

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137873.D
 Acq On : 10 Dec 2019 00:44
 Operator : JC/SP
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 03:33:13 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	561620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	872535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371334	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	294036	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
35) Dibromofluoromethane	5.49	113	246104	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
50) Toluene-d8	8.71	98	929283	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
62) 4-Bromofluorobenzene	11.14	95	327424	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	114054	18.245	ug/l 99
3) Chloromethane	1.32	50	132142	18.839	ug/l 100
4) Vinyl Chloride	1.40	62	151484	19.188	ug/l 100
5) Bromomethane	1.63	94	95918	18.091	ug/l 99
6) Chloroethane	1.72	64	84755	18.866	ug/l 99
7) Trichlorofluoromethane	1.92	101	165935	18.929	ug/l 98
8) Diethyl Ether	2.18	74	79268	19.987	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100904	18.844	ug/l 99
10) Methyl Iodide	2.50	142	110279	17.026	ug/l 100
11) Tert butyl alcohol	3.03	59	152796	94.955	ug/l 99
12) 1,1-Dichloroethene	2.36	96	99396	18.597	ug/l 96
13) Acrolein	2.28	56	91334	88.837	ug/l 99
14) Allyl chloride	2.72	41	180760	18.636	ug/l 100
15) Acrylonitrile	3.13	53	328892	99.018	ug/l 99
16) Acetone	2.43	43	315544	98.038	ug/l 100
17) Carbon Disulfide	2.56	76	253841	16.660	ug/l 99
18) Methyl Acetate	2.76	43	188969	21.084	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	354169	20.003	ug/l 99
20) Methylene Chloride	2.85	84	122718	19.846	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	106462	18.284	ug/l 97
22) Diisopropyl ether	3.84	45	379857	20.339	ug/l 94
23) Vinyl Acetate	3.80	43	1440880	92.739	ug/l 98
24) 1,1-Dichloroethane	3.69	63	203776	19.959	ug/l 99
25) 2-Butanone	4.66	43	468325	97.906	ug/l 100
26) 2,2-Dichloropropane	4.58	77	124468	14.735	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	126918	18.981	ug/l 99
28) Bromochloromethane	5.01	49	81951	20.304	ug/l 98
29) Tetrahydrofuran	5.12	42	300219	101.809	ug/l 100
30) Chloroform	5.20	83	197663	19.090	ug/l 98
31) Cyclohexane	5.57	56	178783	18.565	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	165541	19.132	ug/l 99
36) 1,1-Dichloropropene	5.79	75	144404	18.232	ug/l 100
37) Ethyl Acetate	4.82	43	174369	19.624	ug/l 99
38) Carbon Tetrachloride	5.78	117	137023	18.762	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137873.D
 Acq On : 10 Dec 2019 00:44
 Operator : JC/SP
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 03:33:13 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)
39) Methylcyclohexane	7.46	83	170955	17.462	ug/l	100
40) Benzene	6.14	78	464697	19.264	ug/l	99
41) Methacrylonitrile	5.03	41	99474	20.413	ug/l	97
42) 1,2-Dichloroethane	6.18	62	162776	19.786	ug/l	100
43) Isopropyl Acetate	6.43	43	283001	19.346	ug/l	99
44) Trichloroethene	7.21	130	124397	18.790	ug/l	94
45) 1,2-Dichloropropane	7.51	63	121267	20.092	ug/l	100
46) Dibromomethane	7.65	93	76778	18.730	ug/l	100
47) Bromodichloromethane	7.89	83	147233	18.999	ug/l	99
48) Methyl methacrylate	7.76	41	140384	19.751	ug/l	100
49) 1,4-Dioxane	7.73	88	55522	348.987	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	915919	99.539	ug/l	99
52) Toluene	8.78	92	285064	19.022	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	151737	17.203	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	174345	18.092	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119976	19.866	ug/l	99
56) Ethyl methacrylate	9.17	69	182390	18.785	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204679	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	356367	93.613	ug/l	99
59) 2-Hexanone	9.49	43	691278	96.325	ug/l	99
60) Dibromochloromethane	9.58	129	120733	19.264	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121482	18.834	ug/l	98
64) Tetrachloroethene	9.33	164	137158	23.495	ug/l	98
65) Chlorobenzene	10.14	112	305545	18.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	112748	19.318	ug/l	98
67) Ethyl Benzene	10.25	91	534874	19.151	ug/l	100
68) m/p-Xylenes	10.35	106	409700	38.316	ug/l	98
69) o-Xylene	10.70	106	200379	19.214	ug/l	99
70) Styrene	10.71	104	333742	19.025	ug/l	99
71) Bromoform	10.85	173	89125	18.456	ug/l #	100
73) Isopropylbenzene	11.01	105	524584	20.139	ug/l	99
74) N-amyl acetate	10.89	43	233932	19.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	184810	20.459	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	205090	24.556	ug/l	89
77) Bromobenzene	11.25	156	138668	19.706	ug/l	99
78) n-propylbenzene	11.35	91	578031	19.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	347563	19.926	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	429330	20.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49893	16.343	ug/l	91
82) 4-Chlorotoluene	11.51	91	397460	19.674	ug/l	100
83) tert-Butylbenzene	11.77	119	417051	19.222	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	438417	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	495737	20.004	ug/l	99
86) p-Isopropyltoluene	12.06	119	451772	19.596	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233320	19.021	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	234489	18.768	ug/l	97
89) n-Butylbenzene	12.38	91	368941	18.763	ug/l	100
90) Hexachloroethane	12.59	117	80518	19.322	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	240807	19.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38572	19.608	ug/l	98

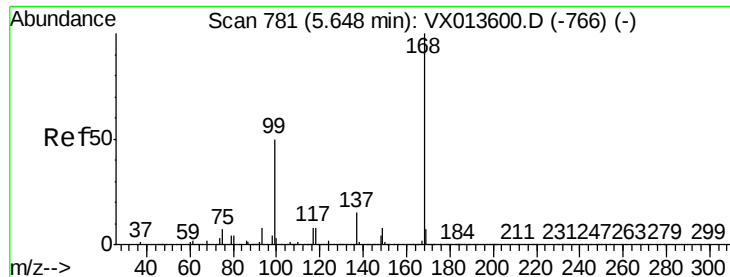
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
Data File : VX0137873.D
Acq On : 10 Dec 2019 00:44
Operator : JC/SP
Sample : VX1209WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 10 03:33:13 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)
93) 1,2,4-Trichlorobenzene	13.64	180	156136	18.485	ug/l	99
94) Hexachlorobutadiene	13.77	225	75575	18.626	ug/l	99
95) Naphthalene	13.83	128	482515	19.182	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160573	19.200	ug/l	99

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

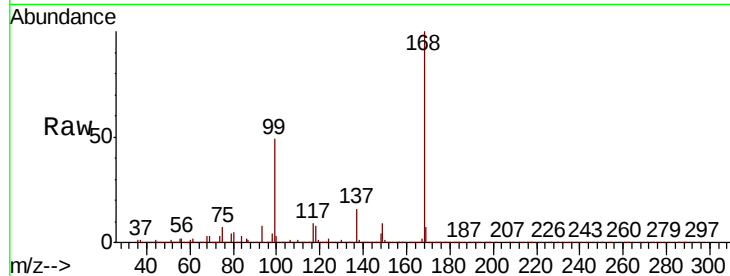


#1

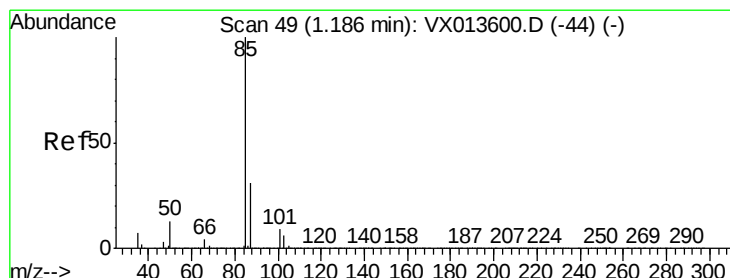
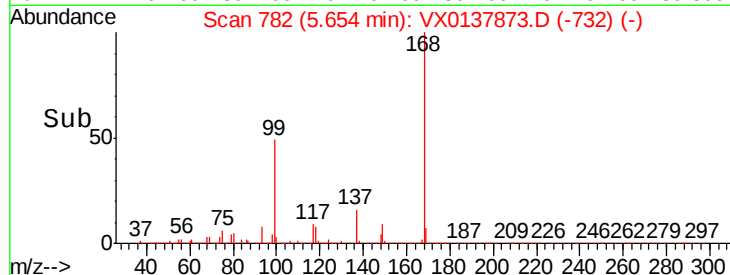
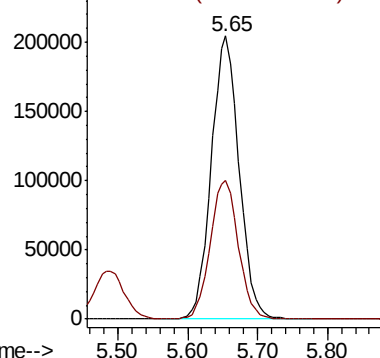
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:168 Resp: 561620
 Ion Ratio Lower Upper
 168 100
 99 49.0 39.8 59.8



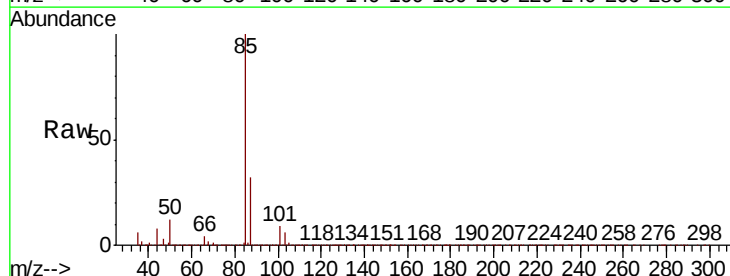
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



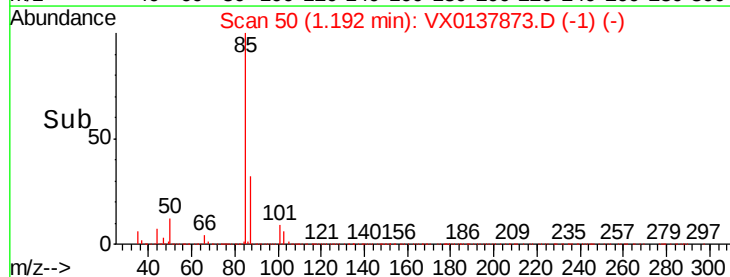
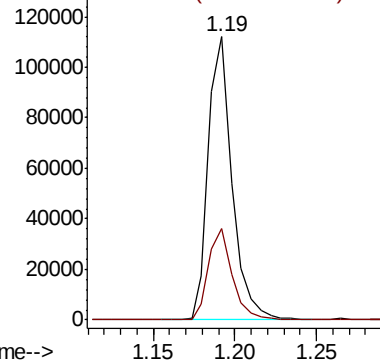
#2

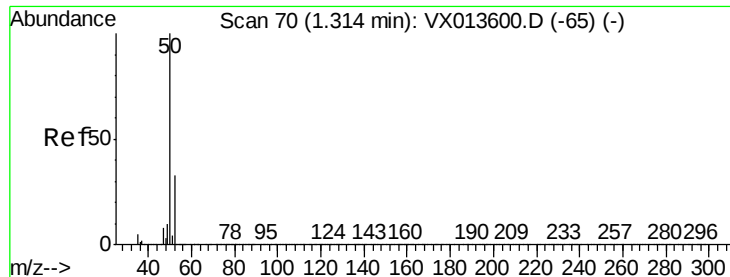
Dichlorodifluoromethane
 Concen: 18.245 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion: 85 Resp: 114054
 Ion Ratio Lower Upper
 85 100
 87 32.0 15.7 47.1



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





#3

Chloromethane

Concen: 18.839 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

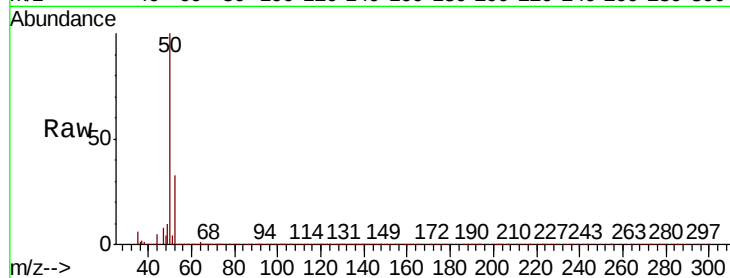
ClientSampleId :

Tot Ion: 50 Resp: 132142

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

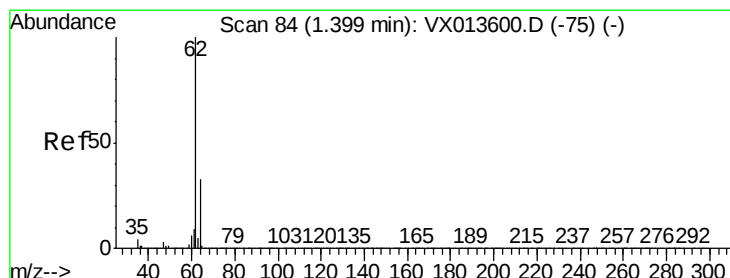
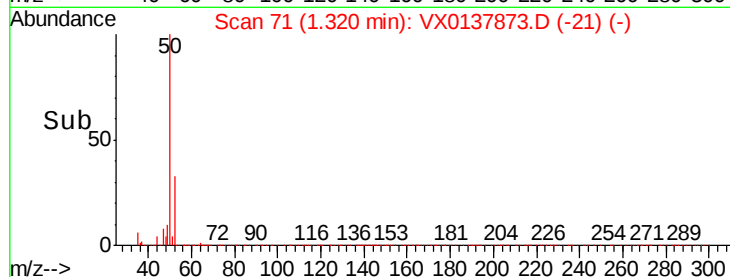
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 19.188 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX0137873.D

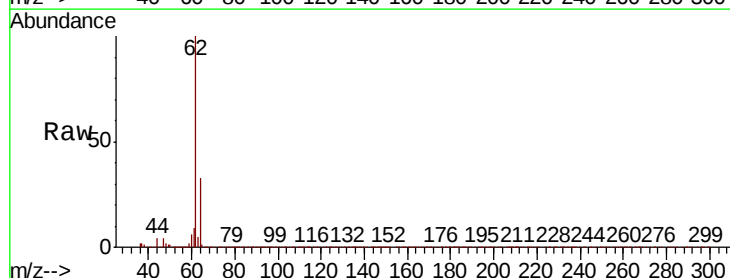
Acq: 10 Dec 2019 00:44

Tgt Ion: 62 Resp: 151484

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

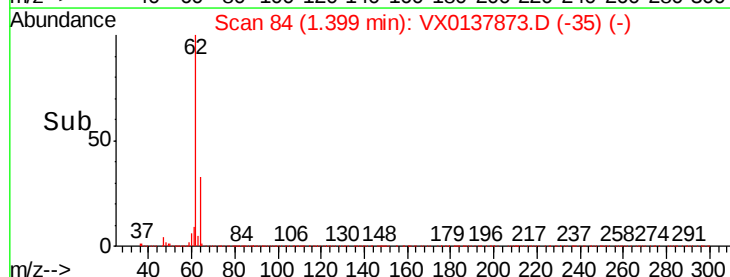
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 18.091 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

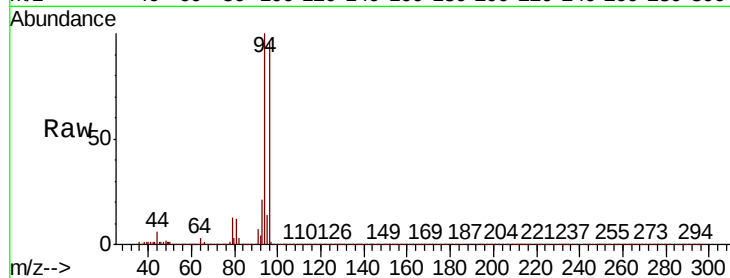
ClientSampleId :

Tot Ion: 94 Resp: 95918

Ion Ratio Lower Upper

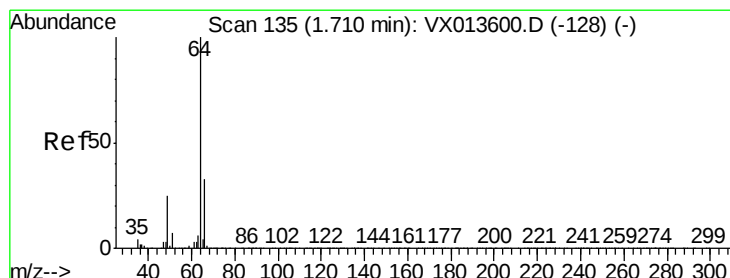
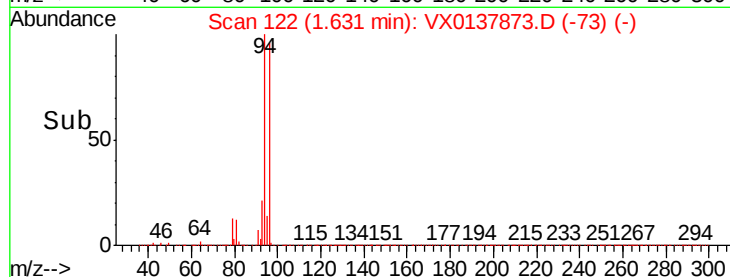
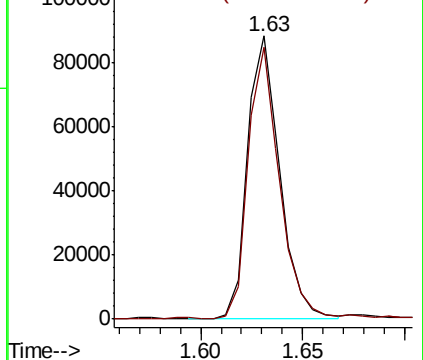
94 100

96 95.6 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: 18.866 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX0137873.D

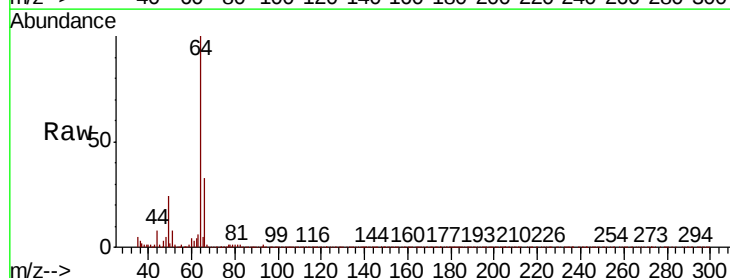
Acq: 10 Dec 2019 00:44

Tgt Ion: 64 Resp: 84755

Ion Ratio Lower Upper

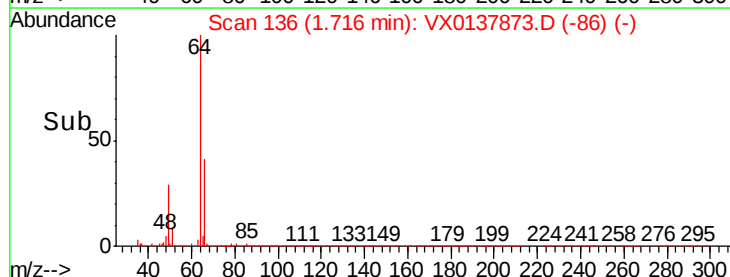
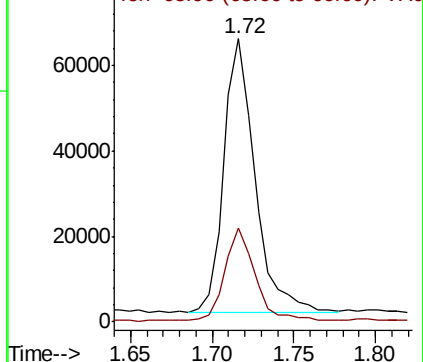
64 100

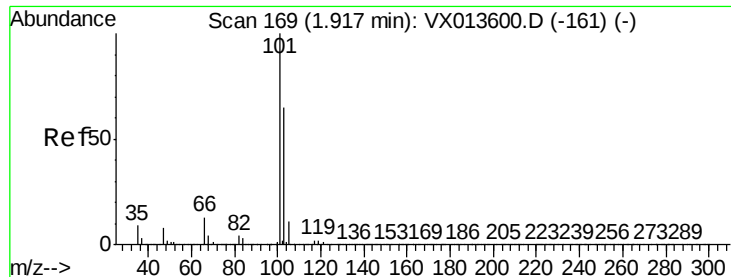
66 34.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



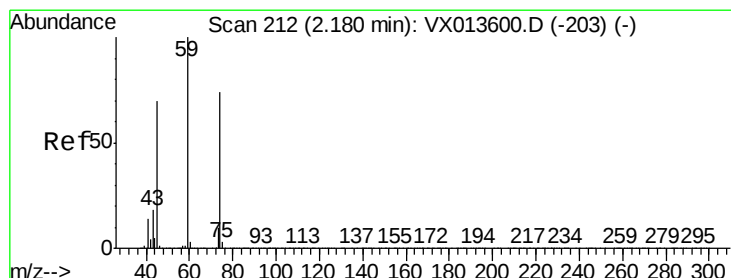
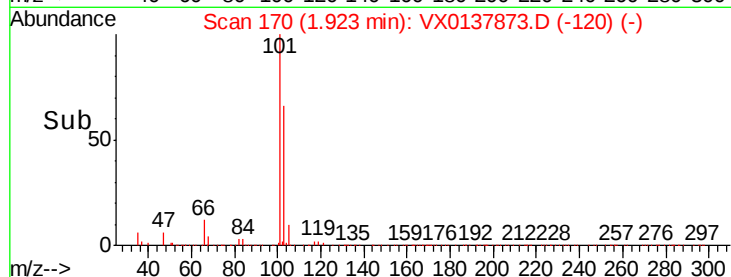
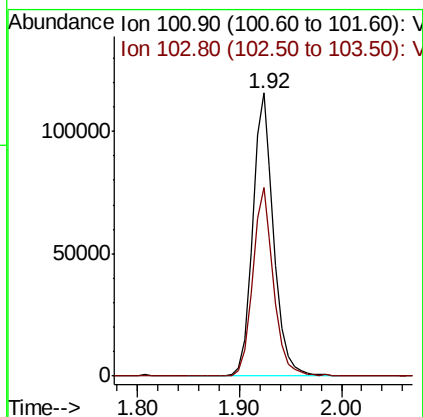
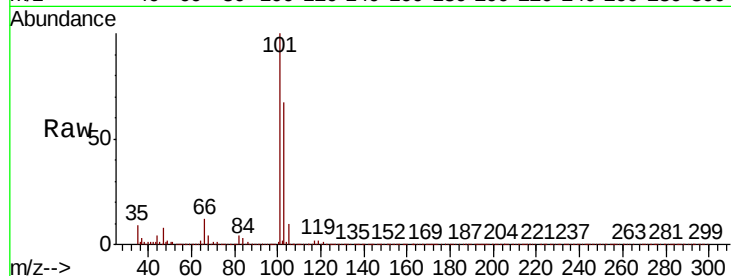


#7

Trichlorofluoromethane
 Concen: 18.929 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

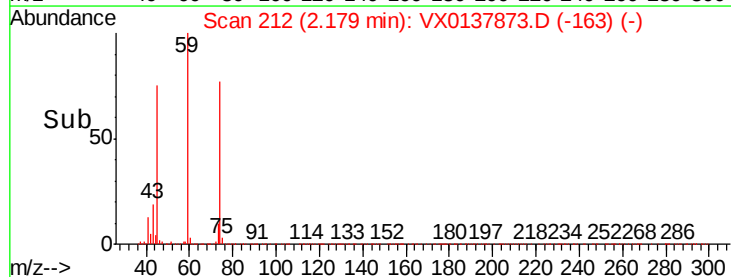
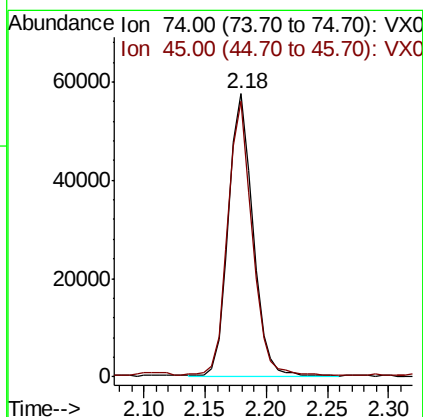
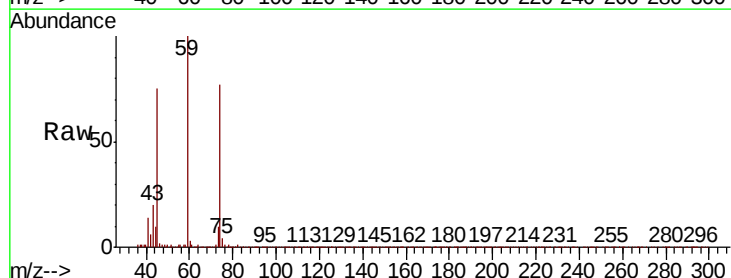
Tot Ion:101 Resp: 165935
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.8 77.6

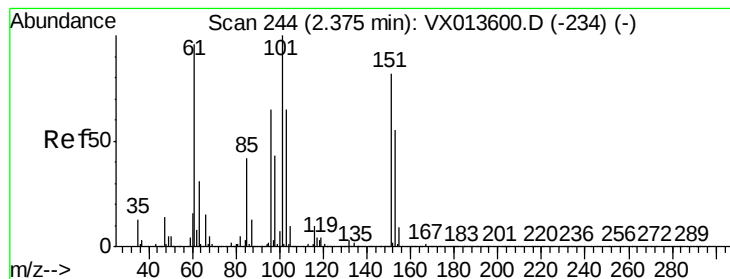


#8

Diethyl Ether
 Concen: 19.987 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion: 74 Resp: 79268
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.844 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

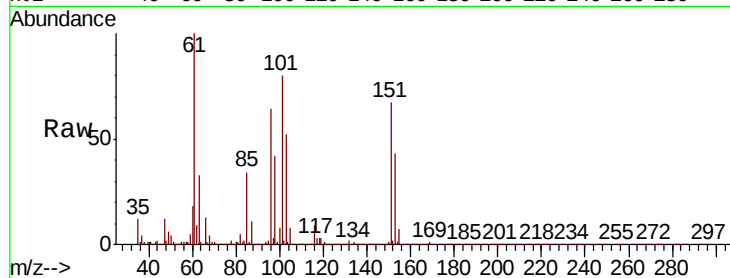
Tot Ion:101 Resp: 100904

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

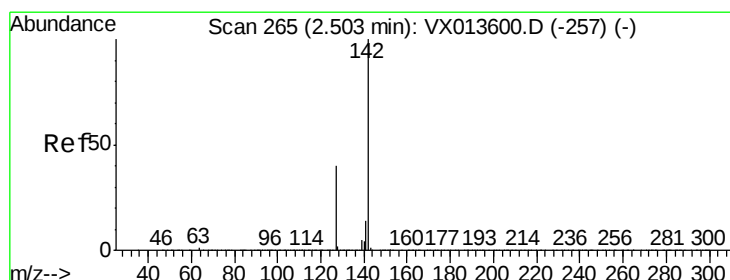
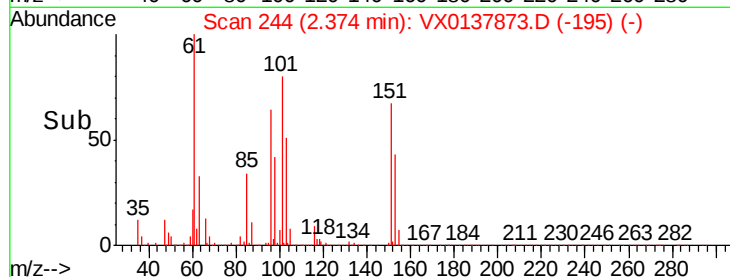
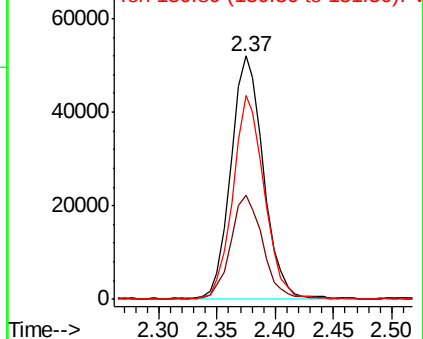
151 81.6 64.2 96.2



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: 17.026 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

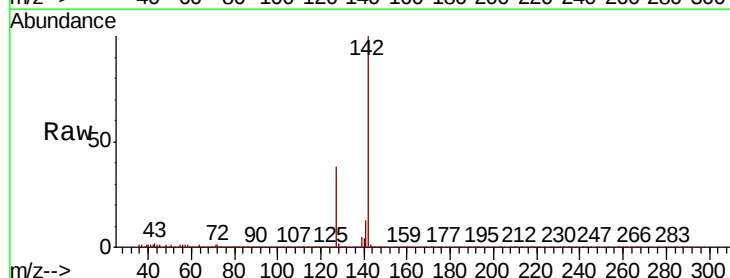
Tgt Ion:142 Resp: 110279

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

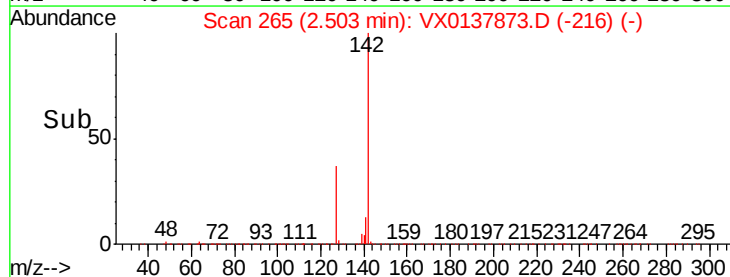
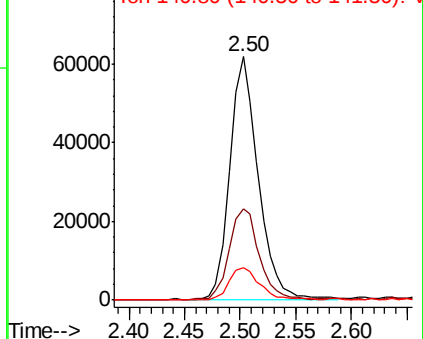
141 14.1 11.6 17.4

