

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137867.D
 Acq On : 09 Dec 2019 21:37
 Operator : JC/SP
 Sample : K6185-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 03:30:26 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	548010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	858691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	776433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	381527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	286843	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	5.48	113	238255	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	906532	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
62) 4-Bromofluorobenzene	11.14	95	326219	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	276584	45.344	ug/l	98
3) Chloromethane	1.32	50	310444	45.358	ug/l	100
4) Vinyl Chloride	1.40	62	364670	47.339	ug/l	97
5) Bromomethane	1.63	94	236459	45.707	ug/l	99
6) Chloroethane	1.71	64	203739	46.478	ug/l	99
7) Trichlorofluoromethane	1.92	101	393268	45.975	ug/l	99
8) Diethyl Ether	2.18	74	183538	47.428	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1283411	245.638	ug/l	99
10) Methyl Iodide	2.50	142	288669	45.674	ug/l	98
11) Tert butyl alcohol	3.04	59	395277	251.746	ug/l	99
12) 1,1-Dichloroethene	2.36	96	252794	48.472	ug/l	98
13) Acrolein	2.28	56	306344	290.736	ug/l	100
14) Allyl chloride	2.72	41	442861	46.792	ug/l	99
15) Acrylonitrile	3.13	53	823573	254.107	ug/l	99
16) Acetone	2.44	43	710822	226.334	ug/l	98
17) Carbon Disulfide	2.56	76	613200	41.245	ug/l	99
18) Methyl Acetate	2.76	43	438347	50.124	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	839584	48.596	ug/l	100
20) Methylene Chloride	2.85	84	280960	46.566	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	259873	45.741	ug/l	98
22) Diisopropyl ether	3.84	45	911066	49.993	ug/l	98
23) Vinyl Acetate	3.80	43	3482216	229.691	ug/l	99
24) 1,1-Dichloroethane	3.69	63	494046	49.591	ug/l	98
25) 2-Butanone	4.66	43	1162554	249.074	ug/l	100
26) 2,2-Dichloropropane	4.57	77	316598	38.410	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	341573	52.352	ug/l	98
28) Bromochloromethane	5.00	49	200955	51.044	ug/l	97
29) Tetrahydrofuran	5.12	42	746989	259.608	ug/l	99
30) Chloroform	5.20	83	474994	47.013	ug/l	96
31) Cyclohexane	5.57	56	425019	45.231	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	398886	47.244	ug/l	99
36) 1,1-Dichloropropene	5.79	75	352061	45.166	ug/l	99
37) Ethyl Acetate	4.82	43	412980	47.227	ug/l	99
38) Carbon Tetrachloride	5.78	117	343362	47.772	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	414042	42.972	ug/l	99
40) Benzene	6.14	78	1106631	46.614	ug/l	100
41) Methacrylonitrile	5.03	41	247592	51.628	ug/l	98
42) 1,2-Dichloroethane	6.19	62	382627	47.259	ug/l	100
43) Isopropyl Acetate	6.43	43	671015	46.610	ug/l	100
44) Trichloroethene	7.21	130	1029563	158.019	ug/l	99
45) 1,2-Dichloropropane	7.51	63	291345	49.050	ug/l	97
46) Dibromomethane	7.65	93	187885	46.574	ug/l	99
47) Bromodichloromethane	7.89	83	368937	48.377	ug/l	98
48) Methyl methacrylate	7.76	41	349480	49.963	ug/l	100
49) 1,4-Dioxane	7.73	88	165191	1055.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2295717	253.514	ug/l	100
52) Toluene	8.78	92	687531	46.617	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	400034	46.083	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	438201	46.205	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288645	48.566	ug/l	99
56) Ethyl methacrylate	9.17	69	467776	48.954	ug/l	99
57) 1,3-Dichloropropane	9.37	76	483904	47.236	ug/l	100
59) 2-Hexanone	9.49	43	1782864	252.434	ug/l	98
60) Dibromochloromethane	9.57	129	295614	47.928	ug/l	98
61) 1,2-Dibromoethane	9.67	107	297522	46.871	ug/l	99
64) Tetrachloroethene	9.33	164	339793	58.684	ug/l	99
65) Chlorobenzene	10.14	112	745089	46.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	277335	47.910	ug/l	99
67) Ethyl Benzene	10.25	91	1301237	46.974	ug/l	98
68) m/p-Xylenes	10.35	106	993841	93.710	ug/l	99
69) o-Xylene	10.70	106	486129	46.999	ug/l	100
70) Stvrene	10.71	104	822533	47.273	ug/l	99
71) Bromoform	10.85	173	232859	48.617	ug/l #	98
73) Isopropylbenzene	11.01	105	1271846	47.523	ug/l	100
74) N-amyl acetate	10.89	43	568954	46.409	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	471239	50.774	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	519953	60.592	ug/l	88
77) Bromobenzene	11.25	156	335564	46.413	ug/l	98
78) n-propylbenzene	11.35	91	1410505	47.213	ug/l	100
79) 2-Chlorotoluene	11.42	91	840989	46.927	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1037263	47.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	142460	45.418	ug/l	100
82) 4-Chlorotoluene	11.51	91	959404	46.221	ug/l	99
83) tert-Butylbenzene	11.76	119	1078051	48.361	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1059685	47.602	ug/l	100
85) sec-Butylbenzene	11.94	105	1204382	47.301	ug/l	100
86) p-Isopropyltoluene	12.06	119	1092510	46.122	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	568766	45.129	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	571229	44.498	ug/l	99
89) n-Butylbenzene	12.39	91	907099	44.899	ug/l	100
90) Hexachloroethane	12.59	117	202834	47.374	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	583650	46.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100888	49.917	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	366629	42.246	ug/l	99

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Quant Time: Dec 10 03:30:26 2019
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

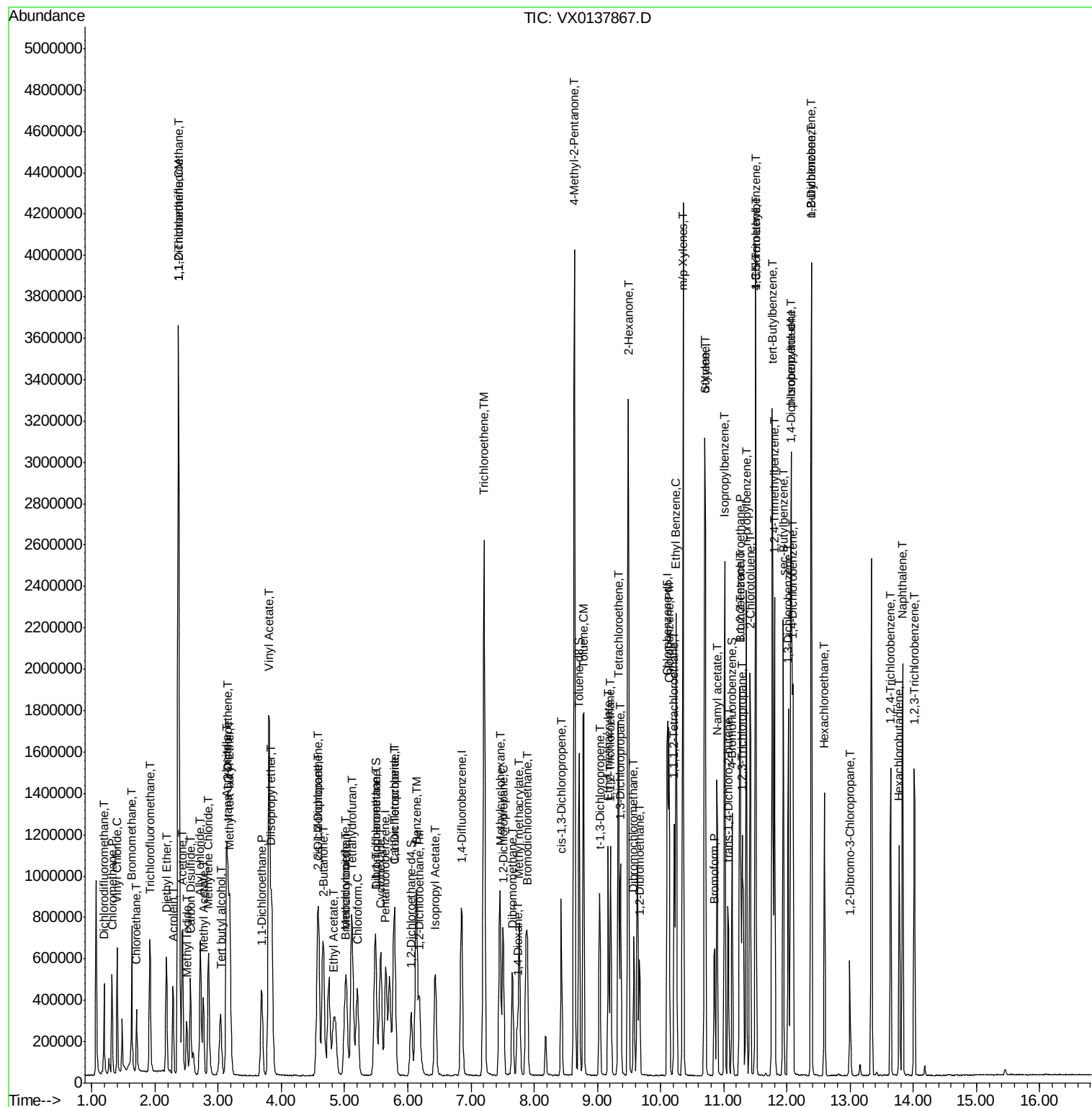
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173739	41.675	ug/l	99
95) Naphthalene	13.83	128	1179509	45.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	383305	44.608	ug/l	100

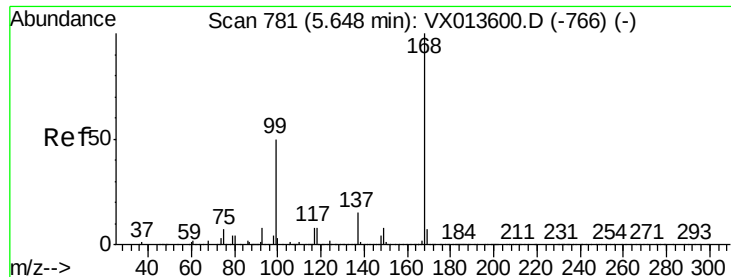
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

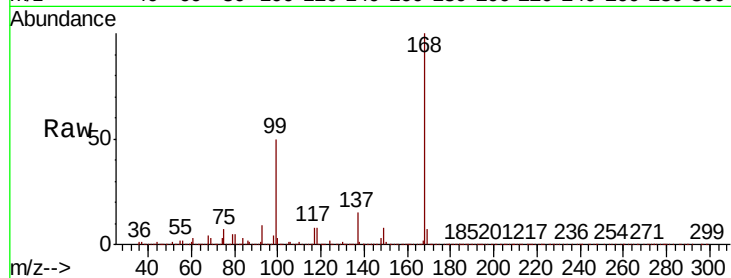
ClientSampled :

Tot Ion:168 Resp: 548010

Ion Ratio Lower Upper

168 100

99 50.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

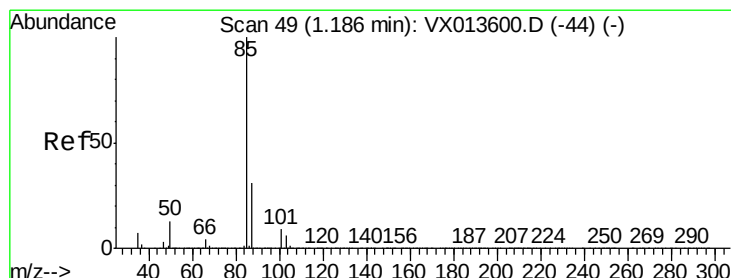
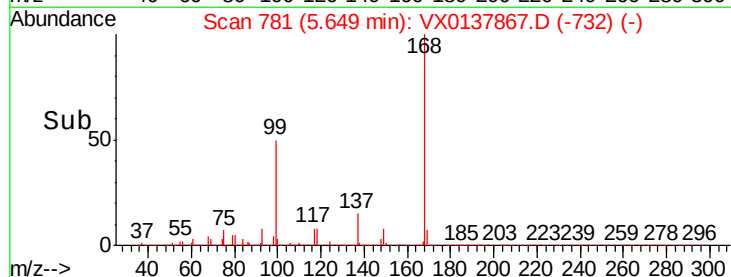
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.344 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX0137867.D

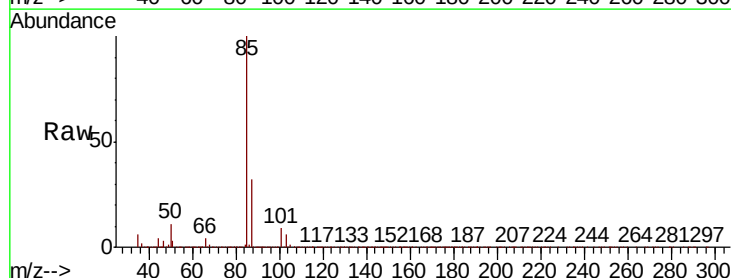
Acq: 09 Dec 2019 21:37

Tgt Ion: 85 Resp: 276584

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

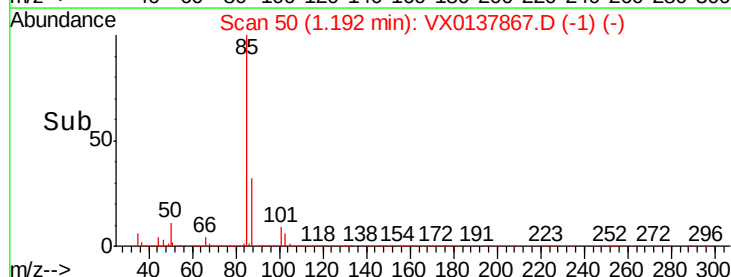
100000

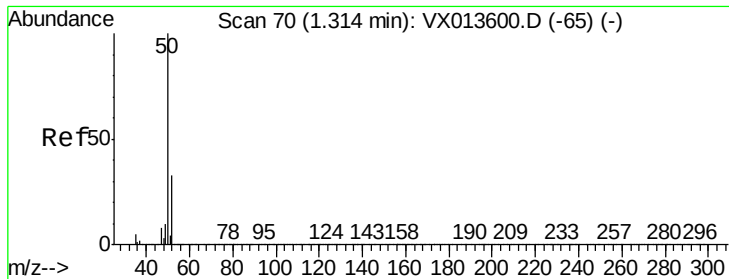
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 45.358 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

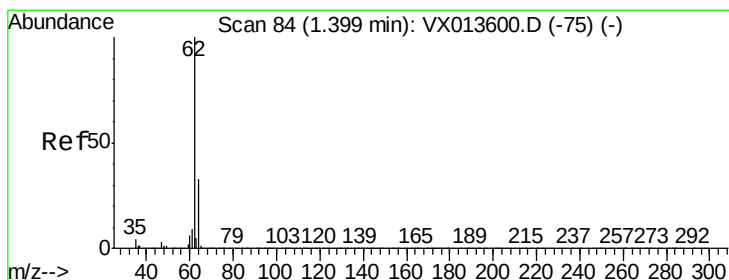
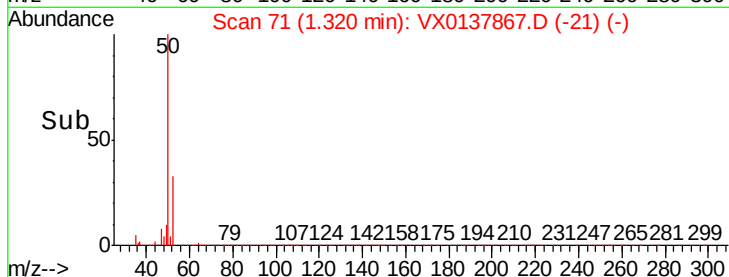
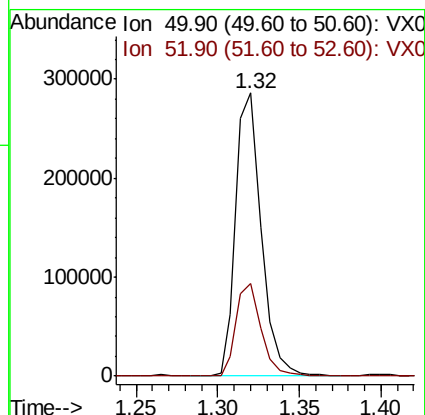
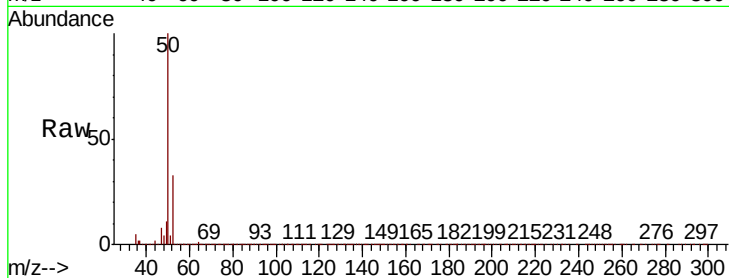
ClientSampleId :

Tot Ion: 50 Resp: 310444

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 47.339 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX0137867.D

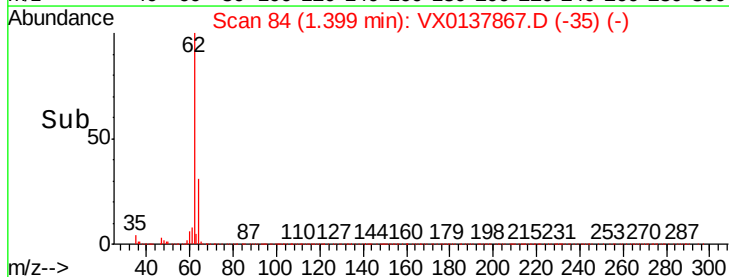
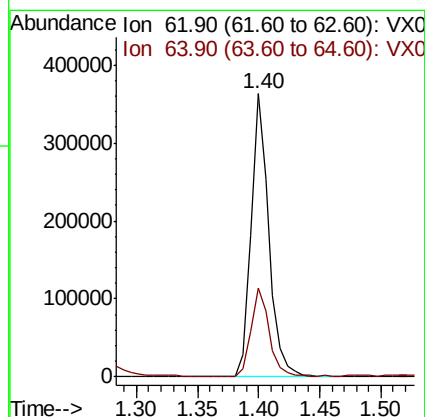
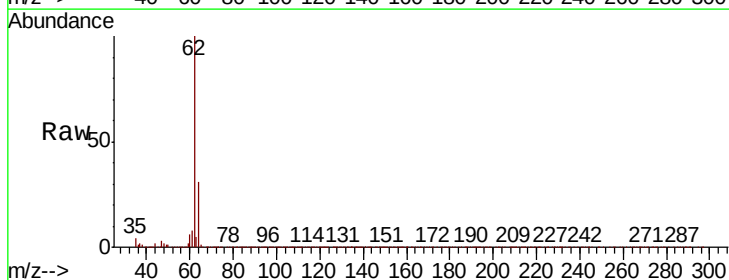
Acq: 09 Dec 2019 21:37

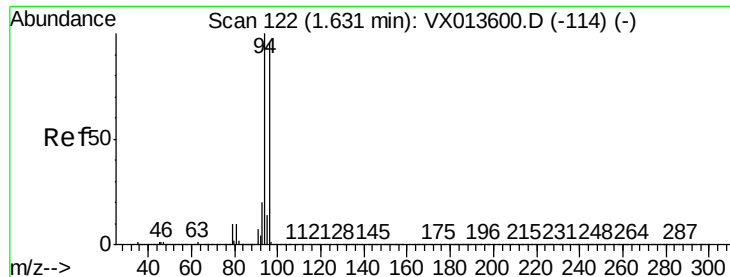
Tgt Ion: 62 Resp: 364670

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





#5

Bromomethane

Concen: 45.707 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

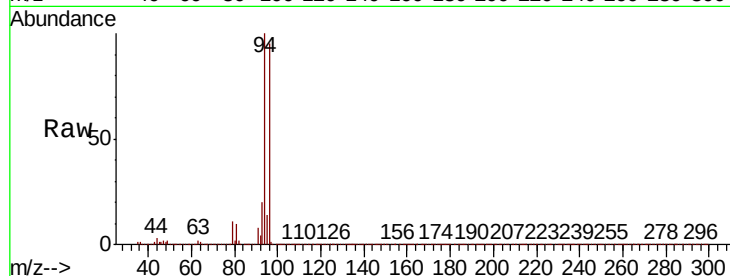
ClientSampled :

Tot Ion: 94 Resp: 236459

Ion Ratio Lower Upper

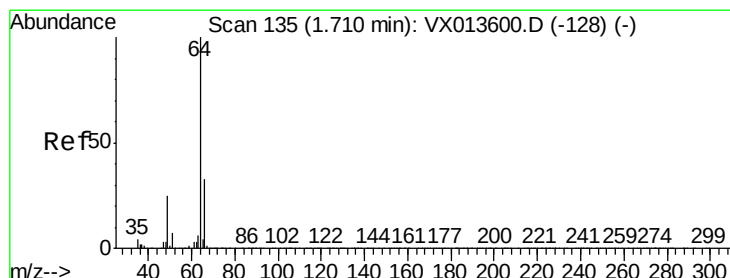
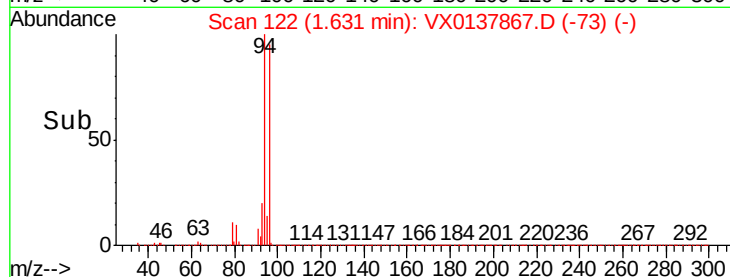
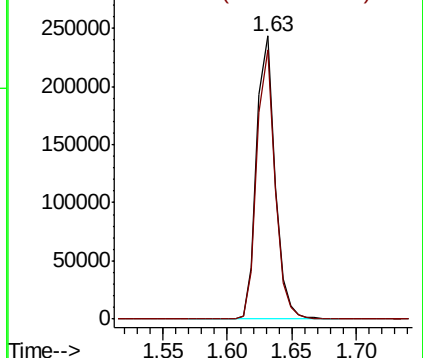
94 100

96 95.0 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.478 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX0137867.D

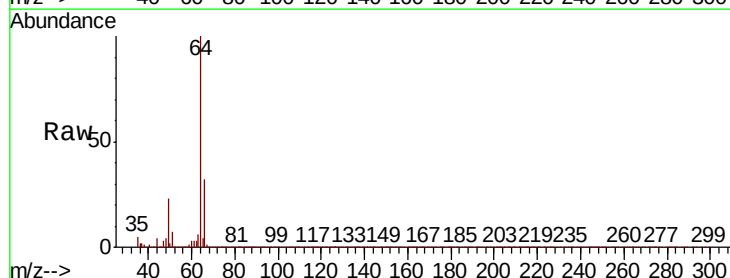
Acq: 09 Dec 2019 21:37

Tgt Ion: 64 Resp: 203739

Ion Ratio Lower Upper

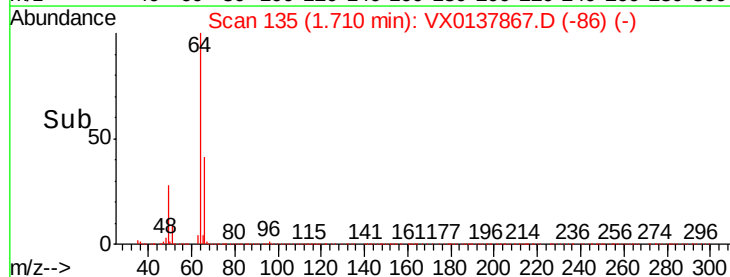
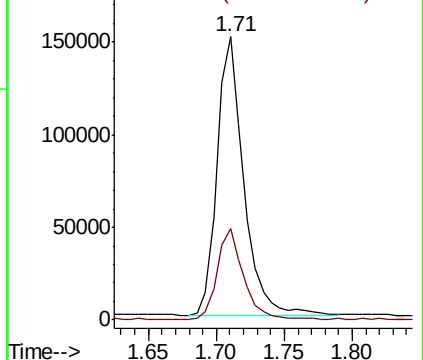
64 100

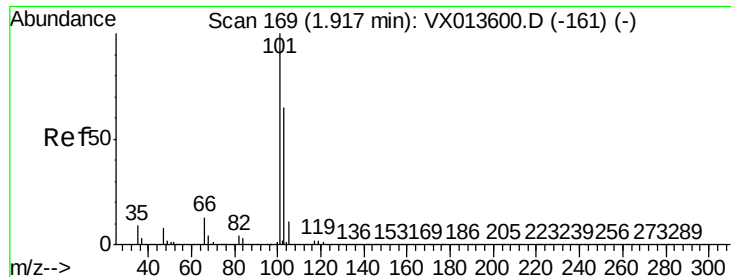
66 32.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



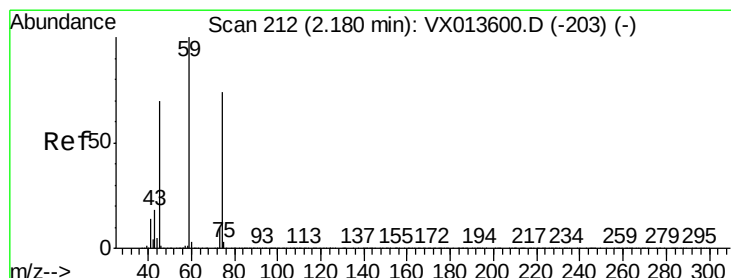
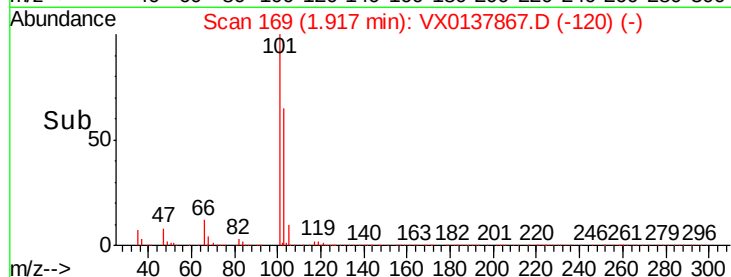
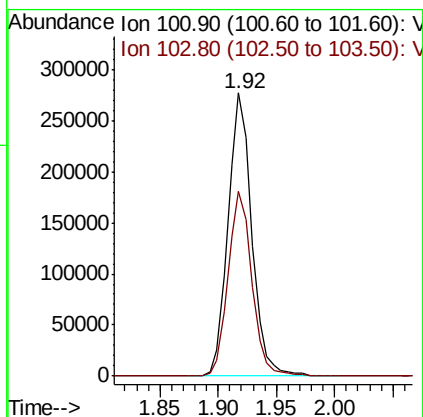
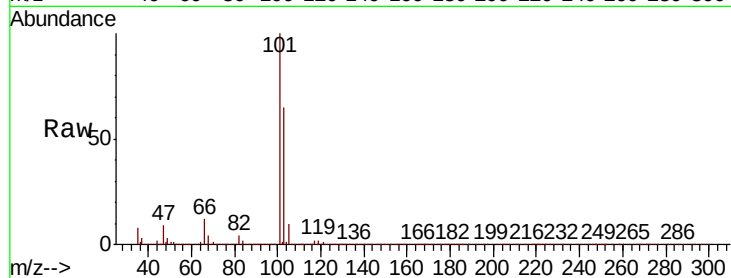


#7

Trichlorofluoromethane
Concen: 45.975 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

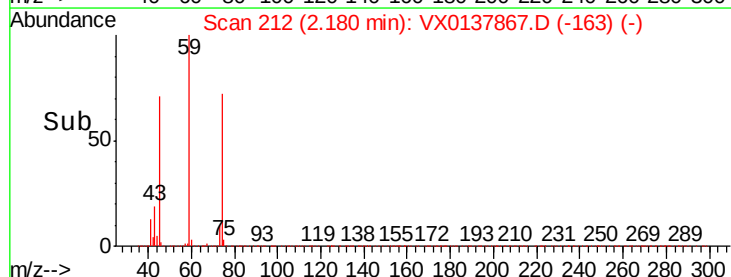
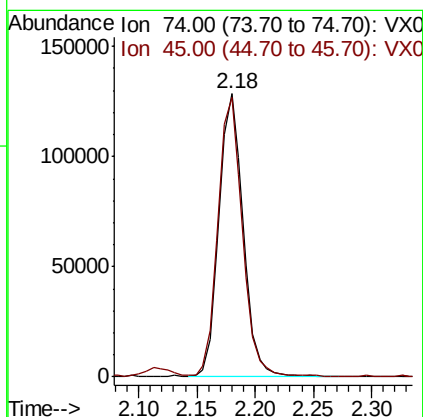
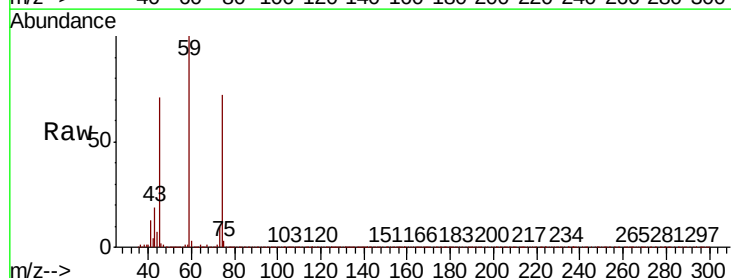
Tot Ion:101 Resp: 393268
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

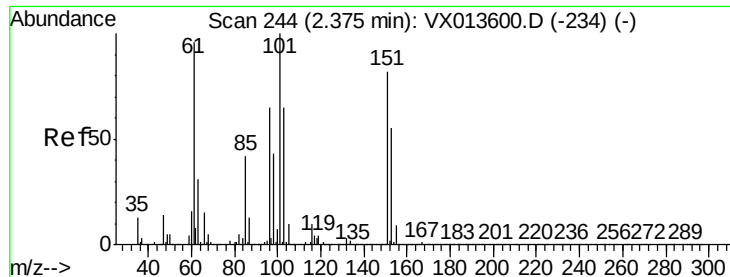


#8

Diethyl Ether
Concen: 47.428 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 74 Resp: 183538
Ion Ratio Lower Upper
74 100
45 99.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 245.638 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

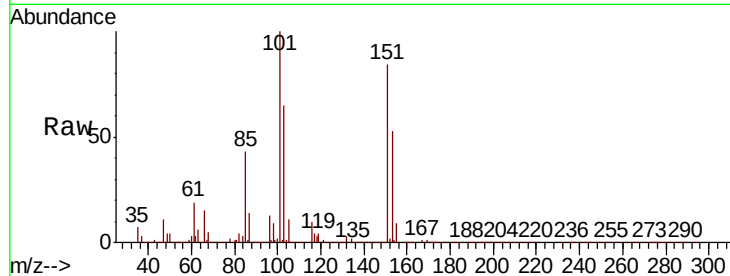
Tot Ion:101 Resp: 1283411

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

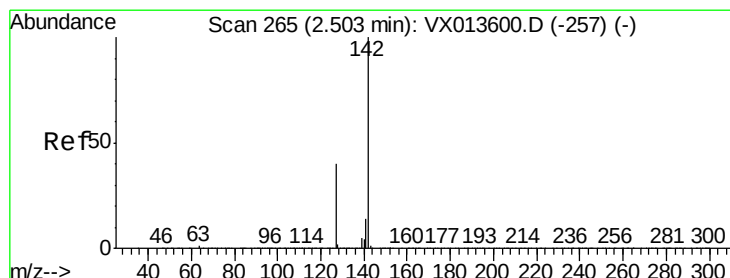
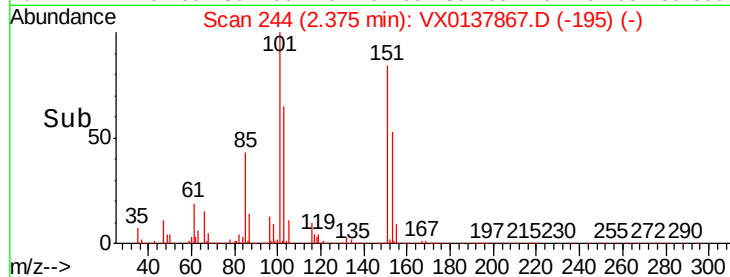
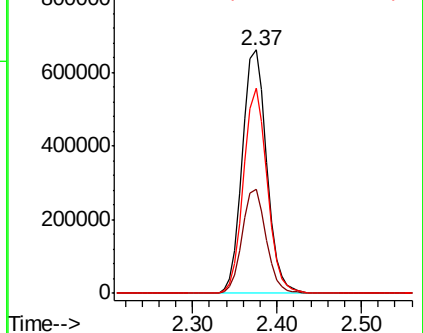
151 81.7 64.2 96.2



