

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013732.D
 Acq On : 03 Dec 2019 18:08
 Operator : JC/SP
 Sample : K5984-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:38:23 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	642093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	992677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	902172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	359616	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.49	113	297165	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.71	98	1147196	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	404725	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	346663	48.506	ug/l	98
3) Chloromethane	1.32	50	367118	45.780	ug/l	99
4) Vinyl Chloride	1.40	62	441654	48.932	ug/l	98
5) Bromomethane	1.63	94	194608	32.105	ug/l	99
6) Chloroethane	1.71	64	246542	48.001	ug/l	96
7) Trichlorofluoromethane	1.92	101	473925	47.287	ug/l	100
8) Diethyl Ether	2.18	74	224795	49.577	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	290980	47.532	ug/l	99
10) Methyl Iodide	2.50	142	246371	33.269	ug/l	99
11) Tert butyl alcohol	3.03	59	395548	215.007	ug/l	99
12) 1,1-Dichloroethene	2.36	96	292219	47.822	ug/l	99
13) Acrolein	2.28	56	262730	214.418	ug/l	98
14) Allyl chloride	2.72	41	525393	47.379	ug/l	99
15) Acrylonitrile	3.13	53	919896	242.239	ug/l	99
16) Acetone	2.43	43	780683	212.156	ug/l	100
17) Carbon Disulfide	2.56	76	775270	44.506	ug/l	99
18) Methyl Acetate	2.76	43	507836	49.561	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	995388	49.172	ug/l	98
20) Methylene Chloride	2.85	84	335115	47.403	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	315926	47.459	ug/l	97
22) Diisopropyl ether	3.84	45	1049964	49.172	ug/l	97
23) Vinyl Acetate	3.80	43	4247969	239.144	ug/l	100
24) 1,1-Dichloroethane	3.69	63	569488	48.788	ug/l	98
25) 2-Butanone	4.66	43	1285432	235.047	ug/l	99
26) 2,2-Dichloropropane	4.58	77	420775	43.569	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	367056	48.014	ug/l	98
28) Bromochloromethane	5.00	49	243395	52.766	ug/l	100
29) Tetrahydrofuran	5.11	42	827157	245.348	ug/l	99
30) Chloroform	5.20	83	557151	47.064	ug/l	96
31) Cyclohexane	5.57	56	511327	46.443	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	482180	48.741	ug/l	99
36) 1,1-Dichloropropene	5.79	75	420385	46.652	ug/l	99
37) Ethyl Acetate	4.82	43	483758	47.854	ug/l	99
38) Carbon Tetrachloride	5.78	117	405305	48.779	ug/l	98

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Quant Time: Dec 04 00:38:23 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	508051	45.612	ug/l	99
40) Benzene	6.14	78	1300068	47.371	ug/l	100
41) Methacrylonitrile	5.03	41	281131	50.709	ug/l	99
42) 1,2-Dichloroethane	6.18	62	458080	48.942	ug/l	99
43) Isopropyl Acetate	6.43	43	795308	47.788	ug/l	100
44) Trichloroethene	7.21	130	349465	46.397	ug/l	99
45) 1,2-Dichloropropane	7.51	63	335315	48.833	ug/l	97
46) Dibromomethane	7.65	93	219489	47.064	ug/l	99
47) Bromodichloromethane	7.89	83	433305	49.148	ug/l	100
48) Methyl methacrylate	7.76	41	406481	50.268	ug/l	99
49) 1,4-Dioxane	7.73	88	152218	840.978	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2562652	244.795	ug/l	100
52) Toluene	8.78	92	811709	47.609	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	490309	48.859	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	537676	49.042	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	337987	49.193	ug/l	97
56) Ethyl methacrylate	9.17	69	550798	49.863	ug/l	99
57) 1,3-Dichloropropane	9.37	76	563538	47.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.27	63	868	0.200	ug/l	94
59) 2-Hexanone	9.48	43	1963432	240.478	ug/l	99
60) Dibromochloromethane	9.58	129	352675	49.461	ug/l	99
61) 1,2-Dibromoethane	9.67	107	352825	48.081	ug/l	99
64) Tetrachloroethene	9.33	164	389572	57.904	ug/l	95
65) Chlorobenzene	10.14	112	890193	47.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	331545	49.292	ug/l	99
67) Ethyl Benzene	10.25	91	1557052	48.375	ug/l	99
68) m/p-Xylenes	10.35	106	1178298	95.618	ug/l	100
69) o-Xylene	10.70	106	576954	48.005	ug/l	100
70) Styrene	10.71	104	982139	48.579	ug/l	100
71) Bromoform	10.85	173	277731	49.904	ug/l #	98
73) Isopropylbenzene	11.01	105	1520497	49.009	ug/l	100
74) N-amyl acetate	10.89	43	708023	49.819	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	537989	50.003	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	606566	60.975	ug/l	88
77) Bromobenzene	11.25	156	399495	47.665	ug/l	99
78) n-propylbenzene	11.35	91	1725238	49.815	ug/l	100
79) 2-Chlorotoluene	11.42	91	1003681	48.311	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1291596	50.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	174719	48.051	ug/l	98
82) 4-Chlorotoluene	11.51	91	1162035	48.293	ug/l	99
83) tert-Butylbenzene	11.76	119	1303618	50.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1374076	53.246	ug/l	100
85) sec-Butylbenzene	11.94	105	1506135	51.026	ug/l	100
86) p-Isopropyltoluene	12.06	119	1356094	49.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	694483	47.534	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	688593	46.272	ug/l	99
89) n-Butylbenzene	12.38	91	1152860	49.225	ug/l	99
90) Hexachloroethane	12.59	117	247266	49.818	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	694206	48.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119800	51.132	ug/l	99

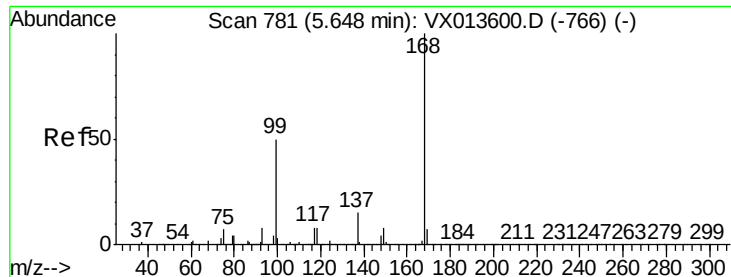
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	468479	46.567	ug/l	99
94) Hexachlorobutadiene	13.78	225	217917	45.091	ug/l	98
95) Naphthalene	13.83	128	1526797	50.961	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	467111	46.894	ug/l	99

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

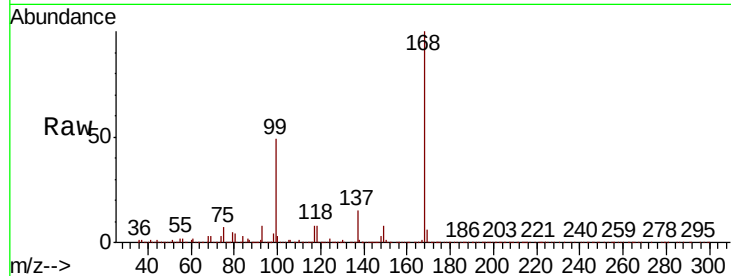


#1

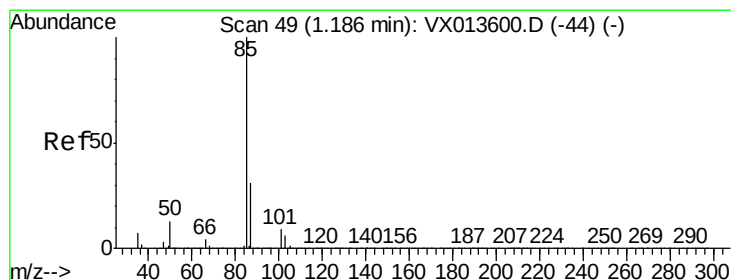
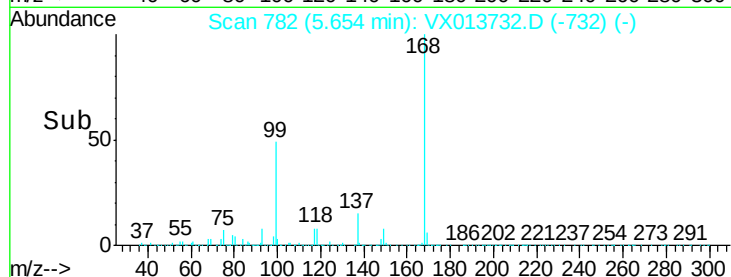
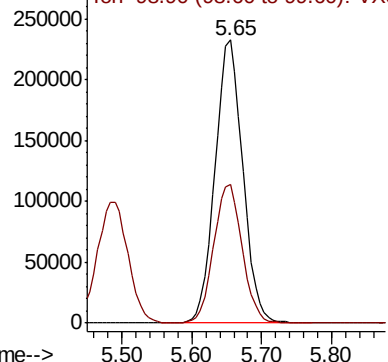
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 642093
Ion Ratio Lower Upper
168 100
99 48.9 39.8 59.8



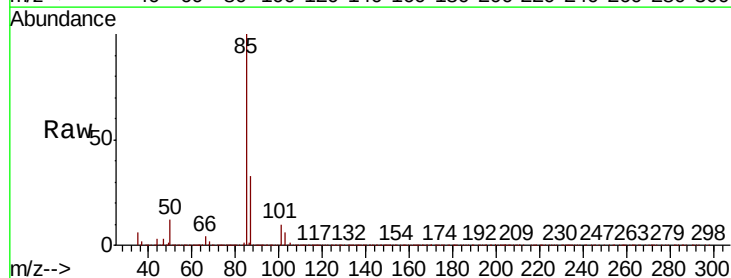
Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0



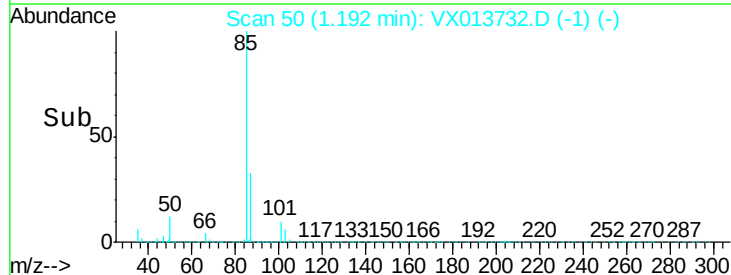
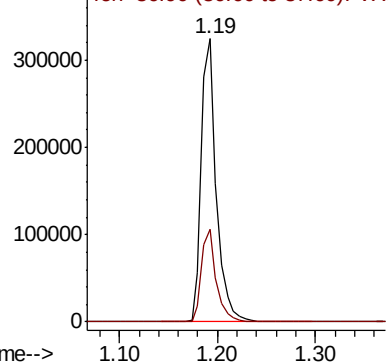
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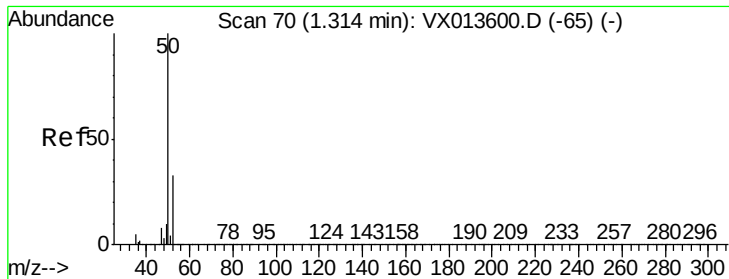
Dichlorodifluoromethane
Concen: 48.506 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 85 Resp: 346663
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1



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





#3

Chloromethane

Concen: 45.780 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

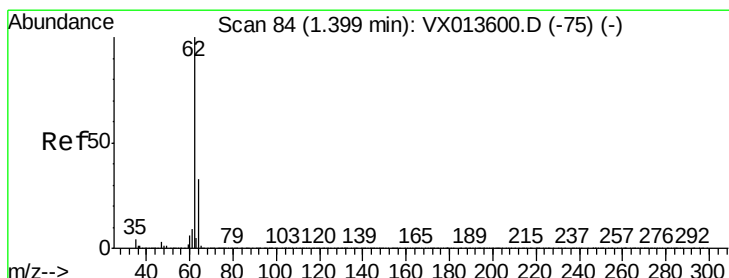
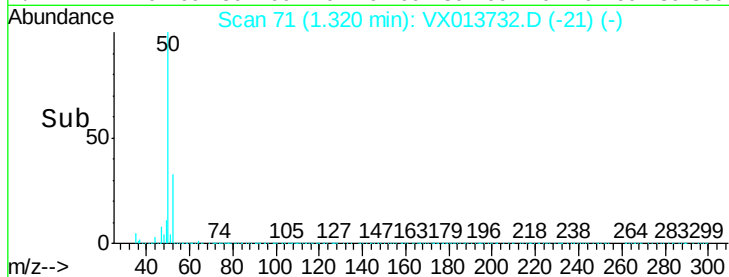
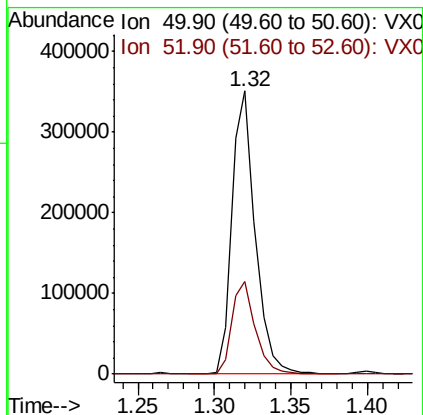
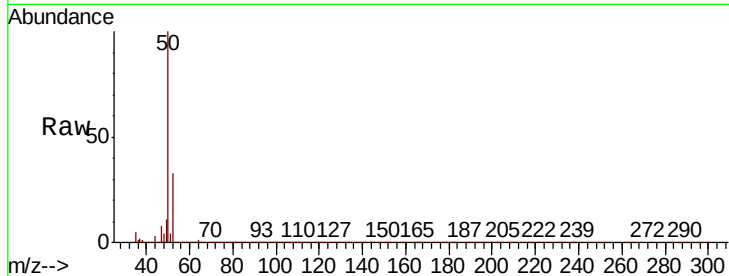
ClientSampleId :

Tot Ion: 50 Resp: 367118

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 48.932 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013732.D

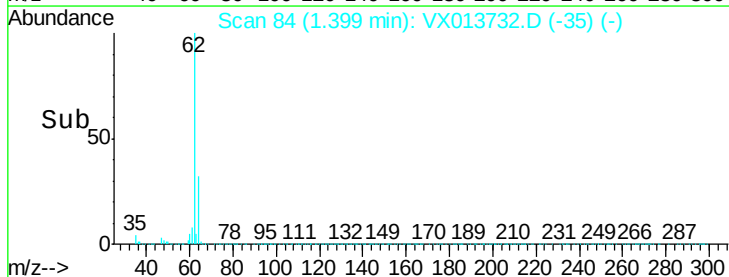
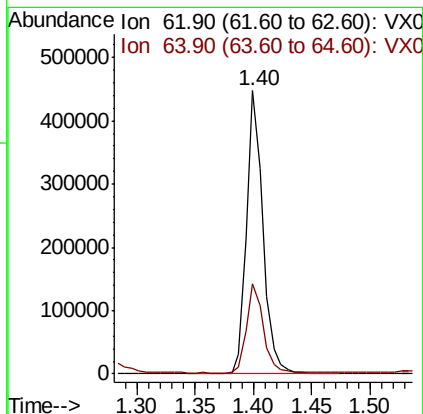
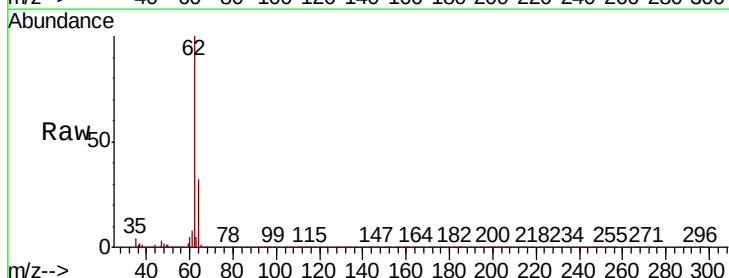
Acq: 03 Dec 2019 18:08

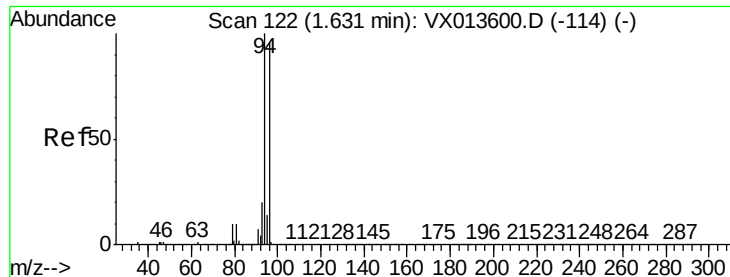
Tgt Ion: 62 Resp: 441654

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 32.105 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

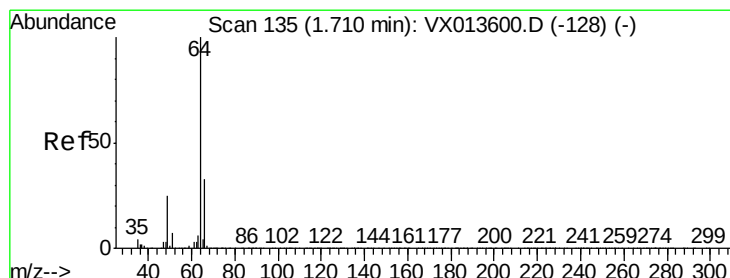
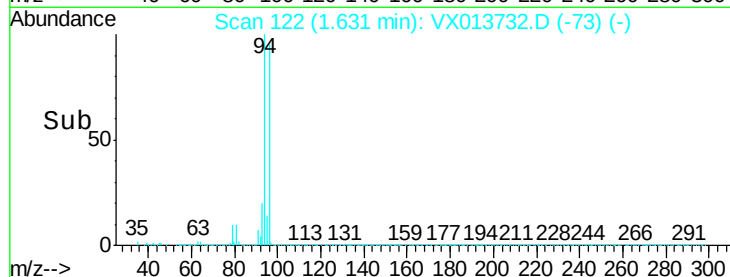
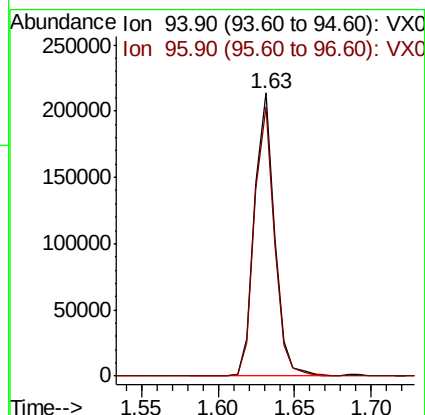
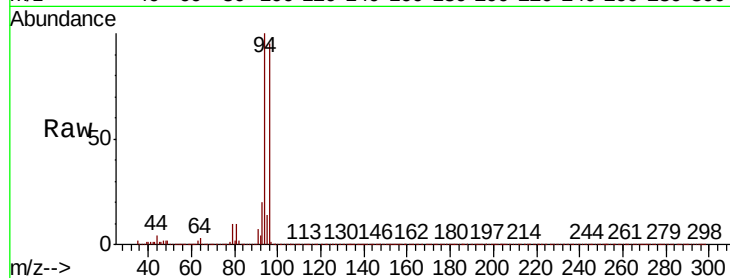
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 194608

Ion Ratio Lower Upper

94 100

96 95.1 77.0 115.4



#6

Chloroethane

Concen: 48.001 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013732.D

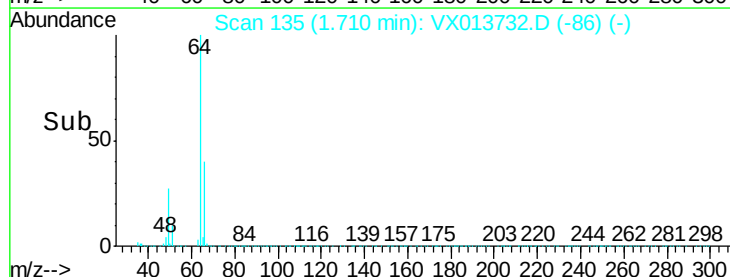
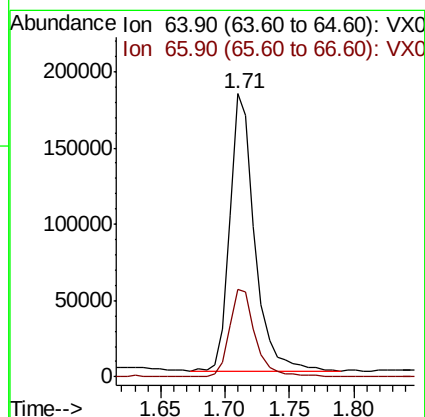
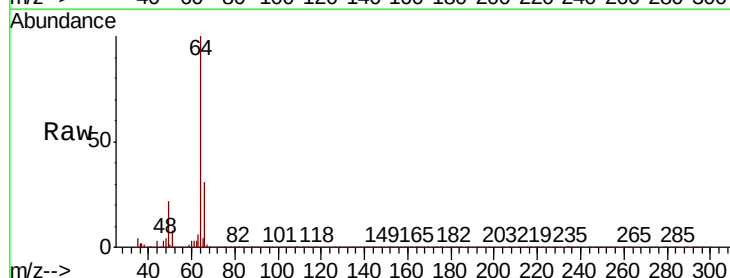
Acq: 03 Dec 2019 18:08

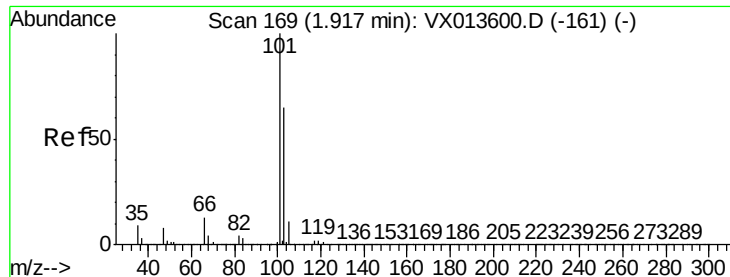
Tgt Ion: 64 Resp: 246542

Ion Ratio Lower Upper

64 100

66 31.3 26.7 40.1



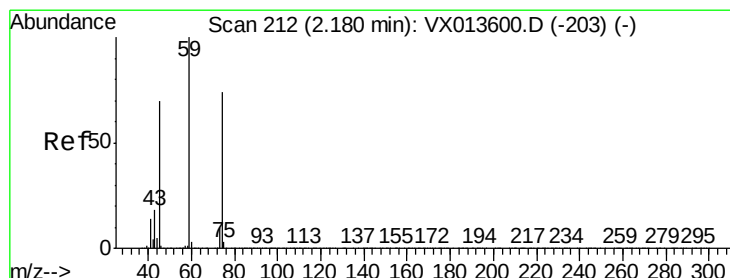
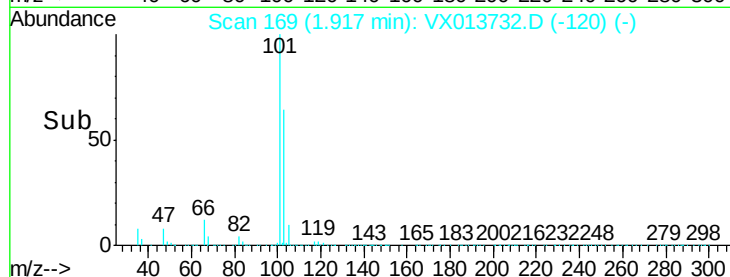
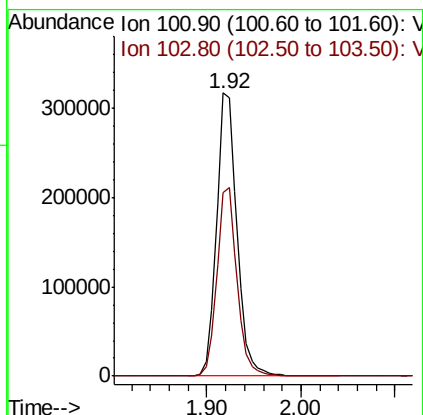
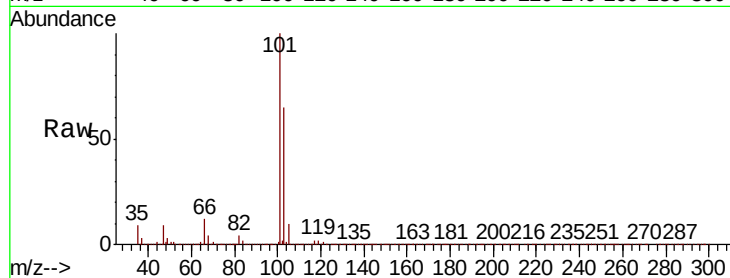


#7

Trichlorofluoromethane
Concen: 47.287 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

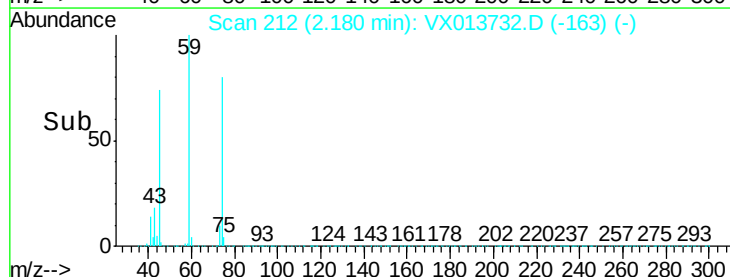
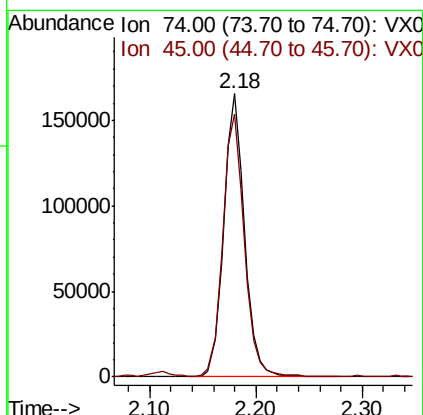
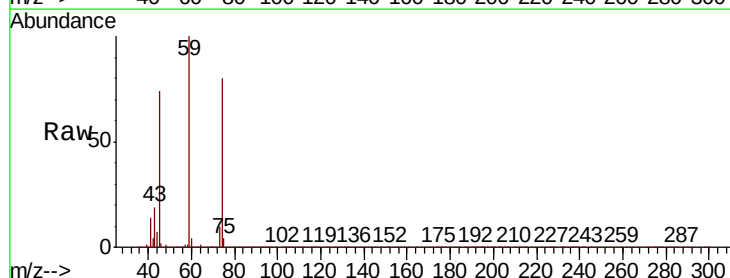
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.6

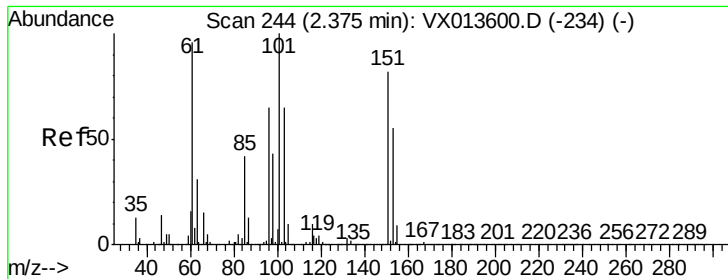


#8

Diethyl Ether
Concen: 49.577 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.532 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

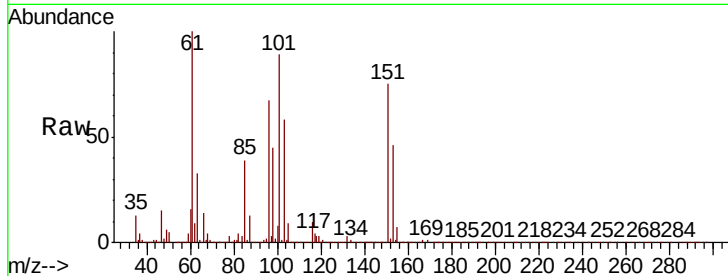
Tot Ion:101 Resp: 290980

Ion Ratio Lower Upper

101 100

85 41.5 33.9 50.9

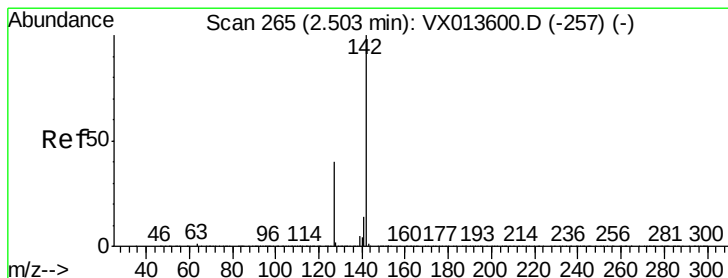
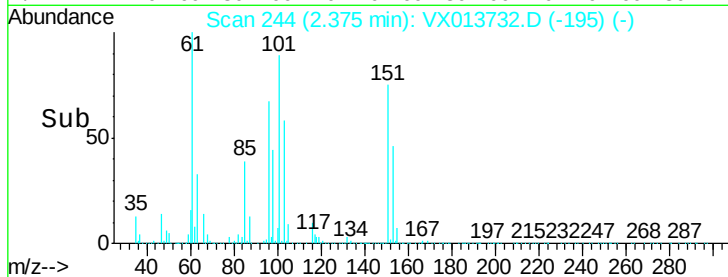
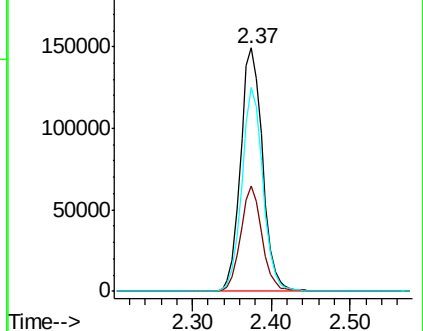
151 79.8 64.2 96.2



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: 33.269 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

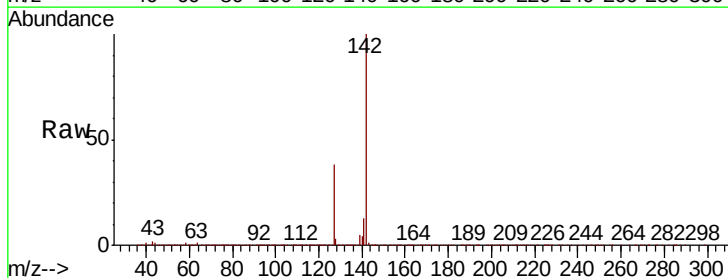
Tgt Ion:142 Resp: 246371

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

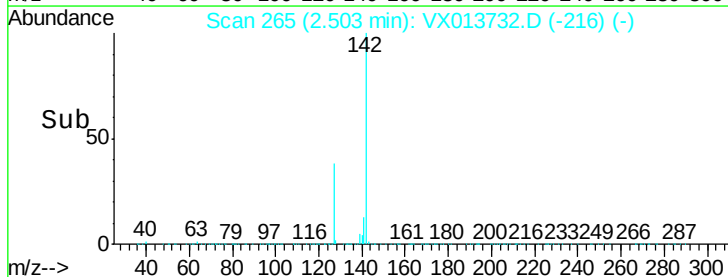
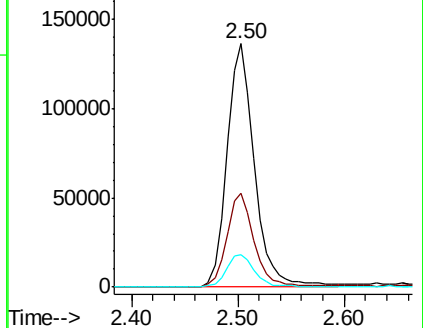
141 13.5 11.6 17.4

