

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
 Data File : VX014937.D
 Acq On : 14 Feb 2020 09:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:07:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	472956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	643218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	252368	47.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	209835	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	791992	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	295045	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	255498	57.044	ug/l	99
3) Chloromethane	1.32	50	271516	53.469	ug/l	98
4) Vinyl Chloride	1.41	62	294521	53.840	ug/l	98
5) Bromomethane	1.63	94	191490	54.080	ug/l	97
6) Chloroethane	1.72	64	183455	52.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	414716	54.262	ug/l	100
8) Diethyl Ether	2.18	74	166294	52.469	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	242595	54.683	ug/l	99
10) Methyl Iodide	2.50	142	289534	57.795	ug/l	99
11) Tert butyl alcohol	3.02	59	244760	259.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	234703	54.140	ug/l	99
13) Acrolein	2.28	56	173267	241.220	ug/l	99
14) Allyl chloride	2.72	41	401996	52.302	ug/l	99
15) Acrylonitrile	3.13	53	621350	260.070	ug/l	99
16) Acetone	2.43	43	848956	298.193	ug/l	98
17) Carbon Disulfide	2.56	76	628465	51.886	ug/l	99
18) Methyl Acetate	2.76	43	287248	53.433	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	781429	55.387	ug/l	97
20) Methylene Chloride	2.85	84	258839	50.410	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	251142	52.502	ug/l	100
22) Diisopropyl ether	3.84	45	806118	54.914	ug/l	97
23) Vinyl Acetate	3.80	43	3458376	285.789	ug/l	99
24) 1,1-Dichloroethane	3.69	63	444065	53.600	ug/l	99
25) 2-Butanone	4.65	43	1023031	281.526	ug/l	99
26) 2,2-Dichloropropane	4.57	77	391160	54.785	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	287012	53.676	ug/l	100
28) Bromochloromethane	5.00	49	164187	51.128	ug/l	99
29) Tetrahydrofuran	5.11	42	551862	267.150	ug/l	100
30) Chloroform	5.20	83	449446	54.678	ug/l	98
31) Cyclohexane	5.57	56	410700	54.427	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	394826	54.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	342167	55.230	ug/l	99
37) Ethyl Acetate	4.81	43	345650	53.493	ug/l	100
38) Carbon Tetrachloride	5.77	117	346127	57.329	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	435559	56.215	ug/l	97
40) Benzene	6.13	78	1012023	54.673	ug/l	98
41) Methacrylonitrile	5.03	41	196313	56.396	ug/l	99
42) 1,2-Dichloroethane	6.18	62	360677	53.911	ug/l	99
43) Isopropyl Acetate	6.43	43	589869	55.339	ug/l	100
44) Trichloroethene	7.20	130	296828	55.239	ug/l	99
45) 1,2-Dichloropropane	7.50	63	259127	54.891	ug/l	99
46) Dibromomethane	7.65	93	174170	53.975	ug/l	100
47) Bromodichloromethane	7.89	83	356928	55.786	ug/l	98
48) Methyl methacrylate	7.76	41	294542	56.149	ug/l	99
49) 1,4-Dioxane	7.73	88	109230	1113.690	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1765452	274.297	ug/l	100
52) Toluene	8.78	92	649761	55.267	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	403860	57.595	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	435812	56.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	261635	55.005	ug/l	98
56) Ethyl methacrylate	9.17	69	413599	57.850	ug/l	99
57) 1,3-Dichloropropane	9.36	76	437347	54.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1130600	302.375	ug/l	100
59) 2-Hexanone	9.48	43	1473617	291.286	ug/l	99
60) Dibromochloromethane	9.57	129	295683	57.764	ug/l	99
61) 1,2-Dibromoethane	9.67	107	277842	54.137	ug/l	100
64) Tetrachloroethene	9.33	164	307110	51.067	ug/l	98
65) Chlorobenzene	10.13	112	717336	54.984	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	268943	56.783	ug/l	99
67) Ethyl Benzene	10.25	91	1265509	57.037	ug/l	99
68) m/p-Xylenes	10.35	106	975656	114.147	ug/l	98
69) o-Xylene	10.69	106	464023	56.476	ug/l	99
70) Styrene	10.70	104	816603	58.749	ug/l	99
71) Bromoform	10.85	173	232054	58.697	ug/l #	99
73) Isopropylbenzene	11.01	105	1260796	57.434	ug/l	100
74) N-amyl acetate	10.89	43	529302	58.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	386459	53.855	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	455550	71.966	ug/l	93
77) Bromobenzene	11.25	156	334950	54.667	ug/l	98
78) n-propylbenzene	11.35	91	1452818	57.221	ug/l	99
79) 2-Chlorotoluene	11.42	91	830580	55.645	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1061598	57.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	138456	55.988	ug/l	99
82) 4-Chlorotoluene	11.51	91	992100	56.126	ug/l	100
83) tert-Butylbenzene	11.76	119	1021597	58.816	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1067924	57.773	ug/l	99
85) sec-Butylbenzene	11.94	105	1245867	57.739	ug/l	100
86) p-Isopropyltoluene	12.06	119	1170693	57.978	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	603212	54.878	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	611919	54.515	ug/l	99
89) n-Butylbenzene	12.38	91	1059420	58.583	ug/l	100
90) Hexachloroethane	12.59	117	209230	59.335	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	594998	55.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85249	50.638	ug/l	98

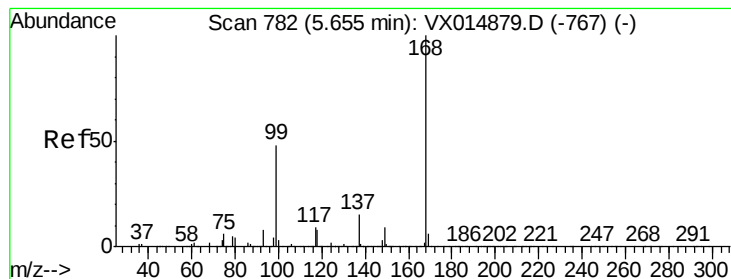
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	459063	57.698	ug/l	98
94) Hexachlorobutadiene	13.77	225	223927	58.189	ug/l	99
95) Naphthalene	13.83	128	1253805	59.269	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	441702	57.462	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

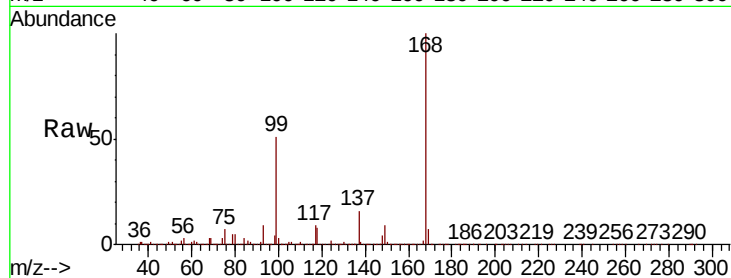
ClientSampleId :

Tot Ion:168 Resp: 472956

Ion Ratio Lower Upper

168 100

99 51.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

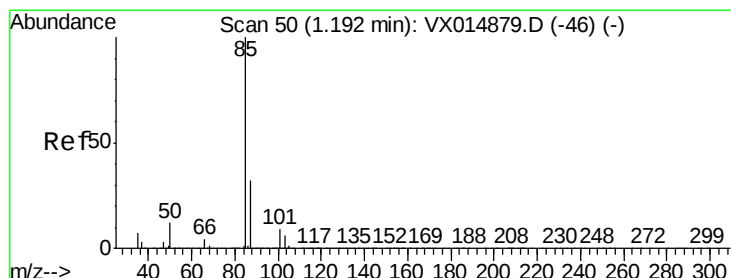
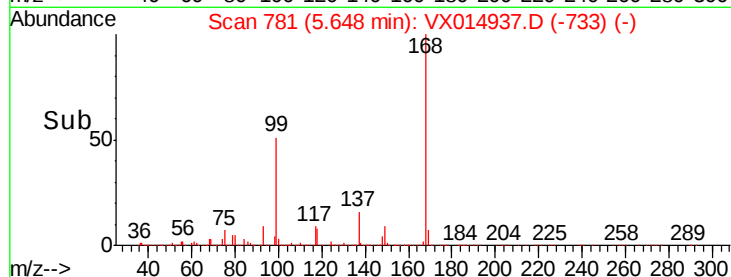
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.044 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014937.D

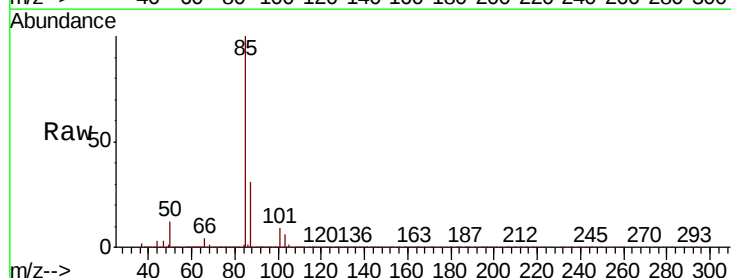
Acq: 14 Feb 2020 09:28

Tgt Ion: 85 Resp: 255498

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

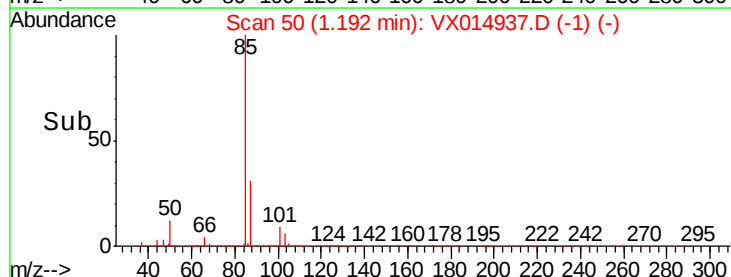
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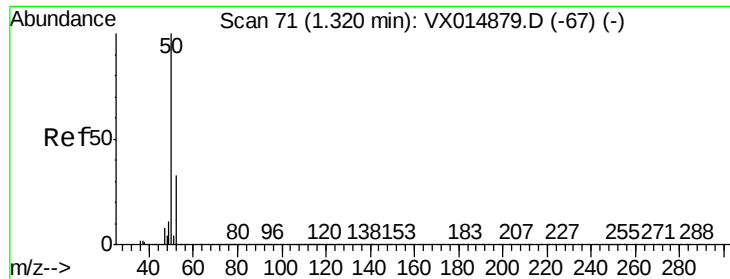
100000

50000

0

Time-->





#3

Chloromethane

Concen: 53.469 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

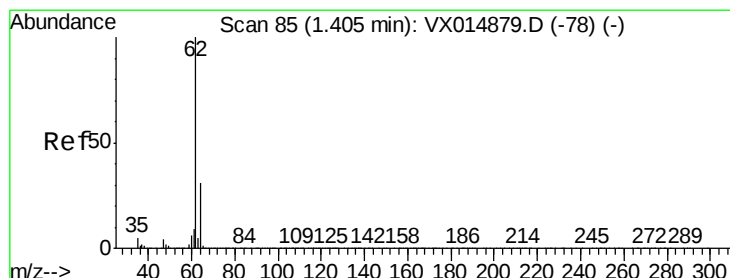
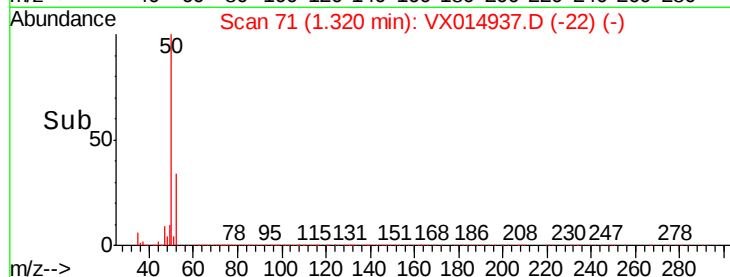
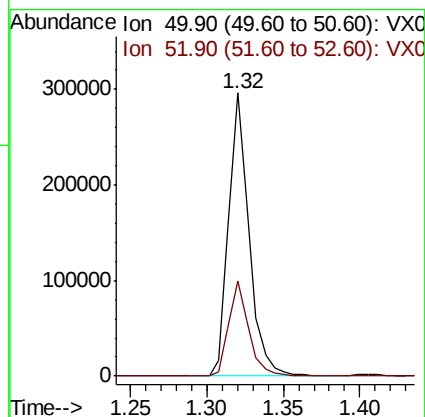
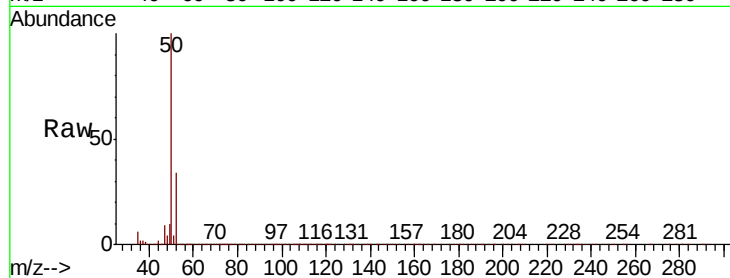
ClientSampleId :