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: 45.674 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

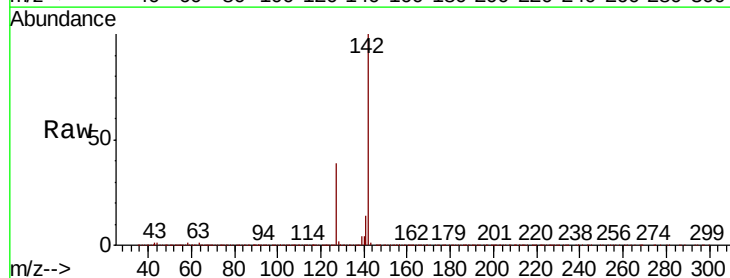
Tgt Ion:142 Resp: 288669

Ion Ratio Lower Upper

142 100

127 39.8 31.0 46.4

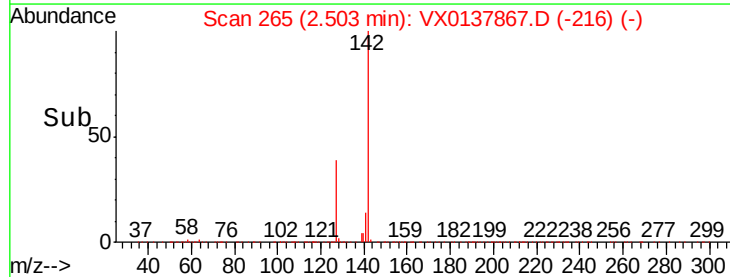
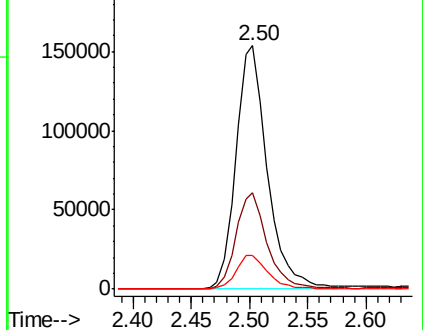
141 14.1 11.6 17.4

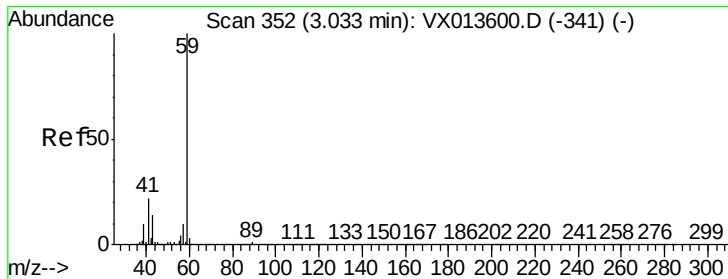


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



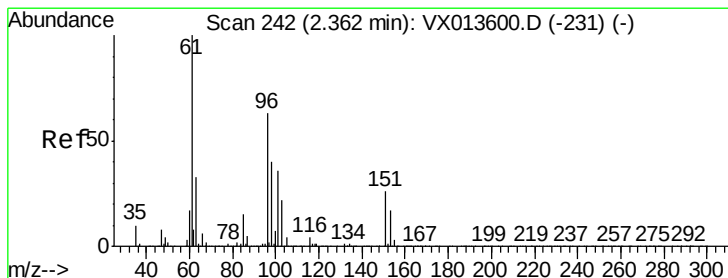
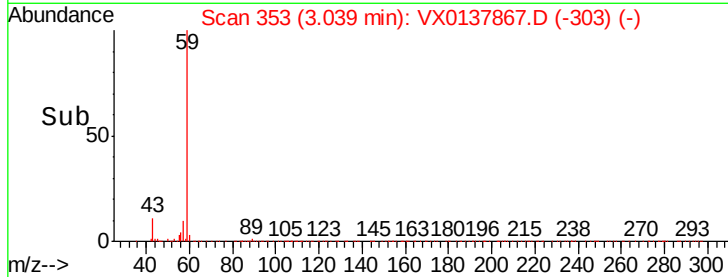
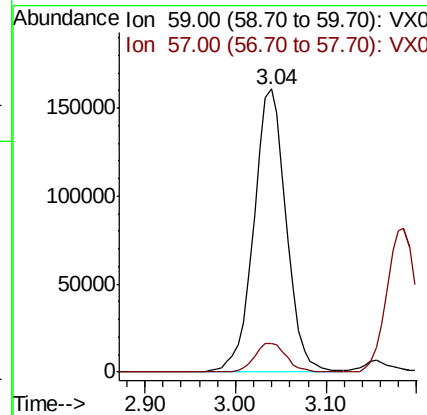
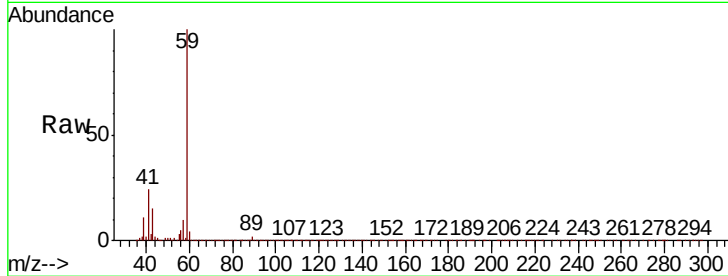


#11

Tert butyl alcohol
Concen: 251.746 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

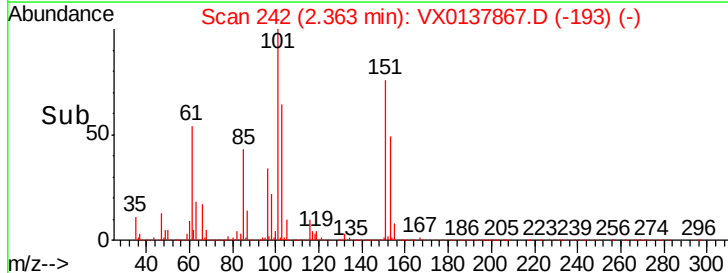
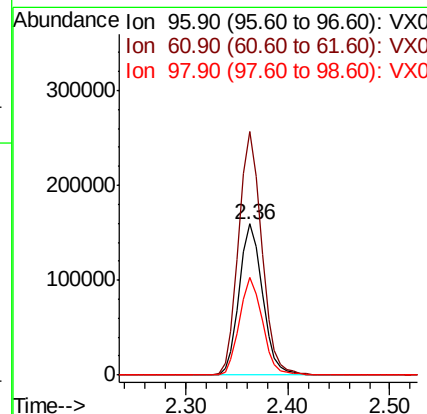
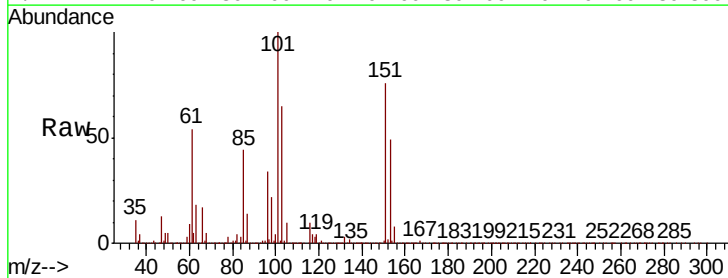
Tot Ion: 59 Resp: 395277
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

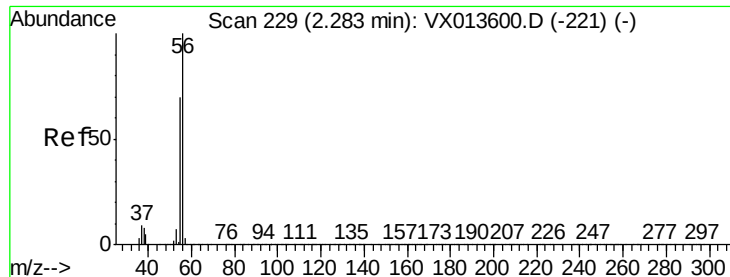


#12

1,1-Dichloroethene
Concen: 48.472 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 96 Resp: 252794
Ion Ratio Lower Upper
96 100
61 160.9 126.6 190.0
98 64.2 50.6 76.0





#13

Acrolein

Concen: 290.736 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

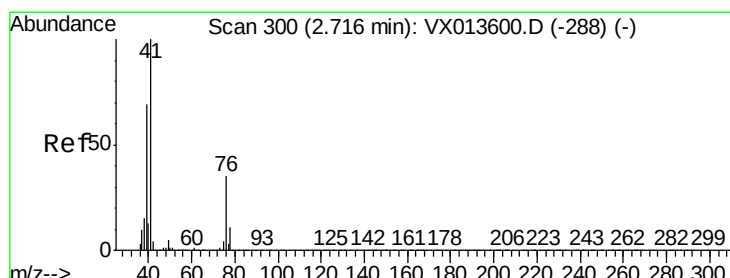
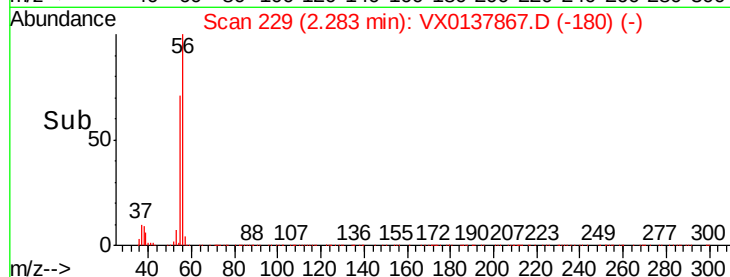
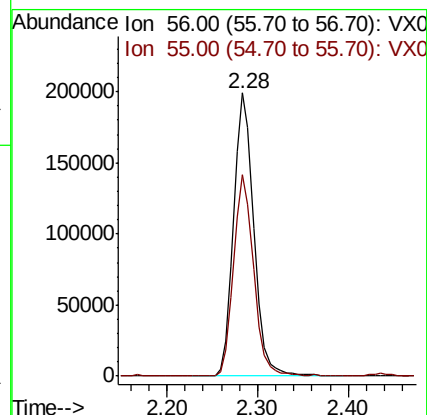
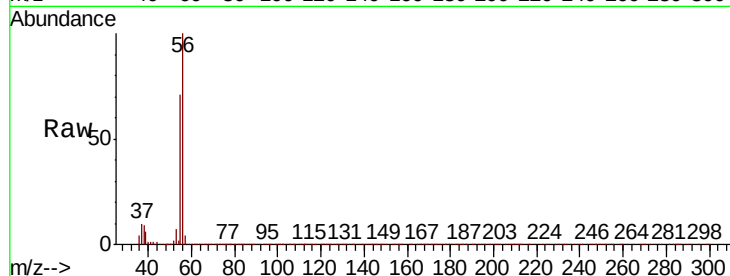
ClientSampled :

Tot Ion: 56 Resp: 306344

Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.4



#14

Allyl chloride

Concen: 46.792 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

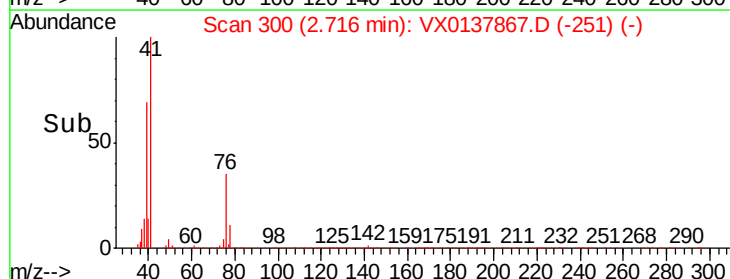
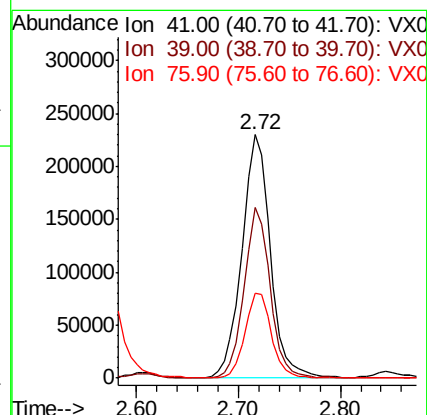
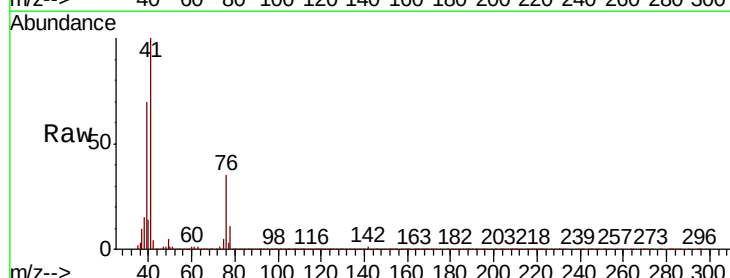
Tgt Ion: 41 Resp: 442861

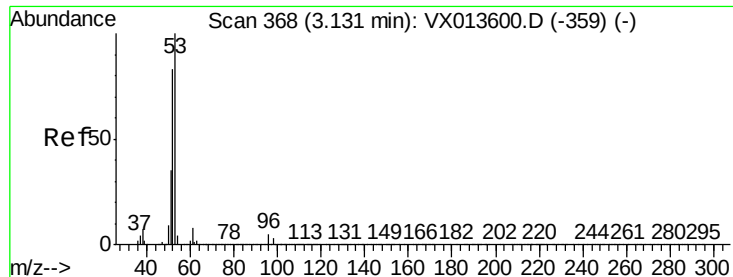
Ion Ratio Lower Upper

41 100

39 64.0 51.7 77.5

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 254.107 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

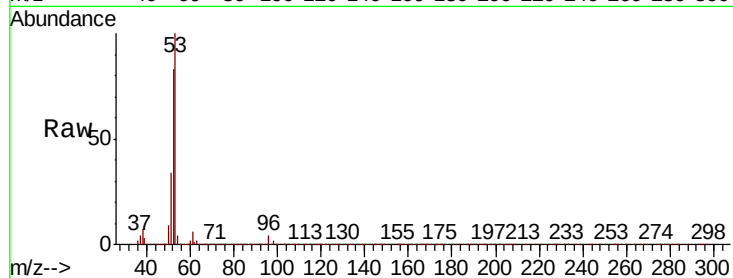
Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 823573

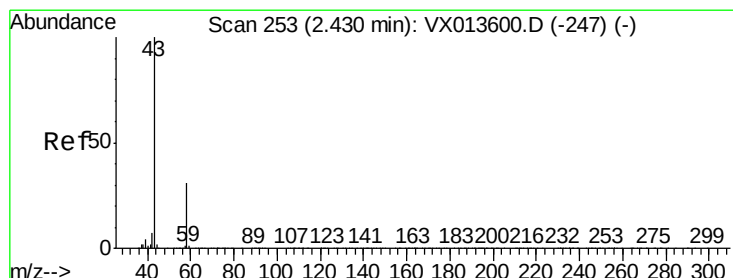
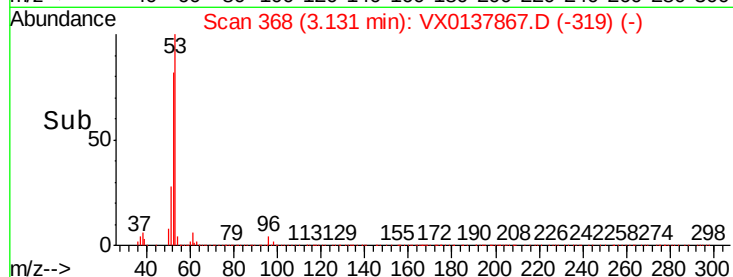
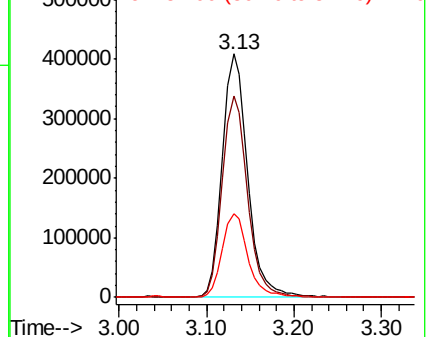
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	34.9	29.0	43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 226.334 ug/l

RT: 2.44 min Scan# 254

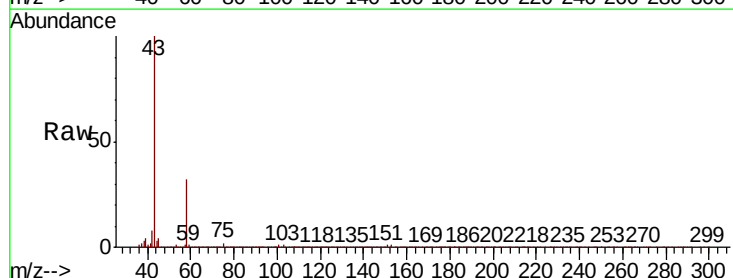
Delta R.T. 0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

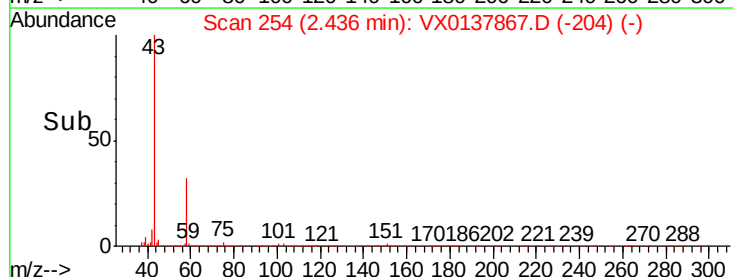
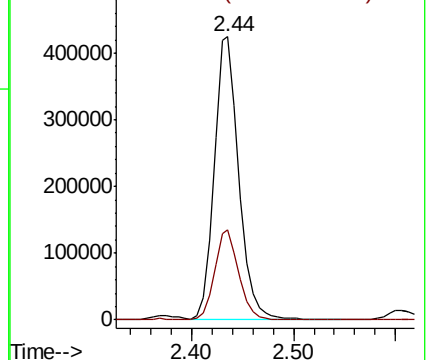
Tgt Ion: 43 Resp: 710822

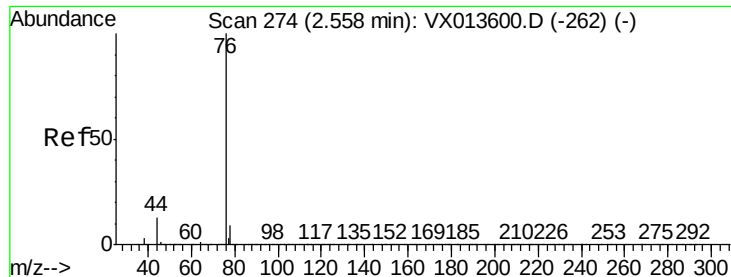
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.245 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

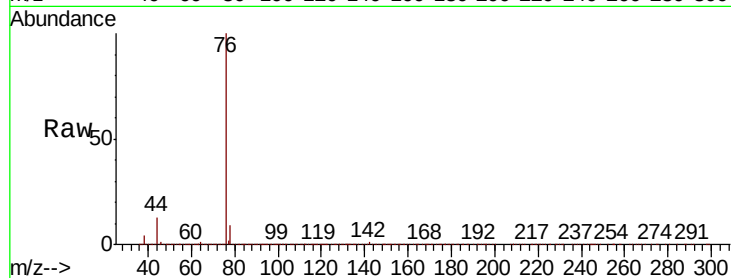
ClientSampleId :

Tot Ion: 76 Resp: 613200

Ion Ratio Lower Upper

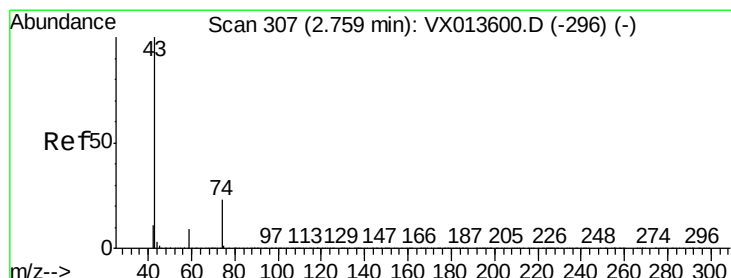
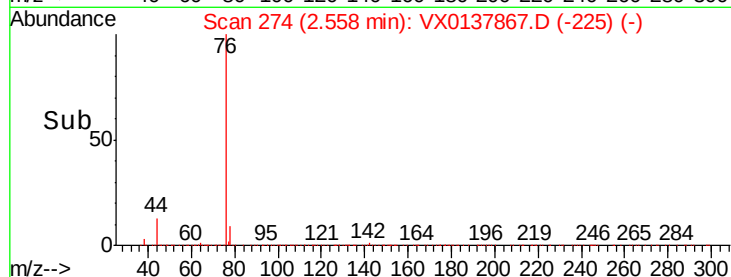
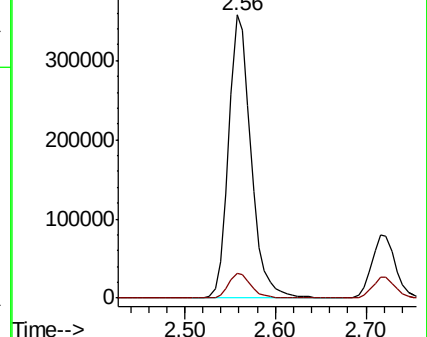
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.124 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX0137867.D

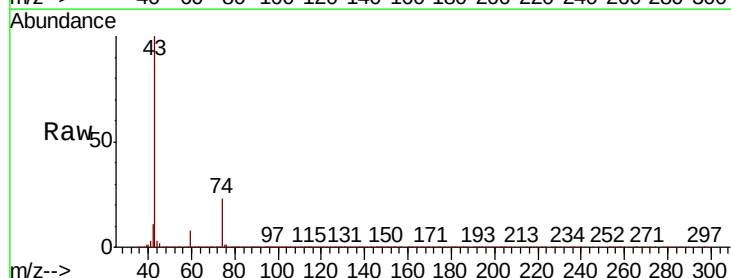
Acq: 09 Dec 2019 21:37

Tgt Ion: 43 Resp: 438347

Ion Ratio Lower Upper

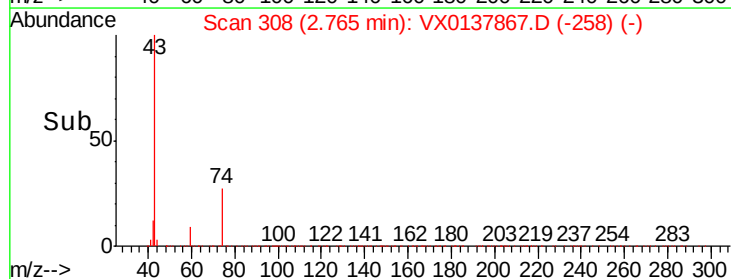
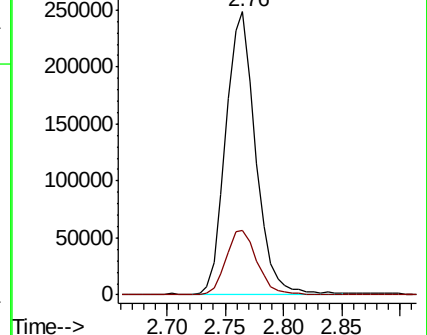
43 100

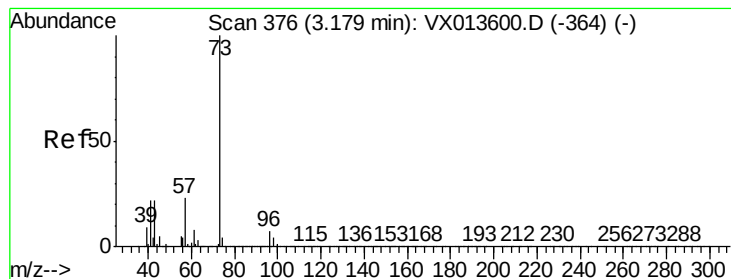
74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



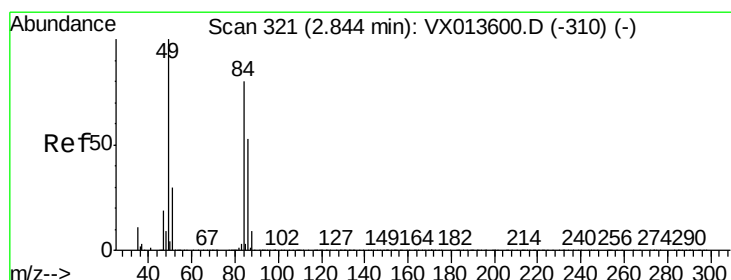
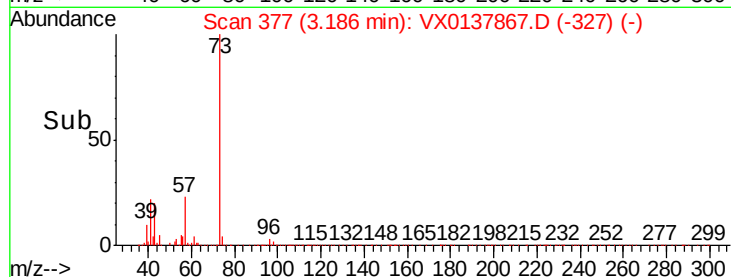
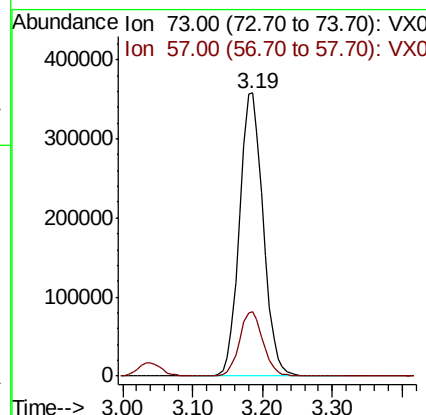
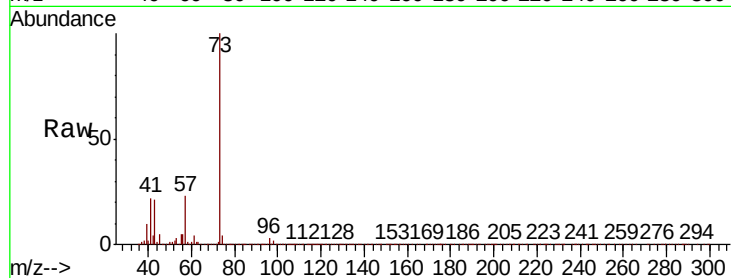


#19

Methyl tert-butyl Ether
 Concen: 48.596 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :

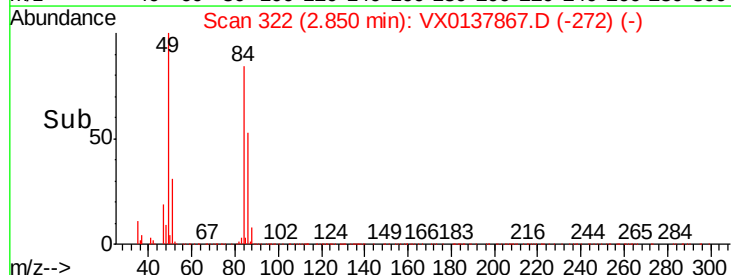
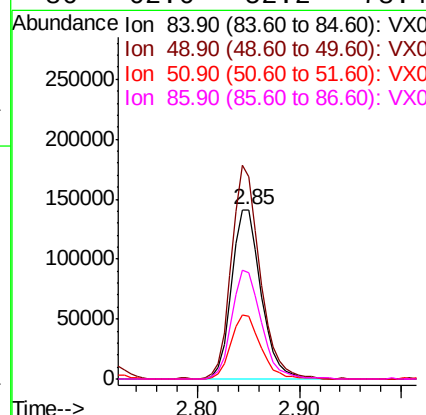
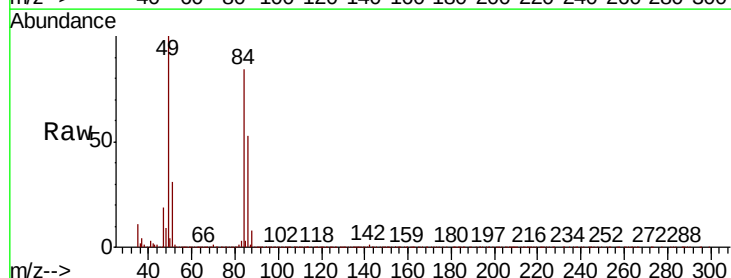
Tot Ion: 73 Resp: 839584
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.3 27.5

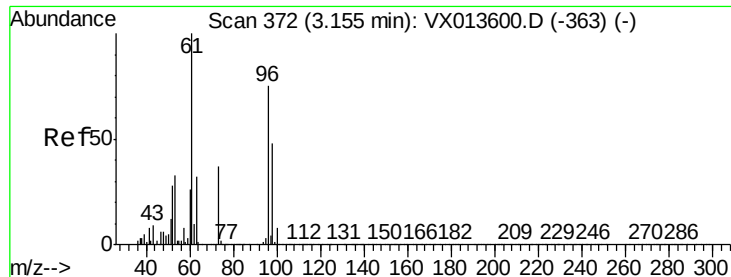


#20

Methylene Chloride
 Concen: 46.566 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 84 Resp: 280960
 Ion Ratio Lower Upper
 84 100
 49 119.0 99.7 149.5
 51 37.1 29.9 44.9
 86 62.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 45.741 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

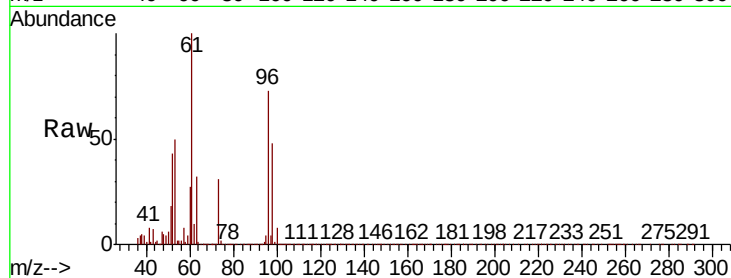
Tot Ion: 96 Resp: 259873

Ion Ratio Lower Upper

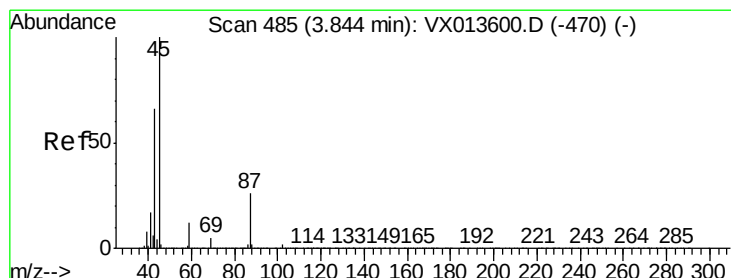
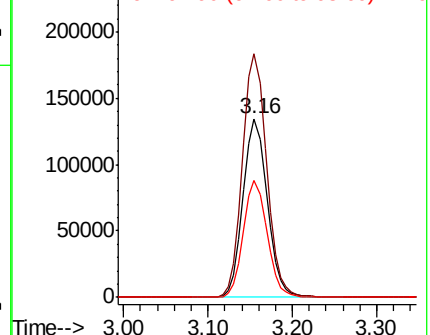
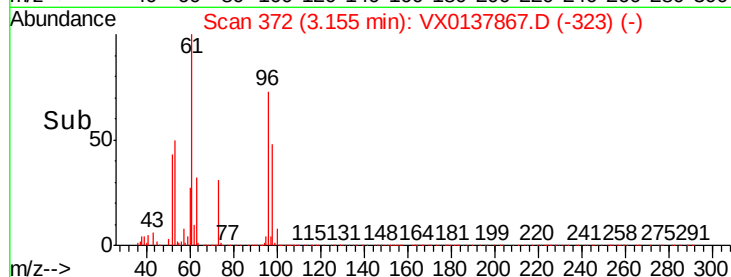
96 100