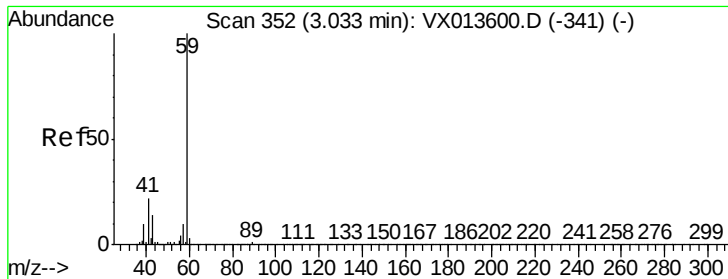


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



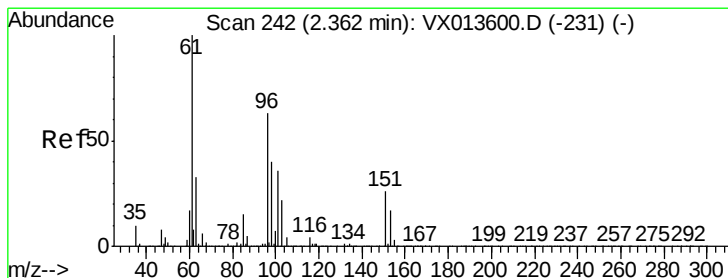
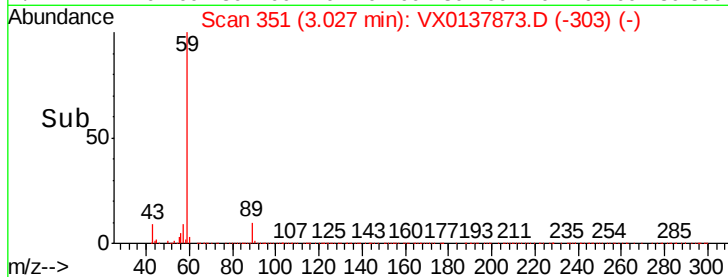
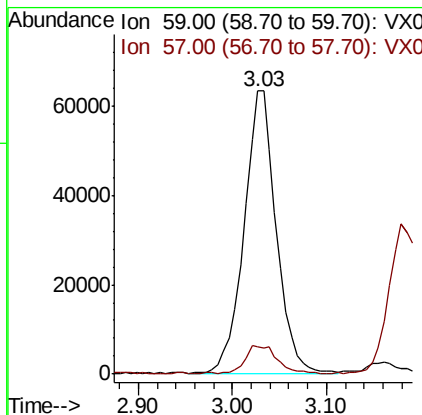
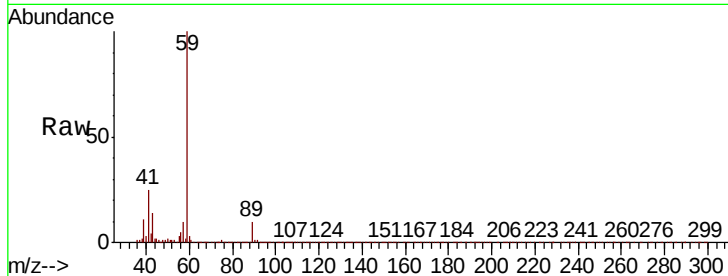


#11

Tert butyl alcohol
 Concen: 94.955 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

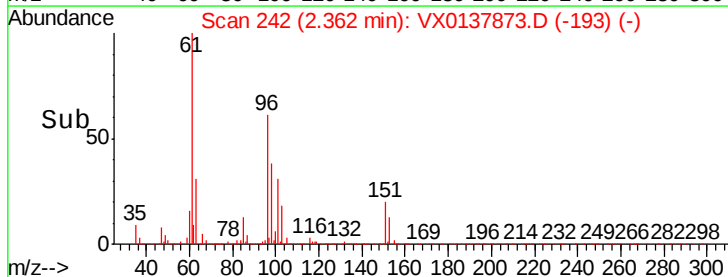
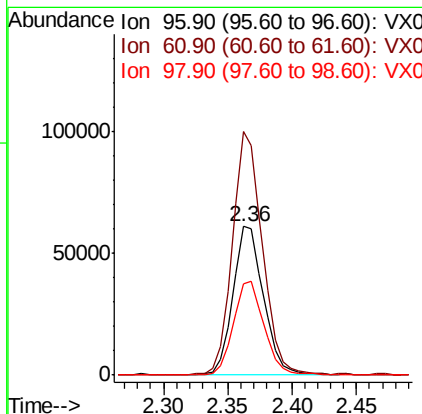
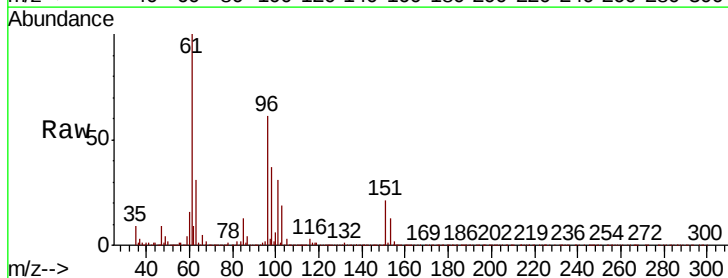
Tot Ion: 59 Resp: 152796
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.8 11.6

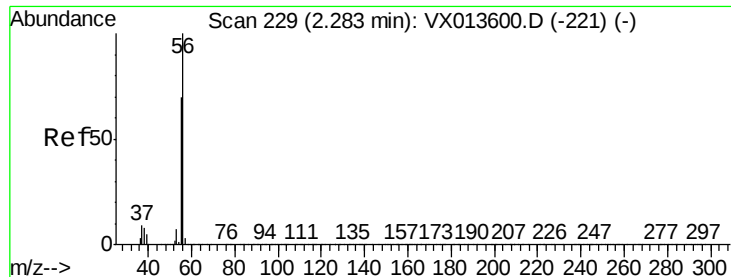


#12

1,1-Dichloroethene
 Concen: 18.597 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion: 96 Resp: 99396
 Ion Ratio Lower Upper
 96 100
 61 164.2 126.6 190.0
 98 61.4 50.6 76.0





#13

Acrolein

Concen: 88.837 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

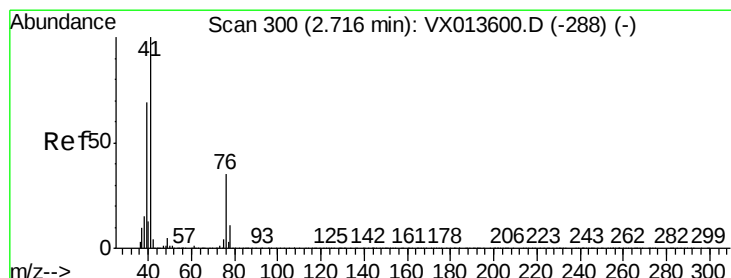
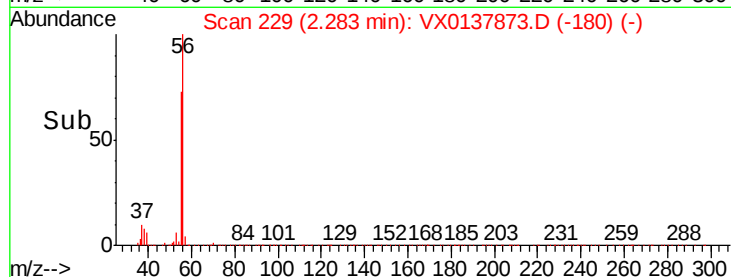
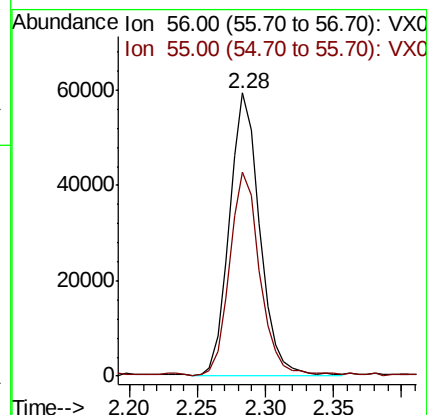
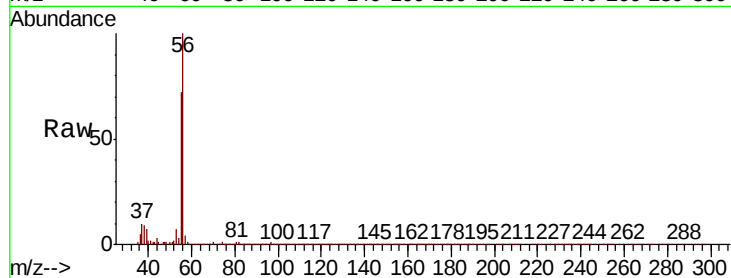
ClientSampleId :

Tot Ion: 56 Resp: 91334

Ion Ratio Lower Upper

56 100

55 71.3 56.2 84.4



#14

Allyl chloride

Concen: 18.636 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

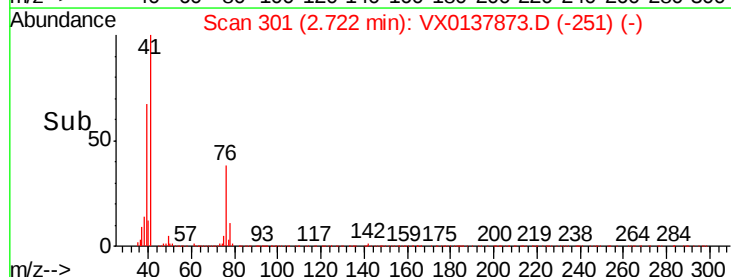
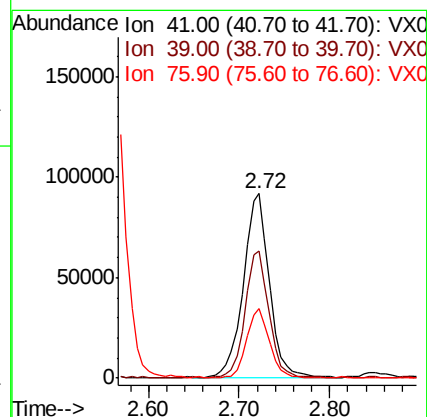
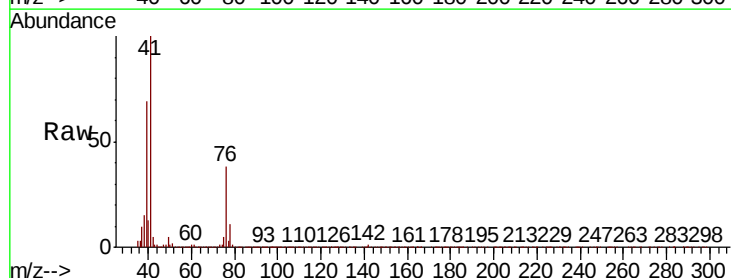
Tgt Ion: 41 Resp: 180760

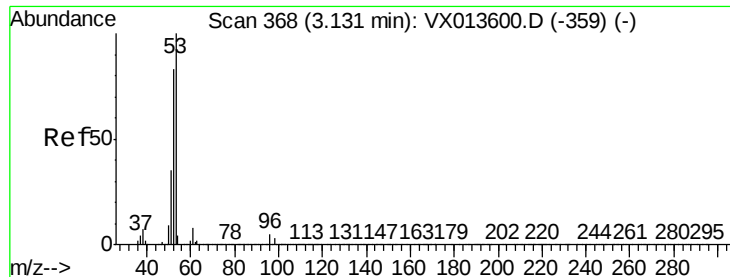
Ion Ratio Lower Upper

41 100

39 64.4 51.7 77.5

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 99.018 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

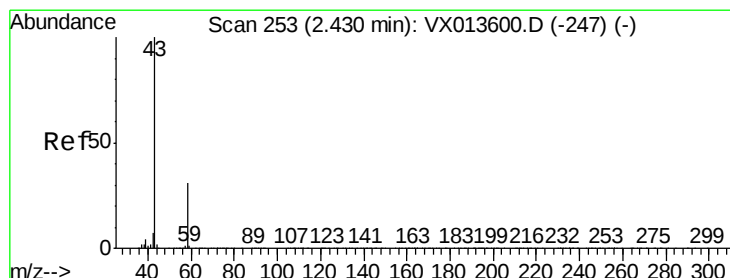
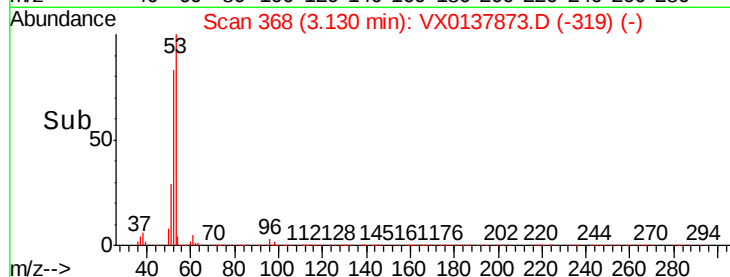
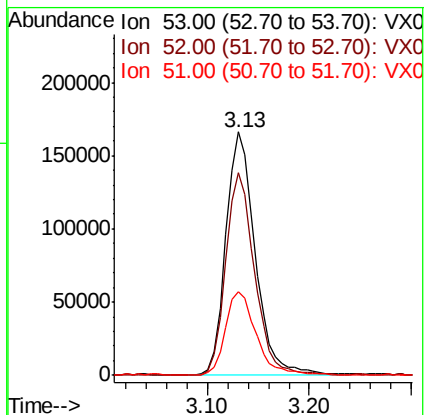
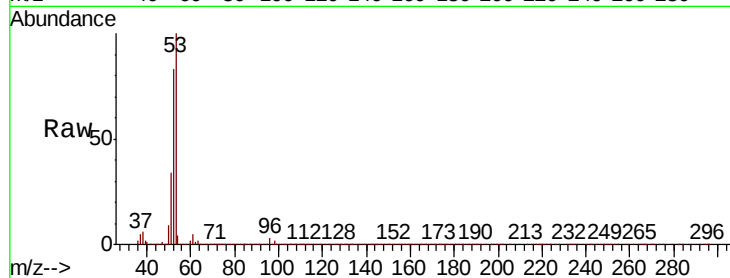
Tot Ion: 53 Resp: 328892

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 35.9 29.0 43.6



#16

Acetone

Concen: 98.038 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX0137873.D

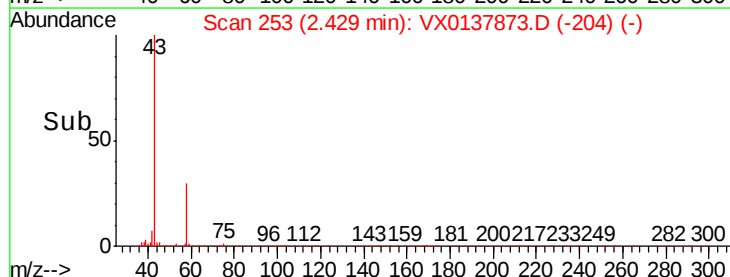
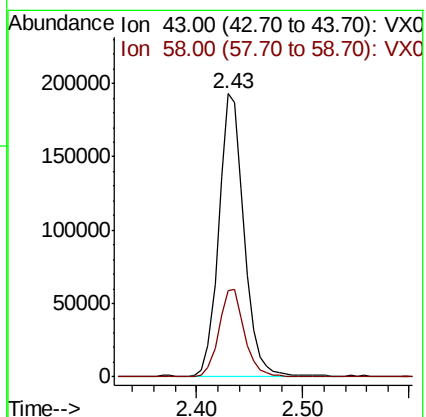
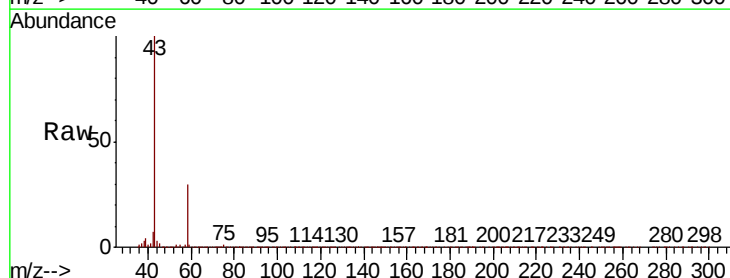
Acq: 10 Dec 2019 00:44

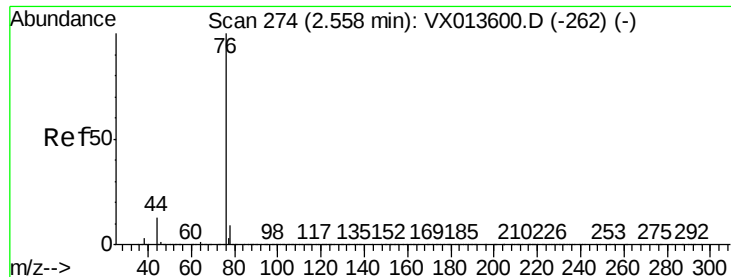
Tgt Ion: 43 Resp: 315544

Ion Ratio Lower Upper

43 100

58 30.5 24.6 36.8

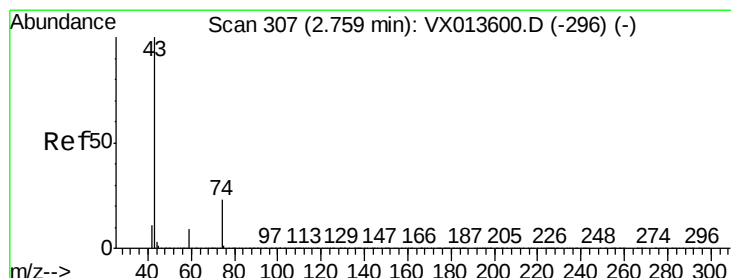
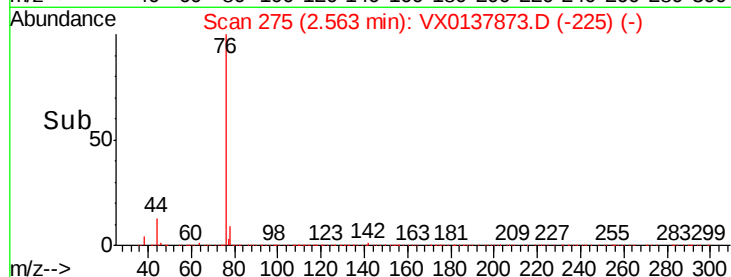
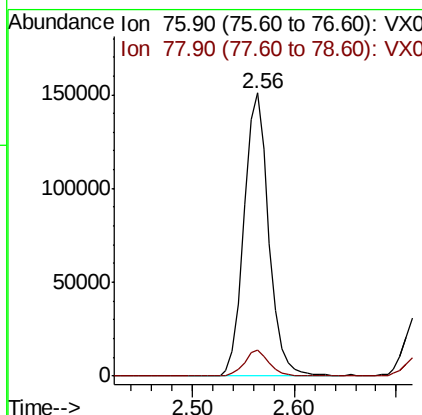
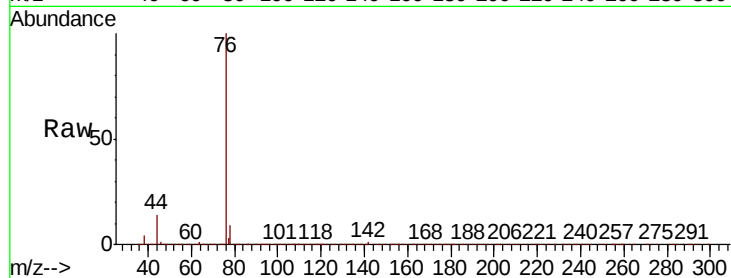




#17
Carbon Disulfide
Concen: 16.660 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

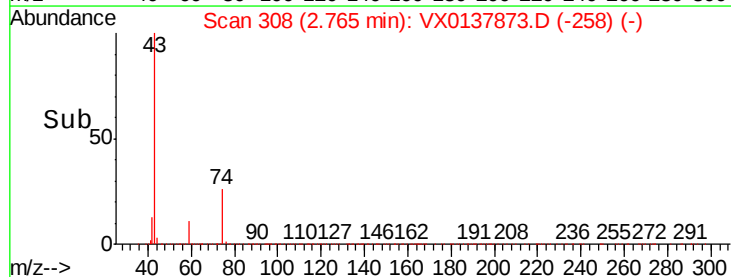
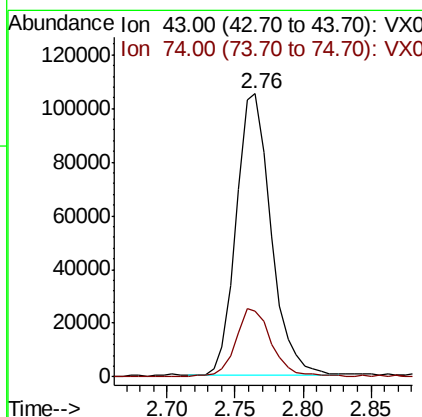
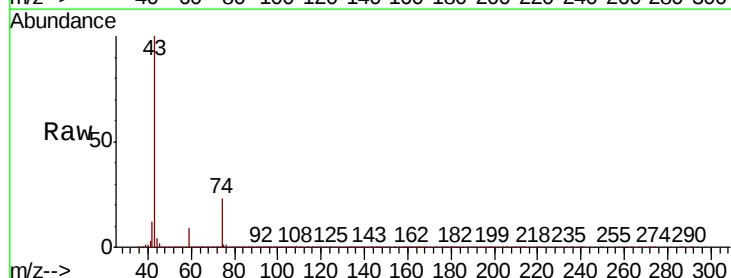
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 253841
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.084 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 43 Resp: 188969
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3

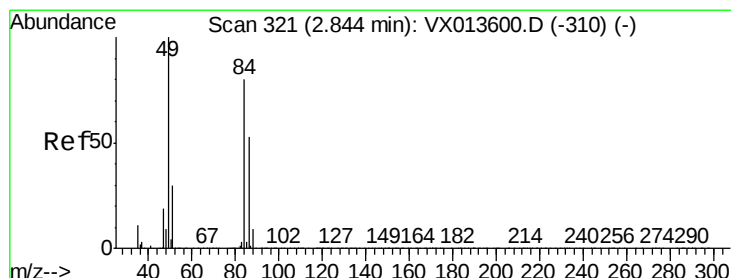
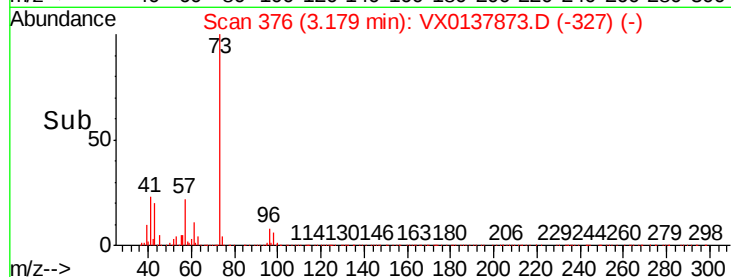
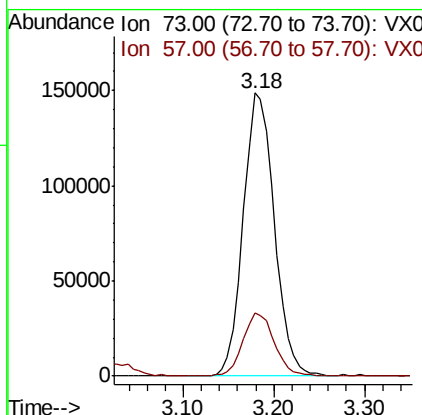
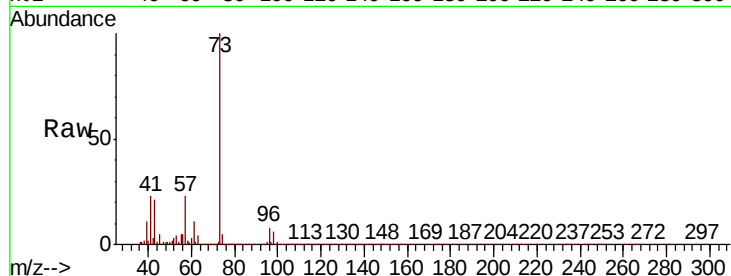




#19
Methyl tert-butyl Ether
Concen: 20.003 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

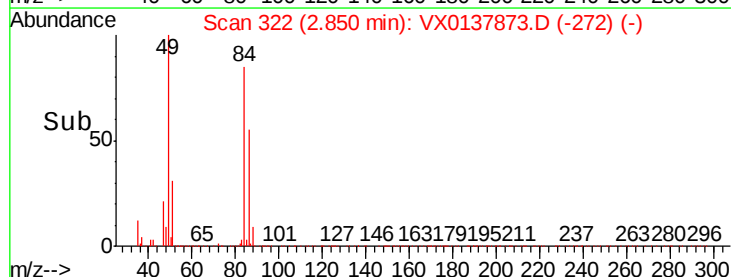
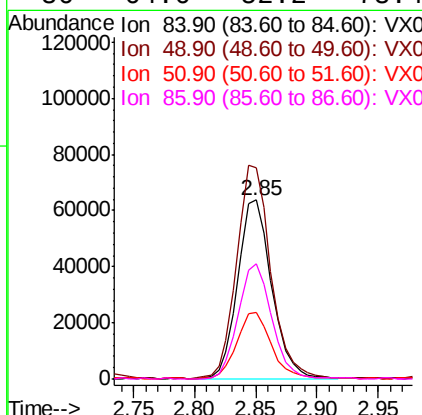
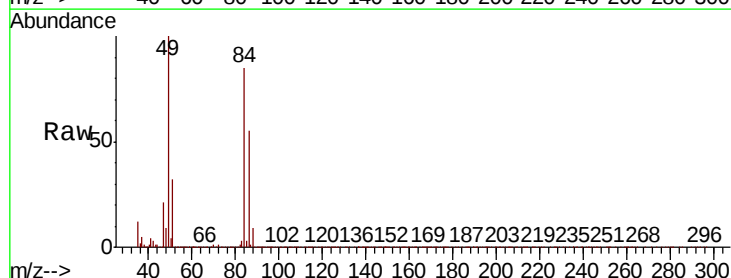
Instrument :
MSVOA_X
ClientSampleId :

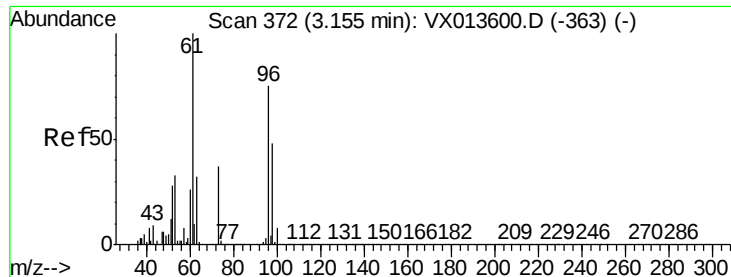
Tot Ion: 73 Resp: 354169
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 19.846 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 84 Resp: 122718
Ion Ratio Lower Upper
84 100
49 118.3 99.7 149.5
51 37.2 29.9 44.9
86 64.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.284 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

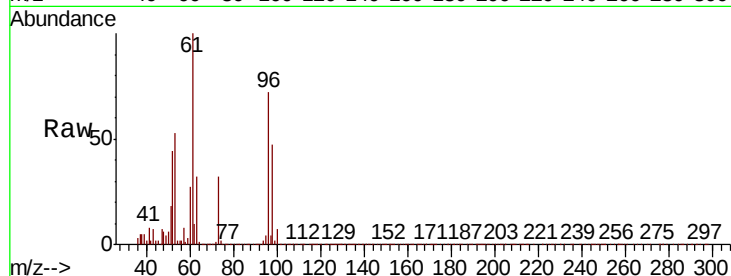
Tot Ion: 96 Resp: 106462

Ion Ratio Lower Upper

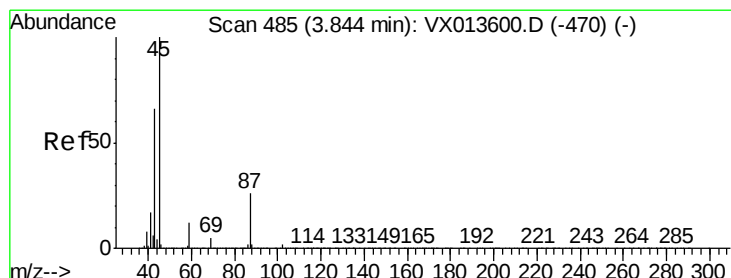
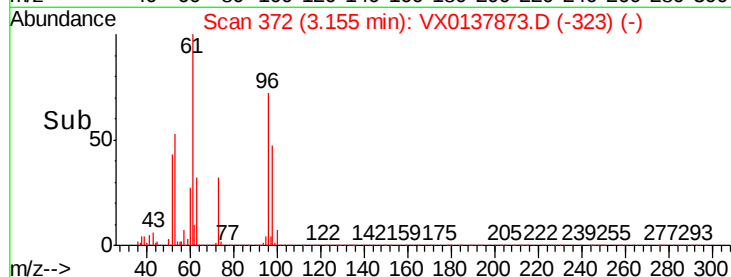
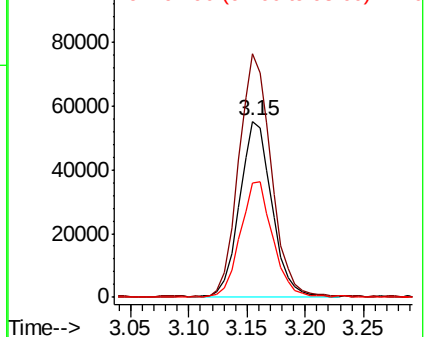
96 100

61 138.8 107.2 160.8

98 64.7 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: 20.339 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion: 45 Resp: 379857

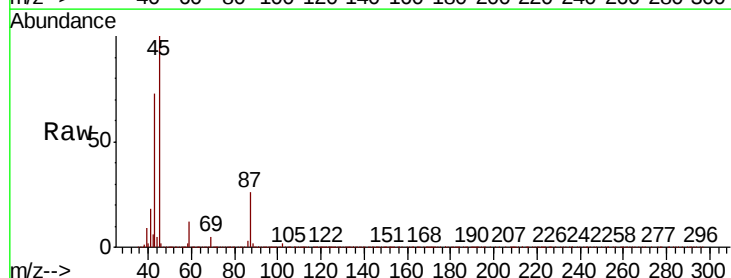
Ion Ratio Lower Upper

45 100

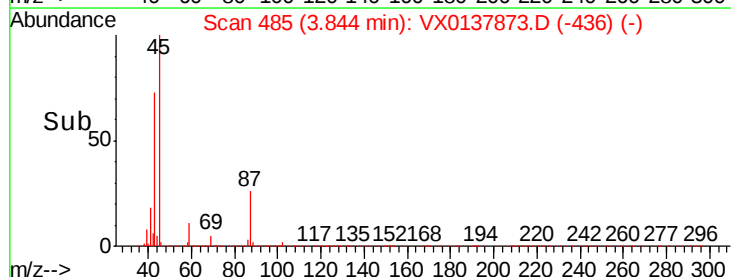
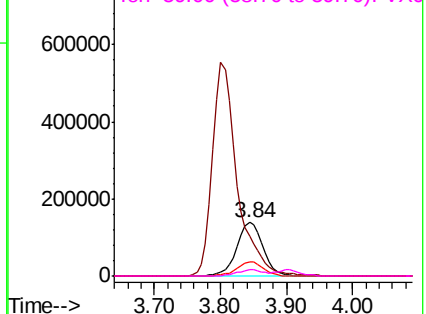
43 72.5 52.6 79.0

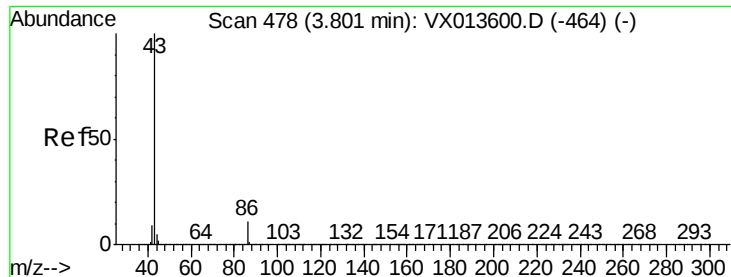
87 26.1 21.1 31.7

59 11.5 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: 92.739 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