Tot Ion: 50 Resp: 271516

Ion Ratio Lower Upper

50 100

52 33.6 26.2 39.2



#4

Vinyl Chloride

Concen: 53.840 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014937.D

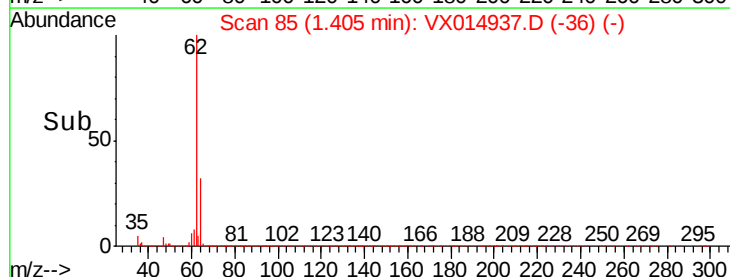
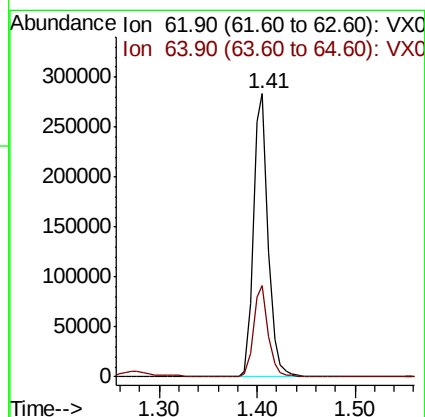
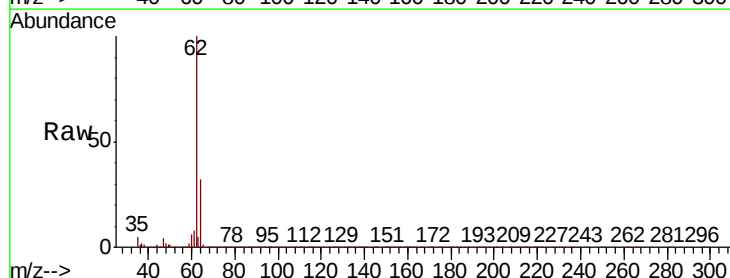
Acq: 14 Feb 2020 09:28

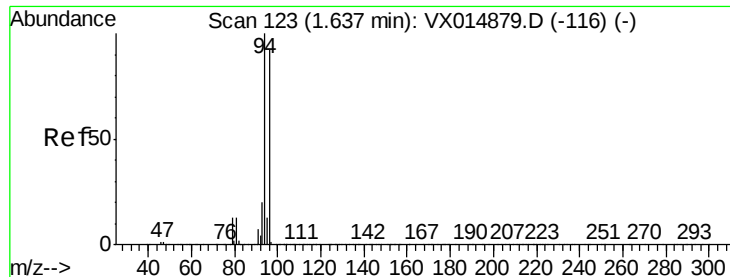
Tgt Ion: 62 Resp: 294521

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 54.080 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

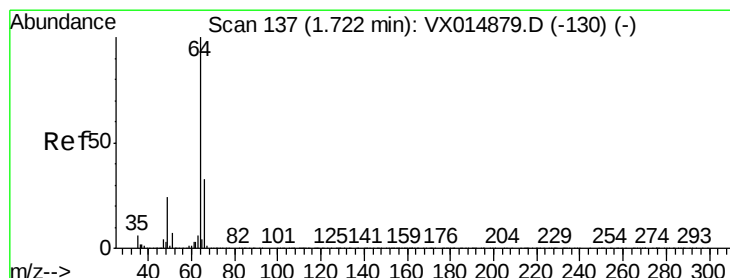
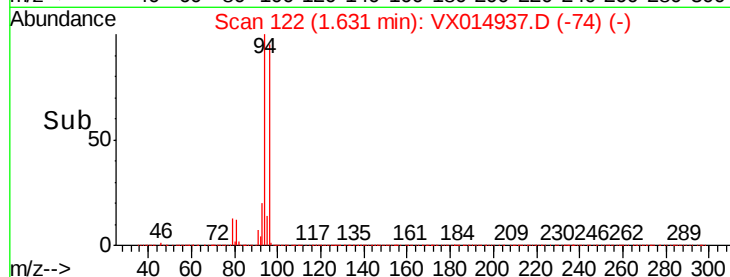
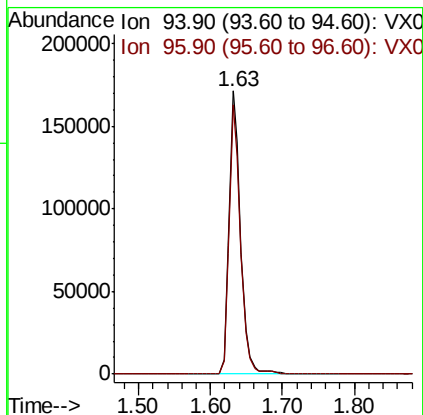
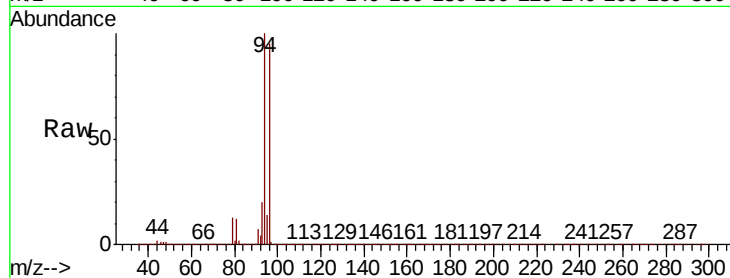
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 191490

Ion Ratio Lower Upper

94 100

96 95.3 73.7 110.5



#6

Chloroethane

Concen: 52.413 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014937.D

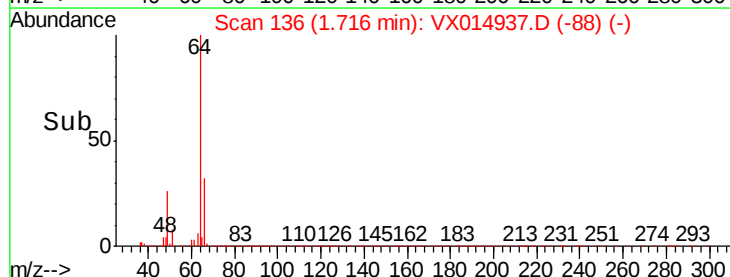
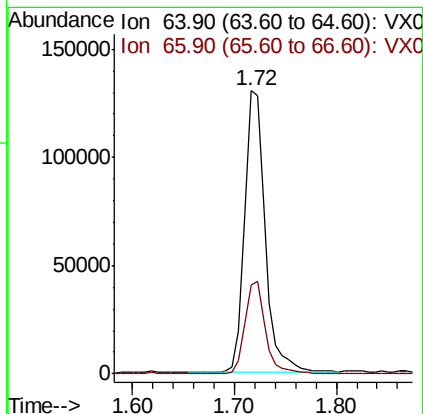
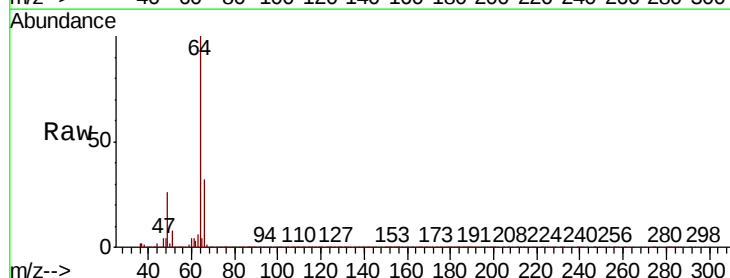
Acq: 14 Feb 2020 09:28

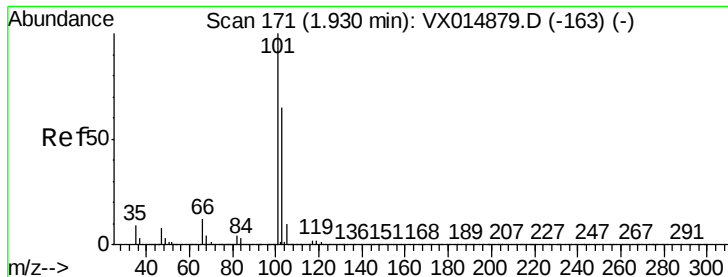
Tgt Ion: 64 Resp: 183455

Ion Ratio Lower Upper

64 100

66 31.5 26.2 39.4



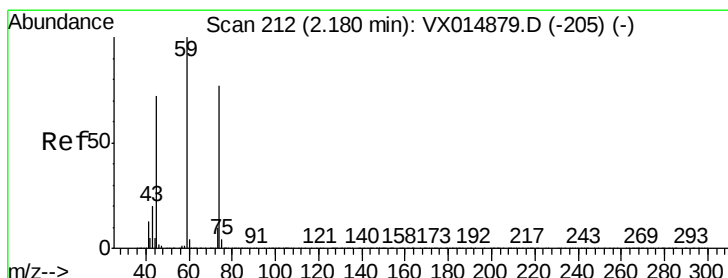
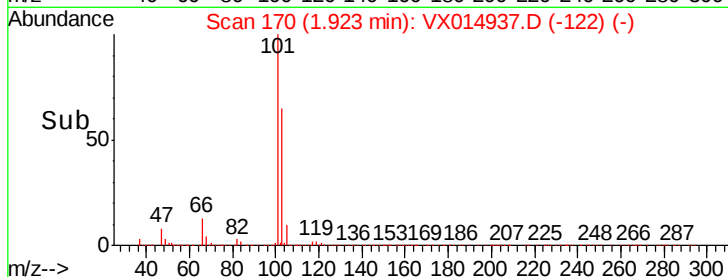
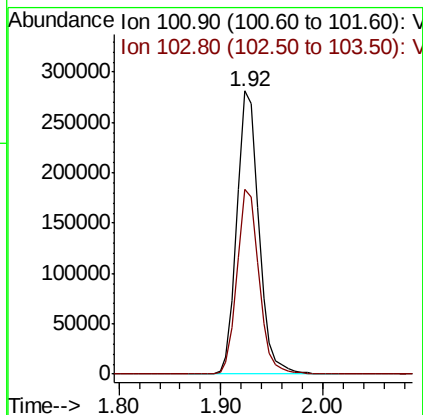
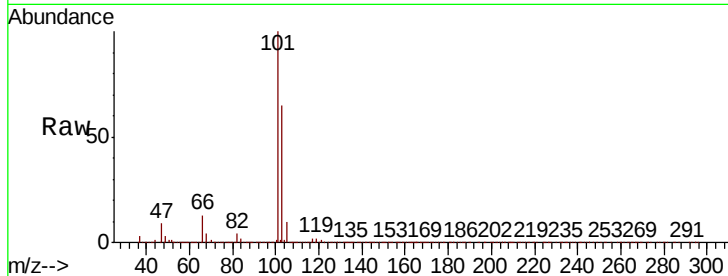