61 136.1 107.2 160.8

98 65.2 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: 49.993 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion: 45 Resp: 911066

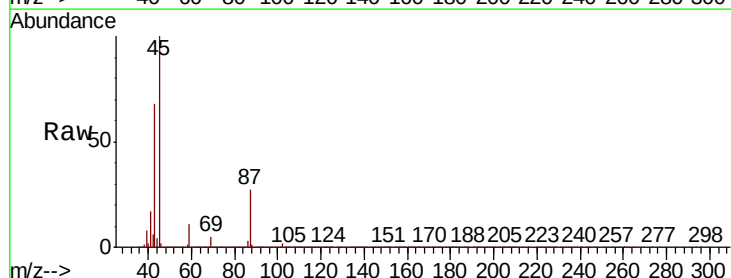
Ion Ratio Lower Upper

45 100

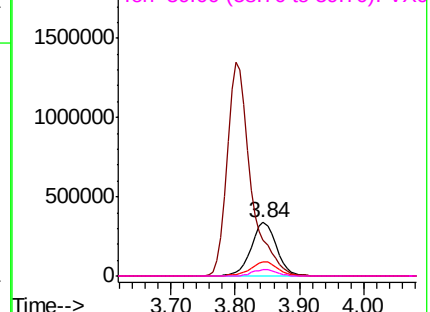
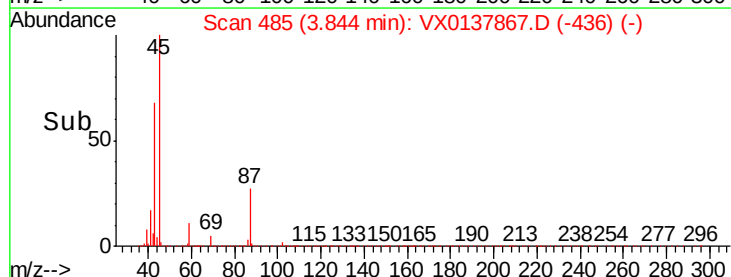
43 67.7 52.6 79.0

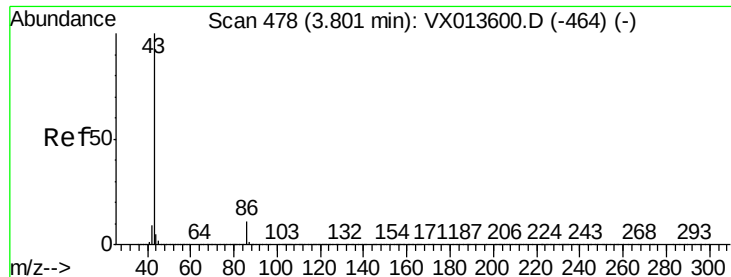
87 26.7 21.1 31.7

59 11.1 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: 229.691 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

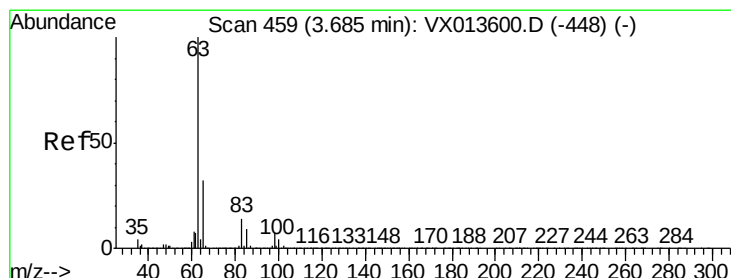
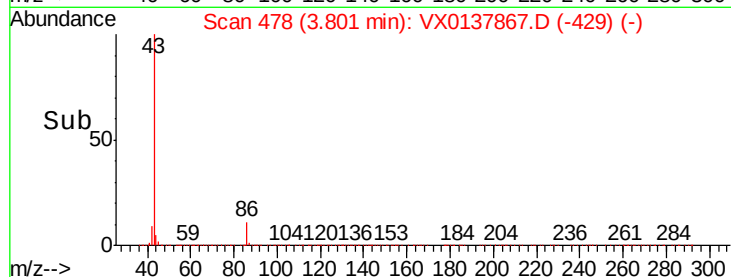
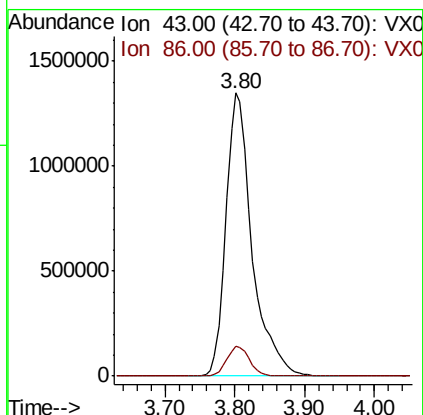
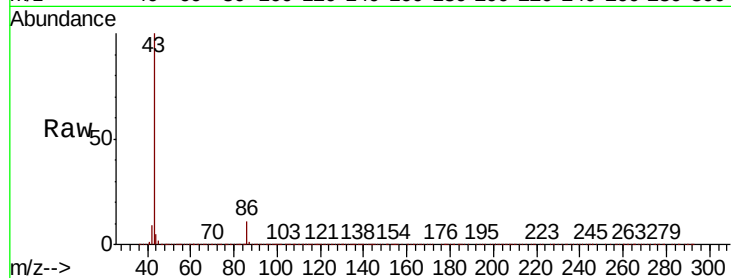
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3482216

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.591 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

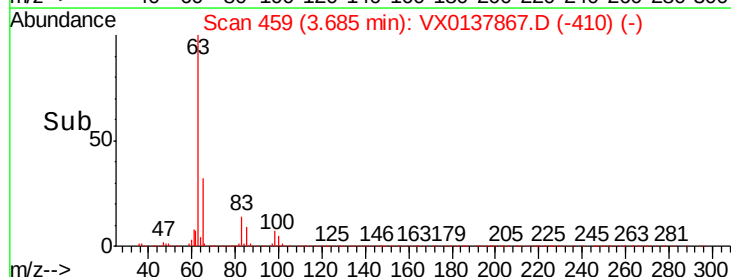
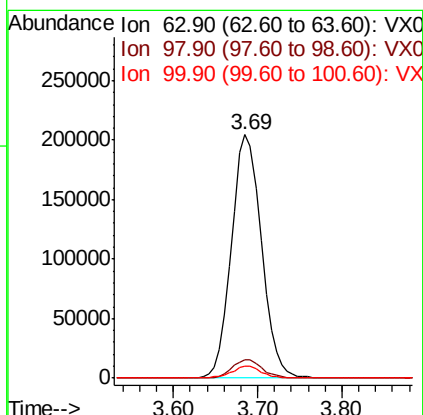
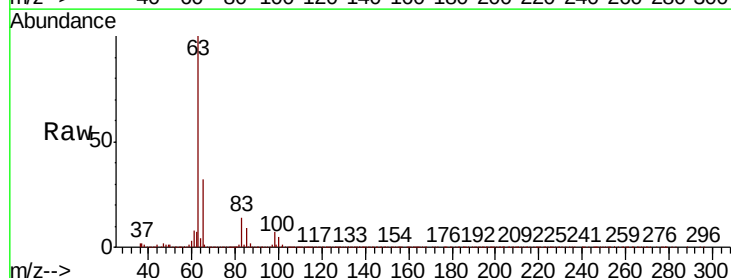
Tgt Ion: 63 Resp: 494046

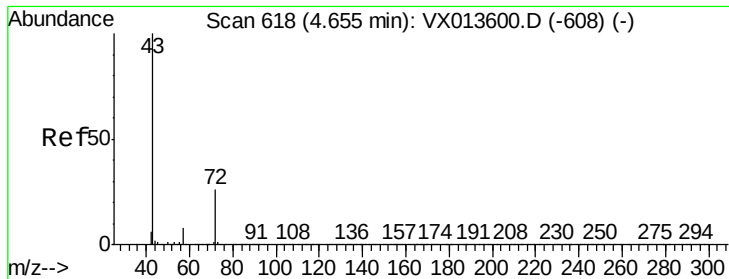
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 5.0 2.1 6.3





#25

2-Butanone

Concen: 249.074 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

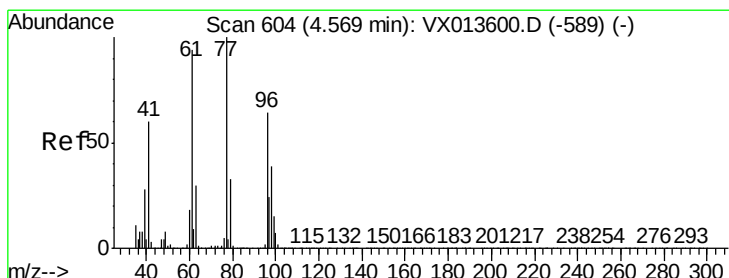
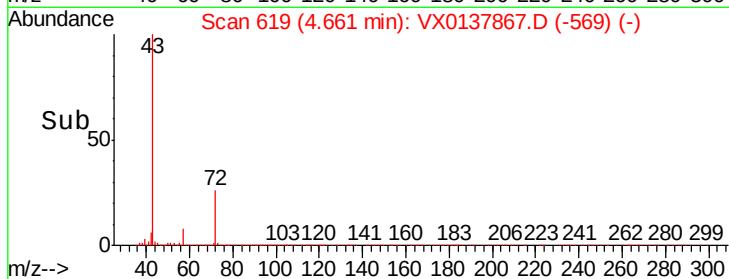
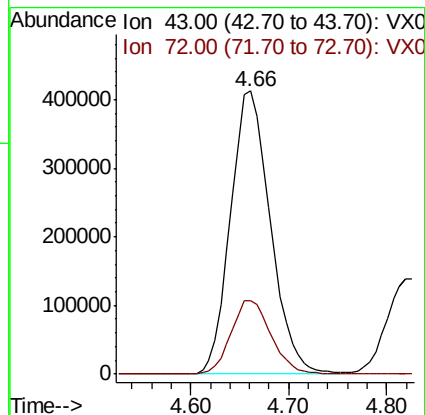
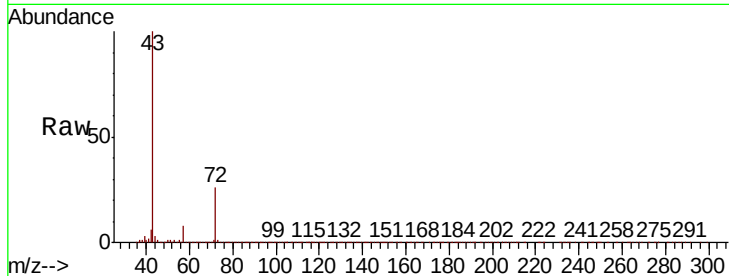
ClientSampleId :

Tot Ion: 43 Resp: 1162554

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 38.410 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX0137867.D

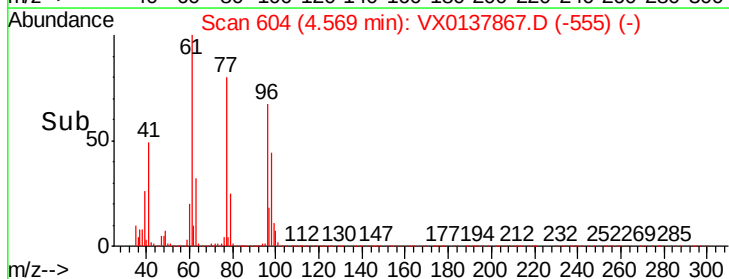
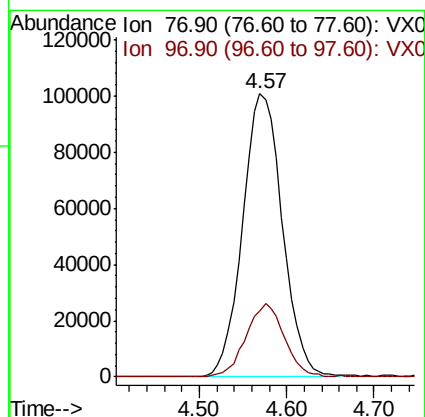
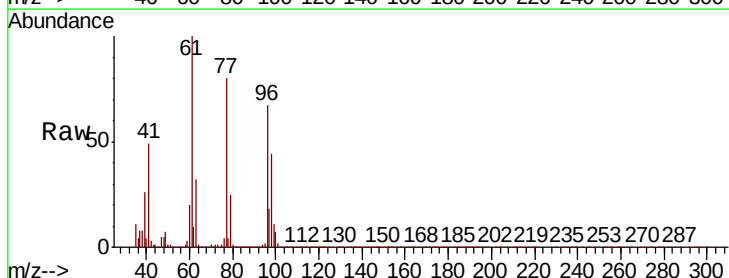
Acq: 09 Dec 2019 21:37

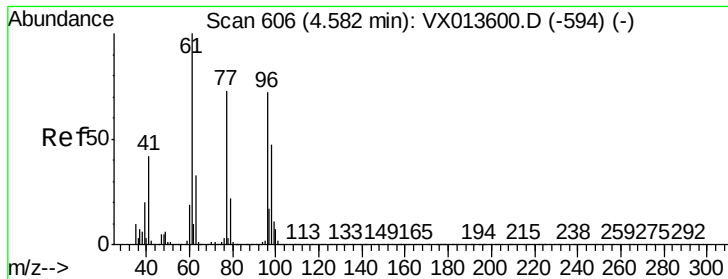
Tgt Ion: 77 Resp: 316598

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1



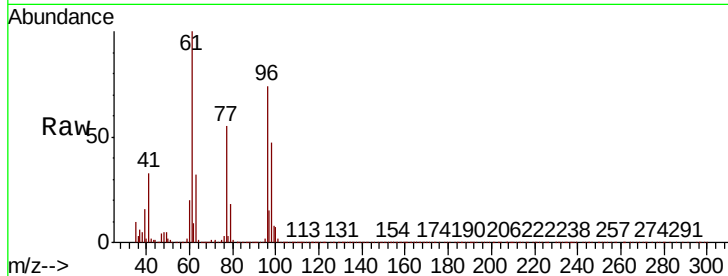


#27

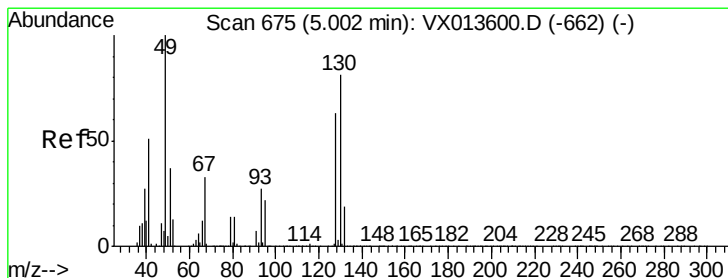
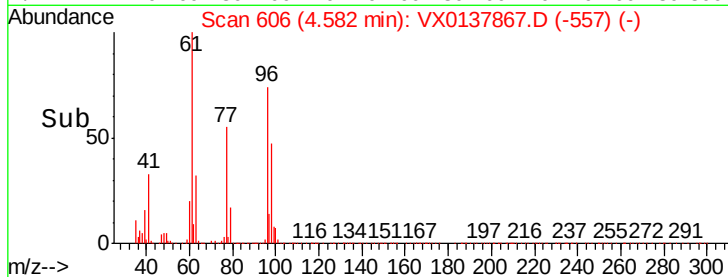
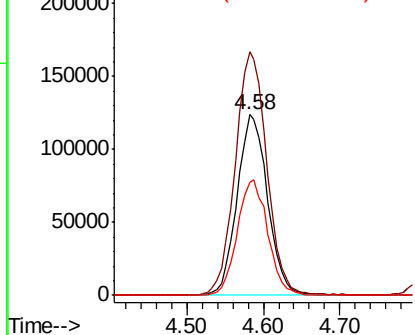
cis-1,2-Dichloroethene
Concen: 52.352 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	286.4
98	63.8	0.0	127.4



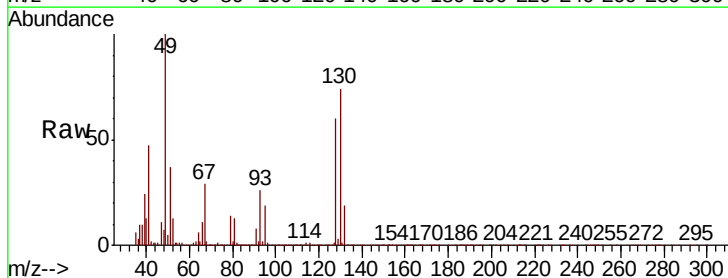
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



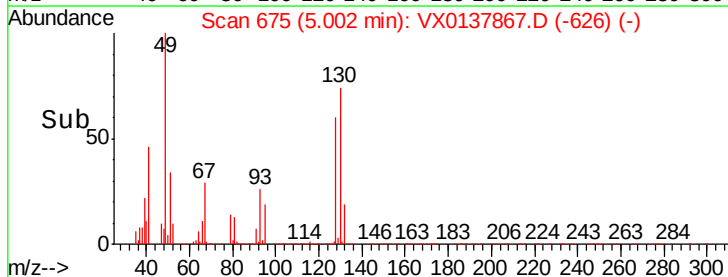
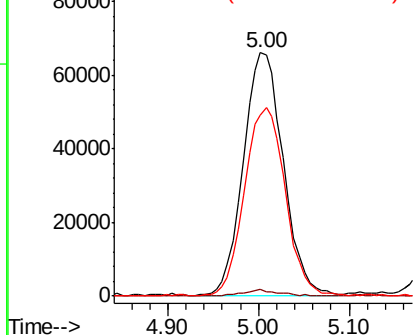
#28

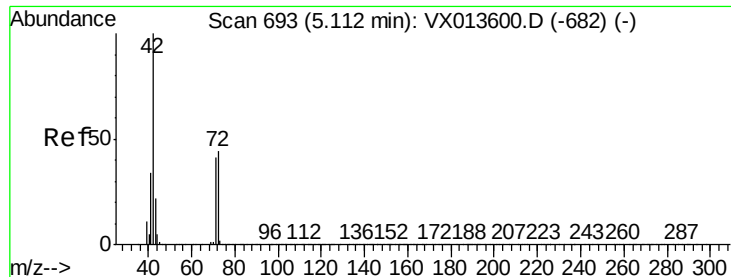
Bromochloromethane
Concen: 51.044 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	78.8	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

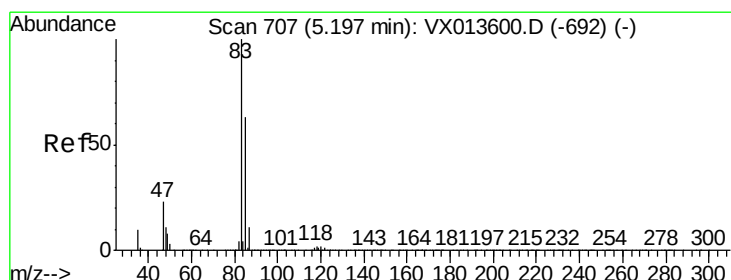
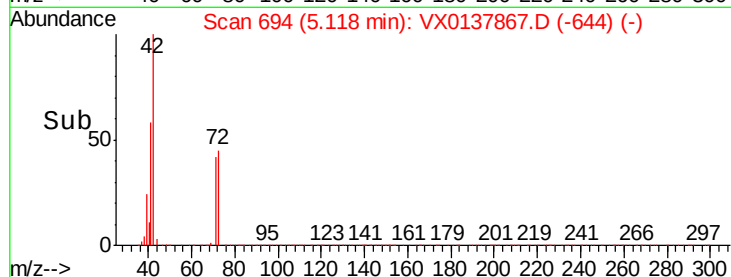
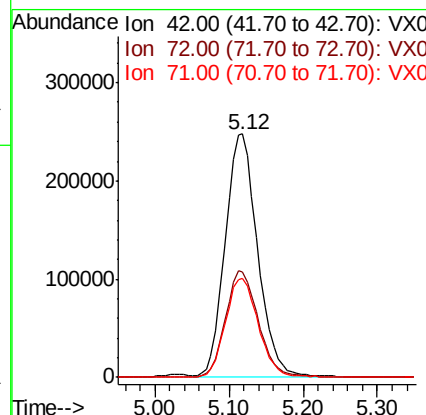
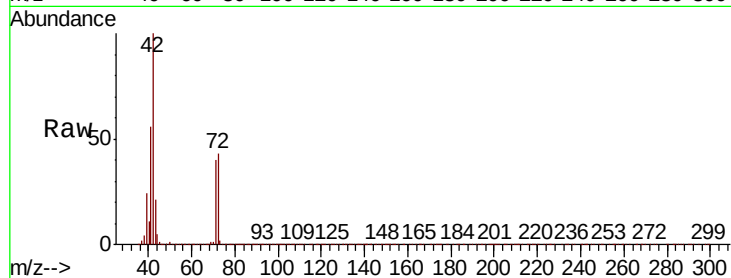




#29
Tetrahydrofuran
Concen: 259.608 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

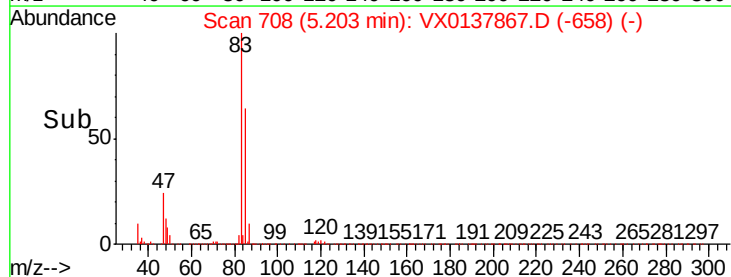
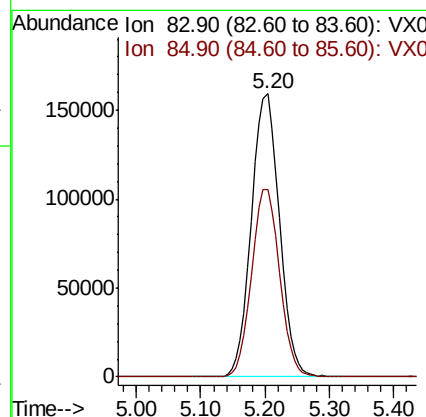
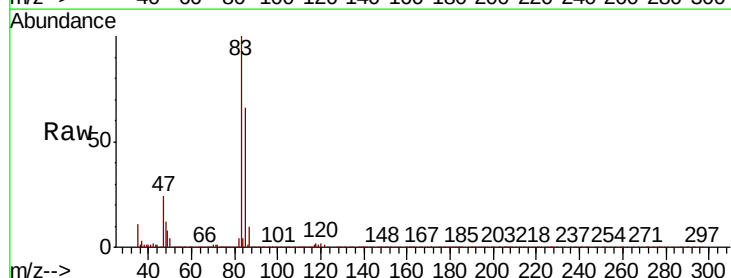
Instrument :
MSVOA_X
ClientSampleId :

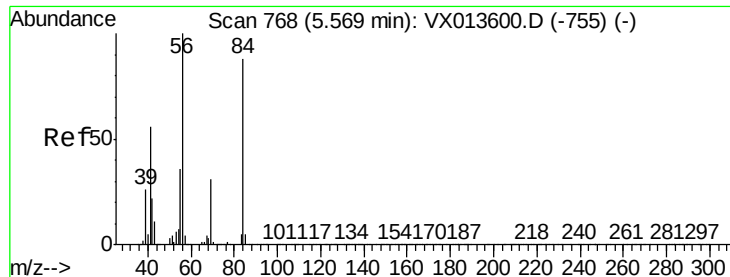
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.3	54.5
71	41.7	33.2	49.8



#30
Chloroform
Concen: 47.013 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.2	75.4





#31

Cyclohexane

Concen: 45.231 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampled :

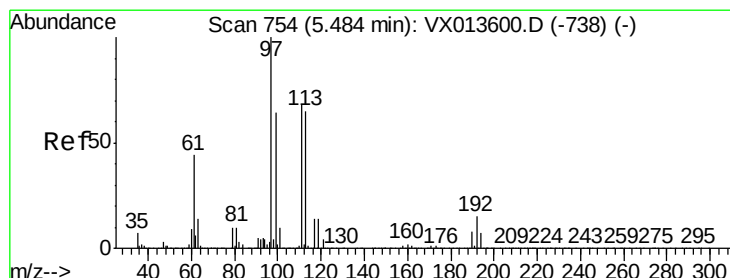
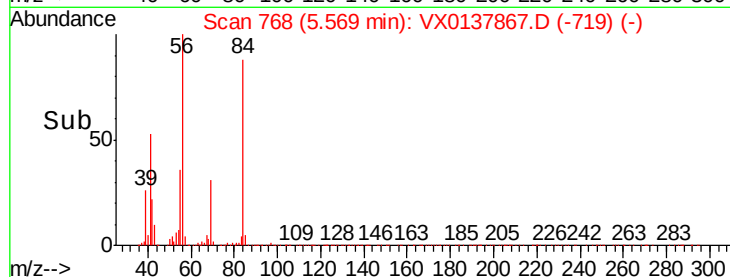
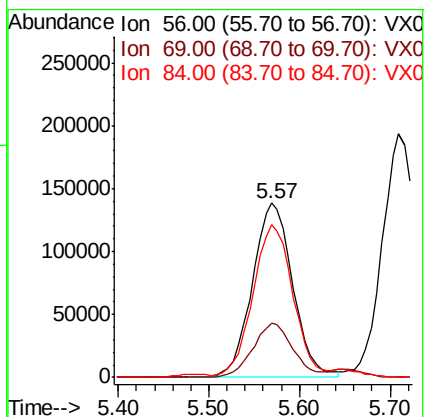
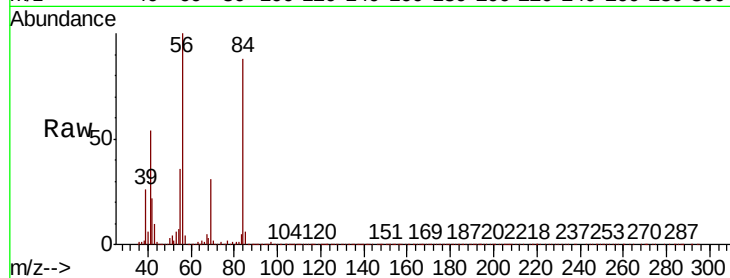
Tot Ion: 56 Resp: 425019

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

84 86.3 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 47.244 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

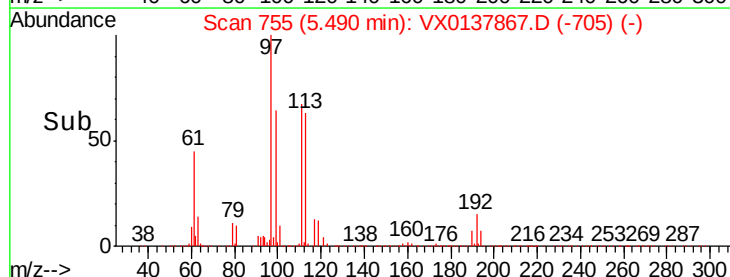
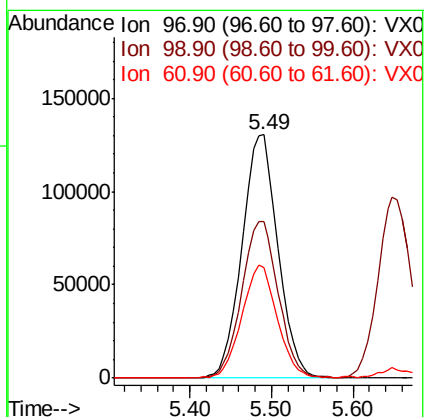
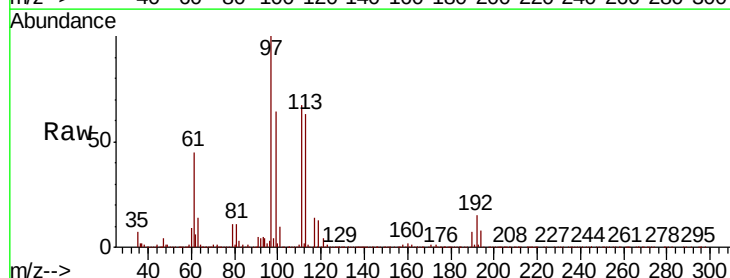
Tgt Ion: 97 Resp: 398886

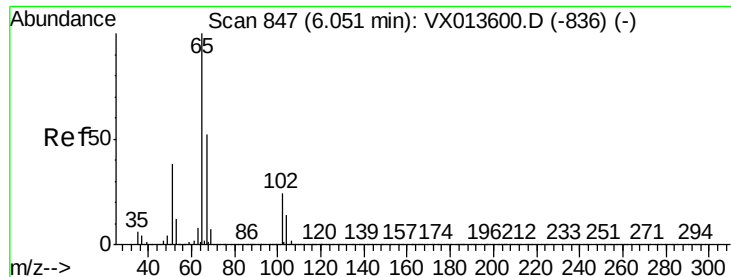
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 45.5 36.1 54.1

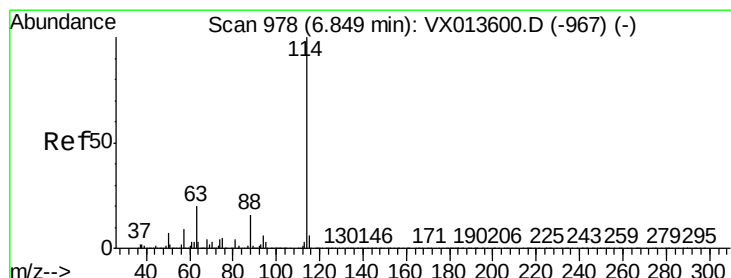
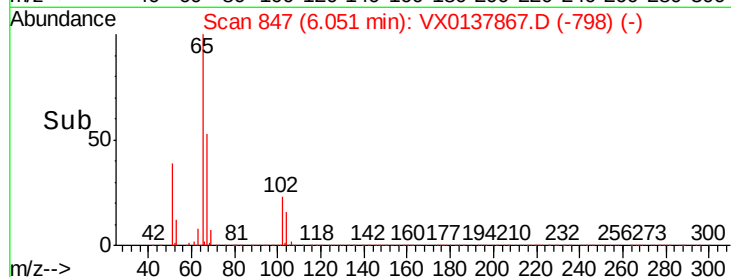
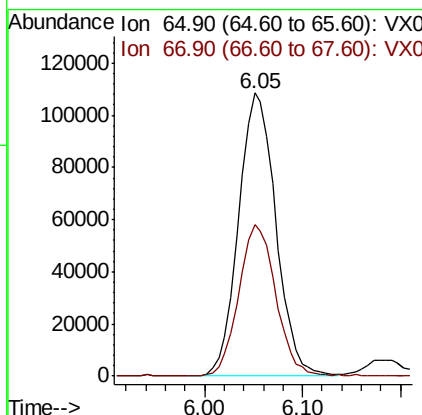
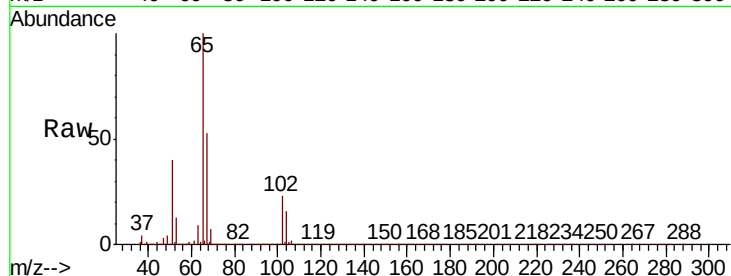




#33
 1,2-Dichloroethane-d4
 Concen: 45.093 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