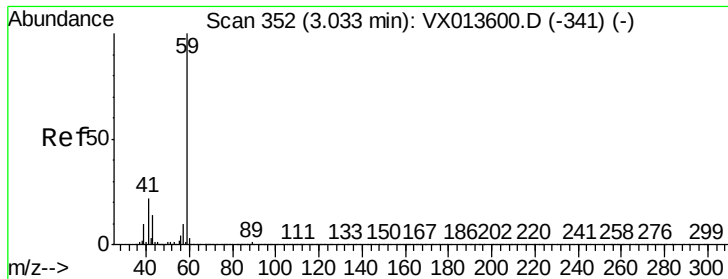


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

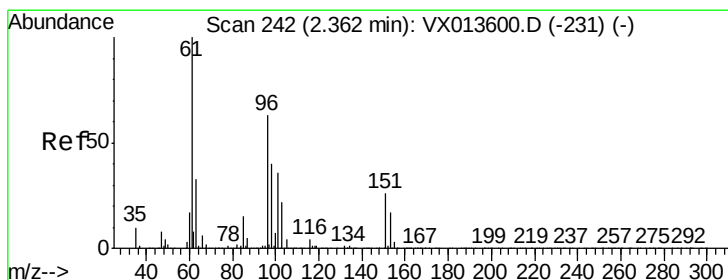
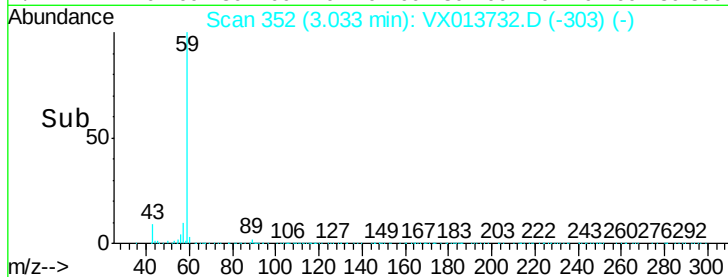
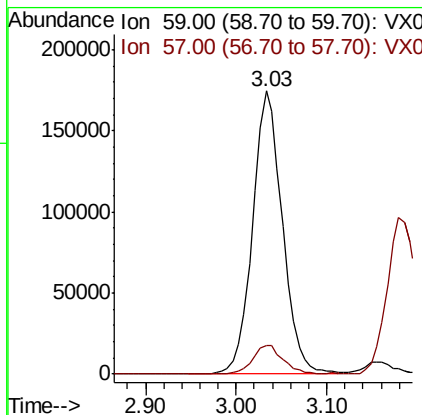
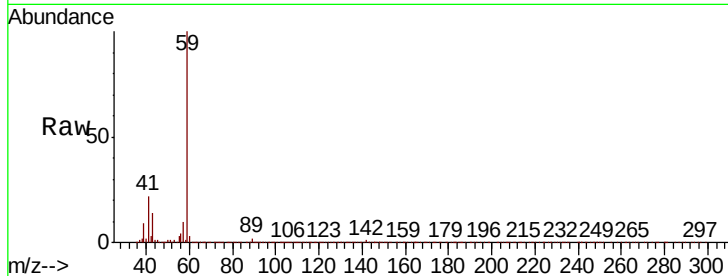




#11
Tert butyl alcohol
Concen: 215.007 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

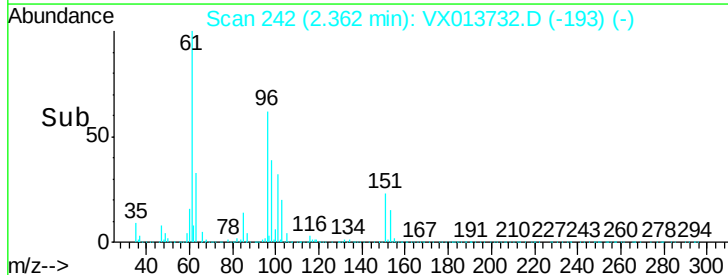
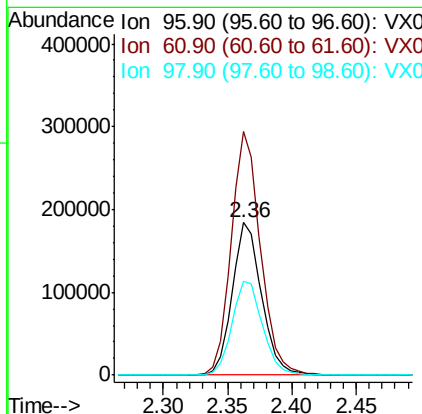
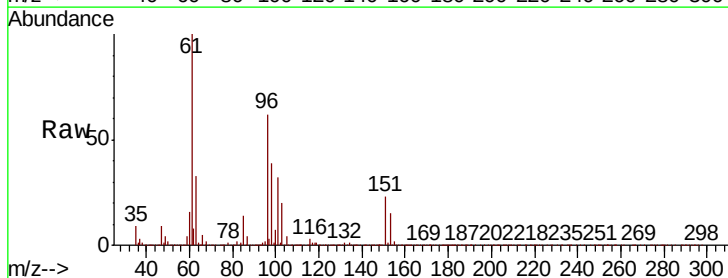
Instrument :
MSVOA_X
ClientSampleId :

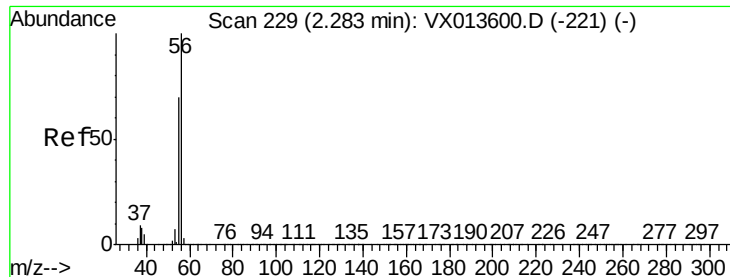
Tot Ion: 59 Resp: 395548
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.822 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 96 Resp: 292219
Ion Ratio Lower Upper
96 100
61 160.0 126.6 190.0
98 62.1 50.6 76.0

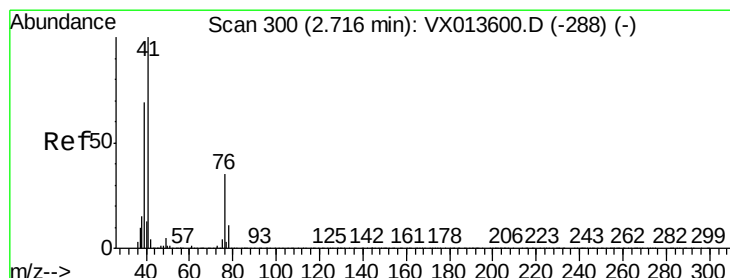
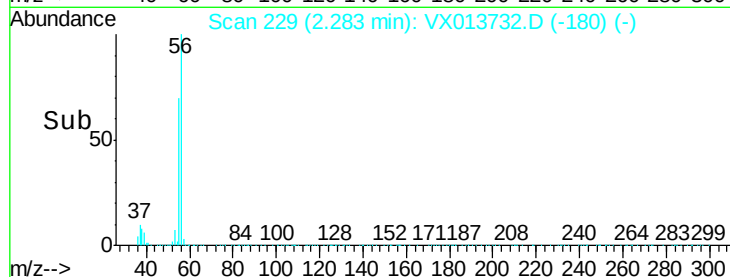
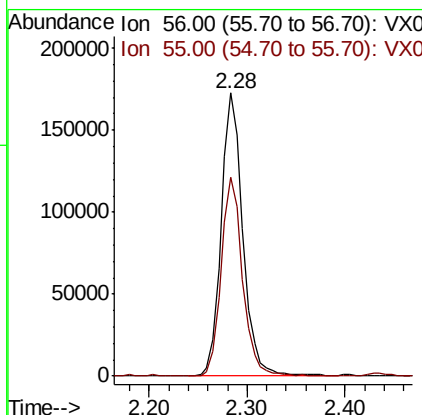
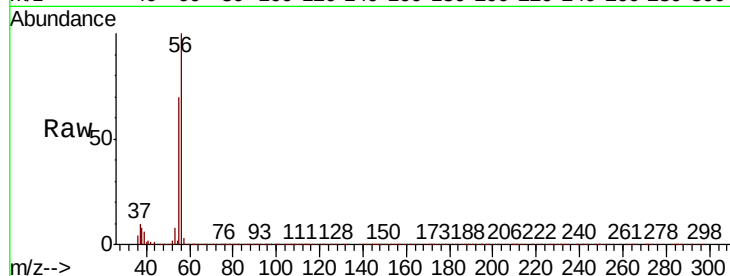




#13
Acrolein
Concen: 214.418 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

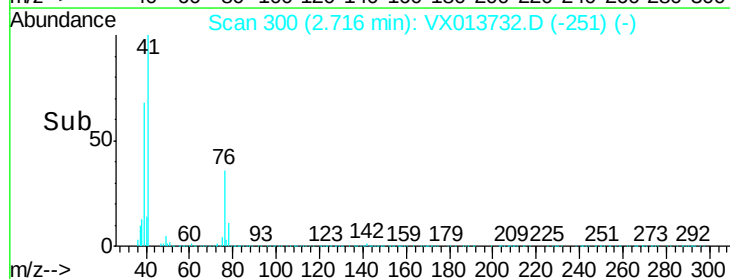
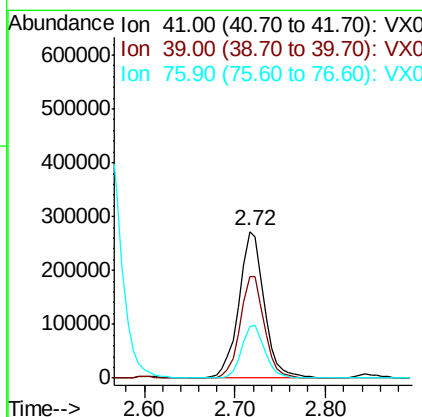
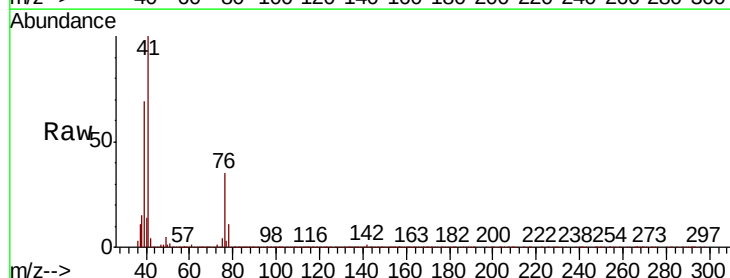
Instrument :
MSVOA_X
ClientSampleId :

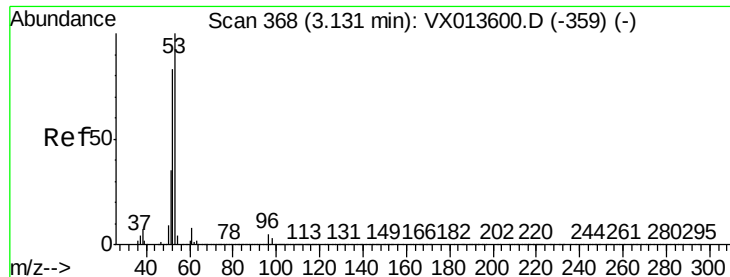
Tot Ion: 56 Resp: 262730
Ion Ratio Lower Upper
56 100
55 69.0 56.2 84.4



#14
Allyl chloride
Concen: 47.379 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 41 Resp: 525393
Ion Ratio Lower Upper
41 100
39 66.0 51.7 77.5
76 32.8 25.9 38.9





#15

Acrylonitrile

Concen: 242.239 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampled :

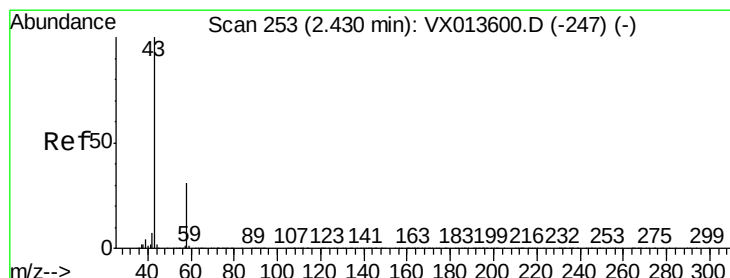
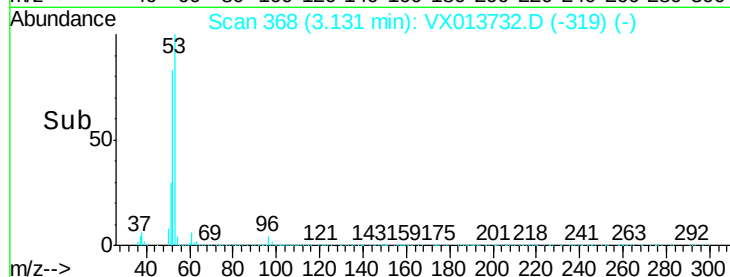
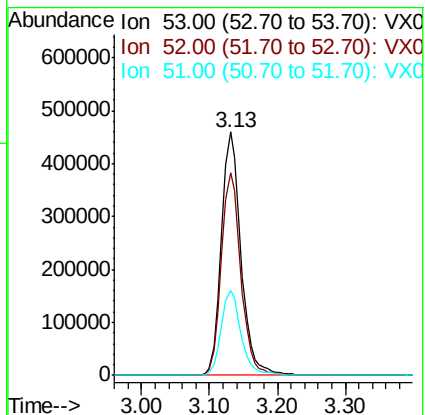
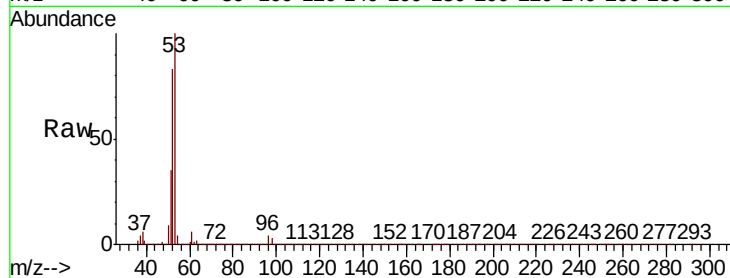
Tot Ion: 53 Resp: 919896

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.2
51	35.8	29.0	43.6

53 100

52 83.0 66.2 99.2

51 35.8 29.0 43.6



#16

Acetone

Concen: 212.156 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013732.D

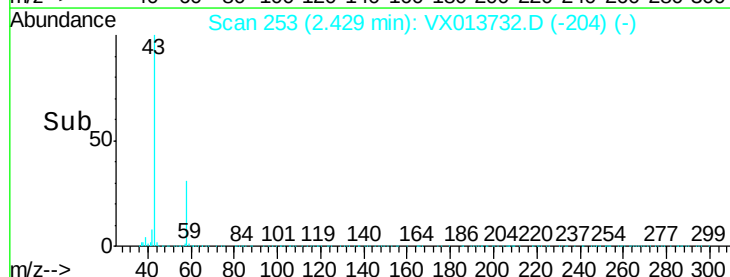
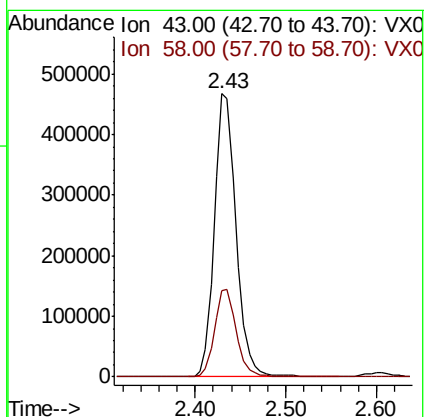
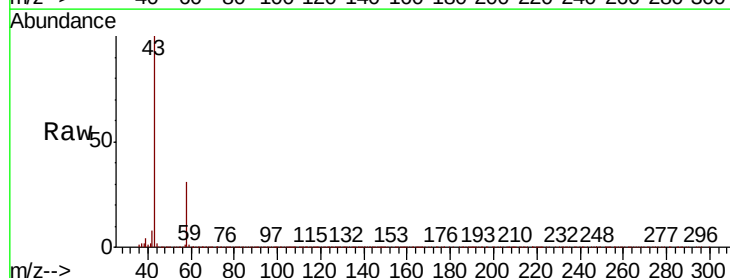
Acq: 03 Dec 2019 18:08

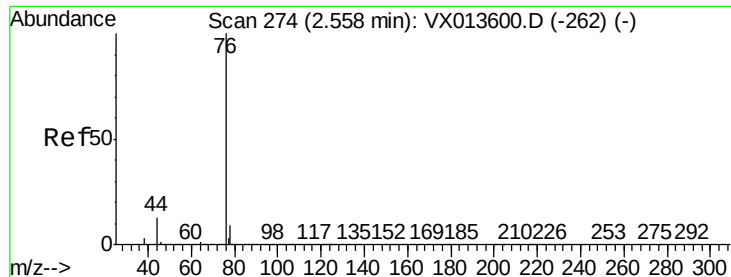
Tgt Ion: 43 Resp: 780683

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8

43 100

58 30.7 24.6 36.8





#17

Carbon Disulfide

Concen: 44.506 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

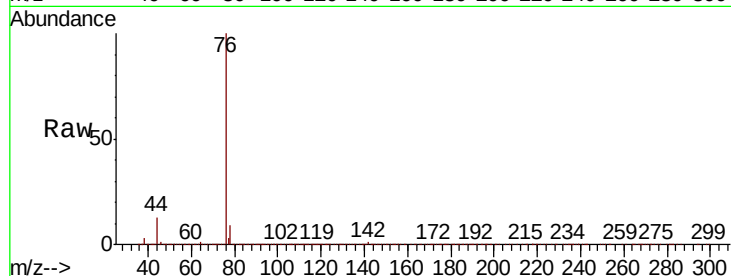
ClientSampleId :

Tot Ion: 76 Resp: 775270

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

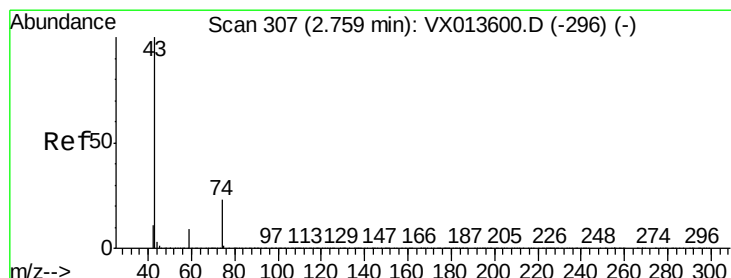
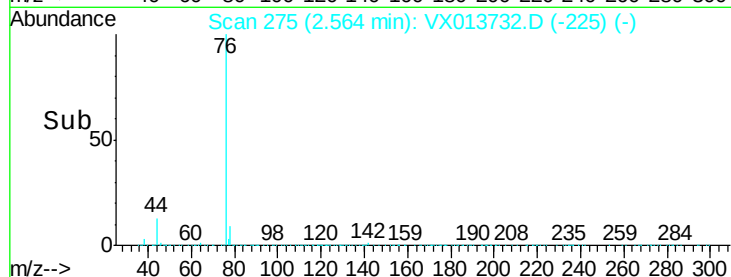
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 49.561 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013732.D

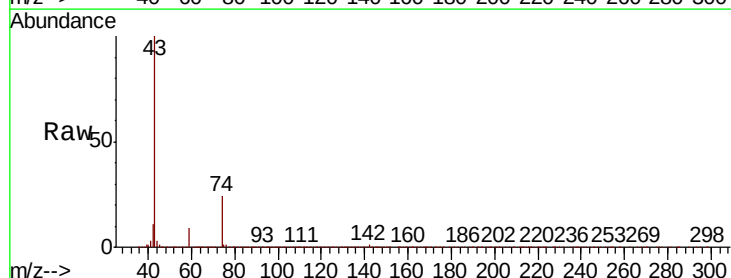
Acq: 03 Dec 2019 18:08

Tgt Ion: 43 Resp: 507836

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

300000

250000

200000

150000

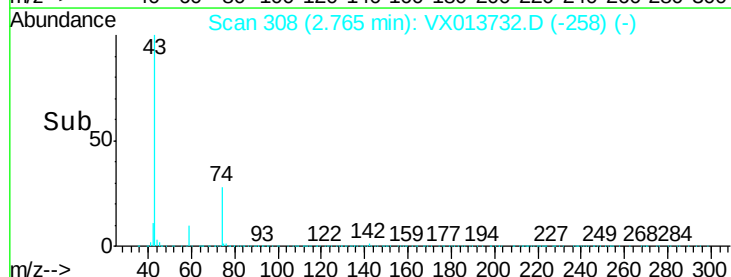
100000

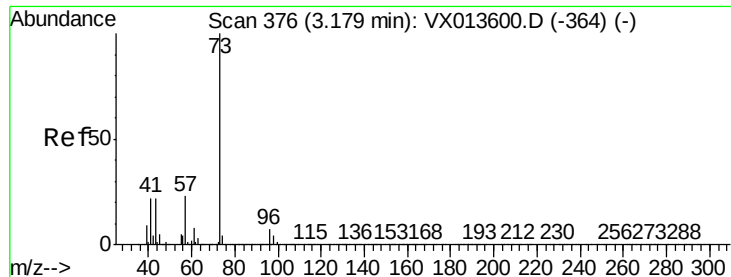
50000

0

Time-->

2.70 2.80



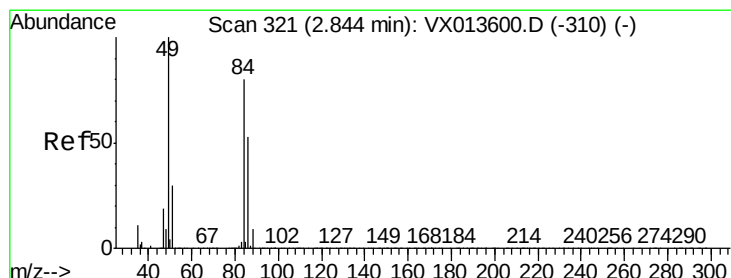
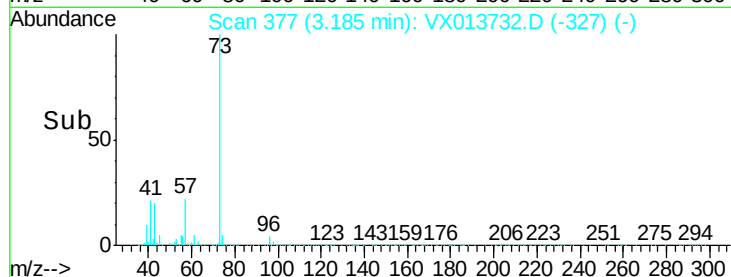
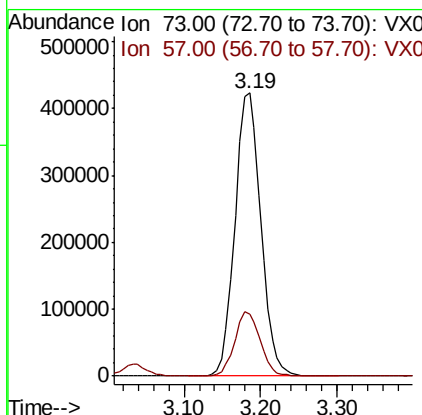
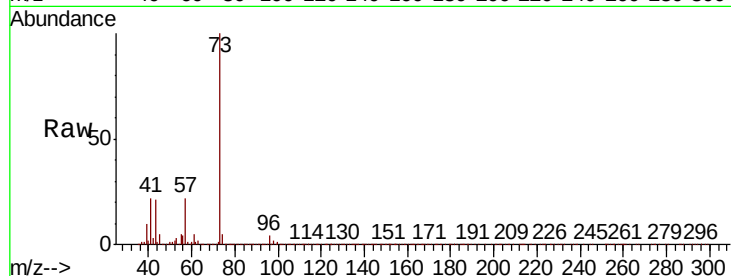


#19

Methyl tert-butyl Ether
 Concen: 49.172 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :

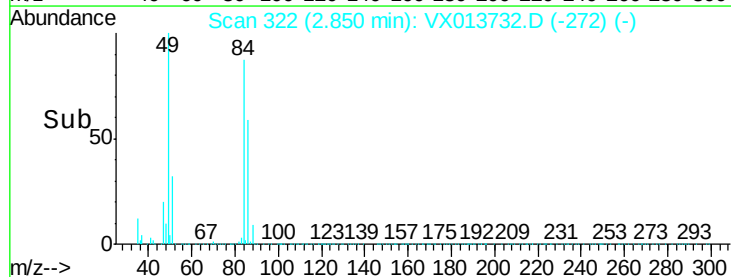
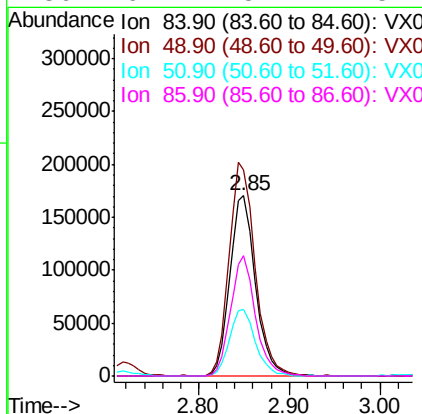
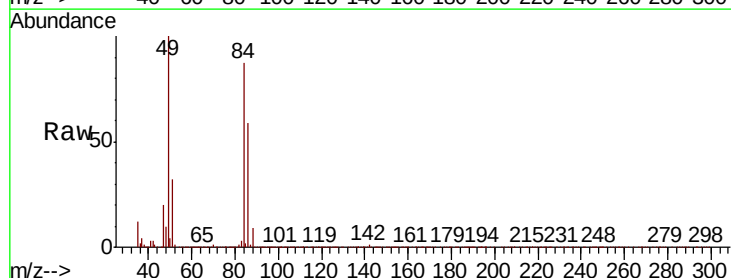
Tot Ion: 73 Resp: 995388
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.3 27.5

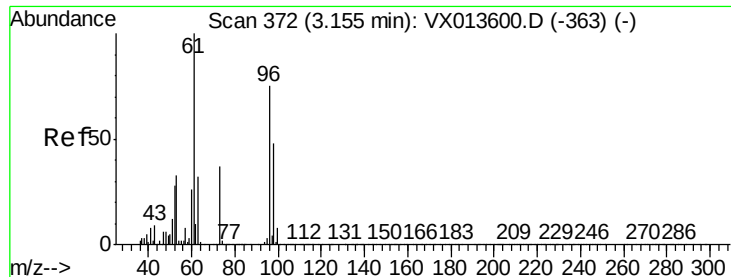


#20

Methylene Chloride
 Concen: 47.403 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion: 84 Resp: 335115
 Ion Ratio Lower Upper
 84 100
 49 114.6 99.7 149.5
 51 36.6 29.9 44.9
 86 67.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.459 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

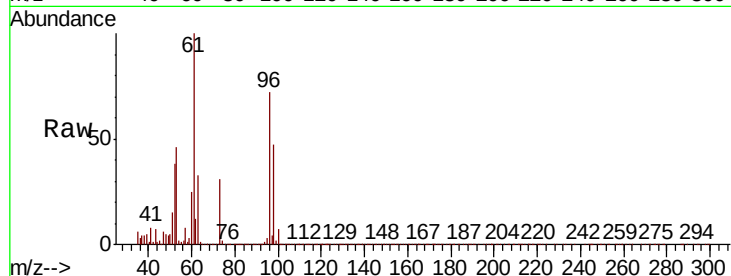
Tot Ion: 96 Resp: 315926

Ion Ratio Lower Upper

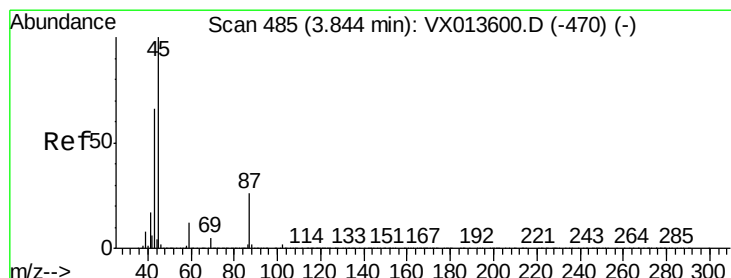
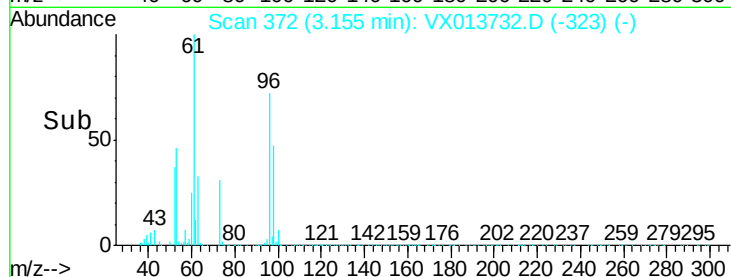
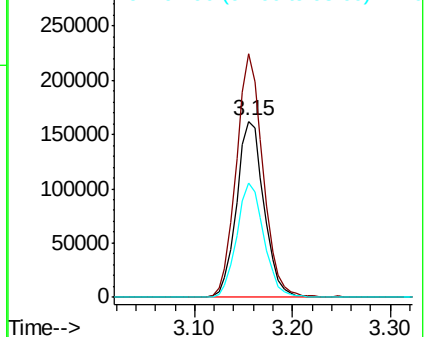
96 100

61 138.2 107.2 160.8

98 64.6 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.172 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Tgt Ion: 45 Resp: 1049964

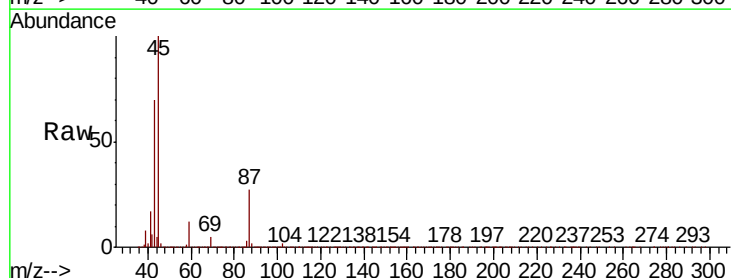
Ion Ratio Lower Upper

45 100

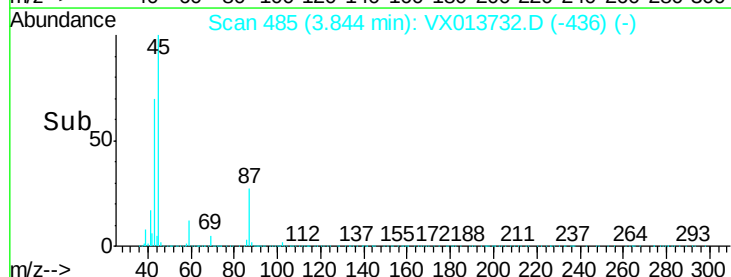
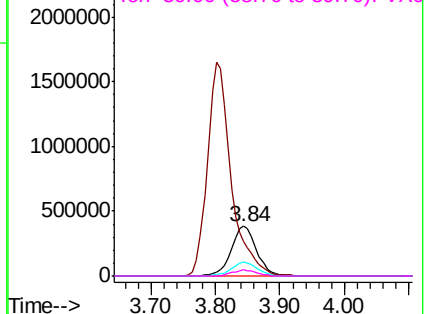
43 69.3 52.6 79.0

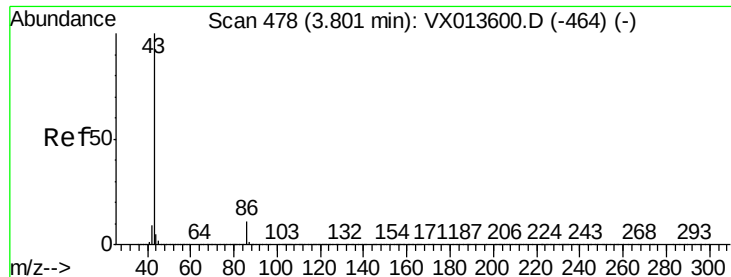
87 27.4 21.1 31.7

59 11.6 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 239.144 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