#7

Trichlorofluoromethane
 Concen: 54.262 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampleId :

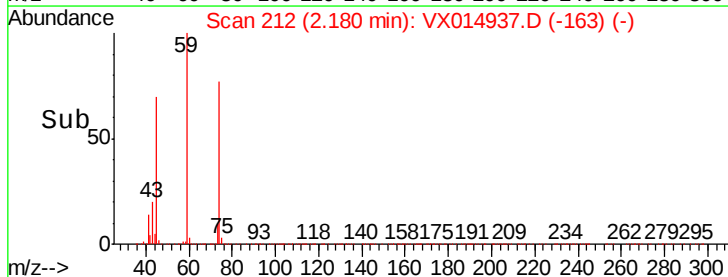
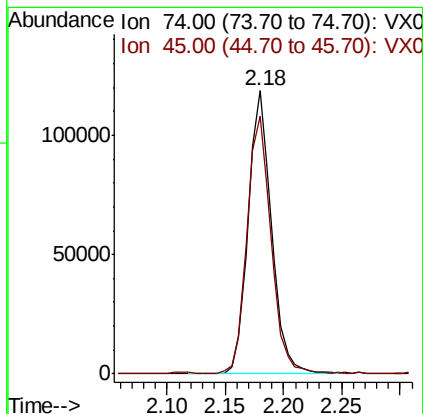
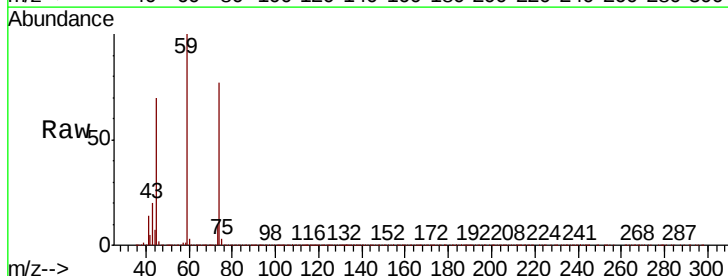
Tot Ion:101 Resp: 414716
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.4

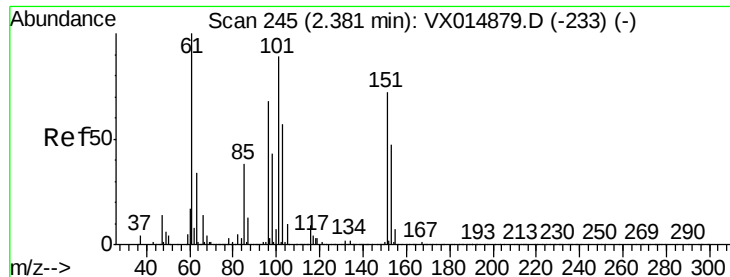


#8

Diethyl Ether
 Concen: 52.469 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion: 74 Resp: 166294
 Ion Ratio Lower Upper
 74 100
 45 93.6 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.683 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

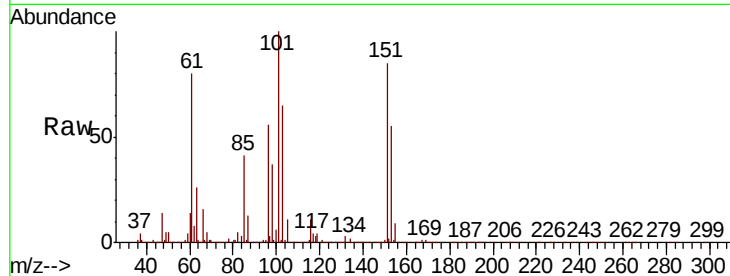
Tot Ion:101 Resp: 242595

Ion Ratio Lower Upper

101 100

85 42.1 34.1 51.1

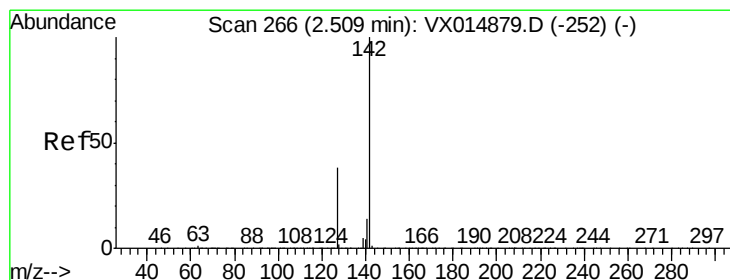
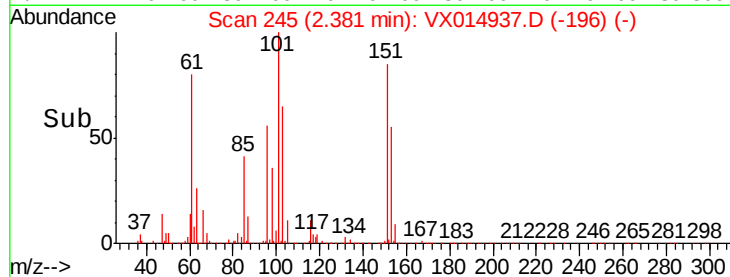
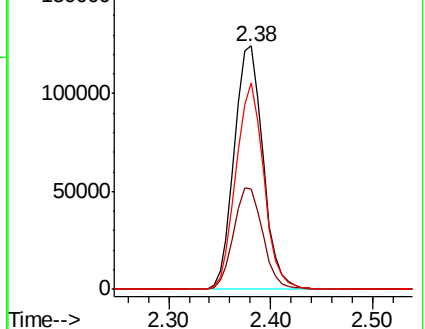
151 82.7 67.3 100.9



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: 57.795 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

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Acq: 14 Feb 2020 09:28

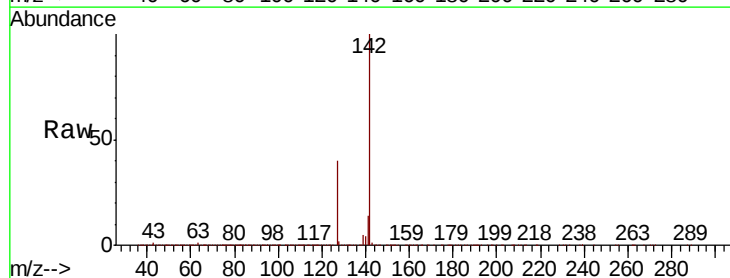
Tgt Ion:142 Resp: 289534

Ion Ratio Lower Upper

142 100

127 40.1 31.1 46.7

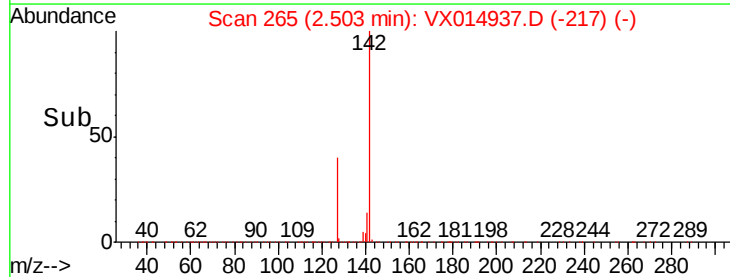
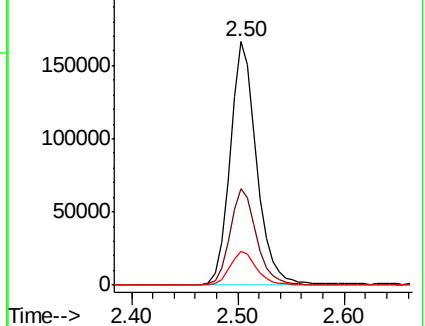
141 14.0 11.3 16.9

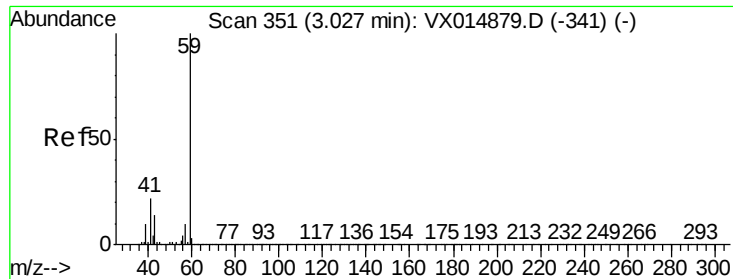


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

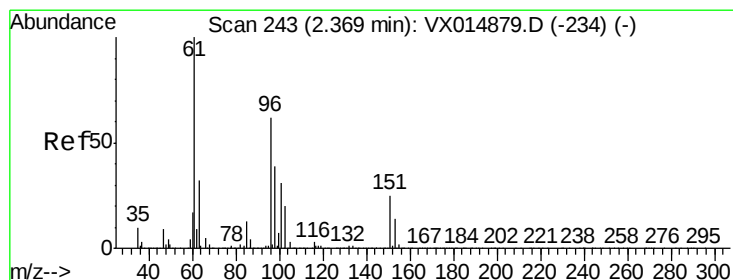
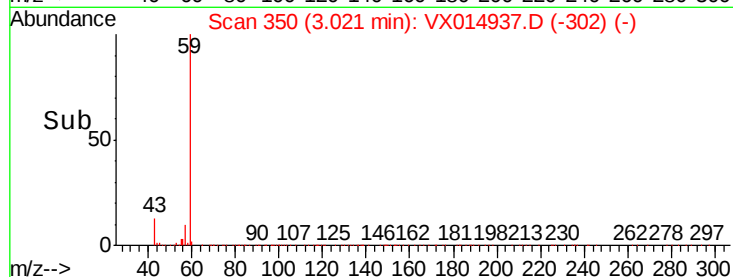
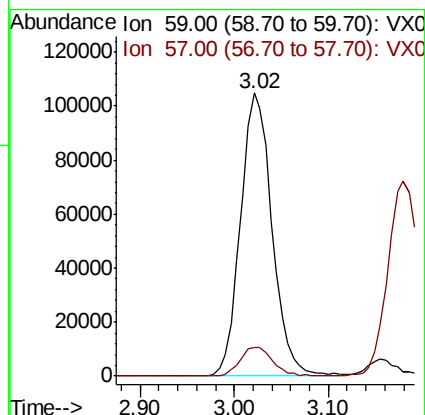
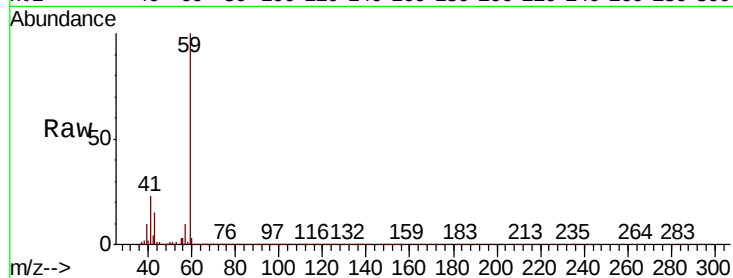




#11
Tert butyl alcohol
Concen: 259.709 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