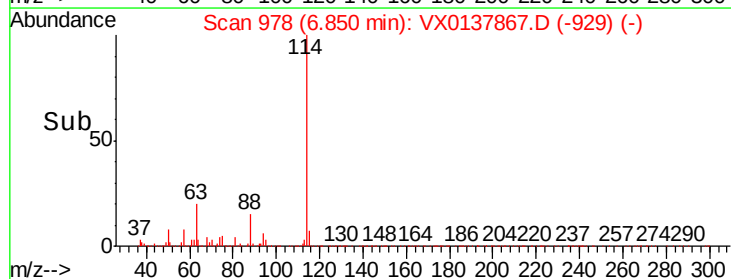
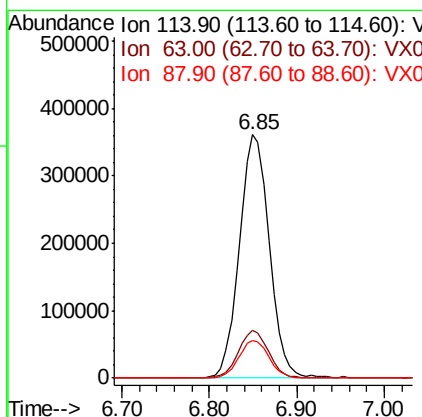
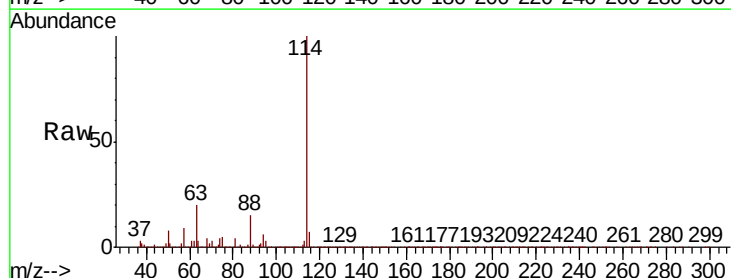
Instrument :
 MSVOA_X
 ClientSampleId :

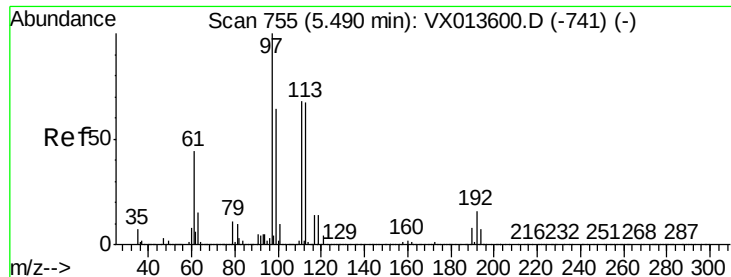
Tot Ion: 65 Resp: 286843
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 114 Resp: 858691
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 15.3 0.0 31.4

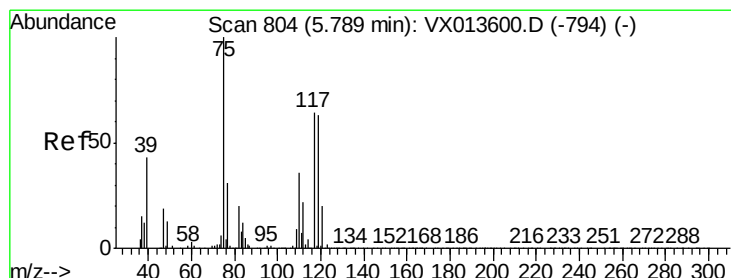
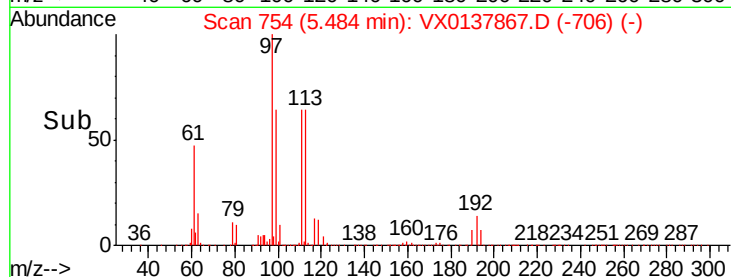
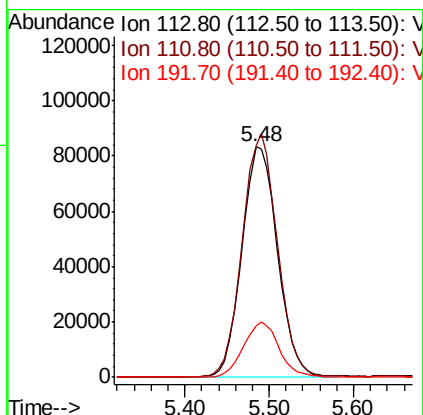
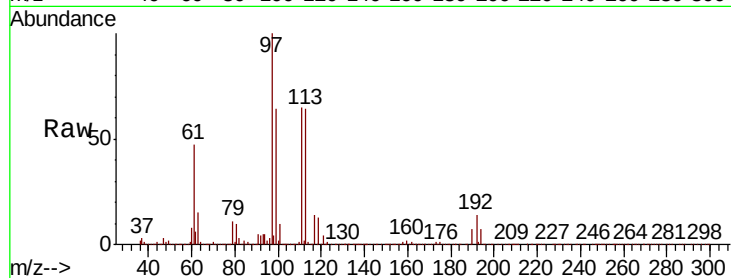




#35
Dibromofluoromethane
Concen: 44.882 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

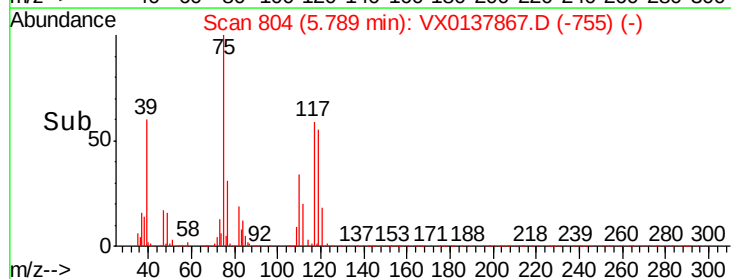
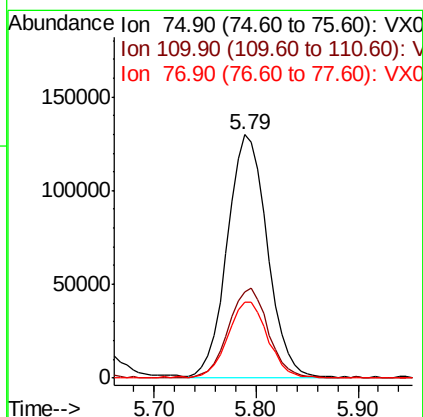
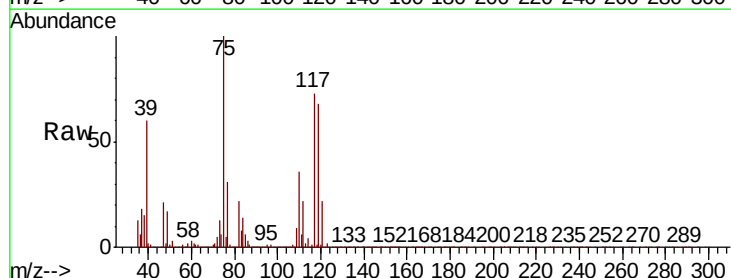
Instrument :
MSVOA_X
ClientSampled :

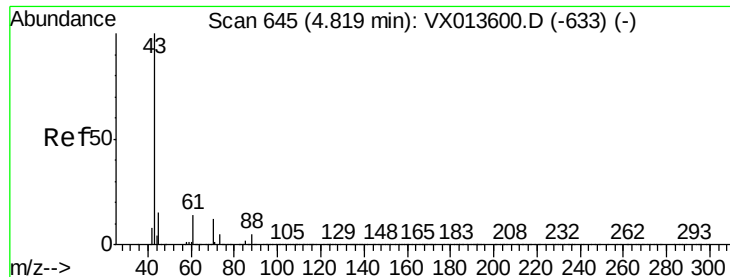
Tot Ion:113 Resp: 238255
Ion Ratio Lower Upper
113 100
111 104.7 83.6 125.4
192 24.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 45.166 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 75 Resp: 352061
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.1
77 30.8 24.5 36.7

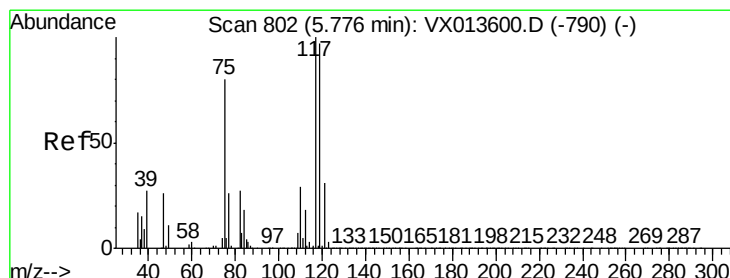
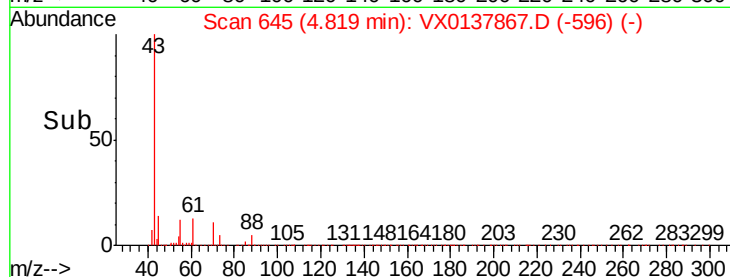
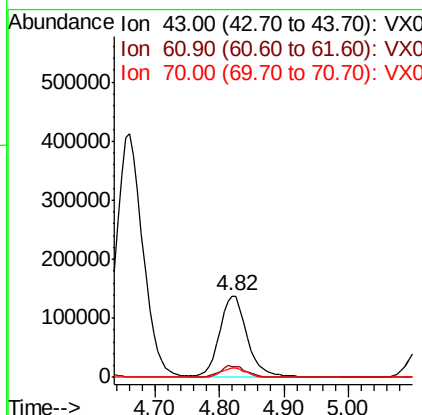
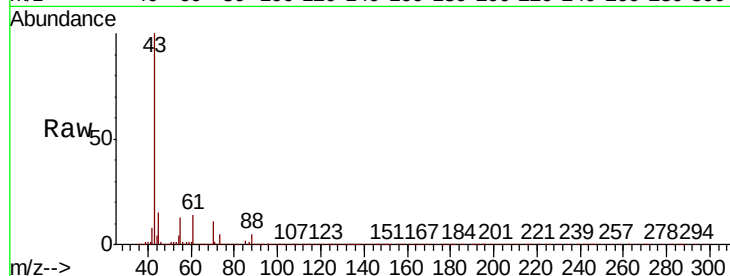




#37
Ethyl Acetate
Concen: 47.227 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

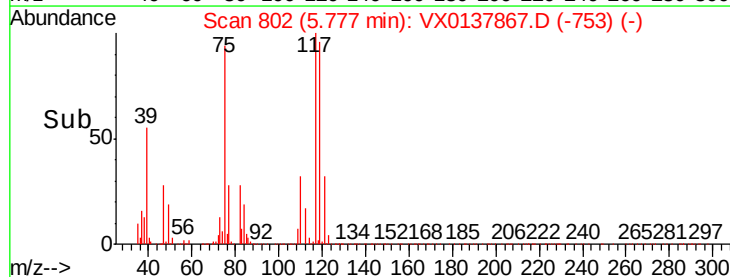
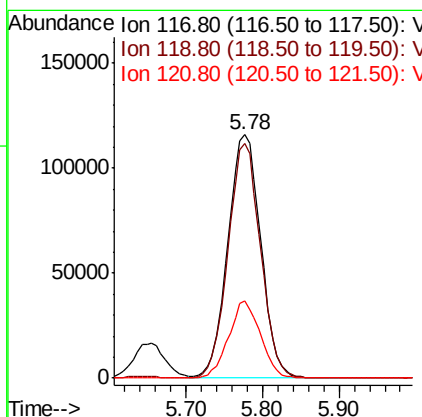
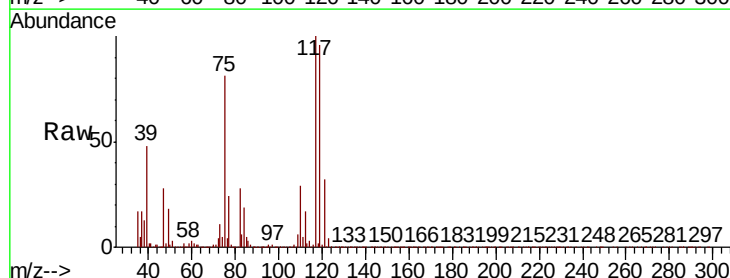
Instrument :
MSVOA_X
ClientSampleId :

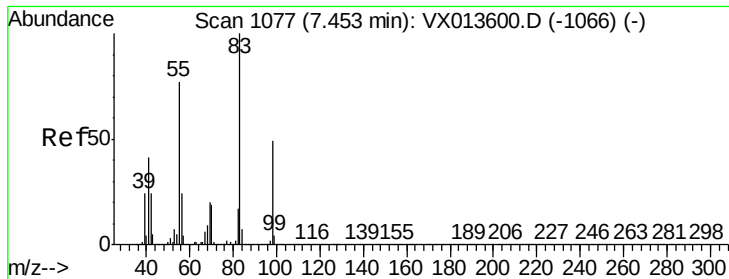
Tot Ion: 43 Resp: 412980
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.7 8.6 12.8



#38
Carbon Tetrachloride
Concen: 47.772 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 117 Resp: 343362
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
121 31.6 25.0 37.6

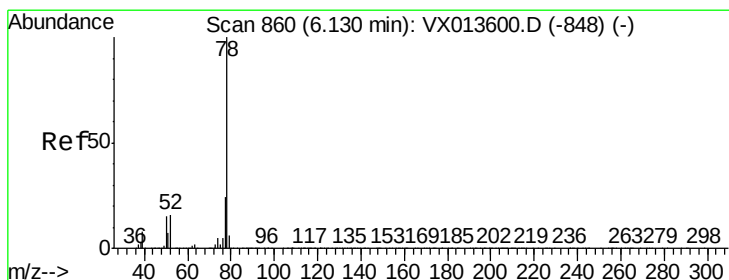
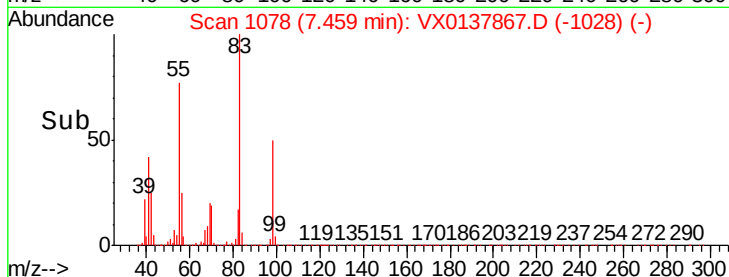
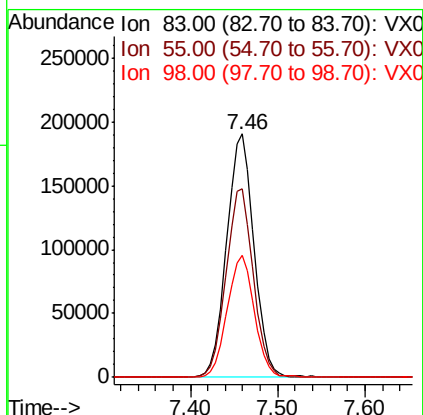
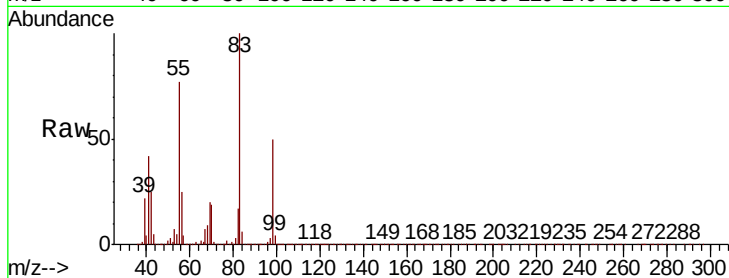




#39
Methylvlcyclohexane
Concen: 42.972 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

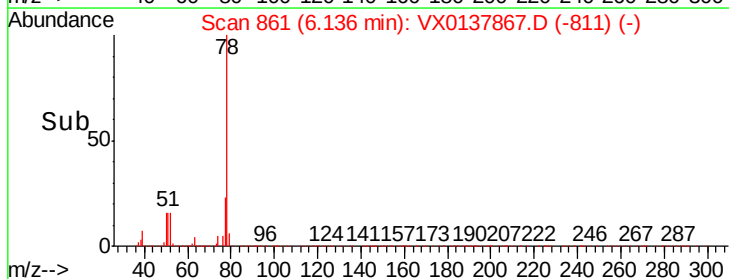
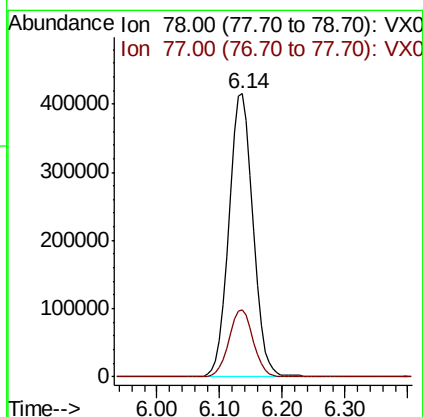
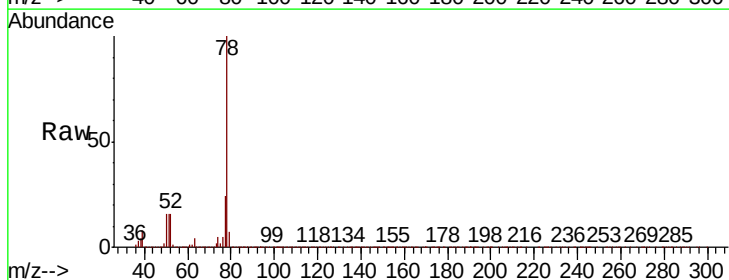
Instrument :
MSVOA_X
ClientSampleId :

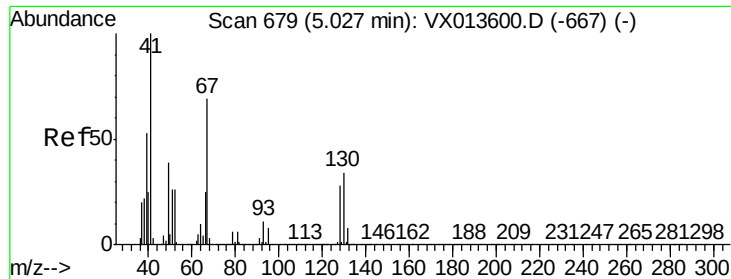
Tot Ion: 83 Resp: 414042
Ion Ratio Lower Upper
83 100
55 77.4 61.9 92.9
98 50.1 39.4 59.0



#40
Benzene
Concen: 46.614 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 78 Resp: 1106631
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

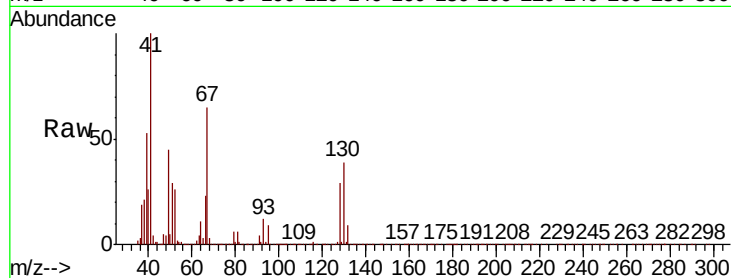




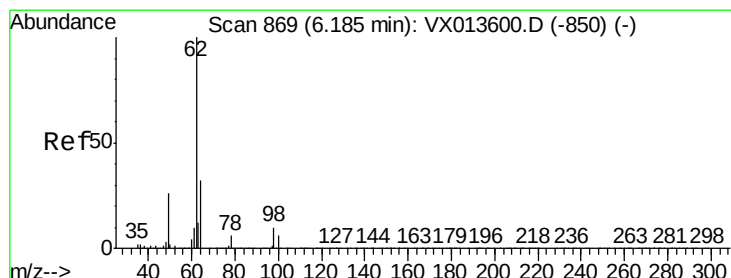
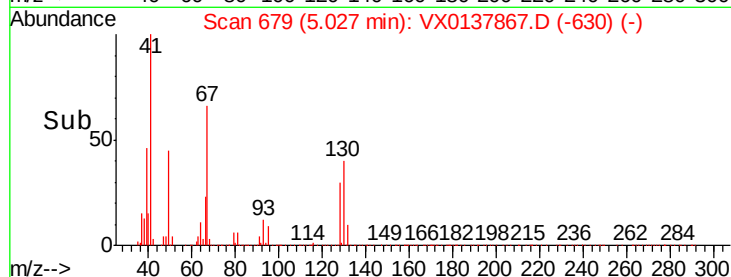
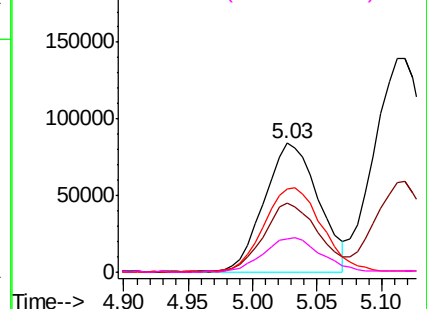
#41
Methacrylonitrile
Concen: 51.628 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	247592
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.9	64.3
67	69.5	57.4	86.0
52	28.2	22.4	33.6

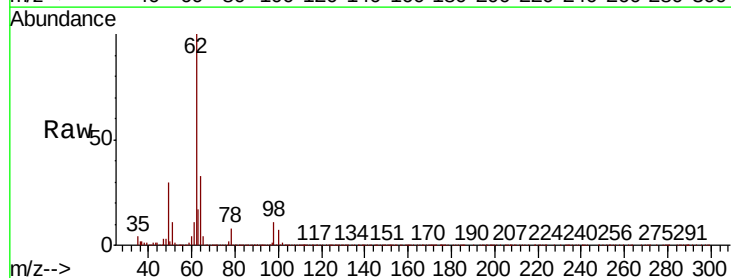


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

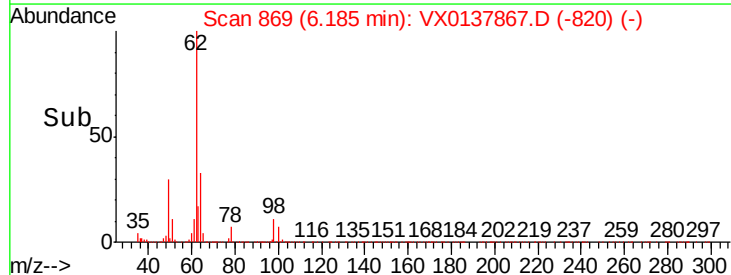
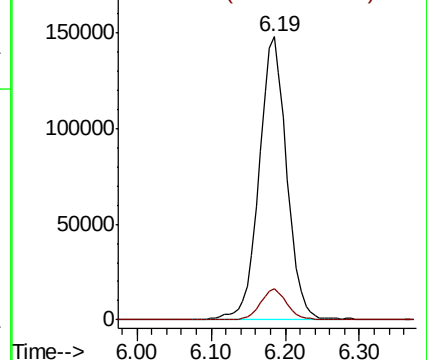


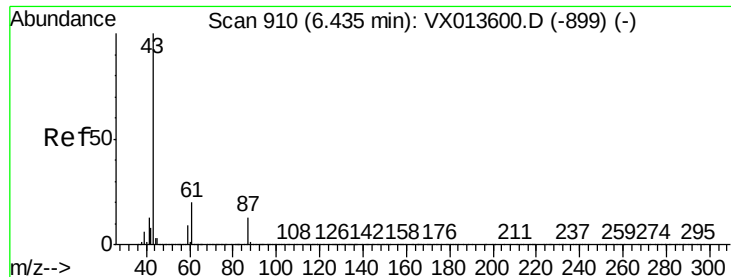
#42
1,2-Dichloroethane
Concen: 47.259 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:	62	Resp:	382627
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 46.610 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

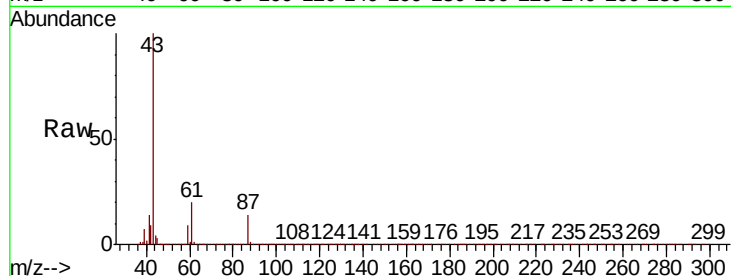
Tot Ion: 43 Resp: 671015

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

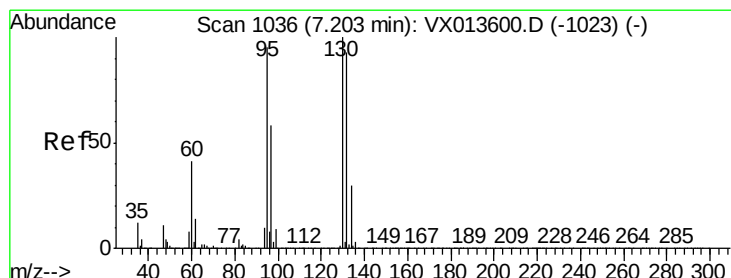
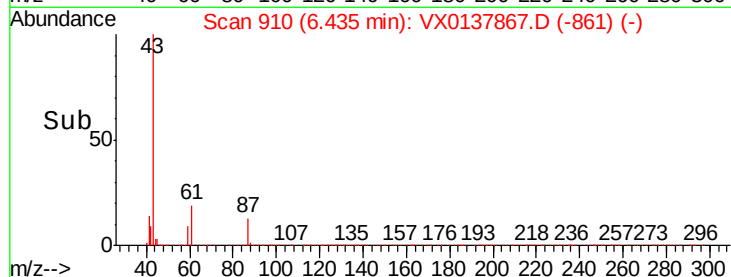
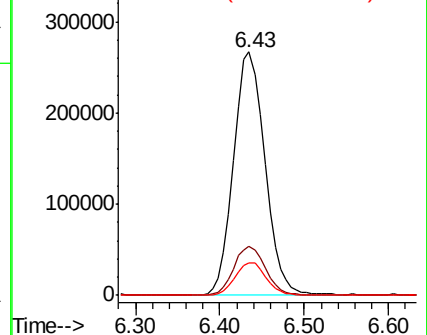
87 13.3 10.8 16.2



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: 158.019 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137867.D

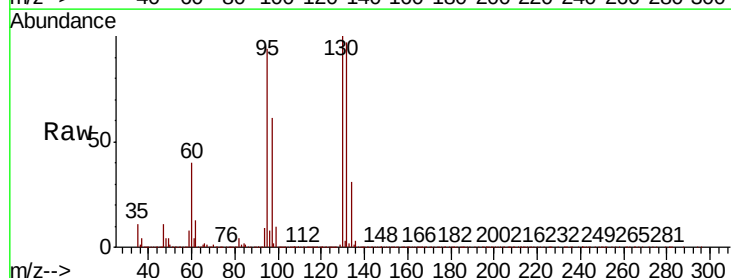
Acq: 09 Dec 2019 21:37

Tgt Ion:130 Resp: 1029563

Ion Ratio Lower Upper

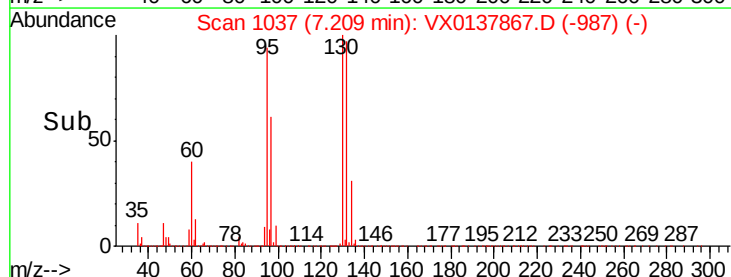
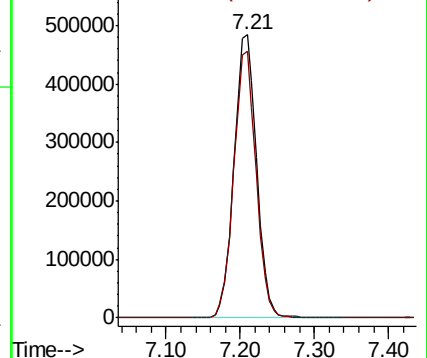
130 100

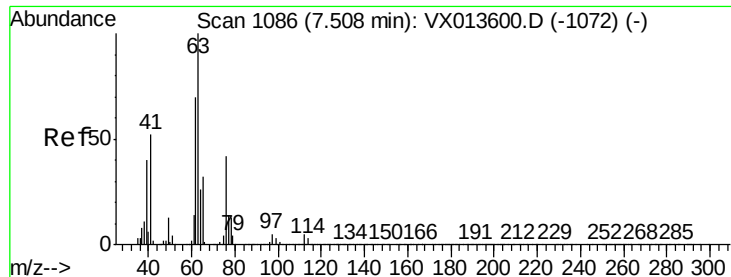
95 94.4 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

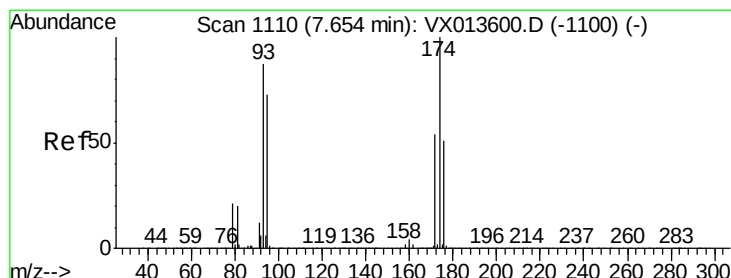
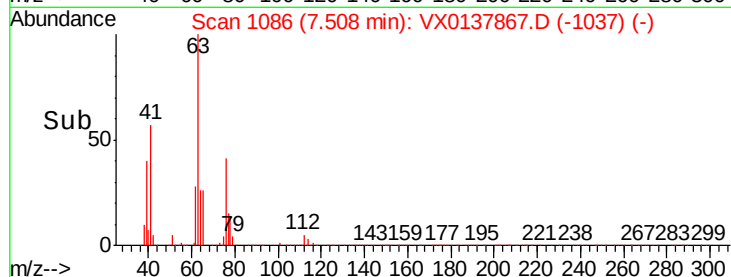
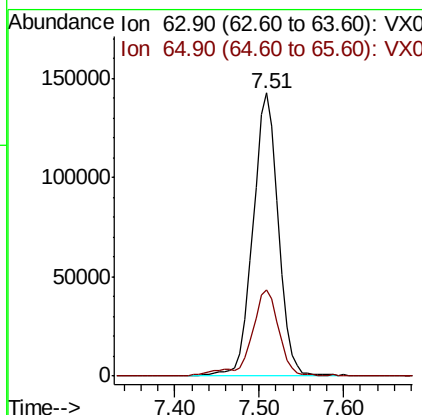
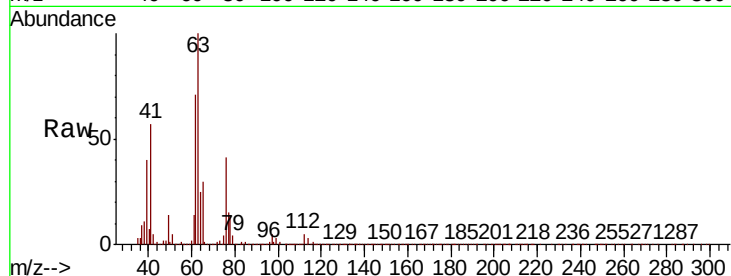




#45
 1,2-Dichloropropane
 Concen: 49.050 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