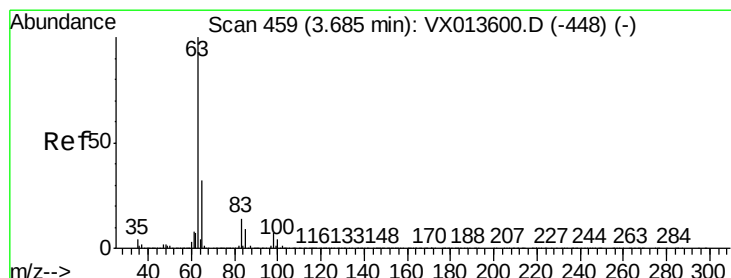
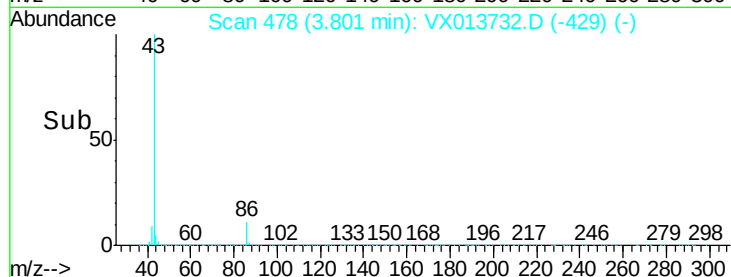
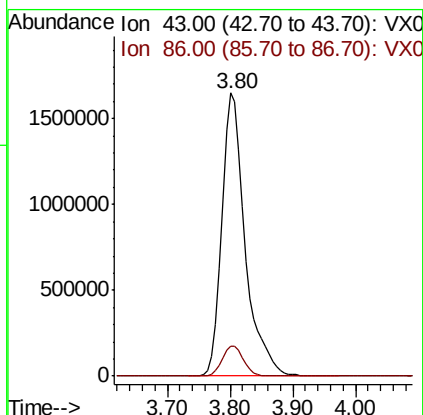
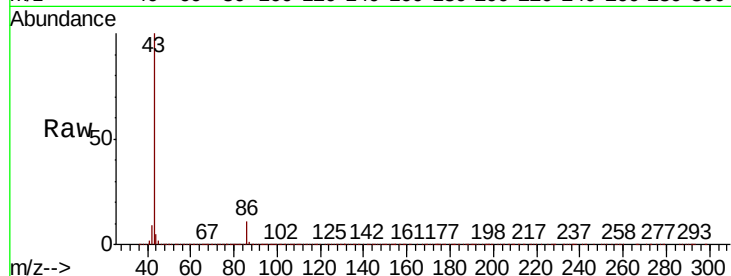
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4247969

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.788 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

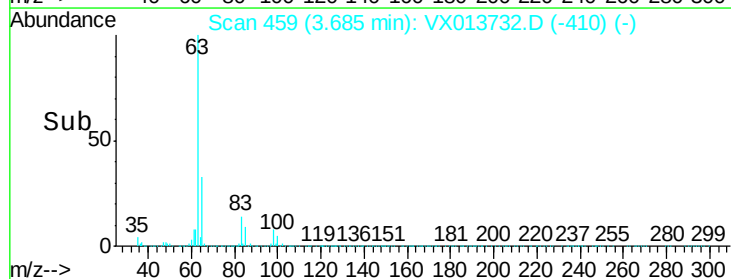
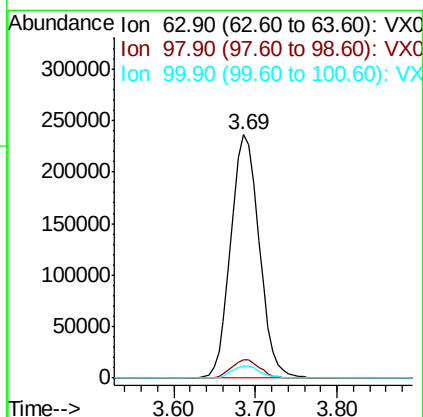
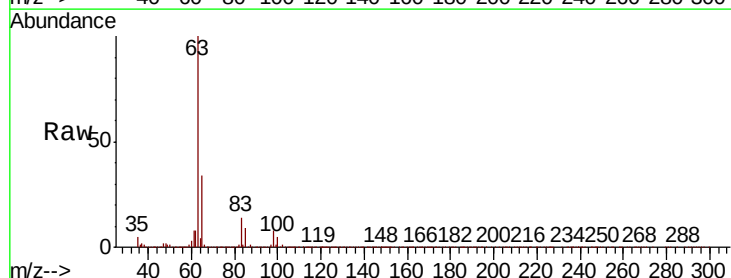
Tgt Ion: 63 Resp: 569488

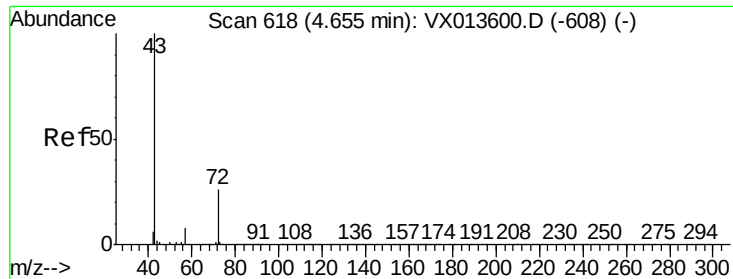
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 235.047 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

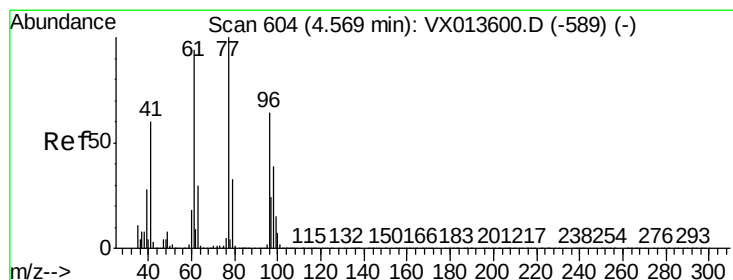
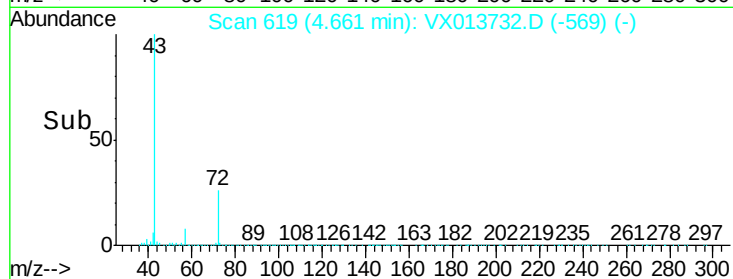
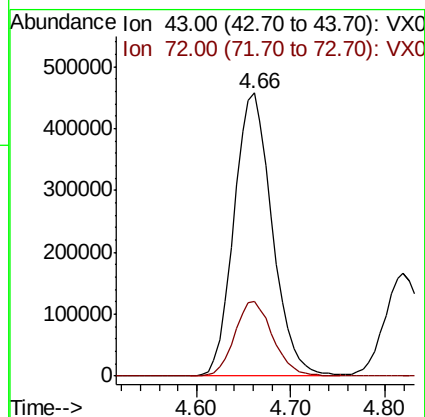
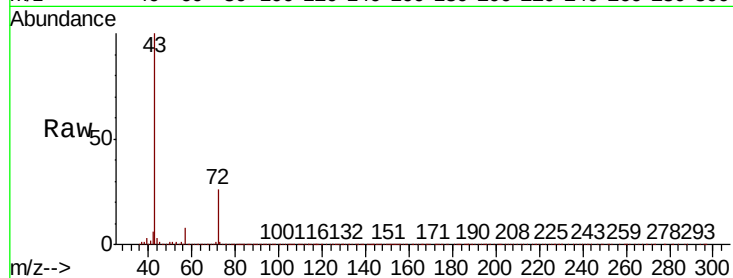
ClientSampled :

Tot Ion: 43 Resp: 1285432

Ion Ratio Lower Upper

43 100

72 26.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 43.569 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013732.D

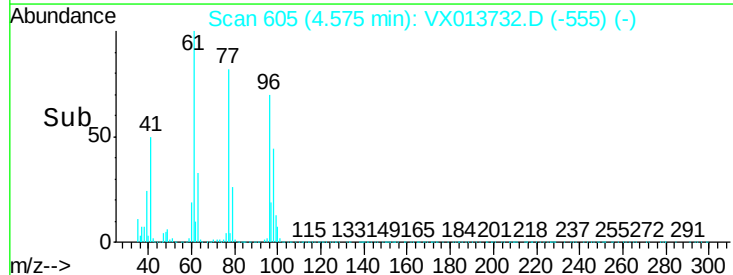
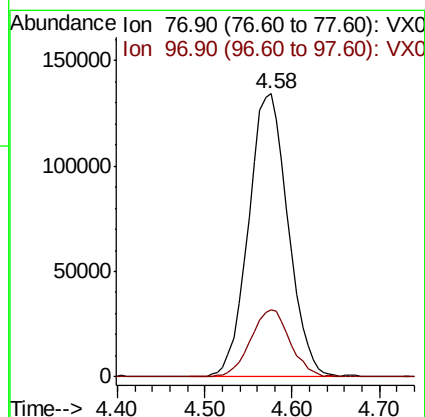
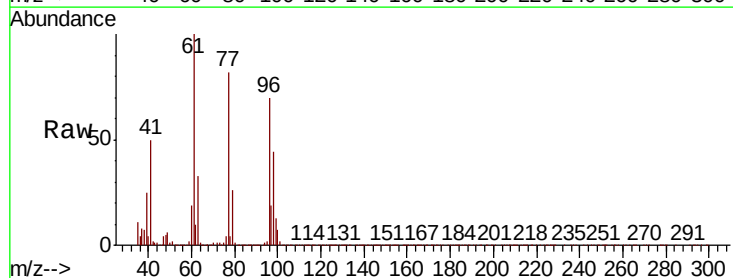
Acq: 03 Dec 2019 18:08

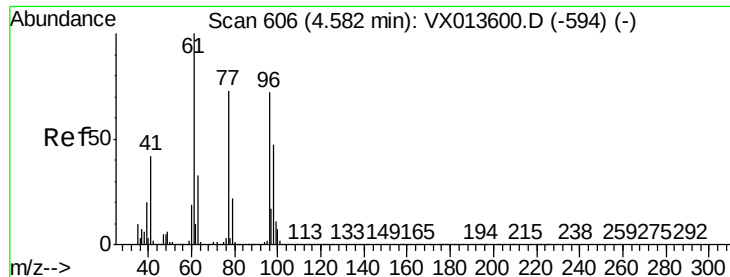
Tgt Ion: 77 Resp: 420775

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1



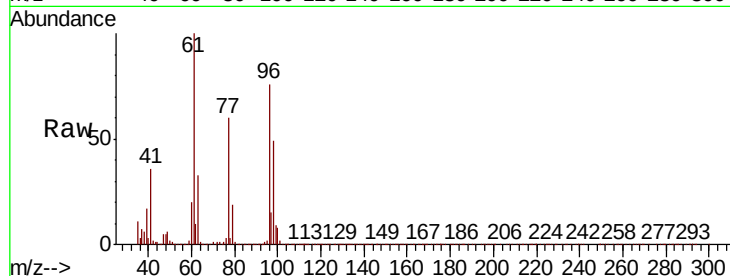


#27

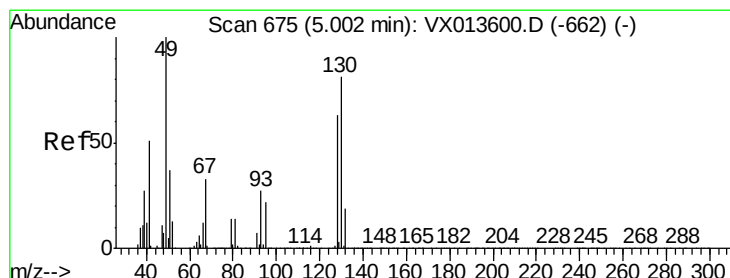
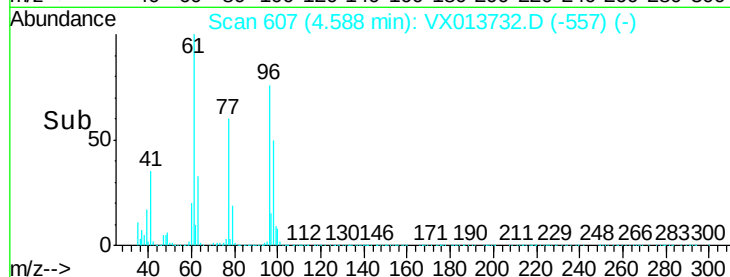
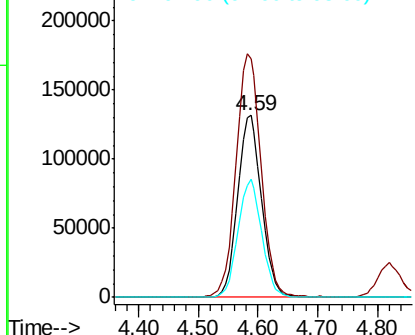
cis-1,2-Dichloroethene
Concen: 48.014 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	286.4
98	64.2	0.0	127.4



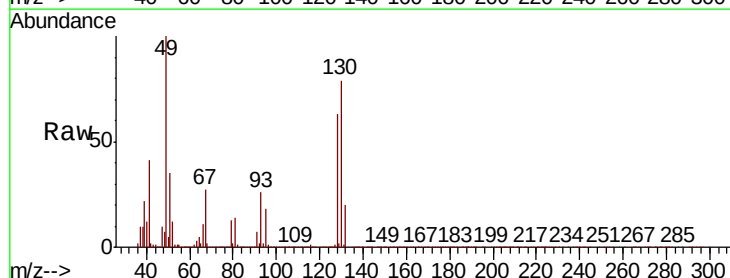
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



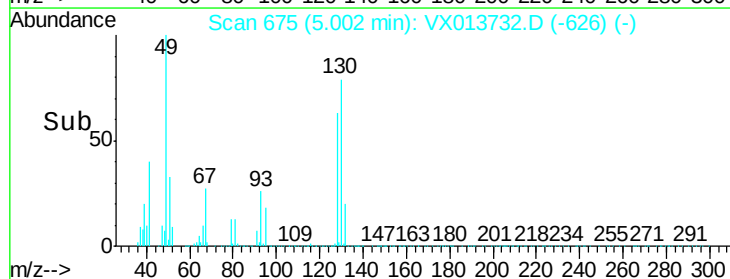
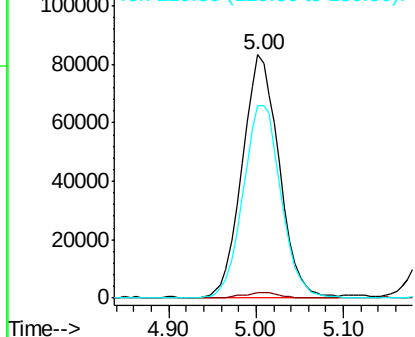
#28

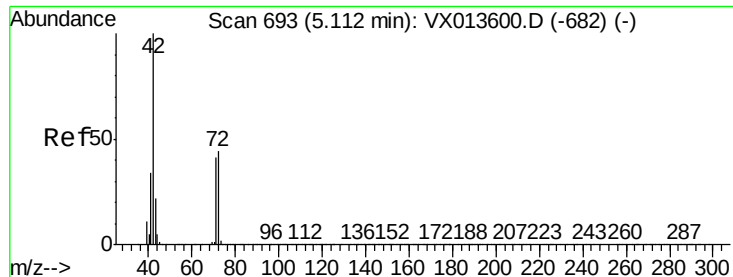
Bromochloromethane
Concen: 52.766 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.9	65.4	98.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 245.348 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

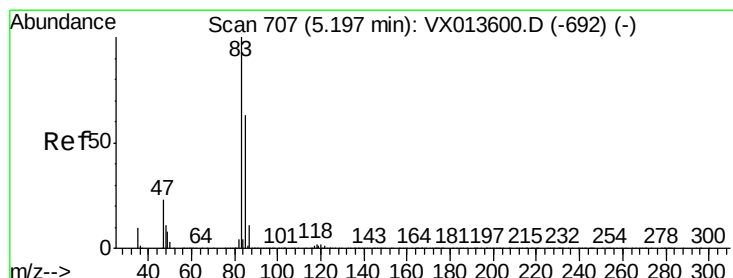
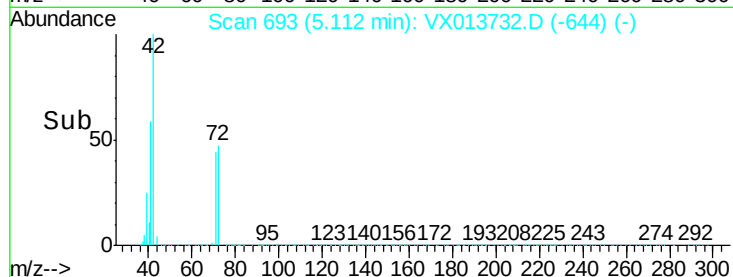
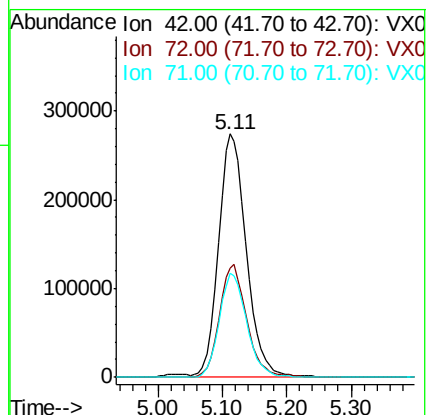
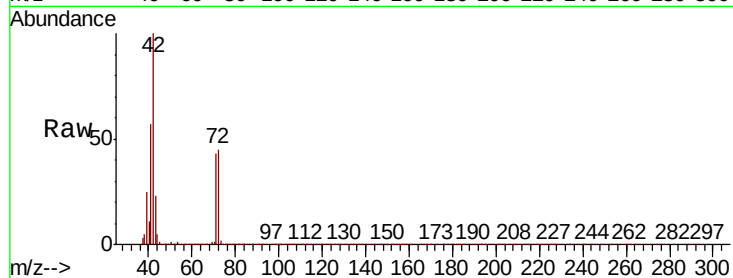
Tot Ion: 42 Resp: 827157

Ion Ratio Lower Upper

42 100

72 45.8 36.3 54.5

71 42.5 33.2 49.8



#30

Chloroform

Concen: 47.064 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013732.D

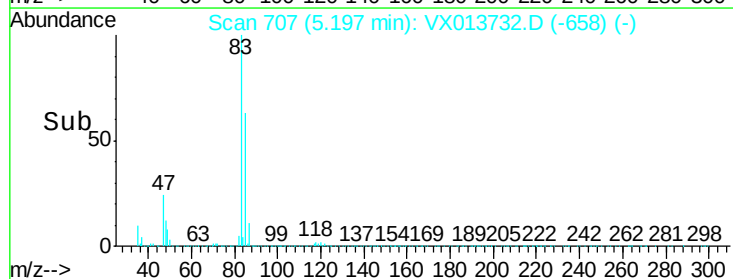
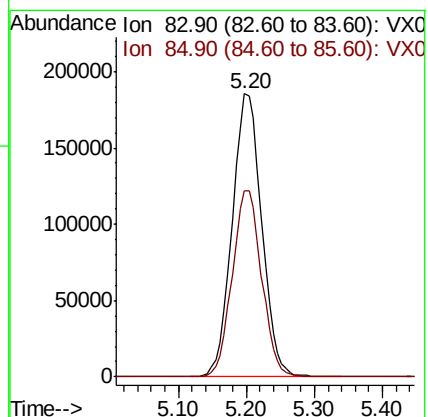
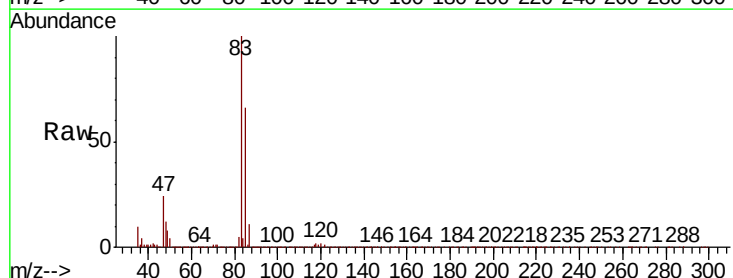
Acq: 03 Dec 2019 18:08

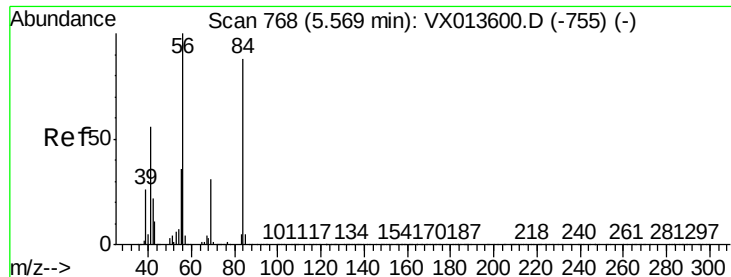
Tgt Ion: 83 Resp: 557151

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.4

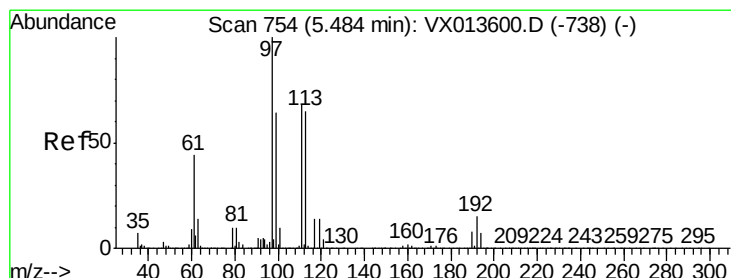
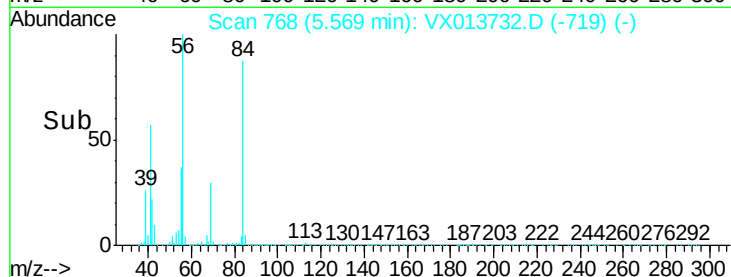
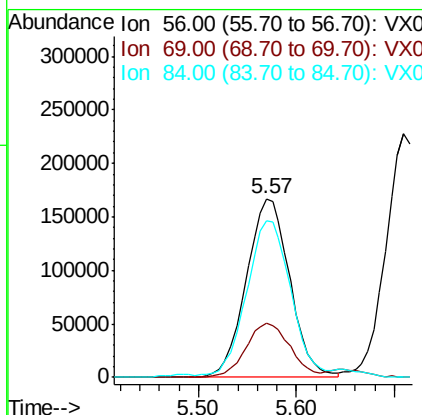
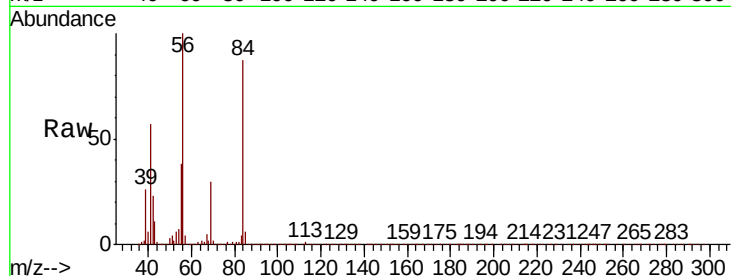




#31
Cyclohexane
Concen: 46.443 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

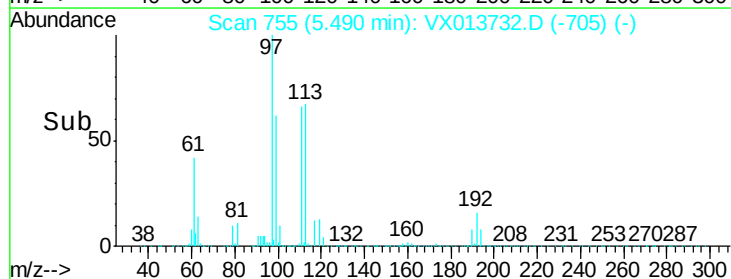
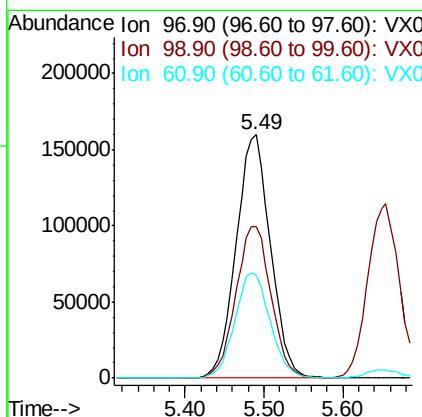
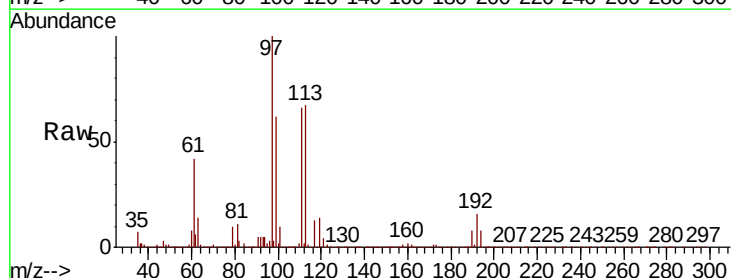
Instrument :
MSVOA_X
ClientSampleId :

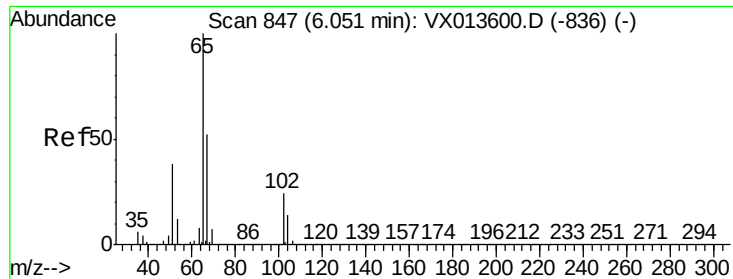
Tot Ion: 56 Resp: 511327
Ion Ratio Lower Upper
56 100
69 30.2 24.6 36.8
84 86.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.741 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 97 Resp: 482180
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 44.4 36.1 54.1

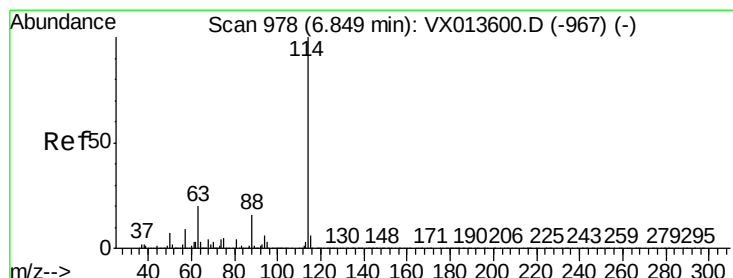
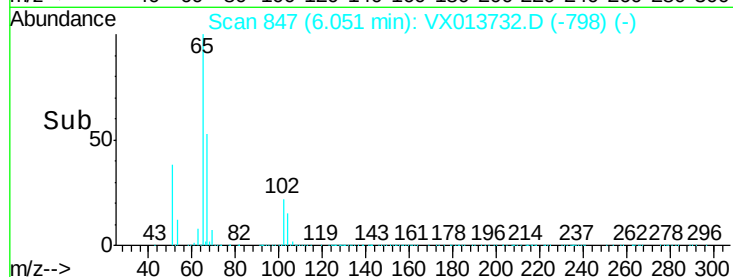
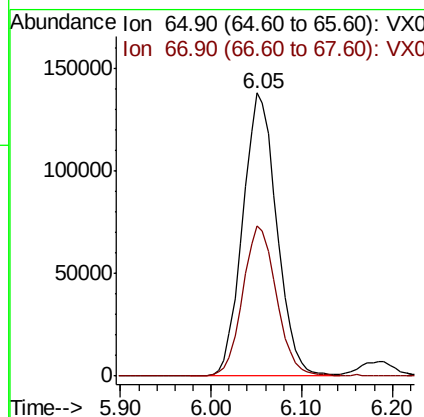
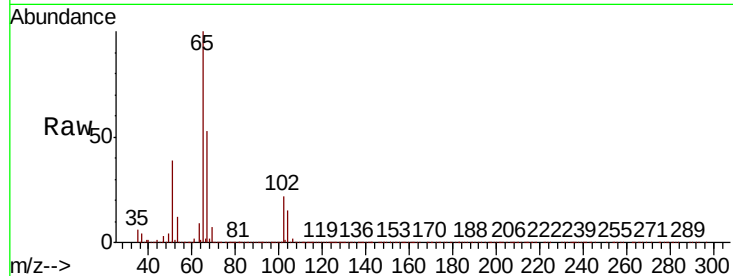




#33
 1,2-Dichloroethane-d4
 Concen: 48.250 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

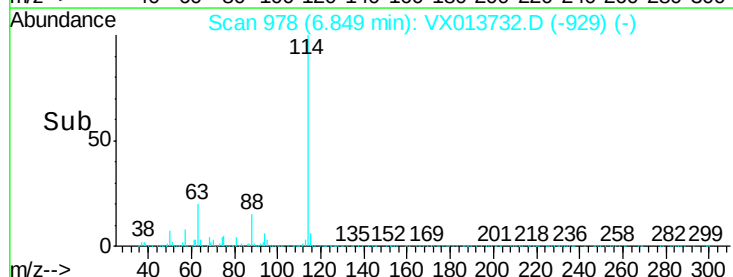
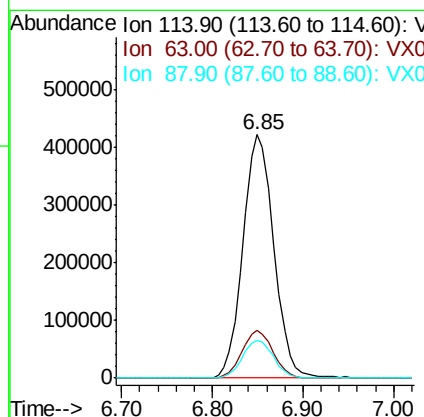
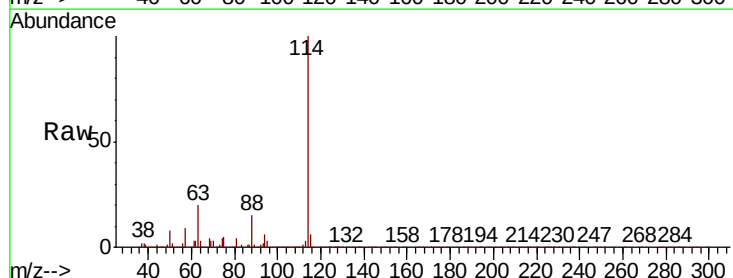
Instrument :
 MSVOA_X
 ClientSampleId :

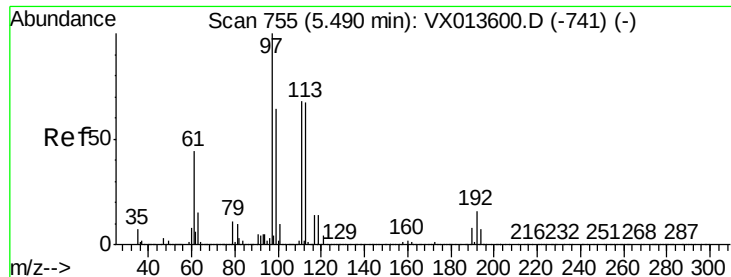
Tot Ion: 65 Resp: 359616
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion: 114 Resp: 992677
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.423 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

