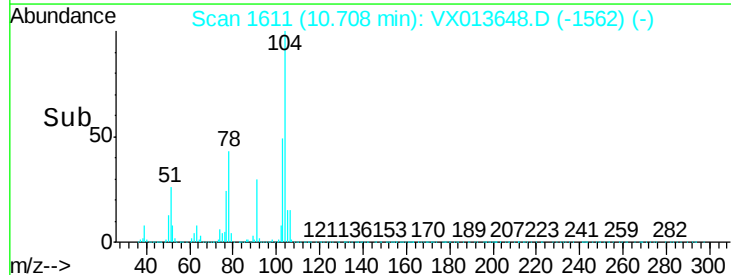
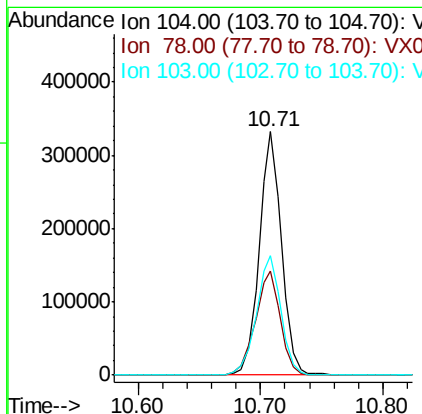
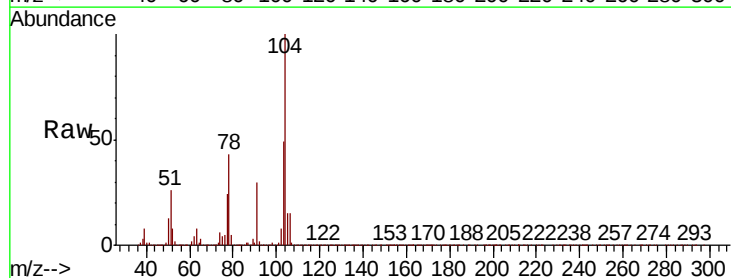
Instrument :
MSVOA_X
ClientSampled :

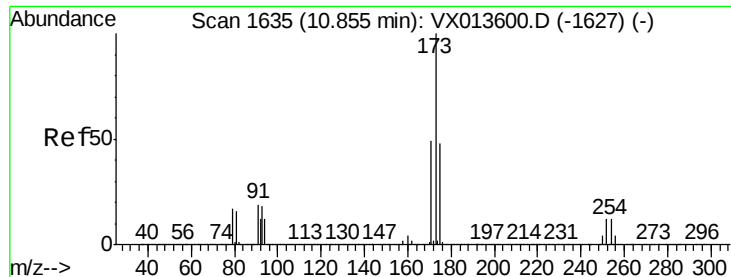
Tot Ion:106 Resp: 246227
Ion Ratio Lower Upper
106 100
91 211.0 104.1 312.2



#70
Styrene
Concen: 19.990 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion:104 Resp: 420621
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.0 43.7 65.5

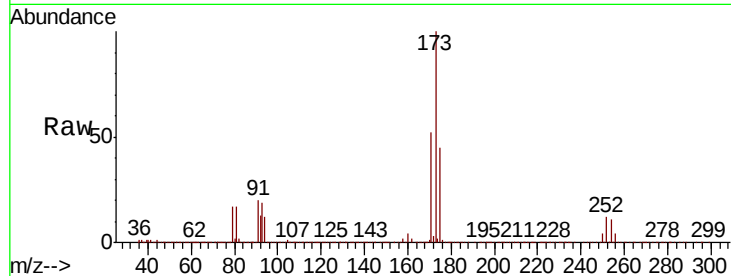




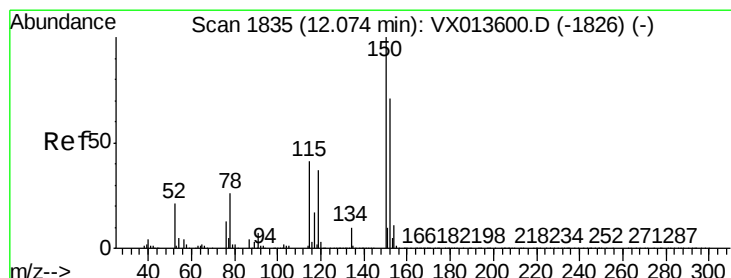
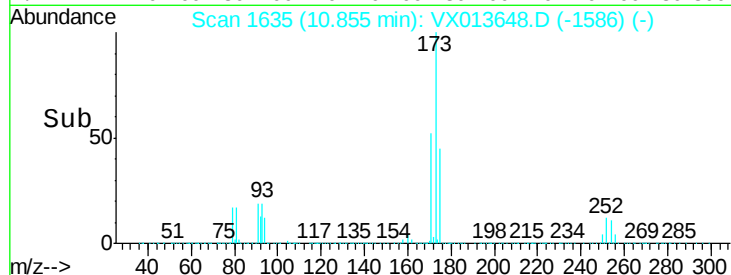
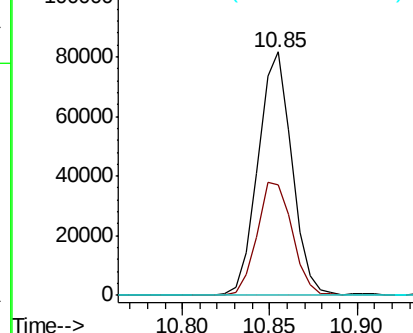
#71
Bromoform
Concen: 18.898 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 109457
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.2 0.2 0.4#

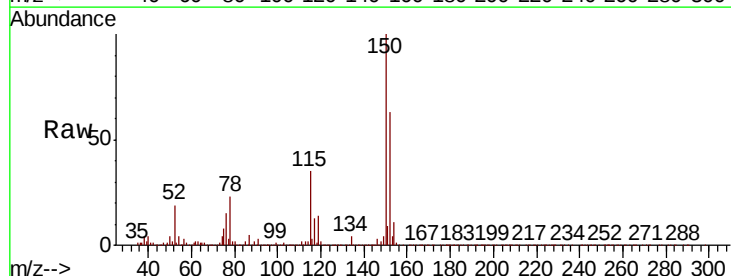


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

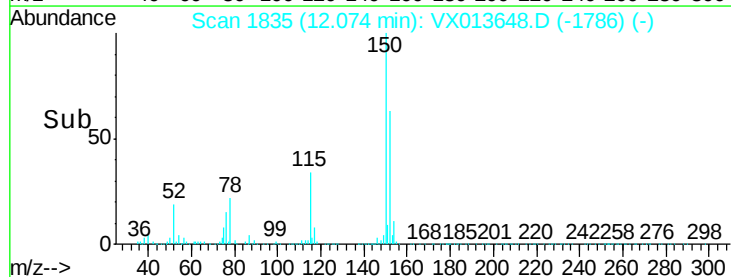
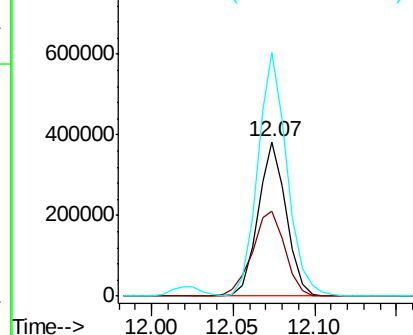


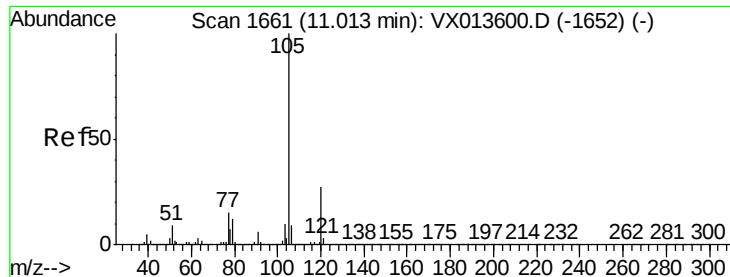
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion:152 Resp: 456518
Ion Ratio Lower Upper
152 100
115 64.5 38.4 115.1
150 164.5 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: 20.406 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

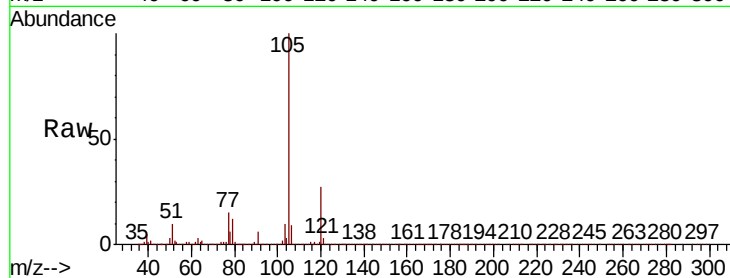
ClientSampleId :