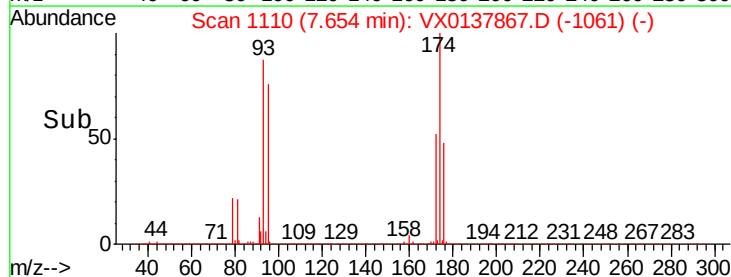
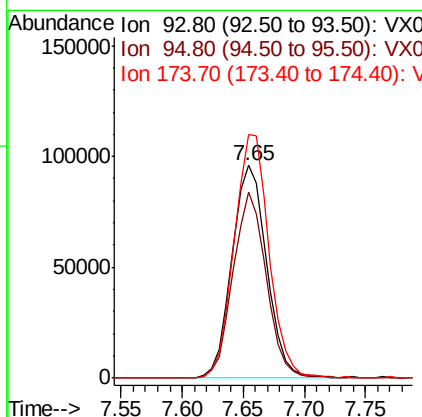
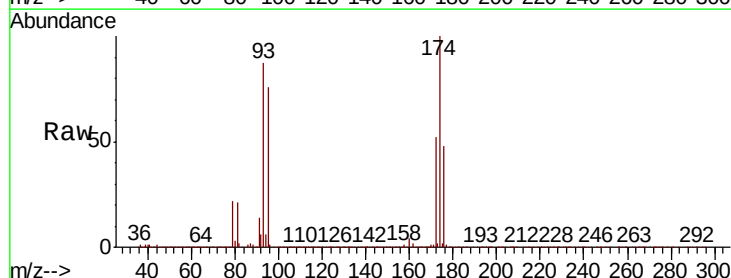
Instrument :
 MSVOA_X
 ClientSampleId :

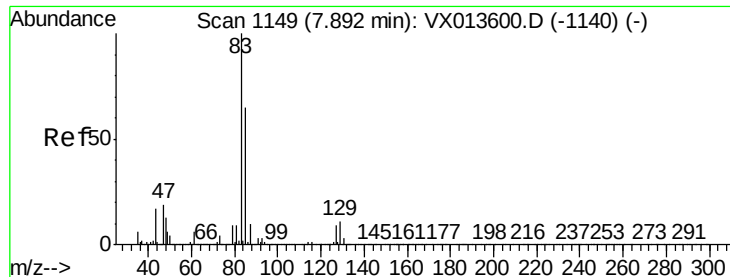
Tot Ion: 63 Resp: 291345
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.5 38.3



#46
 Dibromomethane
 Concen: 46.574 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 93 Resp: 187885
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.2 99.2
 174 115.9 93.4 140.0





#47

Bromodichloromethane

Concen: 48.377 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

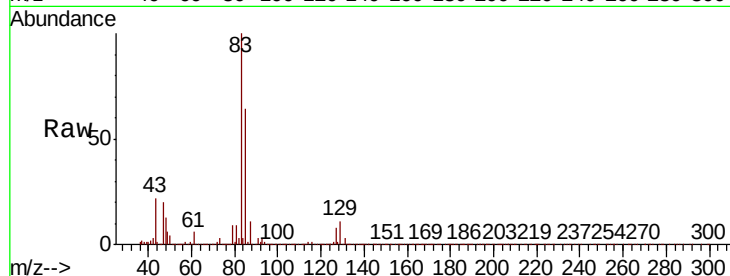
Tot Ion: 83 Resp: 368937

Ion Ratio Lower Upper

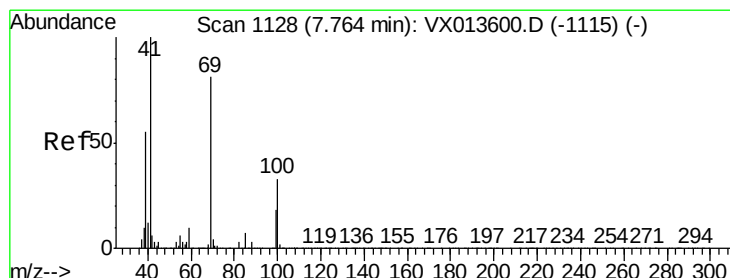
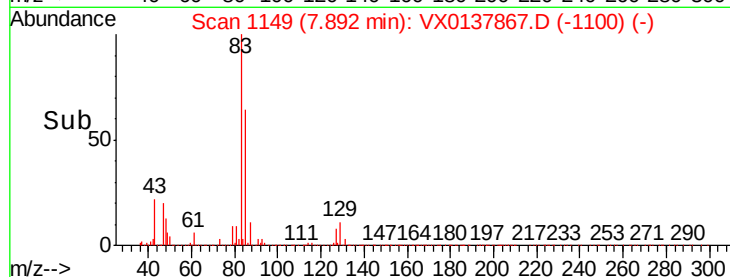
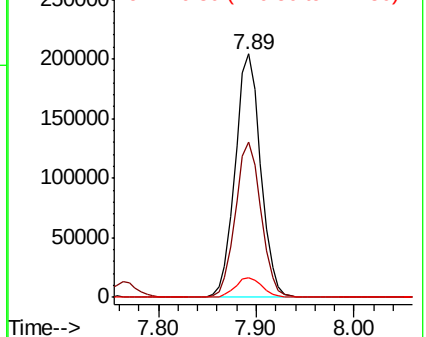
83 100

85 63.7 52.1 78.1

127 8.1 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: 49.963 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

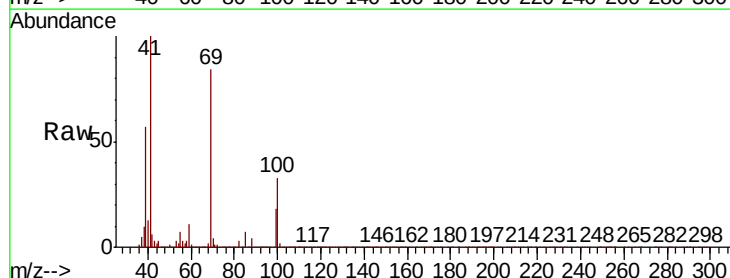
Tgt Ion: 41 Resp: 349480

Ion Ratio Lower Upper

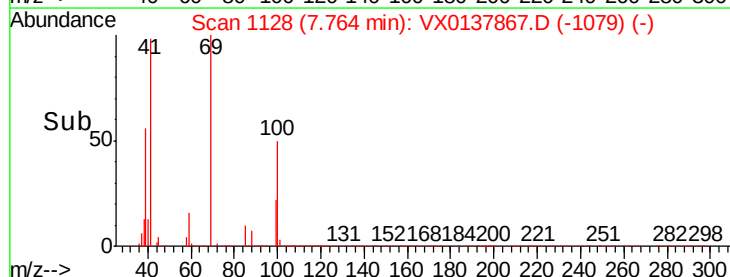
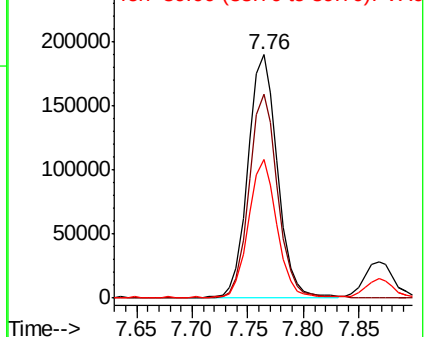
41 100

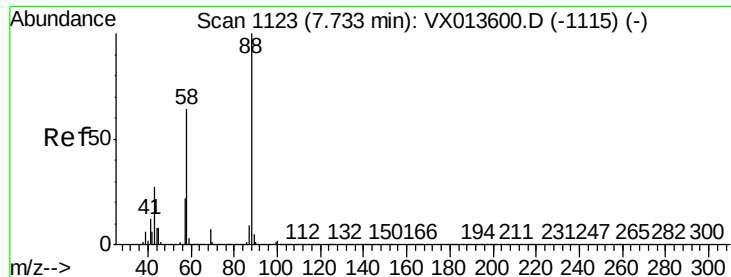
69 81.3 64.7 97.1

39 54.7 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

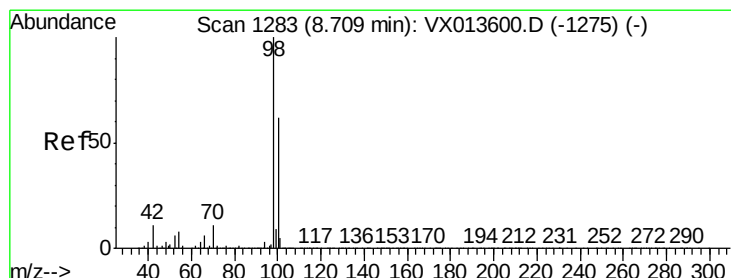
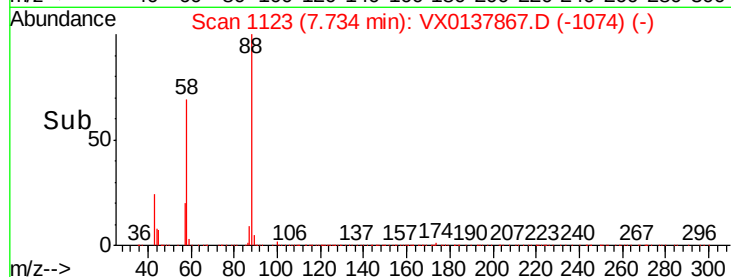
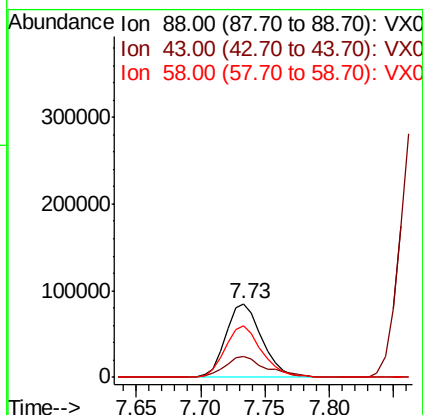
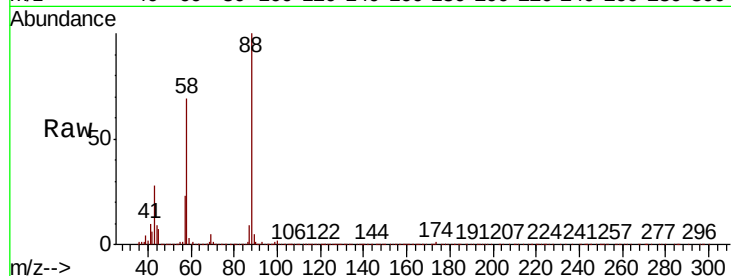




#49
1,4-Dioxane
Concen: 1055.057 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

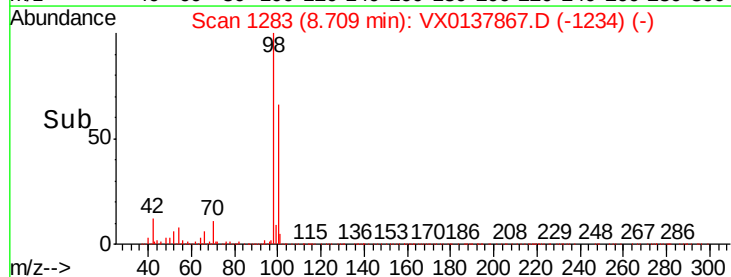
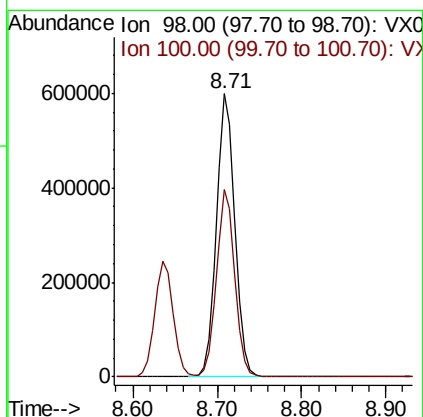
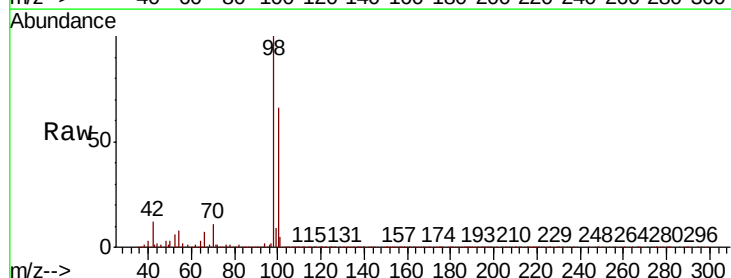
Instrument :
MSVOA_X
ClientSampleId :

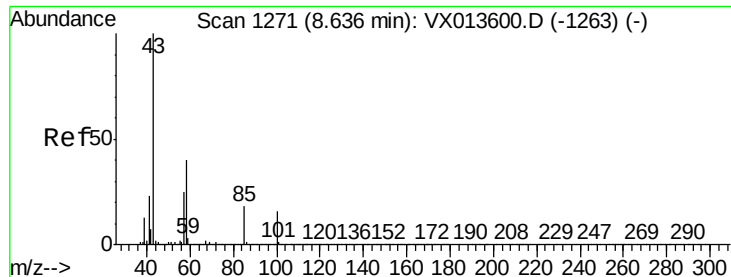
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.8	38.6
58	70.7	54.6	82.0



#50
Toluene-d8
Concen: 43.831 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 253.514 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

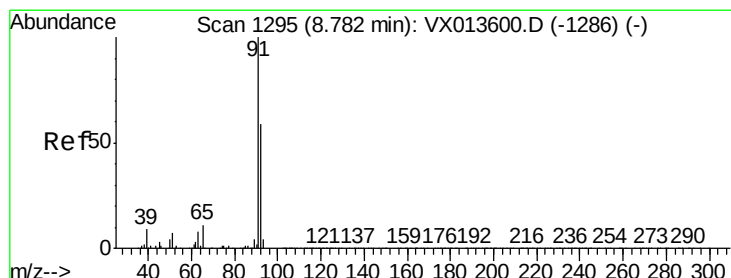
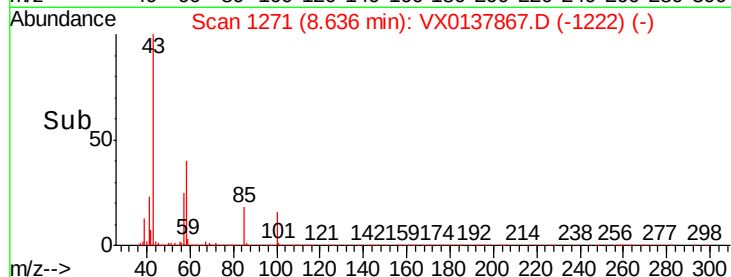
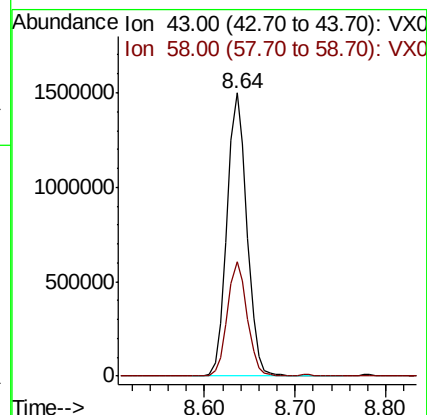
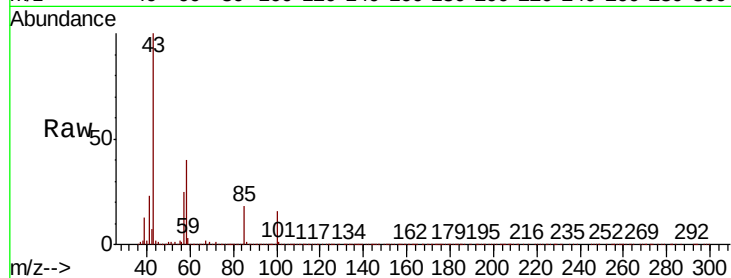
ClientSampleId :

Tot Ion: 43 Resp: 2295717

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 46.617 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX0137867.D

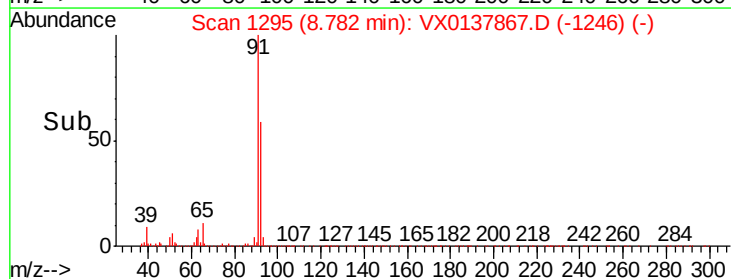
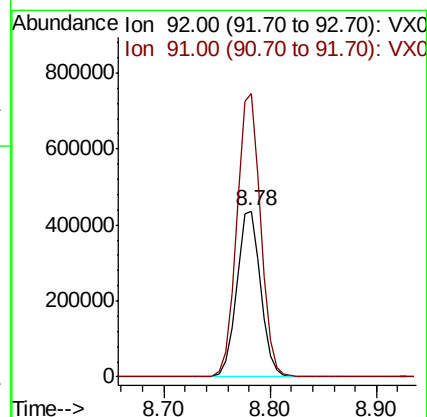
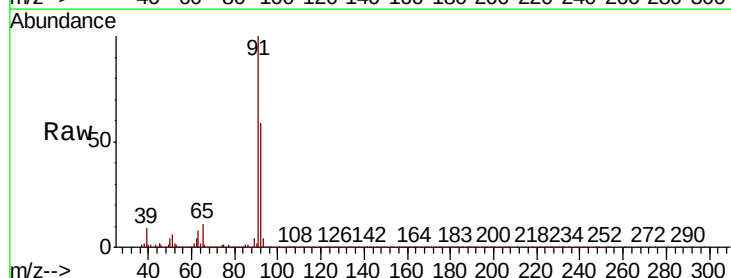
Acq: 09 Dec 2019 21:37

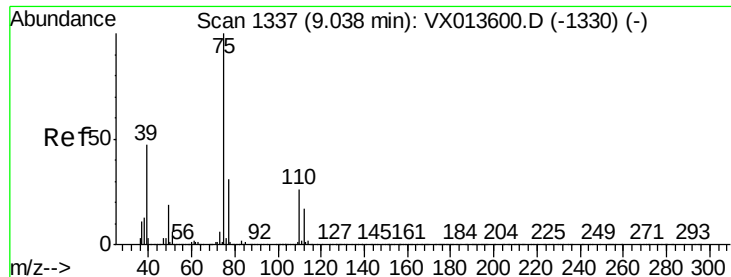
Tgt Ion: 92 Resp: 687531

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 46.083 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

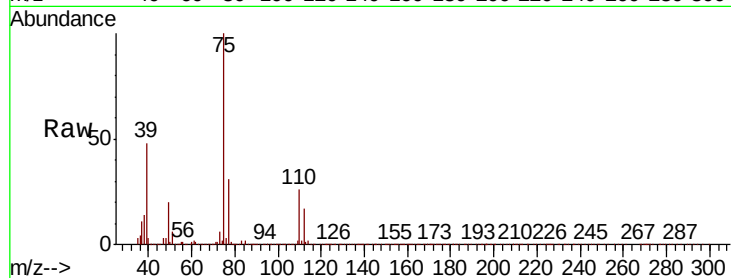
ClientSampled :

Tot Ion: 75 Resp: 400034

Ion Ratio Lower Upper

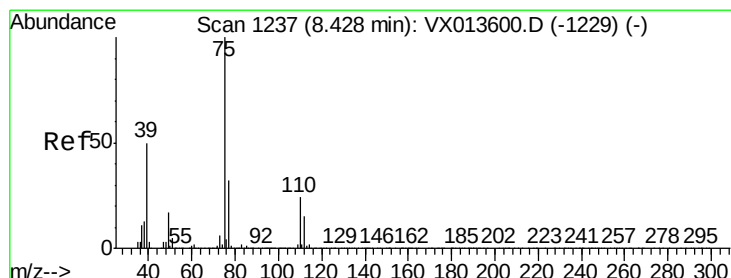
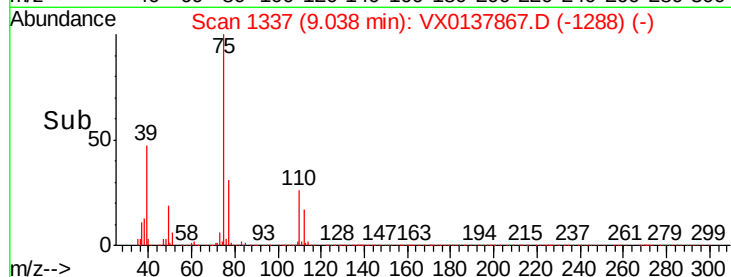
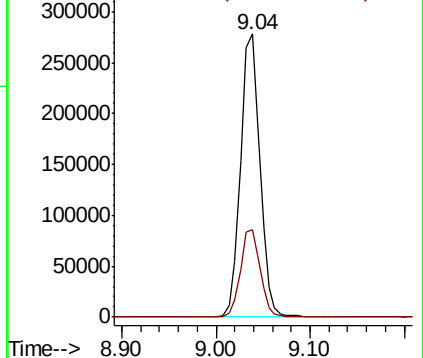
75 100

77 31.0 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.205 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

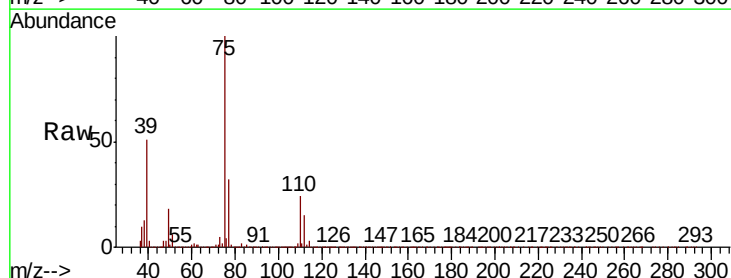
Tgt Ion: 75 Resp: 438201

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

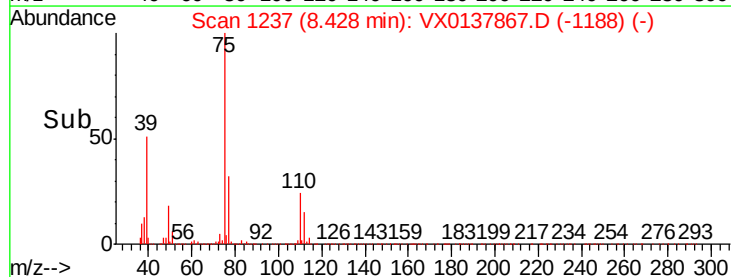
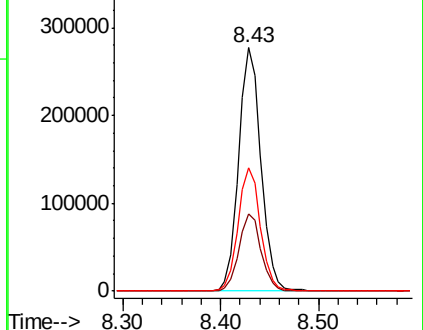
39 50.7 39.9 59.9

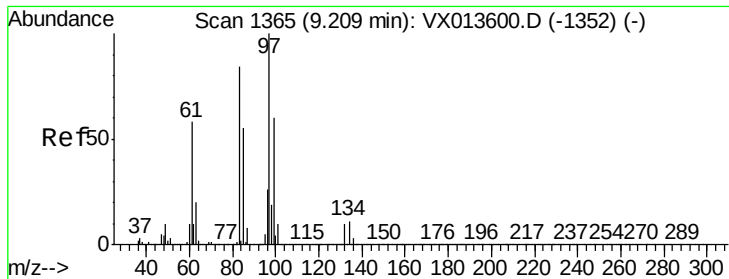


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 48.566 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 288645

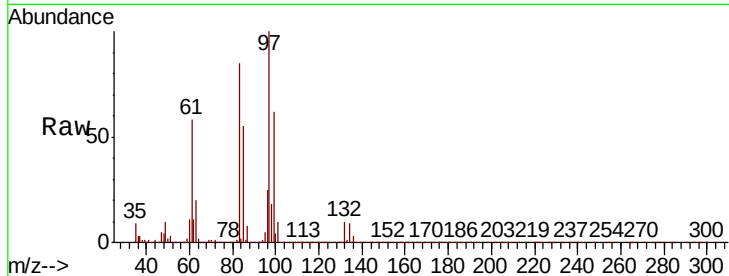
Ion Ratio Lower Upper

97 100

83 84.8 67.3 100.9

85 54.5 43.6 65.4

99 61.8 48.2 72.4

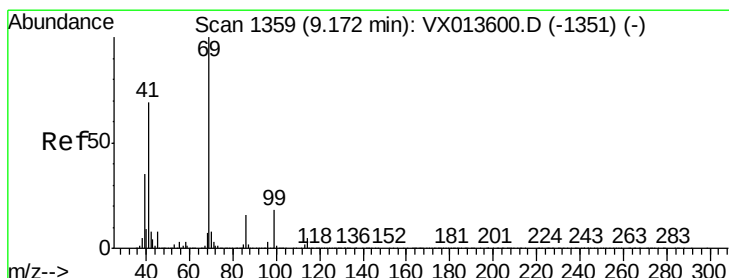
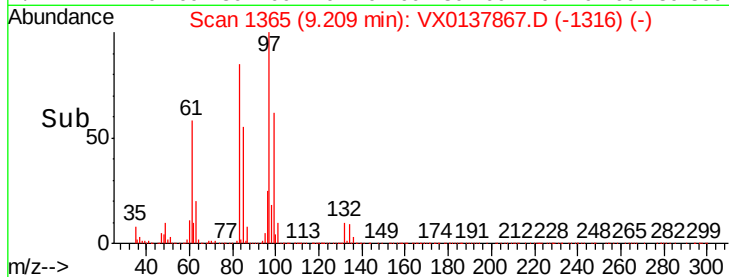
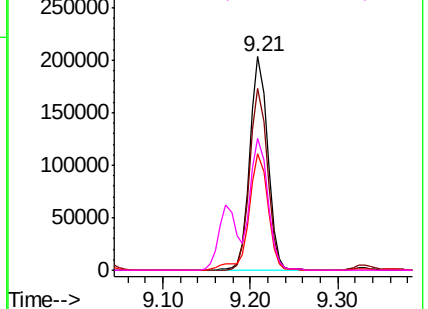


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.954 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

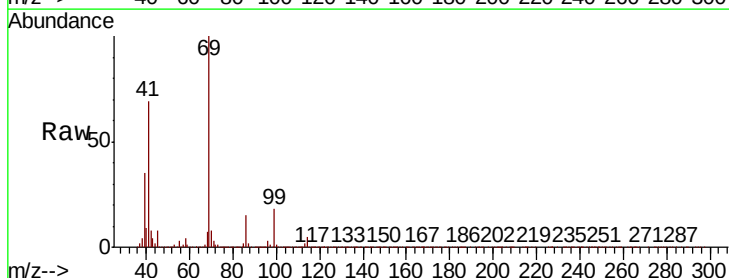
Tgt Ion: 69 Resp: 467776

Ion Ratio Lower Upper

69 100

41 68.3 55.0 82.4

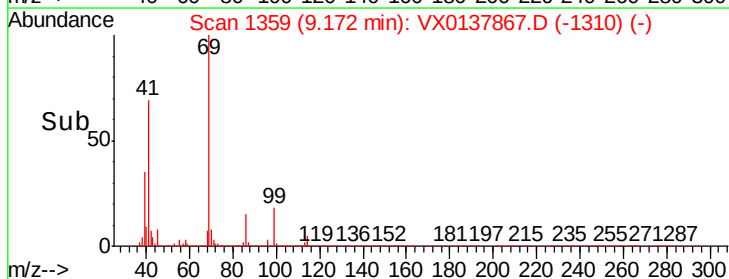
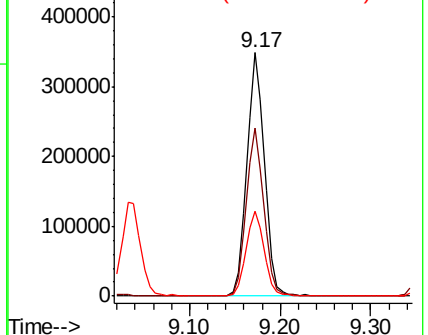
39 35.5 28.7 43.1

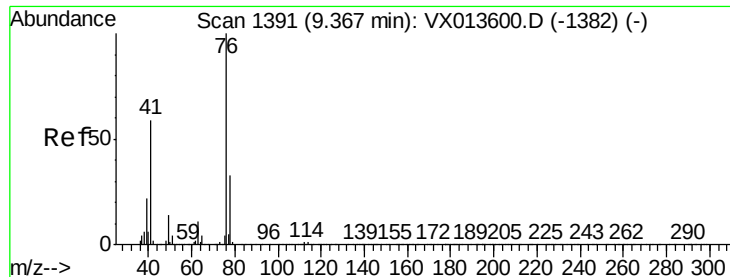


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.236 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

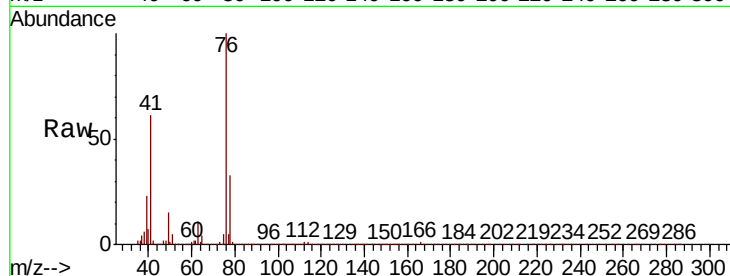
ClientSampleId :

Tot Ion: 76 Resp: 483904

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

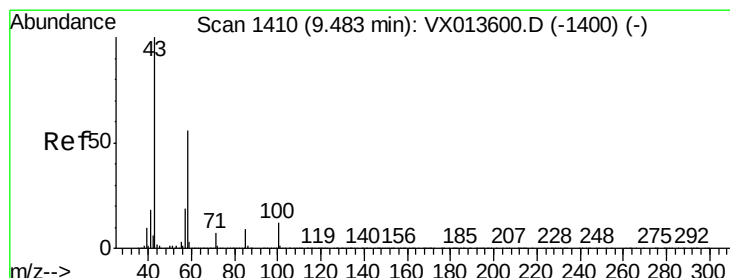
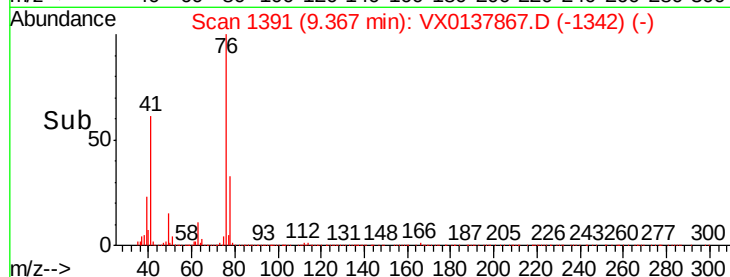
300000

200000

100000

0

Time-->



#59

2-Hexanone

Concen: 252.434 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX0137867.D

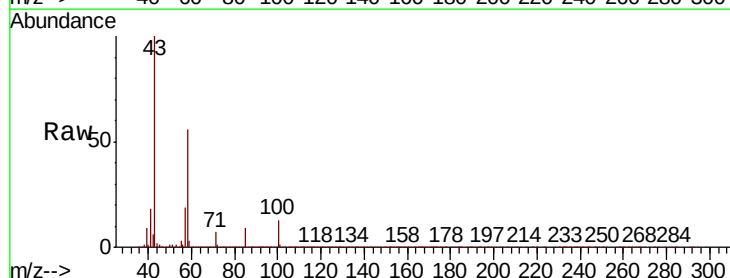
Acq: 09 Dec 2019 21:37

Tgt Ion: 43 Resp: 1782864

Ion Ratio Lower Upper

43 100

58 55.1 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

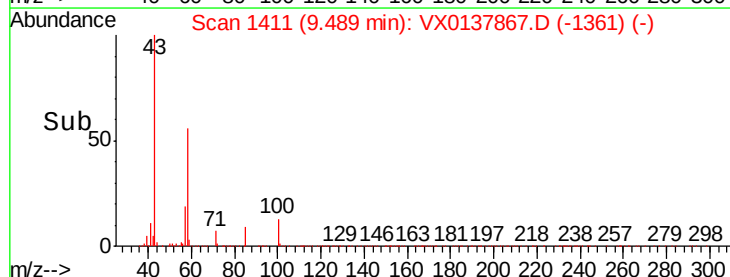
1500000

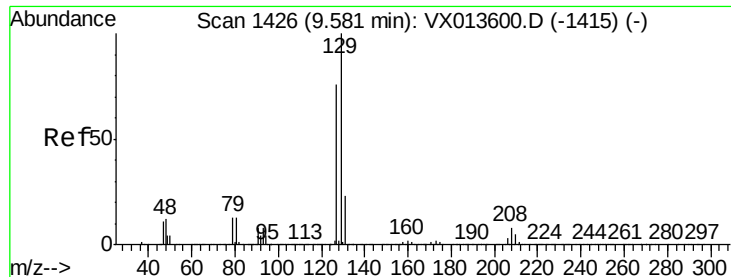
1000000

500000

0

Time-->





#60

Dibromochloromethane

Concen: 47.928 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

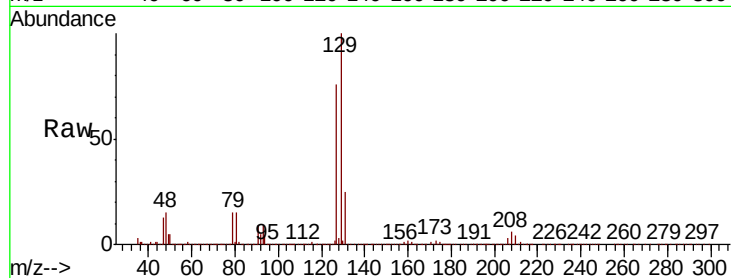
ClientSampleId :