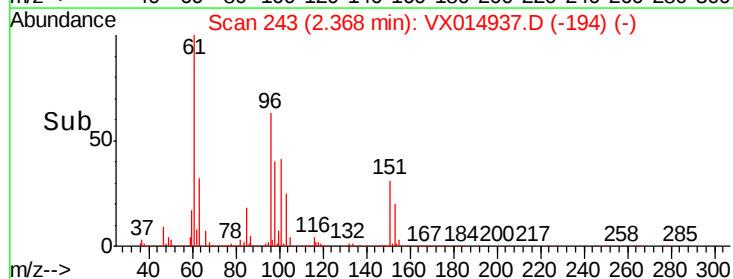
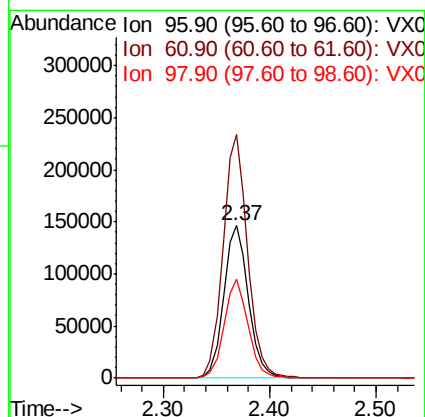
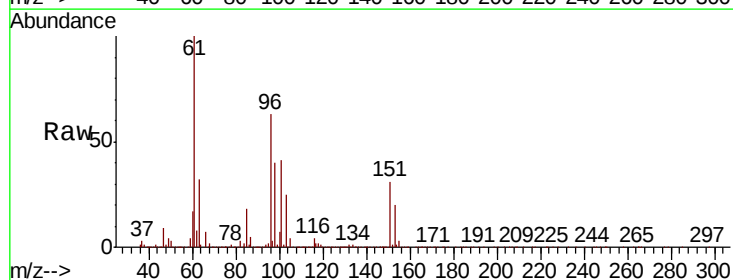
Instrument :
MSVOA_X
ClientSampled :

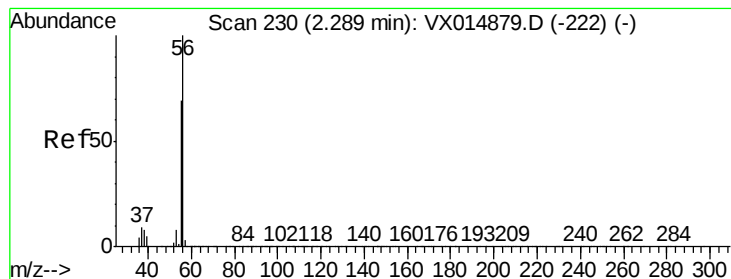
Tot Ion: 59 Resp: 244760
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 54.140 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 96 Resp: 234703
Ion Ratio Lower Upper
96 100
61 160.0 129.5 194.3
98 64.6 50.6 76.0





#13

Acrolein

Concen: 241.220 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

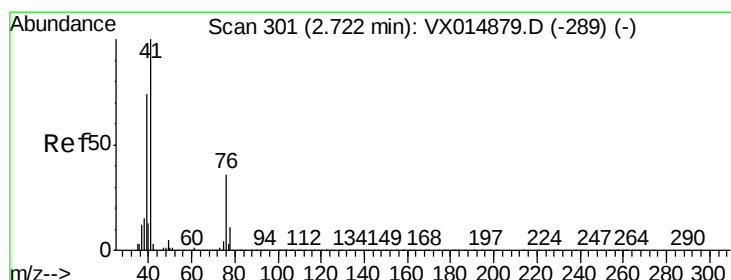
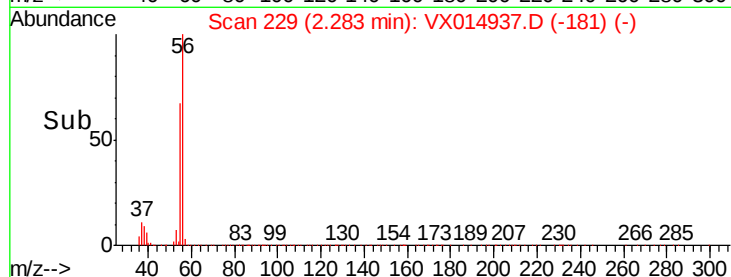
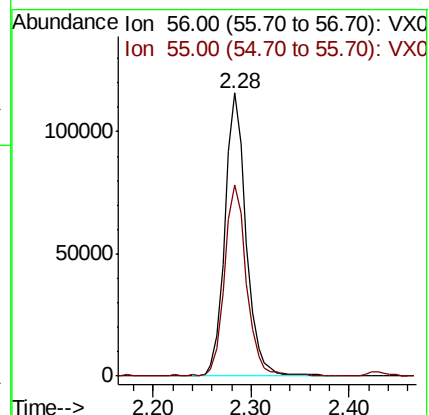
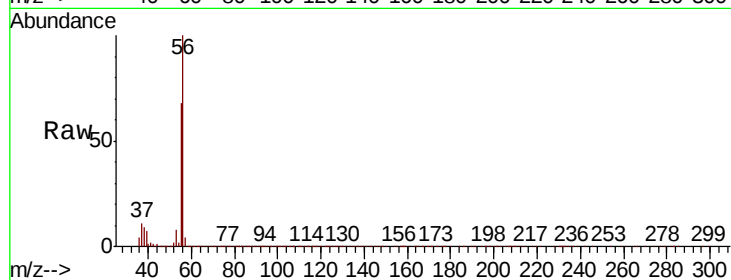
ClientSampleId :

Tot Ion: 56 Resp: 173267

Ion Ratio Lower Upper

56 100

55 69.7 55.0 82.4



#14

Allyl chloride

Concen: 52.302 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

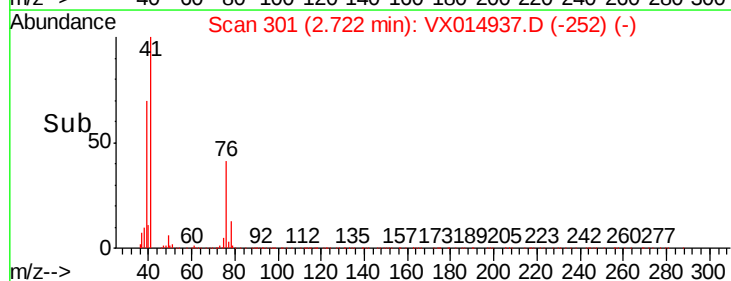
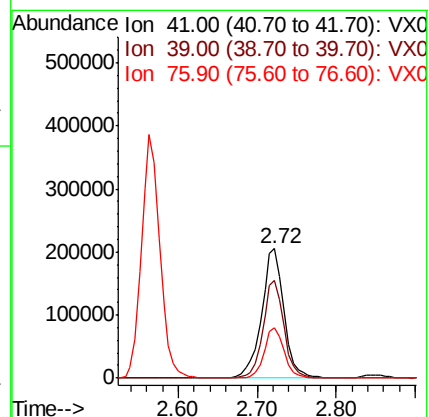
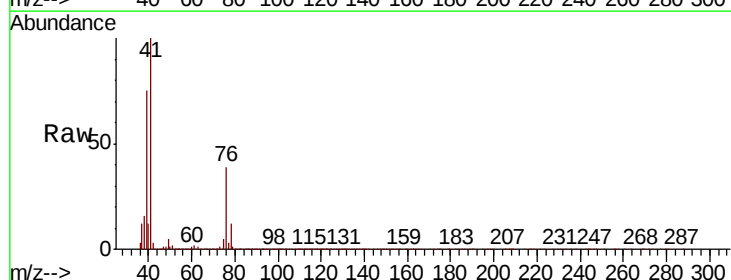
Tgt Ion: 41 Resp: 401996

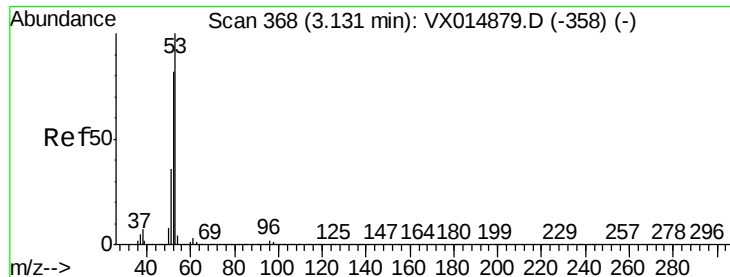
Ion Ratio Lower Upper

41 100

39 69.8 55.2 82.8

76 34.7 26.8 40.2





#15

Acrylonitrile

Concen: 260.070 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

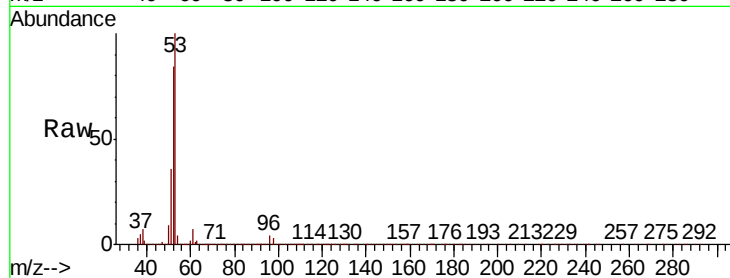
Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 621350

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	36.5	29.1	43.7

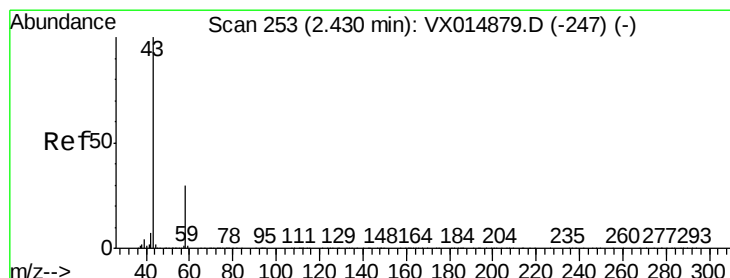
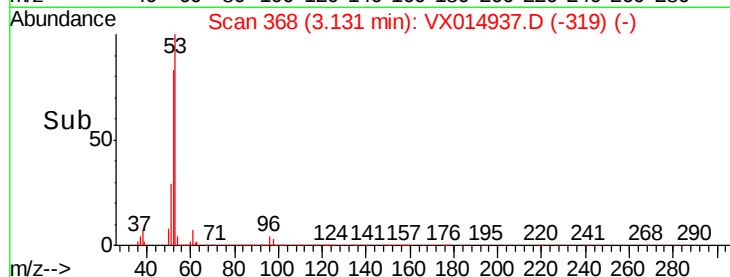
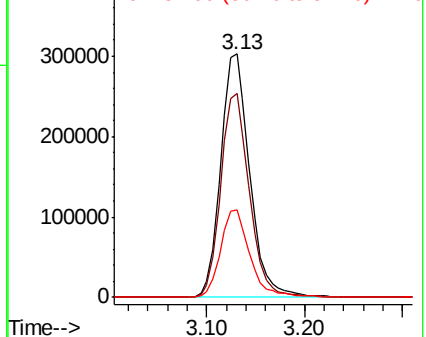


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 298.193 ug/l

RT: 2.43 min Scan# 253

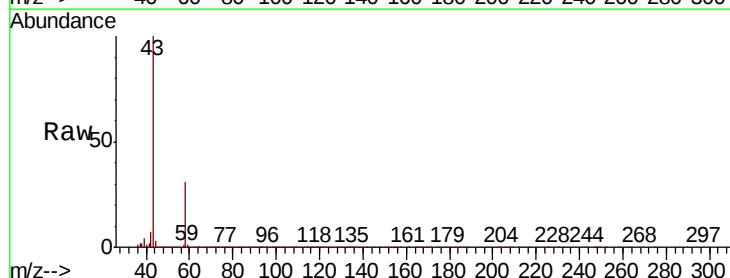
Delta R.T. 0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion: 43 Resp: 848956