Tot Ion:105 Resp: 653458

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

600000

500000

400000

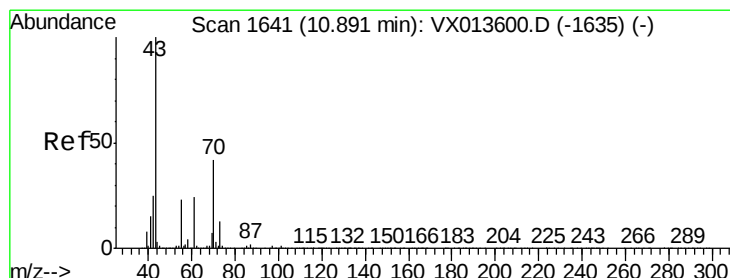
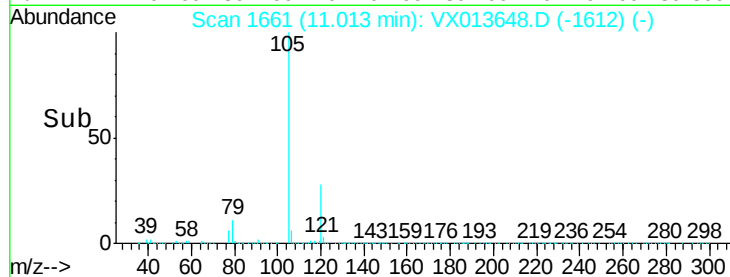
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.893 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion: 43 Resp: 291823

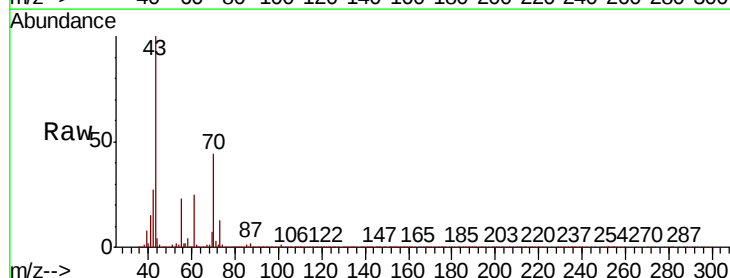
Ion Ratio Lower Upper

43 100

70 44.3 34.3 51.5

55 23.8 18.5 27.7

61 24.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

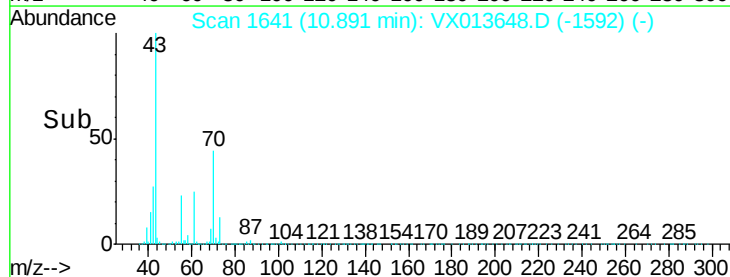
300000

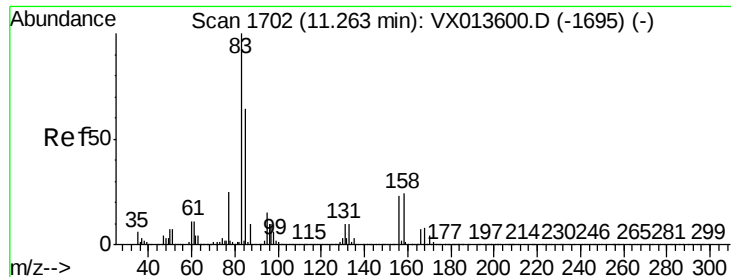
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.172 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

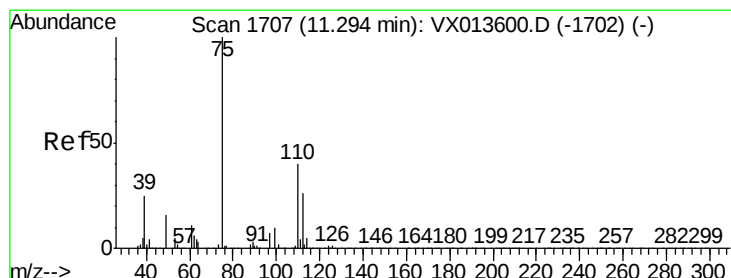
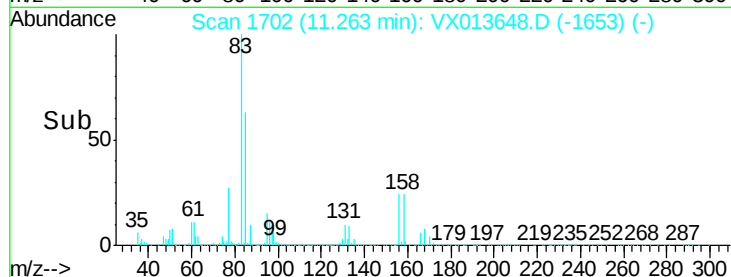
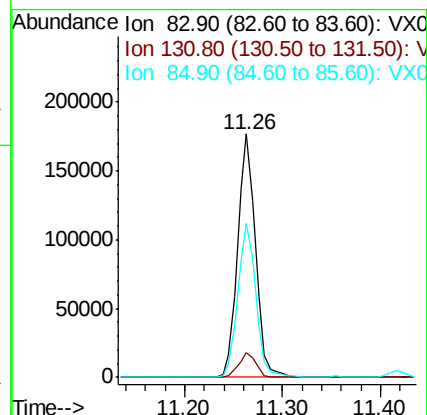
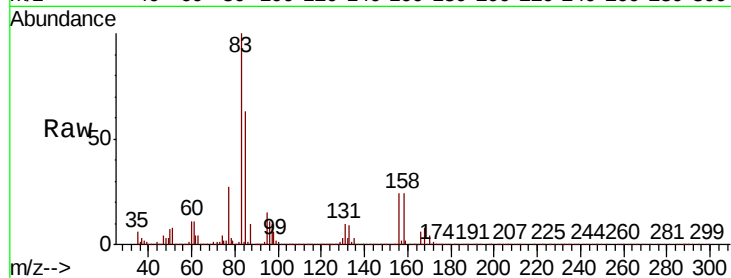
Tot Ion: 83 Resp: 224021

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.4 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 24.642 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013648.D

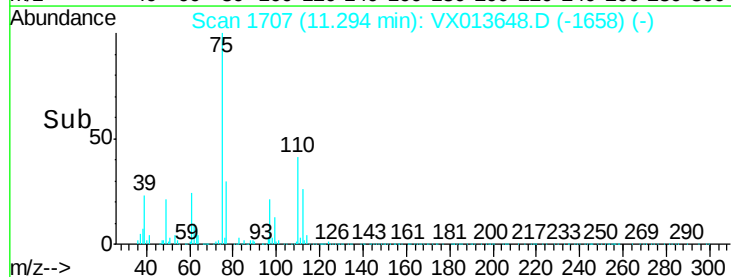
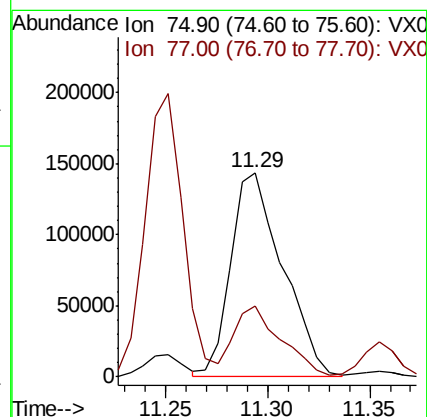
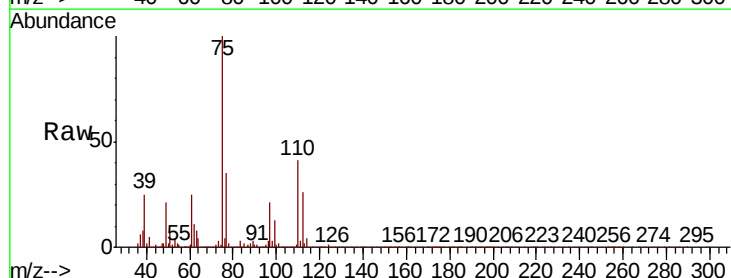
Acq: 27 Nov 2019 13:27