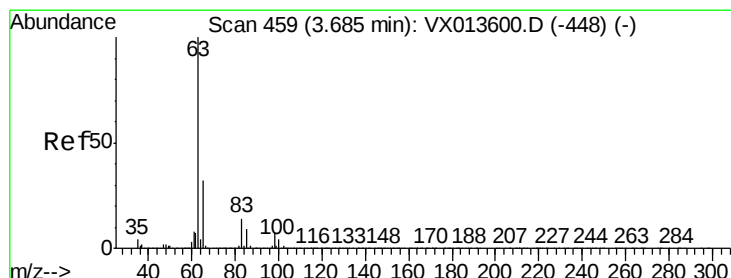
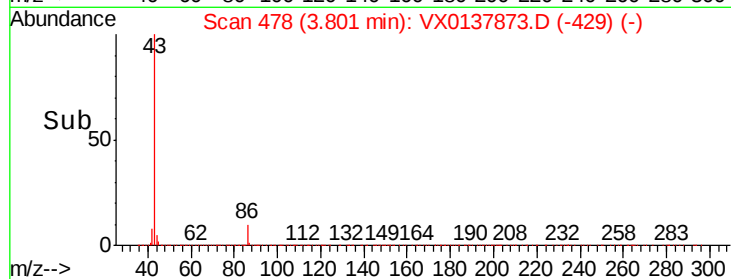
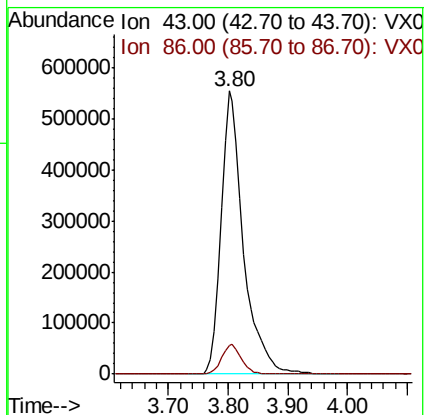
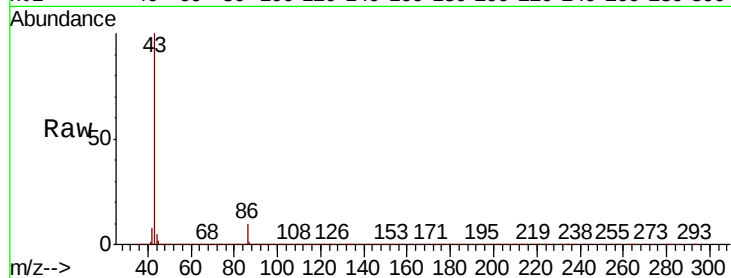
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1440880

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.959 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

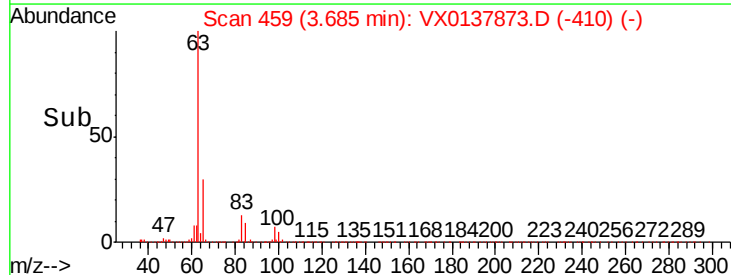
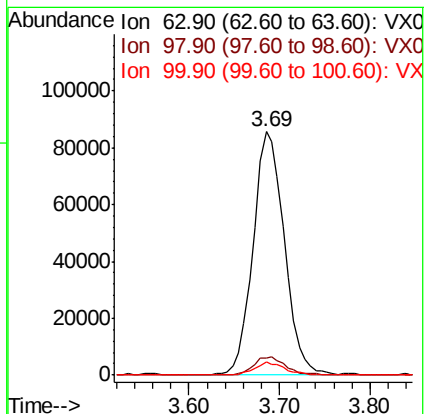
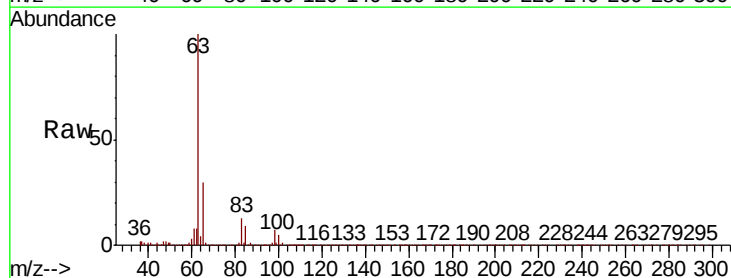
Tgt Ion: 63 Resp: 203776

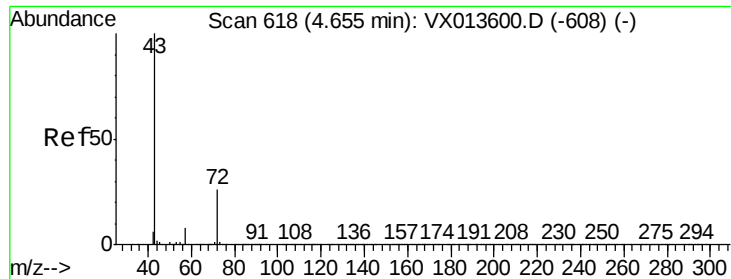
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 97.906 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

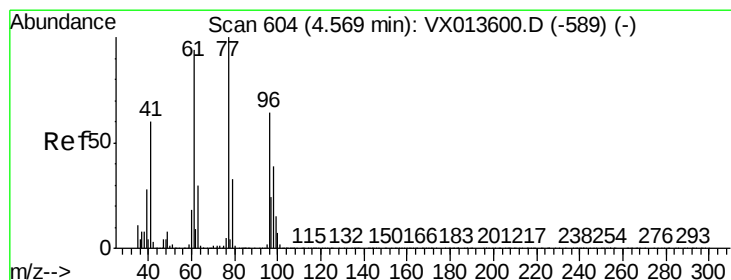
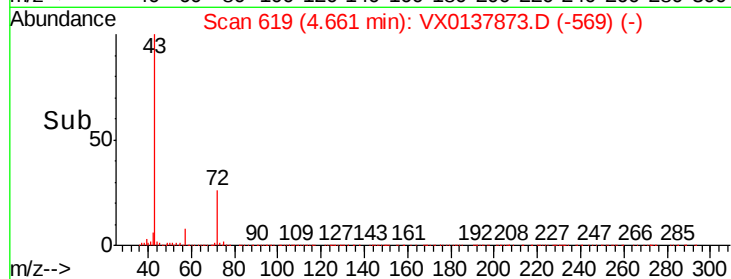
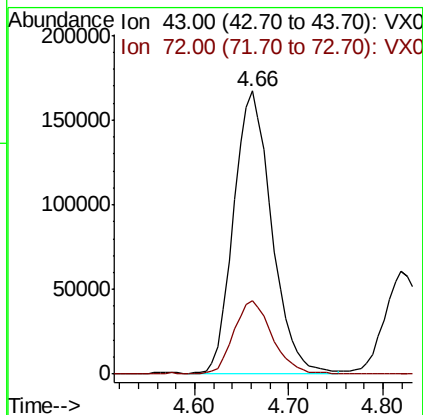
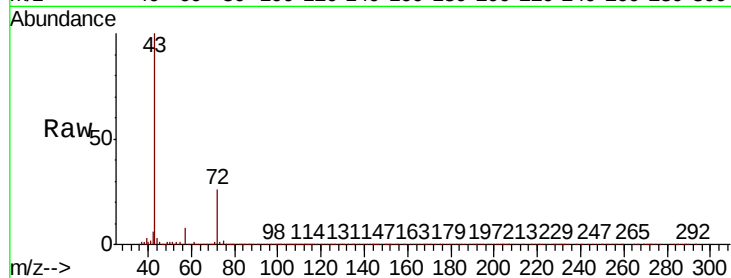
ClientSampleId :

Tot Ion: 43 Resp: 468325

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 14.735 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX0137873.D

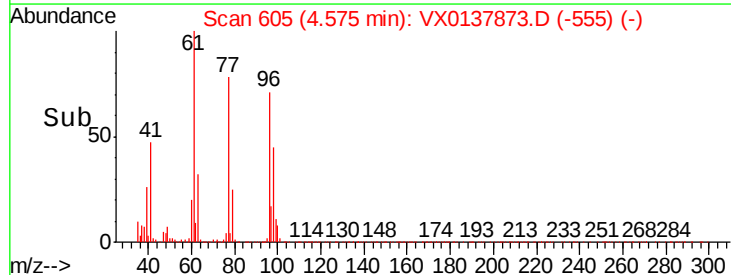
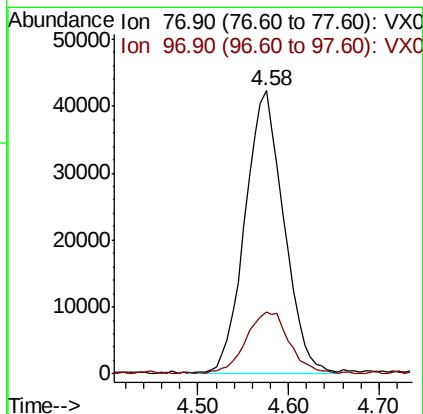
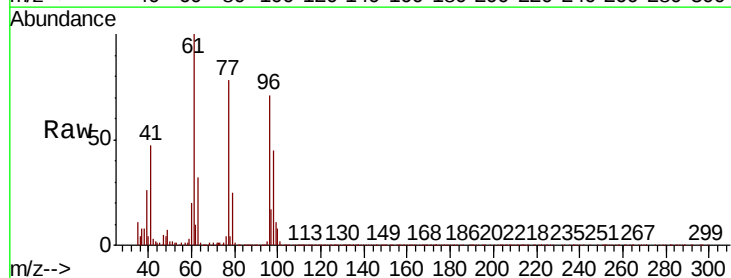
Acq: 10 Dec 2019 00:44

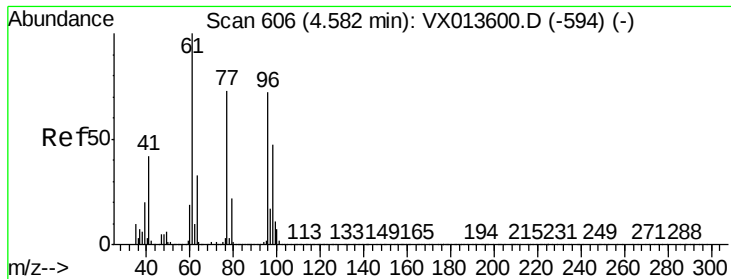
Tgt Ion: 77 Resp: 124468

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1



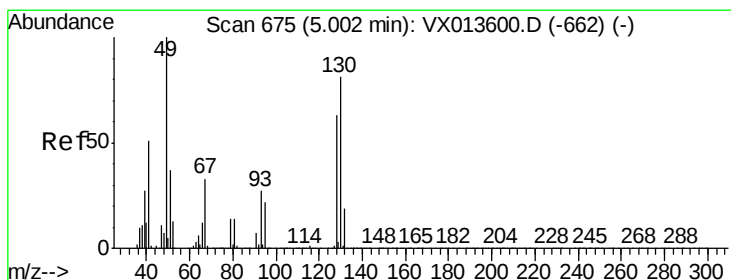
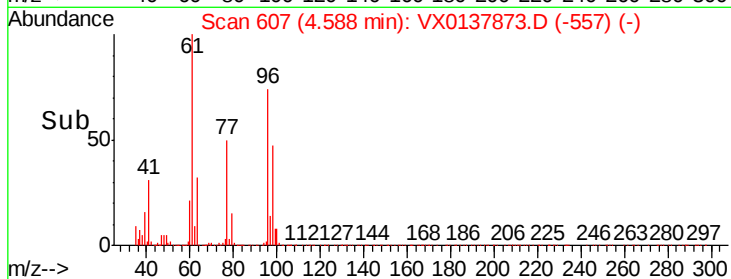
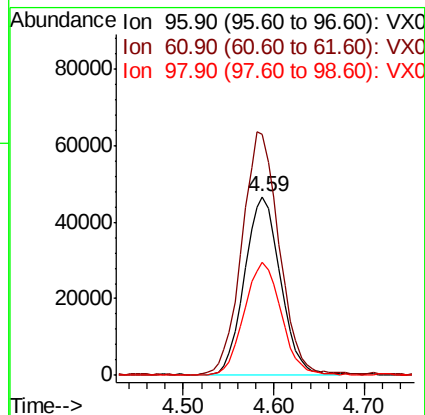
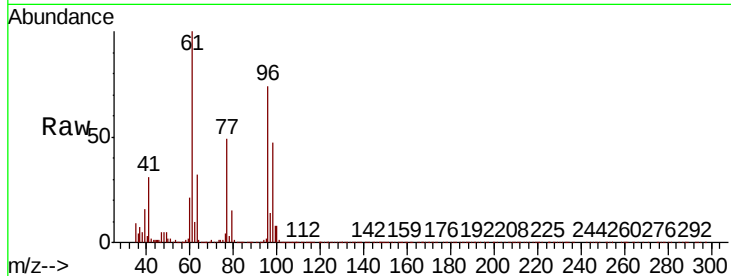


#27

cis-1,2-Dichloroethene
Concen: 18.981 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

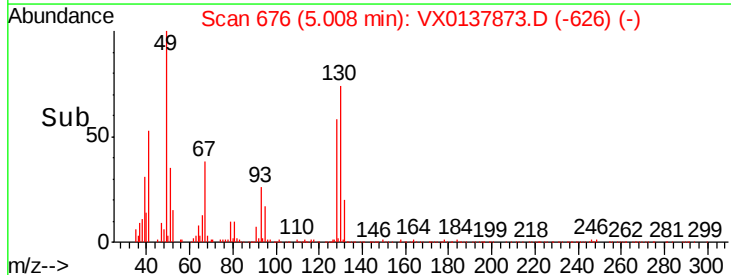
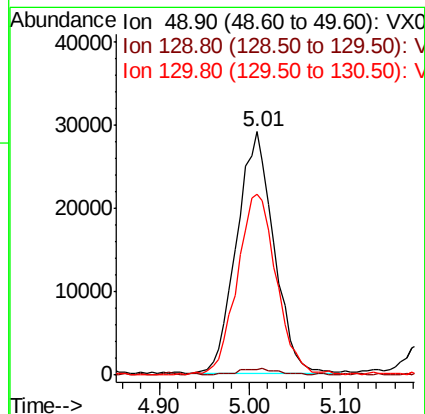
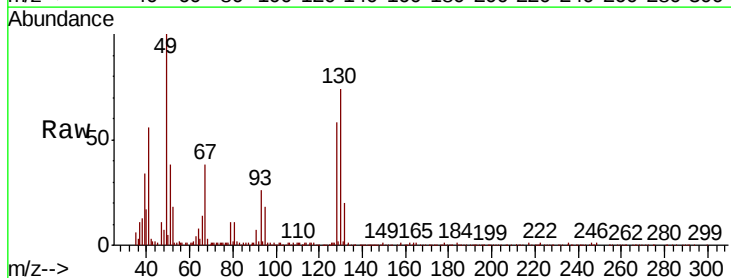
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	286.4
98	65.2	0.0	127.4

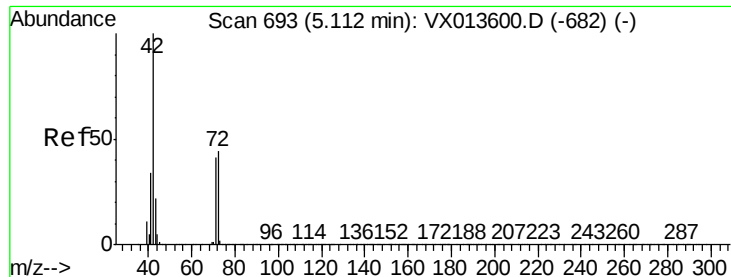


#28

Bromochloromethane
Concen: 20.304 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	79.5	65.4	98.0





#29

Tetrahydrofuran

Concen: 101.809 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

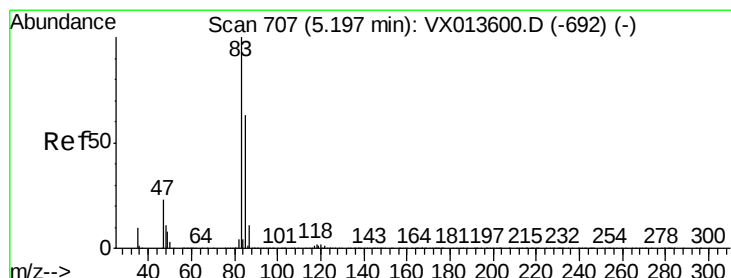
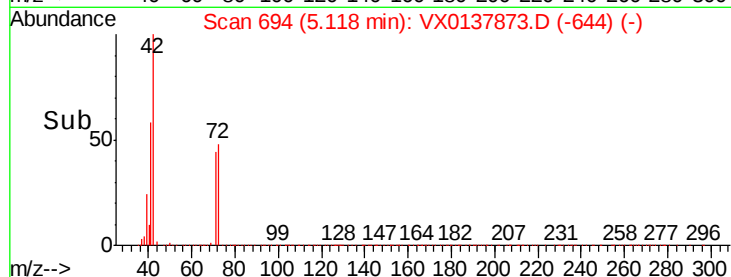
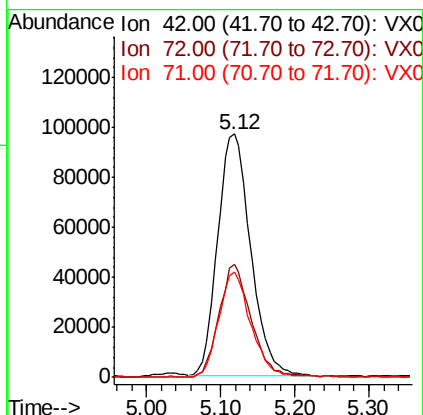
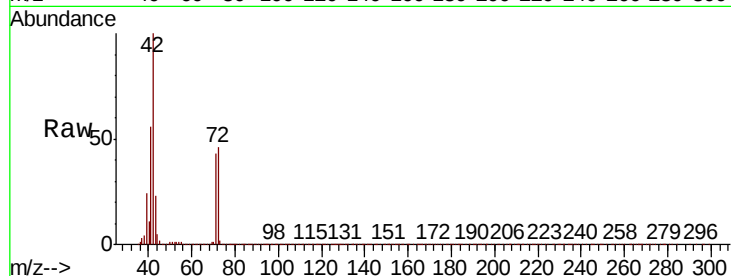
Tot Ion: 42 Resp: 300219

Ion Ratio Lower Upper

42 100

72 44.9 36.3 54.5

71 41.5 33.2 49.8



#30

Chloroform

Concen: 19.090 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX0137873.D

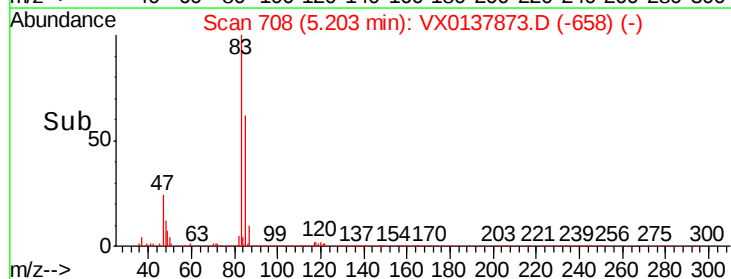
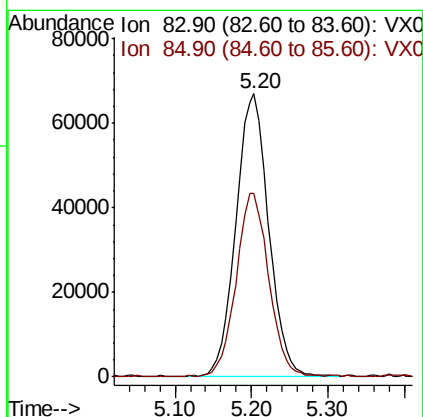
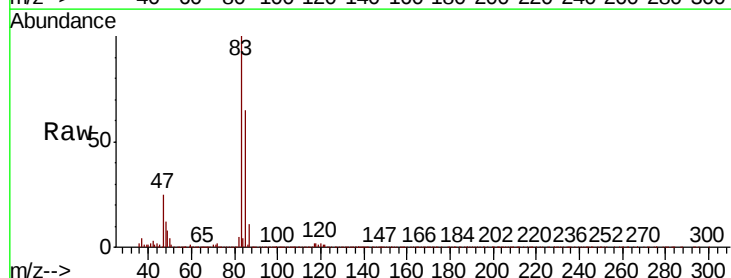
Acq: 10 Dec 2019 00:44

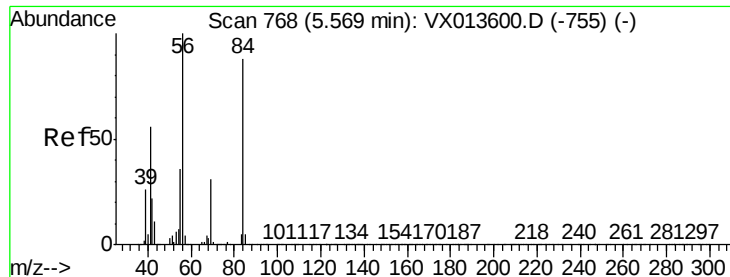
Tgt Ion: 83 Resp: 197663

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

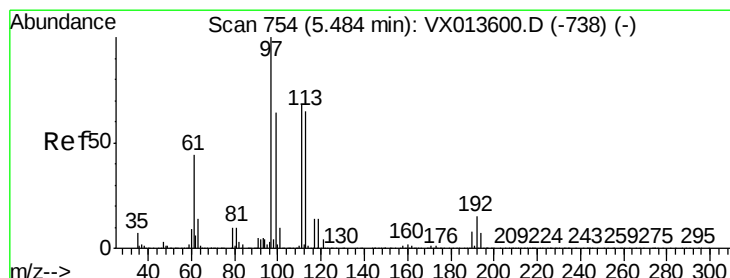
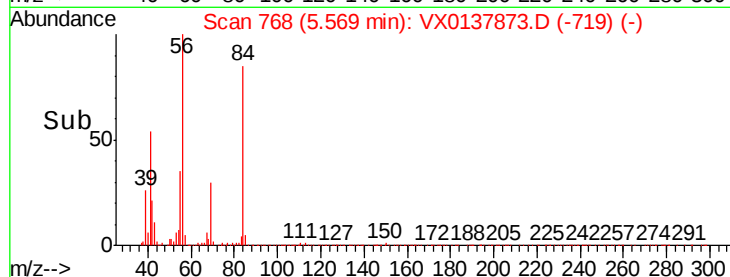
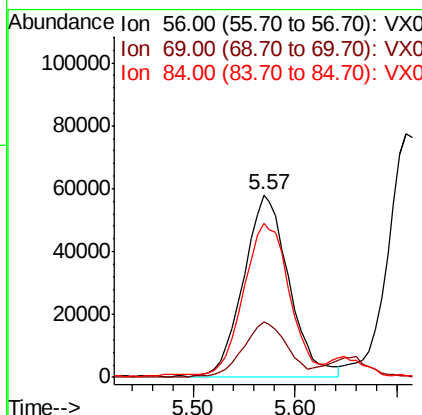
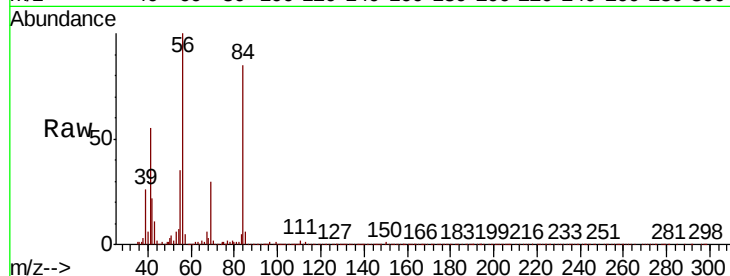




#31
Cyclohexane
Concen: 18.565 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

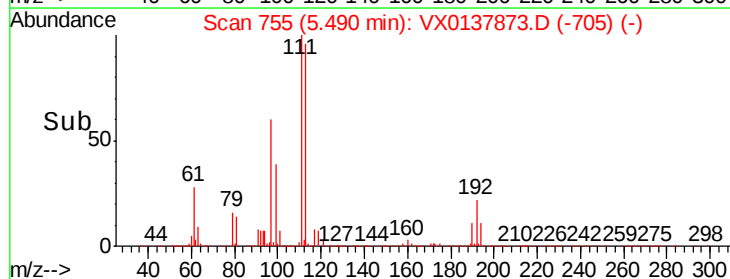
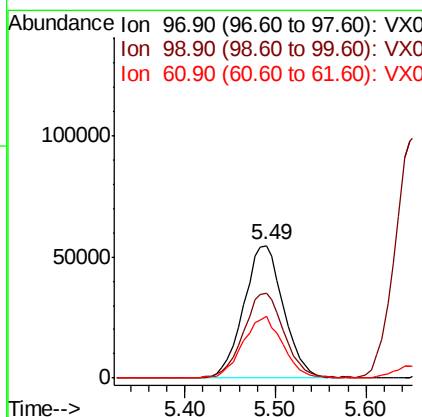
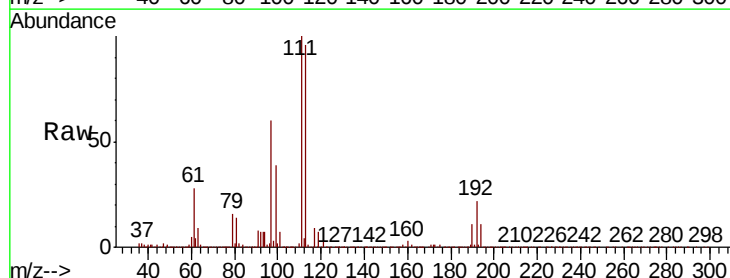
Instrument :
MSVOA_X
ClientSampled :

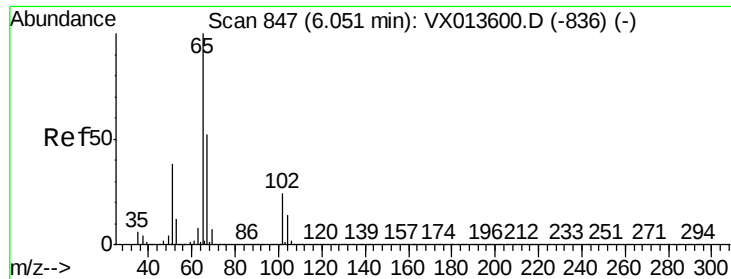
Tot Ion: 56 Resp: 178783
Ion Ratio Lower Upper
56 100
69 29.9 24.6 36.8
84 83.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.132 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 97 Resp: 165541
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 46.3 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 45.104 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

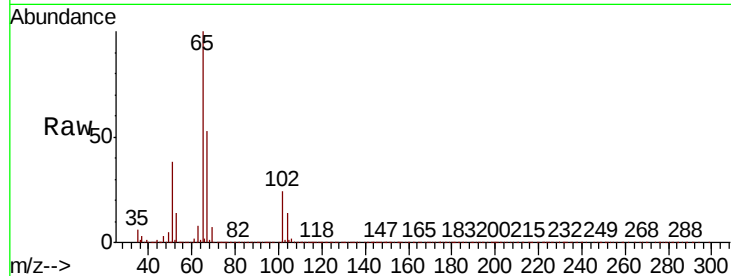
ClientSampleId :

Tot Ion: 65 Resp: 294036

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

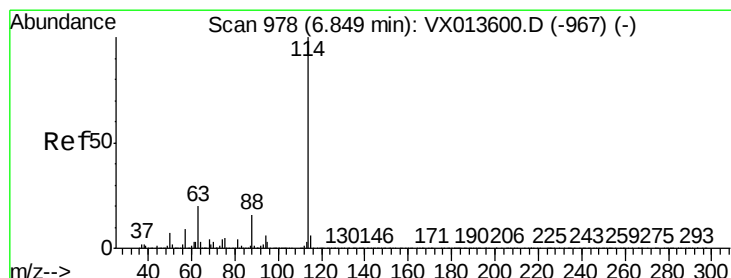
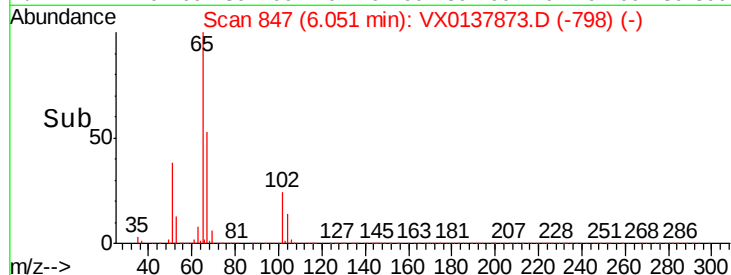
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

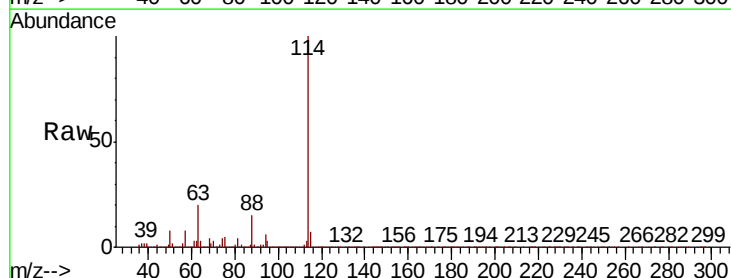
Tgt Ion: 114 Resp: 872535

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

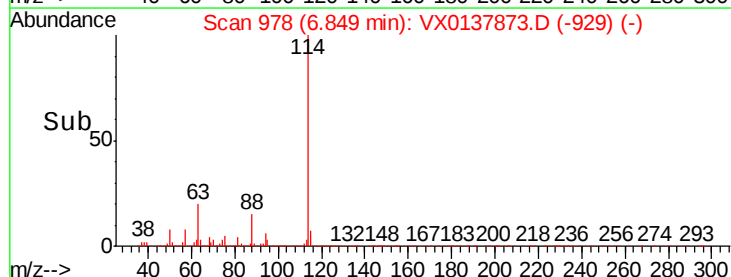
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.625 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

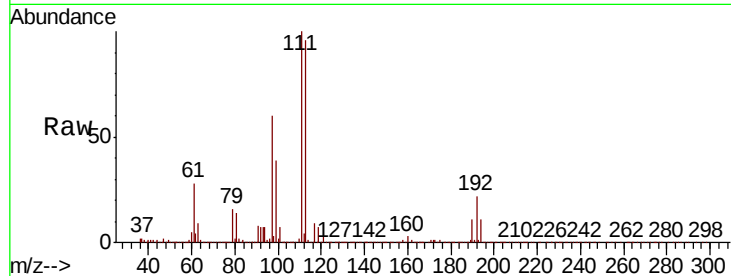
Tot Ion:113 Resp: 246104

Ion Ratio Lower Upper

113 100

111 103.7 83.6 125.4

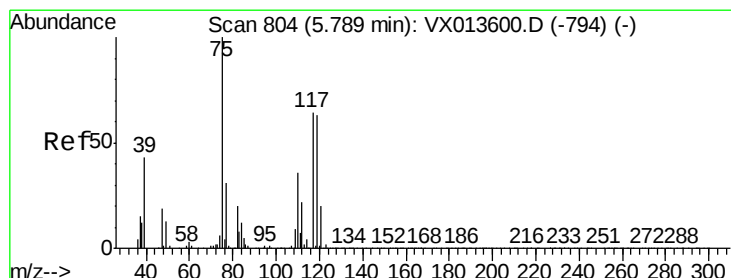
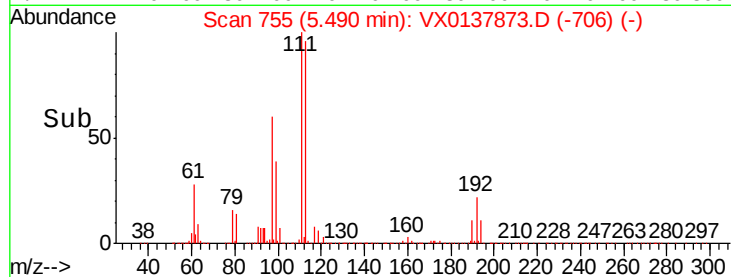
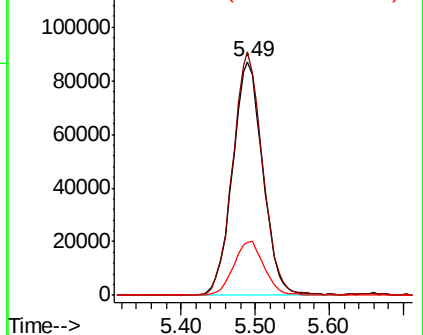
192 23.6 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.232 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