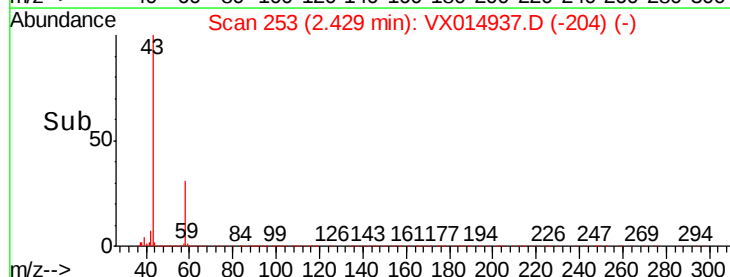
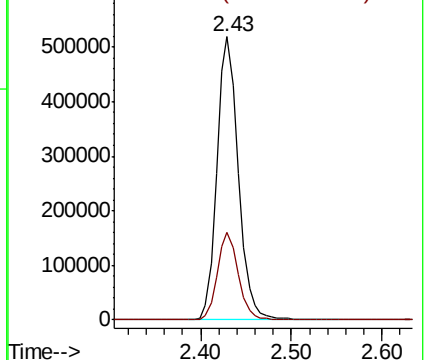
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.1	36.1

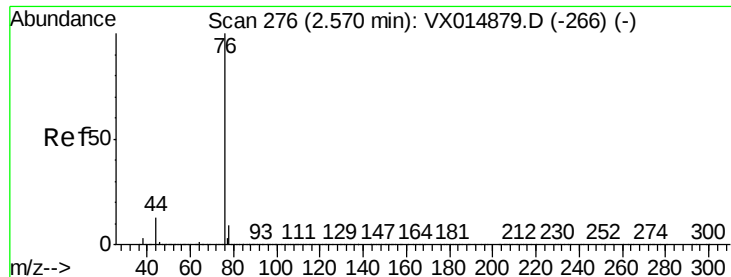


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.886 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

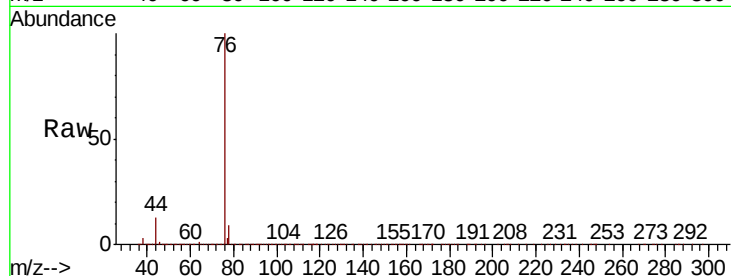
ClientSampleId :

Tot Ion: 76 Resp: 628465

Ion Ratio Lower Upper

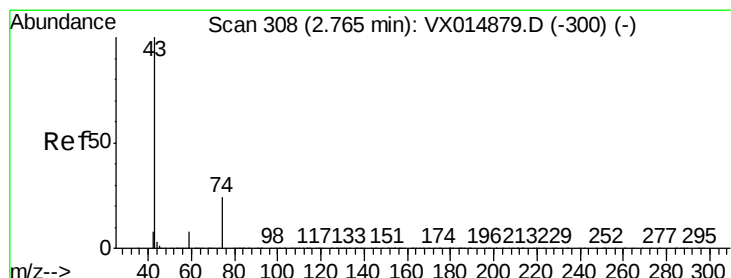
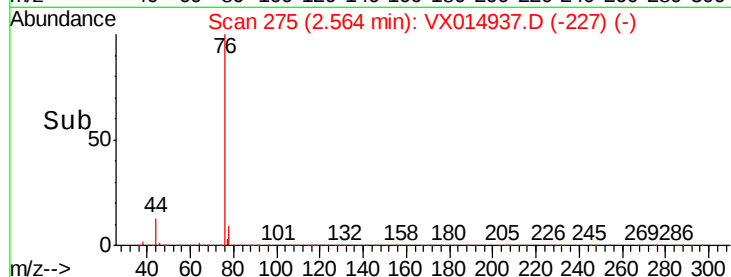
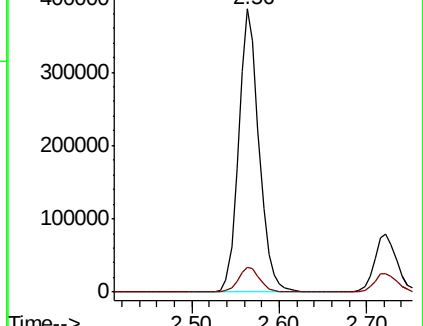
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.433 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014937.D

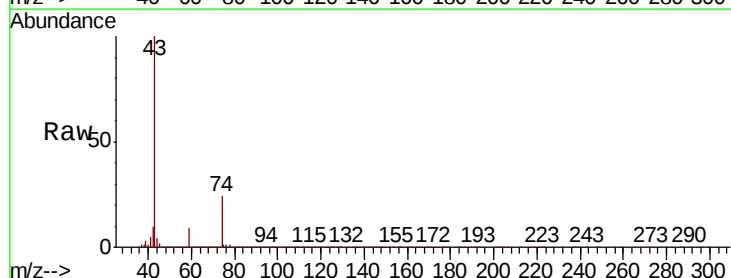
Acq: 14 Feb 2020 09:28

Tgt Ion: 43 Resp: 287248

Ion Ratio Lower Upper

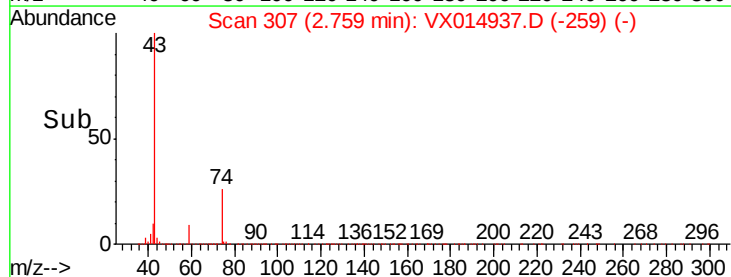
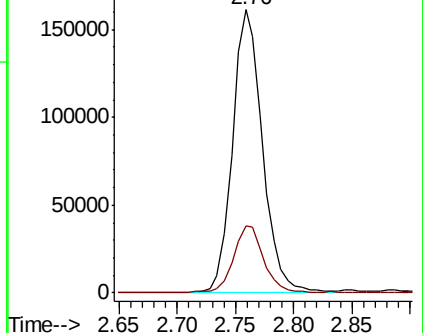
43 100

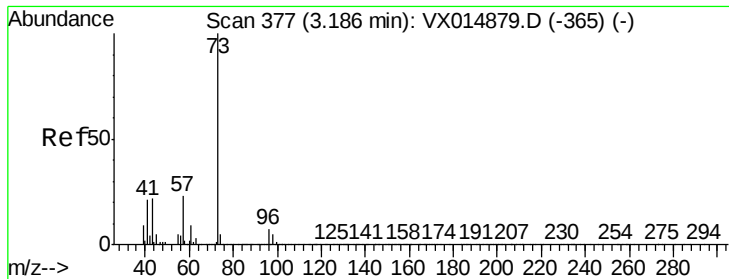
74 24.4 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

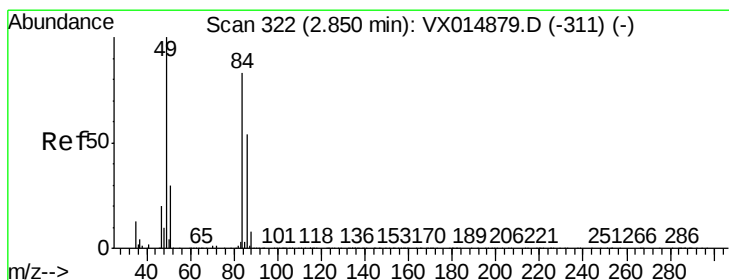
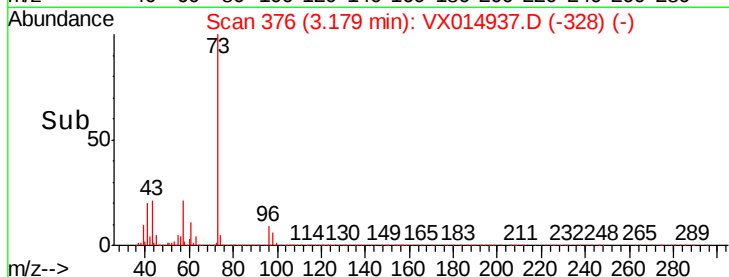
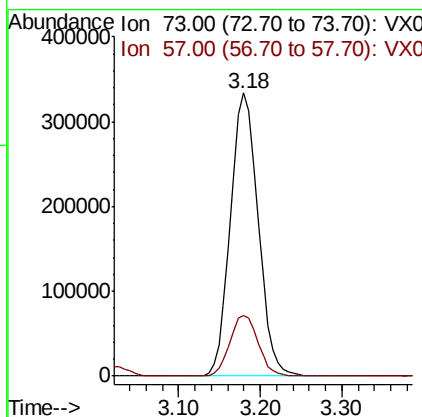
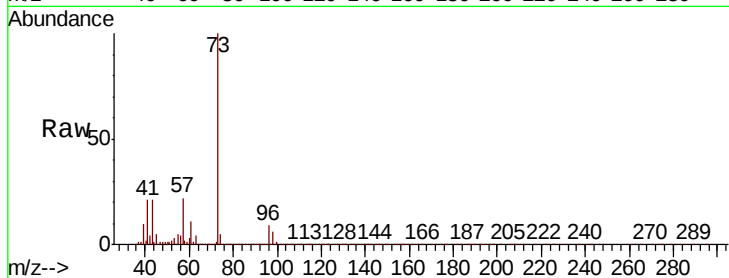




#19
Methyl tert-butyl Ether
Concen: 55.387 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

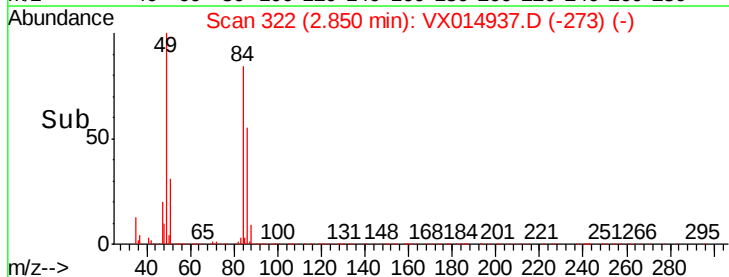
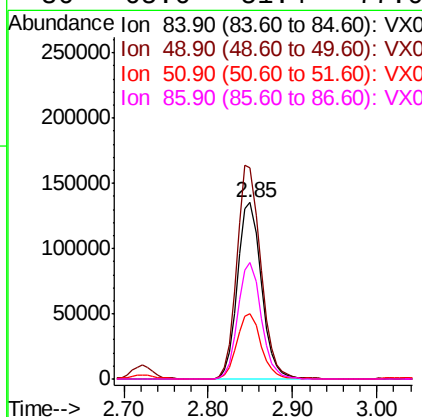
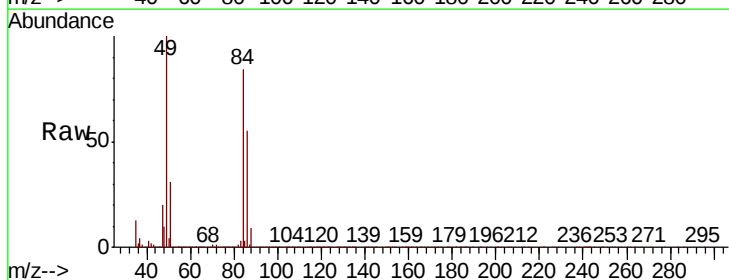
Instrument :
MSVOA_X
ClientSampleId :