Tot Ion:129 Resp: 295614

Ion Ratio Lower Upper

129 100

127 78.6 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

200000

150000

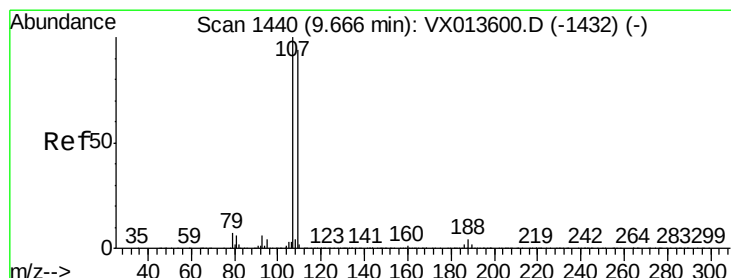
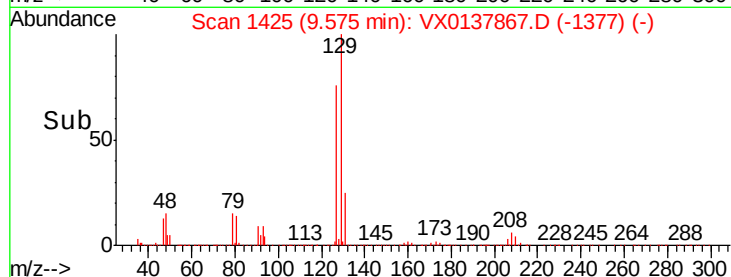
100000

50000

0

Time-->

9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 46.871 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX0137867.D

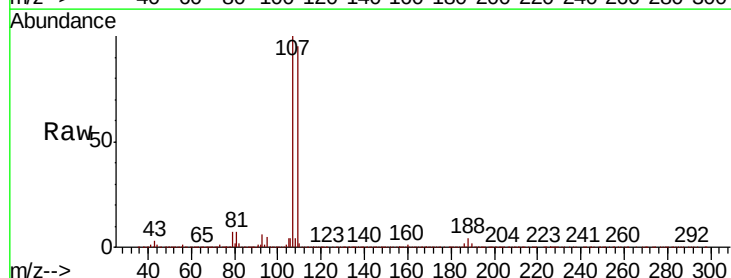
Acq: 09 Dec 2019 21:37

Tgt Ion:107 Resp: 297522

Ion Ratio Lower Upper

107 100

109 94.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

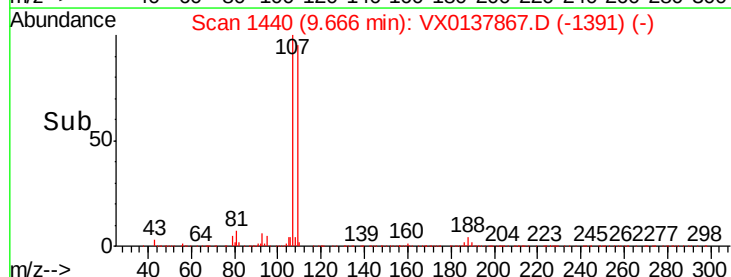
100000

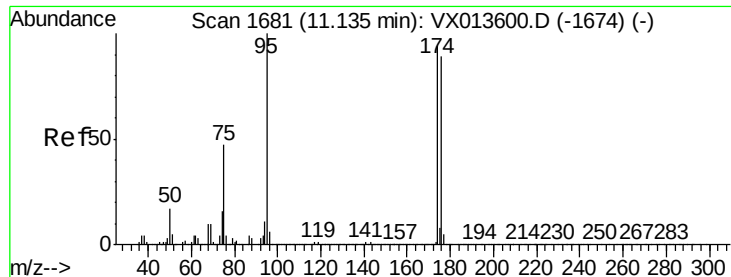
50000

0

Time-->

9.60 9.65 9.70 9.75

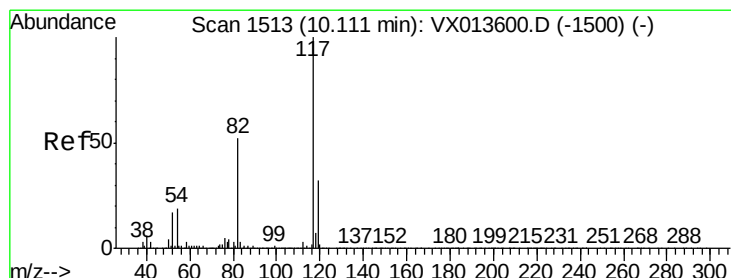
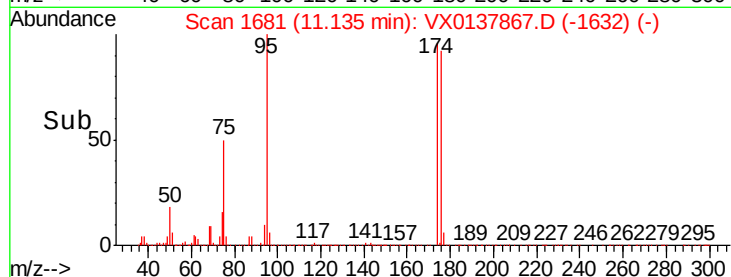
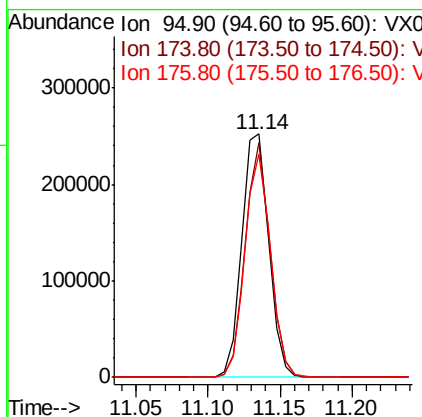
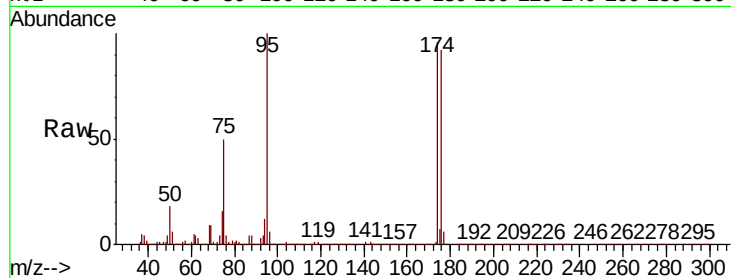




#62
4-Bromofluorobenzene
Concen: 43.740 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

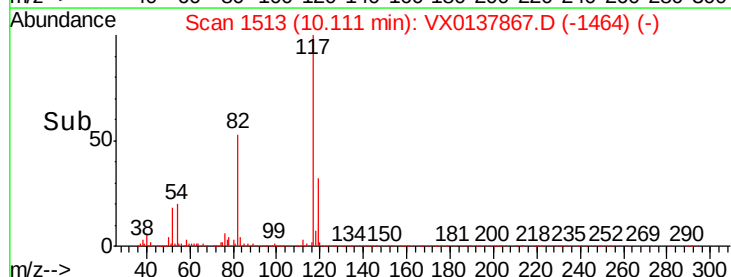
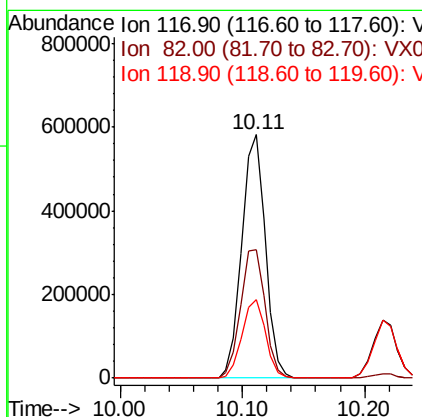
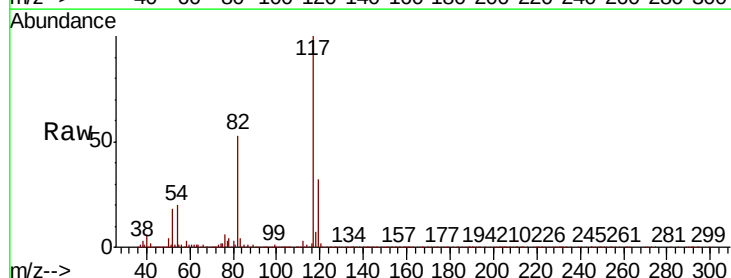
Instrument :
MSVOA_X
ClientSampleId :

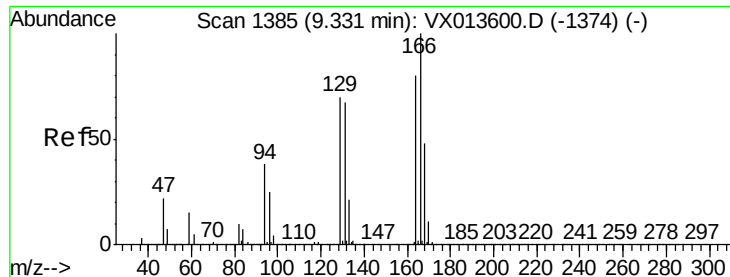
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.0
176	87.3	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	32.2	25.8	38.8





#64

Tetrachloroethene

Concen: 58.684 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 339793

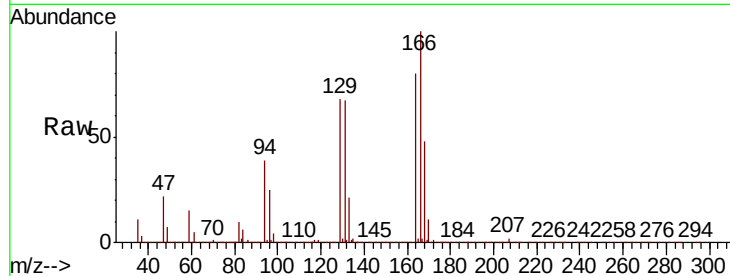
Ion Ratio Lower Upper

164 100

166 125.0 99.7 149.5

129 84.8 70.1 105.1

131 83.8 66.9 100.3

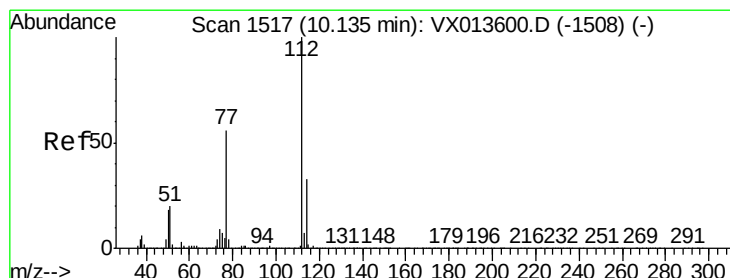
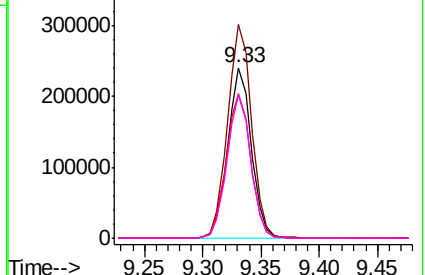
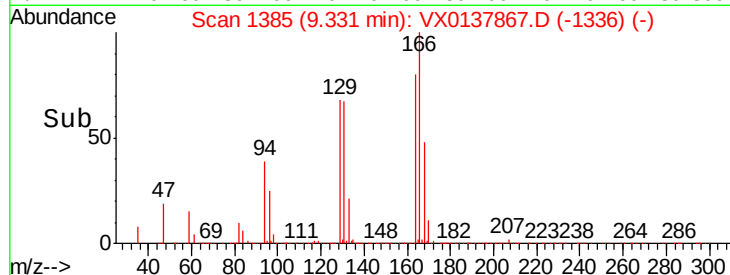


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 46.220 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX0137867.D

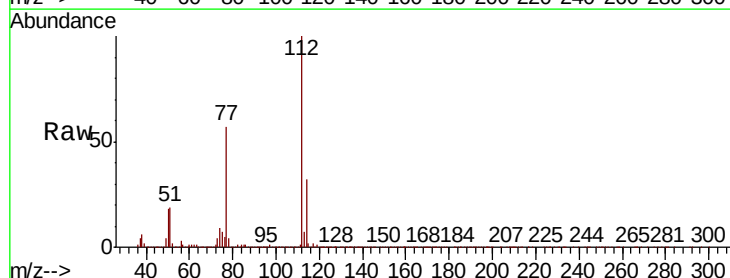
Acq: 09 Dec 2019 21:37

Tgt Ion:112 Resp: 745089

Ion Ratio Lower Upper

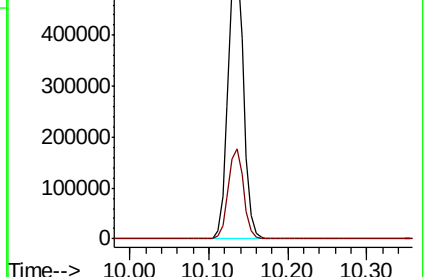
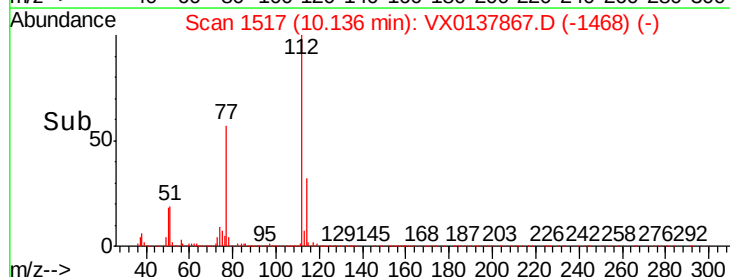
112 100

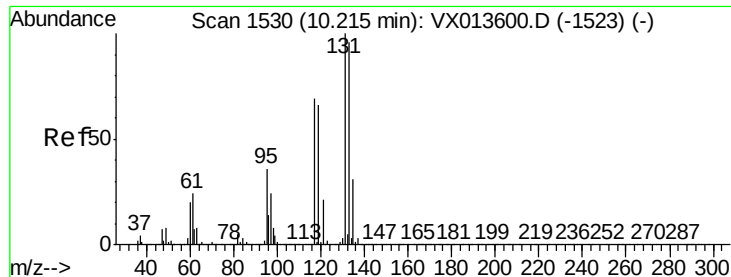
114 31.9 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 47.910 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

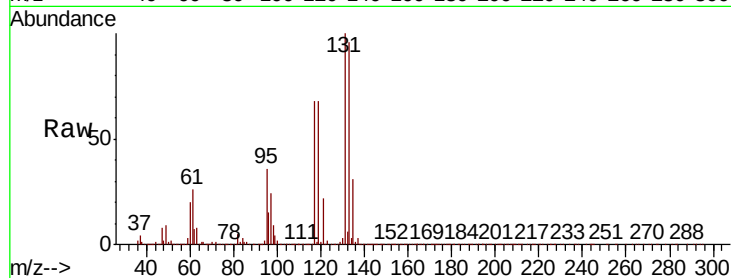
Tot Ion:131 Resp: 277335

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

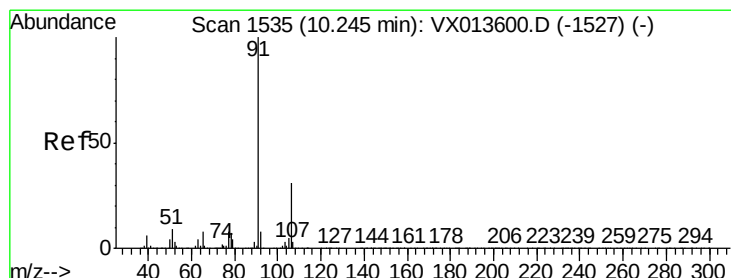
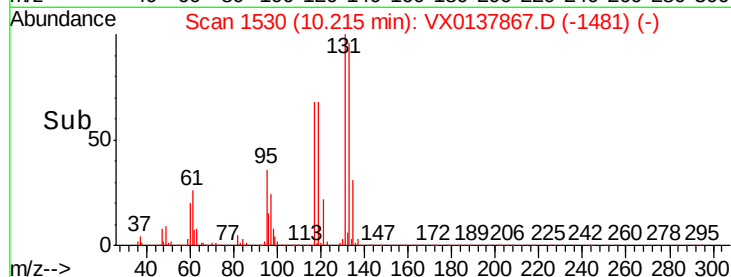
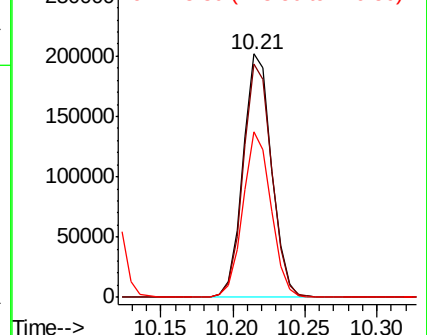
119 66.4 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 46.974 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX0137867.D

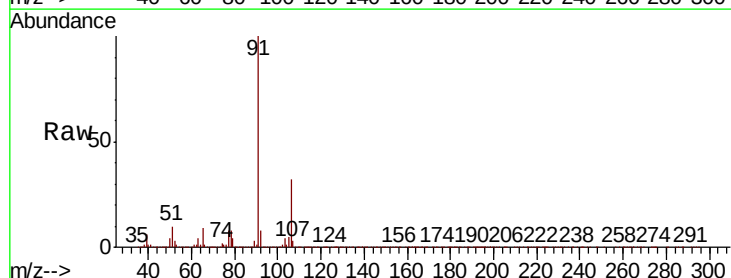
Acq: 09 Dec 2019 21:37

Tgt Ion: 91 Resp: 1301237

Ion Ratio Lower Upper

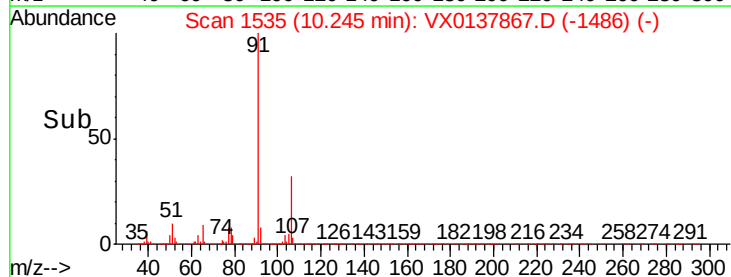
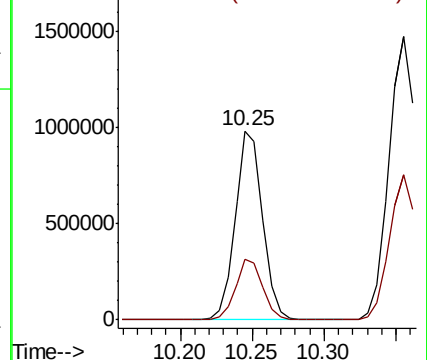
91 100

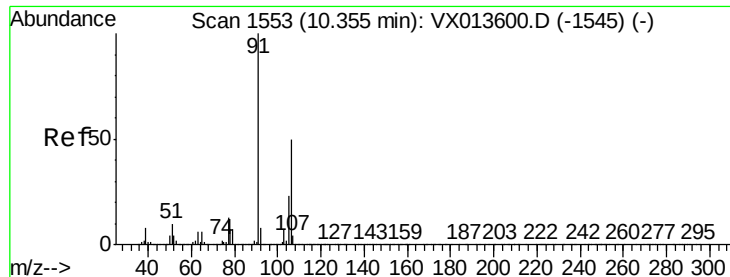
106 31.9 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 93.710 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

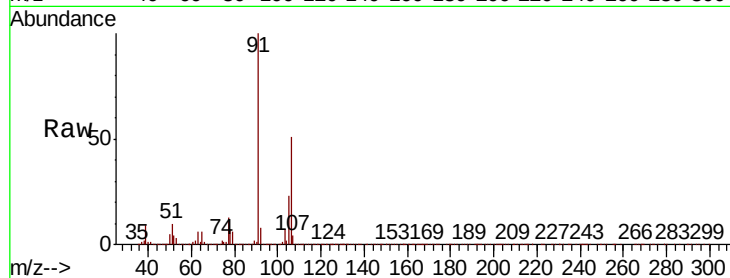
ClientSampleId :

Tot Ion:106 Resp: 993841

Ion Ratio Lower Upper

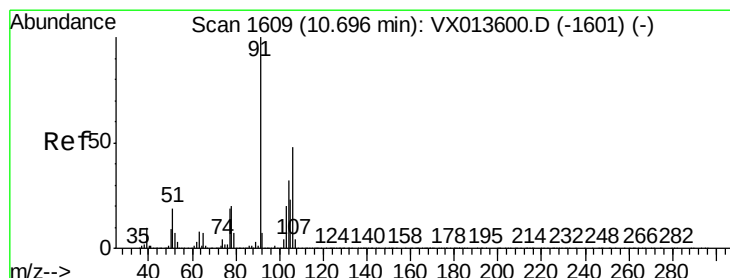
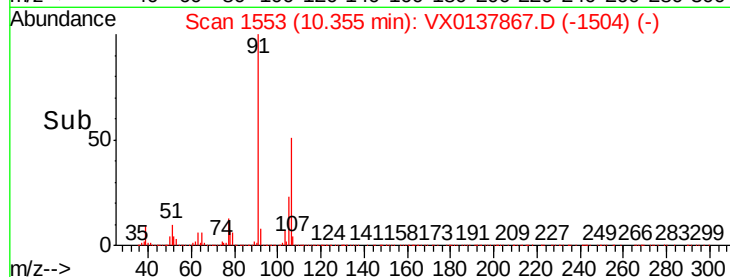
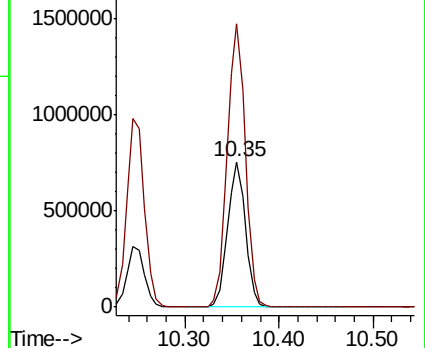
106 100

91 197.2 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 46.999 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX0137867.D

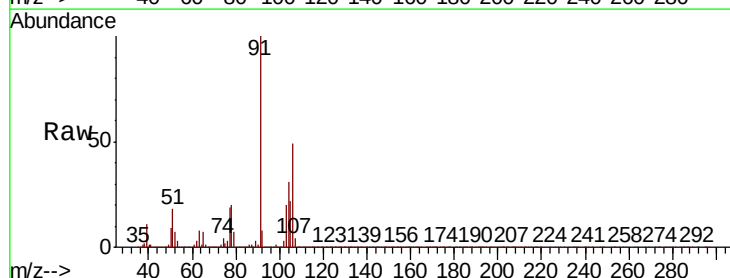
Acq: 09 Dec 2019 21:37

Tgt Ion:106 Resp: 486129

Ion Ratio Lower Upper

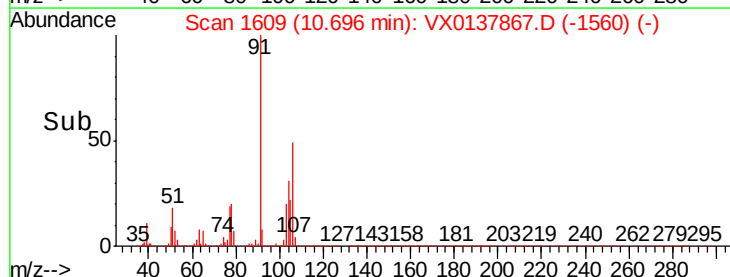
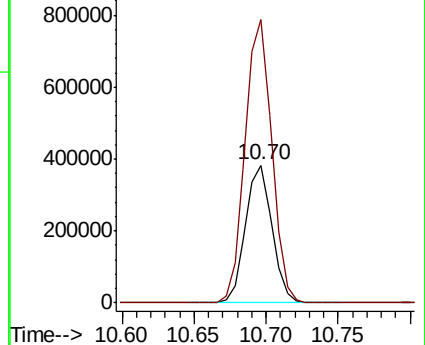
106 100

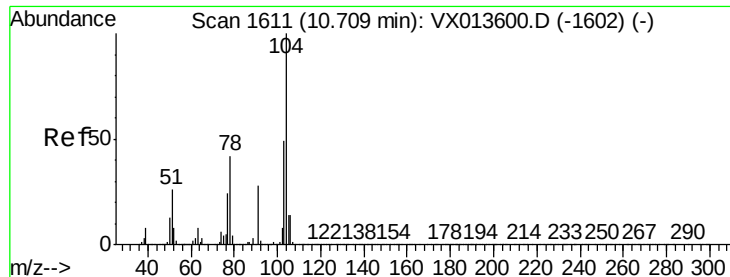
91 208.2 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

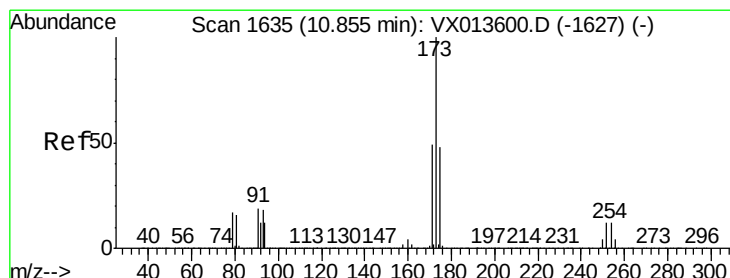
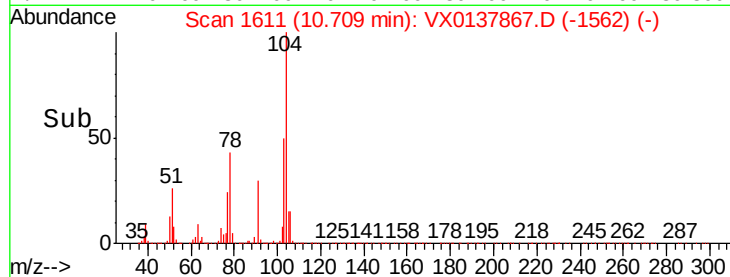
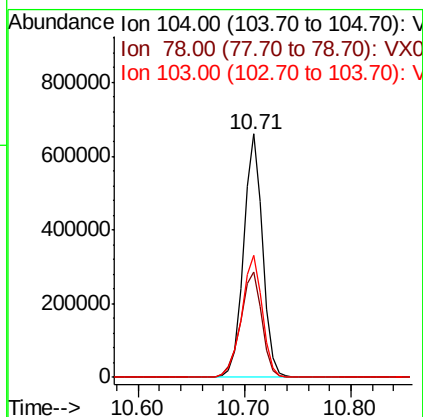
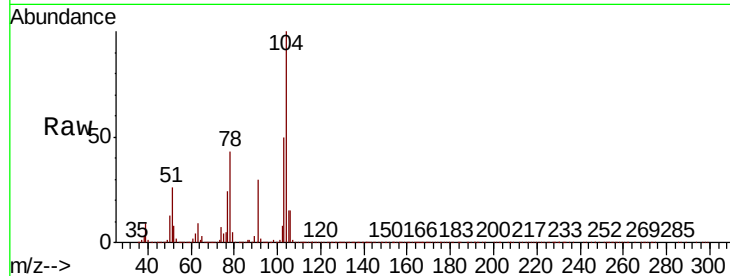




#70
Stvrene
Concen: 47.273 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

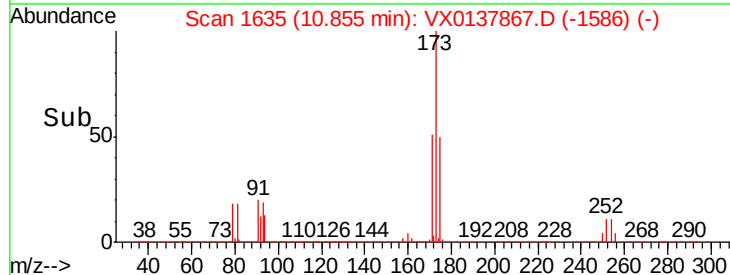
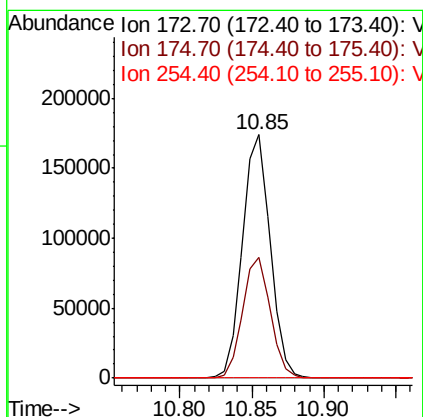
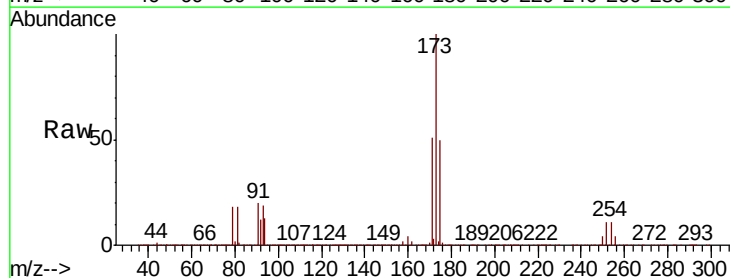
Instrument :
MSVOA_X
ClientSampled :

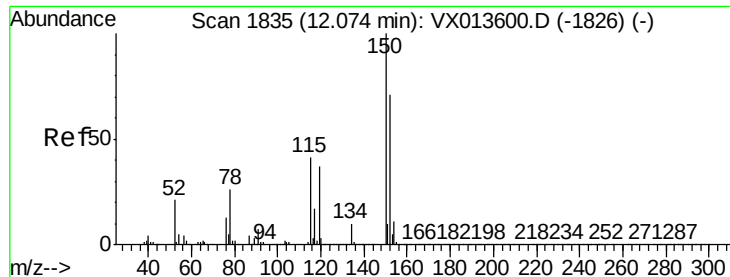
Tot Ion:104 Resp: 822533
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.7 43.7 65.5



#71
Bromoform
Concen: 48.617 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:173 Resp: 232859
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.8
254 0.2 0.2 0.4#