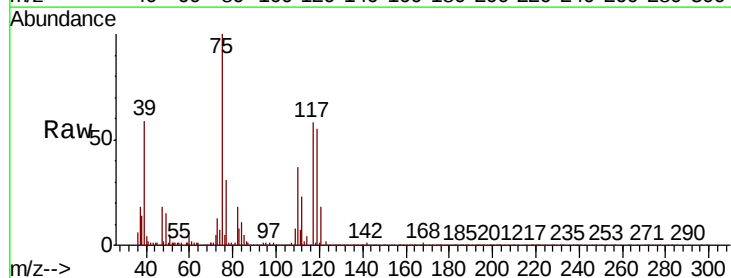
Tgt Ion: 75 Resp: 144404

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.1

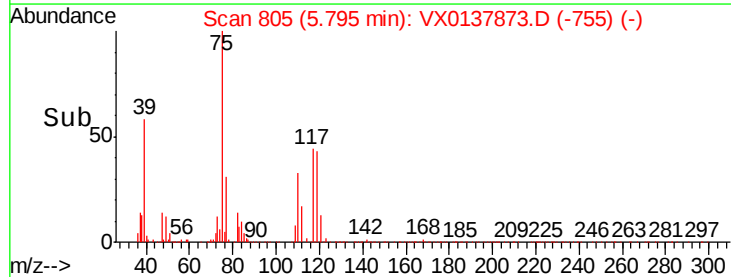
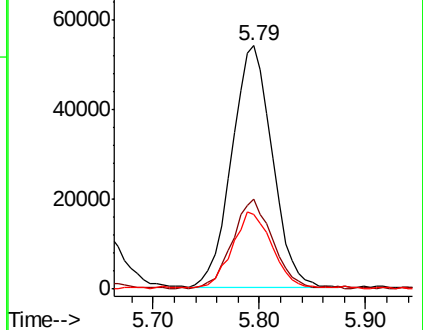
77 30.7 24.5 36.7

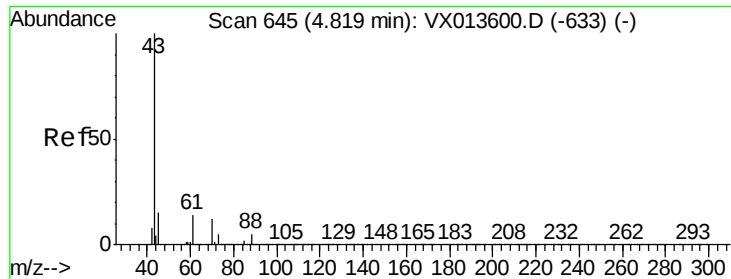


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

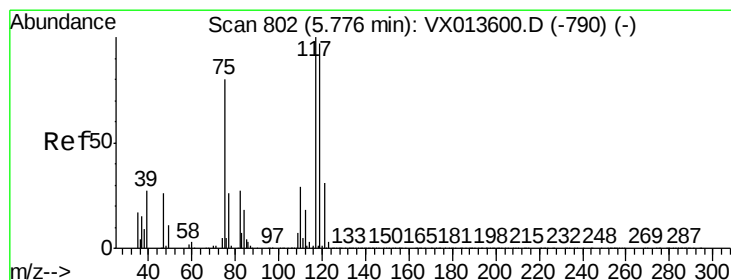
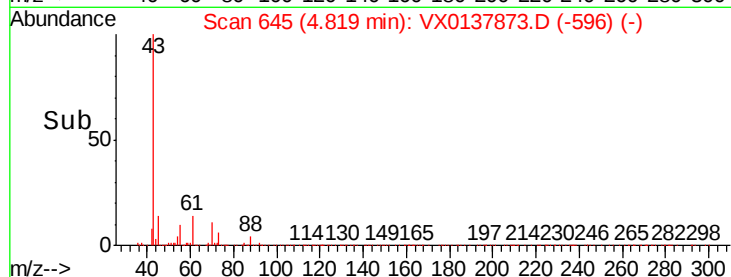
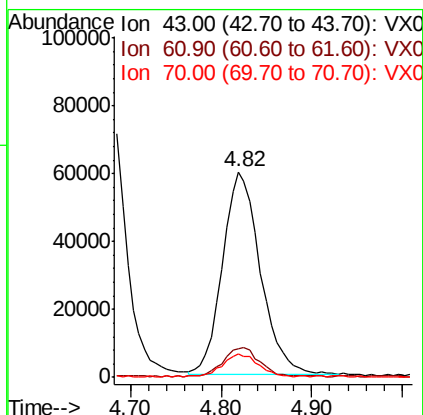
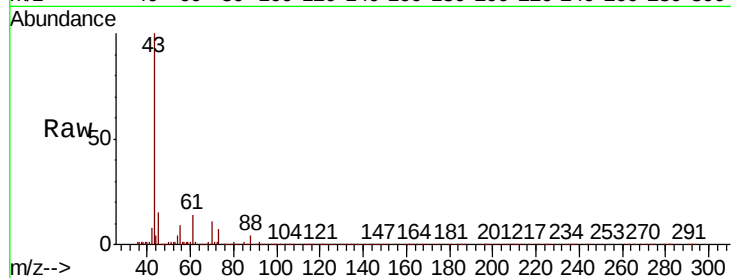




#37
Ethyl Acetate
Concen: 19.624 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

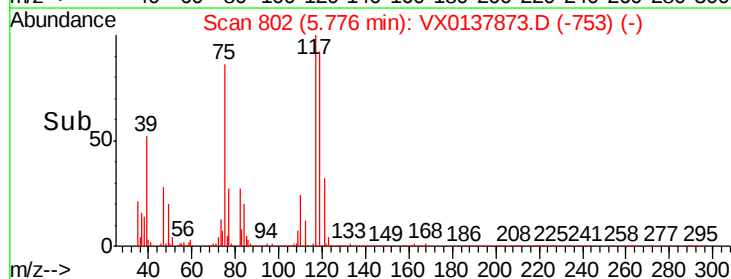
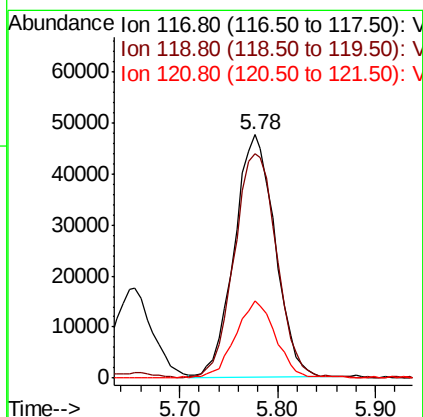
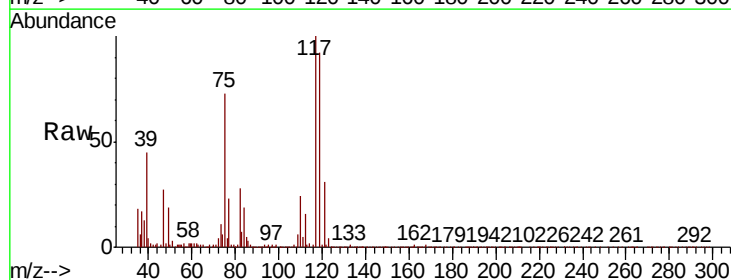
Instrument :
MSVOA_X
ClientSampleId :

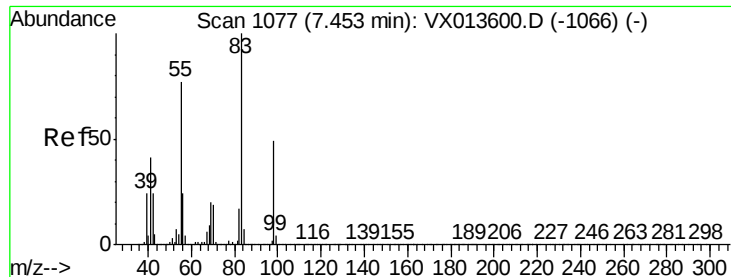
Tot Ion: 43 Resp: 174369
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.4
70 10.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.762 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 117 Resp: 137023
Ion Ratio Lower Upper
117 100
119 92.0 77.5 116.3
121 31.3 25.0 37.6

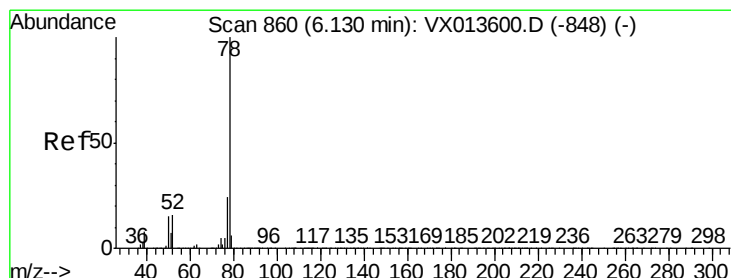
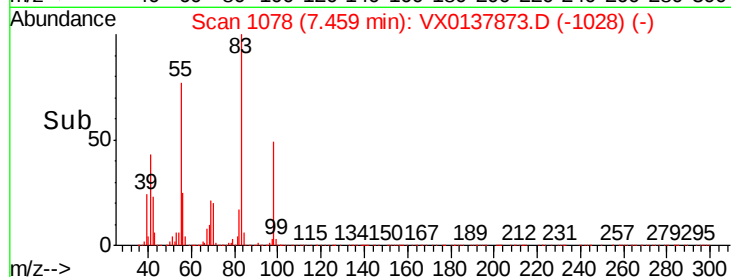
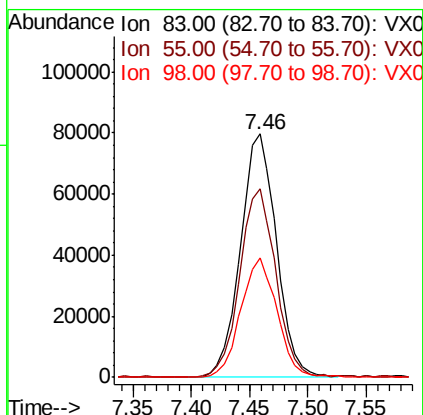
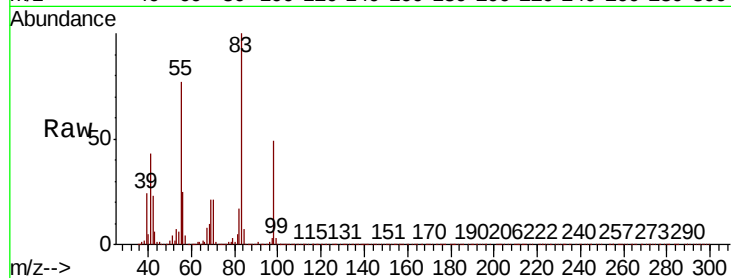




#39
Methvlcvclohexane
Concen: 17.462 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

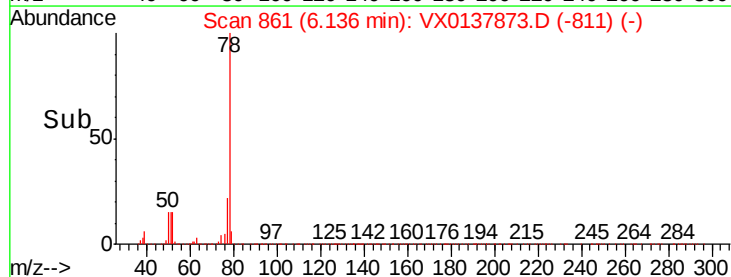
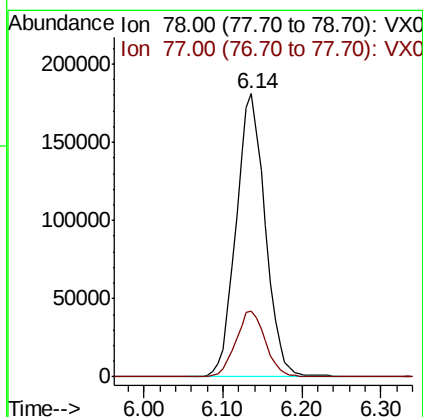
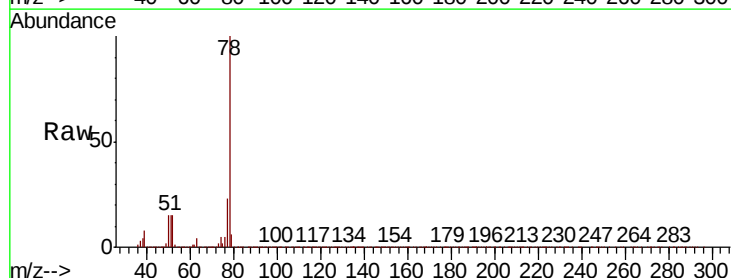
Instrument :
MSVOA_X
ClientSampleId :

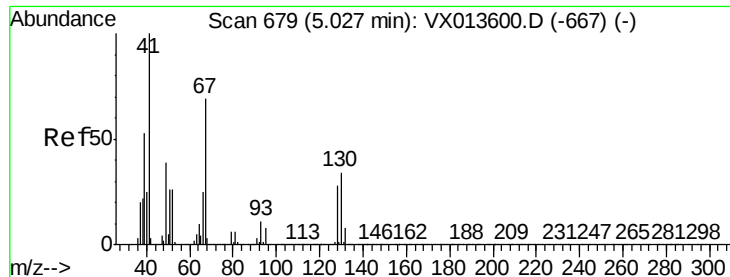
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.9	92.9
98	48.9	39.4	59.0



#40
Benzene
Concen: 19.264 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4

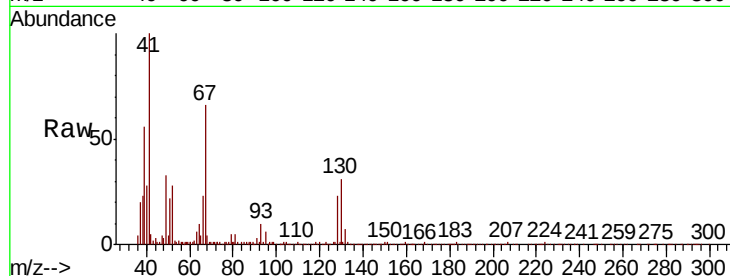




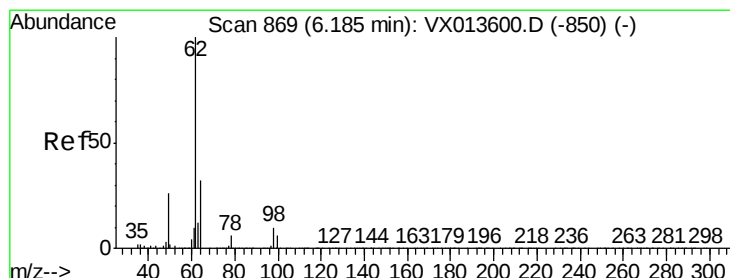
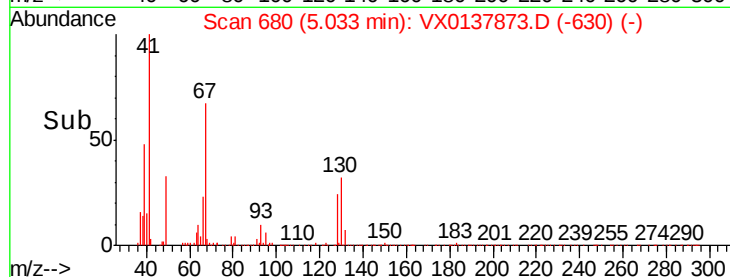
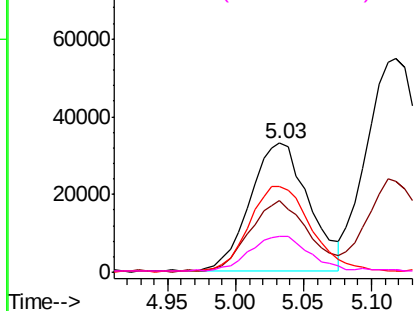
#41
Methacrylonitrile
Concen: 20.413 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	99474
Ion	Ratio	Lower	Upper
41	100		
39	56.7	42.9	64.3
67	70.0	57.4	86.0
52	29.0	22.4	33.6

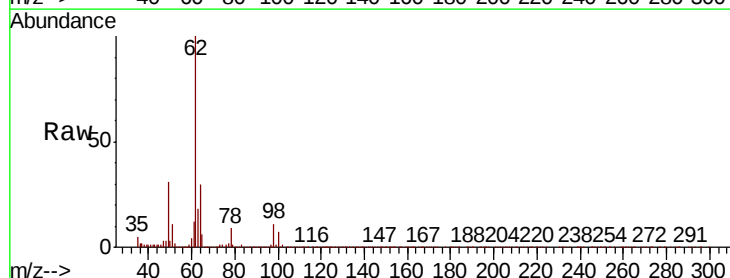


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

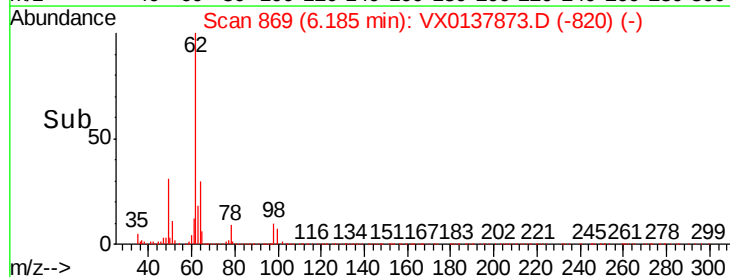
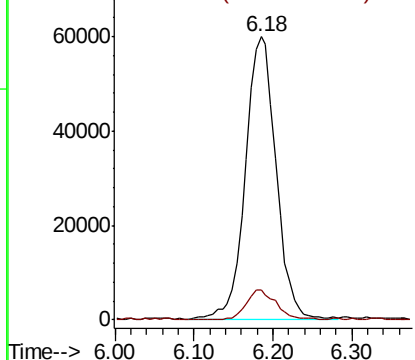


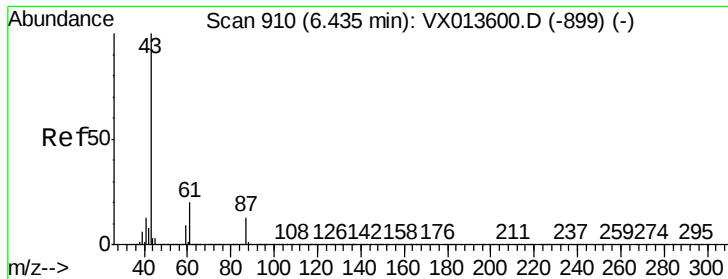
#42
1,2-Dichloroethane
Concen: 19.786 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion:	62	Resp:	162776
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



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



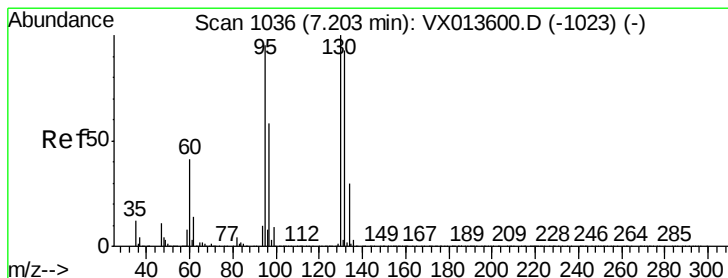
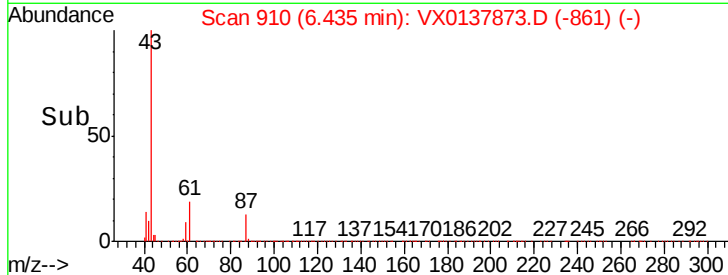
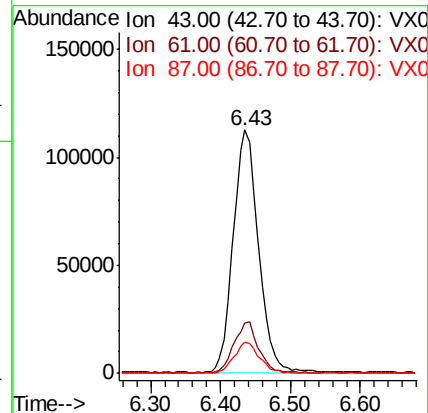
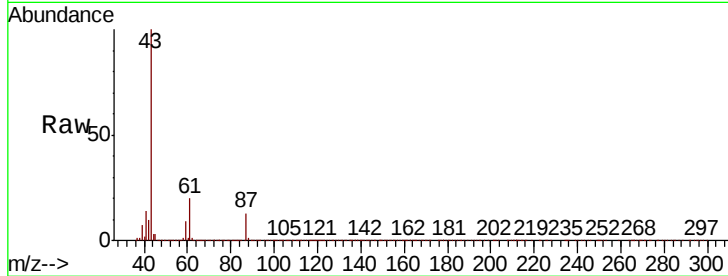


#43

Isopropyl Acetate
 Concen: 19.346 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

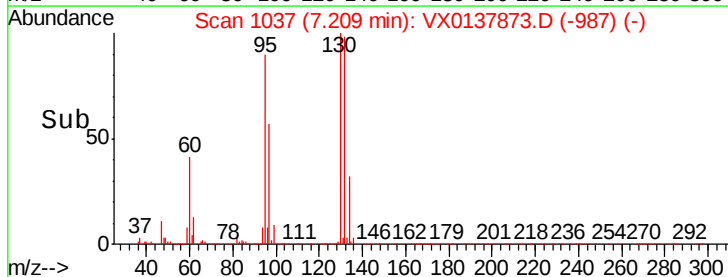
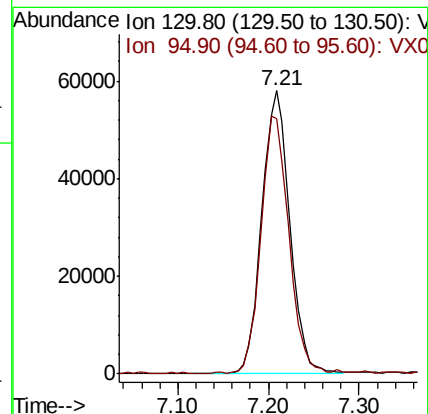
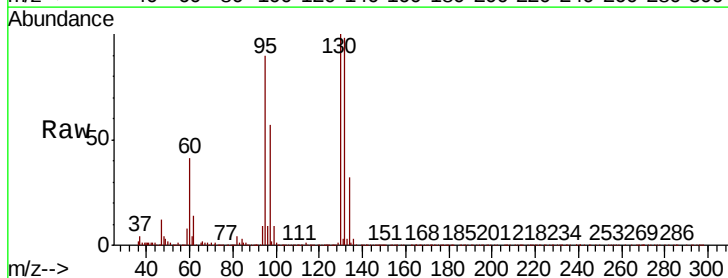
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.0	10.8	16.2

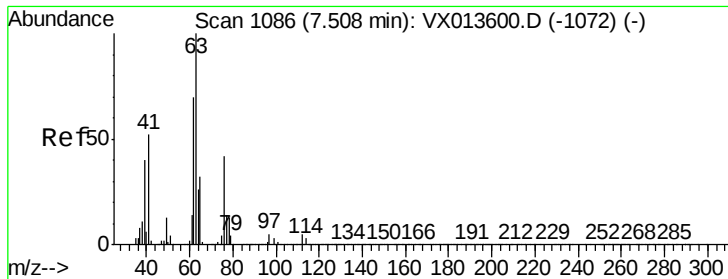


#44

Trichloroethene
 Concen: 18.790 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.092 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

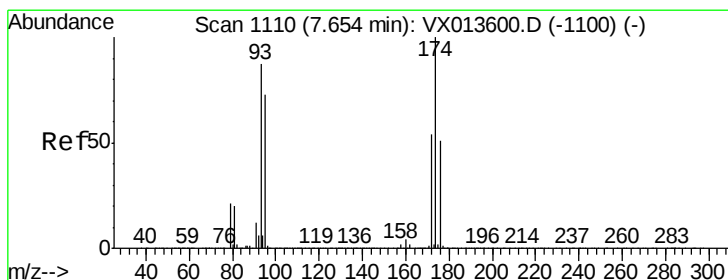
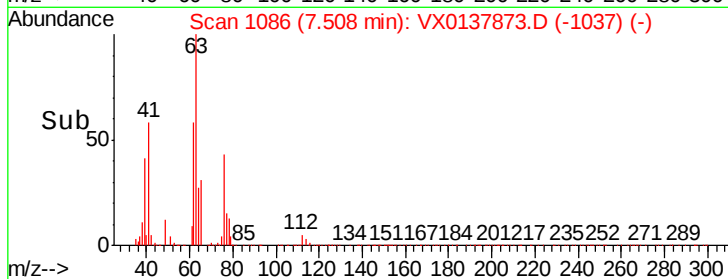
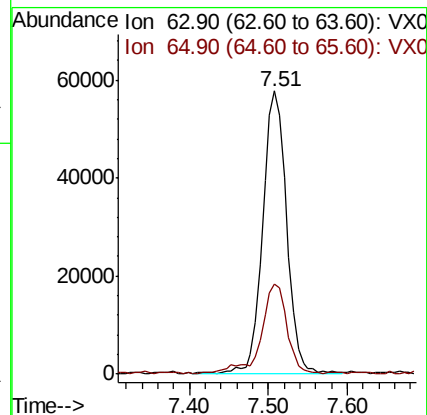
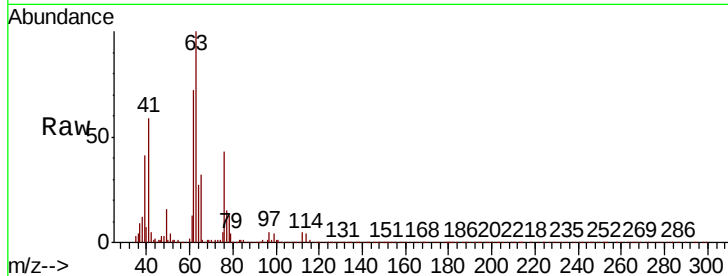
ClientSampleId :

Tot Ion: 63 Resp: 121267

Ion Ratio Lower Upper

63 100

65 31.7 25.5 38.3



#46

Dibromomethane

Concen: 18.730 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

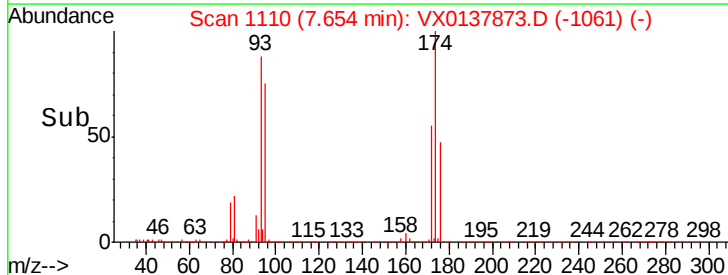
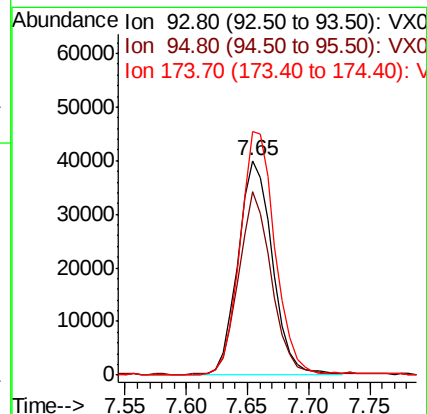
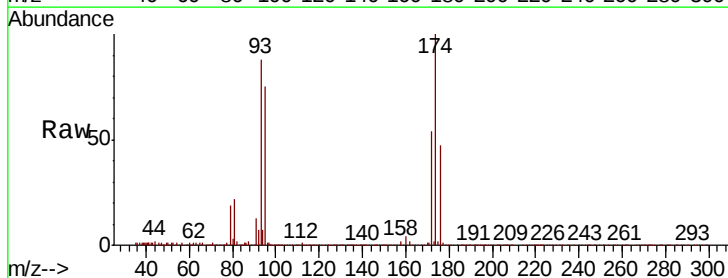
Tgt Ion: 93 Resp: 76778

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 117.1 93.4 140.0





#47

Bromodichloromethane

Concen: 18.999 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

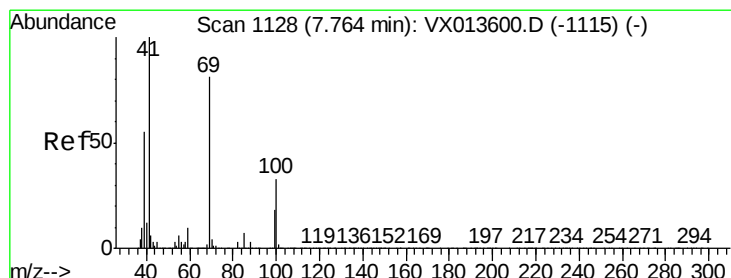
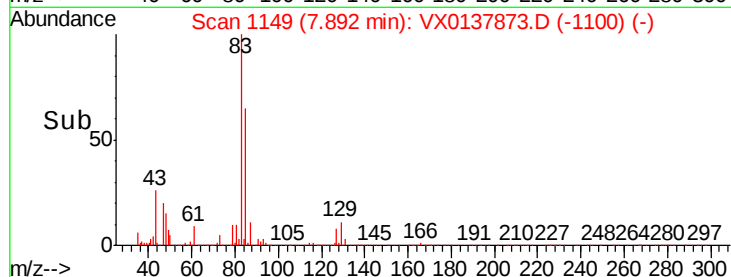
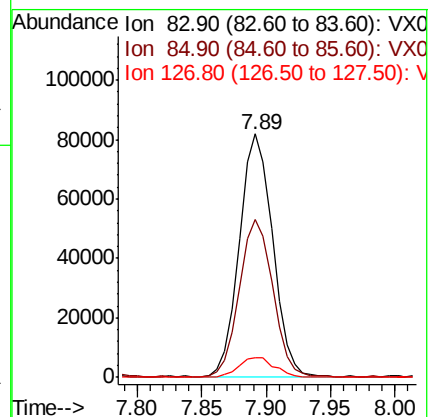
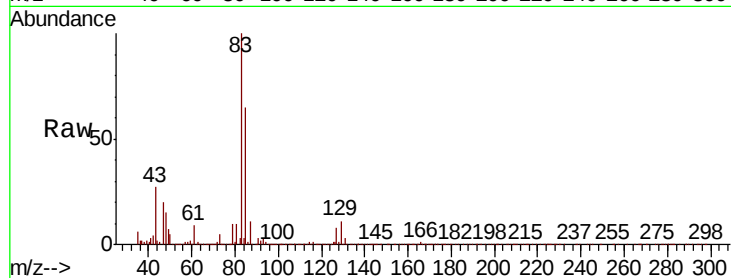
Tot Ion: 83 Resp: 147233