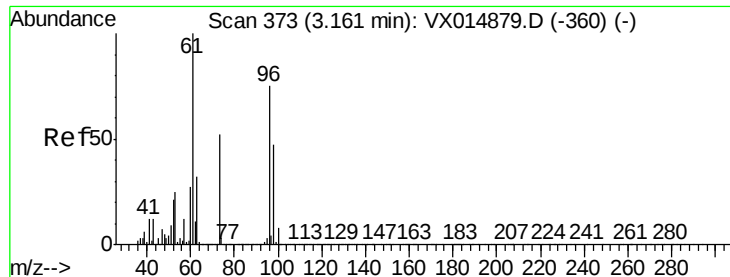
Tot Ion: 73 Resp: 781429
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.4



#20
Methylene Chloride
Concen: 50.410 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 84 Resp: 258839
Ion Ratio Lower Upper
84 100
49 119.2 95.6 143.4
51 37.0 29.0 43.6
86 65.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 52.502 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

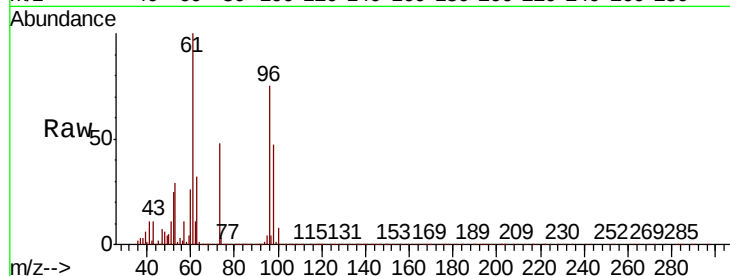
Tot Ion: 96 Resp: 251142

Ion Ratio Lower Upper

96 100

61 133.9 106.9 160.3

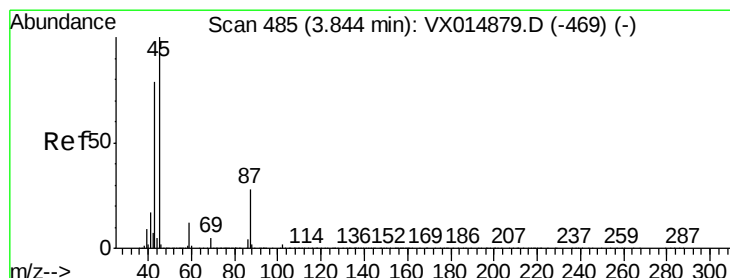
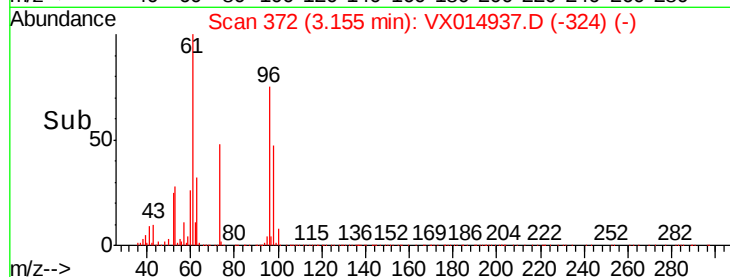
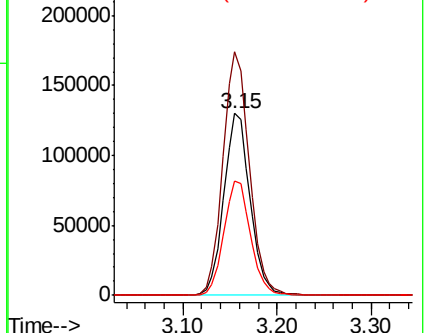
98 63.1 50.7 76.1



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: 54.914 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion: 45 Resp: 806118

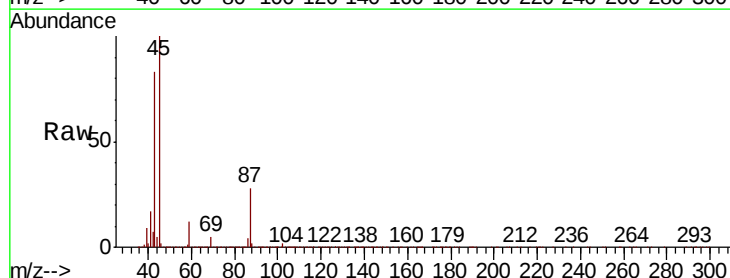
Ion Ratio Lower Upper

45 100

43 82.5 63.5 95.3

87 28.2 22.2 33.4

59 11.7 9.4 14.0

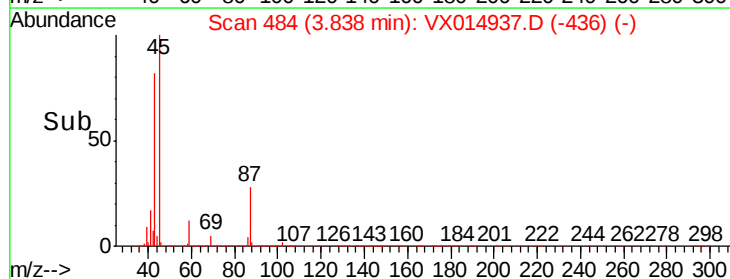
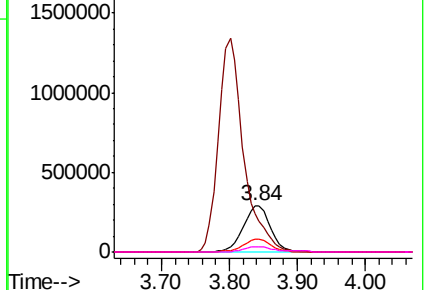


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 285.789 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

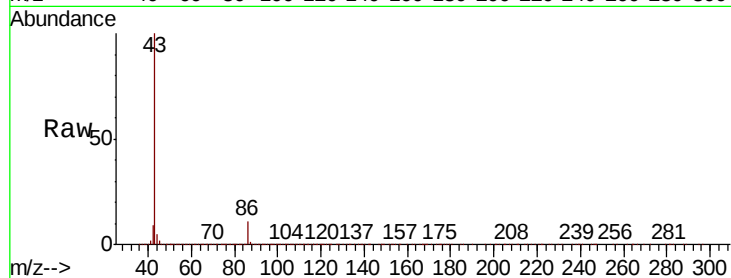
ClientSampleId :

Tot Ion: 43 Resp: 3458376

Ion Ratio Lower Upper

43 100

86 11.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

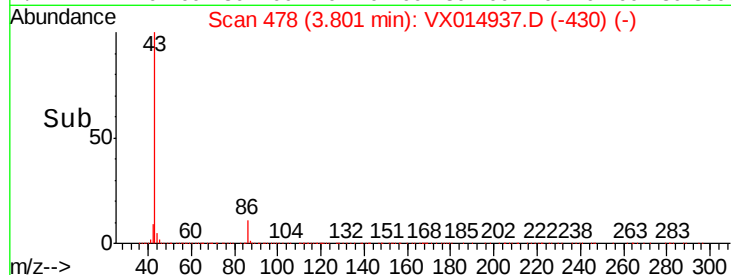
1500000

1000000

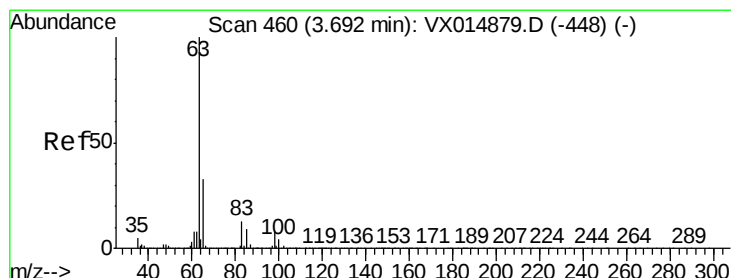
500000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 53.600 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

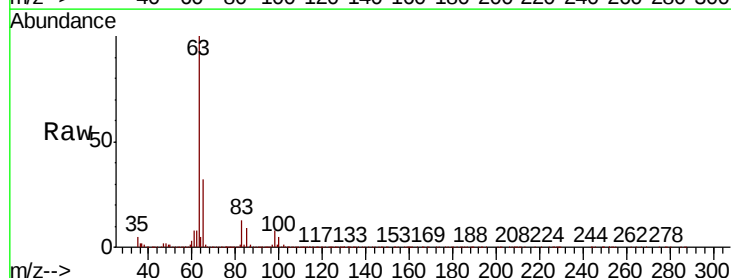
Tgt Ion: 63 Resp: 444065

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

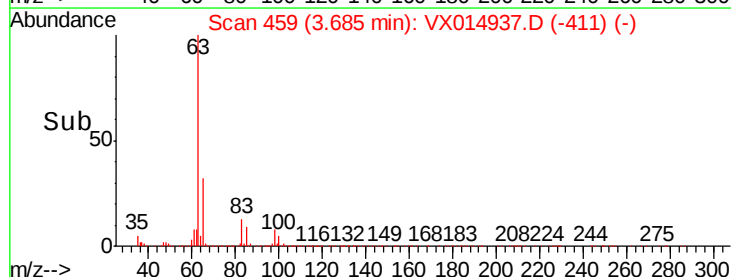
150000

100000

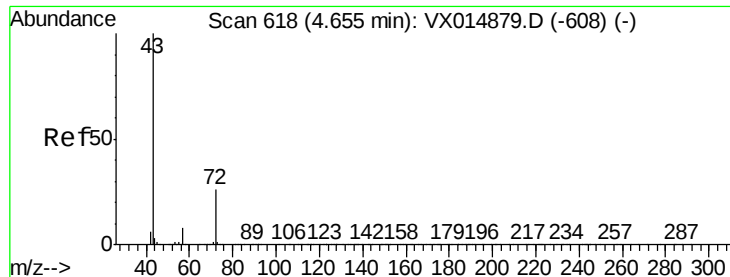
50000

0

Time-->



Time-->



#25

2-Butanone

Concen: 281.526 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

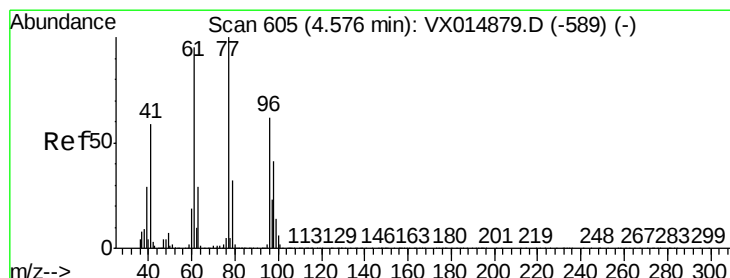
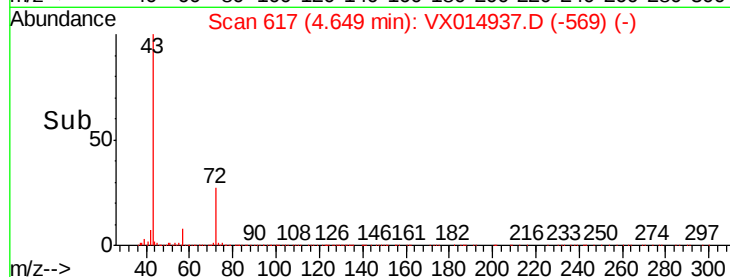
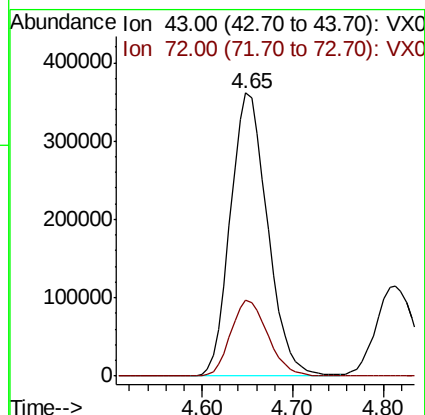
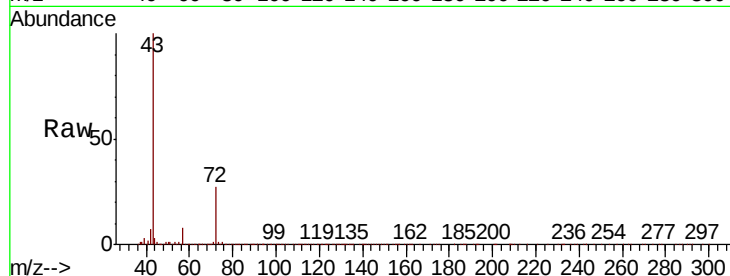
ClientSampleId :