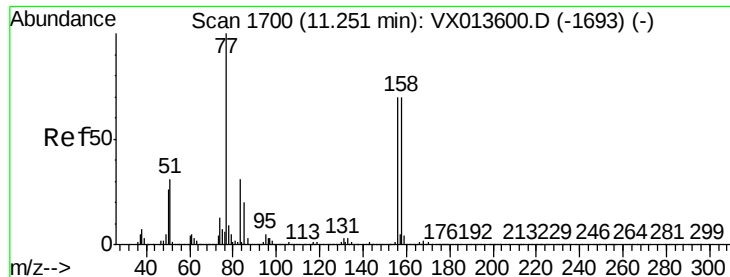
Tgt Ion: 75 Resp: 253025

Ion Ratio Lower Upper

75 100

77 31.4 19.1 57.5





#77

Bromobenzene

Concen: 19.632 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

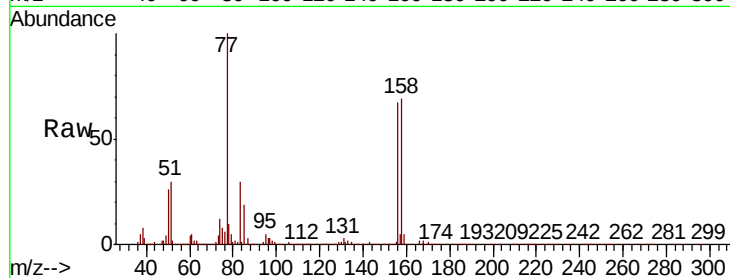
Tot Ion:156 Resp: 169838

Ion Ratio Lower Upper

156 100

77 151.6 74.4 223.1

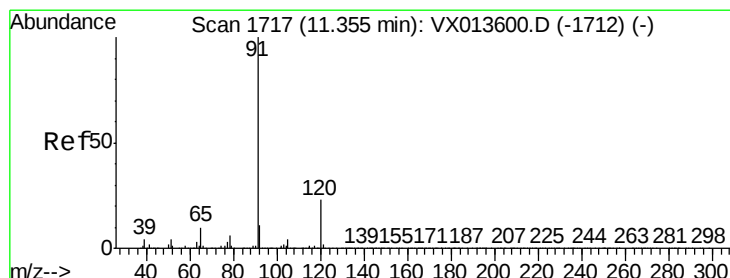
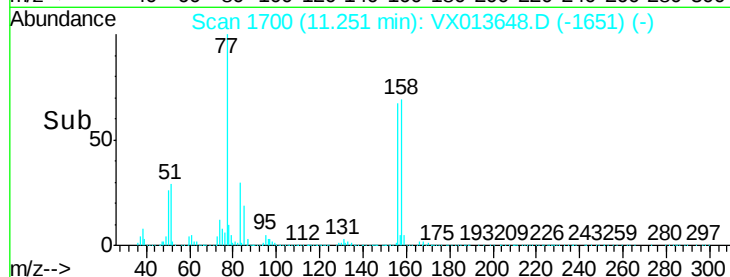
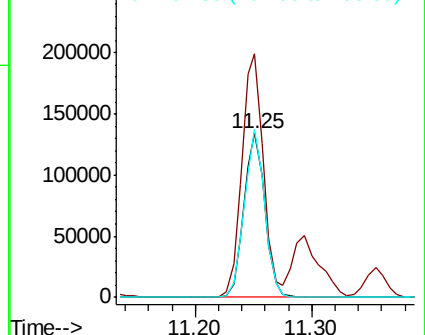
158 98.9 48.9 146.6



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: 20.404 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013648.D

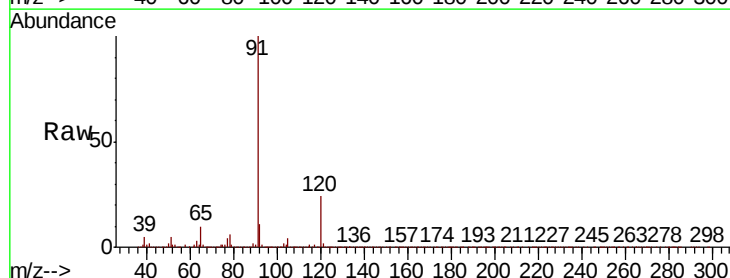
Acq: 27 Nov 2019 13:27

Tgt Ion: 91 Resp: 729392

Ion Ratio Lower Upper

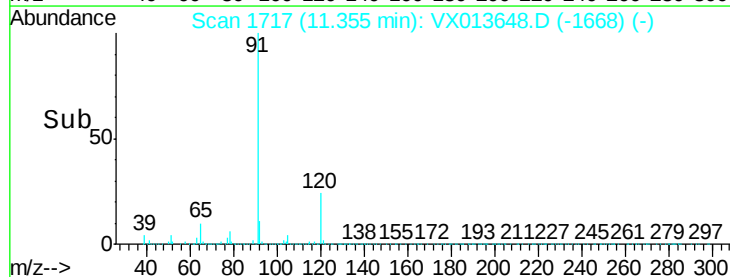
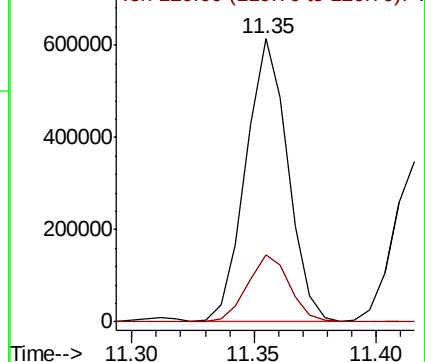
91 100

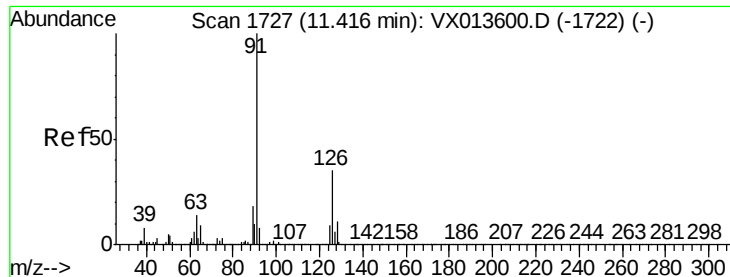
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

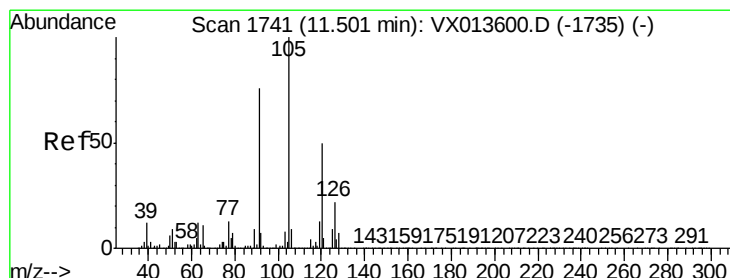
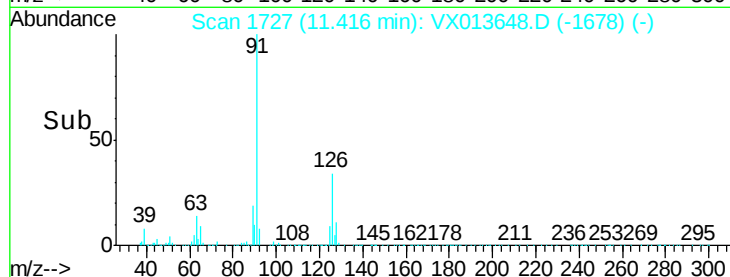
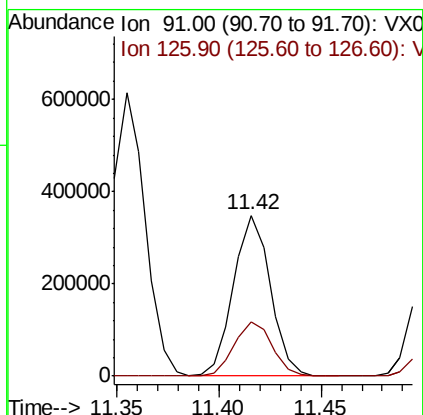
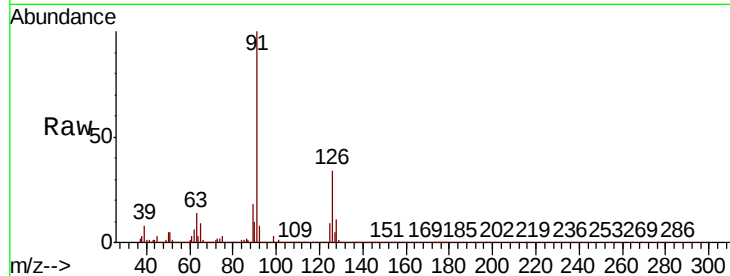




#79
2-Chlorotoluene
Concen: 20.290 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