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

127 7.6 7.0 10.4



#48

Methyl methacrylate

Concen: 19.751 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

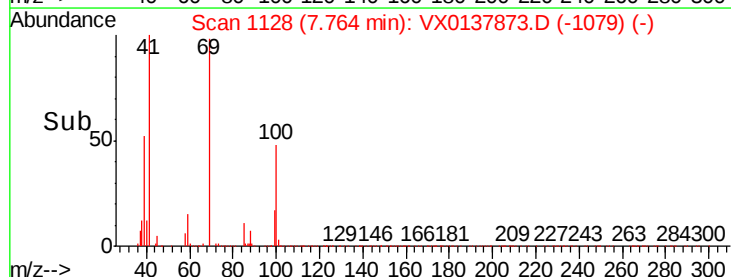
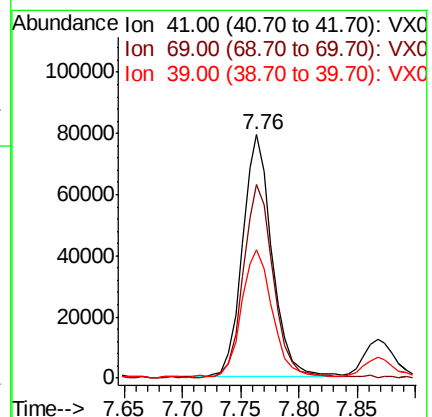
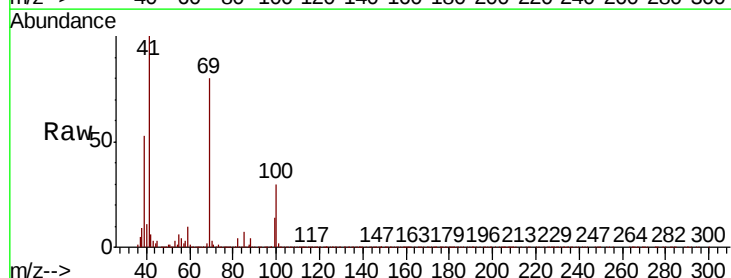
Tgt Ion: 41 Resp: 140384

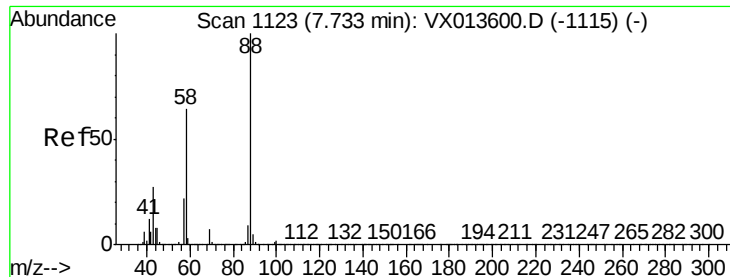
Ion Ratio Lower Upper

41 100

69 80.9 64.7 97.1

39 54.5 43.8 65.6





#49

1,4-Dioxane

Concen: 348.987 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampled :

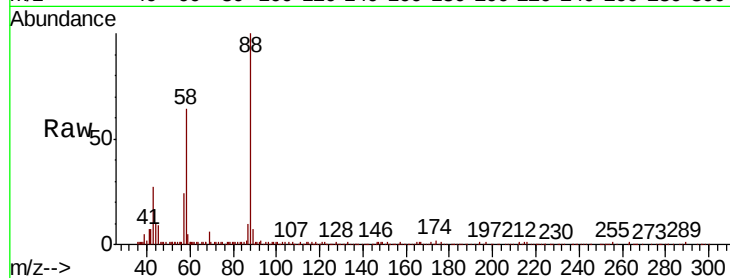
Tot Ion: 88 Resp: 55522

Ion Ratio Lower Upper

88 100

43 33.7 25.8 38.6

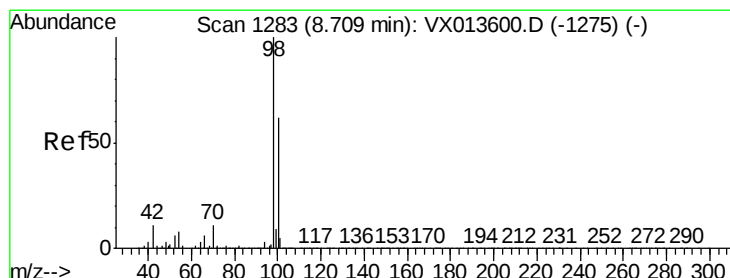
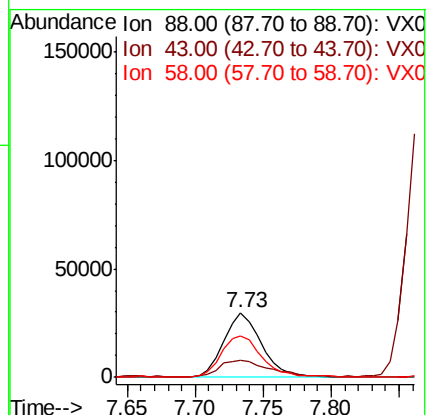
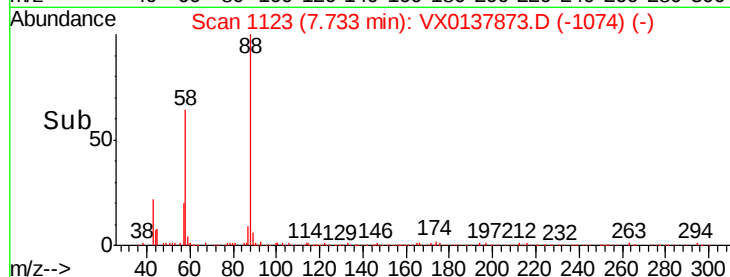
58 71.7 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.218 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX0137873.D

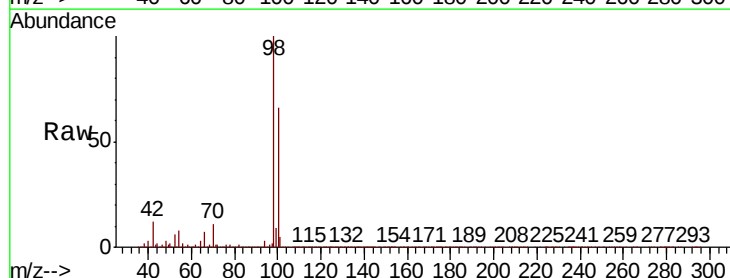
Acq: 10 Dec 2019 00:44

Tgt Ion: 98 Resp: 929283

Ion Ratio Lower Upper

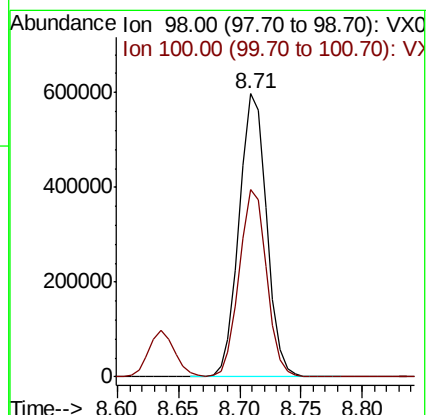
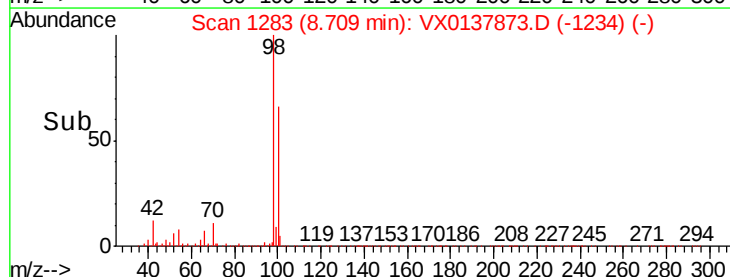
98 100

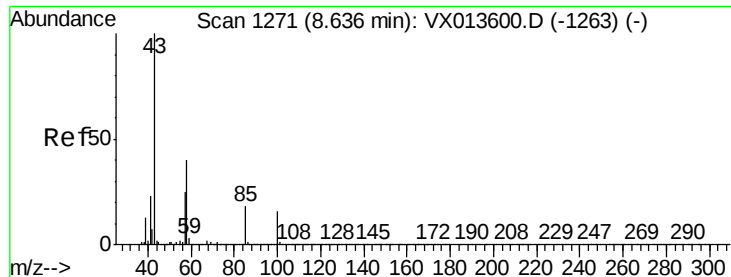
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

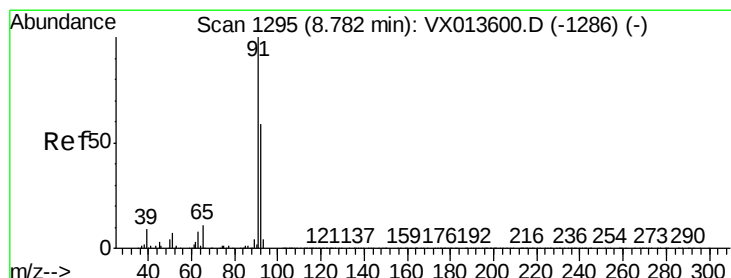
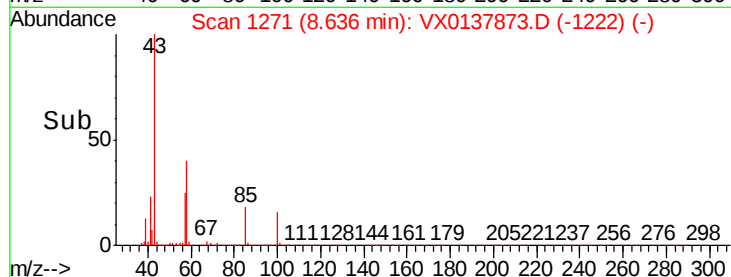
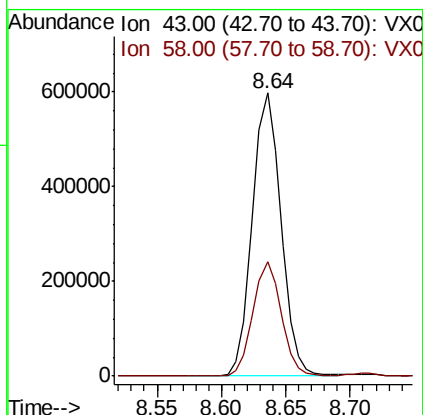
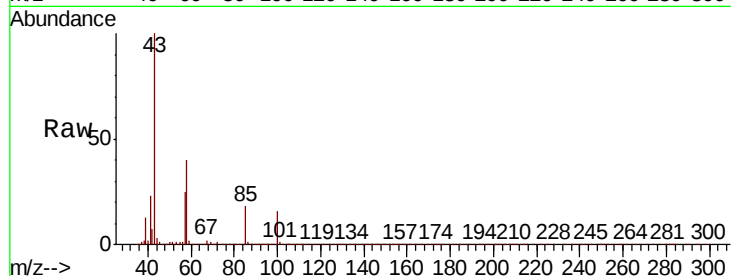




#51
4-Methyl-2-Pentanone
Concen: 99.539 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

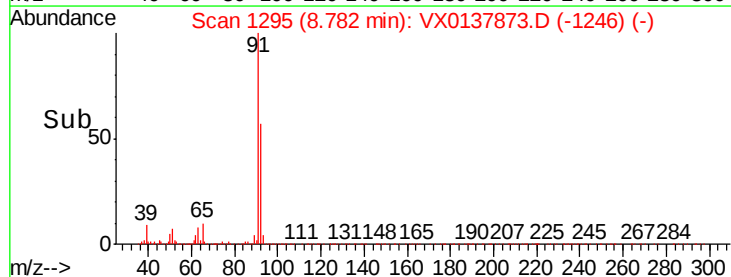
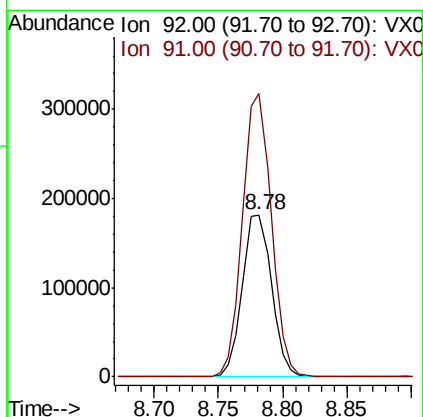
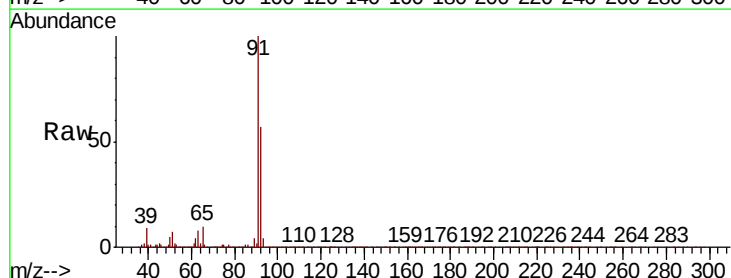
Instrument :
MSVOA_X
ClientSampleId :

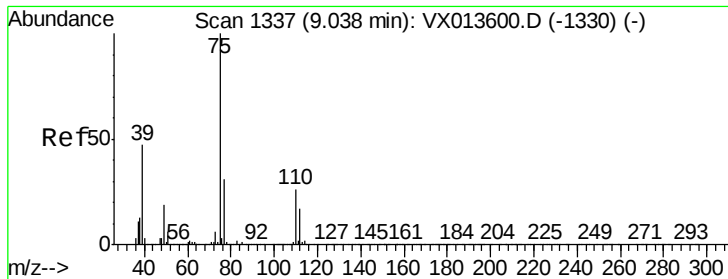
Tot Ion: 43 Resp: 915919
Ion Ratio Lower Upper
43 100
58 39.7 32.1 48.1



#52
Toluene
Concen: 19.022 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 92 Resp: 285064
Ion Ratio Lower Upper
92 100
91 172.7 136.2 204.2

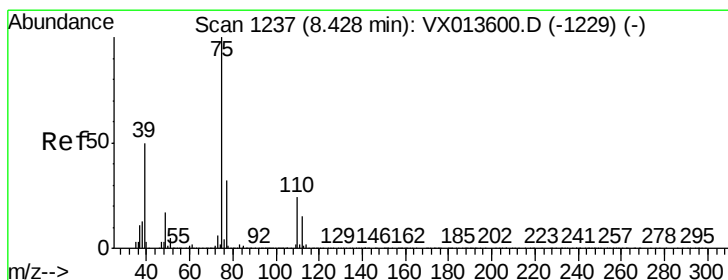
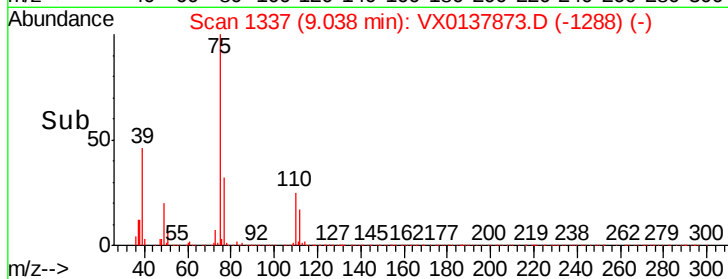
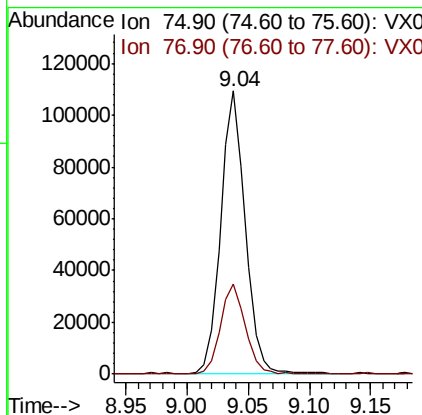
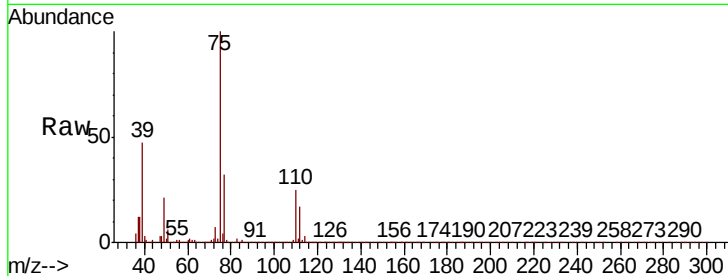




#53
t-1,3-Dichloropropene
Concen: 17.203 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

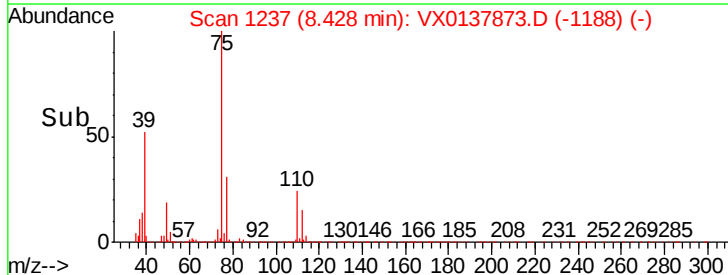
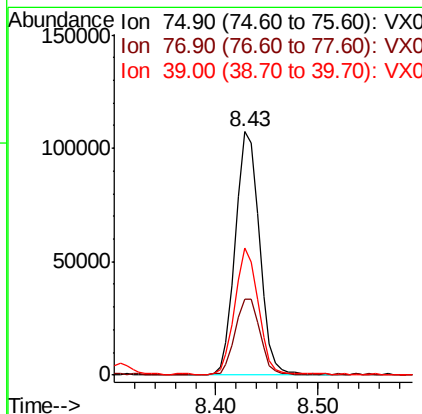
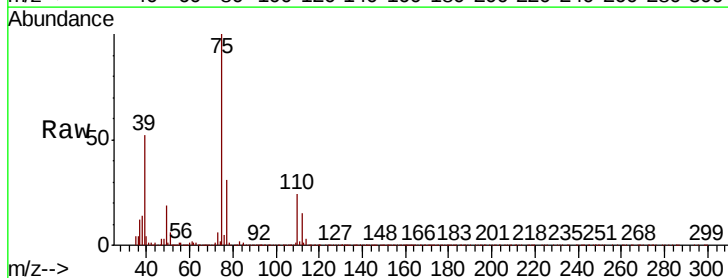
Instrument :
MSVOA_X
ClientSampled :

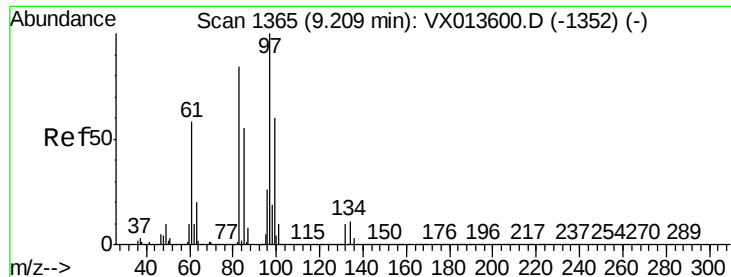
Tot Ion: 75 Resp: 151737
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 18.092 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 75 Resp: 174345
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 52.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.866 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 119976

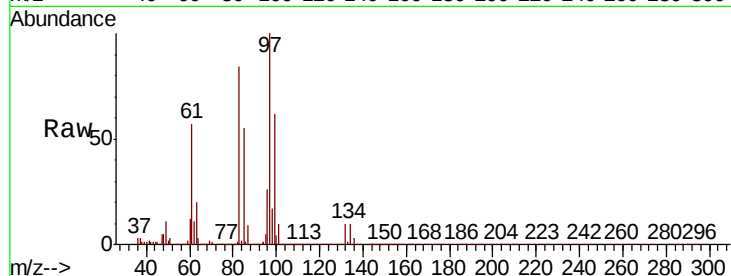
Ion Ratio Lower Upper

97 100

83 84.0 67.3 100.9

85 54.4 43.6 65.4

99 61.3 48.2 72.4

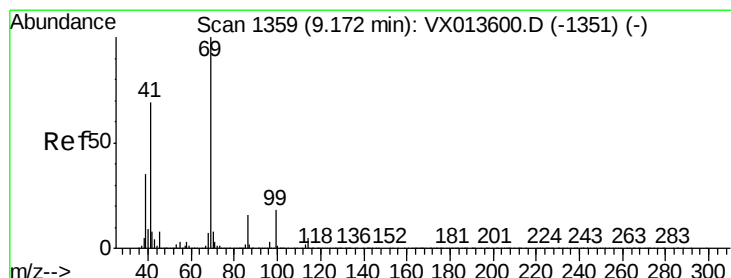
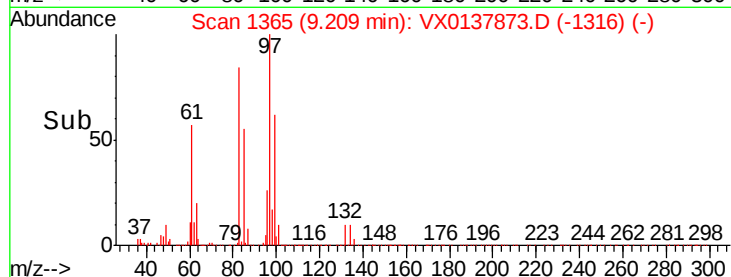
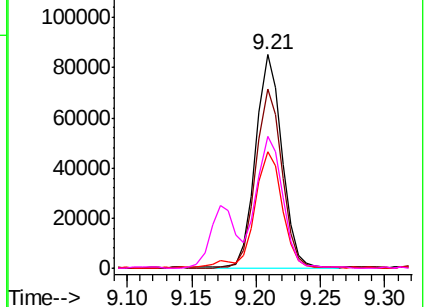


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.785 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

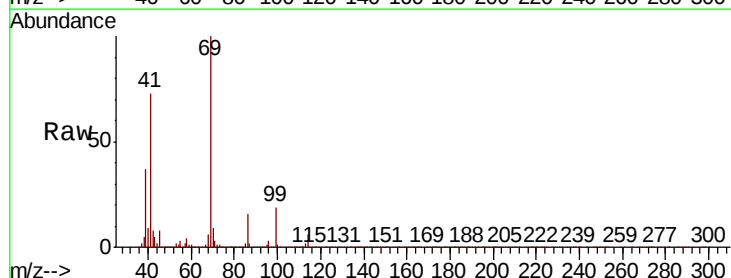
Tgt Ion: 69 Resp: 182390

Ion Ratio Lower Upper

69 100

41 69.4 55.0 82.4

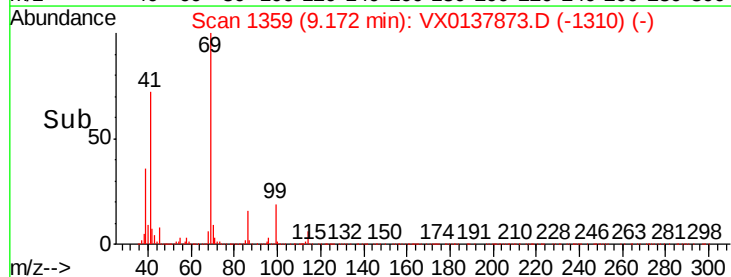
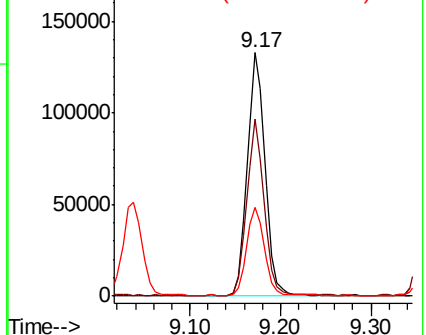
39 36.1 28.7 43.1

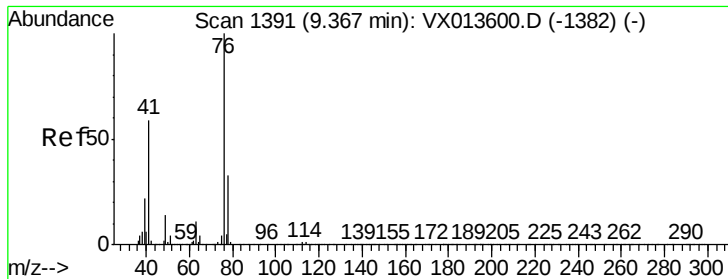


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.663 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

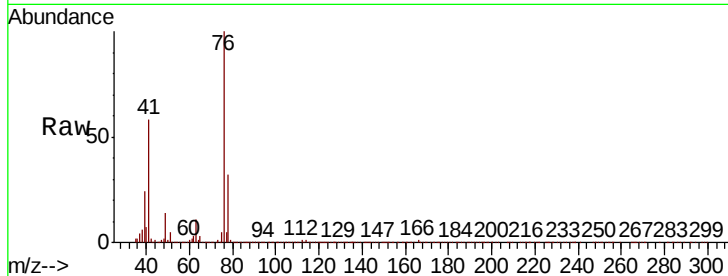
ClientSampleId :

Tot Ion: 76 Resp: 204679

Ion Ratio Lower Upper

76 100

78 32.6 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

150000

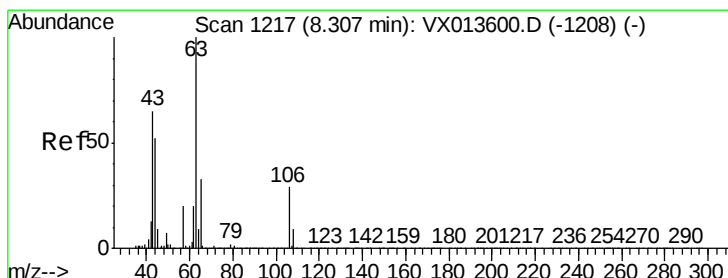
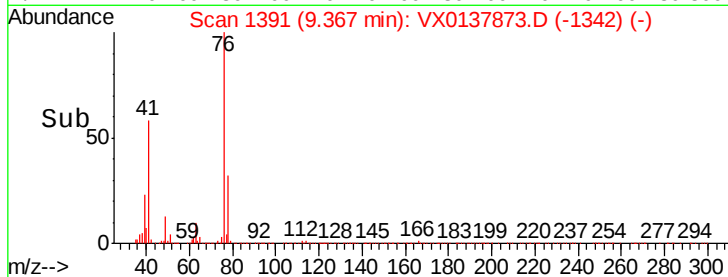
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 93.613 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX0137873.D

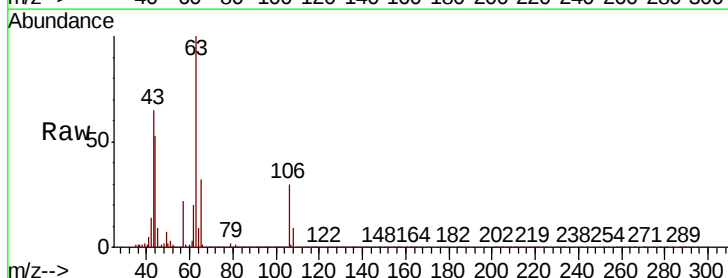
Acq: 10 Dec 2019 00:44

Tgt Ion: 63 Resp: 356367

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

150000

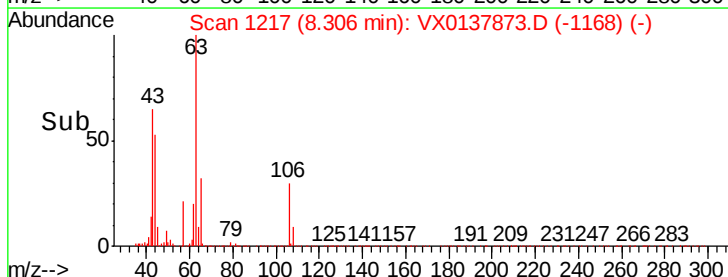
100000

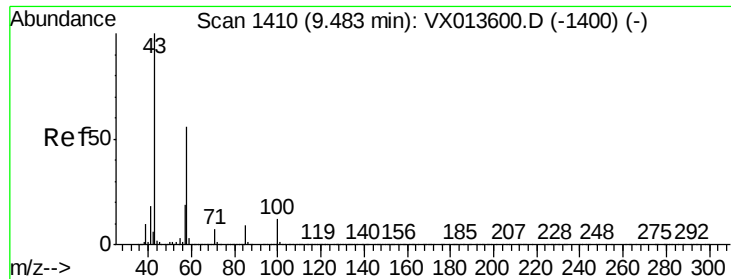
50000

0

8.20 8.30 8.40

Time-->

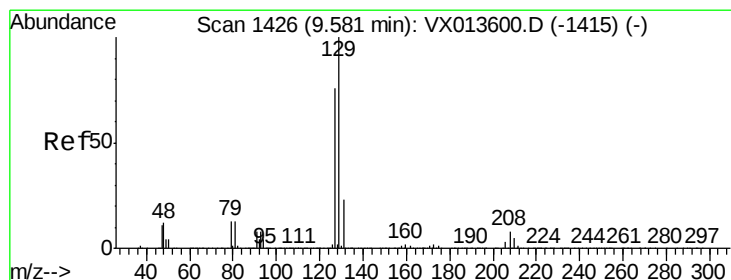
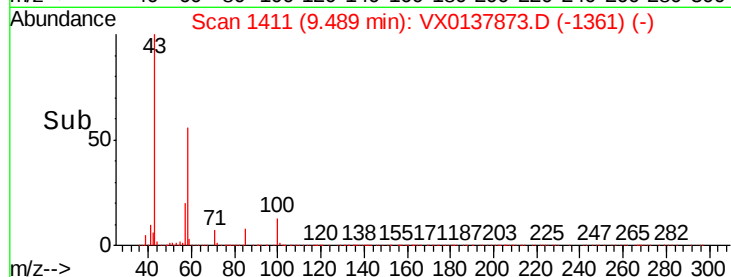
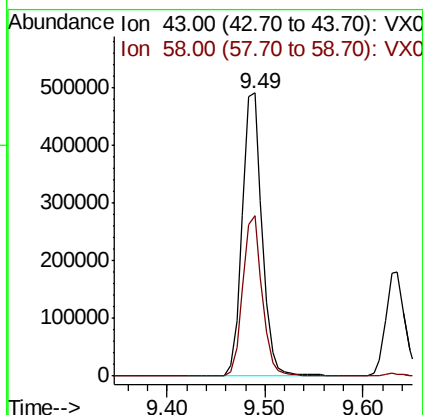
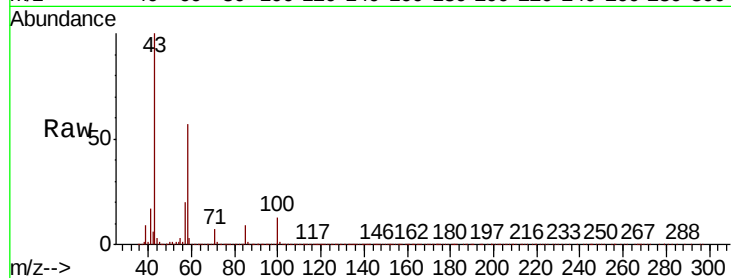




#59
2-Hexanone
Concen: 96.325 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