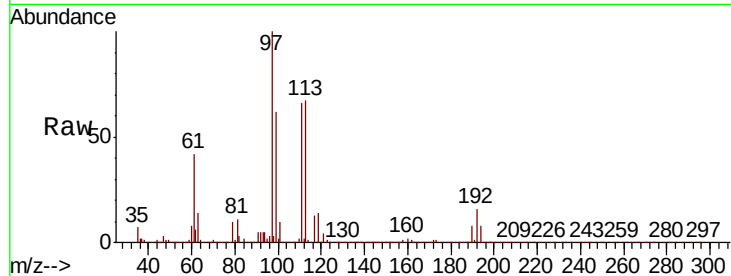
Tot Ion:113 Resp: 297165

Ion Ratio Lower Upper

113 100

111 102.1 83.6 125.4

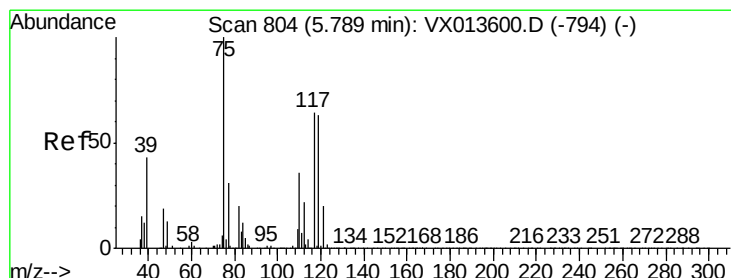
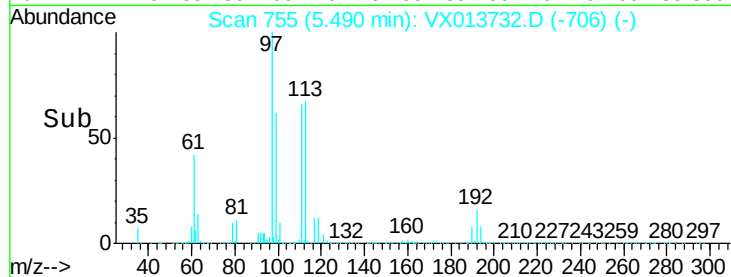
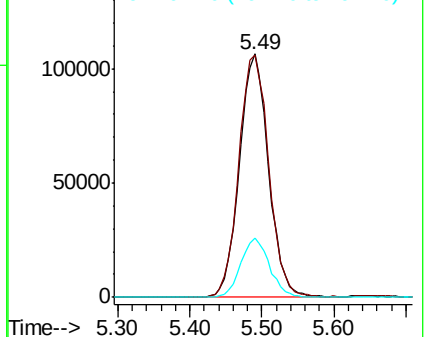
192 24.2 19.2 28.8



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: 46.652 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

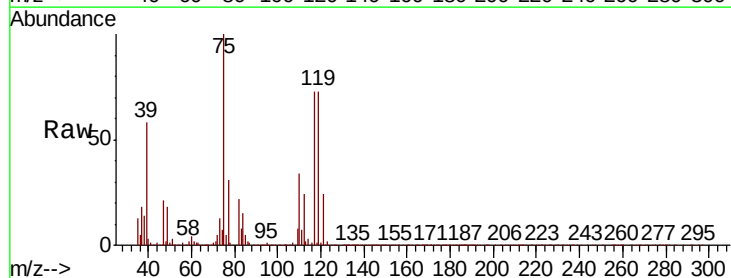
Tgt Ion: 75 Resp: 420385

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.1

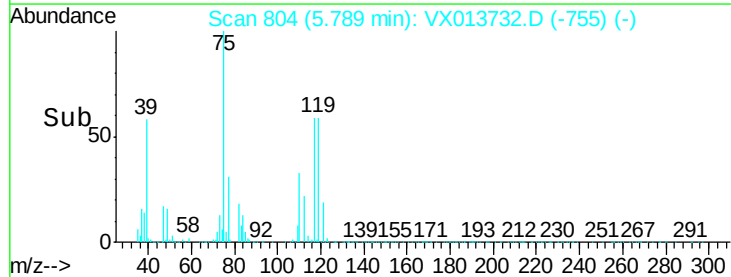
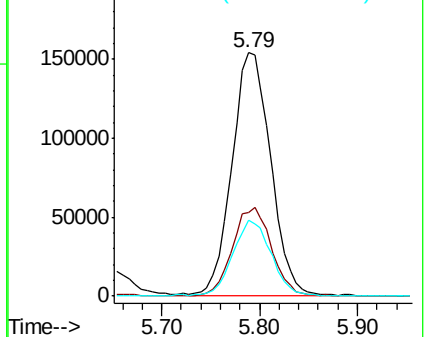
77 30.6 24.5 36.7

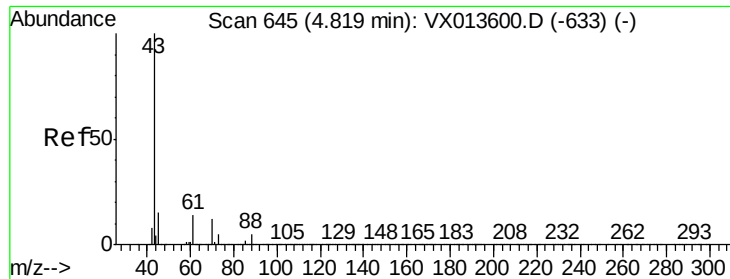


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

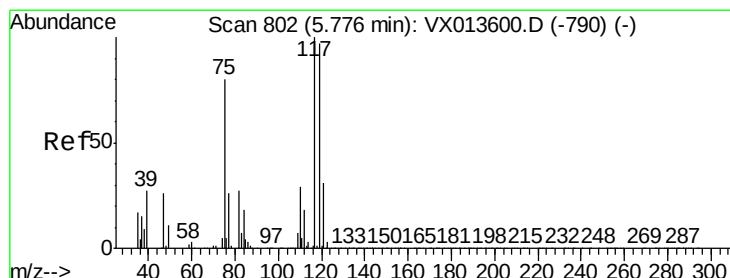
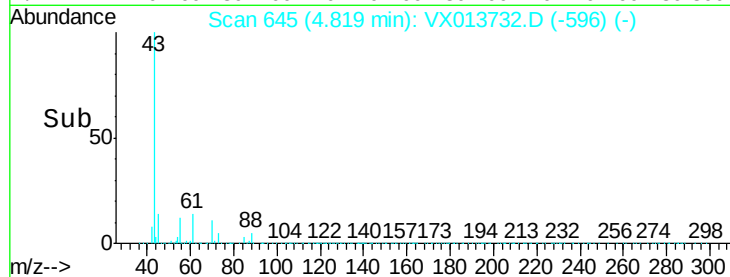
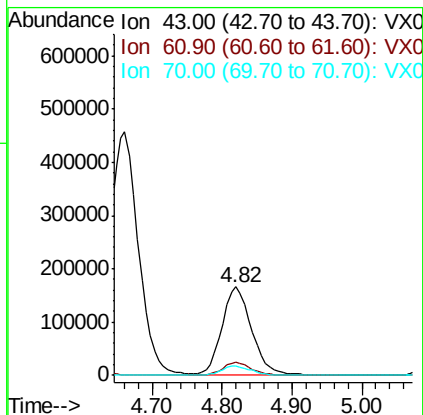
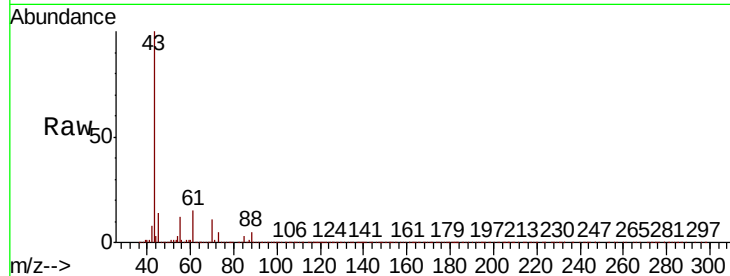




#37
Ethyl Acetate
Concen: 47.854 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

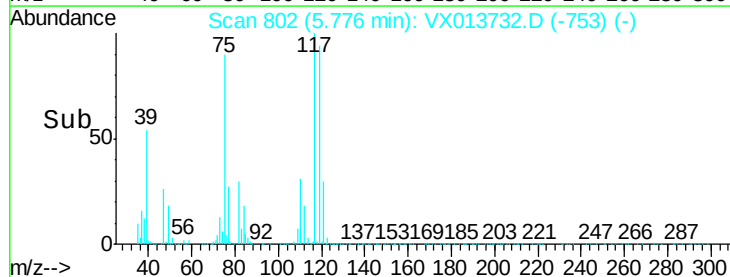
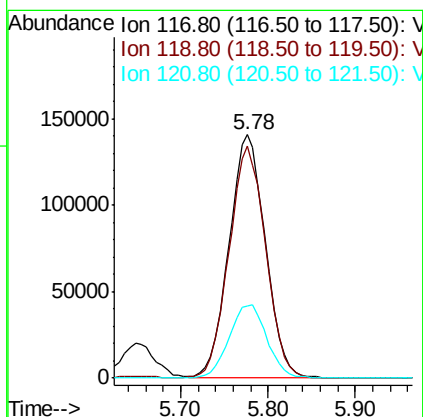
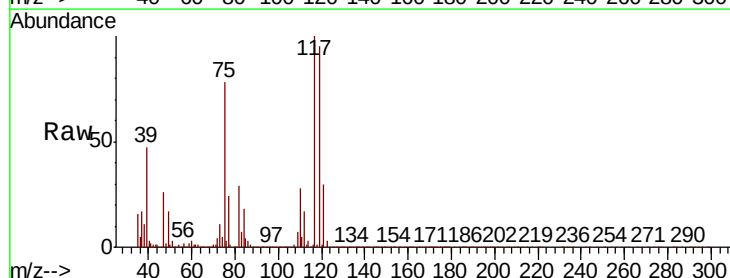
Instrument :
MSVOA_X
ClientSampleId :

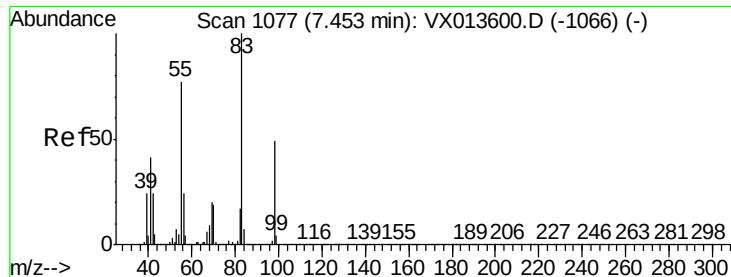
Tot Ion: 43 Resp: 483758
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.779 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 117 Resp: 405305
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 29.7 25.0 37.6

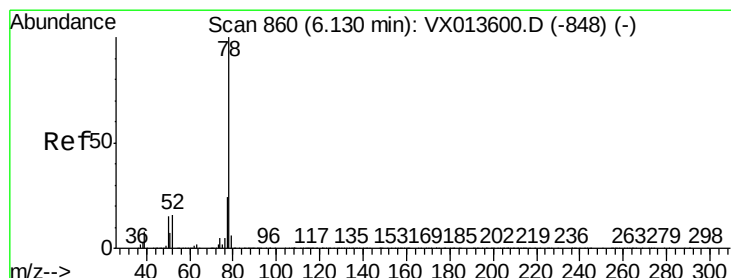
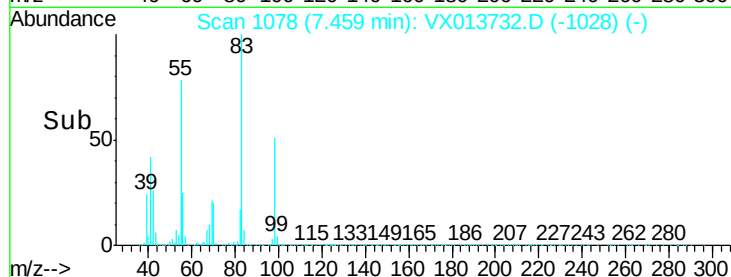
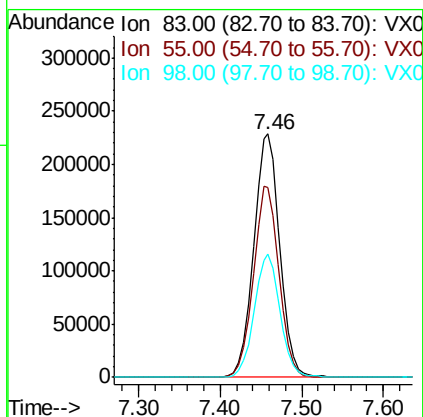
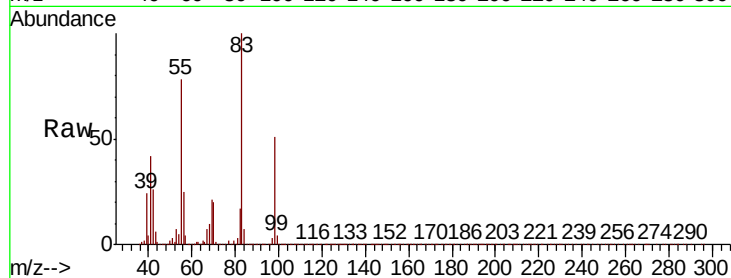




#39
Methylvlcyclohexane
Concen: 45.612 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

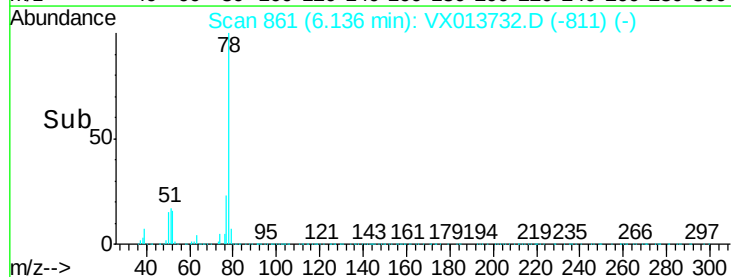
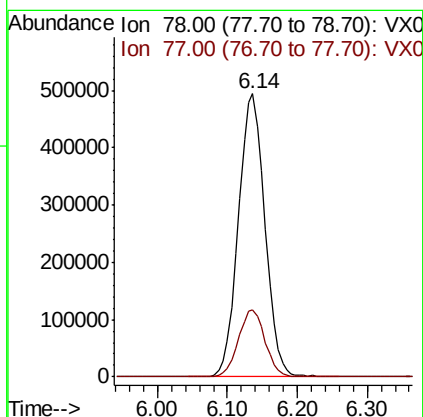
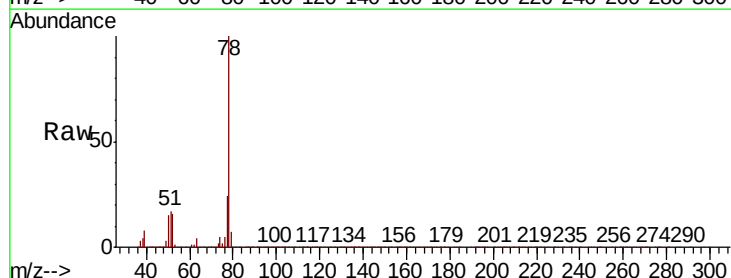
Instrument :
MSVOA_X
ClientSampleId :

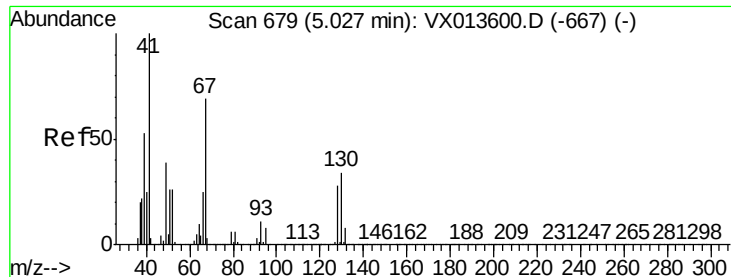
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.9	92.9
98	50.5	39.4	59.0



#40
Benzene
Concen: 47.371 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4

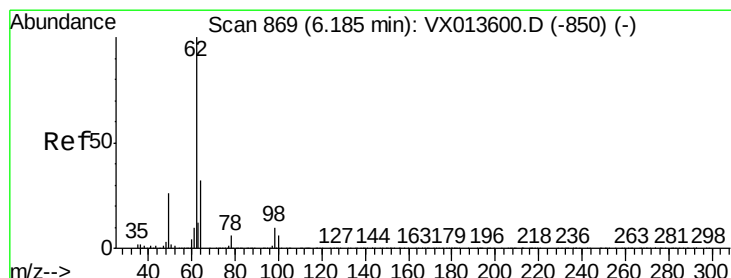
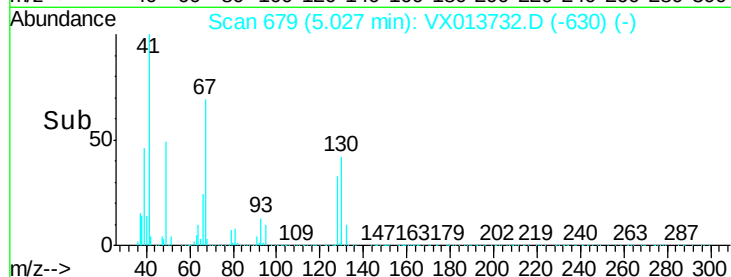
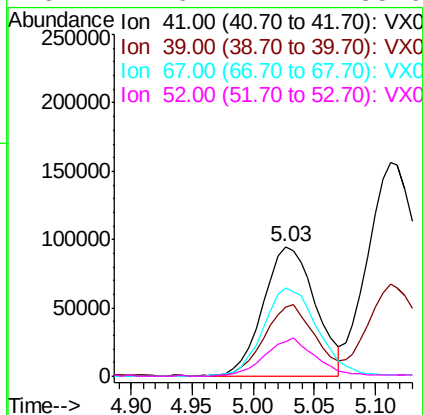
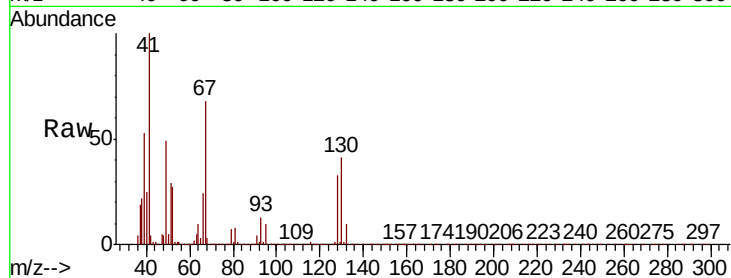




#41
Methacrylonitrile
Concen: 50.709 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

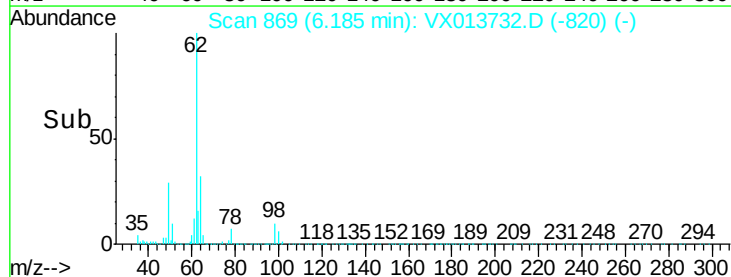
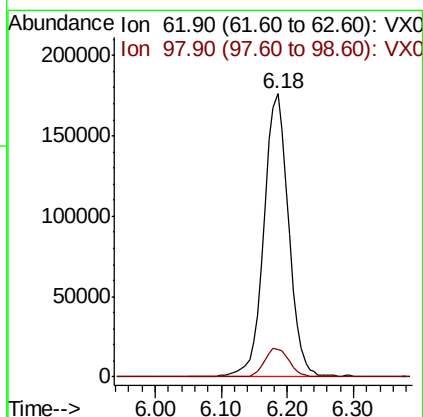
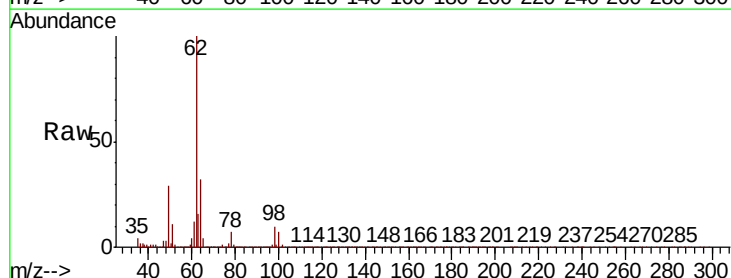
Instrument :
MSVOA_X
ClientSampled :

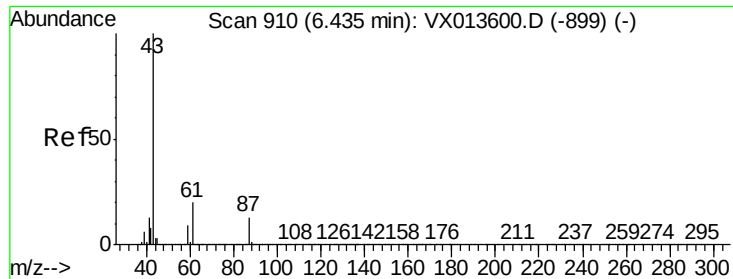
Tot Ion:	41	Resp:	281131
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.9	64.3
67	71.0	57.4	86.0
52	27.6	22.4	33.6



#42
1,2-Dichloroethane
Concen: 48.942 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion:	62	Resp:	458080
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 47.788 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampled :

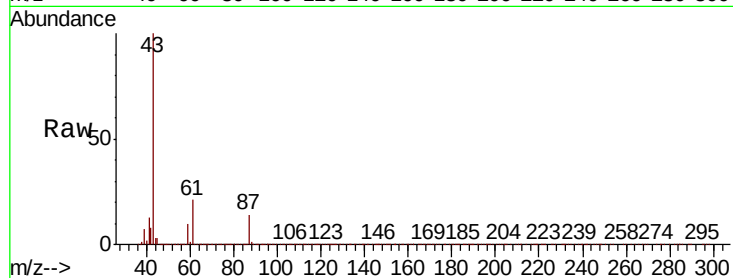
Tot Ion: 43 Resp: 795308

Ion Ratio Lower Upper

43 100

61 20.6 16.3 24.5

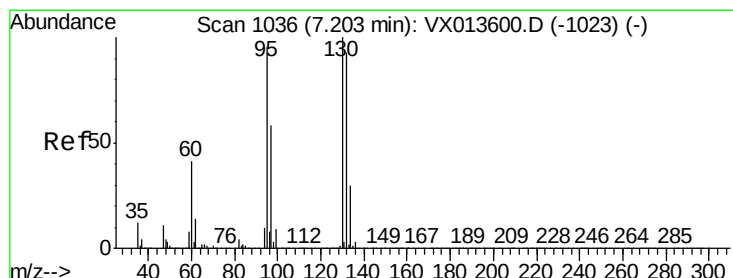
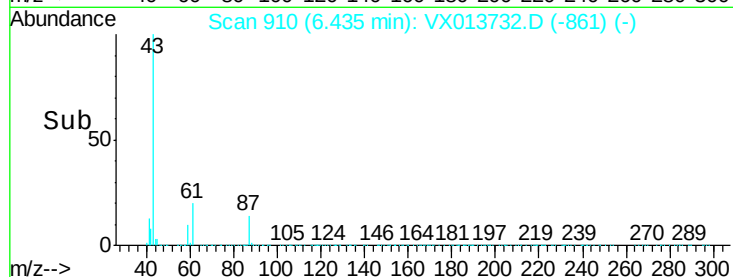
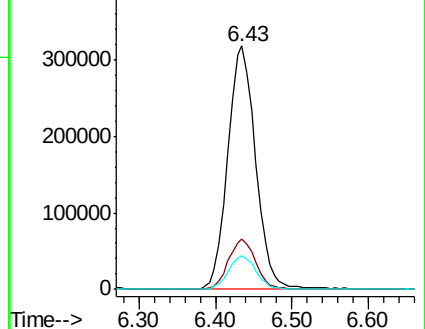
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.397 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013732.D

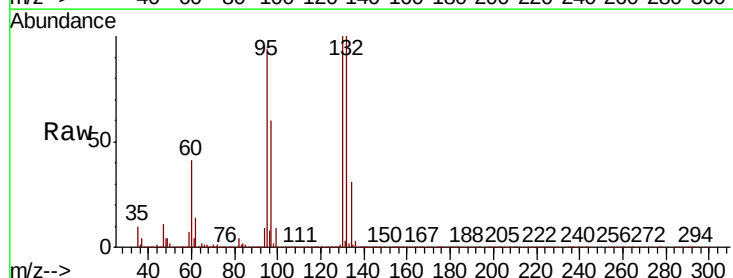
Acq: 03 Dec 2019 18:08

Tgt Ion:130 Resp: 349465

Ion Ratio Lower Upper

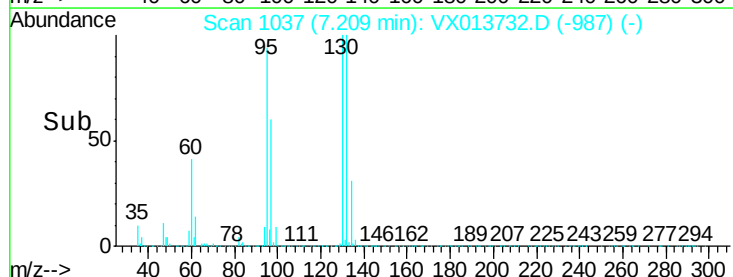
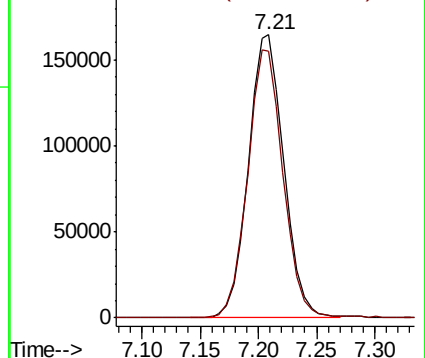
130 100

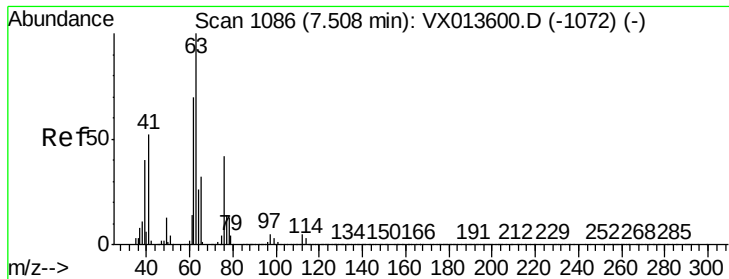
95 94.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

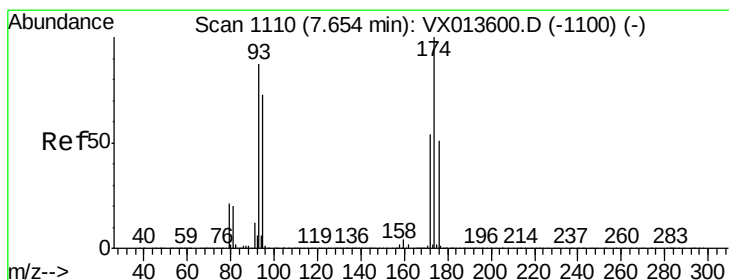
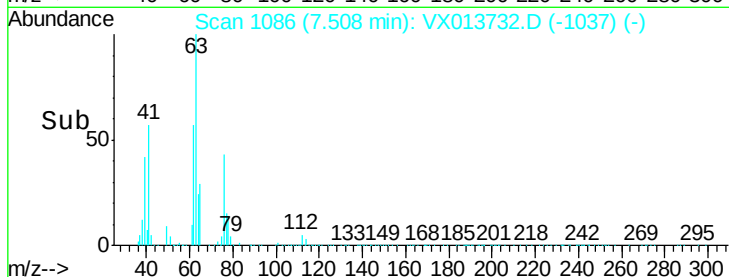
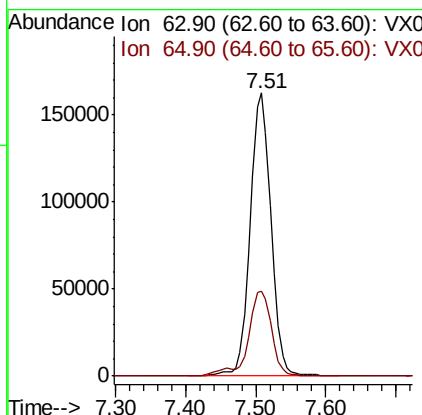
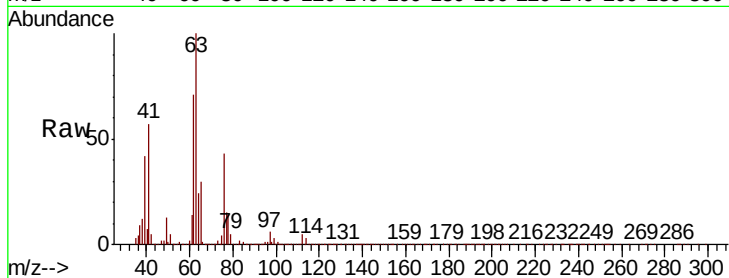




#45
 1,2-Dichloropropane
 Concen: 48.833 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

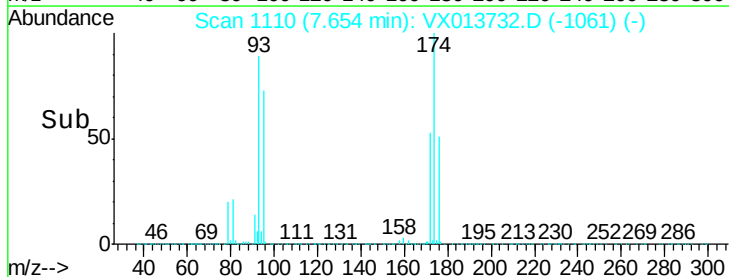
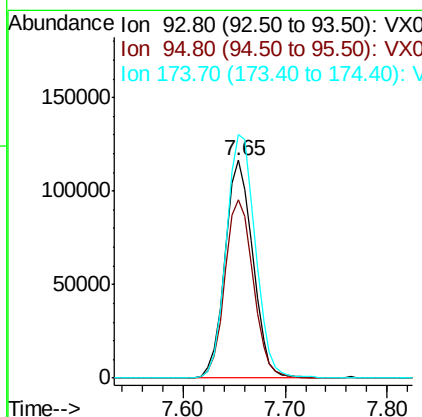
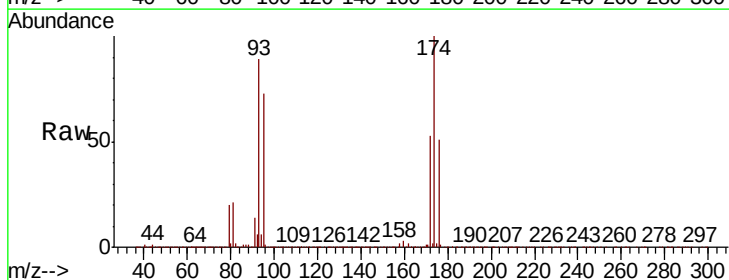
Instrument :
 MSVOA_X
 ClientSampleId :

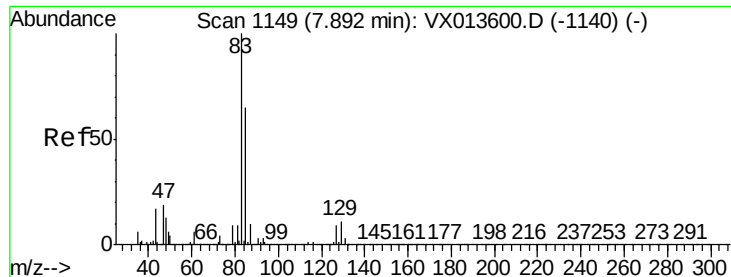
Tot Ion: 63 Resp: 335315
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.5 38.3



#46
 Dibromomethane
 Concen: 47.064 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion: 93 Resp: 219489
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.2 99.2
 174 117.3 93.4 140.0





#47

Bromodichloromethane

Concen: 49.148 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

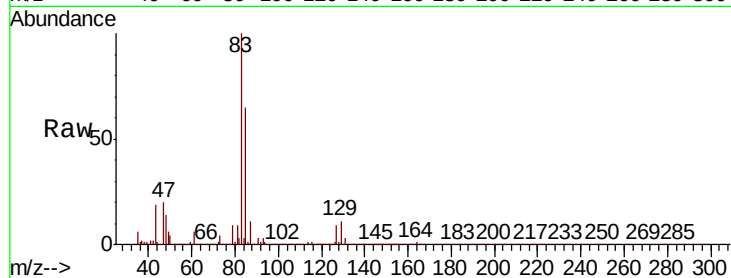
Tot Ion: 83 Resp: 433305

Ion Ratio Lower Upper

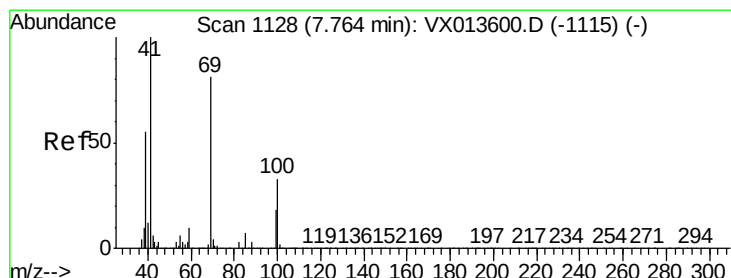
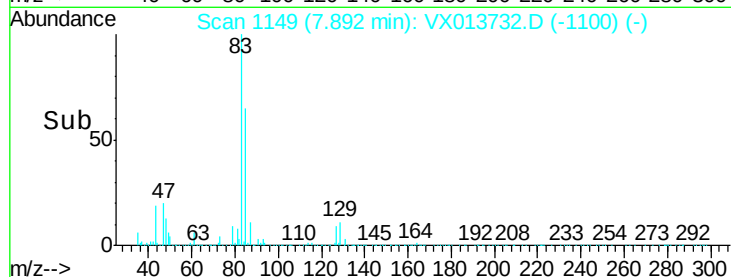
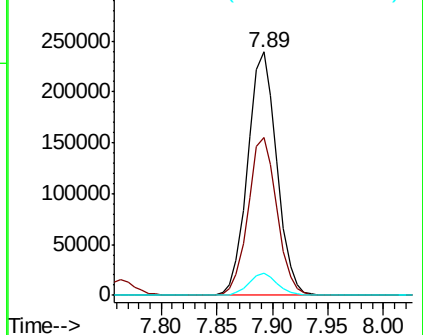
83 100