Tot Ion: 43 Resp: 1023031

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 54.785 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014937.D

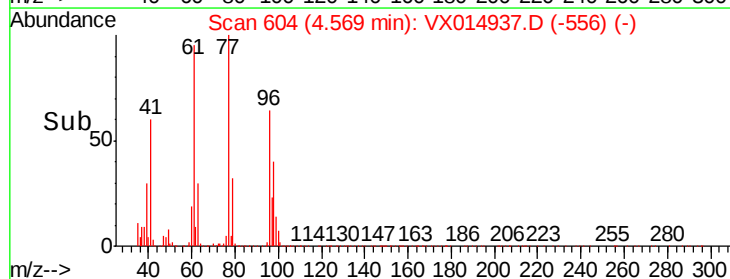
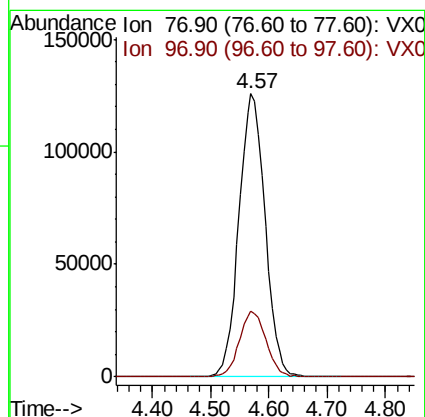
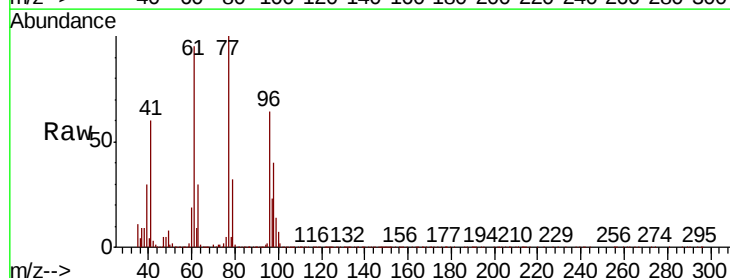
Acq: 14 Feb 2020 09:28

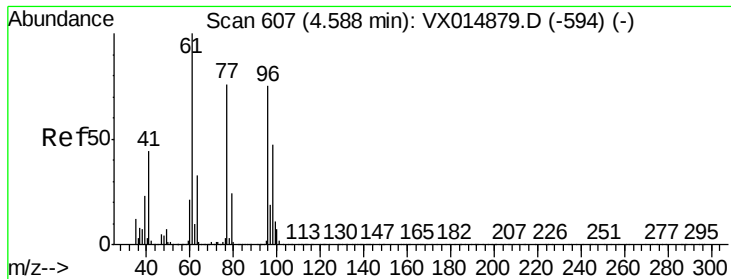
Tgt Ion: 77 Resp: 391160

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5



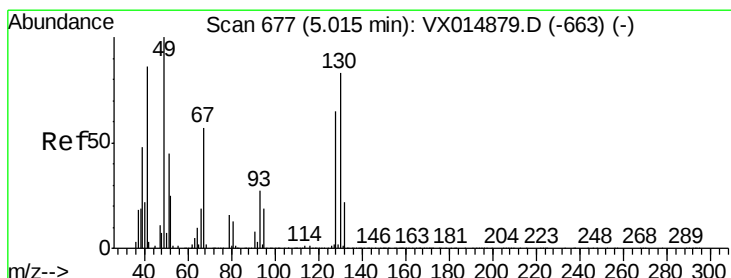
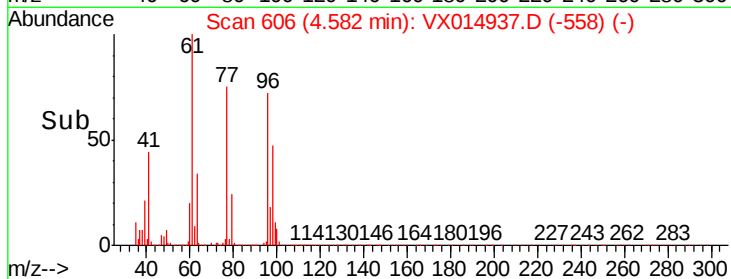
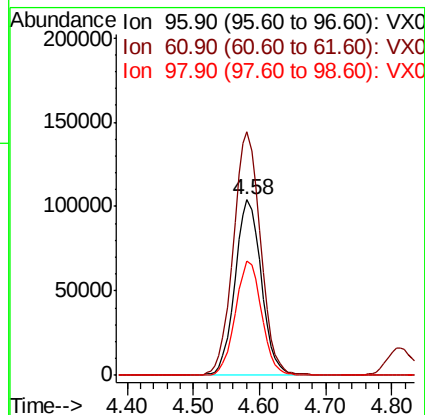
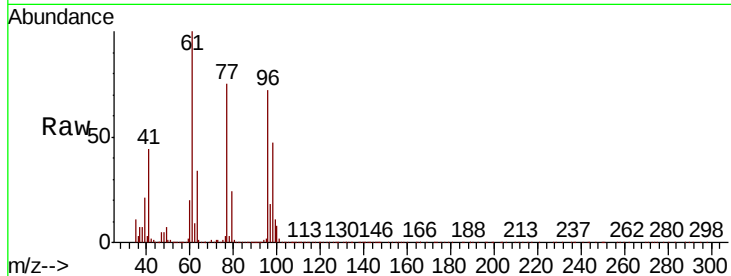


#27

cis-1,2-Dichloroethene
Concen: 53.676 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :

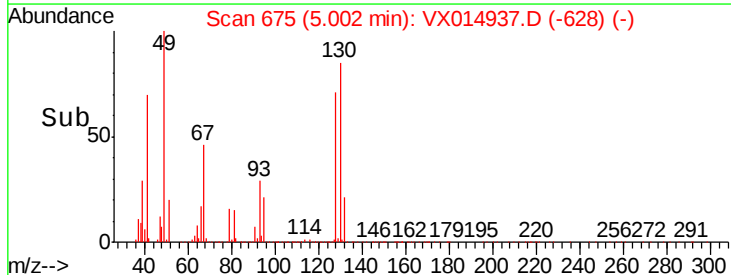
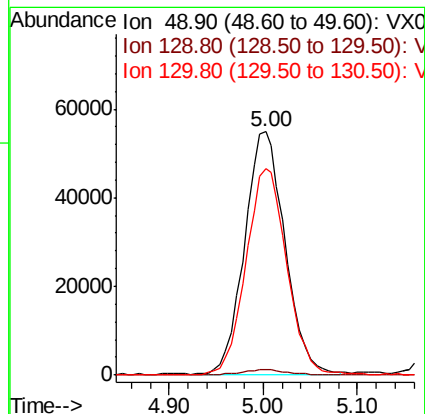
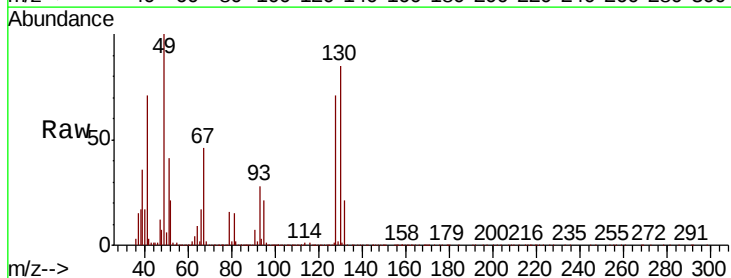
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	286.2
98	64.8	0.0	131.0

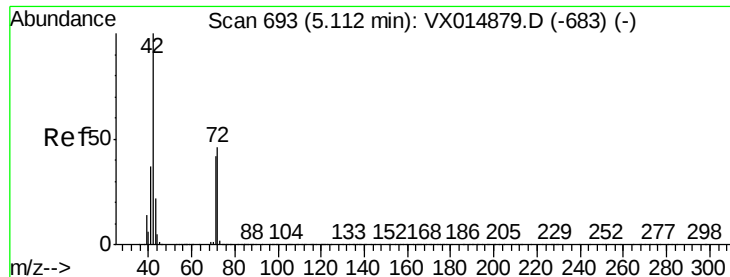


#28

Bromochloromethane
Concen: 51.128 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	85.5	67.4	101.2





#29

Tetrahydrofuran

Concen: 267.150 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

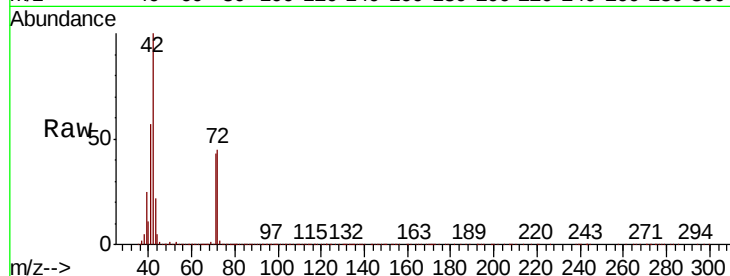
Tot Ion: 42 Resp: 551862

Ion Ratio Lower Upper

42 100

72 45.7 36.9 55.3

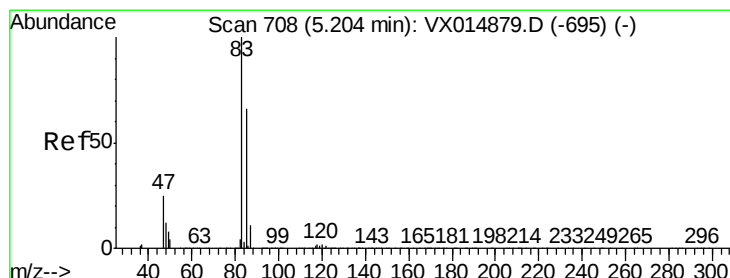
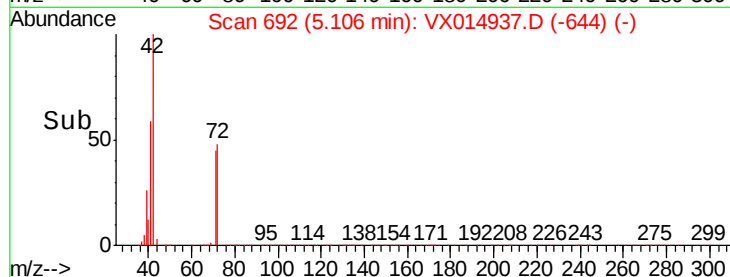
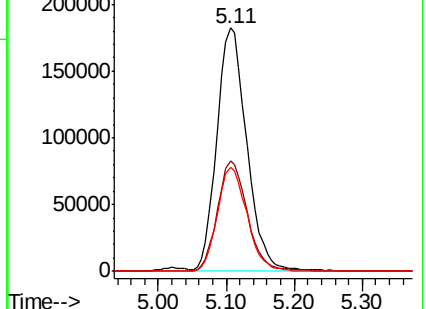
71 42.4 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.678 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014937.D