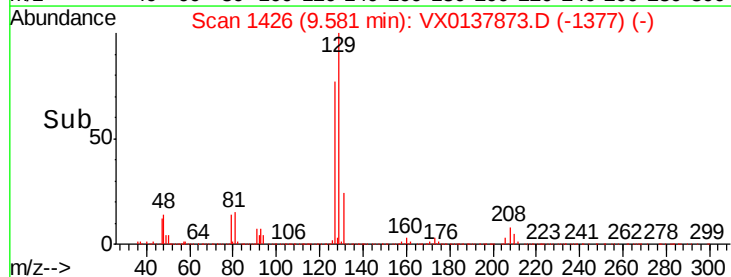
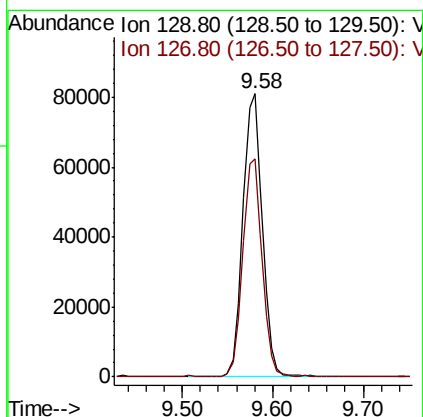
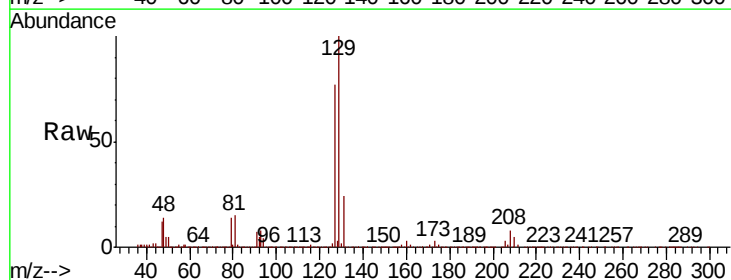
Instrument :
MSVOA_X
ClientSampled :

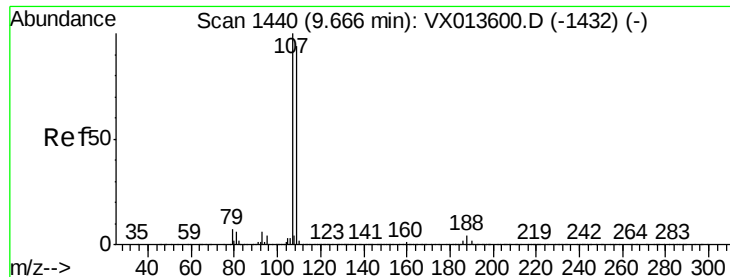
Tot Ion: 43 Resp: 691278
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4



#60
Dibromochloromethane
Concen: 19.264 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 129 Resp: 120733
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.834 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

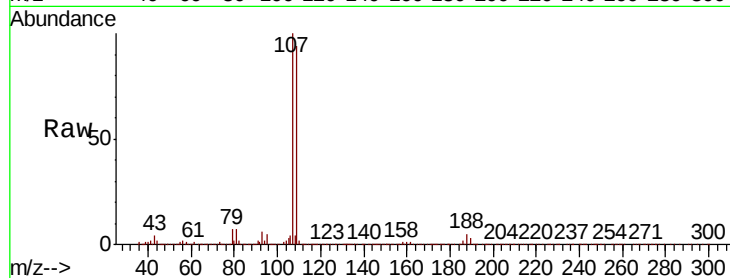
ClientSampleId :

Tot Ion:107 Resp: 121482

Ion Ratio Lower Upper

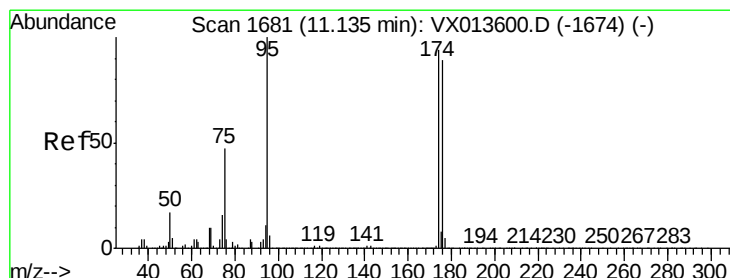
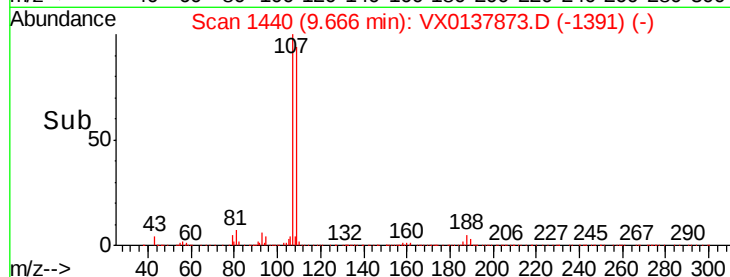
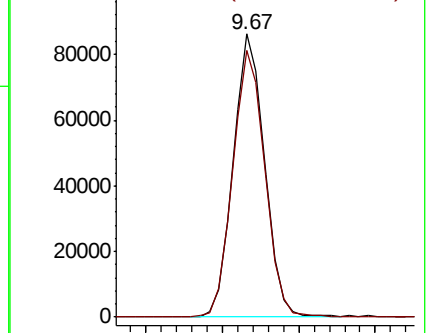
107 100

109 96.6 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.205 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

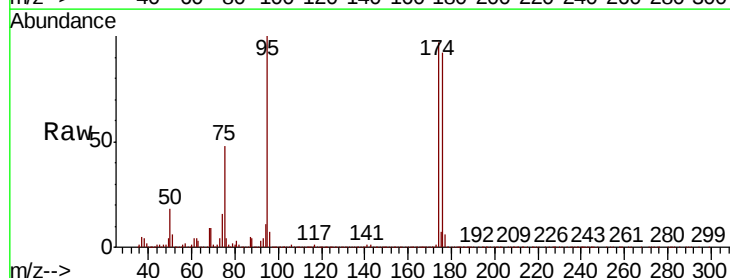
Tgt Ion: 95 Resp: 327424

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.0

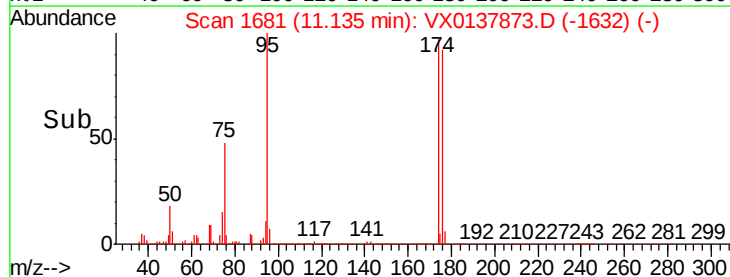
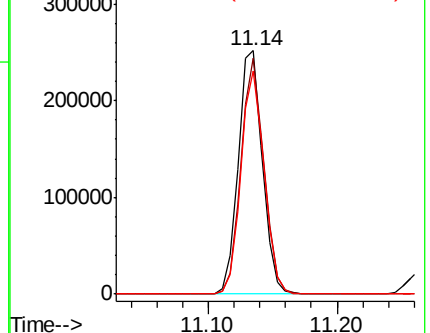
176 88.0 0.0 173.6

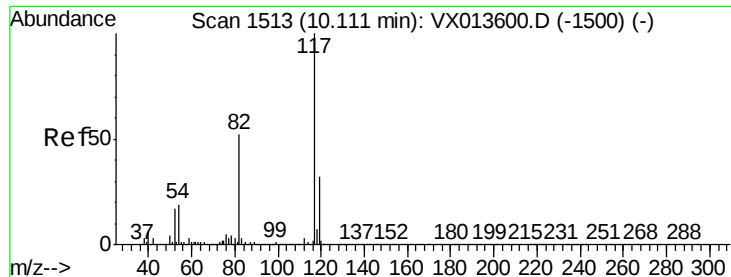


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

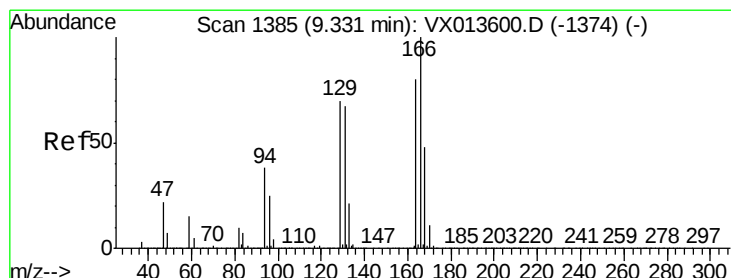
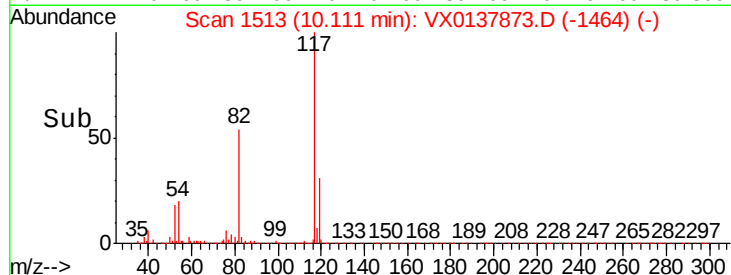
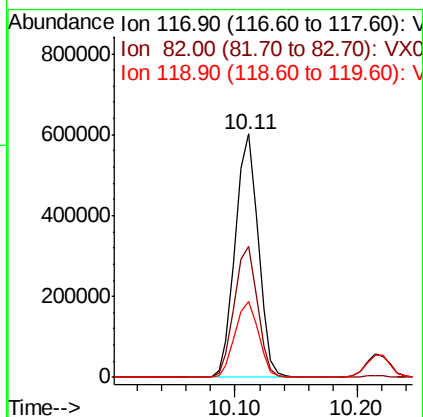
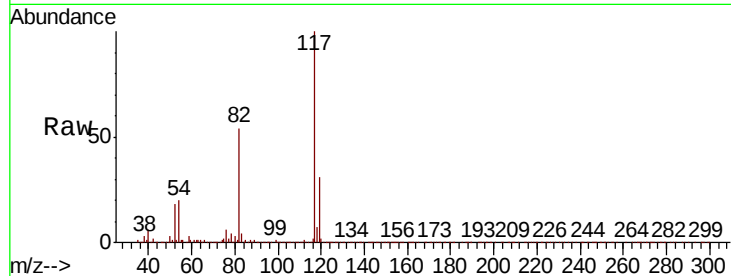




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

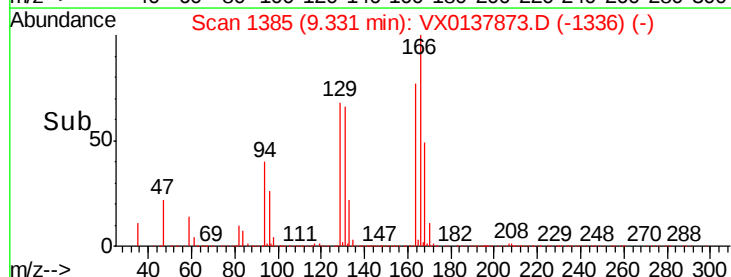
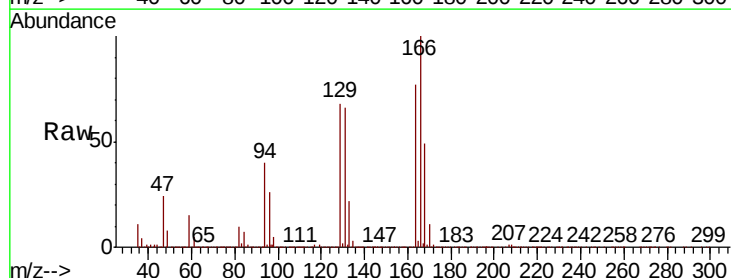
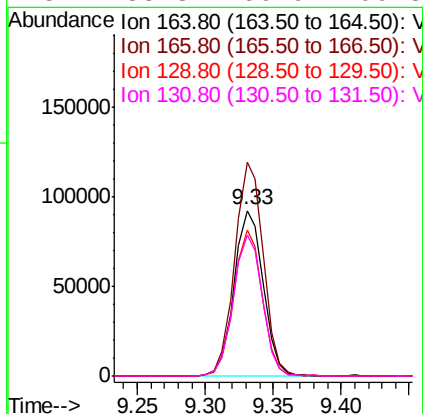
Instrument :
MSVOA_X
ClientSampleId :

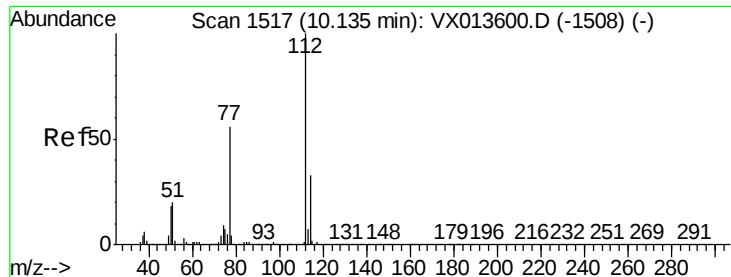
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.8
119	31.3	25.8	38.8



#64
Tetrachloroethene
Concen: 23.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	99.7	149.5
129	88.1	70.1	105.1
131	85.3	66.9	100.3





#65

Chlorobenzene

Concen: 18.799 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

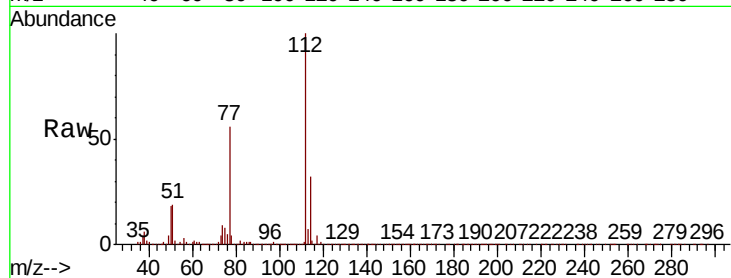
ClientSampled :

Tot Ion:112 Resp: 305545

Ion Ratio Lower Upper

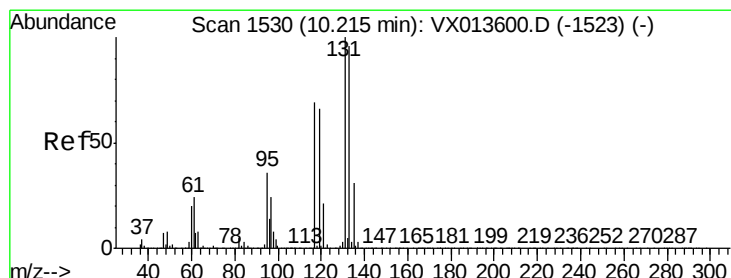
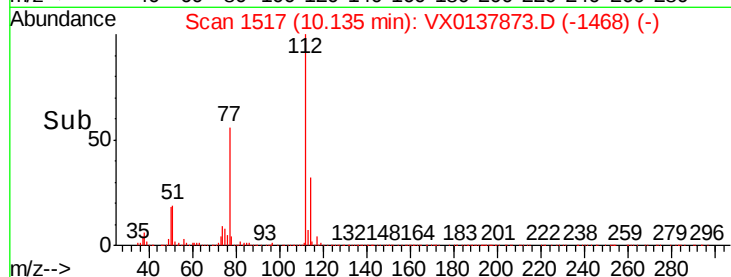
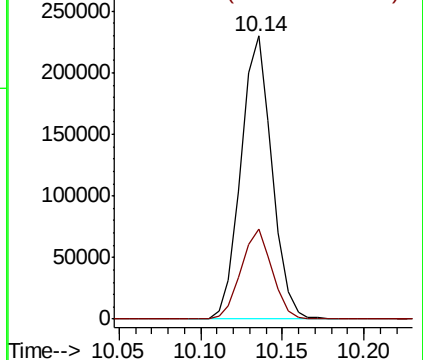
112 100

114 31.6 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: 19.318 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

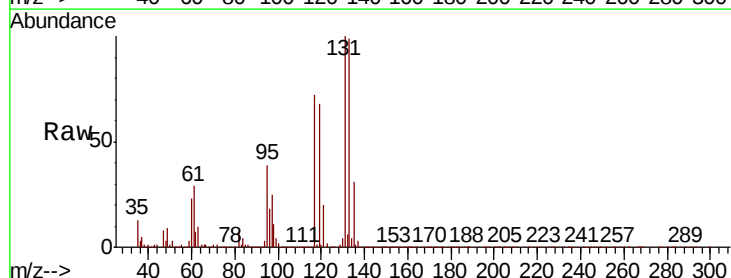
Tgt Ion:131 Resp: 112748

Ion Ratio Lower Upper

131 100

133 96.9 47.7 143.1

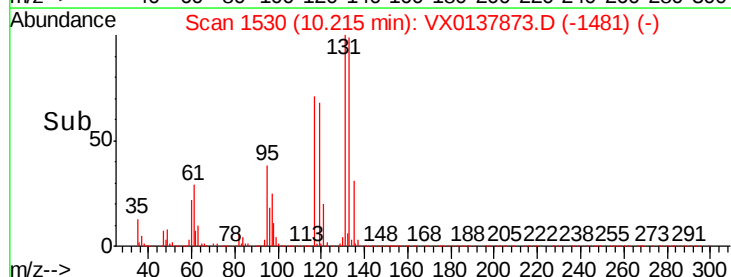
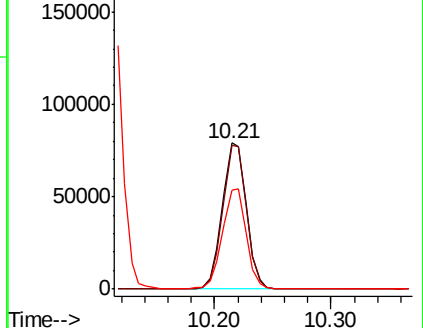
119 67.4 32.9 98.6

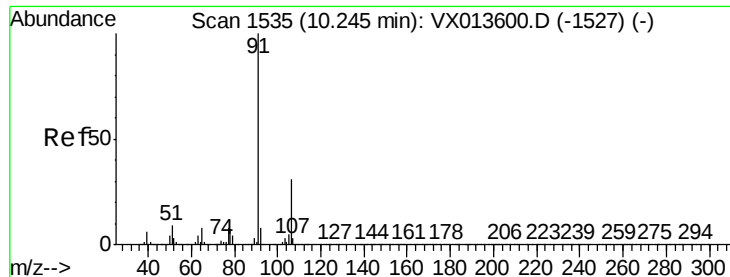


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.151 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

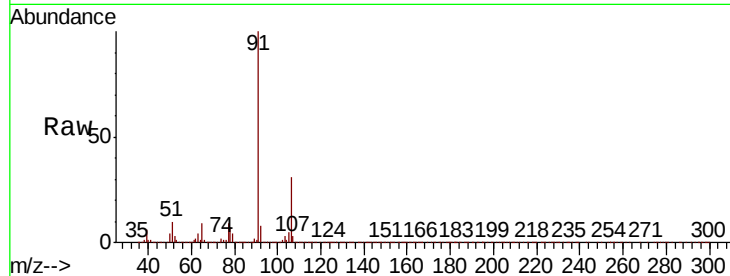
ClientSampleId :

Tot Ion: 91 Resp: 534874

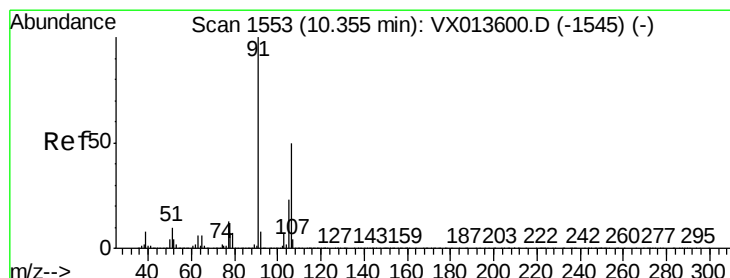
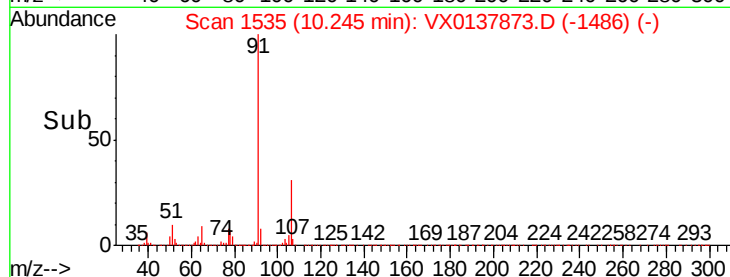
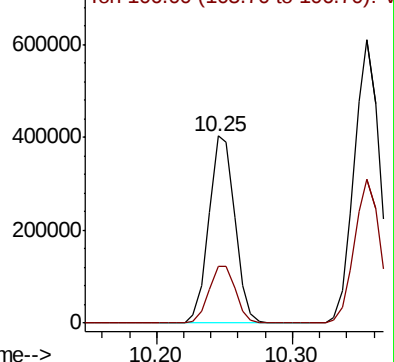
Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1527) (-)



#68

m/p-Xylenes

Concen: 38.316 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX0137873.D

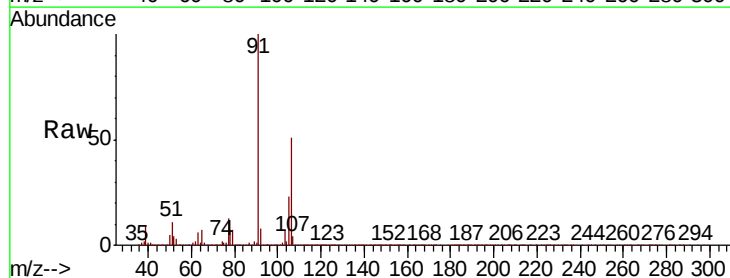
Acq: 10 Dec 2019 00:44

Tgt Ion: 106 Resp: 409700

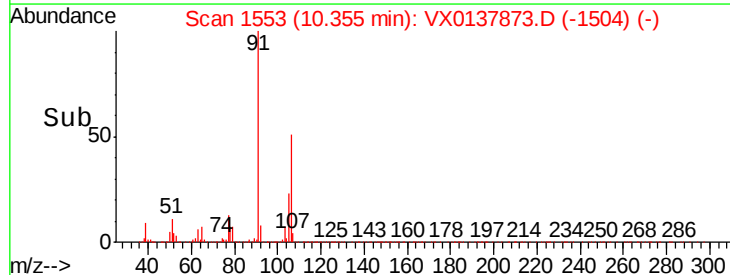
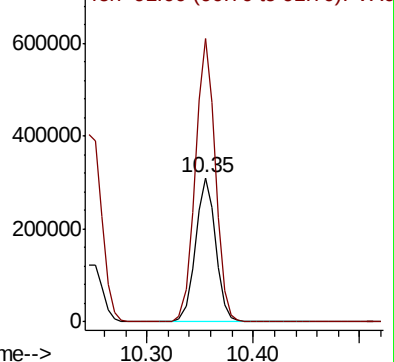
Ion Ratio Lower Upper

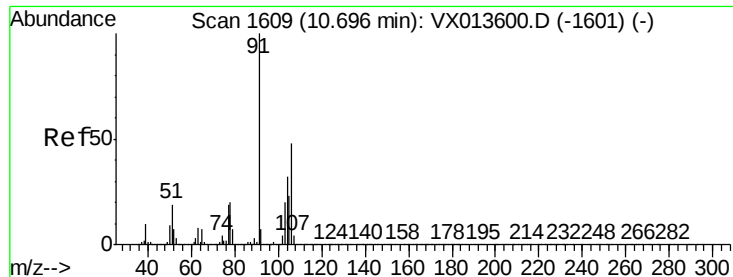
106 100

91 195.8 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): VX013600.D (-1545) (-)

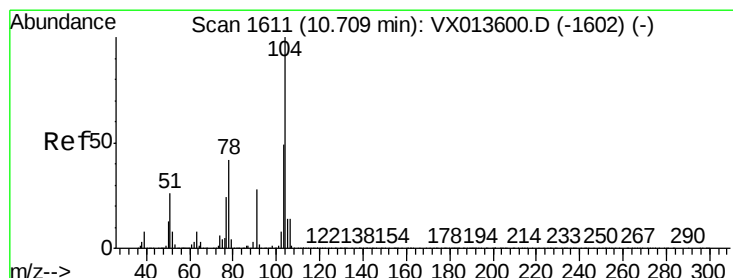
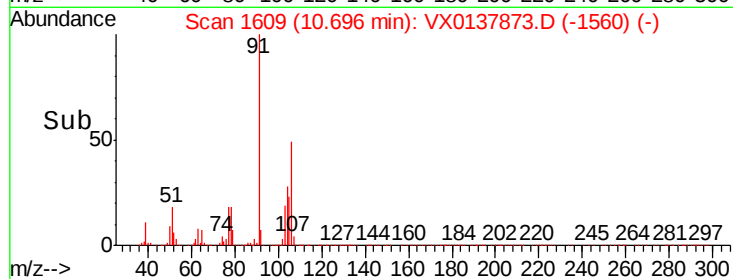
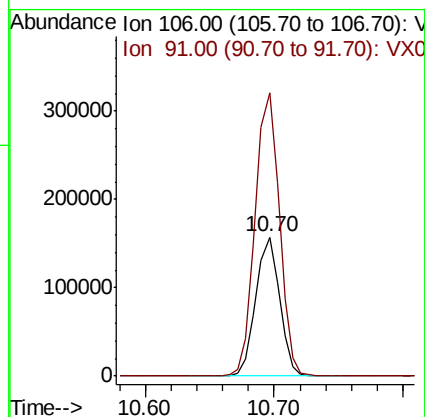
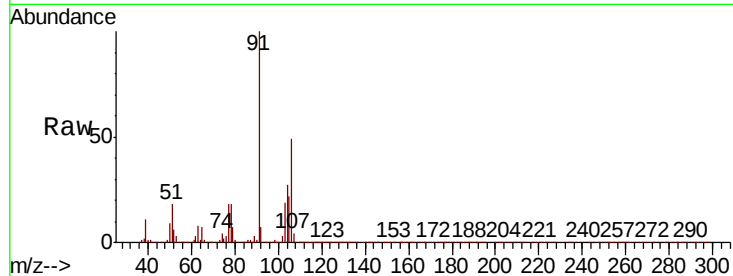




#69
o-Xylene
Concen: 19.214 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

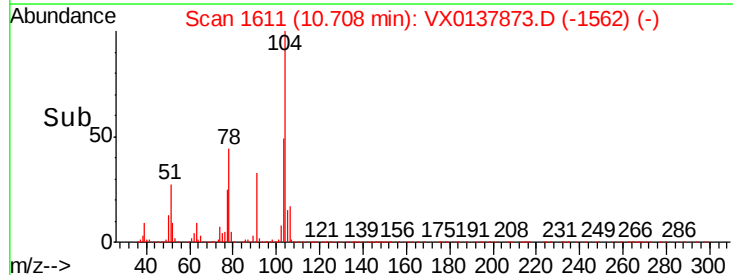
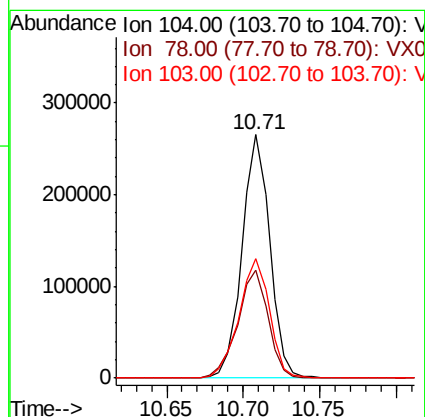
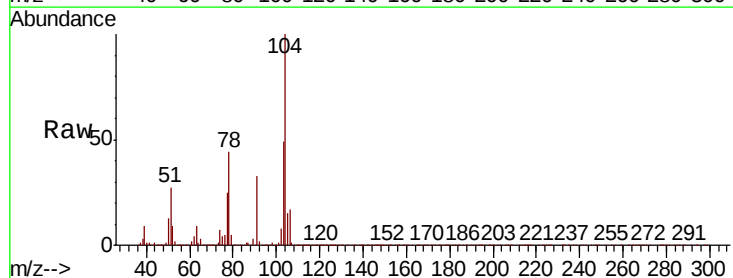
Instrument :
MSVOA_X
ClientSampleId :

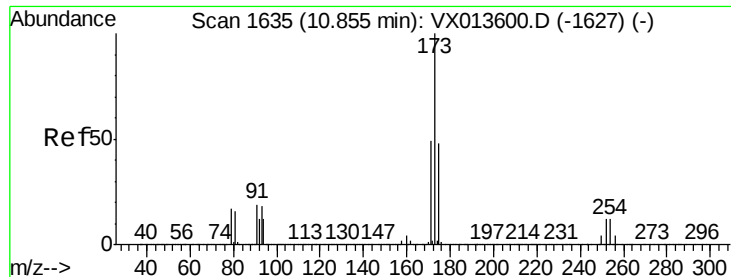
Tot Ion:106 Resp: 200379
Ion Ratio Lower Upper
106 100
91 207.2 104.1 312.2



#70
Styrene
Concen: 19.025 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion:104 Resp: 333742
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.1 43.7 65.5

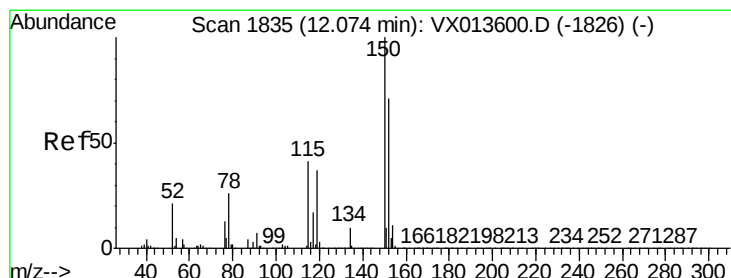
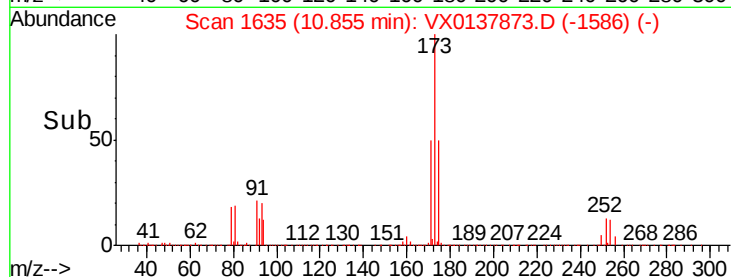
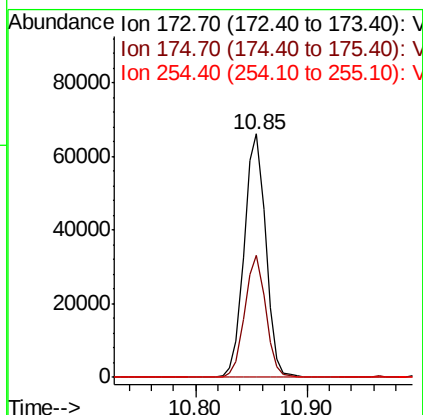
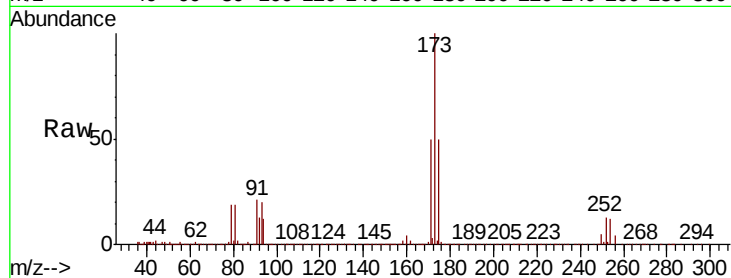