85 64.7 52.1 78.1

127 8.9 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: 50.268 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

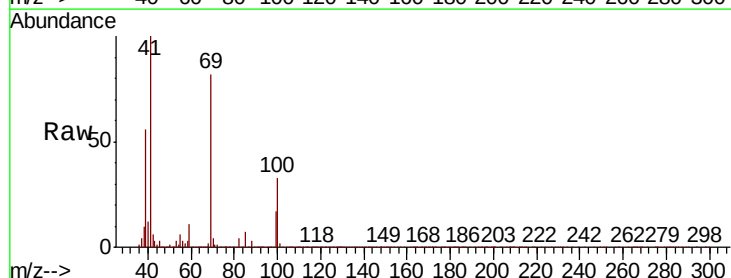
Tgt Ion: 41 Resp: 406481

Ion Ratio Lower Upper

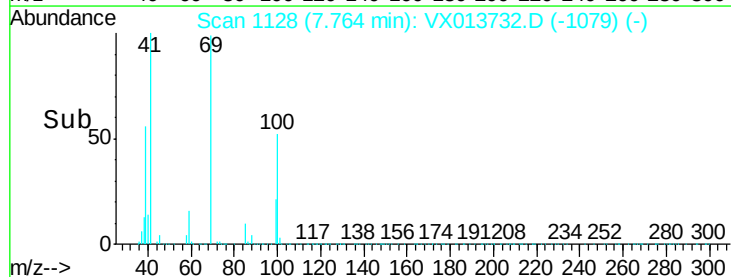
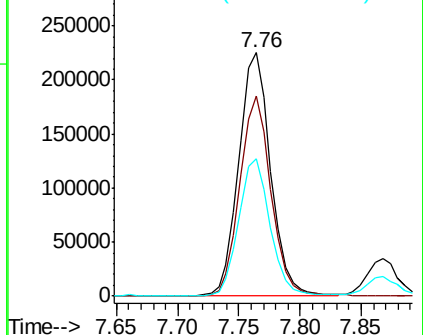
41 100

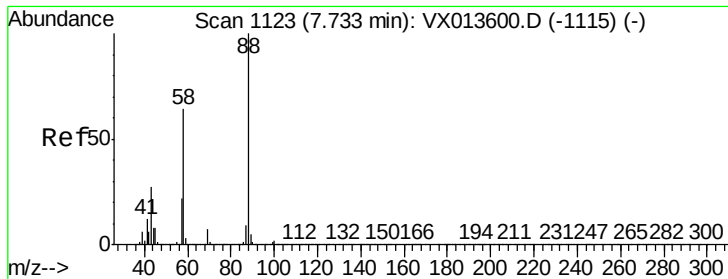
69 81.2 64.7 97.1

39 55.5 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: 840.978 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

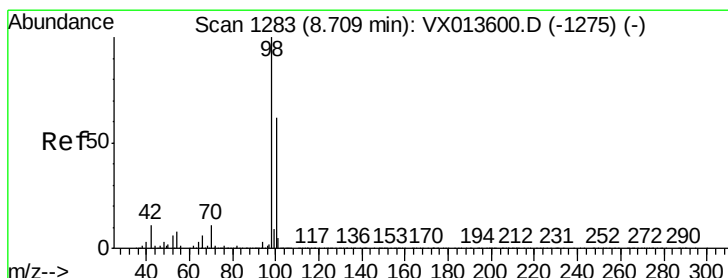
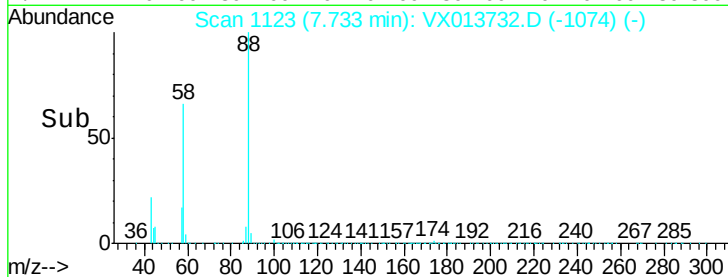
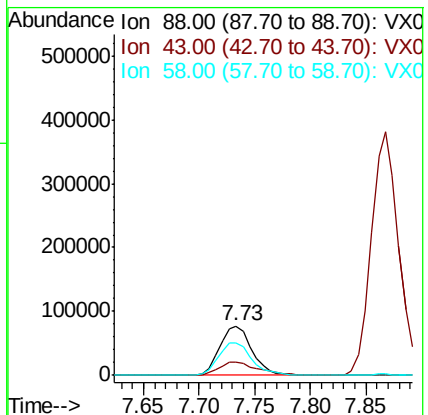
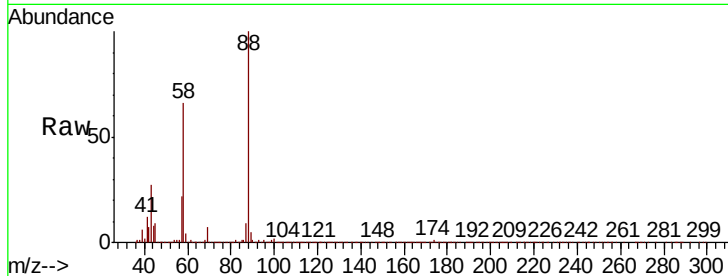
Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 152218

Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.8	38.6
58	69.6	54.6	82.0



#50

Toluene-d8

Concen: 47.980 ug/l

RT: 8.71 min Scan# 1283

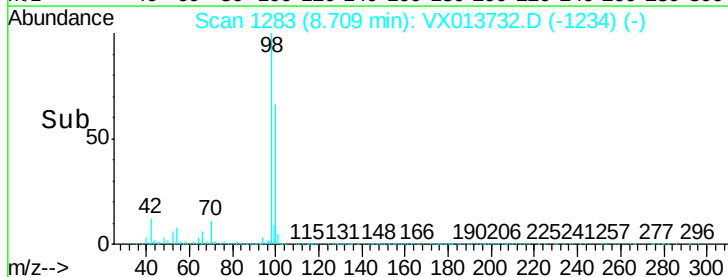
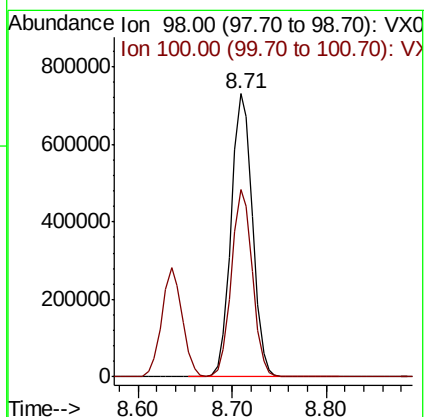
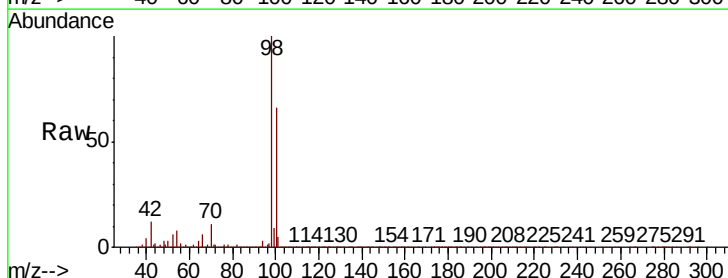
Delta R.T. -0.00 min

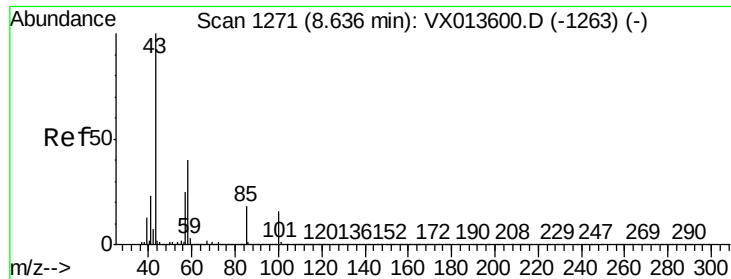
Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Tgt Ion: 98 Resp: 1147196

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 244.795 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

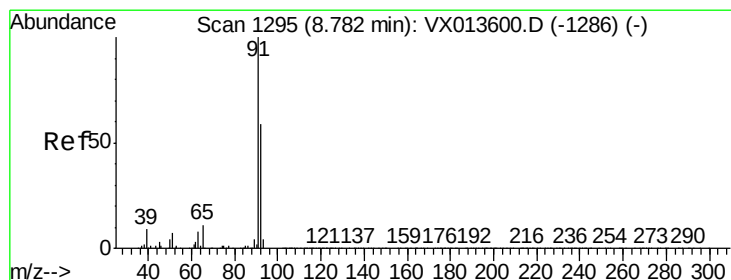
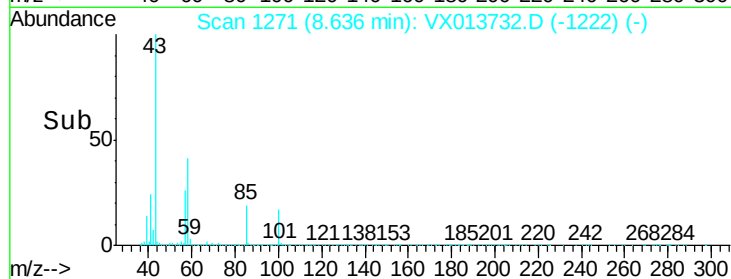
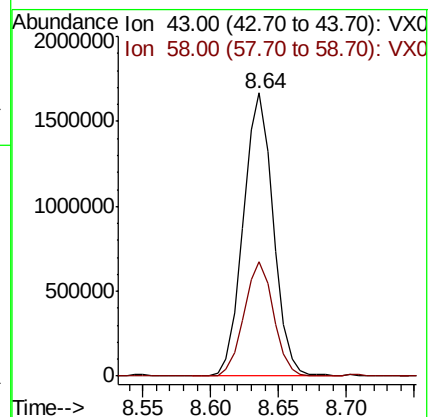
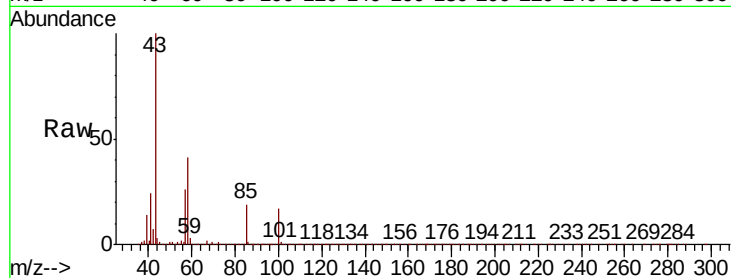
ClientSampleId :

Tot Ion: 43 Resp: 2562652

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1



#52

Toluene

Concen: 47.609 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013732.D

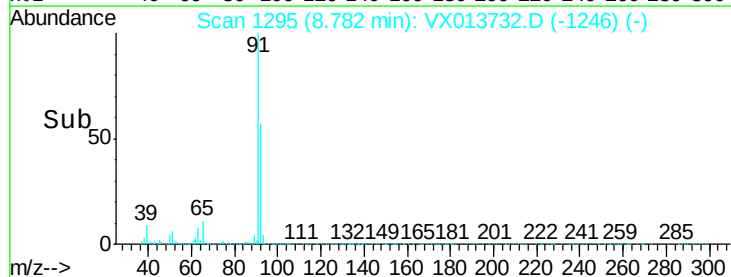
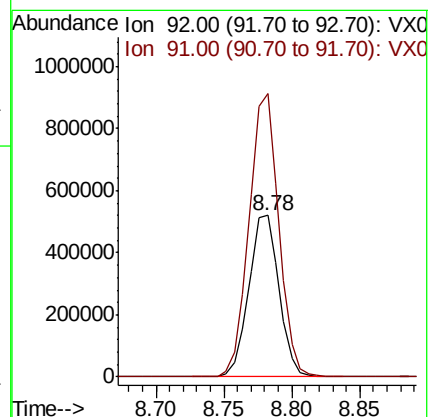
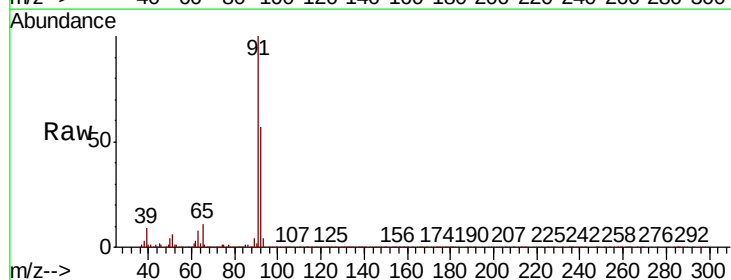
Acq: 03 Dec 2019 18:08

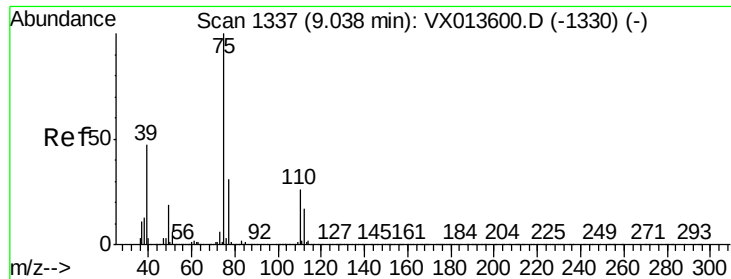
Tgt Ion: 92 Resp: 811709

Ion Ratio Lower Upper

92 100

91 172.4 136.2 204.2

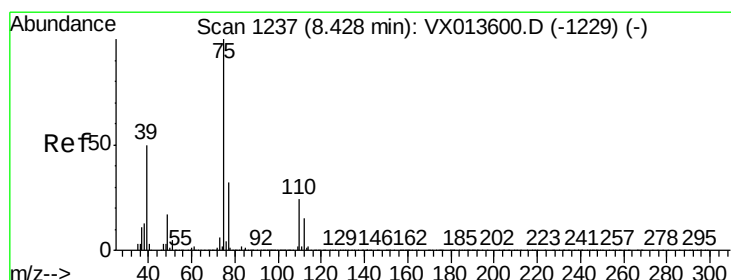
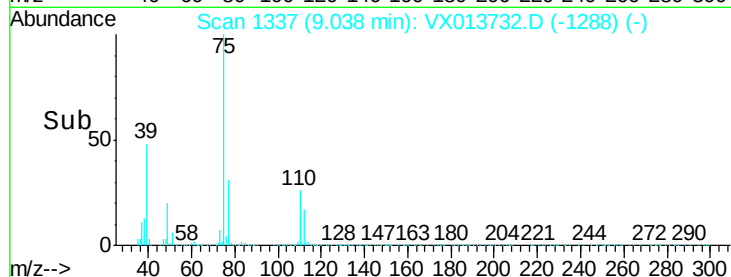
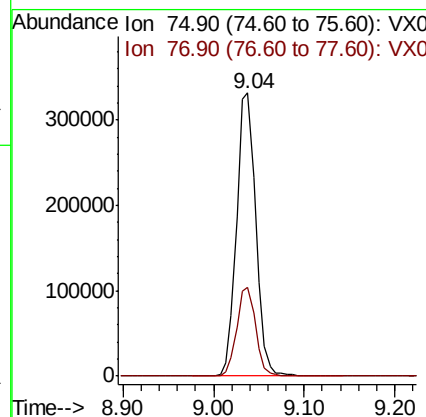
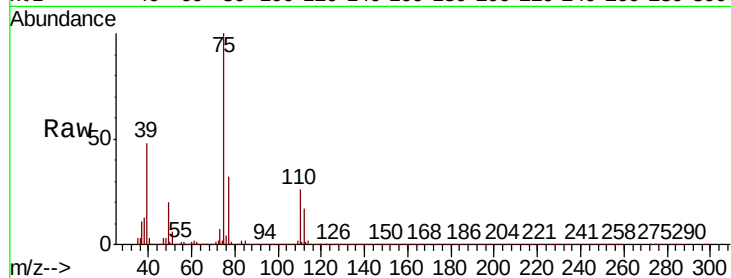




#53
t-1,3-Dichloropropene
Concen: 48.859 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

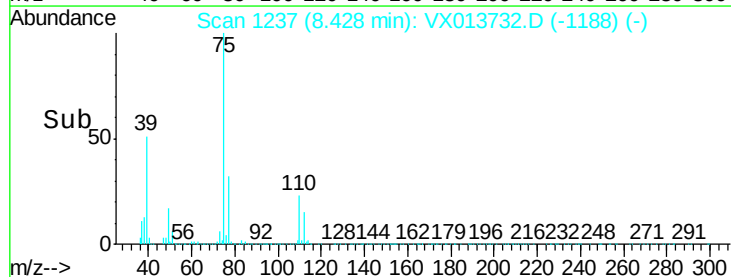
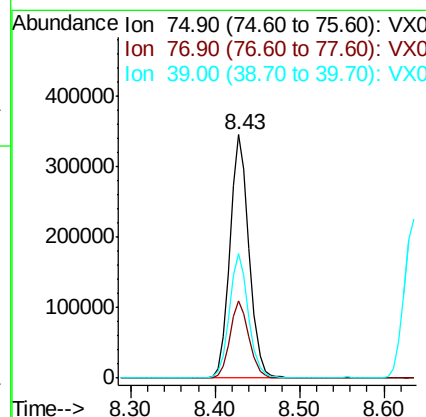
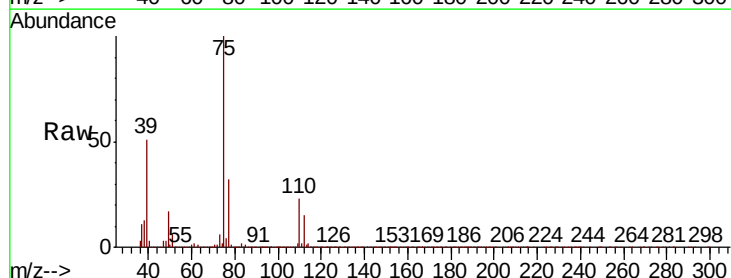
Instrument :
MSVOA_X
ClientSampleId :

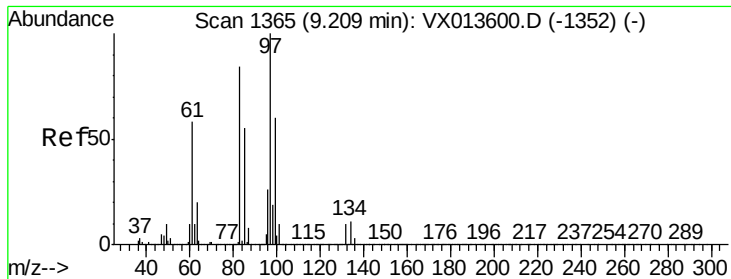
Tot Ion: 75 Resp: 490309
Ion Ratio Lower Upper
75 100
77 31.4 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 49.042 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 75 Resp: 537676
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 50.9 39.9 59.9

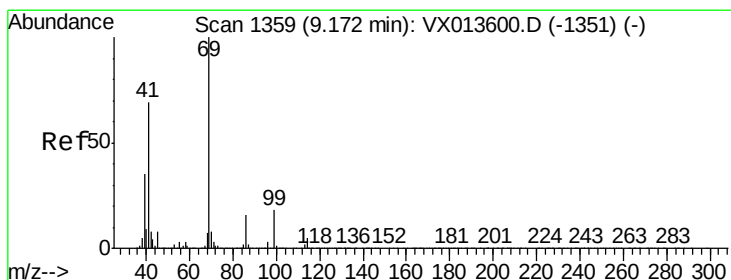
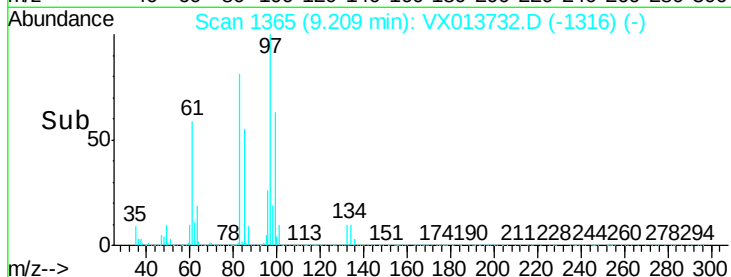
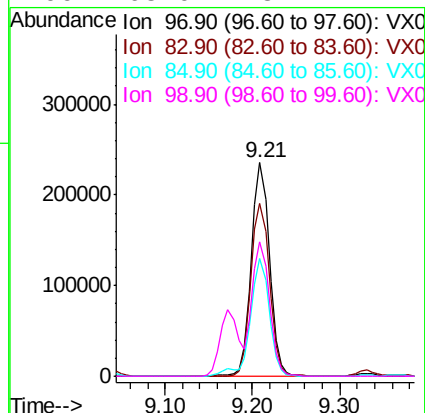
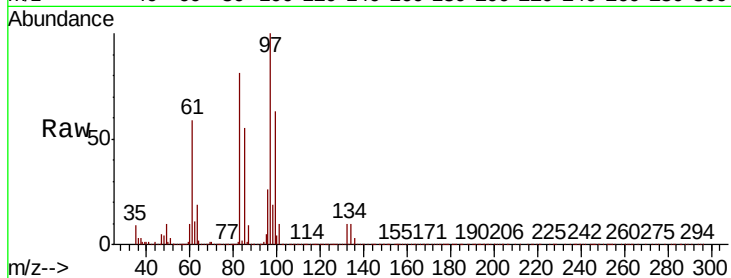




#55
 1,1,2-Trichloroethane
 Concen: 49.193 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

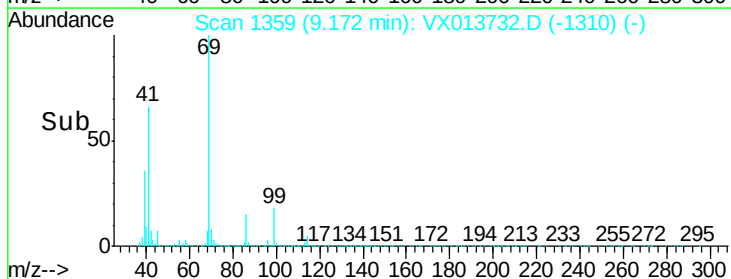
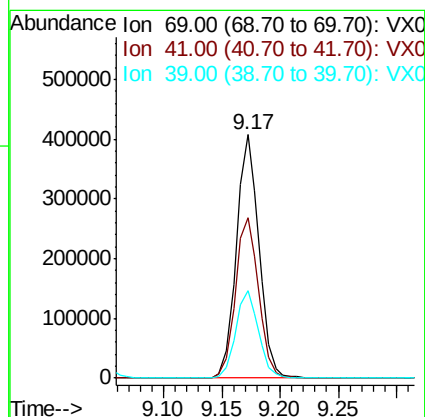
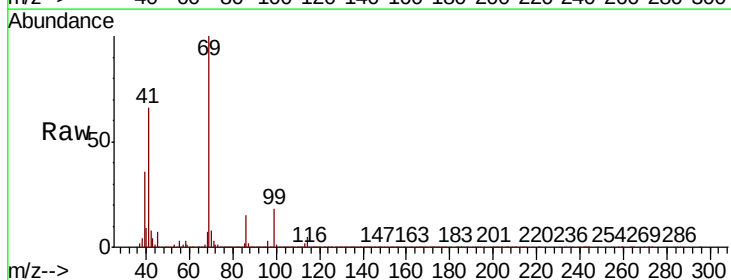
Instrument :
 MSVOA_X
 ClientSampleId :

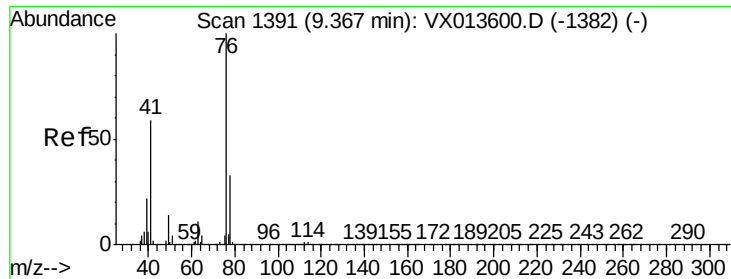
Tot Ion:	97	Resp:	337987
Ion	Ratio	Lower	Upper
97	100		
83	80.7	67.3	100.9
85	54.8	43.6	65.4
99	63.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.863 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion:	69	Resp:	550798
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.0	82.4
39	35.9	28.7	43.1





#57

1,3-Dichloropropane

Concen: 47.585 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

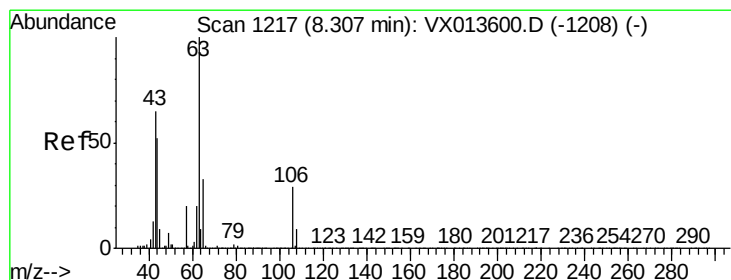
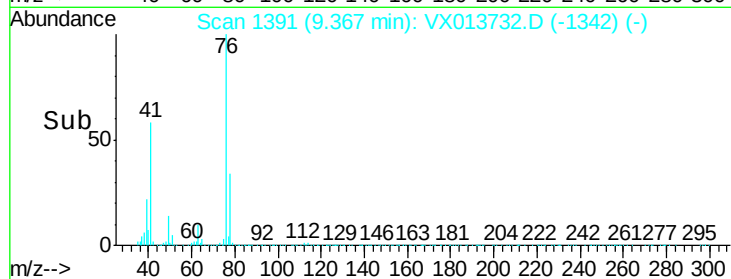
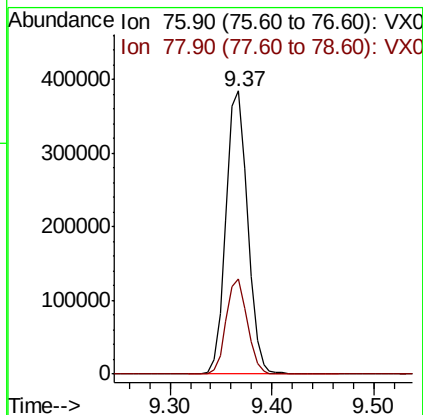
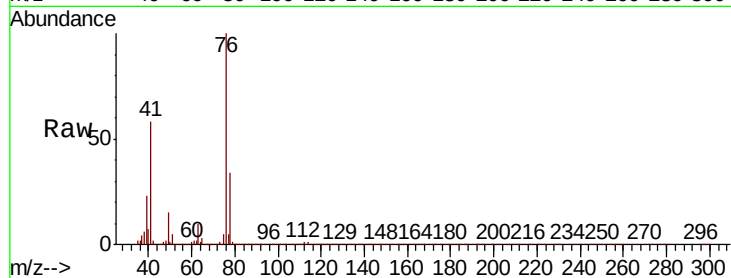
ClientSampleId :

Tot Ion: 76 Resp: 563538

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.200 ug/l

RT: 8.27 min Scan# 1211

Delta R.T. -0.04 min

Lab File: VX013732.D

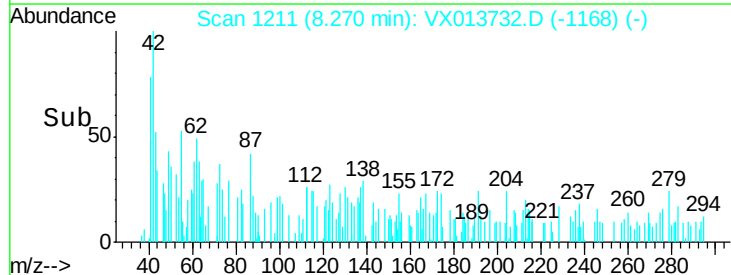
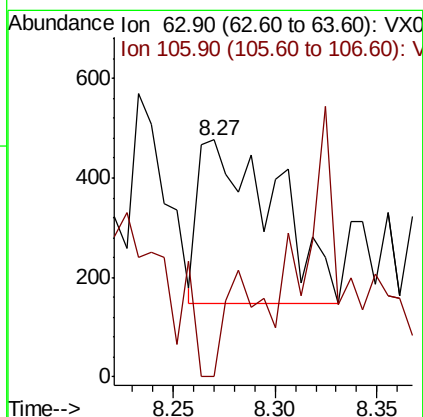
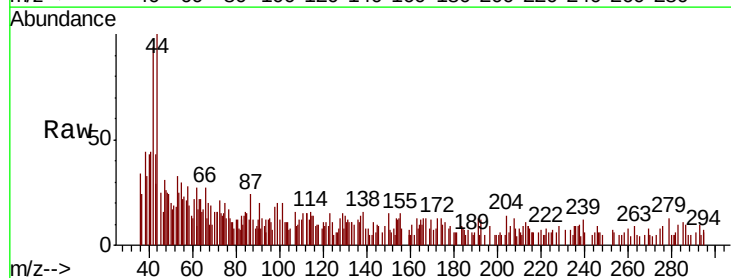
Acq: 03 Dec 2019 18:08

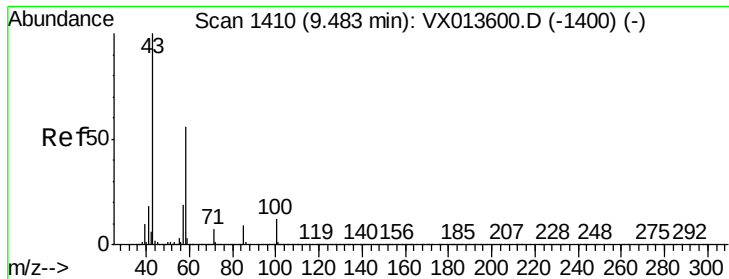
Tgt Ion: 63 Resp: 868

Ion Ratio Lower Upper

63 100

106 32.3 23.4 35.0

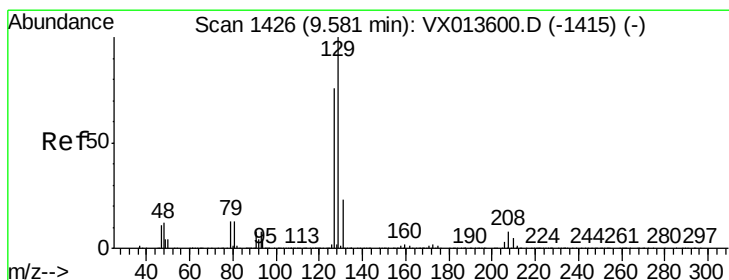
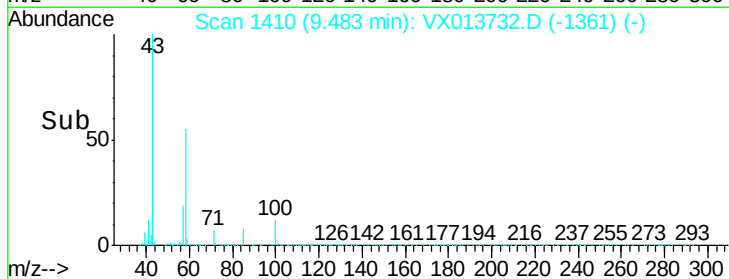
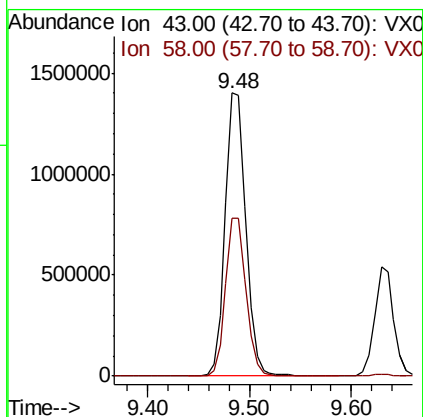
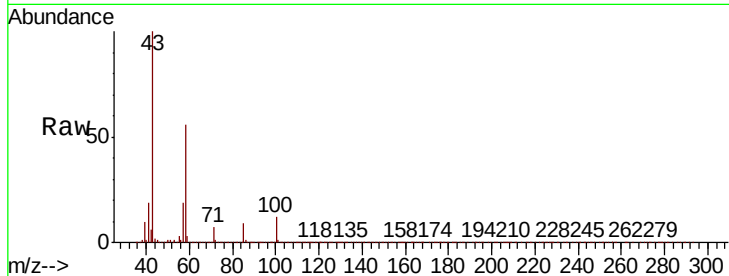