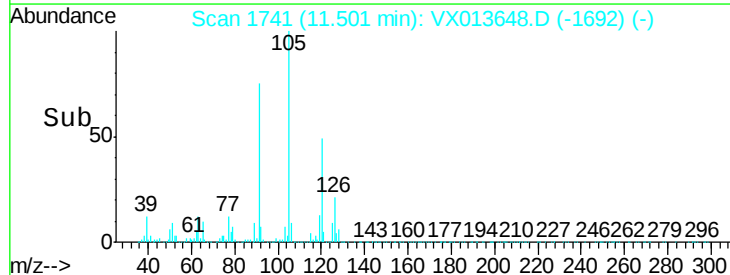
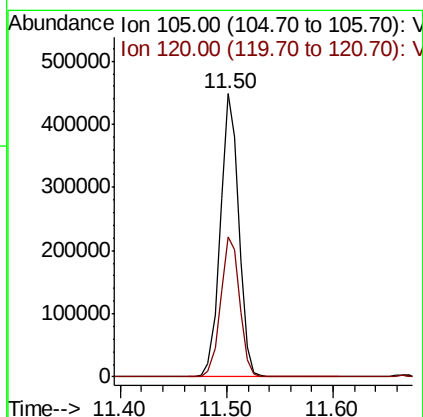
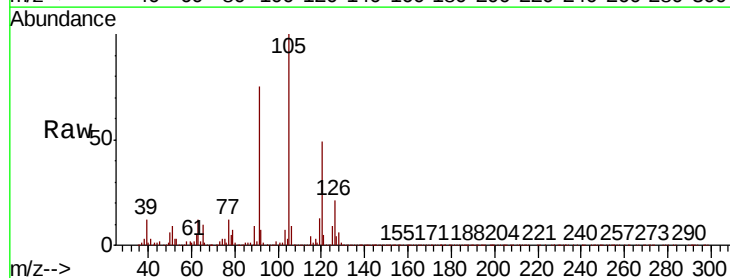
Instrument :
MSVOA_X
ClientSampleId :

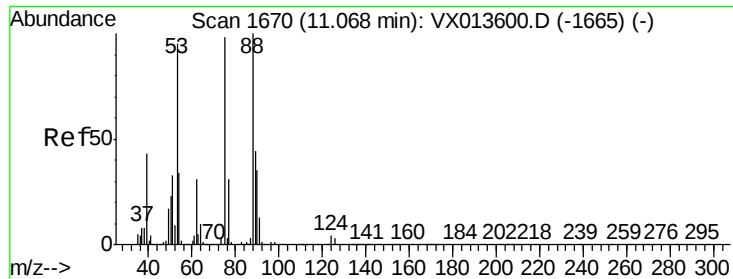
Tot Ion: 91 Resp: 435091
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.550 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 105 Resp: 539348
Ion Ratio Lower Upper
105 100
120 51.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.998 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

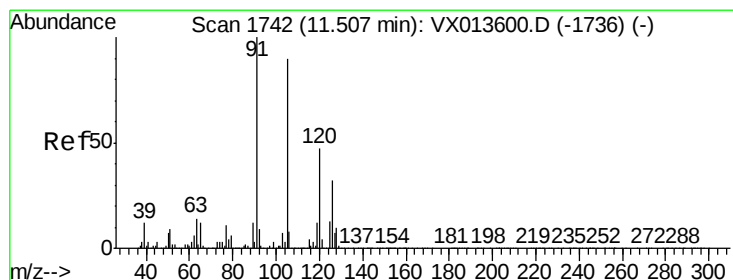
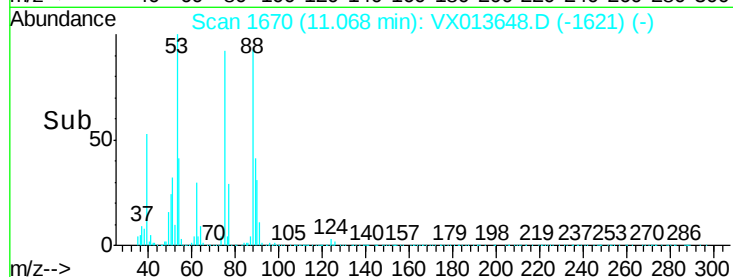
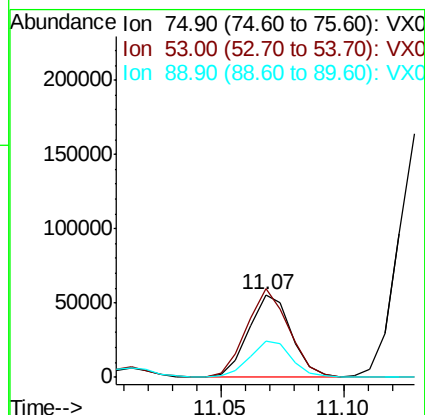
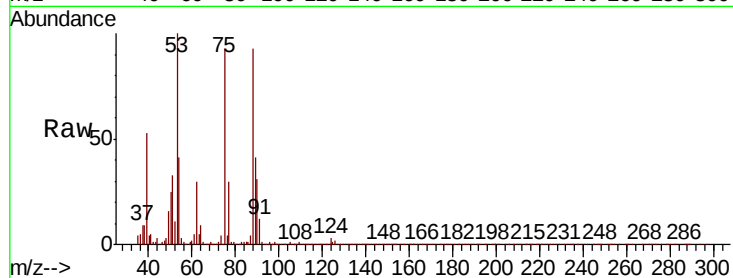
Tot Ion: 75 Resp: 67548

Ion Ratio Lower Upper

75 100

53 105.6 78.2 117.2

89 44.7 35.4 53.2



#82

4-Chlorotoluene

Concen: 20.026 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013648.D

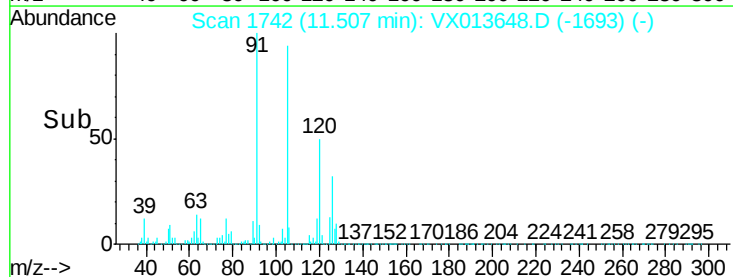
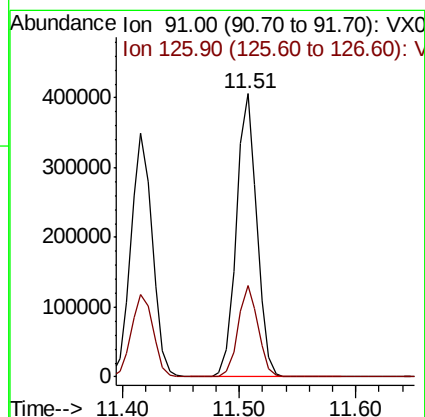
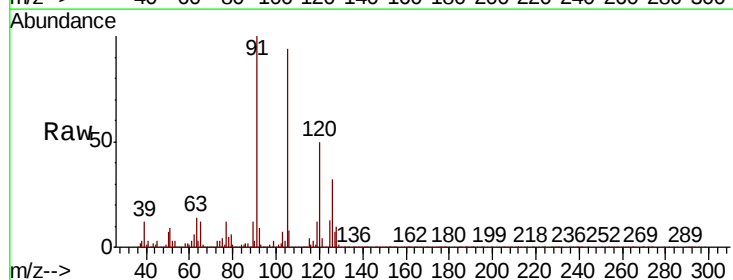
Acq: 27 Nov 2019 13:27