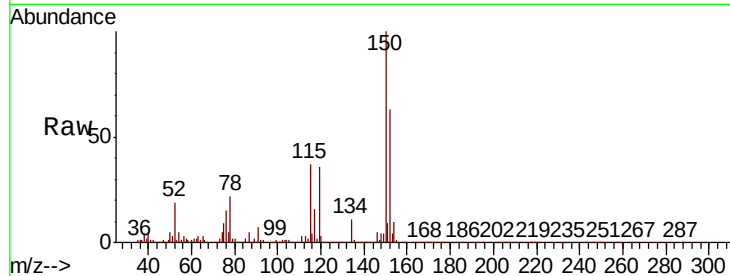


#72

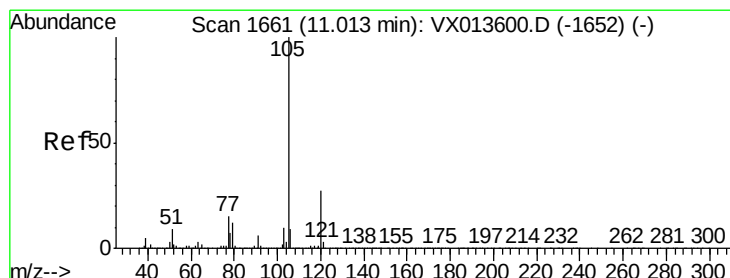
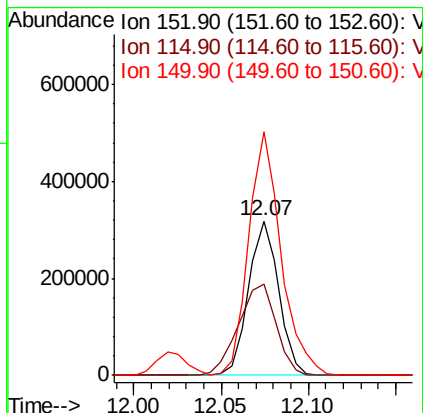
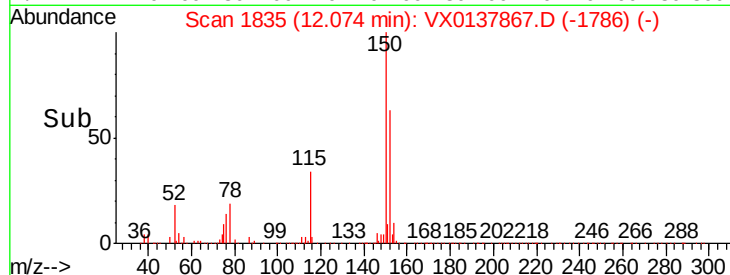
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	74.7	38.4	115.1
150	169.8	0.0	346.8



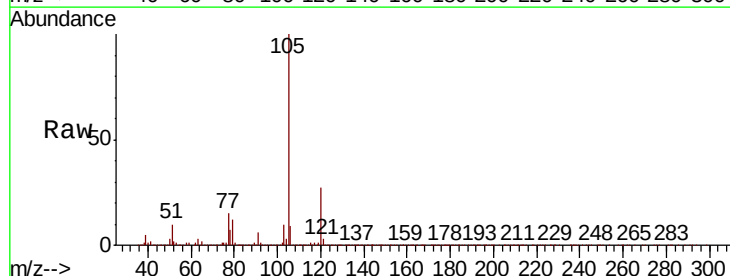
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



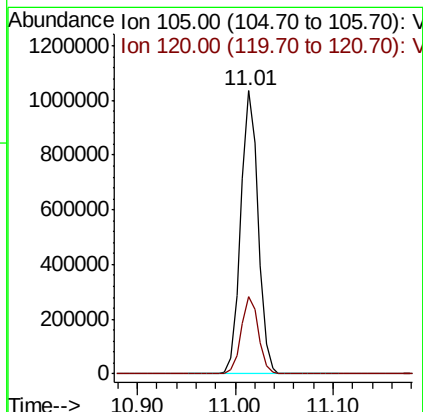
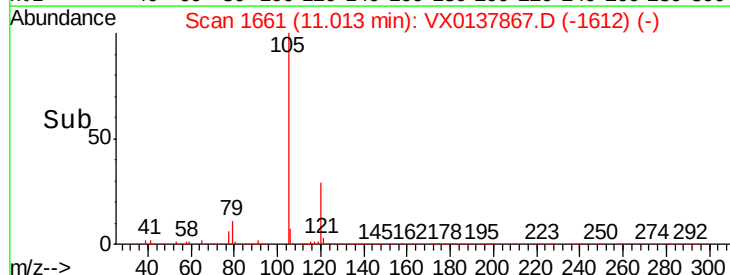
#73

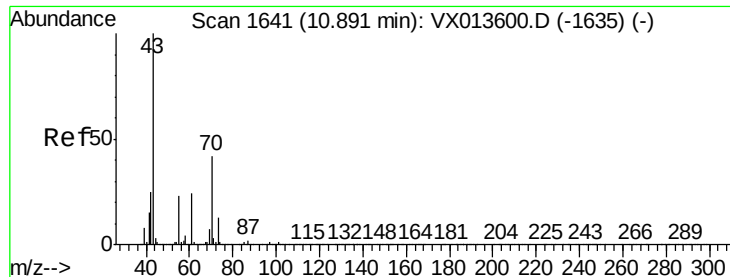
Isopropylbenzene
Concen: 47.523 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

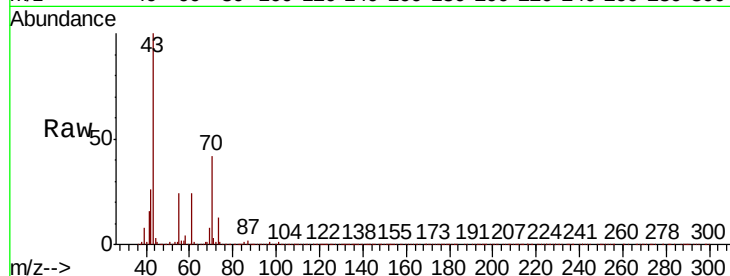




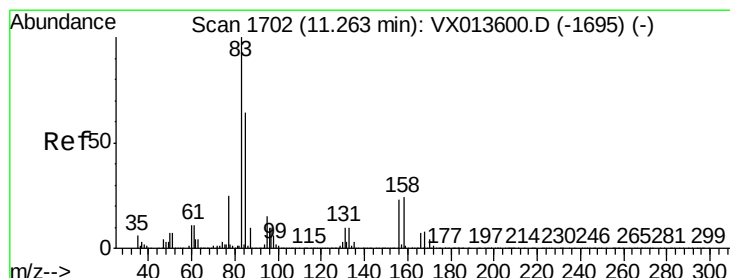
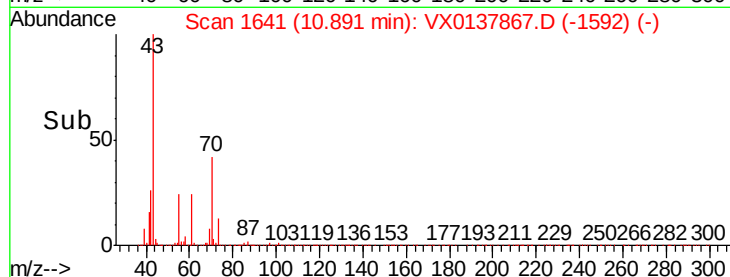
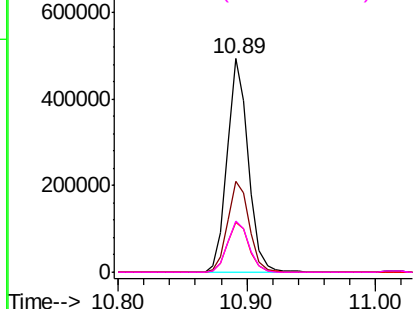
#74
N-amvl acetate
Concen: 46.409 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	568954
Ion	Ratio	Lower	Upper
43	100		
70	44.2	34.3	51.5
55	24.2	18.5	27.7
61	24.8	19.8	29.8

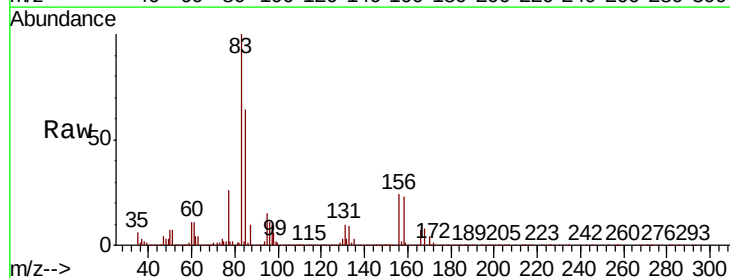


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

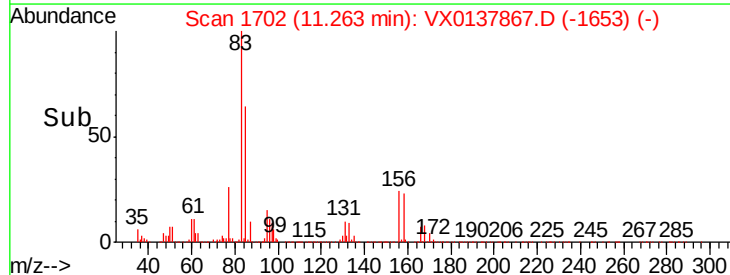
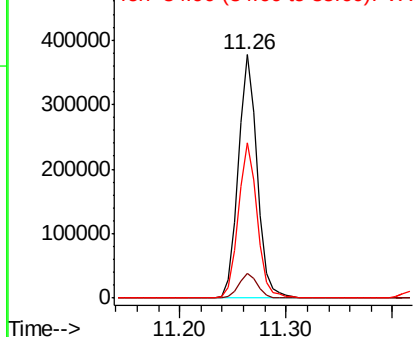


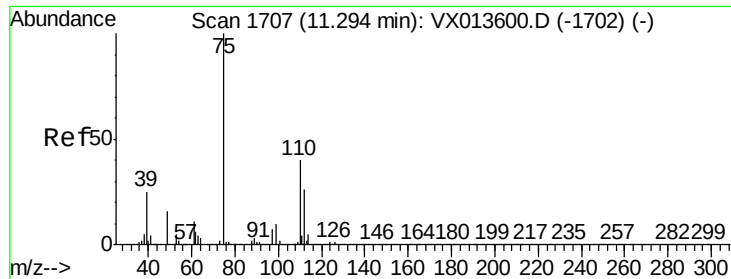
#75
1,1,2,2-Tetrachloroethane
Concen: 50.774 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:	83	Resp:	471239
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	63.5	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

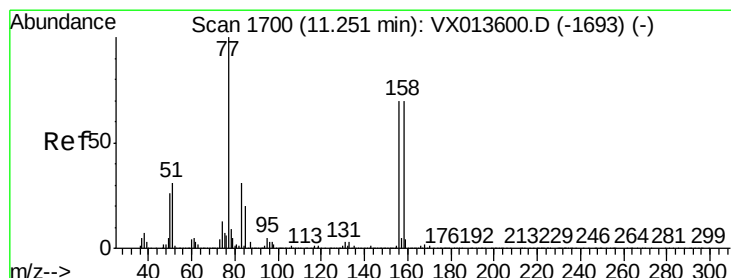
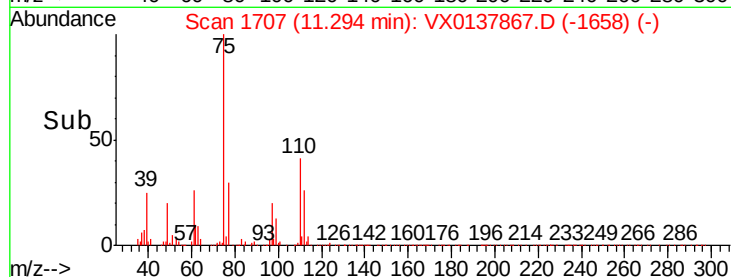
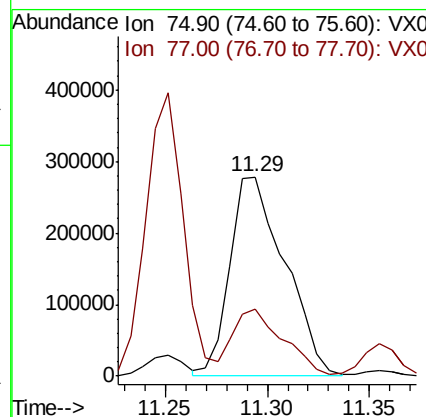
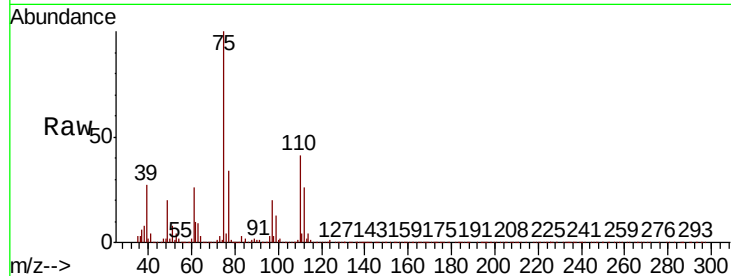




#76
 1,2,3-Trichloropropane
 Concen: 60.592 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

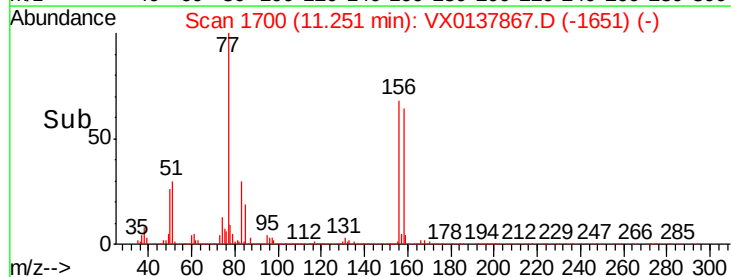
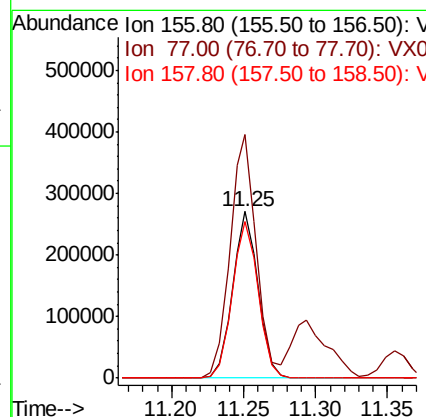
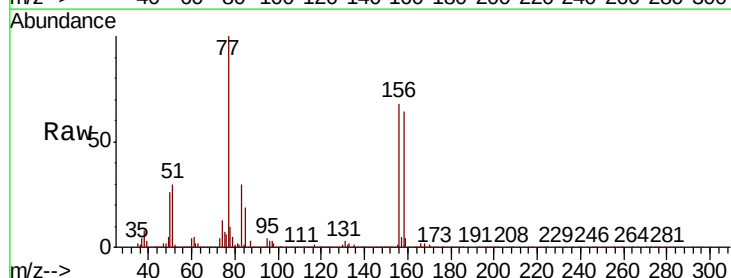
Instrument :
 MSVOA_X
 ClientSampled :

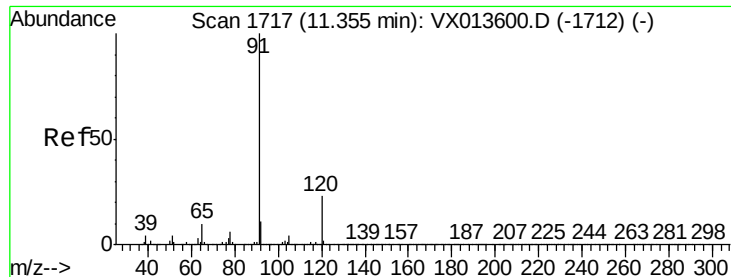
Tot Ion: 75 Resp: 519953
 Ion Ratio Lower Upper
 75 100
 77 30.9 19.1 57.5



#77
 Bromobenzene
 Concen: 46.413 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 156 Resp: 335564
 Ion Ratio Lower Upper
 156 100
 77 150.8 74.4 223.1
 158 96.2 48.9 146.6





#78

n-propylbenzene

Concen: 47.213 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

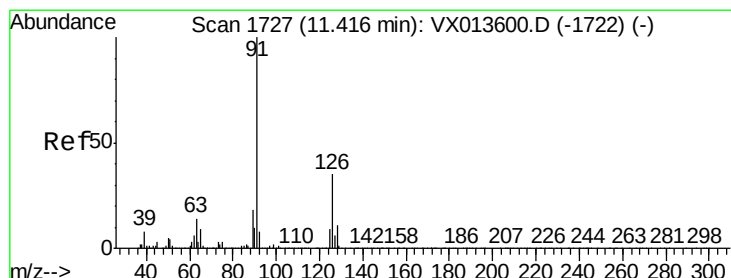
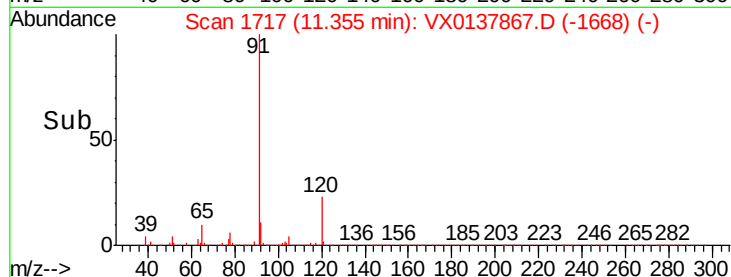
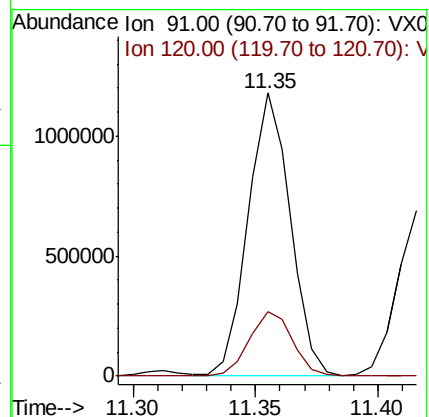
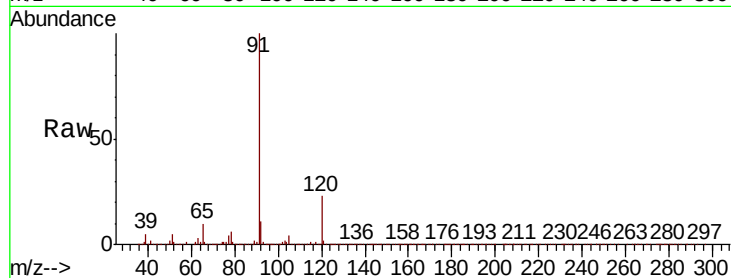
ClientSampled :

Tot Ion: 91 Resp: 1410505

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3



#79

2-Chlorotoluene

Concen: 46.927 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX0137867.D

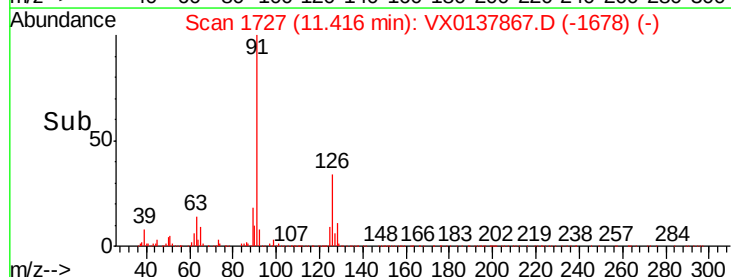
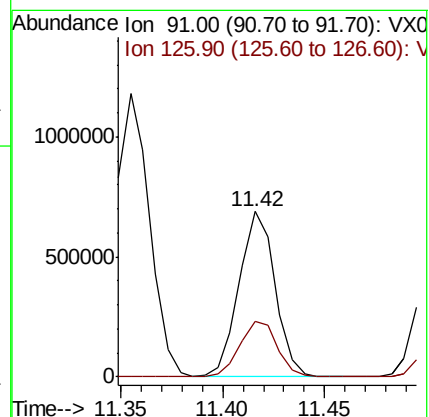
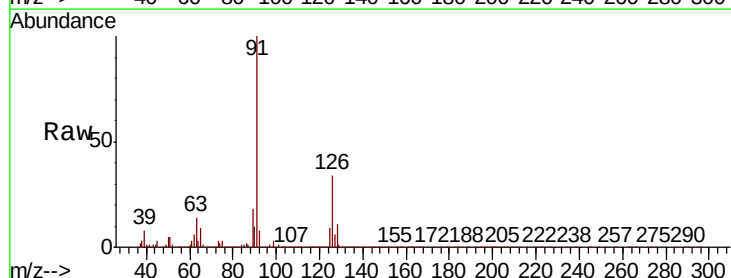
Acq: 09 Dec 2019 21:37

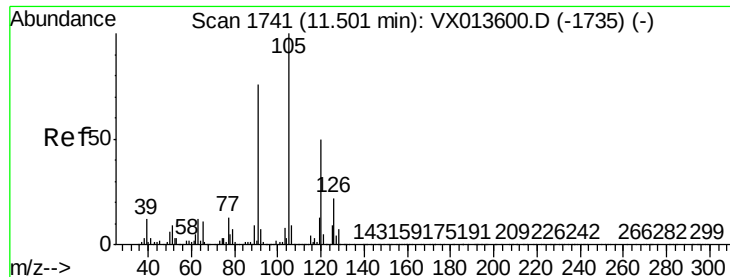
Tgt Ion: 91 Resp: 840989

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 47.289 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

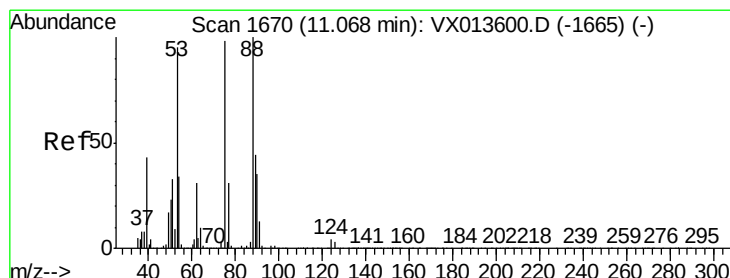
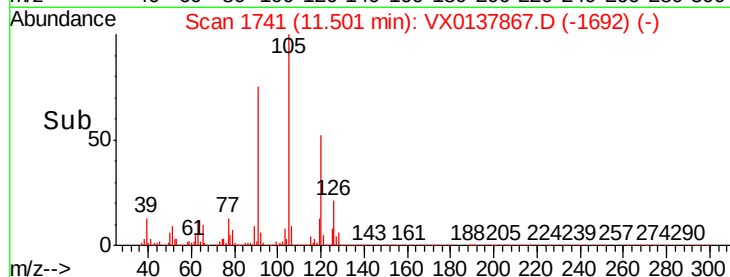
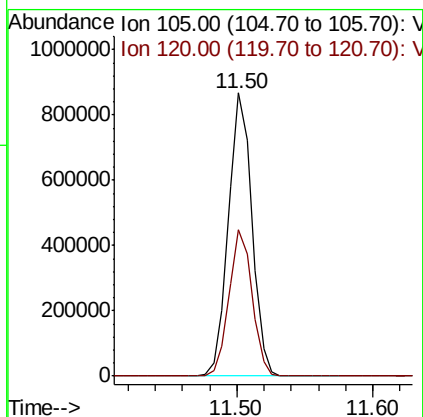
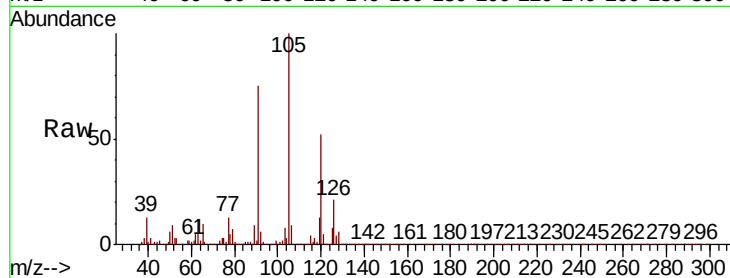
ClientSampleId :

Tot Ion:105 Resp: 1037263

Ion Ratio Lower Upper

105 100

120 51.2 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 45.418 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

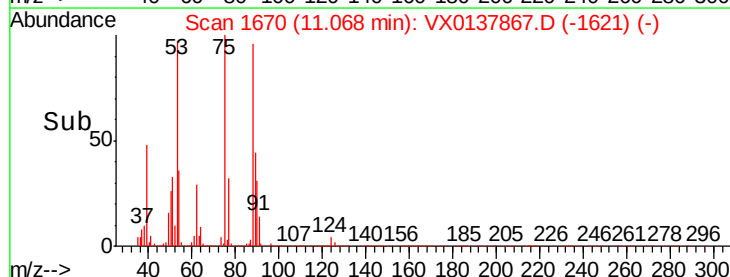
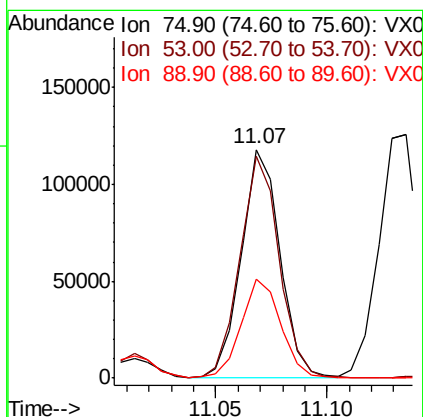
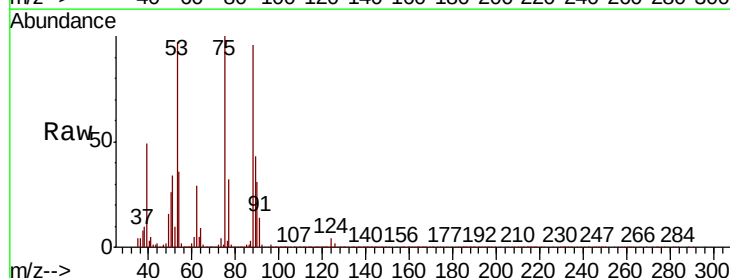
Tgt Ion: 75 Resp: 142460

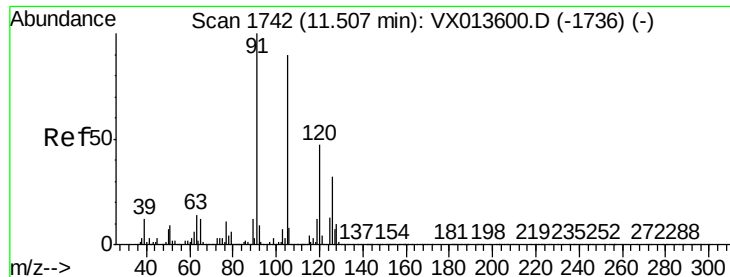
Ion Ratio Lower Upper

75 100

53 98.1 78.2 117.2

89 44.2 35.4 53.2

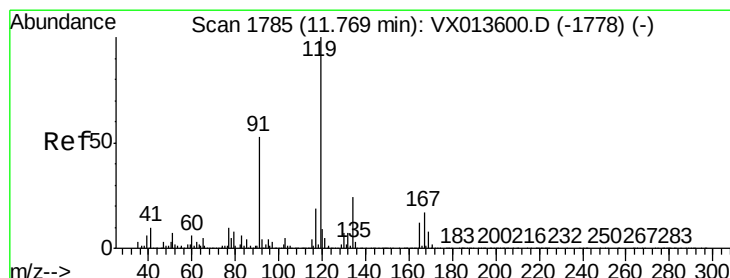
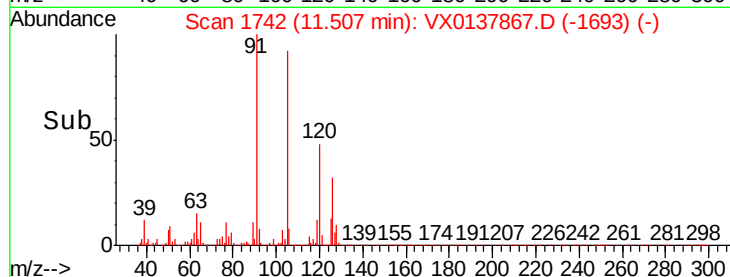
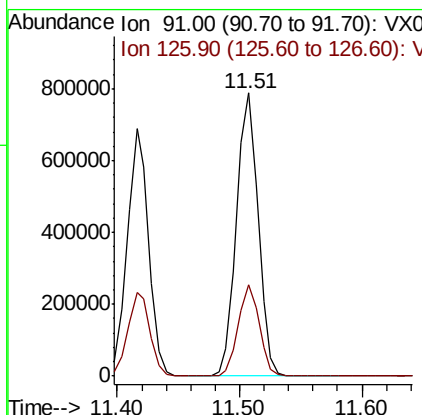
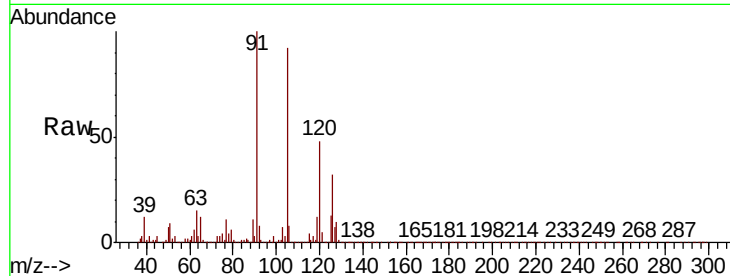




#82
4-Chlorotoluene
Concen: 46.221 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

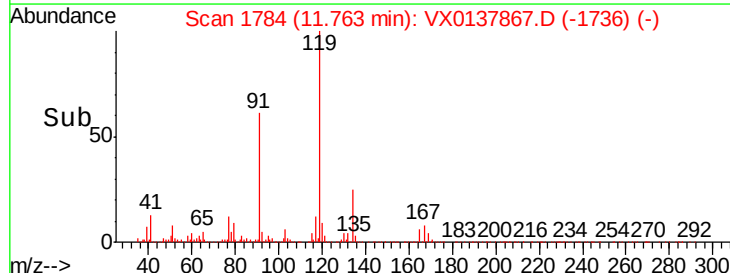
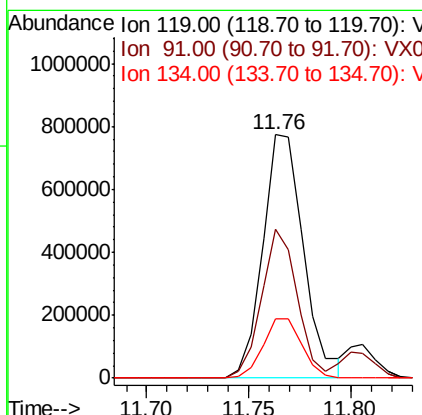
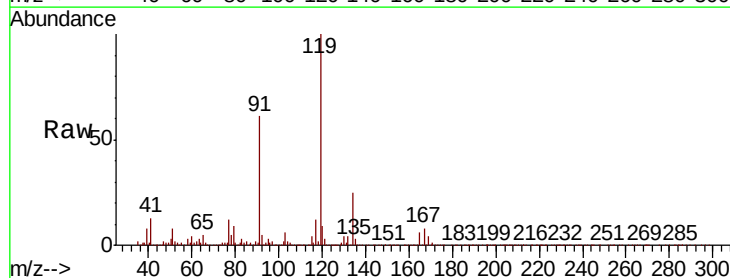
Instrument :
MSVOA_X
ClientSampleId :

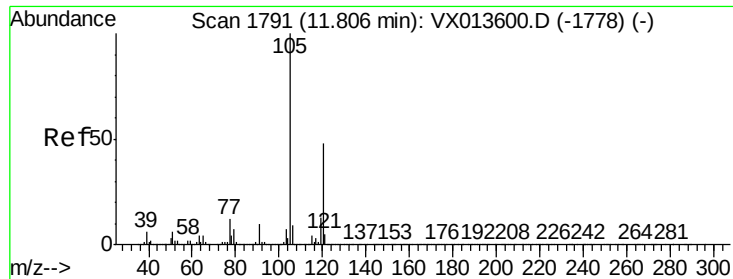
Tot Ion: 91 Resp: 959404
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.0



#83
tert-Butylbenzene
Concen: 48.361 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 119 Resp: 1078051
Ion Ratio Lower Upper
119 100
91 53.5 27.2 81.6
134 23.6 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 47.602 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

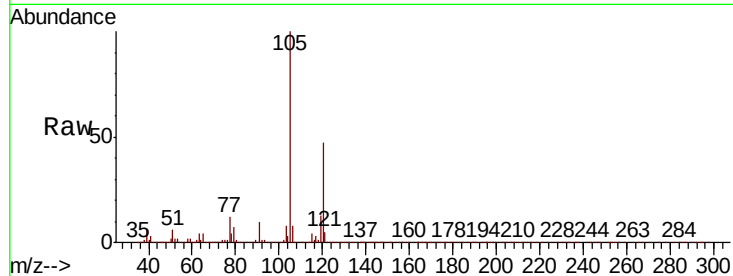
ClientSampleId :