#59
2-Hexanone
Concen: 240.478 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

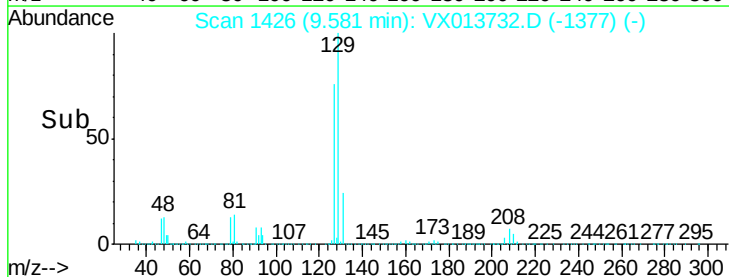
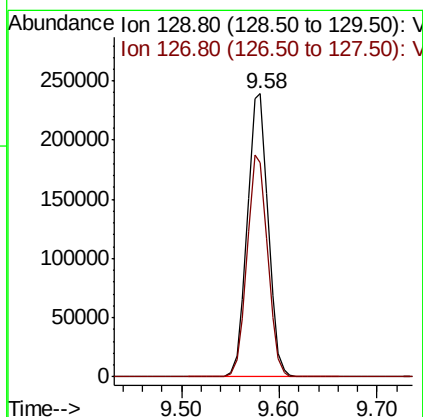
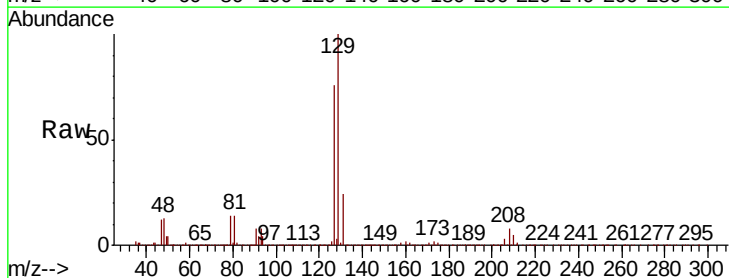
Instrument :
MSVOA_X
ClientSampleId :

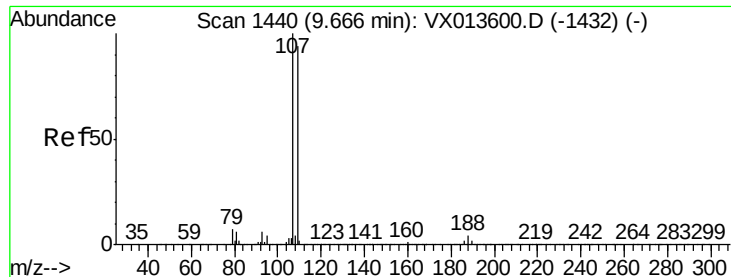
Tot Ion: 43 Resp: 1963432
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.4



#60
Dibromochloromethane
Concen: 49.461 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion:129 Resp: 352675
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

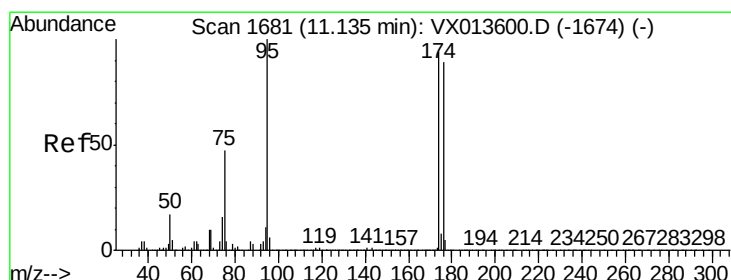
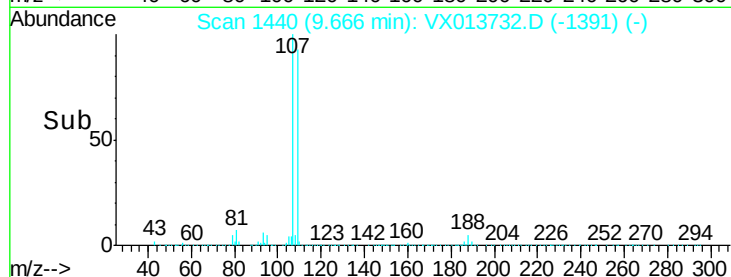
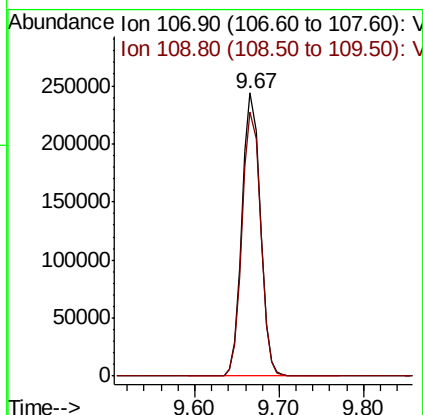
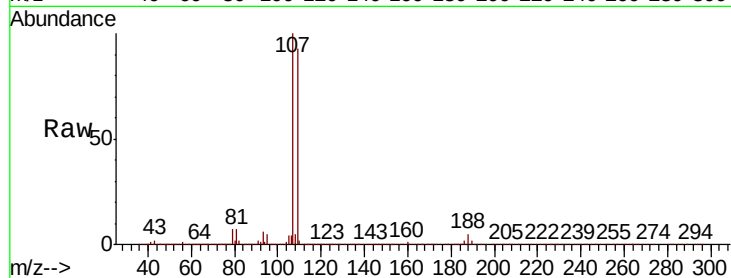




#61
 1,2-Dibromoethane
 Concen: 48.081 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

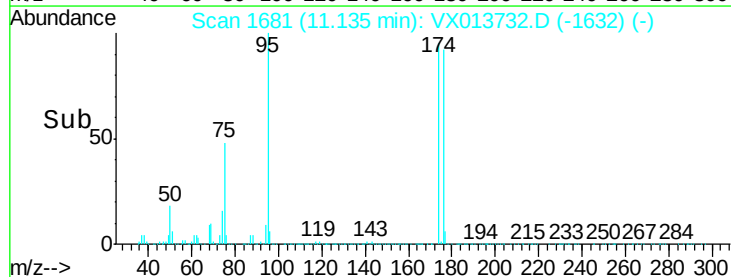
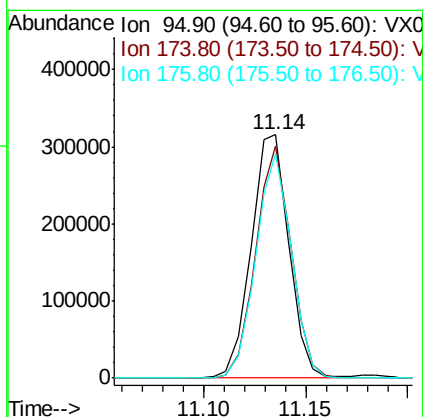
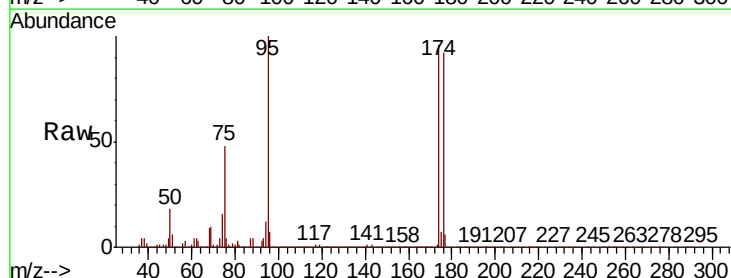
Instrument :
 MSVOA_X
 ClientSampled :

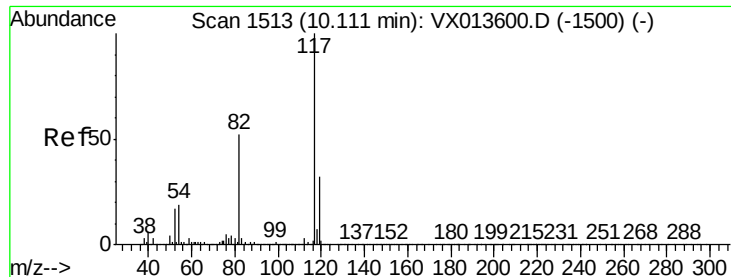
Tot Ion:107 Resp: 352825
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 46.941 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion: 95 Resp: 404725
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 180.0
 176 88.0 0.0 173.6

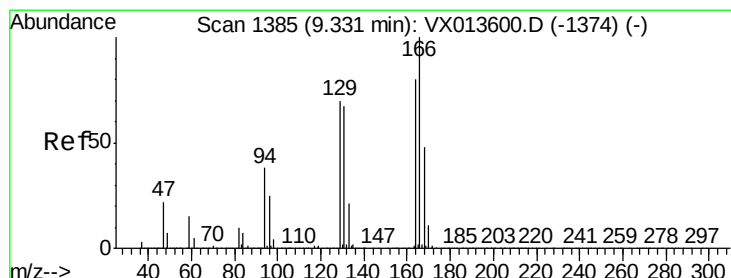
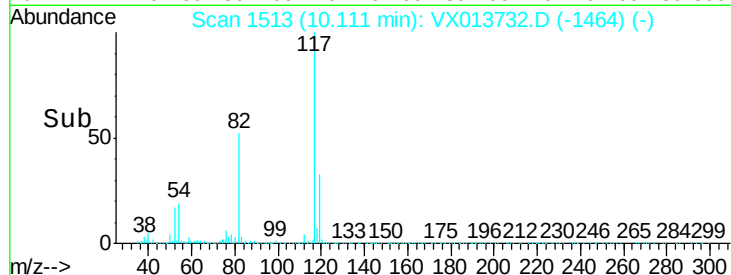
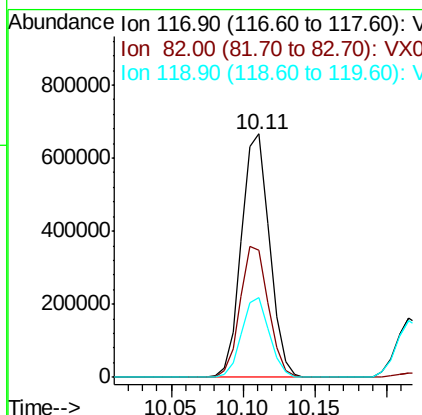
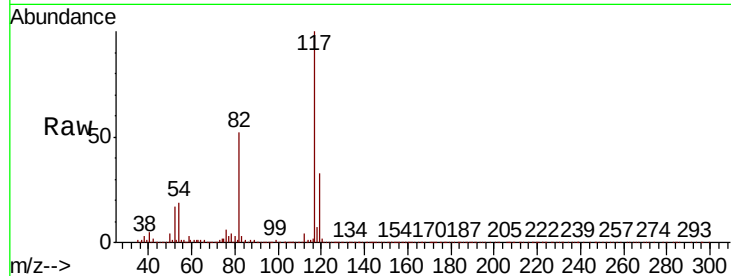




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

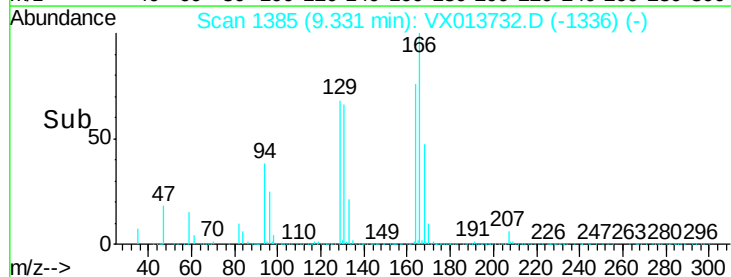
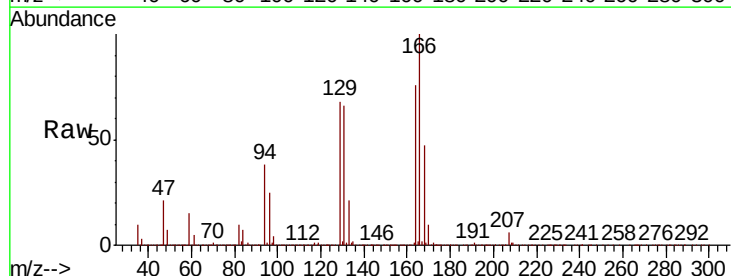
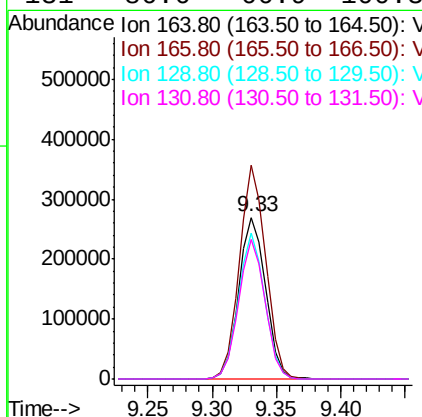
Instrument :
MSVOA_X
ClientSampleId :

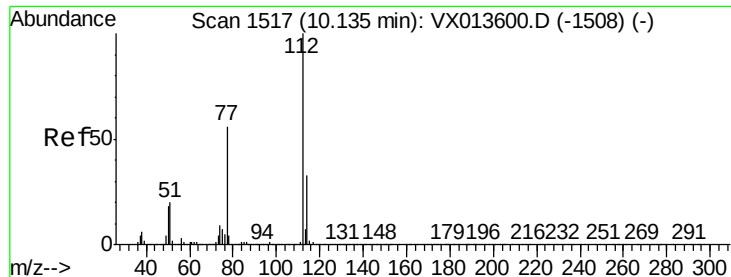
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.8
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 57.904 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	99.7	149.5
129	90.3	70.1	105.1
131	86.6	66.9	100.3

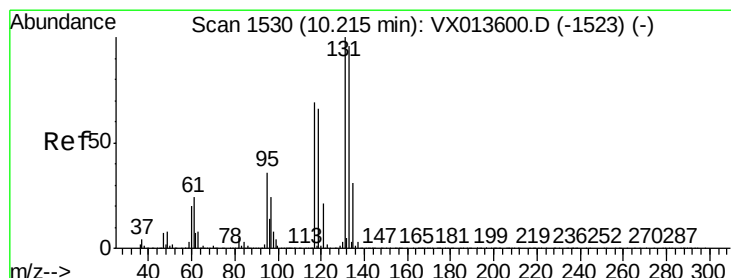
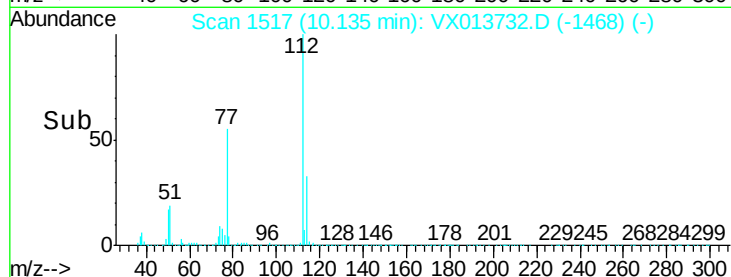
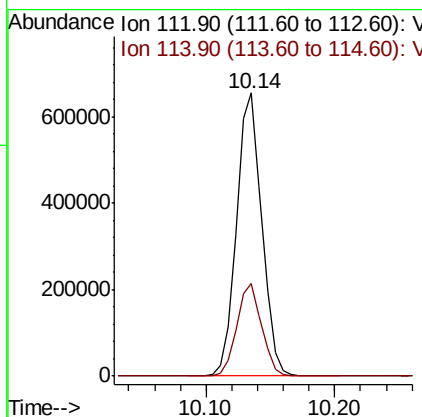
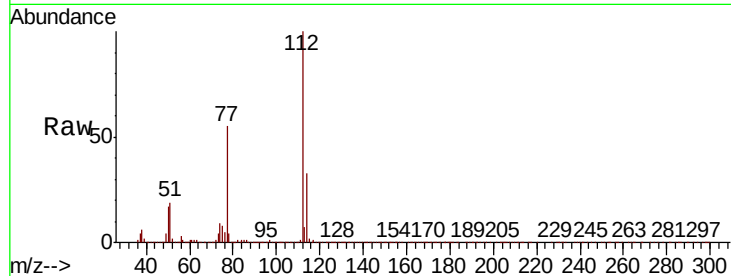




#65
Chlorobenzene
Concen: 47.525 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

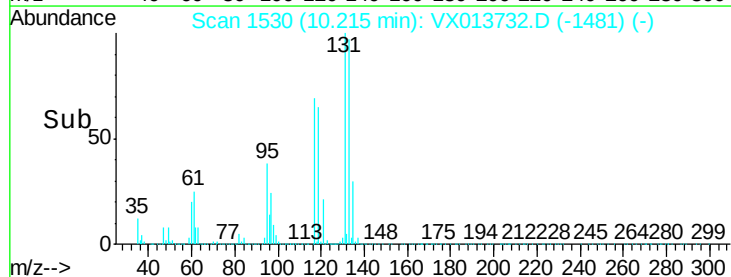
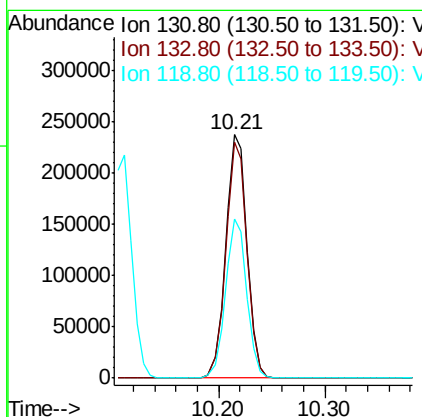
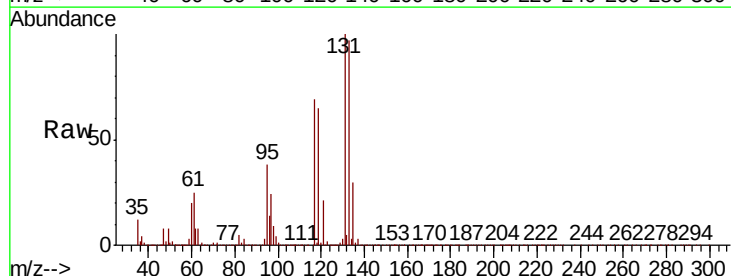
Instrument :
MSVOA_X
ClientSampleId :

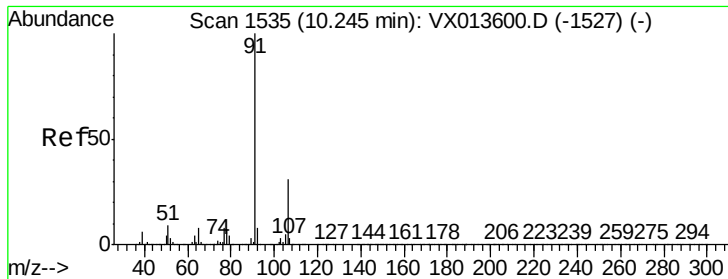
Tot Ion:112 Resp: 890193
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.292 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion:131 Resp: 331545
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 64.8 32.9 98.6

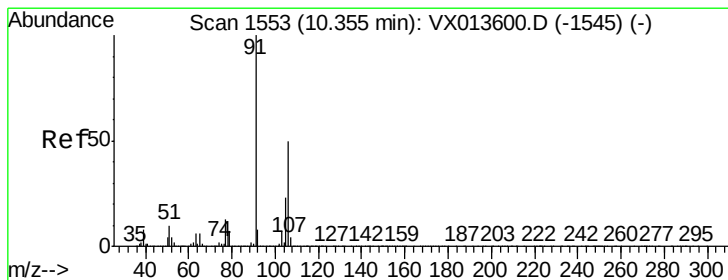
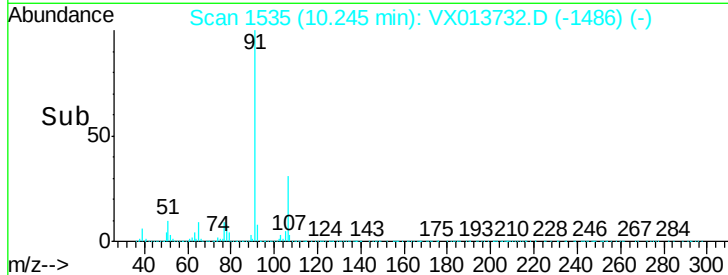
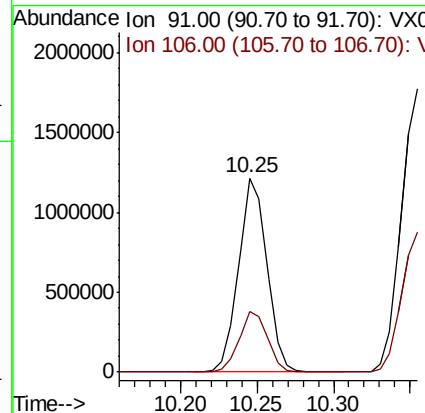
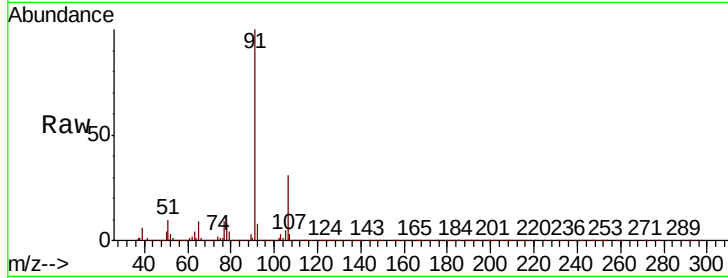




#67
Ethyl Benzene
Concen: 48.375 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

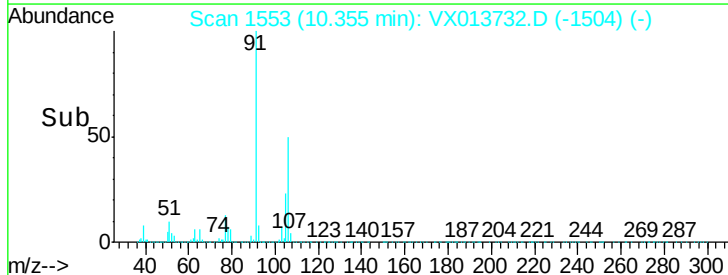
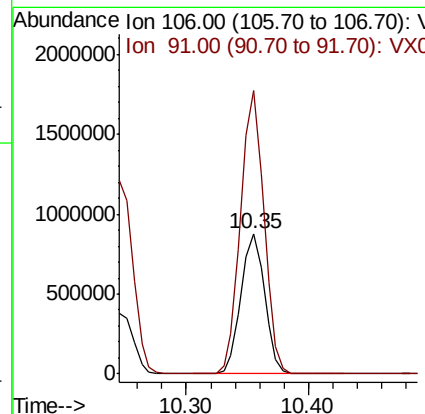
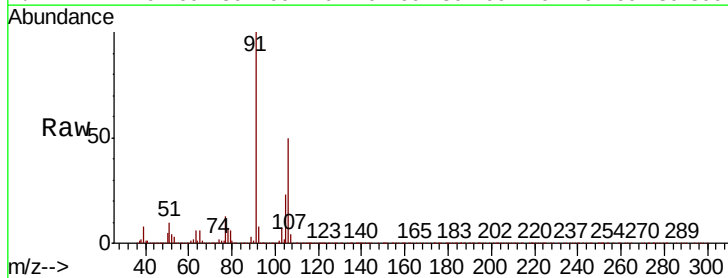
Instrument :
MSVOA_X
ClientSampleId :

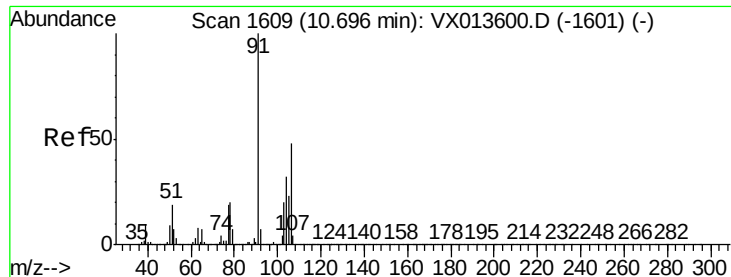
Tot Ion: 91 Resp: 1557052
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7



#68
m/p-Xylenes
Concen: 95.618 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 106 Resp: 1178298
Ion Ratio Lower Upper
106 100
91 198.5 159.0 238.4

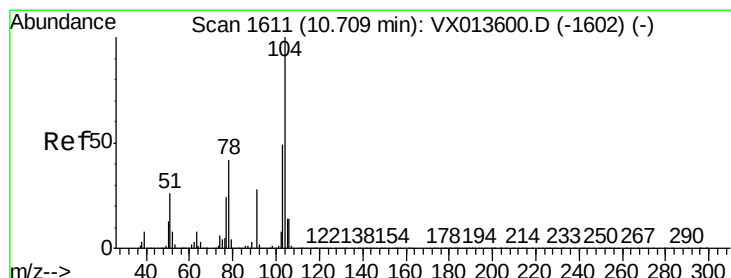
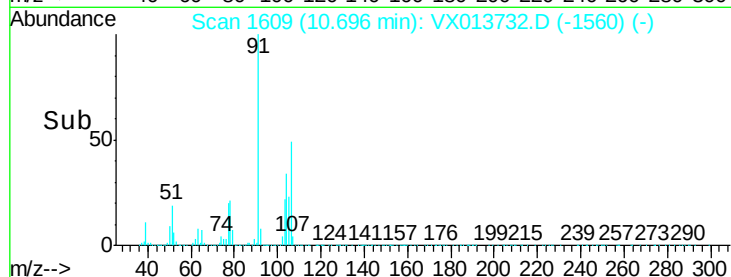
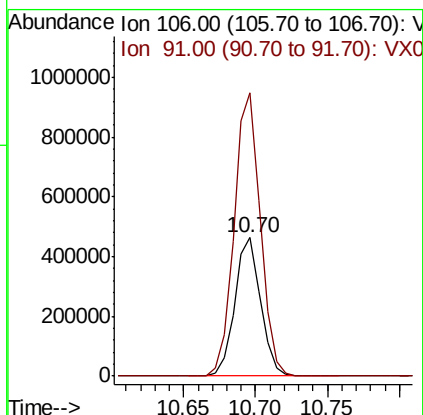
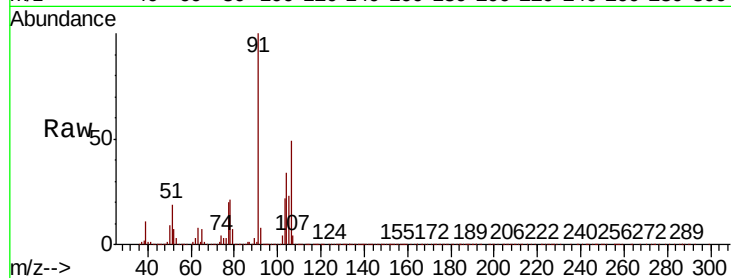




#69
o-Xylene
Concen: 48.005 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

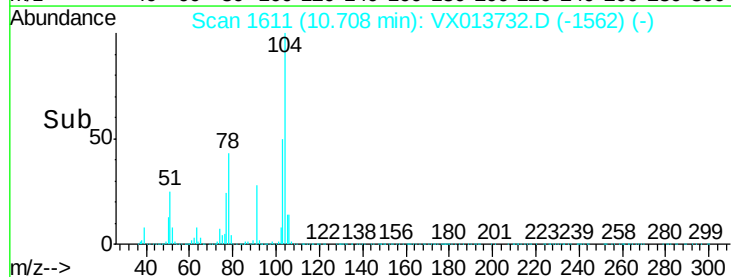
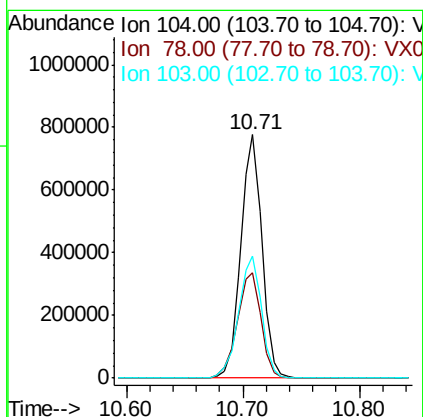
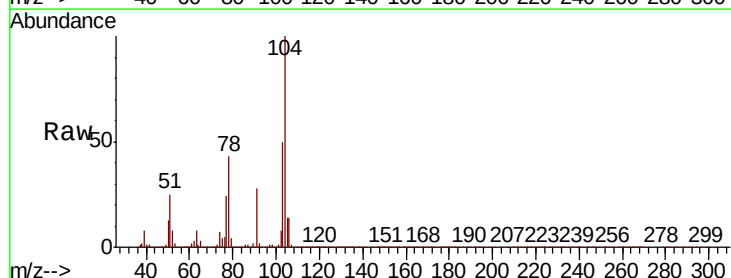
Instrument :
MSVOA_X
ClientSampleId :

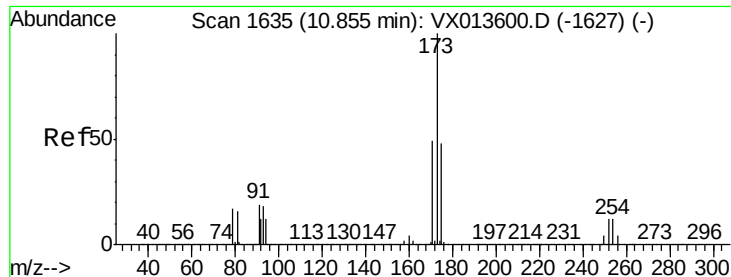
Tot Ion:106 Resp: 576954
Ion Ratio Lower Upper
106 100
91 208.4 104.1 312.2



#70
Styrene
Concen: 48.579 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion:104 Resp: 982139
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.7 43.7 65.5





#71

Bromoform

Concen: 49.904 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampled :

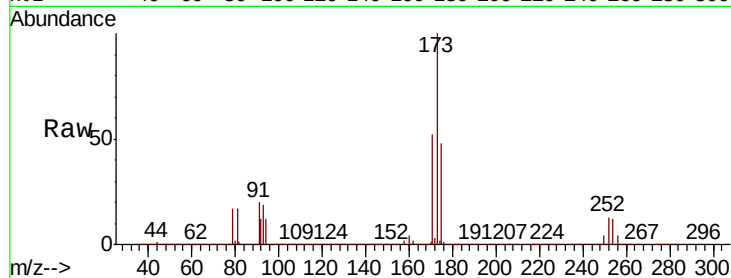
Tot Ion:173 Resp: 277731

Ion Ratio Lower Upper

173 100

175 47.4 24.3 72.8

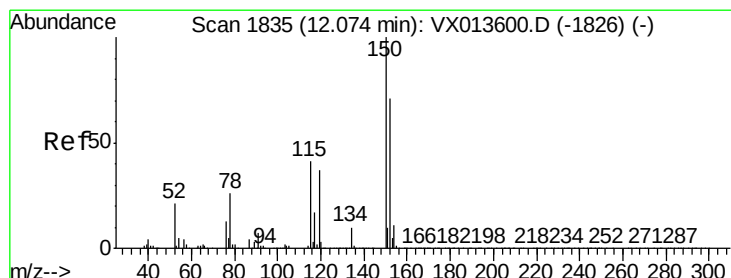
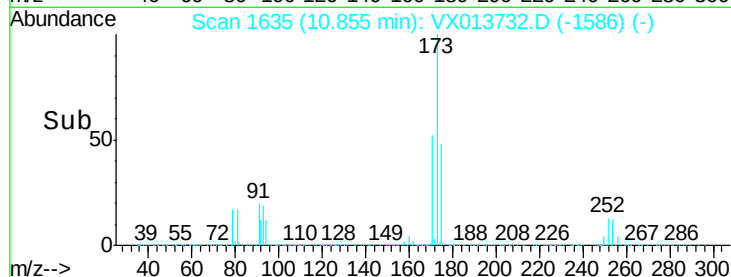
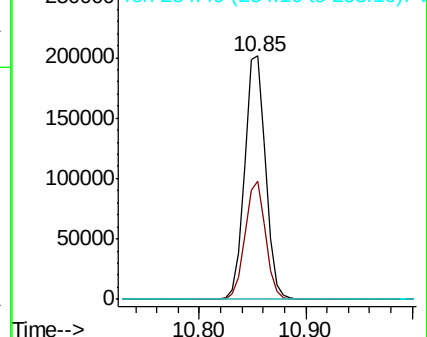
254 0.2 0.2 0.4#