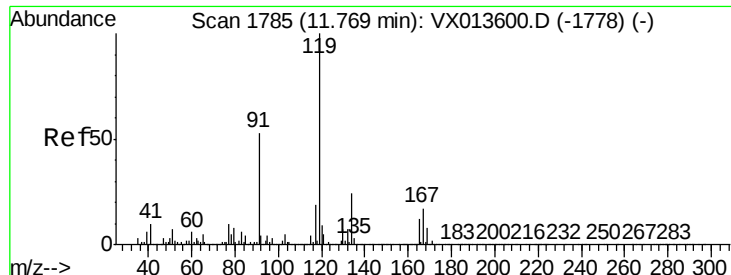
Tgt Ion: 91 Resp: 497380

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0

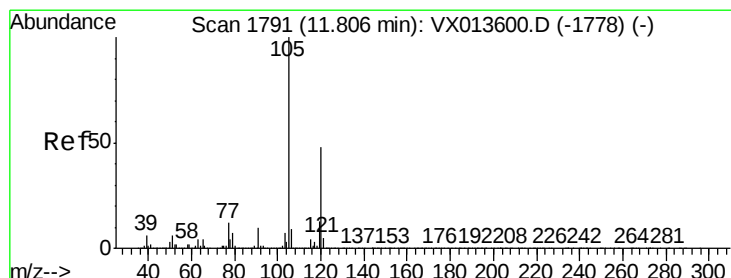
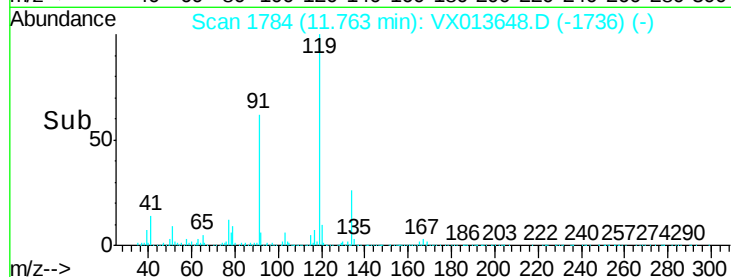
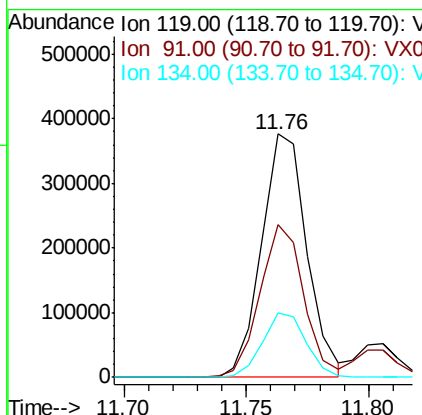
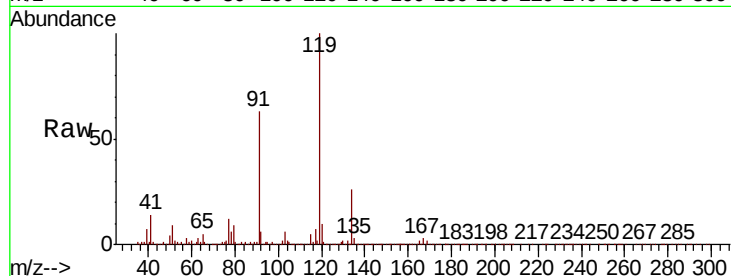




#83
tert-Butylbenzene
Concen: 18.301 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

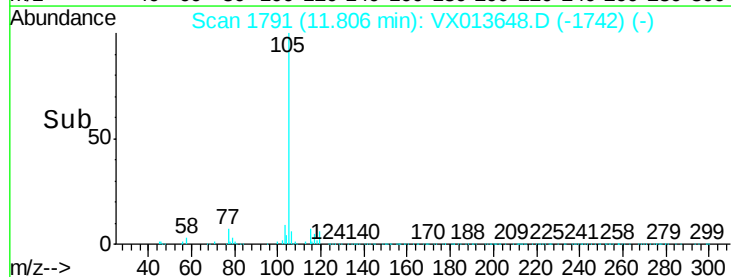
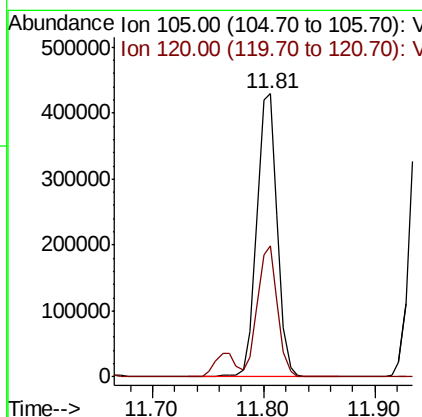
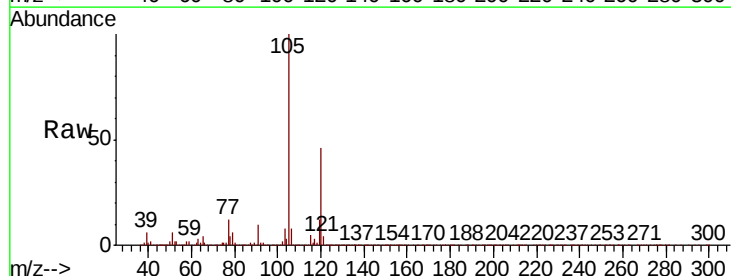
Instrument :
MSVOA_X
ClientSampleId :

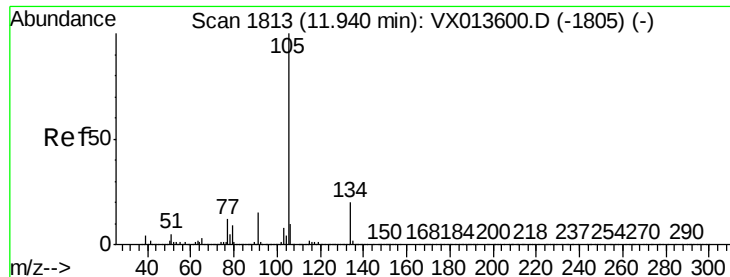
Tot Ion:119 Resp: 488143
Ion Ratio Lower Upper
119 100
91 60.4 27.2 81.6
134 25.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.645 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion:105 Resp: 549928
Ion Ratio Lower Upper
105 100
120 45.0 23.1 69.3

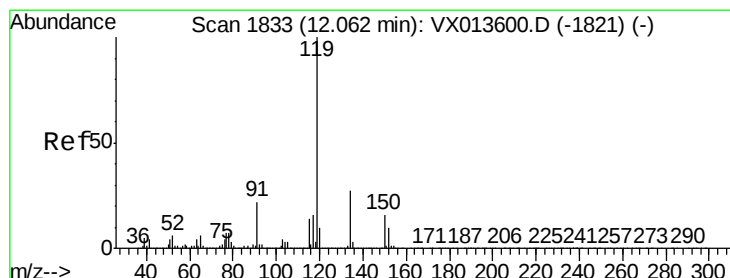
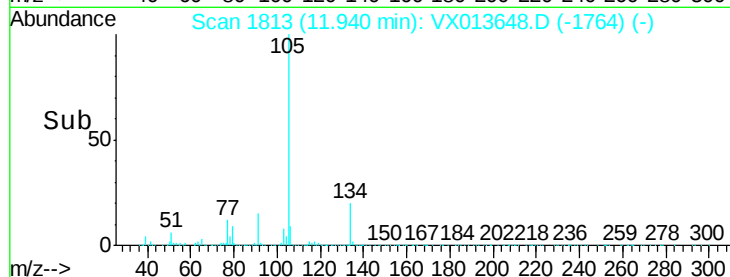
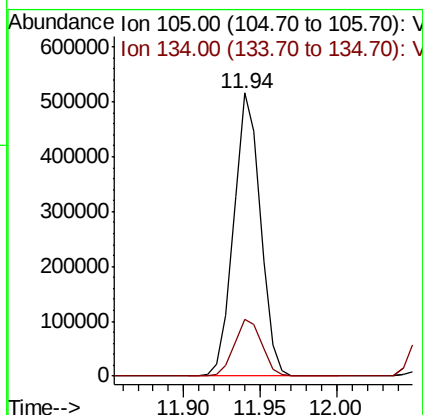
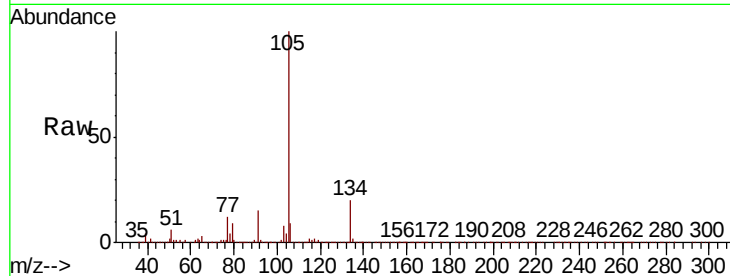




#85
 sec-Butylbenzene
 Concen: 20.454 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

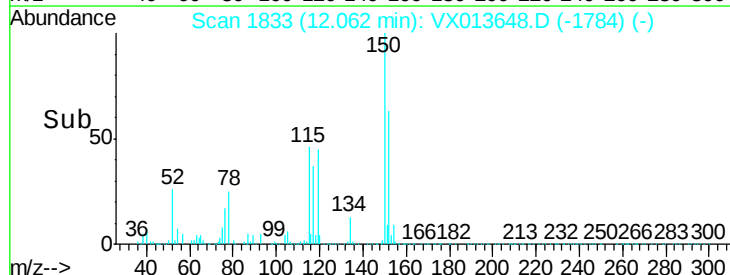
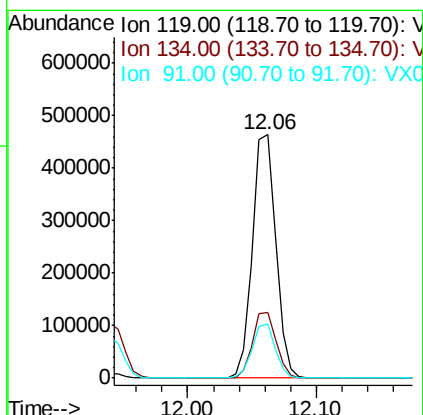
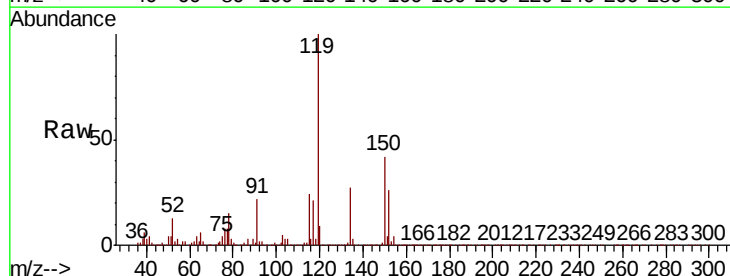
Instrument :
 MSVOA_X
 ClientSampleId :