#71
Bromoform
Concen: 18.456 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

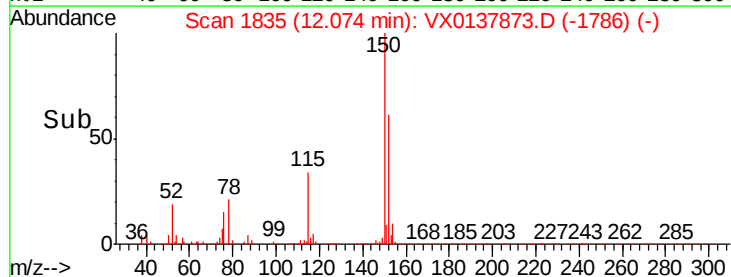
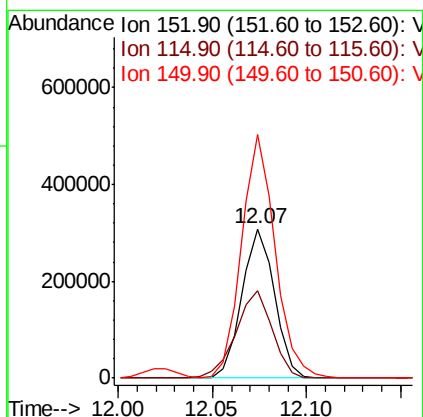
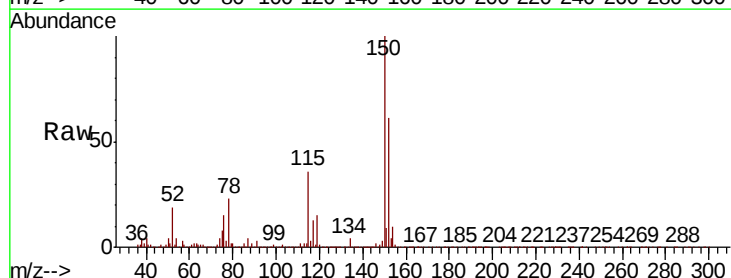
Instrument :
MSVOA_X
ClientSampleId :

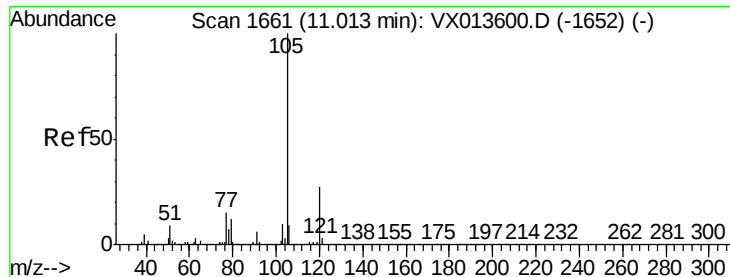
Tot Ion:173 Resp: 89125
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.1 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion:152 Resp: 371334
Ion Ratio Lower Upper
152 100
115 64.4 38.4 115.1
150 167.2 0.0 346.8





#73

Isopropylbenzene

Concen: 20.139 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

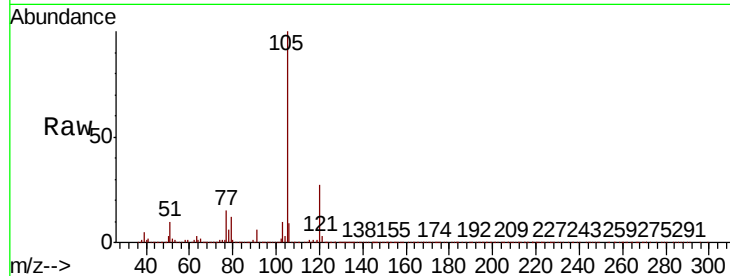
ClientSampleId :

Tot Ion:105 Resp: 524584

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

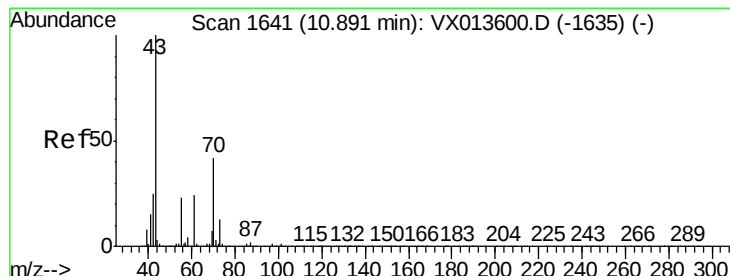
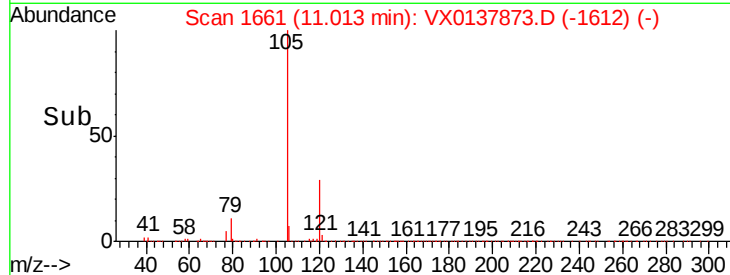
300000

200000

100000

0

Time--> 10.90 11.00



#74

N-ethyl acetate

Concen: 19.605 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion: 43 Resp: 233932

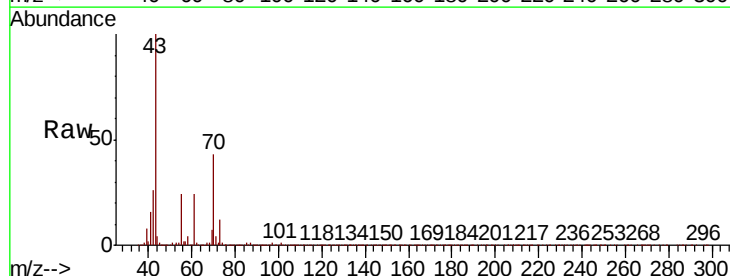
Ion Ratio Lower Upper

43 100

70 43.8 34.3 51.5

55 25.0 18.5 27.7

61 24.6 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

10.89

200000

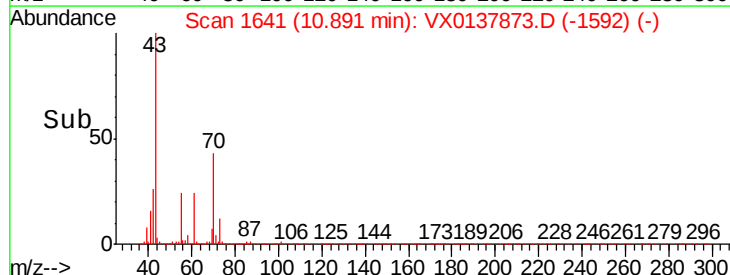
150000

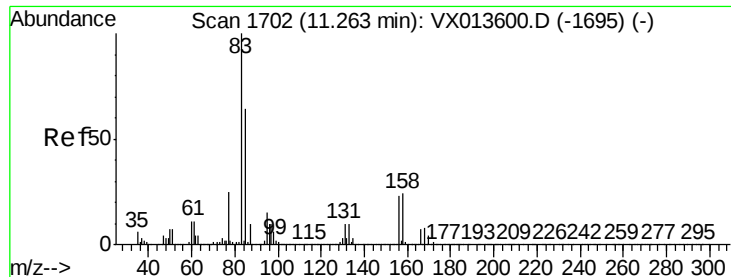
100000

50000

0

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 20.459 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

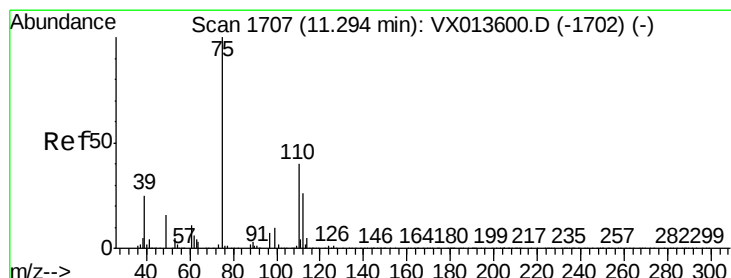
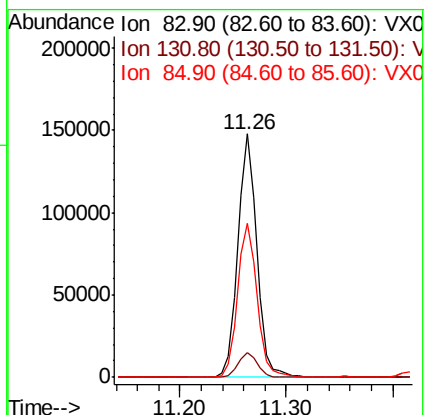
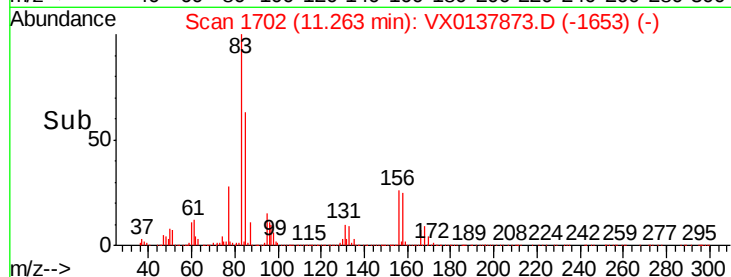
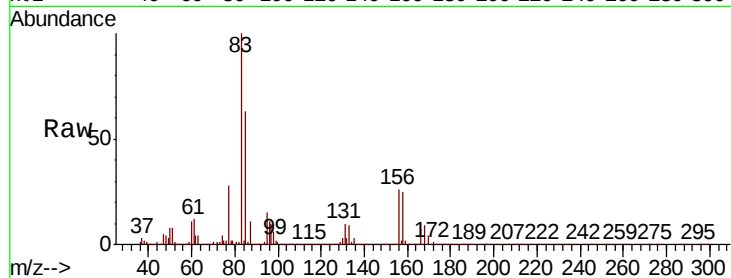
Tot Ion: 83 Resp: 184810

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 65.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 24.556 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX0137873.D

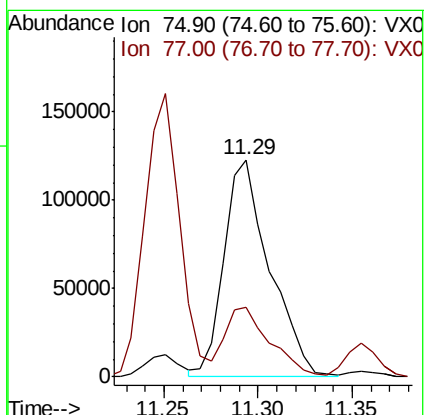
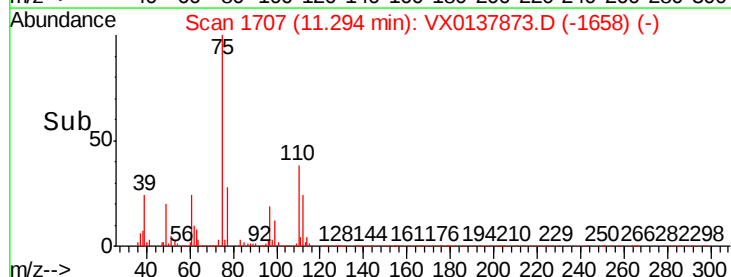
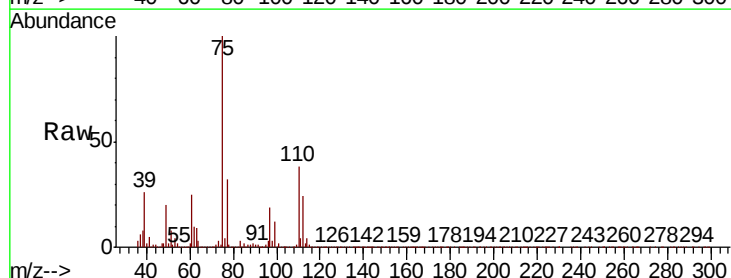
Acq: 10 Dec 2019 00:44

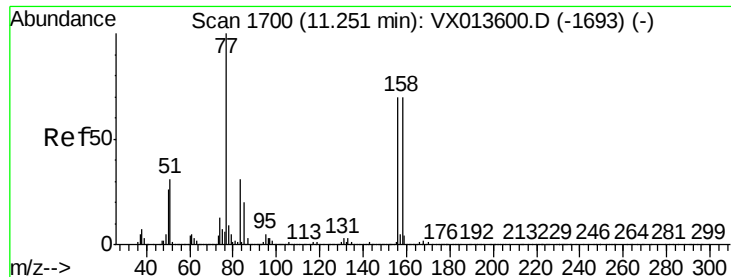
Tgt Ion: 75 Resp: 205090

Ion Ratio Lower Upper

75 100

77 31.6 19.1 57.5





#77

Bromobenzene

Concen: 19.706 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

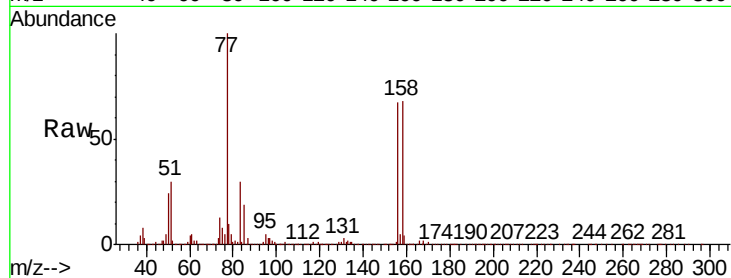
Tot Ion:156 Resp: 138668

Ion Ratio Lower Upper

156 100

77 150.3 74.4 223.1

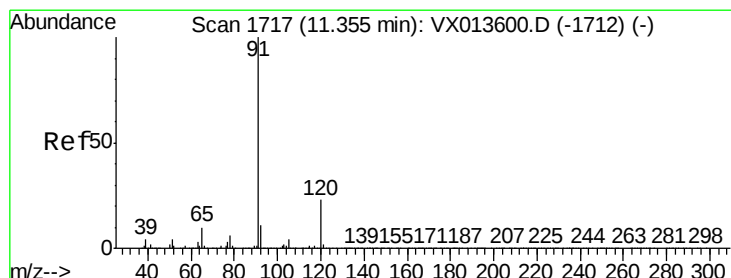
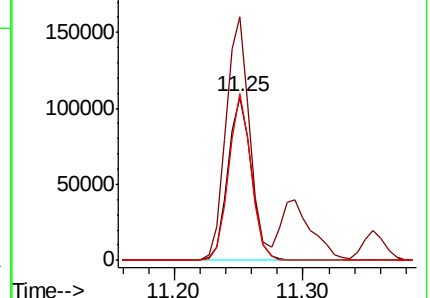
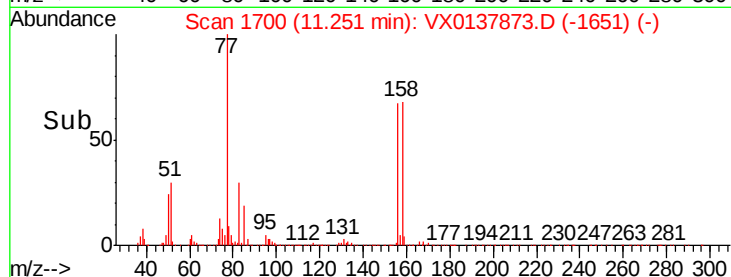
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.879 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX0137873.D

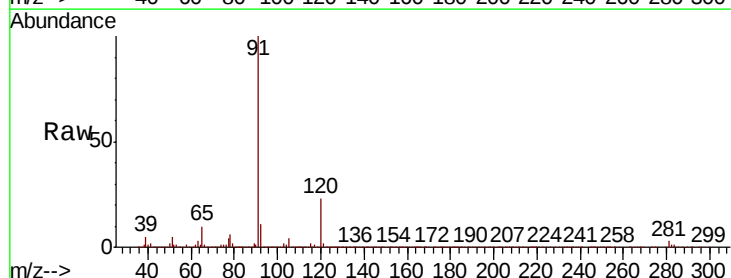
Acq: 10 Dec 2019 00:44

Tgt Ion: 91 Resp: 578031

Ion Ratio Lower Upper

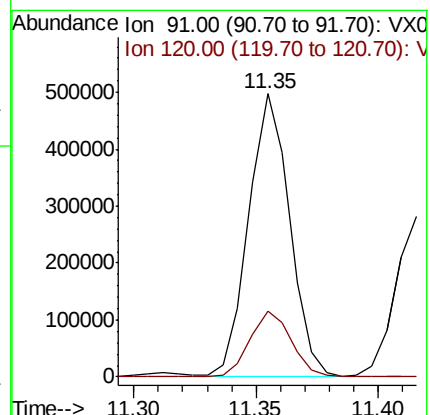
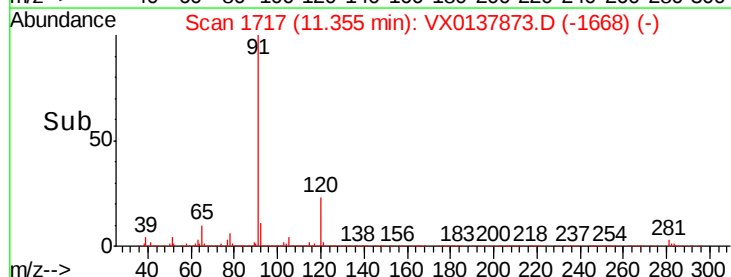
91 100

120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.926 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

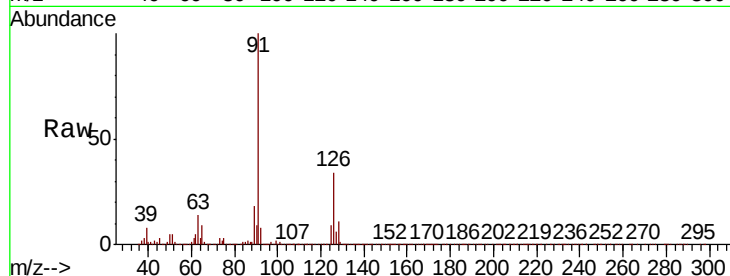
ClientSampleId :

Tot Ion: 91 Resp: 347563

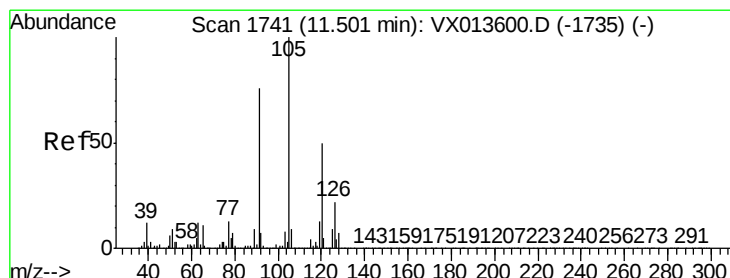
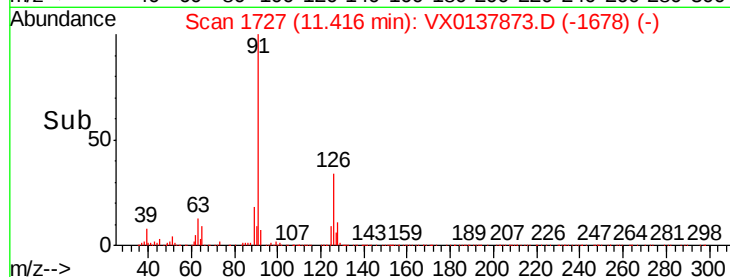
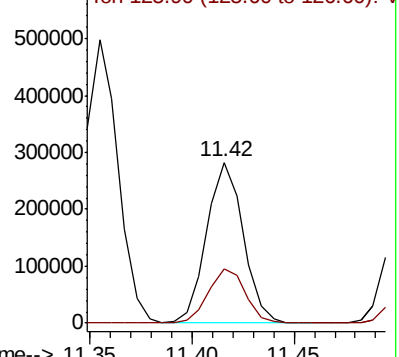
Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0137873.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.111 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137873.D

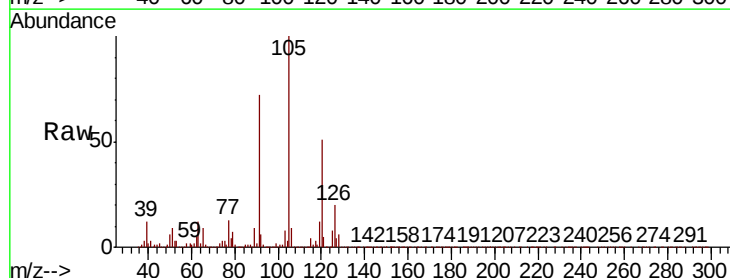
Acq: 10 Dec 2019 00:44

Tgt Ion: 105 Resp: 429330

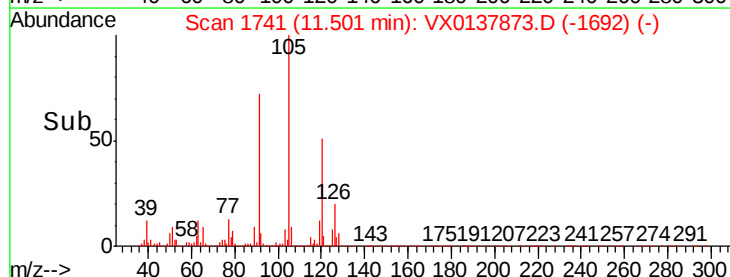
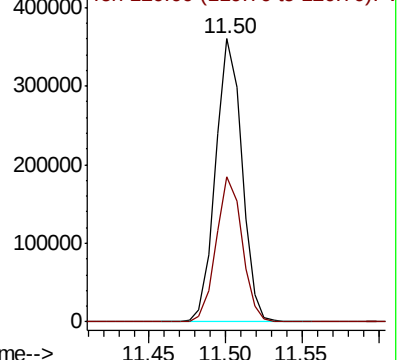
Ion Ratio Lower Upper

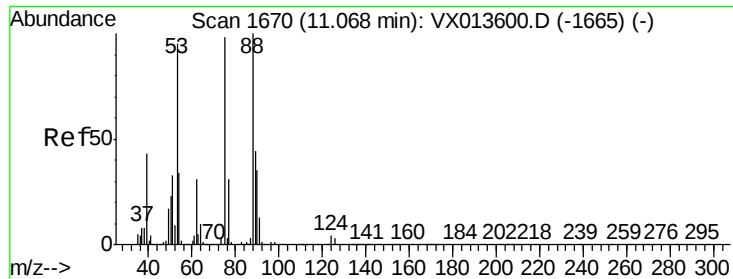
105 100

120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX0137873.D (-1692) (-)

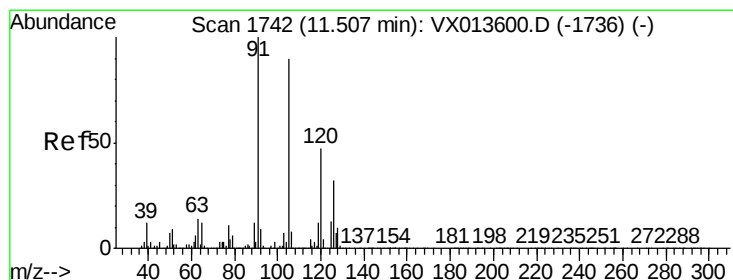
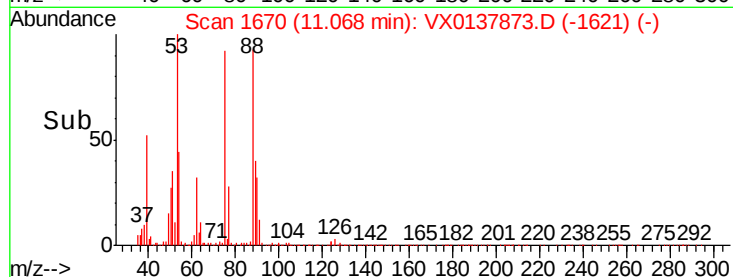
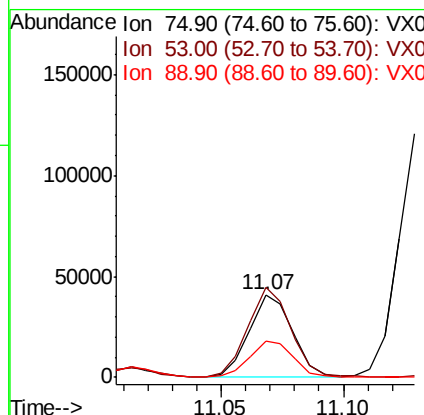
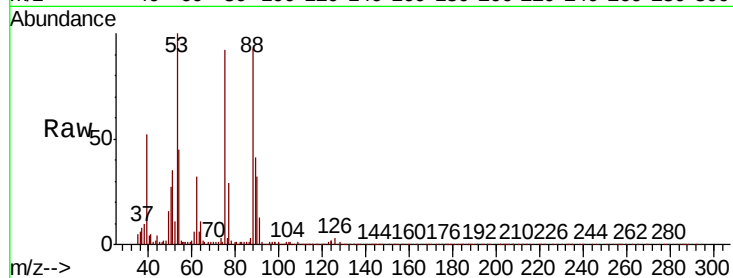




#81
trans-1,4-Dichloro-2-butene
Concen: 16.343 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

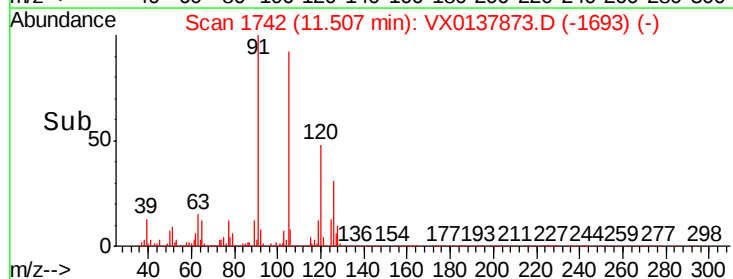
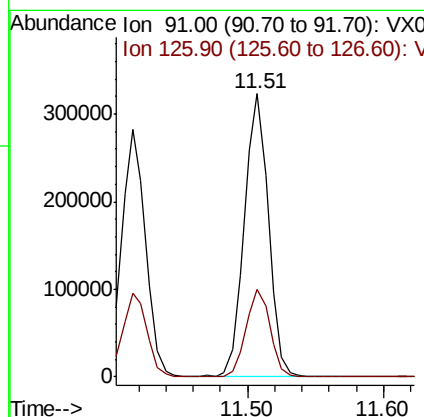
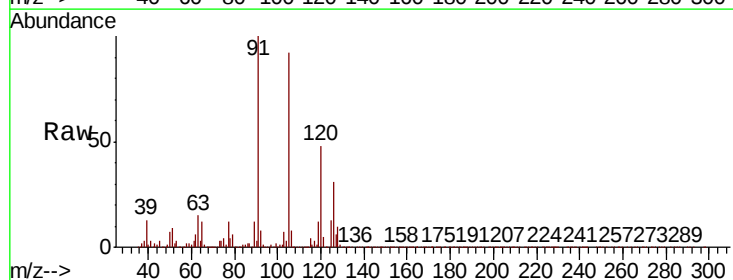
Instrument :
MSVOA_X
ClientSampleId :

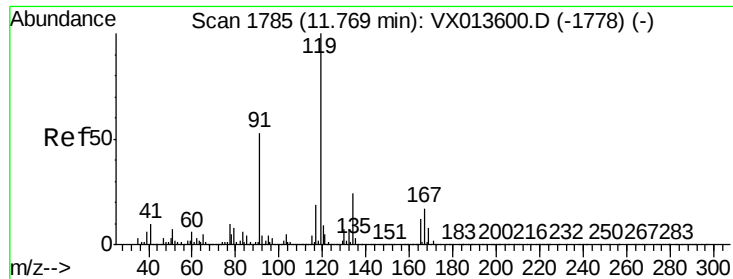
Tot Ion: 75 Resp: 49893
Ion Ratio Lower Upper
75 100
53 109.1 78.2 117.2
89 46.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.674 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 91 Resp: 397460
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0

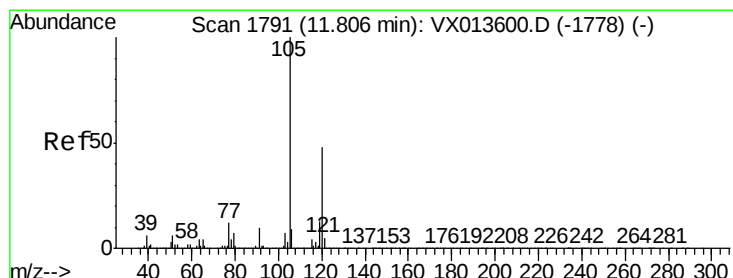
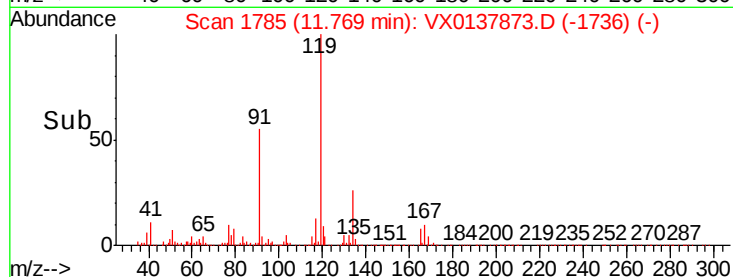
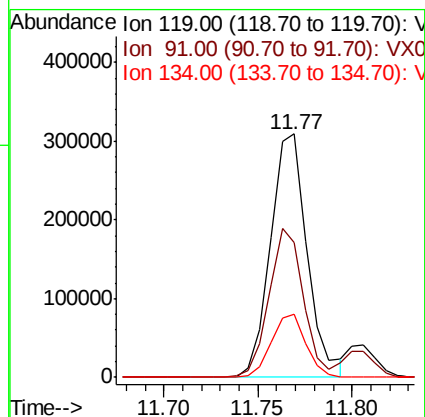
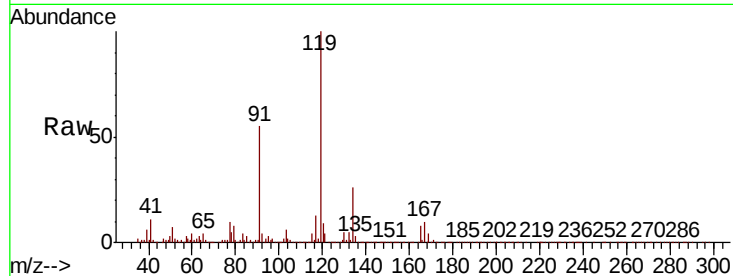




#83
 tert-Butylbenzene
 Concen: 19.222 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