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: VX013732.D

Acq: 03 Dec 2019 18:08

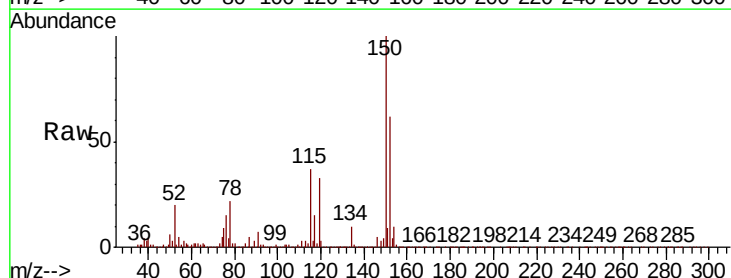
Tgt Ion:152 Resp: 442284

Ion Ratio Lower Upper

152 100

115 77.3 38.4 115.1

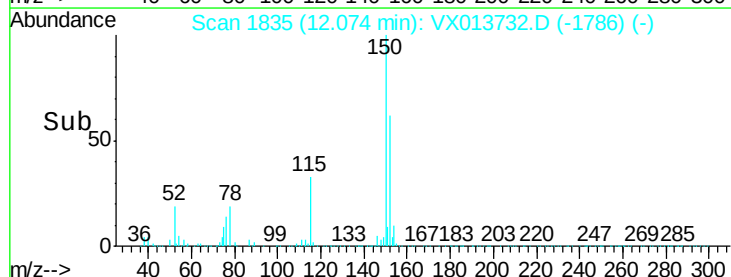
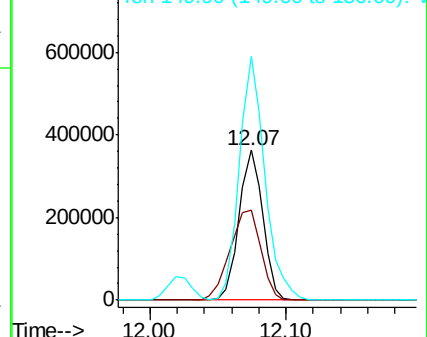
150 174.4 0.0 346.8

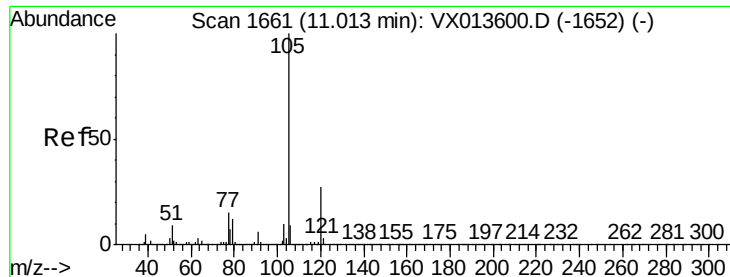


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.009 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

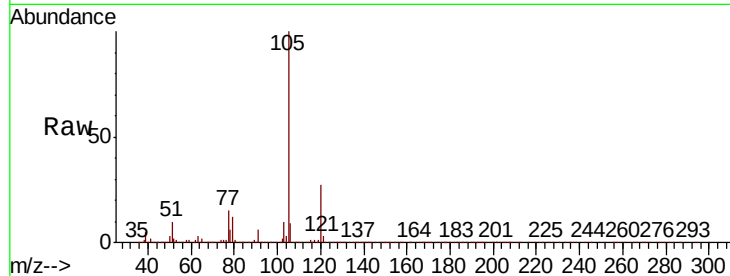
ClientSampleId :

Tot Ion:105 Resp: 1520497

Ion Ratio Lower Upper

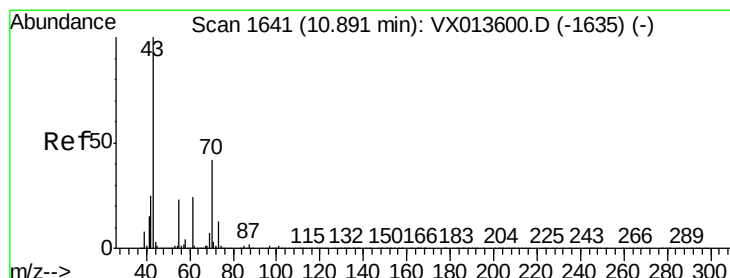
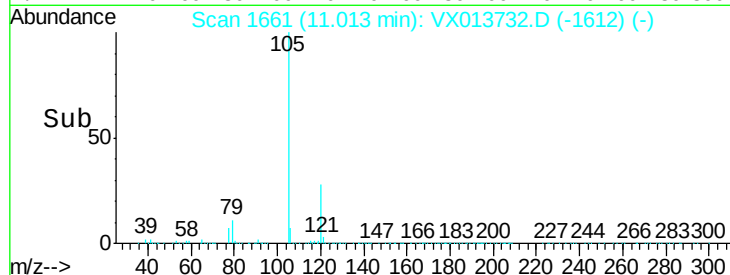
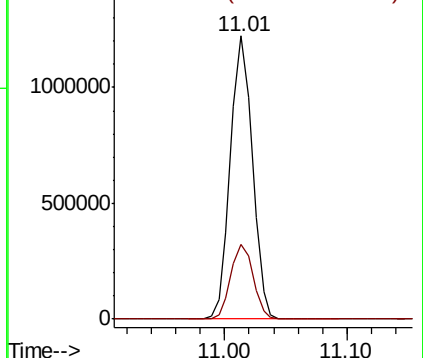
105 100

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



#74

N-ethyl acetate

Concen: 49.819 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Tgt Ion: 43 Resp: 708023

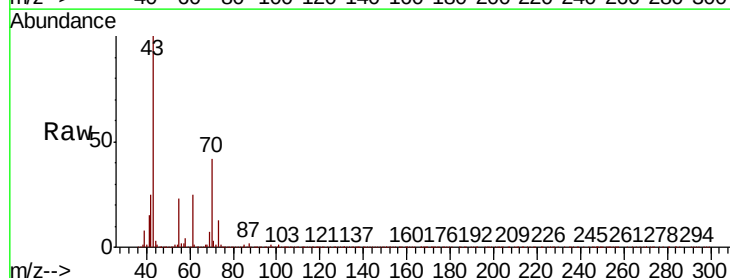
Ion Ratio Lower Upper

43 100

70 42.9 34.3 51.5

55 23.7 18.5 27.7

61 24.7 19.8 29.8

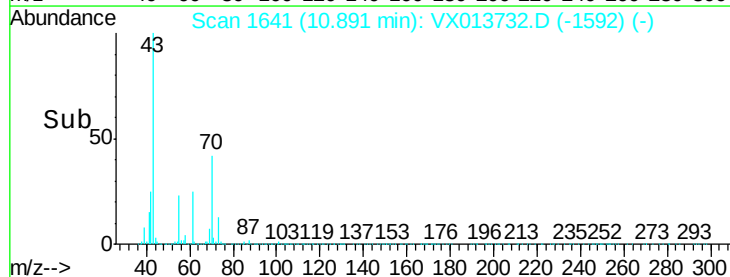
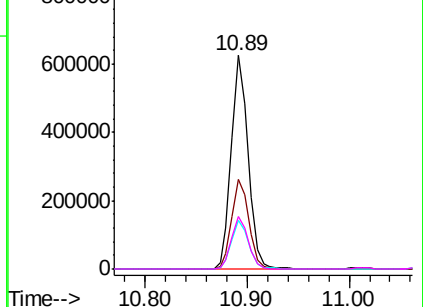


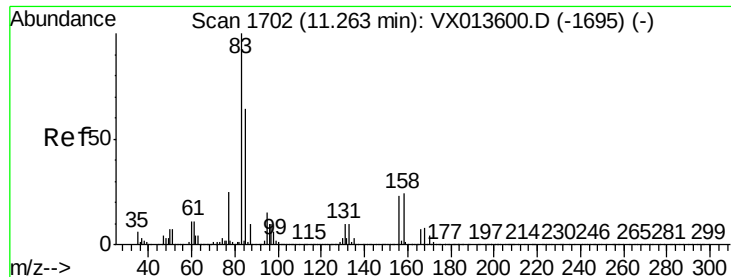
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.003 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

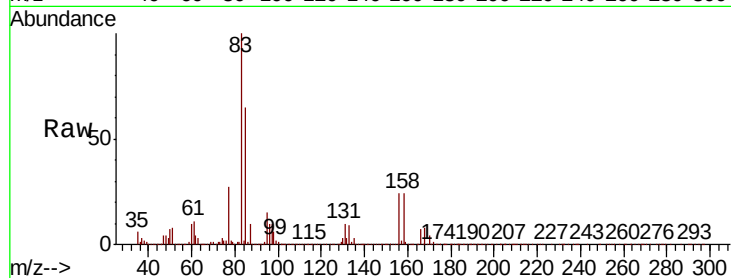
Tot Ion: 83 Resp: 537989

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

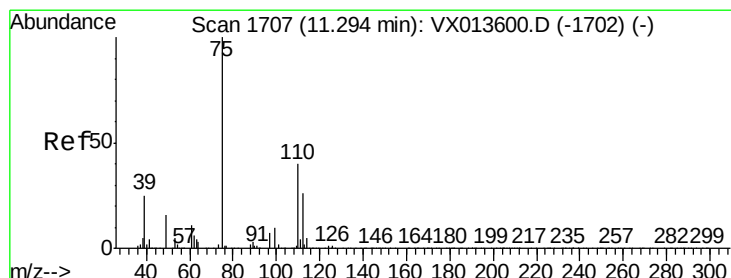
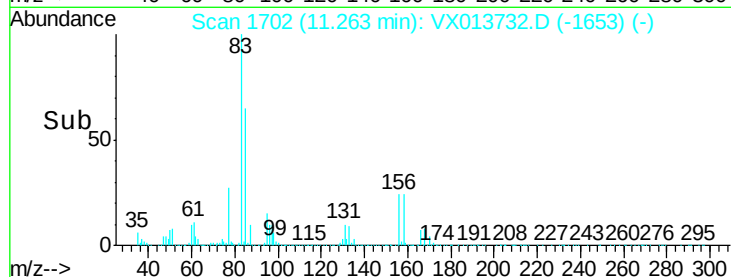
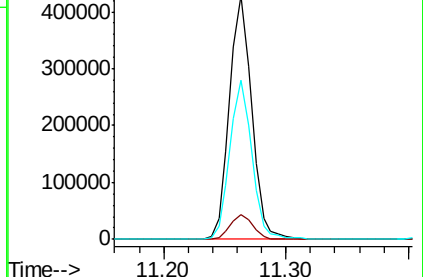
85 64.5 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.975 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013732.D

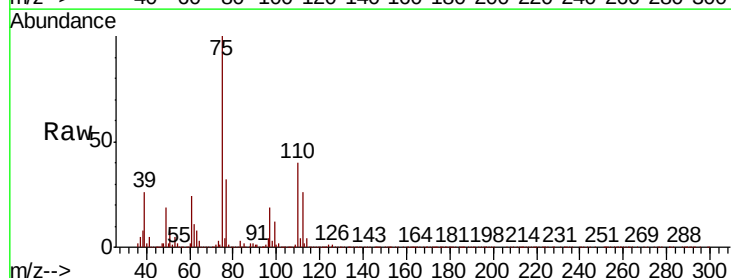
Acq: 03 Dec 2019 18:08

Tgt Ion: 75 Resp: 606566

Ion Ratio Lower Upper

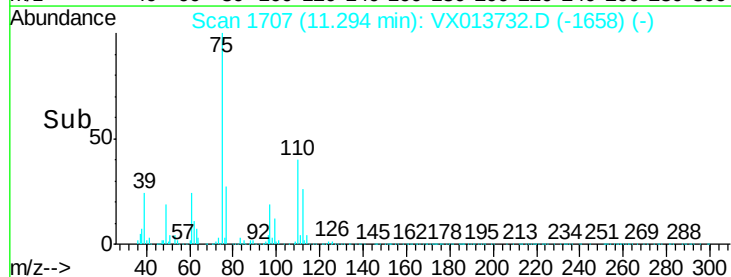
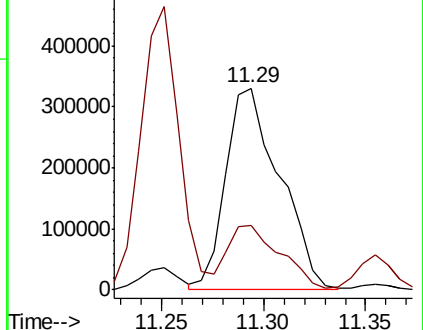
75 100

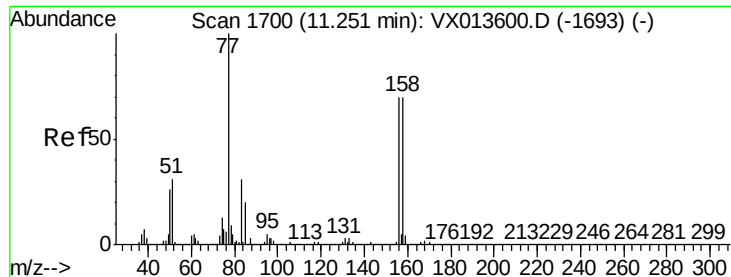
77 30.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.665 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

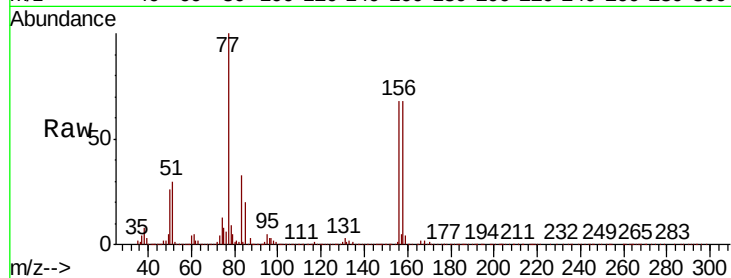
Tot Ion:156 Resp: 399495

Ion Ratio Lower Upper

156 100

77 151.1 74.4 223.1

158 97.8 48.9 146.6



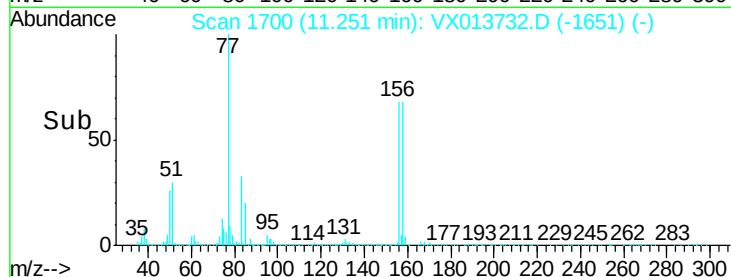
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

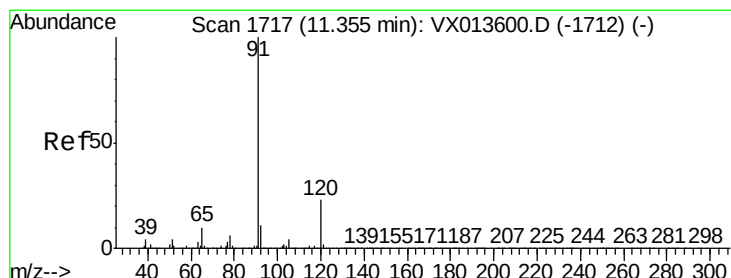
Ion 157.80 (157.50 to 158.50): V

11.25

Time-->



Time-->



#78

n-propylbenzene

Concen: 49.815 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013732.D

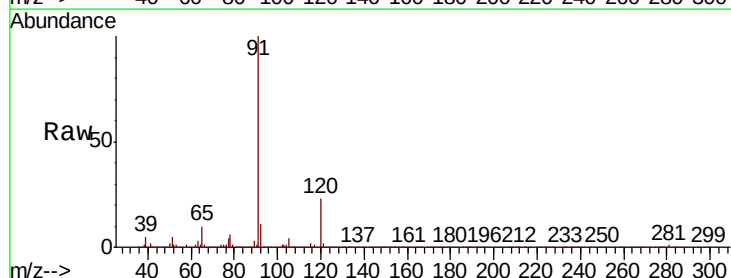
Acq: 03 Dec 2019 18:08

Tgt Ion: 91 Resp: 1725238

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3

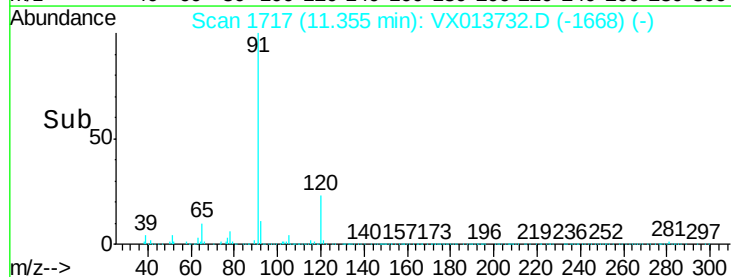


Abundance Ion 91.00 (90.70 to 91.70): VX0

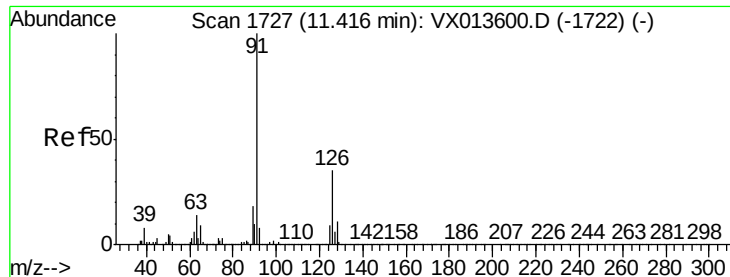
Ion 120.00 (119.70 to 120.70): V

11.35

Time-->



Time-->



#79

2-Chlorotoluene

Concen: 48.311 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

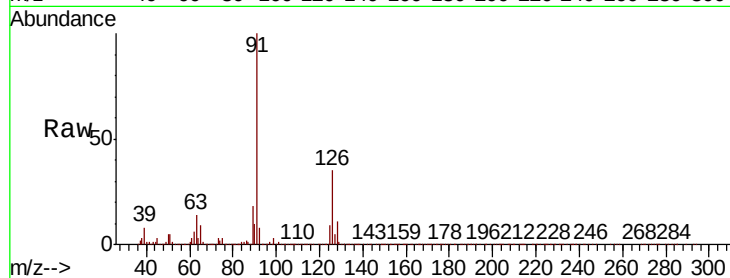
ClientSampleId :

Tot Ion: 91 Resp: 1003681

Ion Ratio Lower Upper

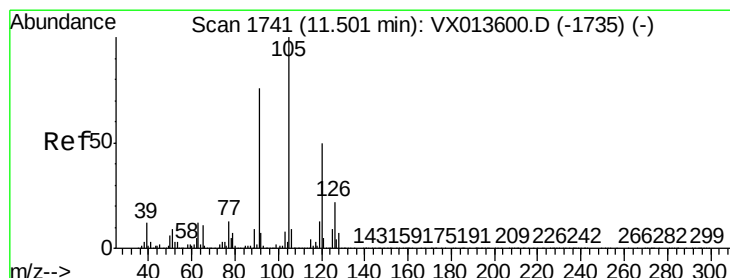
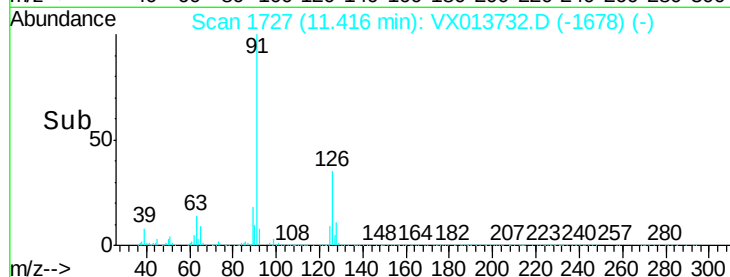
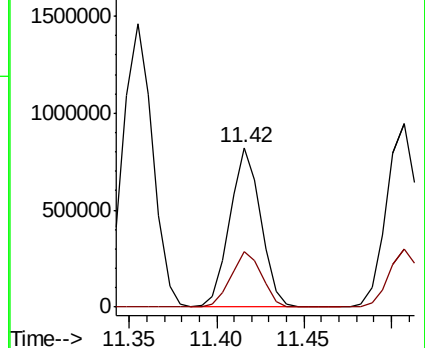
91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.795 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013732.D

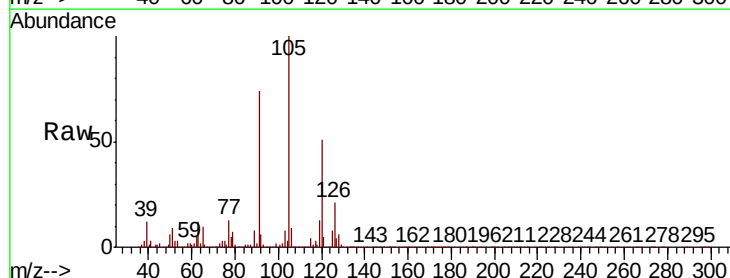
Acq: 03 Dec 2019 18:08

Tgt Ion:105 Resp: 1291596

Ion Ratio Lower Upper

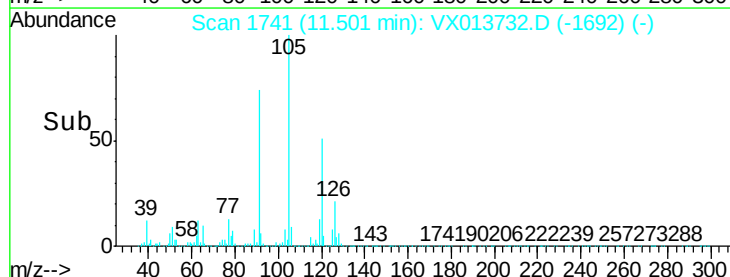
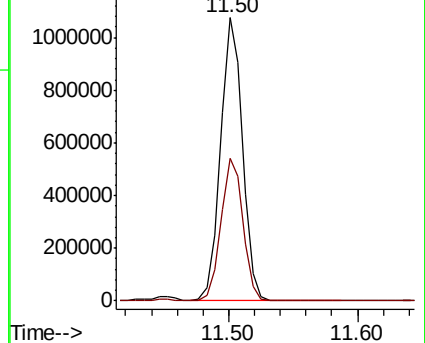
105 100

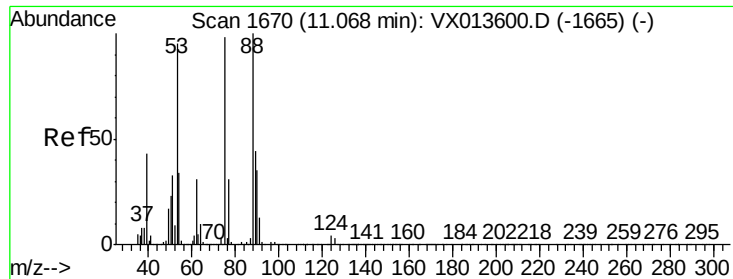
120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

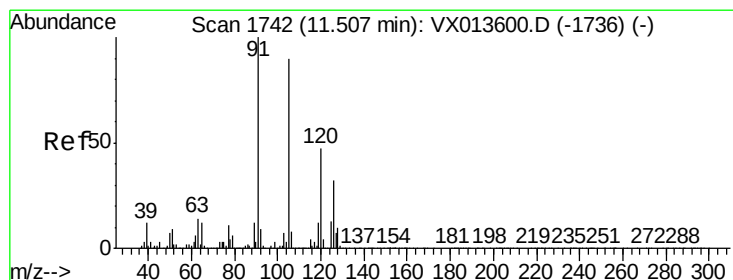
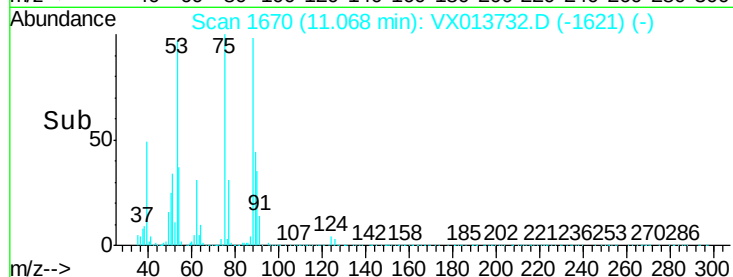
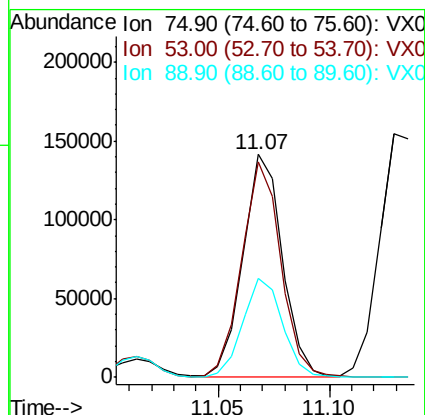
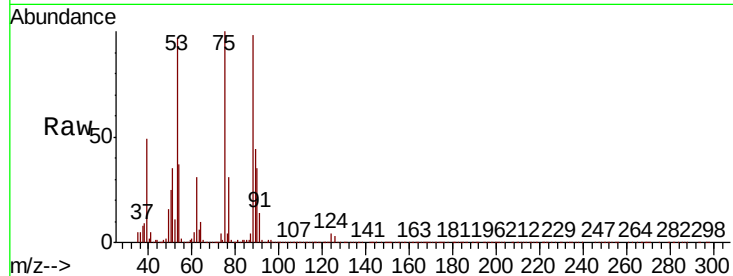




#81
trans-1,4-Dichloro-2-butene
Concen: 48.051 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

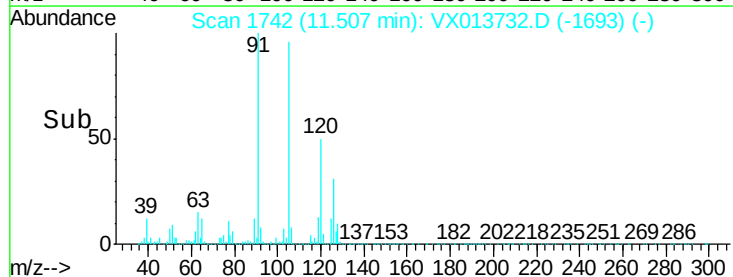
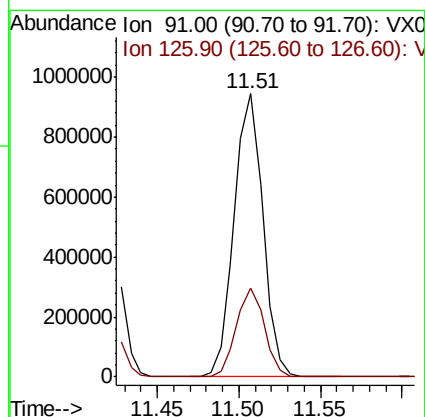
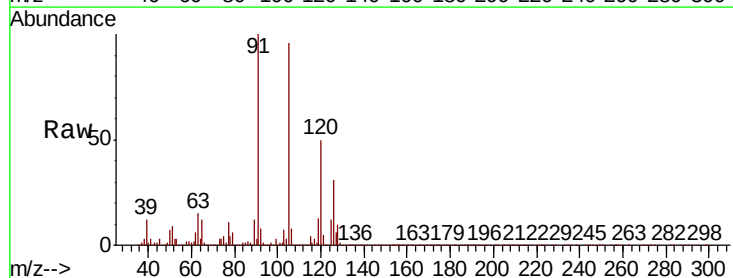
Instrument :
MSVOA_X
ClientSampleId :

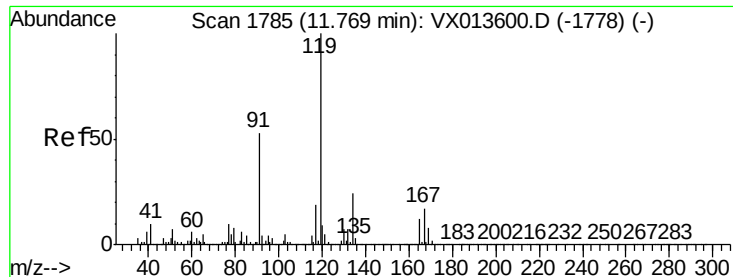
Tot Ion: 75 Resp: 174719
Ion Ratio Lower Upper
75 100
53 95.4 78.2 117.2
89 44.6 35.4 53.2



#82
4-Chlorotoluene
Concen: 48.293 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 91 Resp: 1162035
Ion Ratio Lower Upper
91 100
126 30.7 15.7 47.0

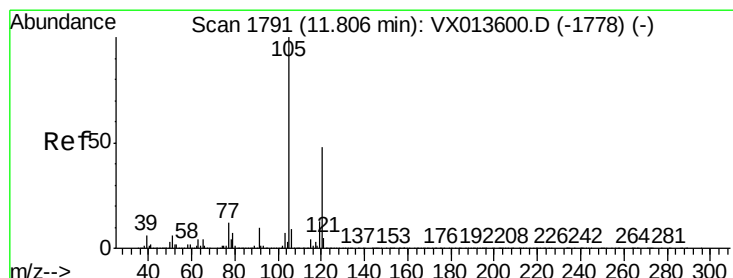
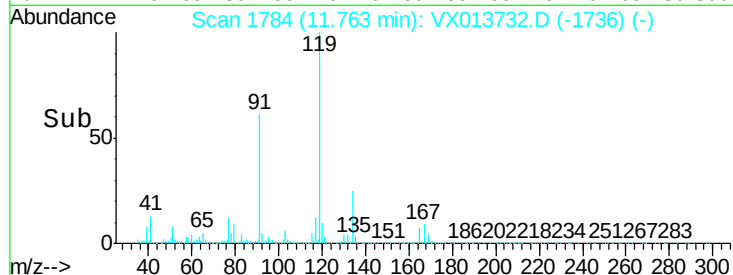
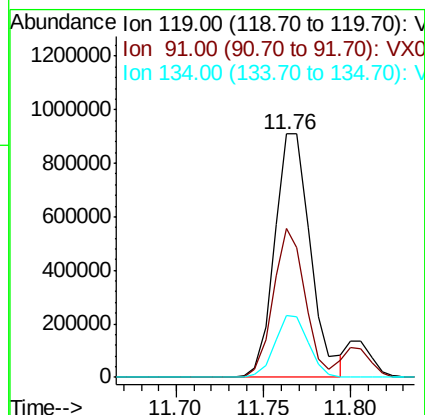
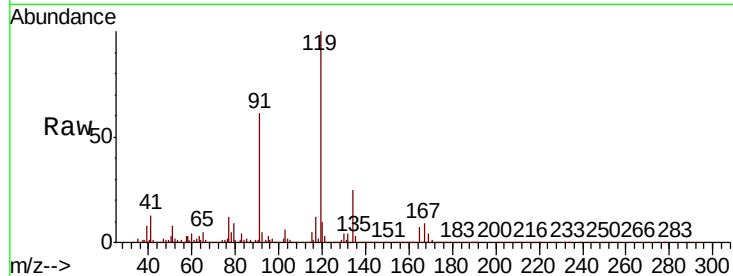




#83
 tert-Butylbenzene
 Concen: 50.446 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