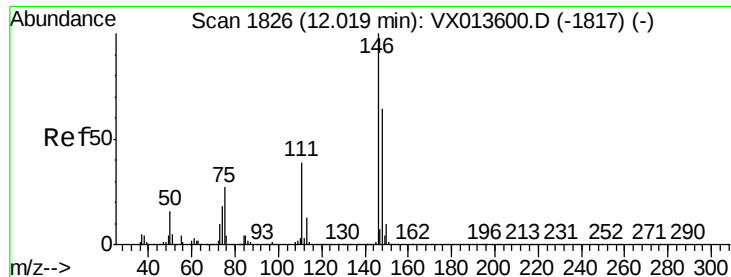
Tot Ion:105 Resp: 623164
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.327 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion:119 Resp: 576119
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.9
 91 22.2 11.3 33.8

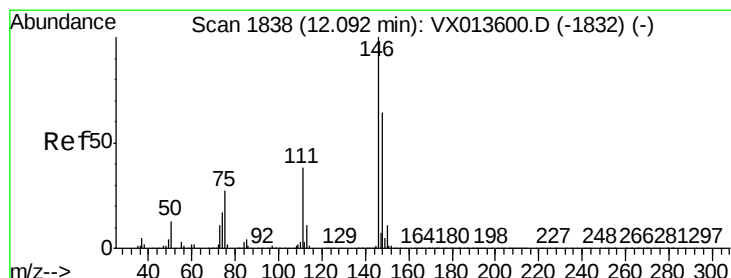
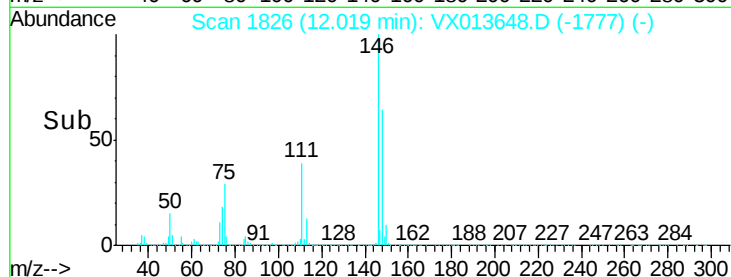
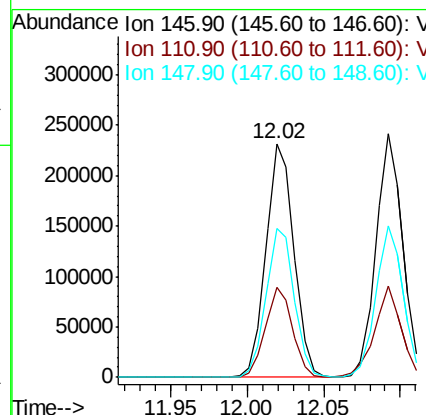
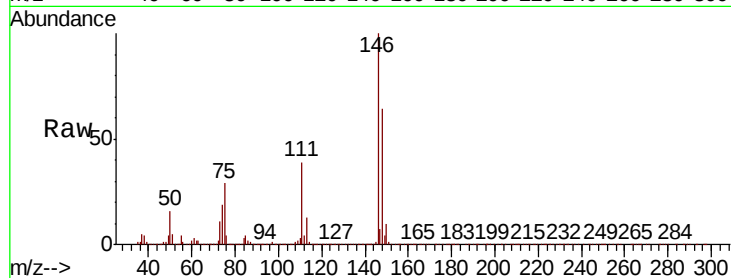




#87
 1,3-Dichlorobenzene
 Concen: 19.641 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

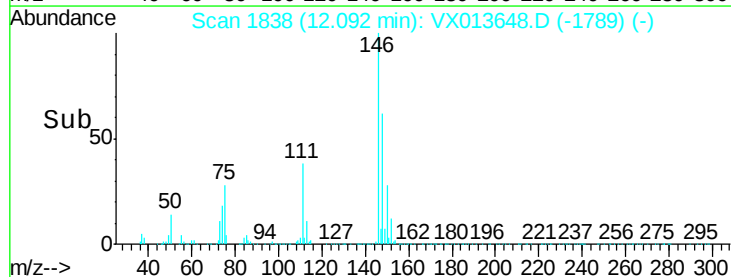
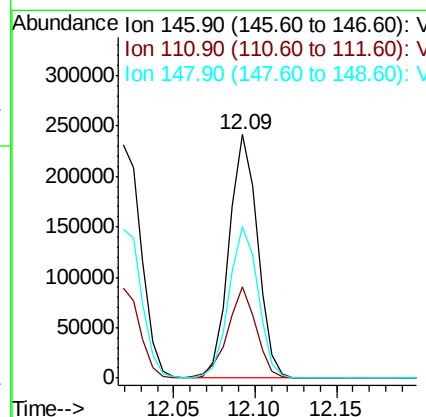
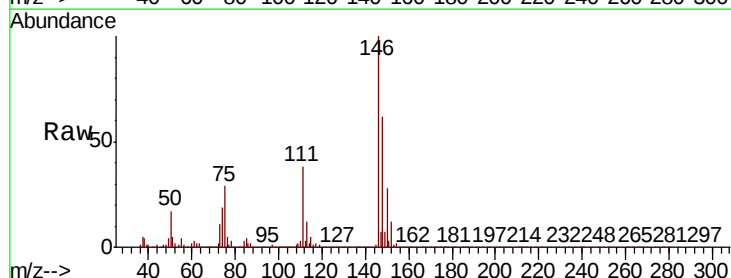
Instrument :
 MSVOA_X
 ClientSampleId :

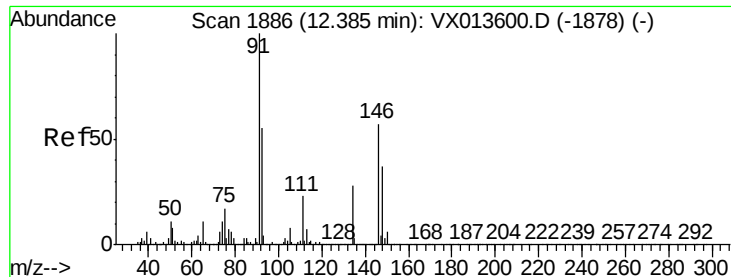
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	64.5	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.082 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.5	31.9	95.5

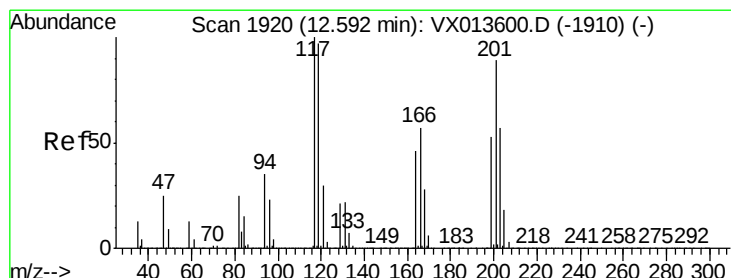
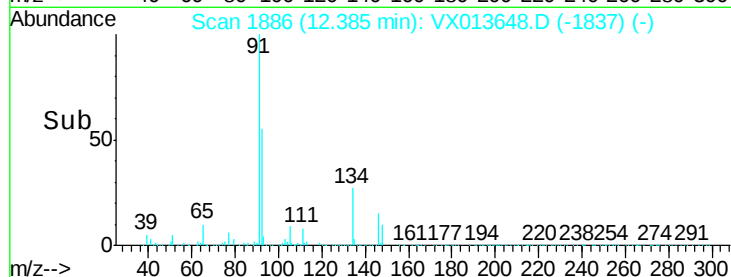
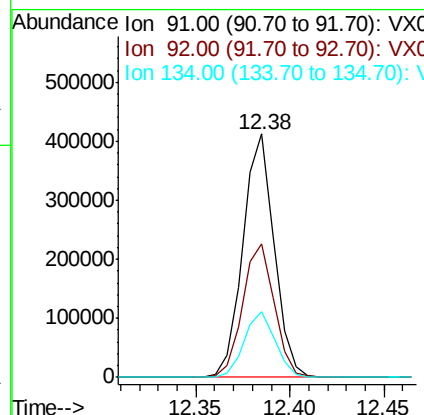
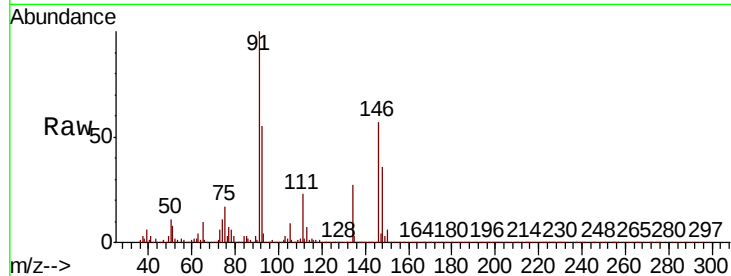