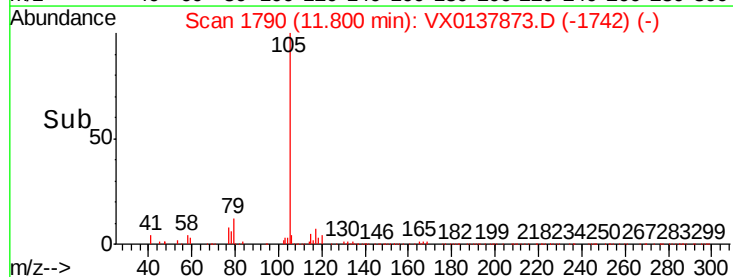
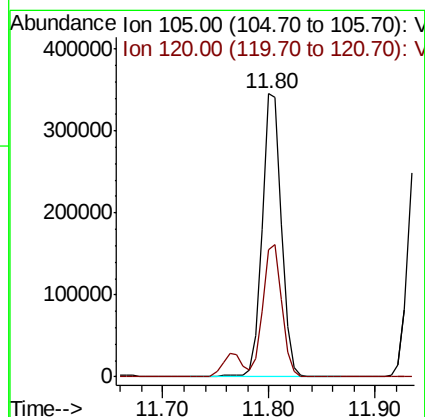
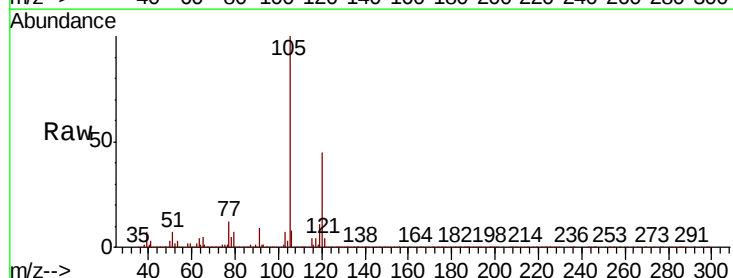
Instrument :
 MSVOA_X
 ClientSampleId :

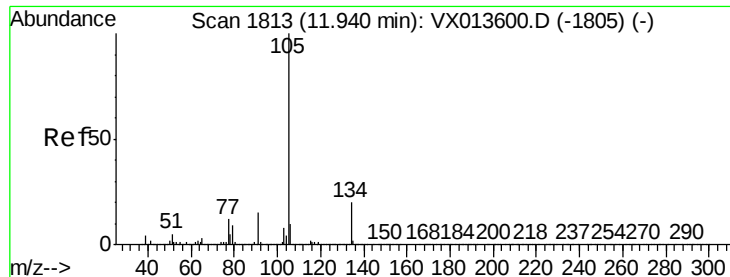
Tot Ion:119 Resp: 417051
 Ion Ratio Lower Upper
 119 100
 91 56.9 27.2 81.6
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.235 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion:105 Resp: 438417
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.3

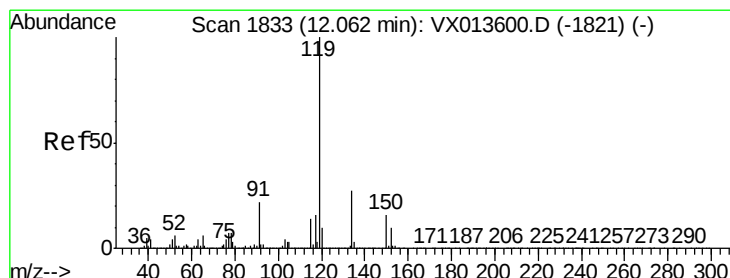
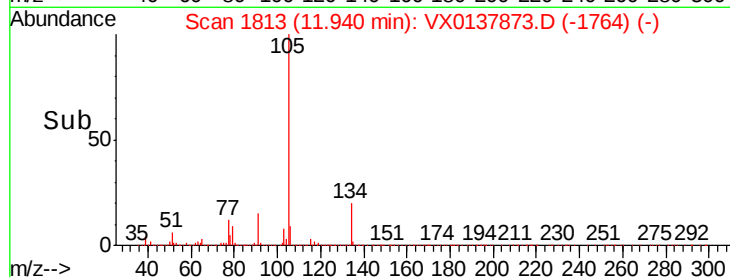
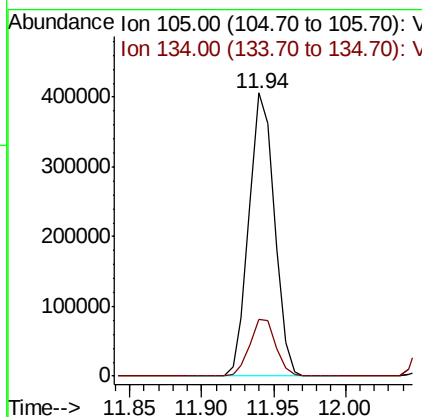
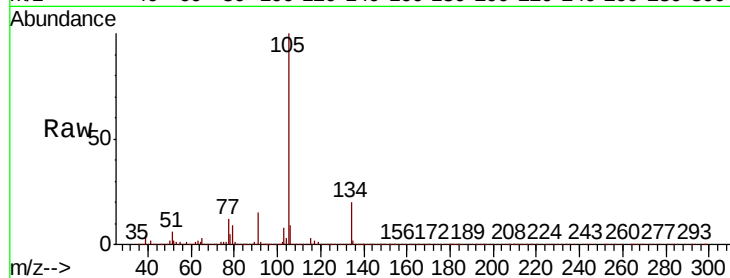




#85
 sec-Butylbenzene
 Concen: 20.004 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

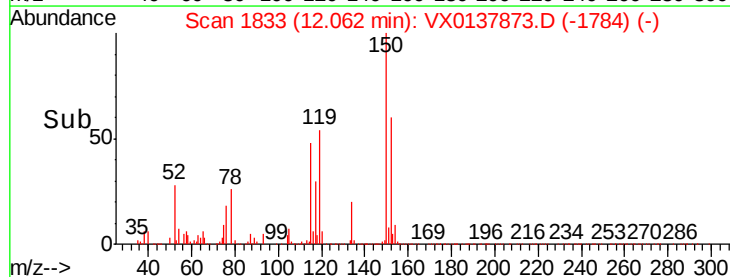
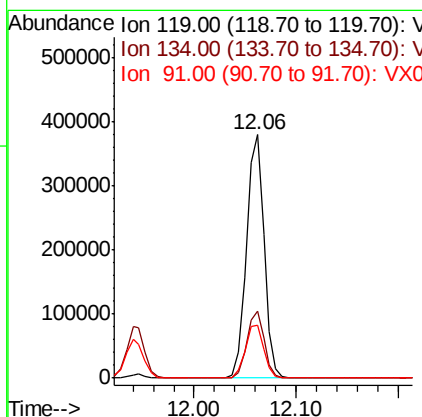
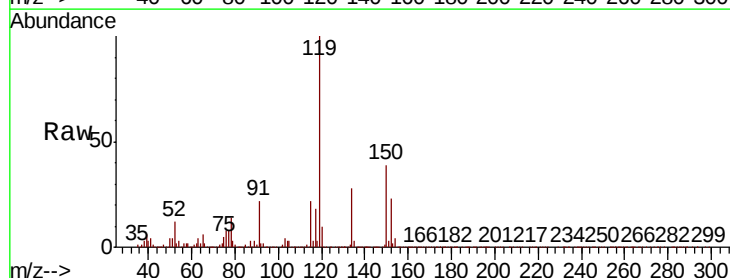
Instrument :
 MSVOA_X
 ClientSampleId :

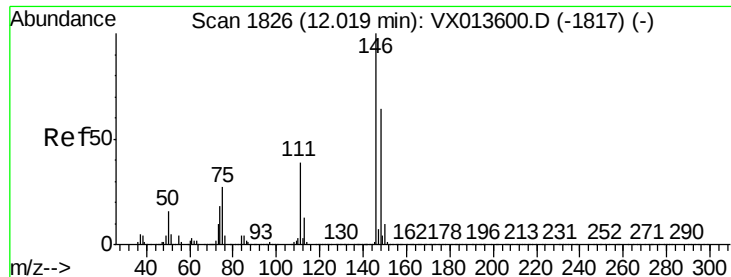
Tot Ion:105 Resp: 495737
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.596 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion:119 Resp: 451772
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.9
 91 22.8 11.3 33.8

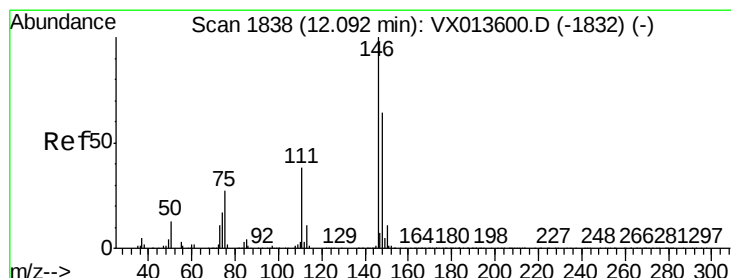
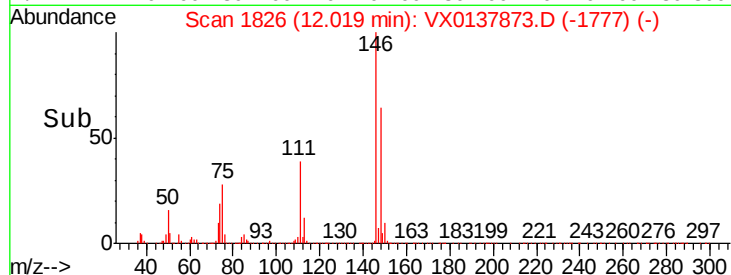
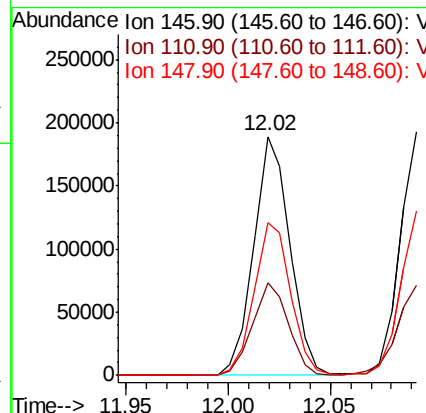
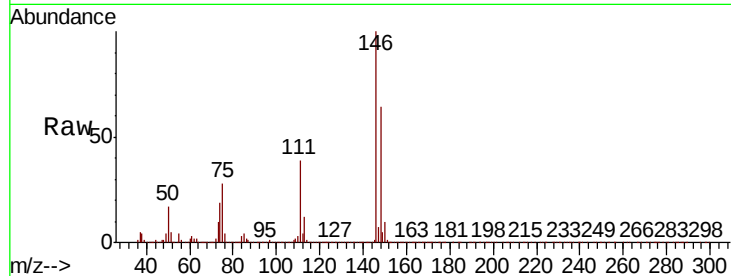




#87
 1,3-Dichlorobenzene
 Concen: 19.021 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

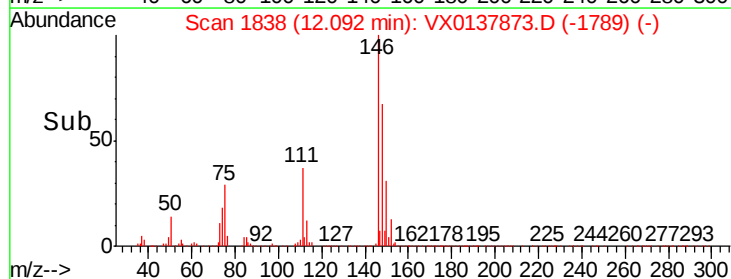
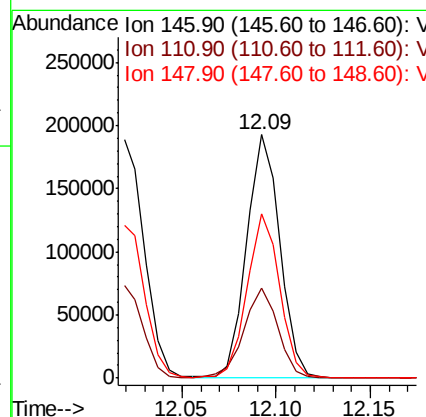
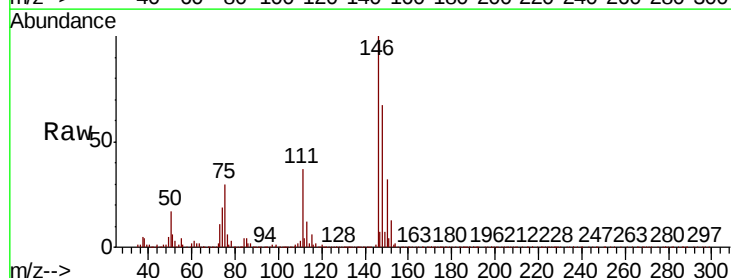
Instrument :
 MSVOA_X
 ClientSampleId :

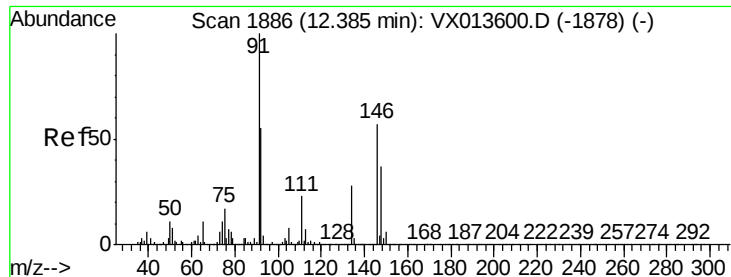
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.768 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	66.7	31.9	95.5

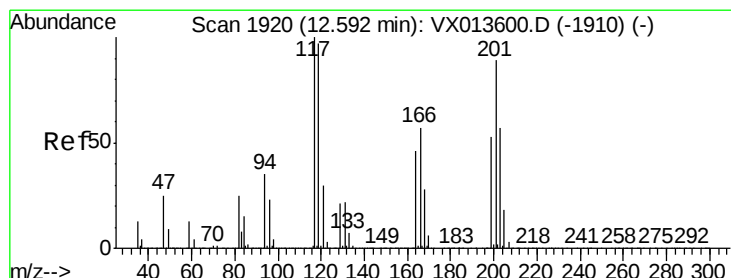
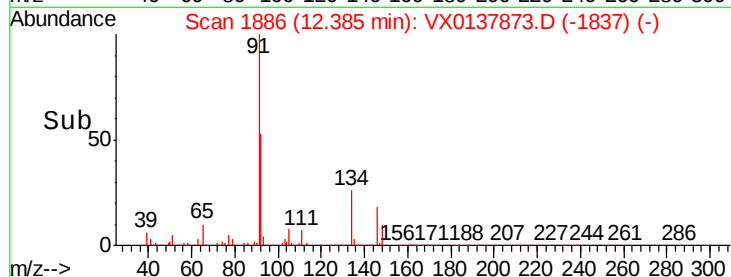
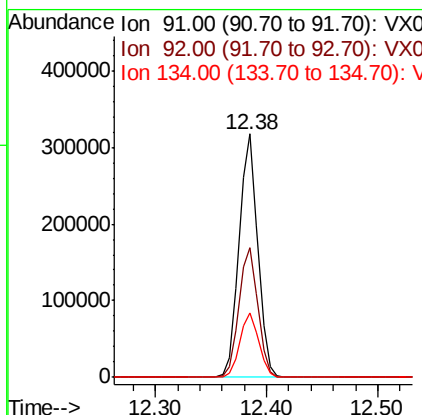
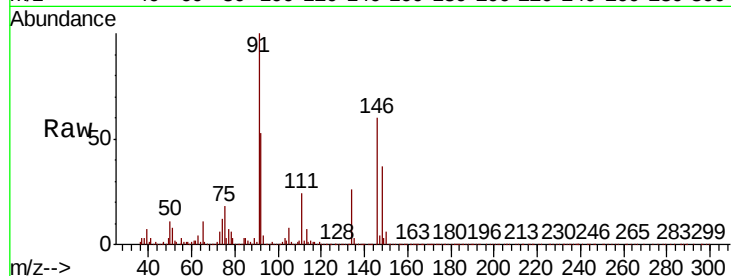




#89
n-Butylbenzene
Concen: 18.763 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

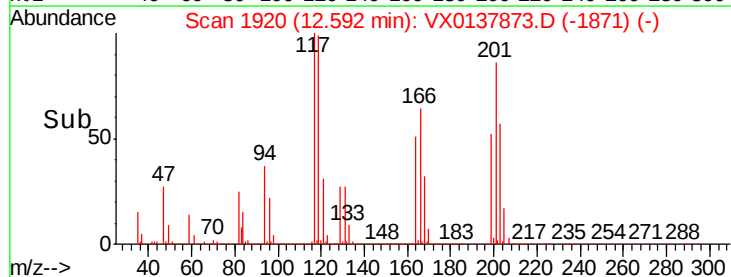
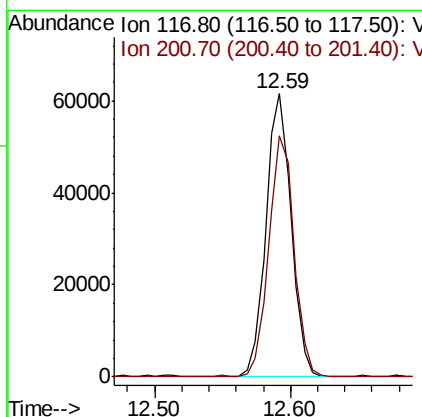
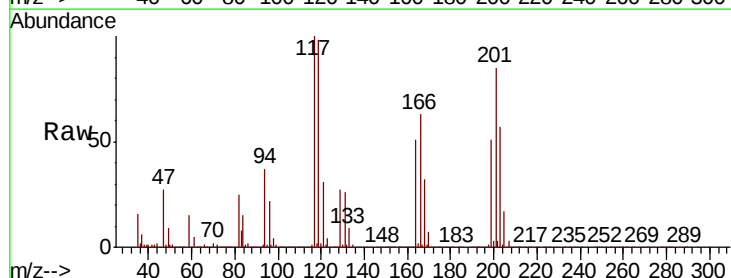
Instrument :
MSVOA_X
ClientSampleId :

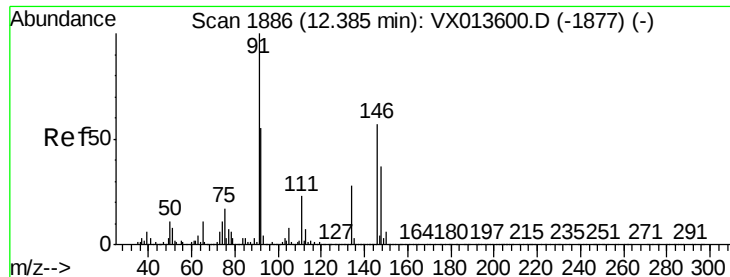
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	26.7	13.5	40.4



#90
Hexachloroethane
Concen: 19.322 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	44.1	132.4

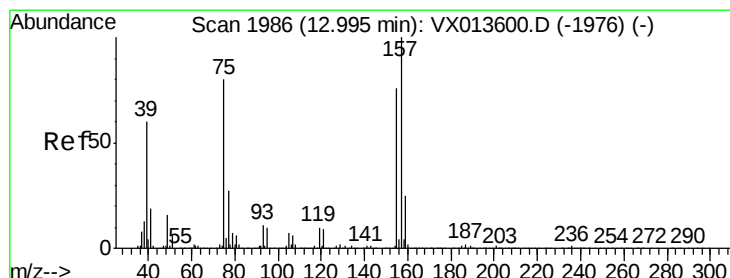
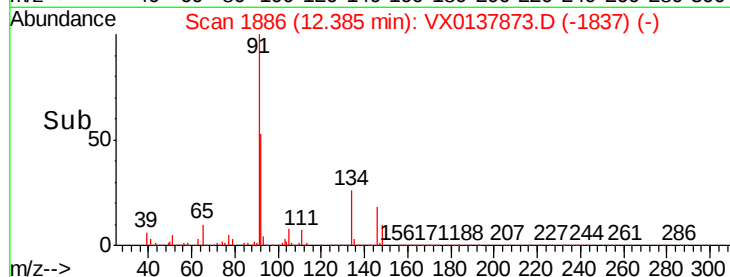
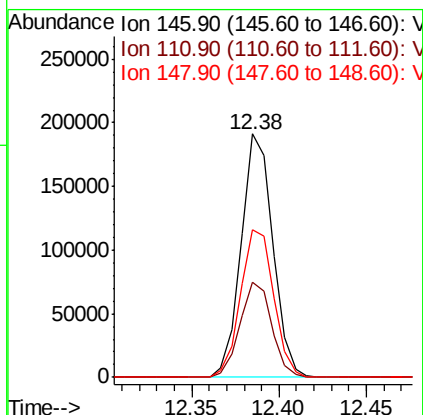
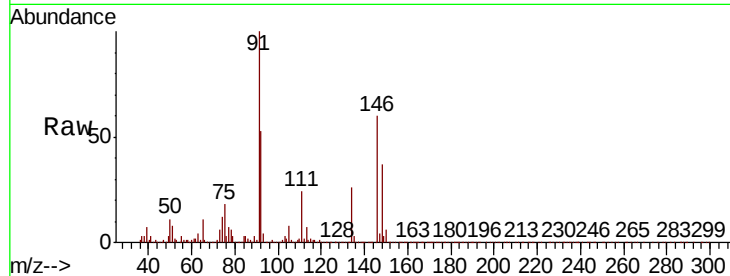




#91
 1,2-Dichlorobenzene
 Concen: 19.869 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

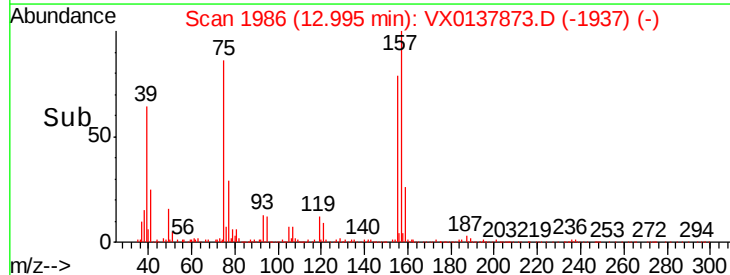
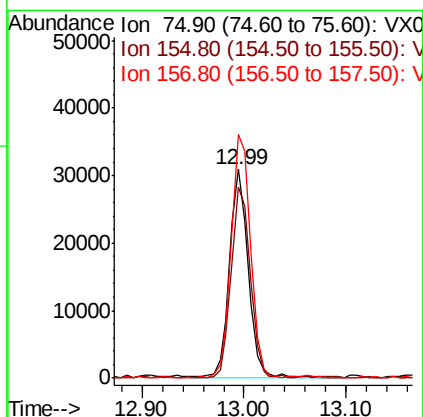
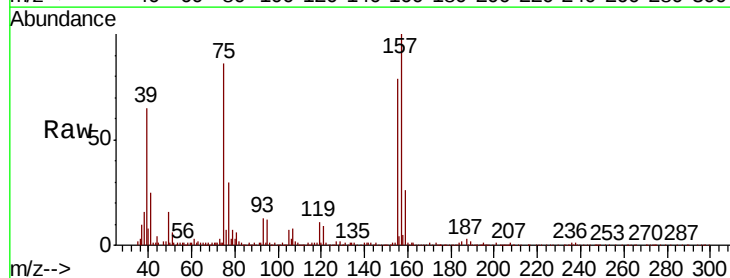
Instrument :
 MSVOA_X
 ClientSampleId :

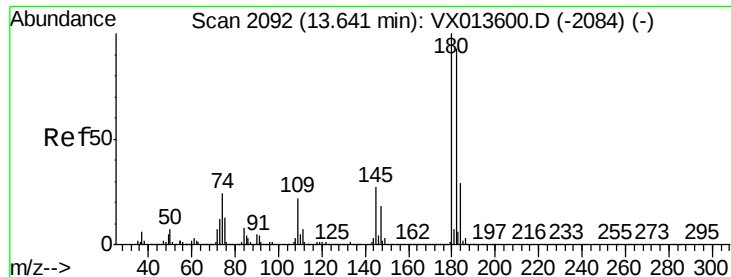
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	63.5	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.608 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	47.6	142.8
157	121.3	62.1	186.2

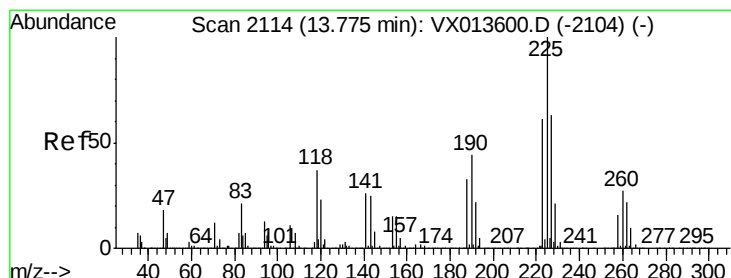
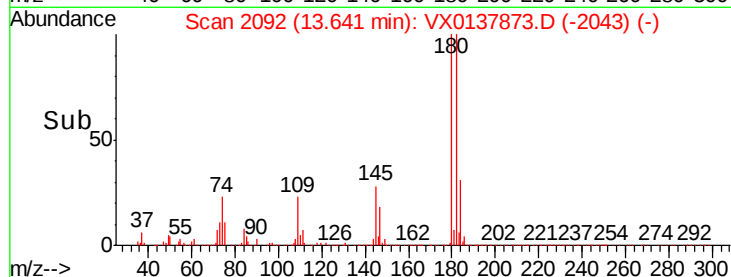
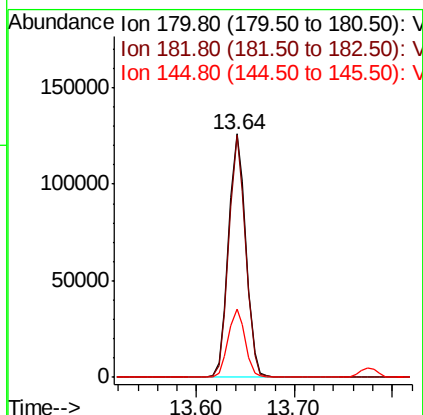
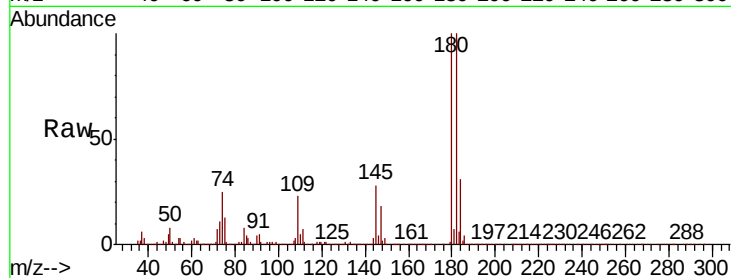




#93
 1,2,4-Trichlorobenzene
 Concen: 18.485 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

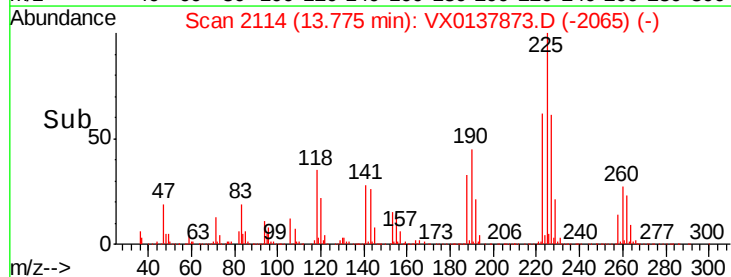
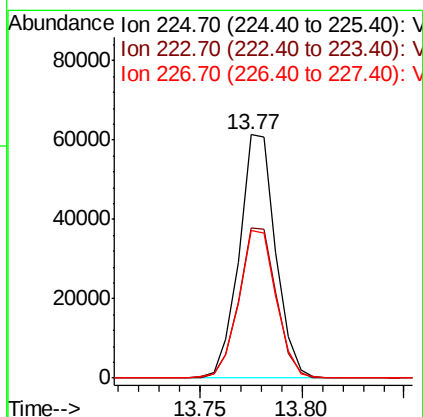
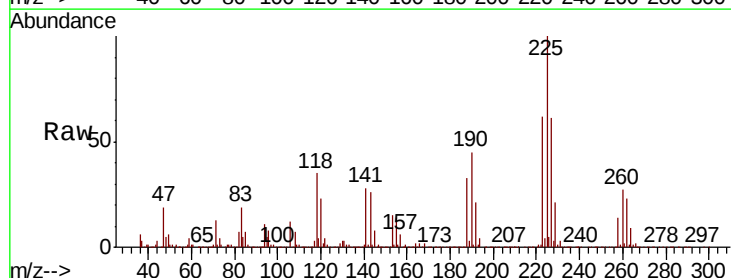
Instrument :
 MSVOA_X
 ClientSampleId :

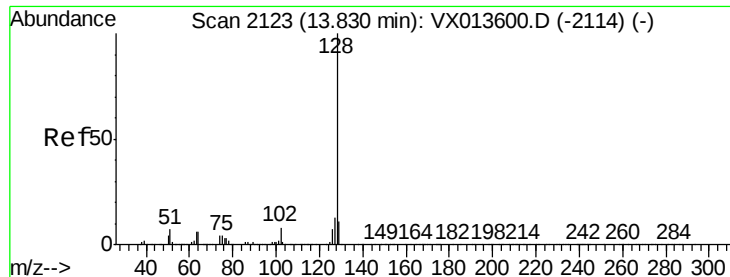
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.2	141.6
145	27.5	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 18.626 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.5
227	63.1	32.1	96.3

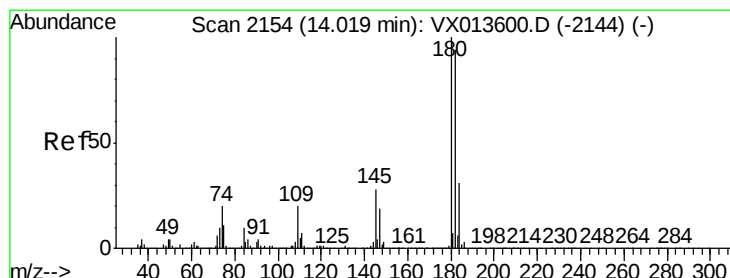
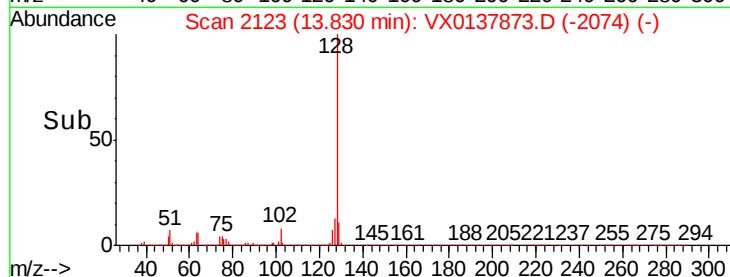
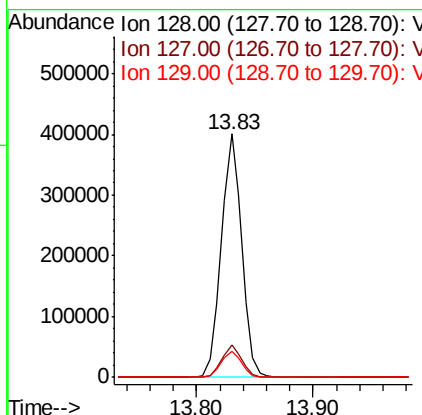
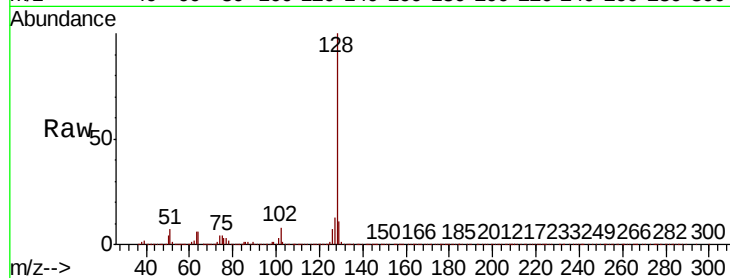




#95
Naphthalene
Concen: 19.182 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.200 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	29.8	15.0	45.0