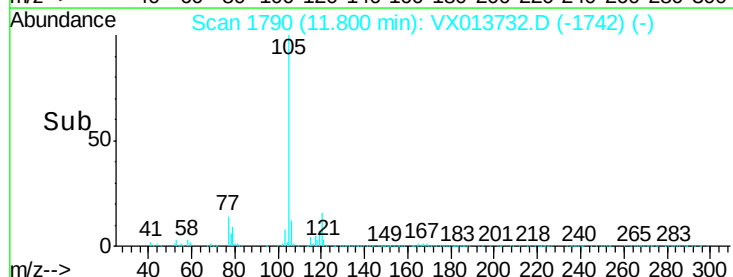
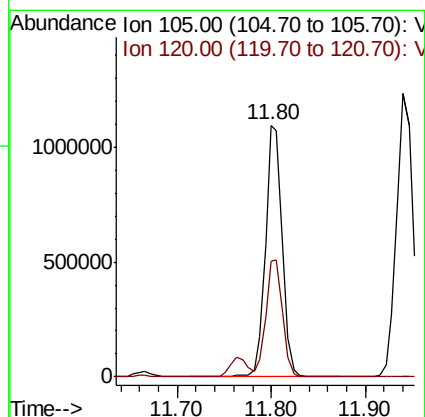
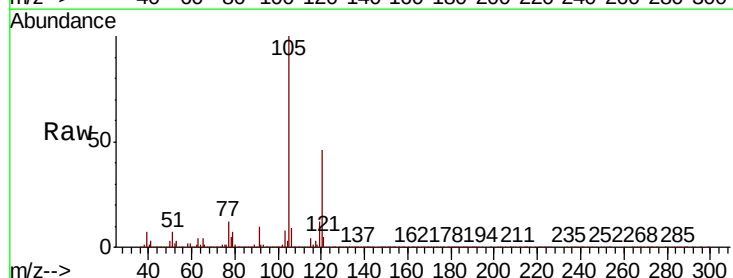
Instrument :
 MSVOA_X
 ClientSampleId :

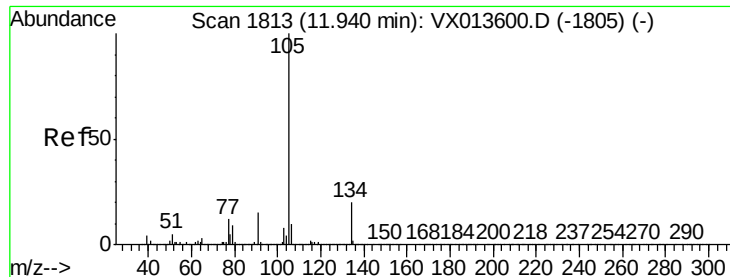
Tot Ion:119 Resp: 1303618
 Ion Ratio Lower Upper
 119 100
 91 54.1 27.2 81.6
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.246 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion:105 Resp: 1374076
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.026 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

Instrument :

MSVOA_X

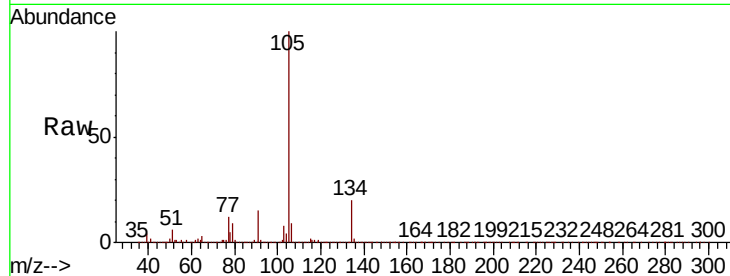
ClientSampled :

Tot Ion:105 Resp: 1506135

Ion Ratio Lower Upper

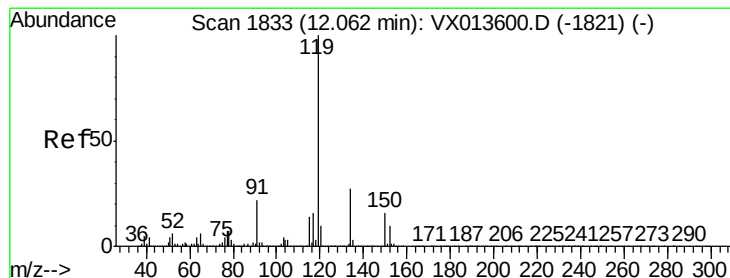
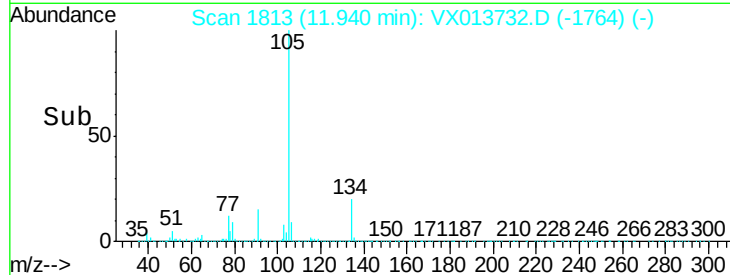
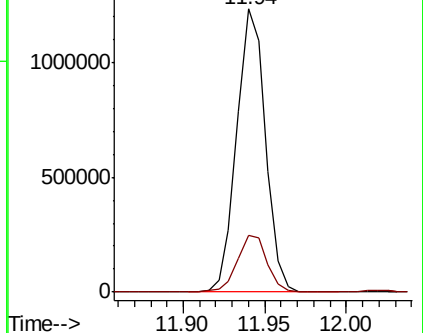
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.385 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013732.D

Acq: 03 Dec 2019 18:08

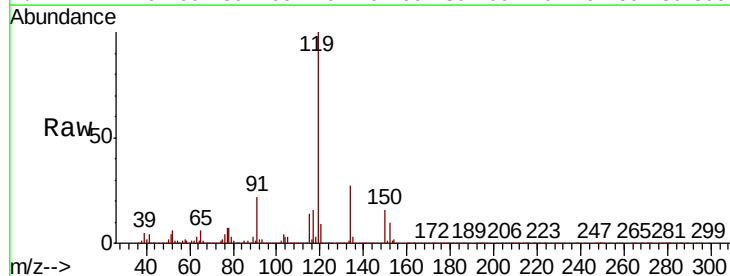
Tgt Ion:119 Resp: 1356094

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

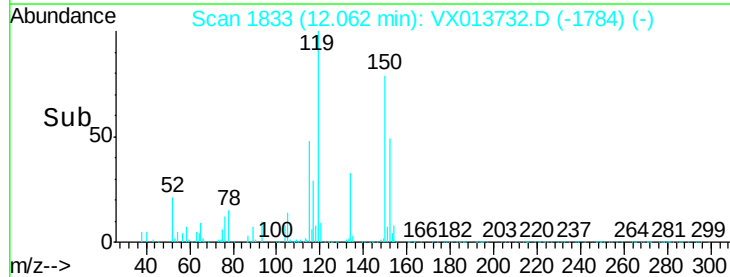
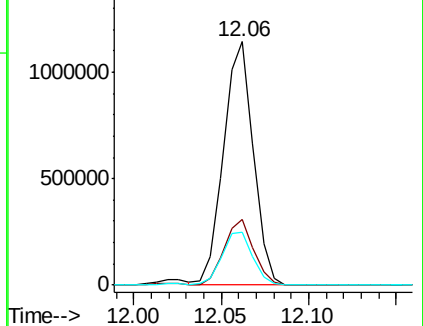
91 22.5 11.3 33.8

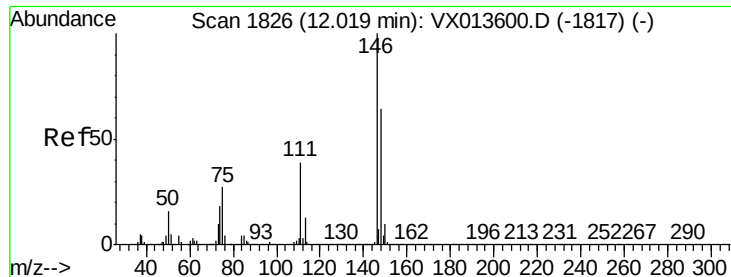


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

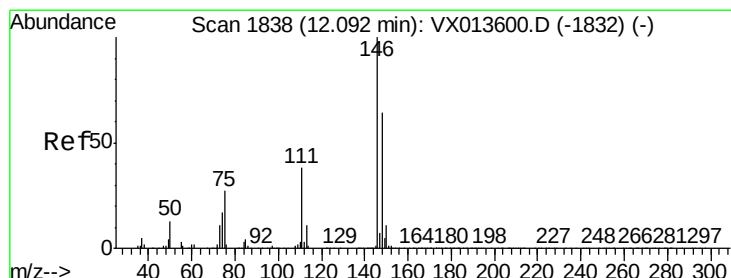
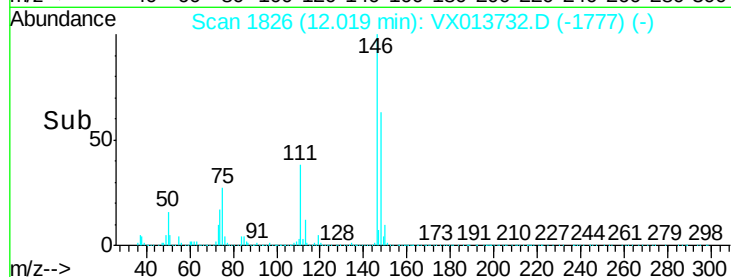
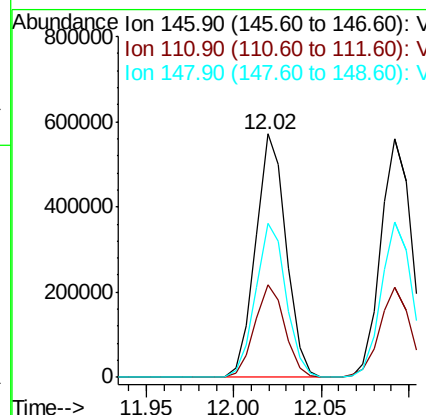
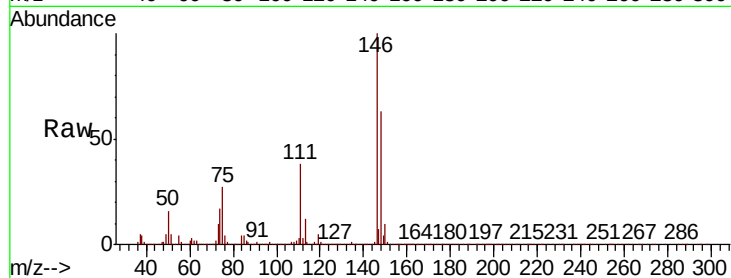




#87
 1,3-Dichlorobenzene
 Concen: 47.534 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

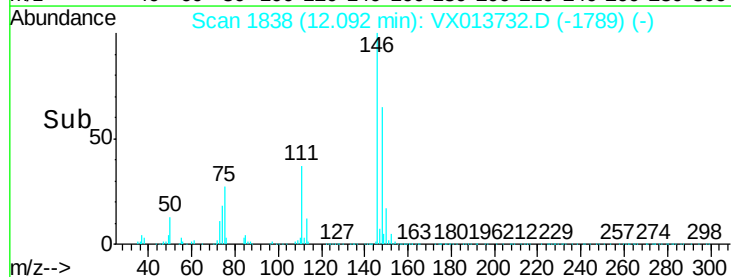
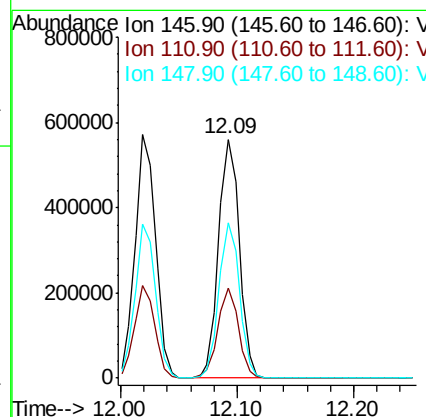
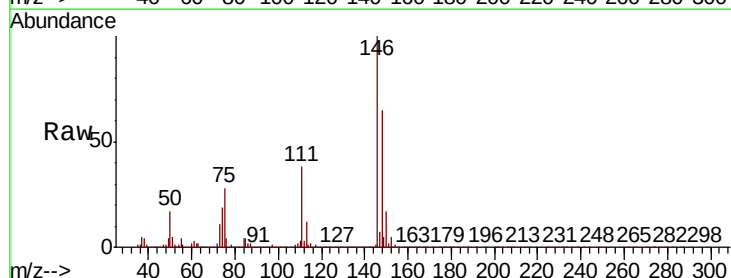
Instrument :
 MSVOA_X
 ClientSampleId :

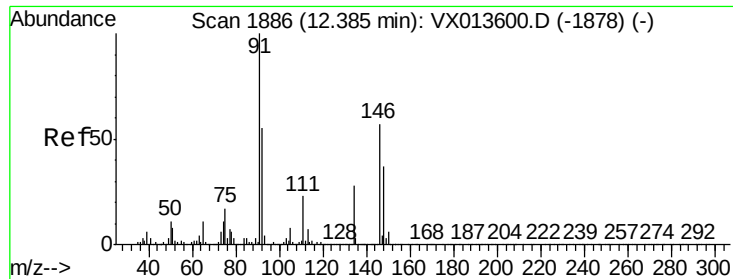
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	63.0	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 46.272 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	64.3	31.9	95.5

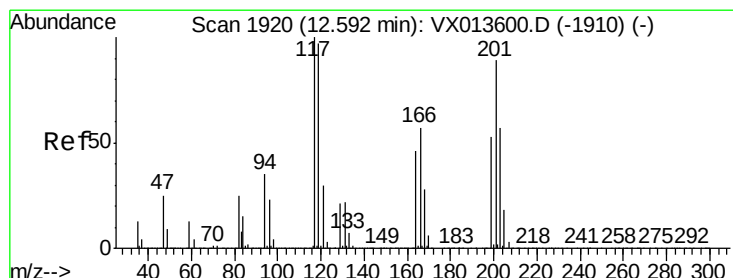
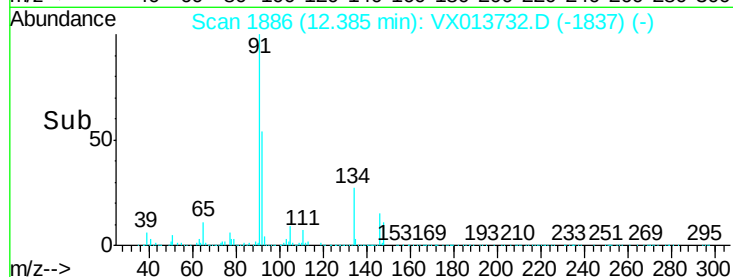
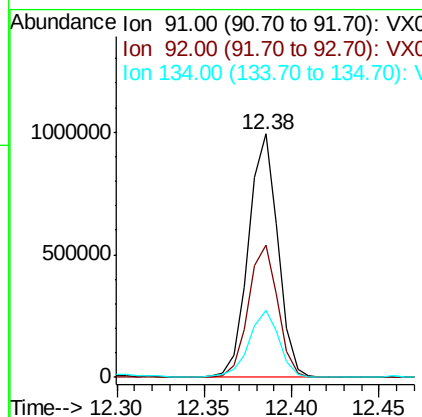
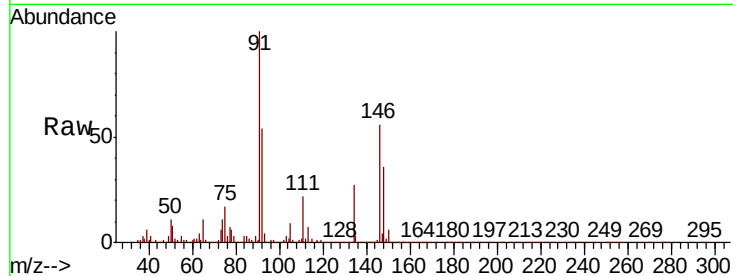




#89
n-Butylbenzene
Concen: 49.225 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

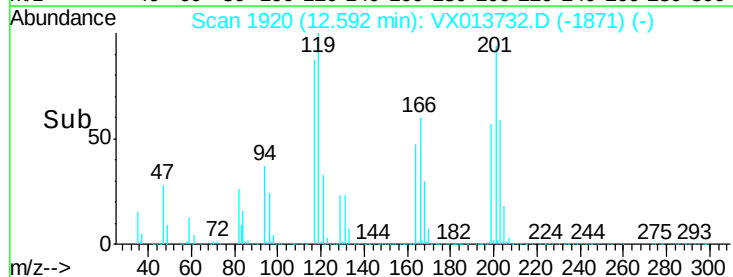
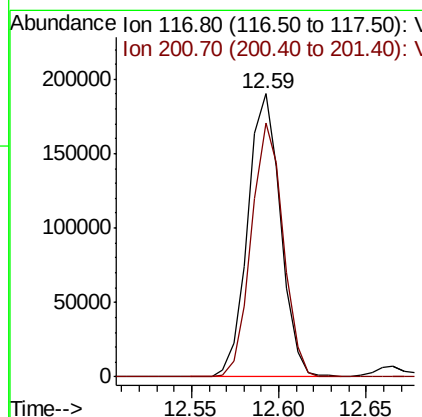
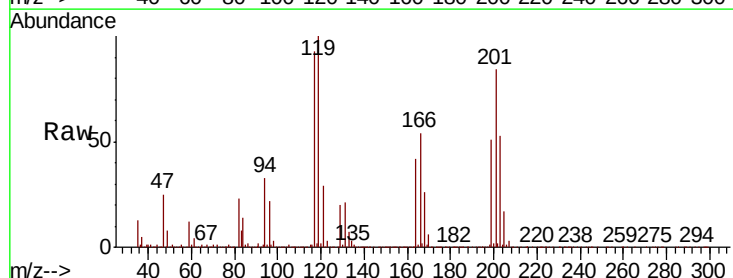
Instrument :
MSVOA_X
ClientSampled :

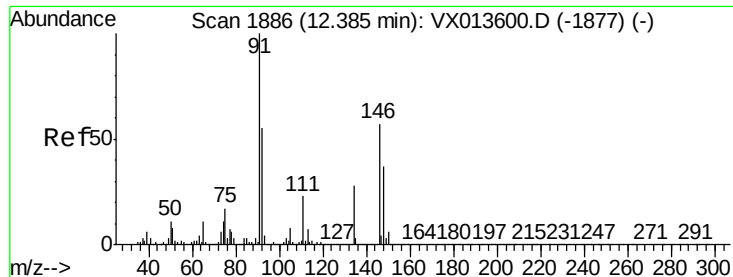
Tot Ion: 91 Resp: 1152860
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.2
134 28.4 13.5 40.4



#90
Hexachloroethane
Concen: 49.818 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion: 117 Resp: 247266
Ion Ratio Lower Upper
117 100
201 87.2 44.1 132.4

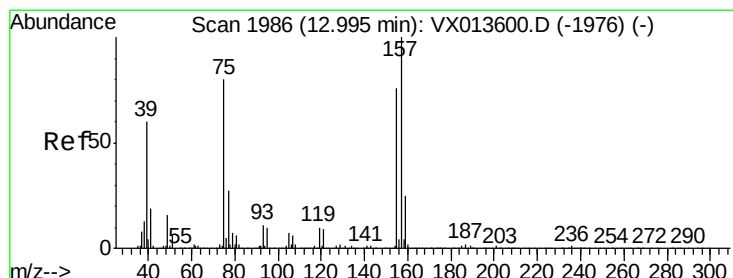
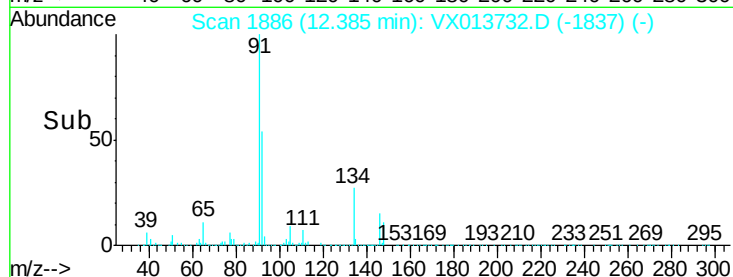
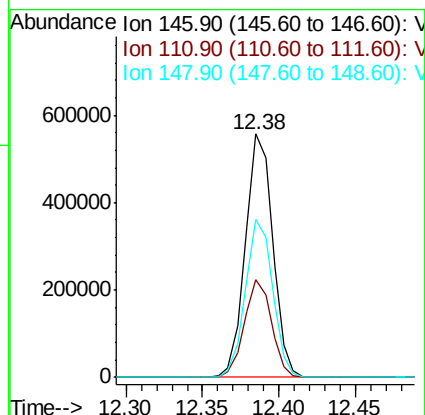
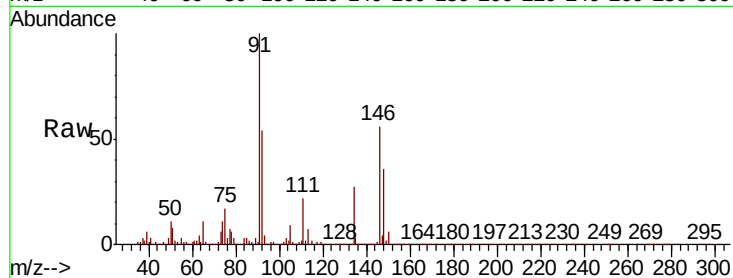




#91
 1,2-Dichlorobenzene
 Concen: 48.091 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

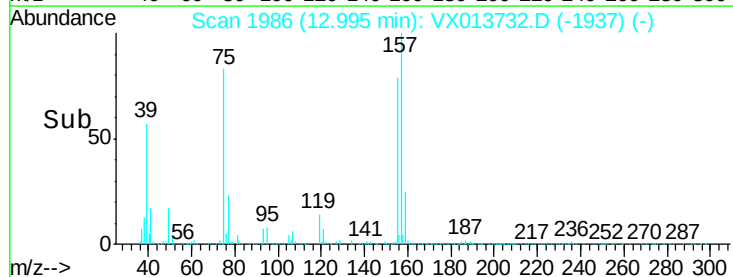
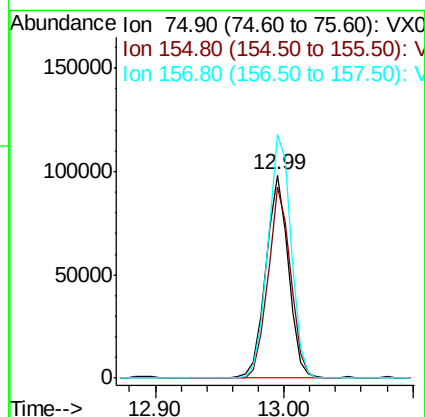
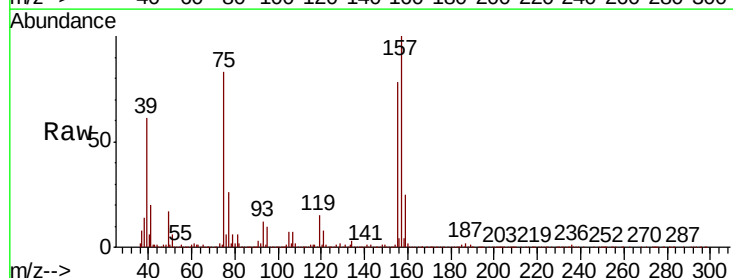
Instrument :
 MSVOA_X
 ClientSampleId :

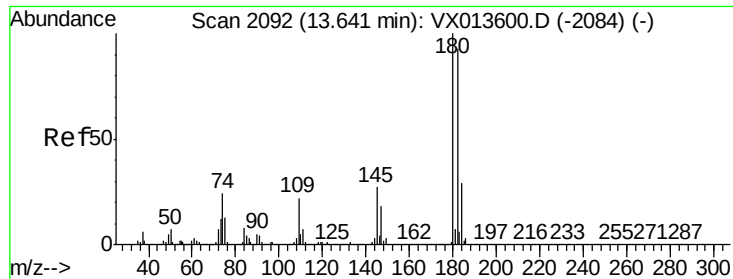
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.132 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	47.6	142.8
157	123.3	62.1	186.2

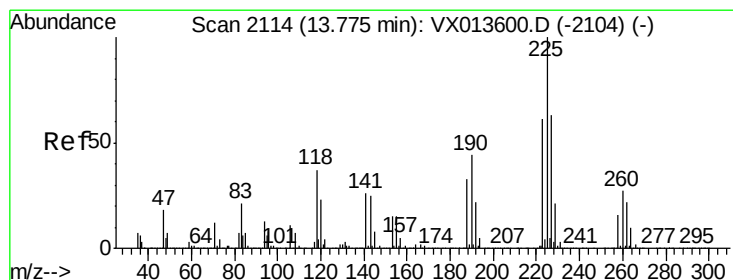
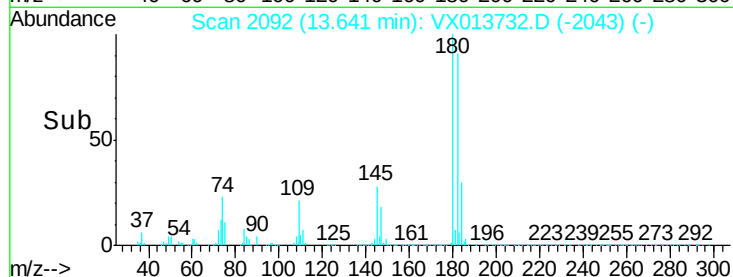
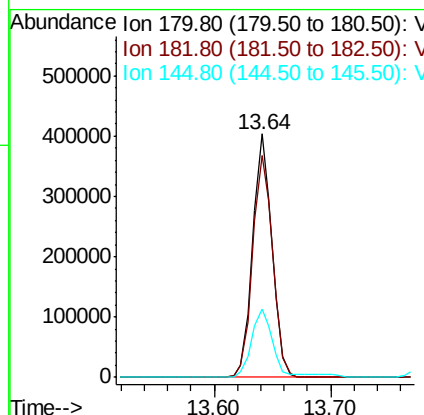
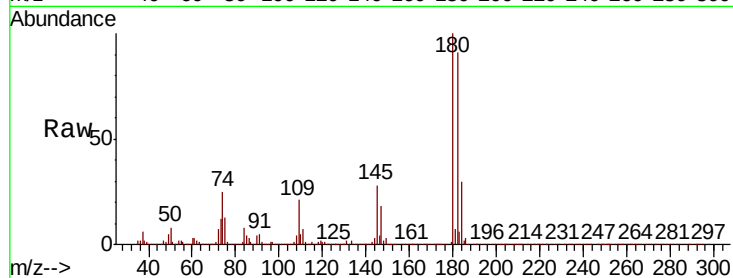




#93
 1,2,4-Trichlorobenzene
 Concen: 46.567 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

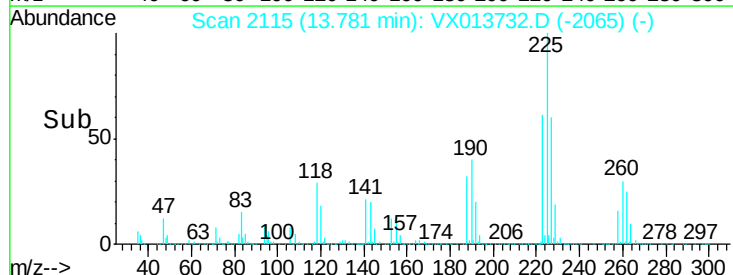
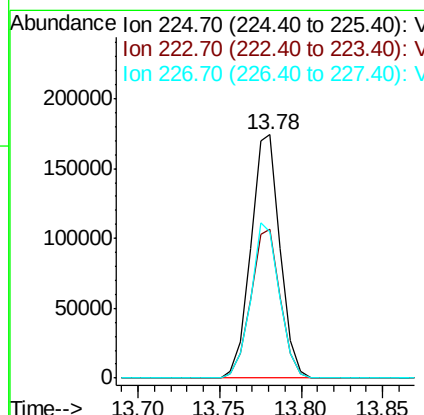
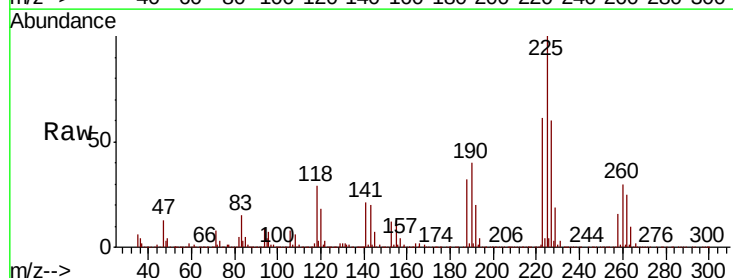
Instrument :
 MSVOA_X
 ClientSampleId :

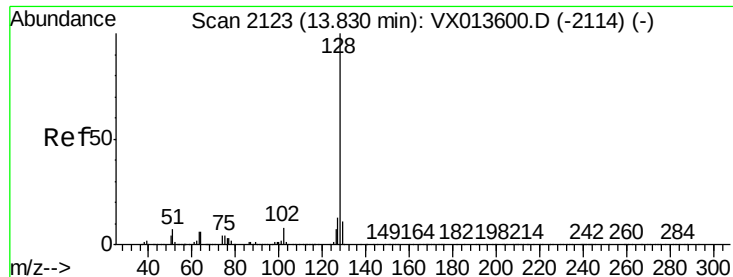
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.2	141.6
145	29.7	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 45.091 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013732.D
 Acq: 03 Dec 2019 18:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.9	95.5
227	62.4	32.1	96.3

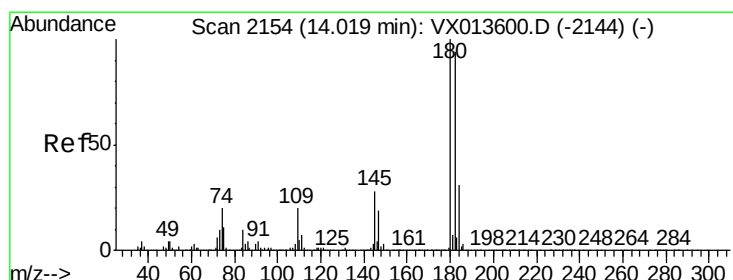
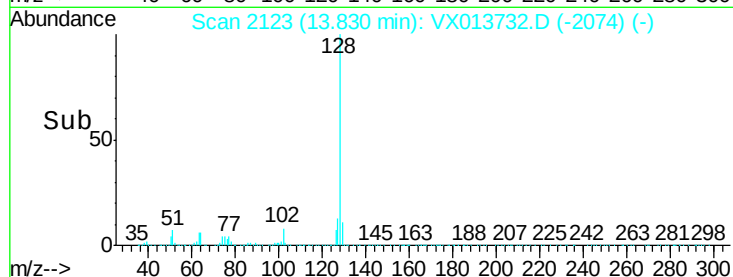
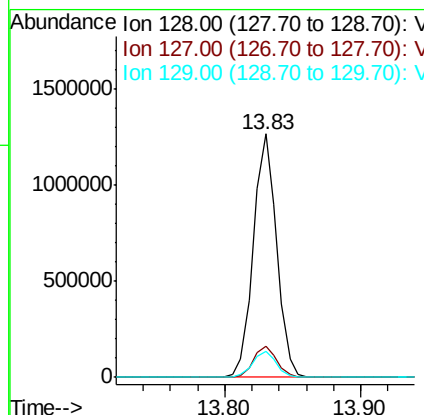
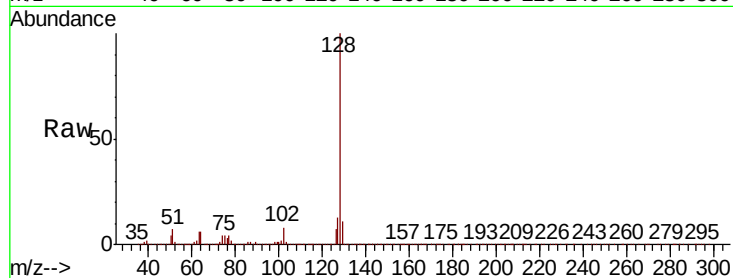




#95
Naphthalene
Concen: 50.961 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1526797
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.894 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013732.D
Acq: 03 Dec 2019 18:08

Tgt Ion:180 Resp: 467111
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.8
145 30.7 15.0 45.0