Tot Ion:105 Resp: 1059685

Ion Ratio Lower Upper

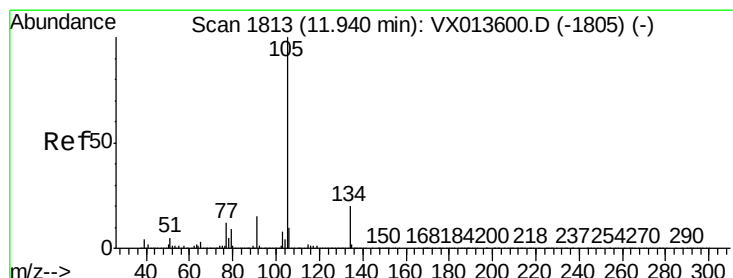
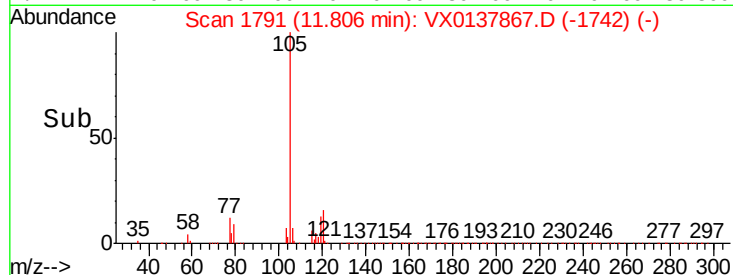
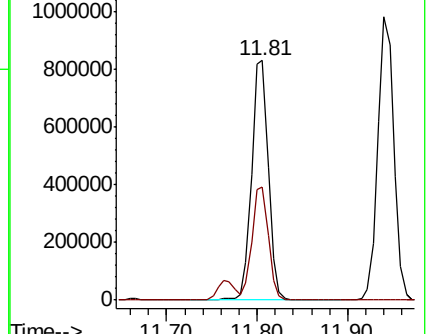
105 100

120 46.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 47.301 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX0137867.D

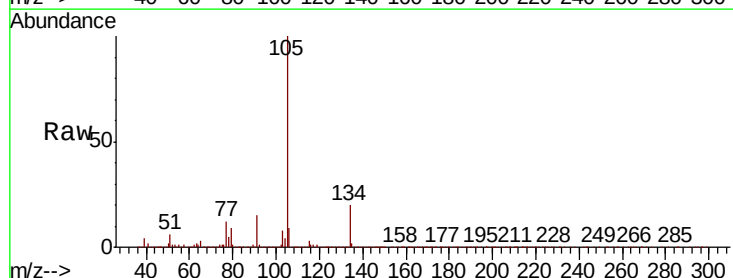
Acq: 09 Dec 2019 21:37

Tgt Ion:105 Resp: 1204382

Ion Ratio Lower Upper

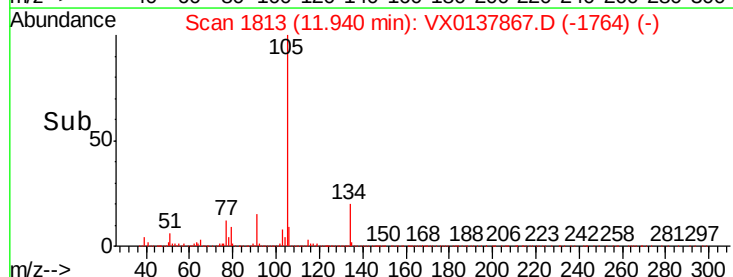
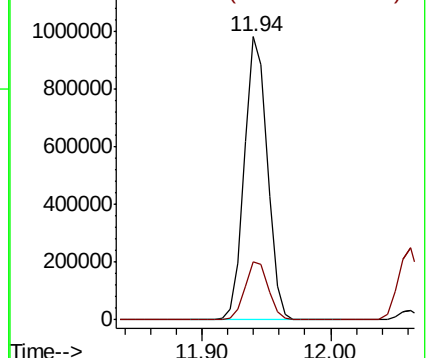
105 100

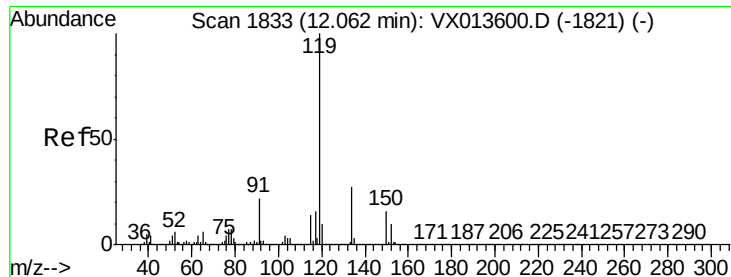
134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

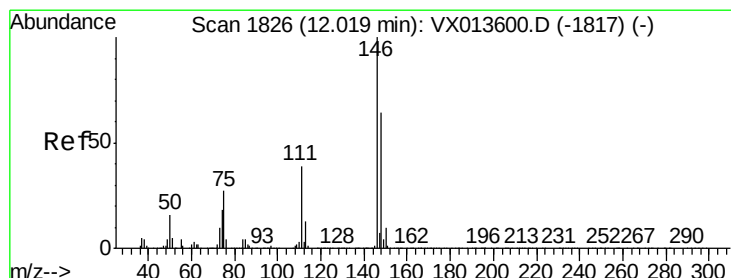
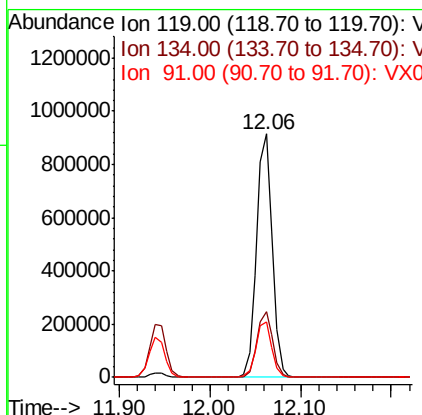
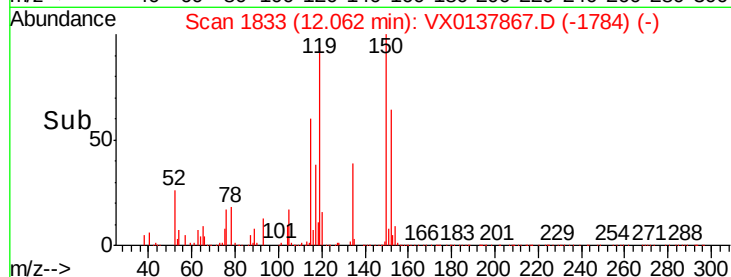
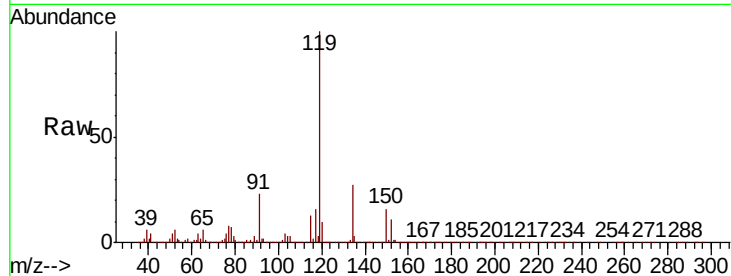




#86
 p-Isopropyltoluene
 Concen: 46.122 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

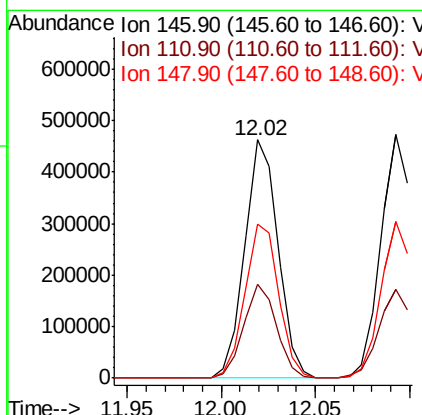
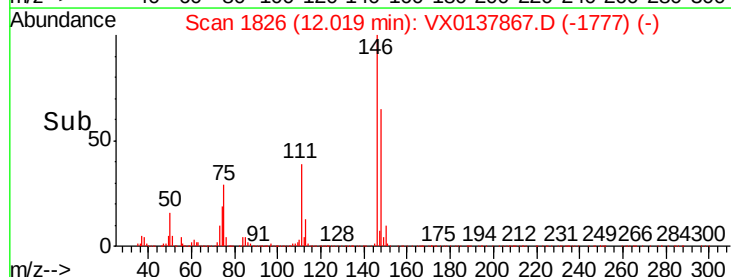
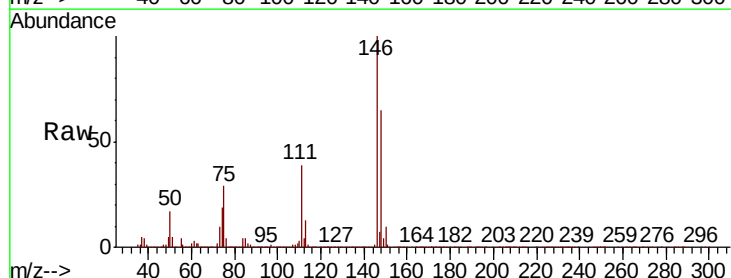
Instrument :
 MSVOA_X
 ClientSampleId :

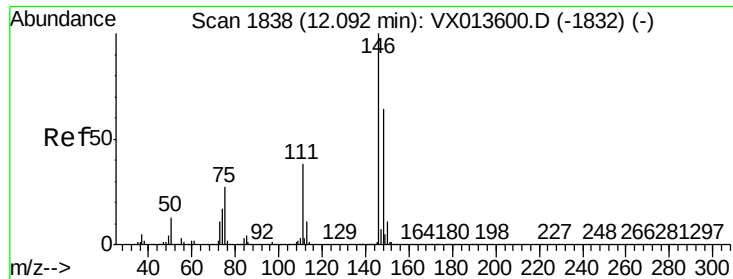
Tot Ion:119 Resp: 1092510
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 22.7 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 45.129 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion:146 Resp: 568766
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.0 57.0
 148 65.5 31.8 95.4

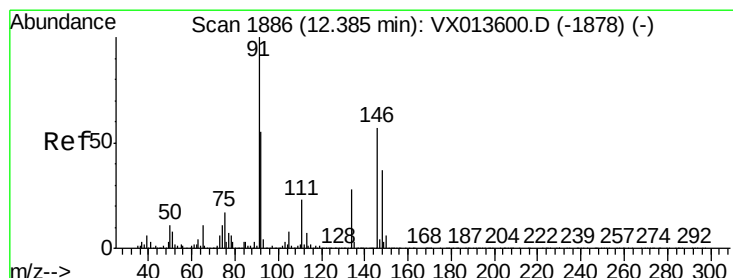
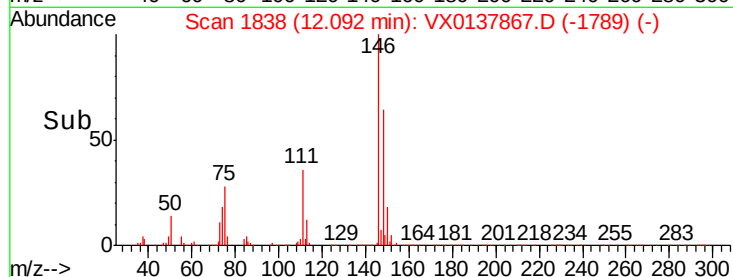
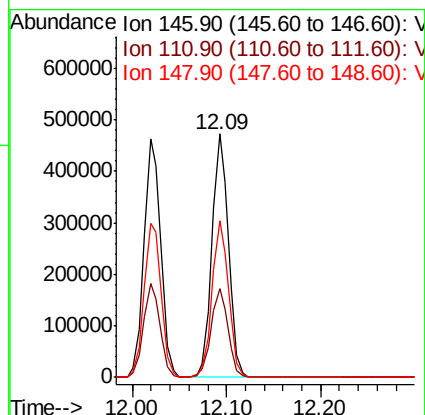
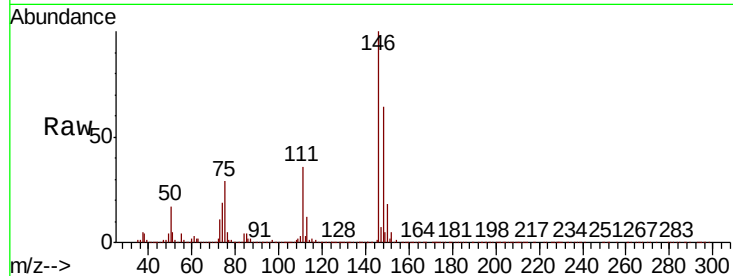




#88
1,4-Dichlorobenzene
Concen: 44.498 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

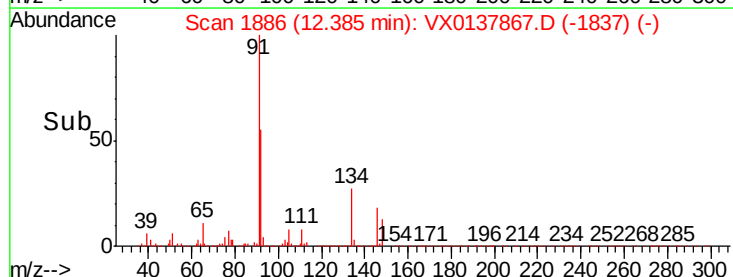
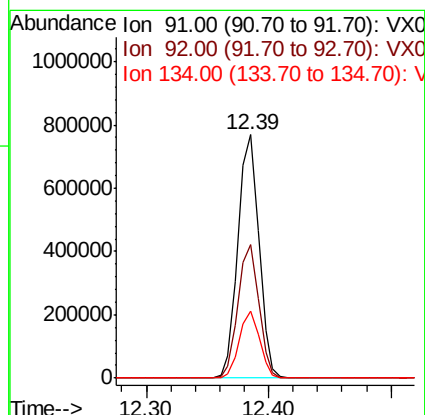
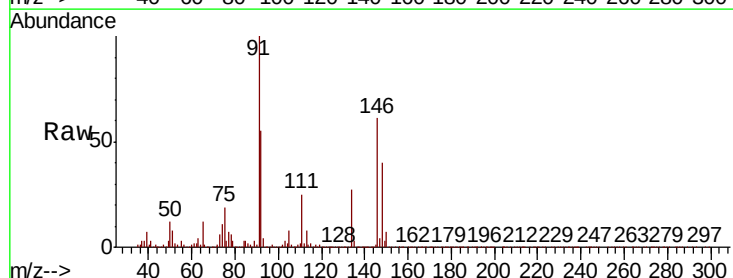
Instrument :
MSVOA_X
ClientSampled :

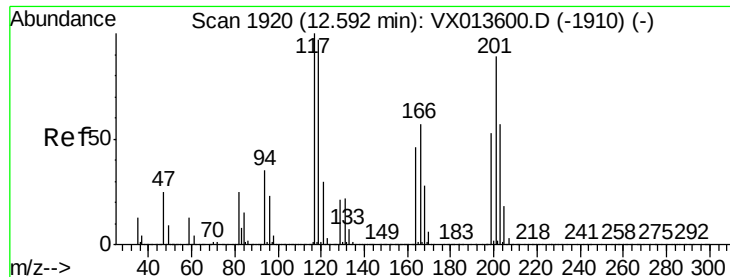
Tot Ion:146 Resp: 571229
Ion Ratio Lower Upper
146 100
111 37.3 18.9 56.9
148 64.3 31.9 95.5



#89
n-Butylbenzene
Concen: 44.899 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 91 Resp: 907099
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 26.8 13.5 40.4

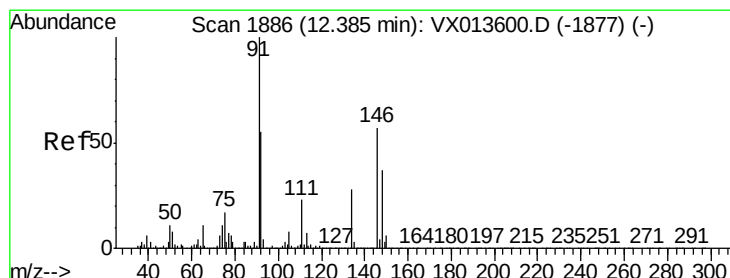
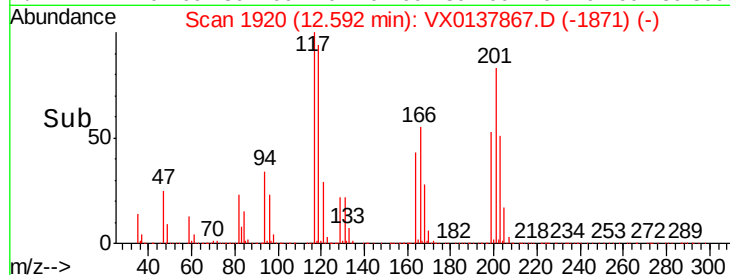
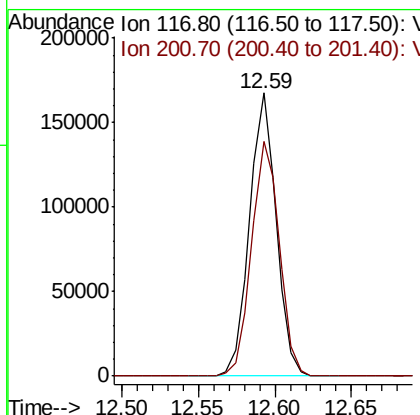
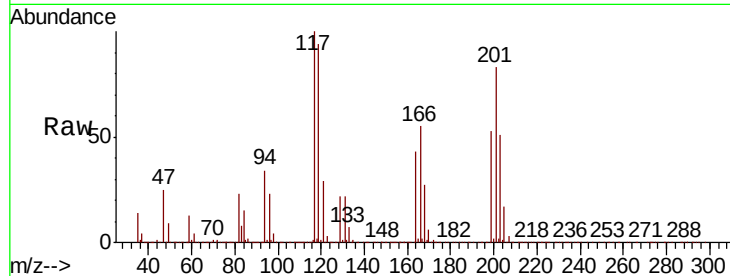




#90
Hexachloroethane
Concen: 47.374 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

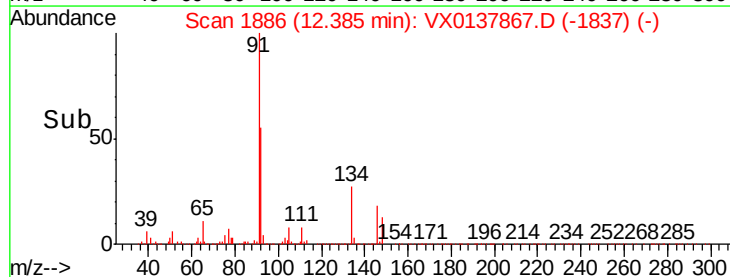
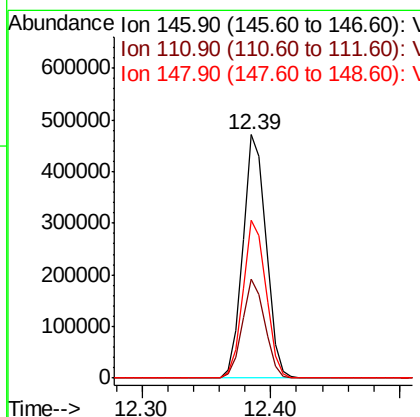
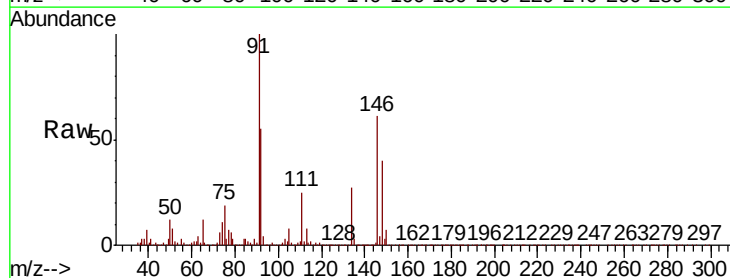
Instrument :
MSVOA_X
ClientSampleId :

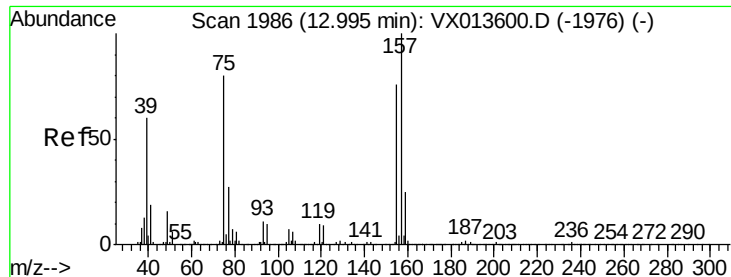
Tot Ion:117 Resp: 202834
Ion Ratio Lower Upper
117 100
201 86.8 44.1 132.4



#91
1,2-Dichlorobenzene
Concen: 46.871 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:146 Resp: 583650
Ion Ratio Lower Upper
146 100
111 39.5 19.6 58.7
148 64.3 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.917 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

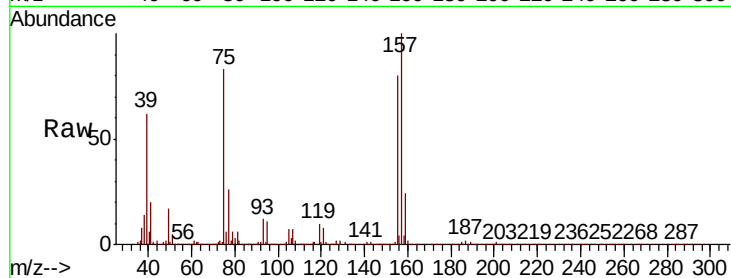
Tot Ion: 75 Resp: 100888

Ion Ratio Lower Upper

75 100

155 97.4 47.6 142.8

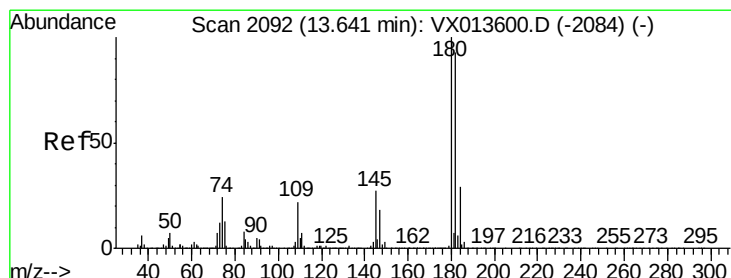
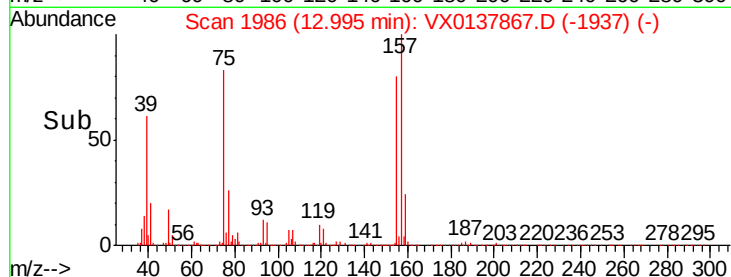
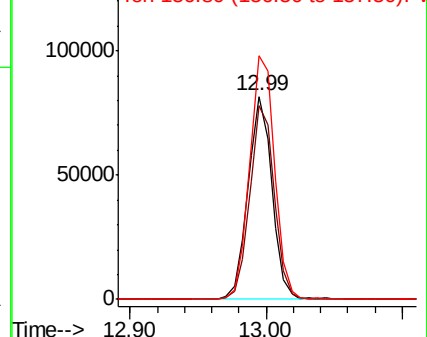
157 125.4 62.1 186.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 42.246 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

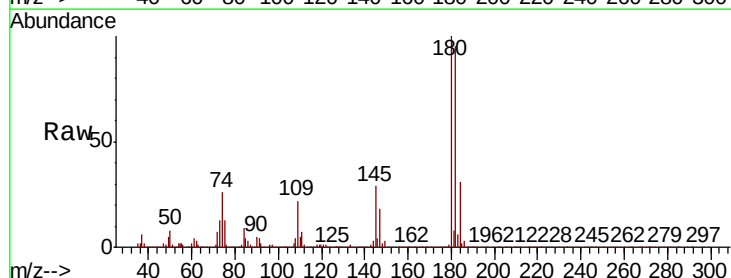
Tgt Ion:180 Resp: 366629

Ion Ratio Lower Upper

180 100

182 94.8 47.2 141.6

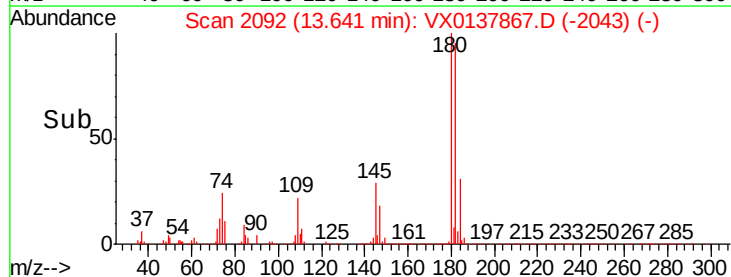
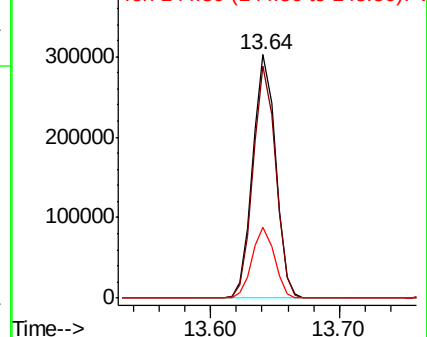
145 28.7 13.8 41.4

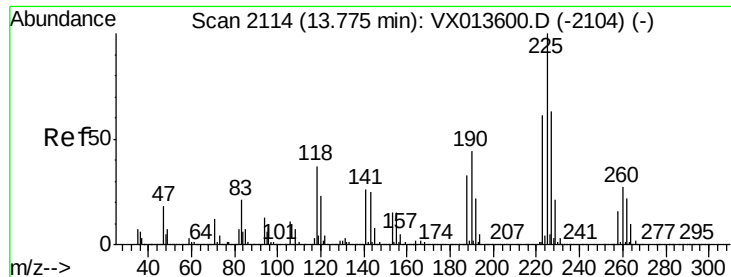


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 41.675 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

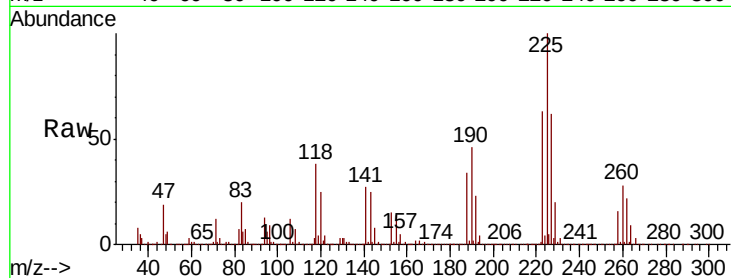
Tot Ion:225 Resp: 173739

Ion Ratio Lower Upper

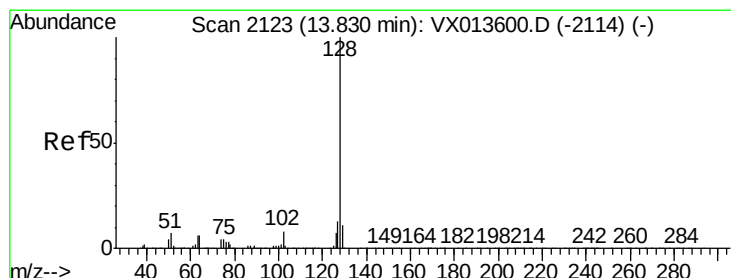
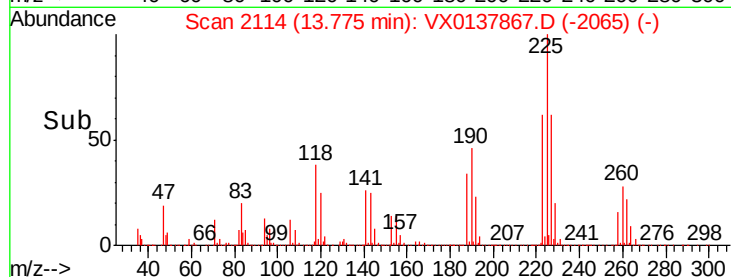
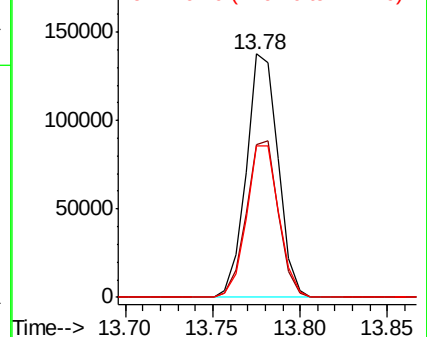
225 100

223 64.2 31.9 95.5

227 63.1 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 45.639 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

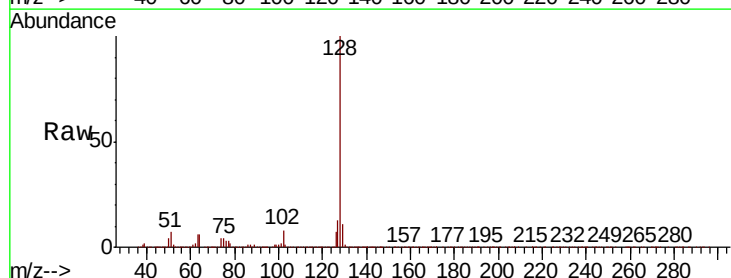
Tgt Ion:128 Resp: 1179509

Ion Ratio Lower Upper

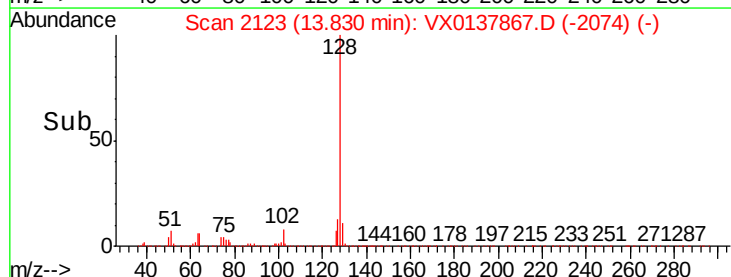
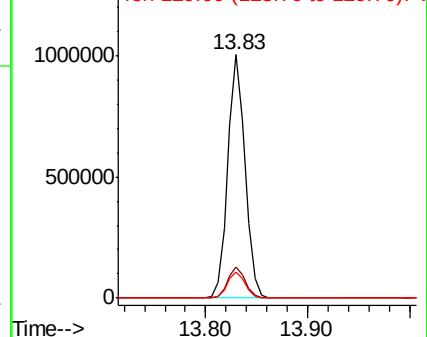
128 100

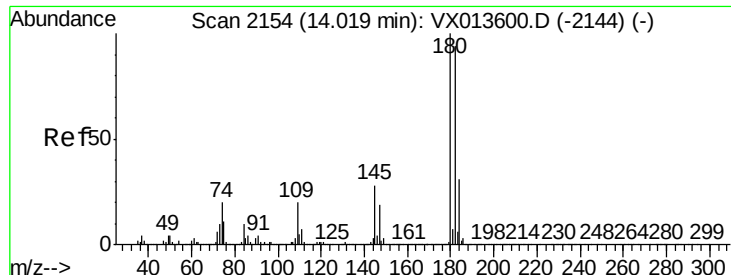
127 12.9 10.3 15.5

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 44.608 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

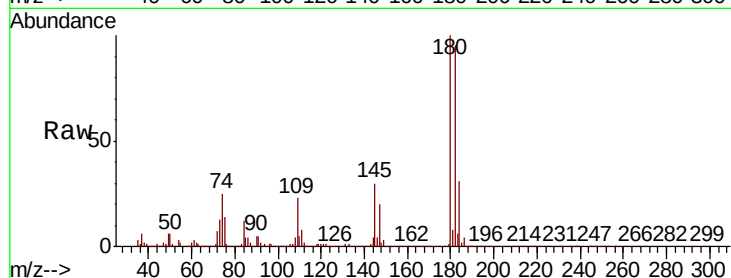
Tot Ion:180 Resp: 383305

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 29.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