#89
n-Butylbenzene
Concen: 19.560 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

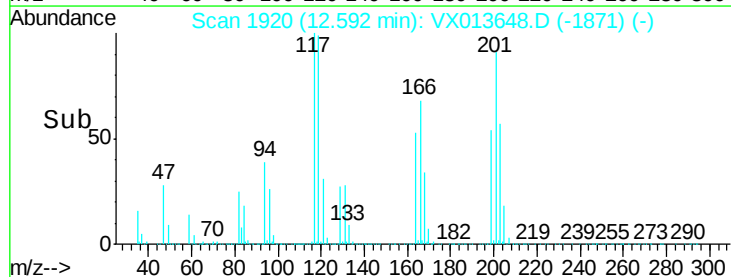
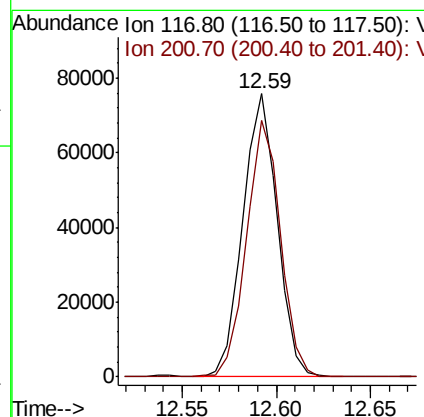
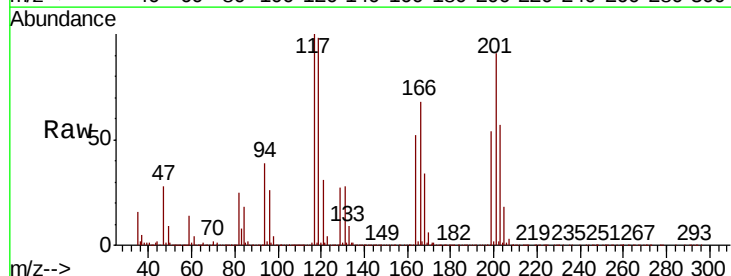
Instrument :
MSVOA_X
ClientSampled :

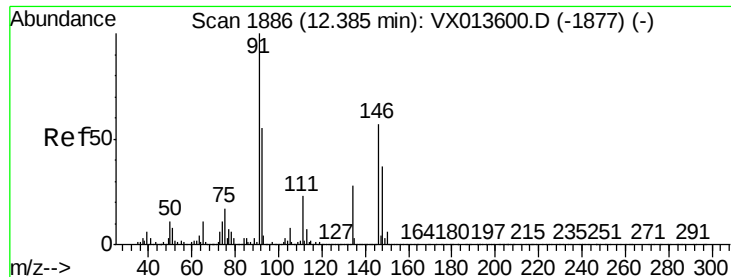
Tot Ion: 91 Resp: 472839
Ion Ratio Lower Upper
91 100
92 55.9 27.4 82.2
134 26.8 13.5 40.4



#90
Hexachloroethane
Concen: 18.672 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 117 Resp: 95659
Ion Ratio Lower Upper
117 100
201 89.9 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.908 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013648.D

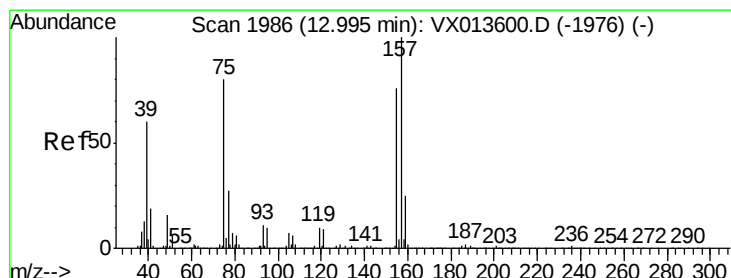
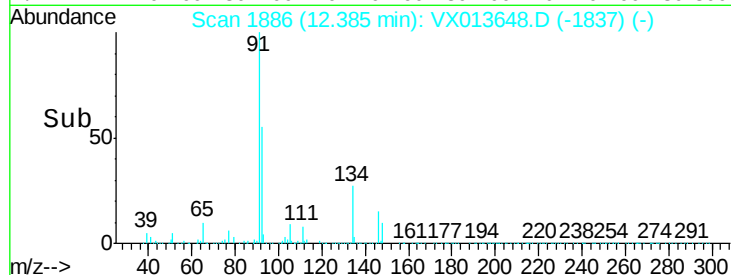
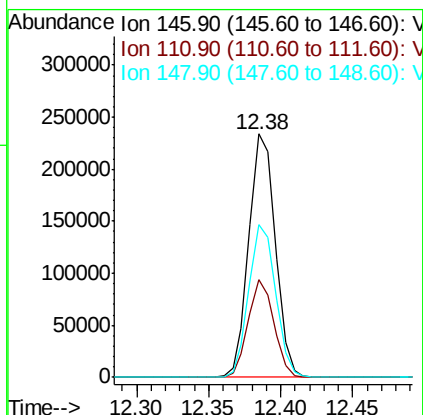
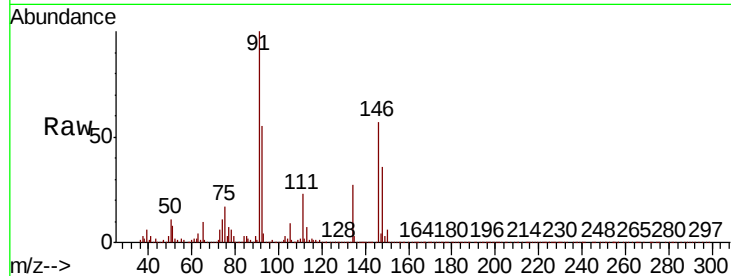
Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	296634
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	63.5	31.9	95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.364 ug/l

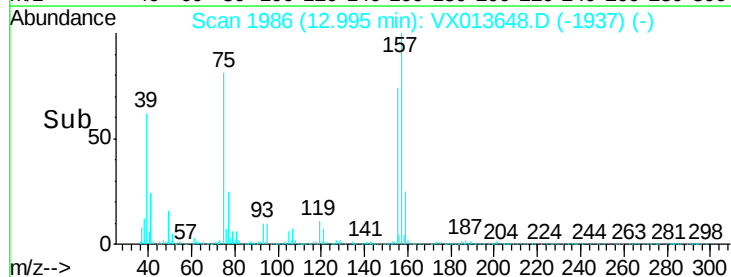
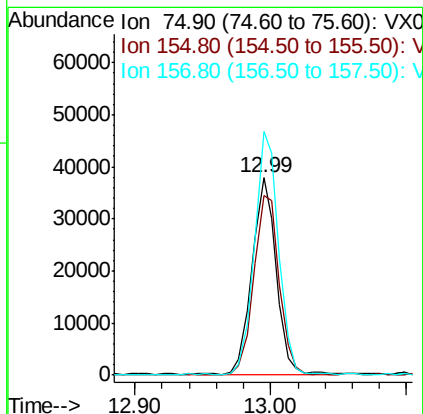
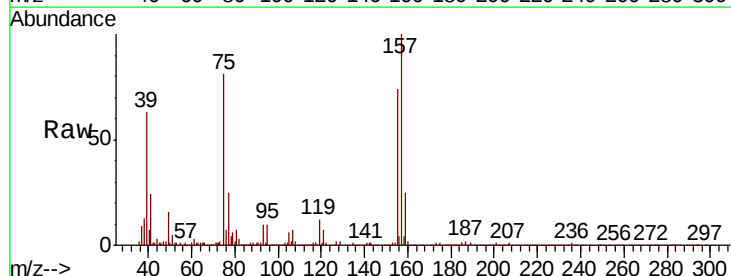
RT: 12.99 min Scan# 1986

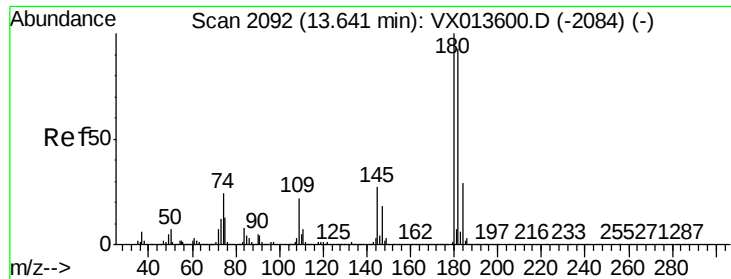
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	75	Resp:	46829
Ion	Ratio	Lower	Upper
75	100		
155	97.8	47.6	142.8
157	124.2	62.1	186.2

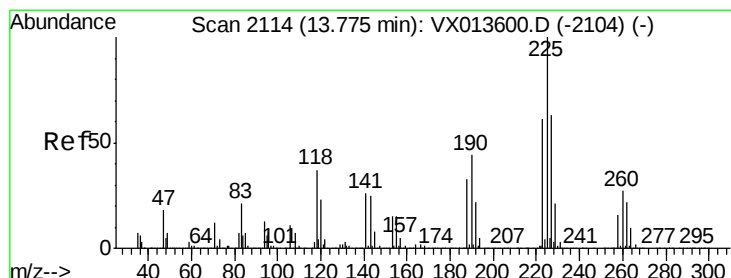
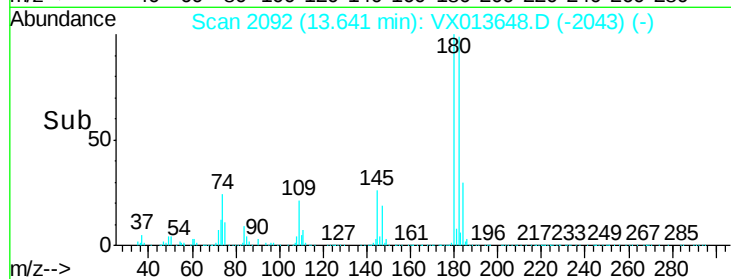
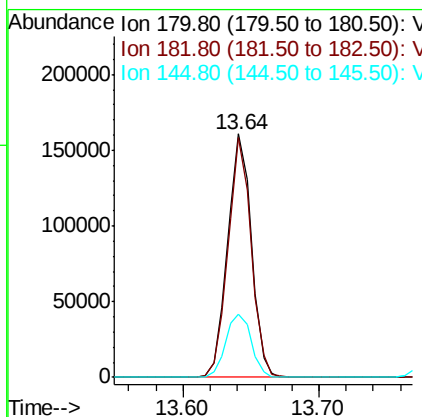
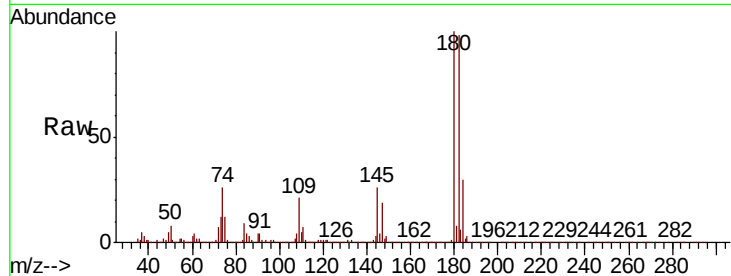




#93
 1,2,4-Trichlorobenzene
 Concen: 18.735 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

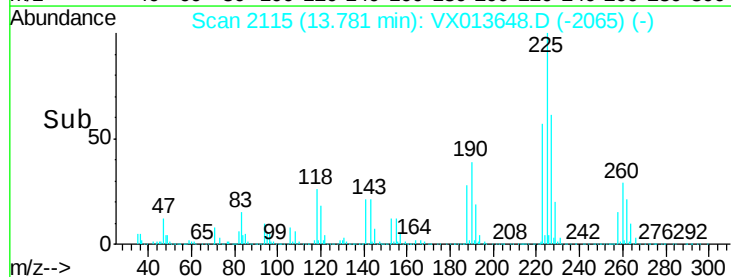
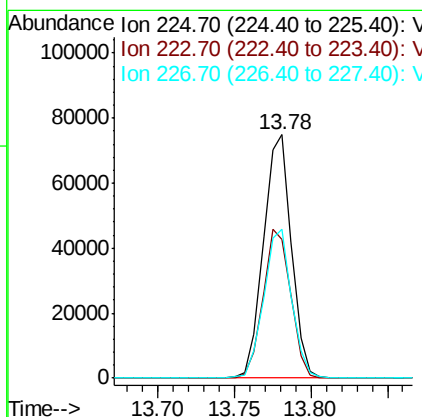
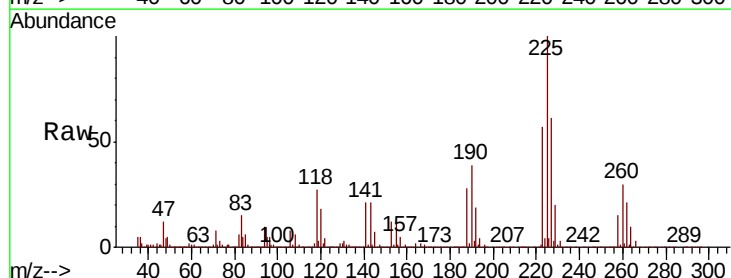
Instrument :
 MSVOA_X
 ClientSampleId :

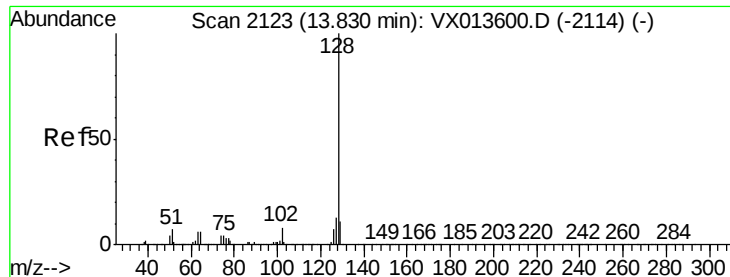
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.2	141.6
145	28.4	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 19.169 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.5
227	60.9	32.1	96.3





#95

Naphthalene

Concen: 19.344 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

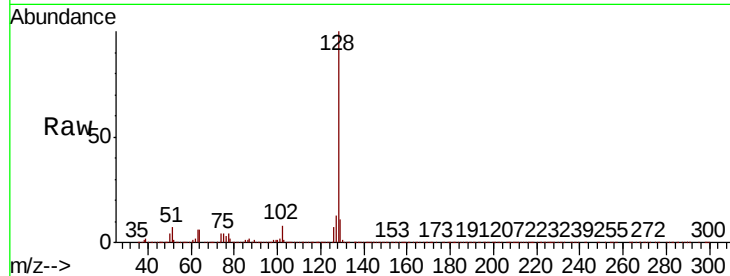
Tot Ion:128 Resp: 598212

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

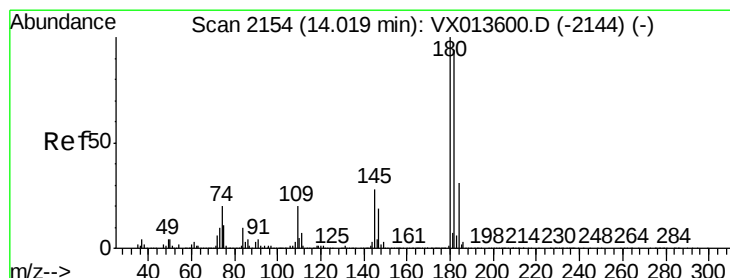
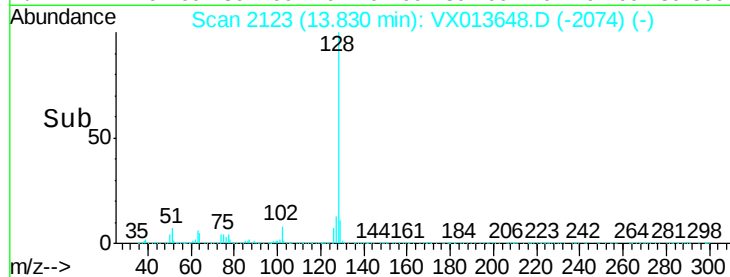
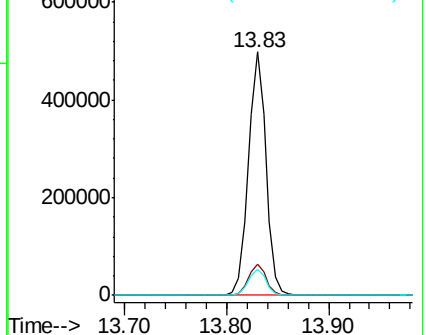
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.492 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

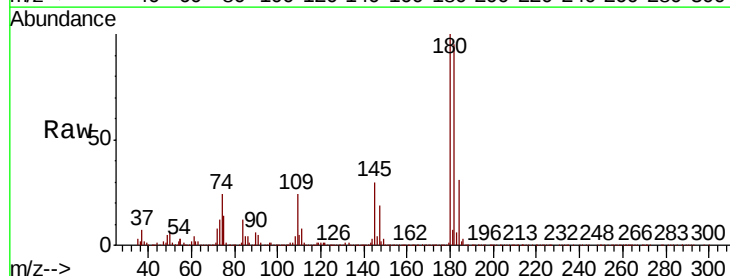
Tgt Ion:180 Resp: 200412

Ion Ratio Lower Upper

180 100

182 93.9 47.6 142.8

145 30.3 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