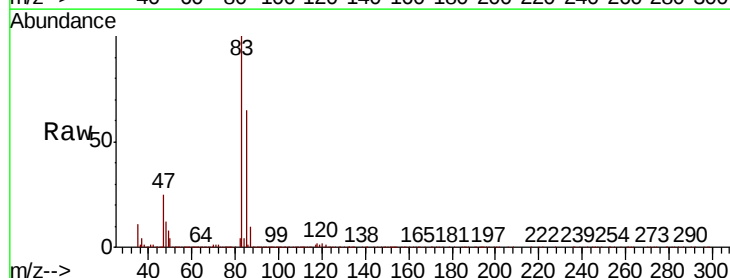
Acq: 14 Feb 2020 09:28

Tgt Ion: 83 Resp: 449446

Ion Ratio Lower Upper

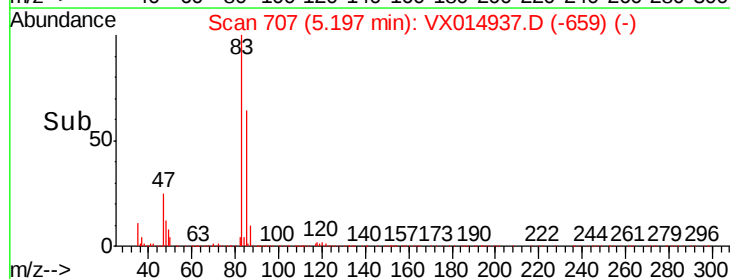
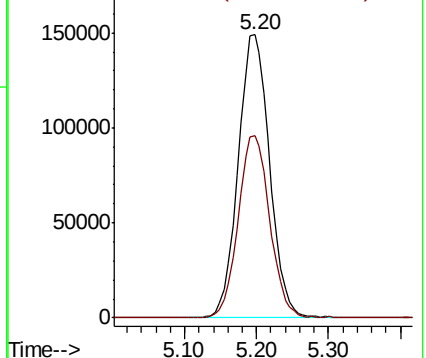
83 100

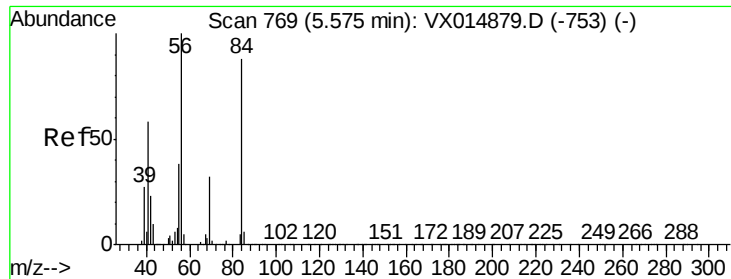
85 64.6 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

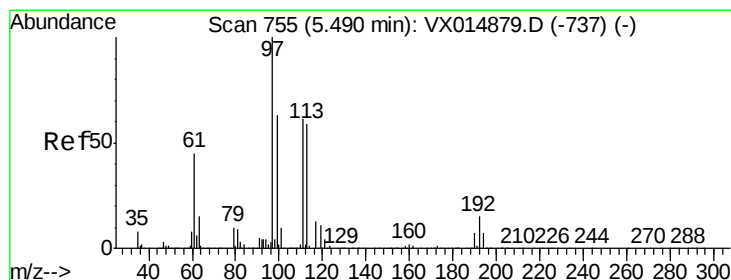
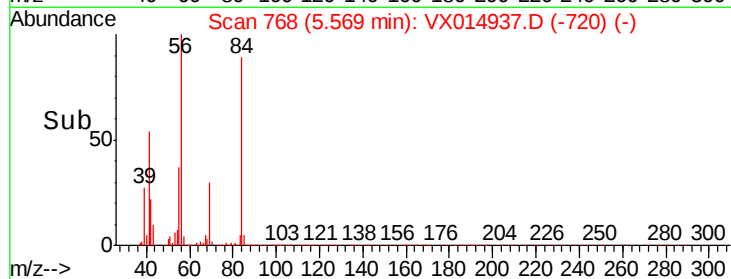
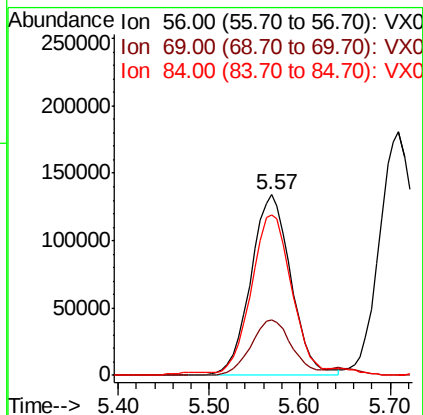
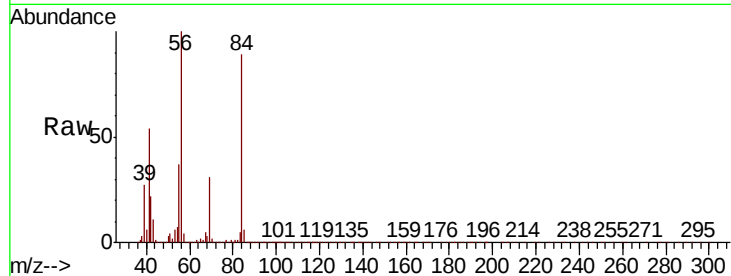




#31
Cyclohexane
Concen: 54.427 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

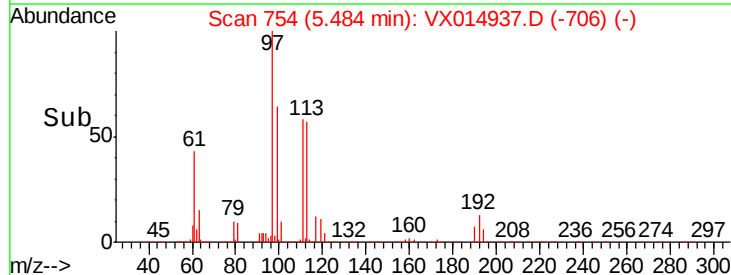
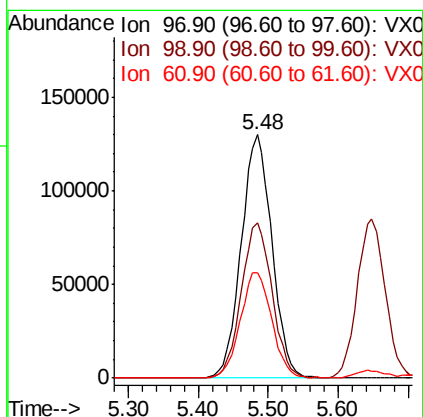
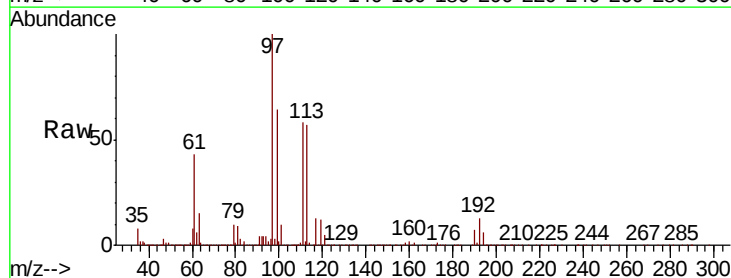
Instrument :
MSVOA_X
ClientSampleId :

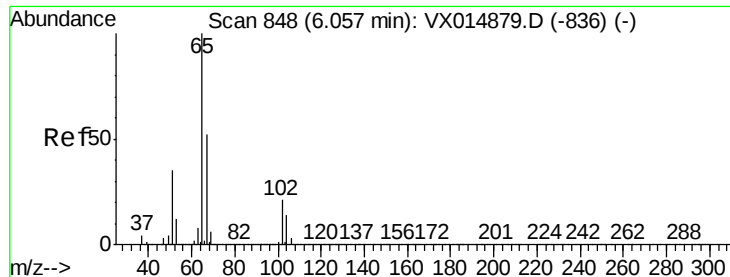
Tot Ion: 56 Resp: 410700
Ion Ratio Lower Upper
56 100
69 30.4 25.9 38.9
84 87.1 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 54.911 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 97 Resp: 394826
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 44.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 47.280 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

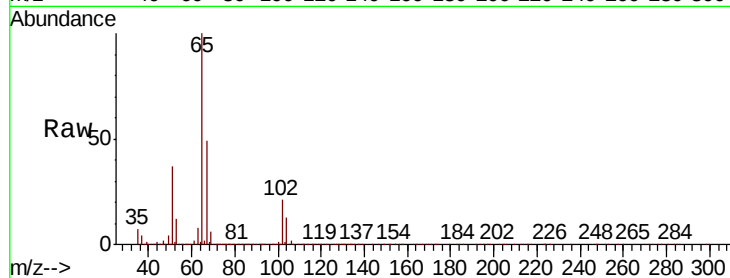
ClientSampled :

Tot Ion: 65 Resp: 252368

Ion Ratio Lower Upper

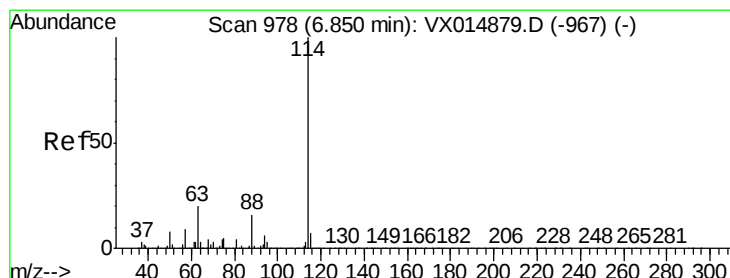
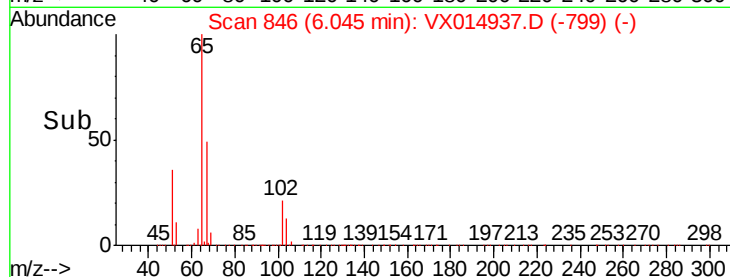
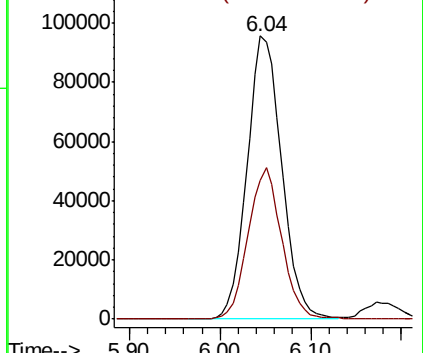
65 100

67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

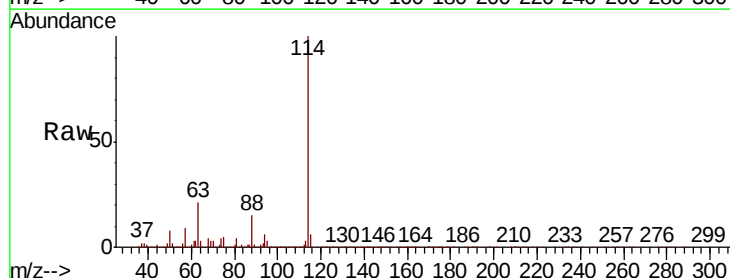
Tgt Ion: 114 Resp: 692575

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

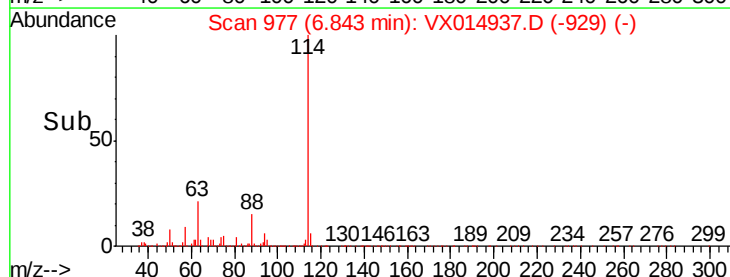
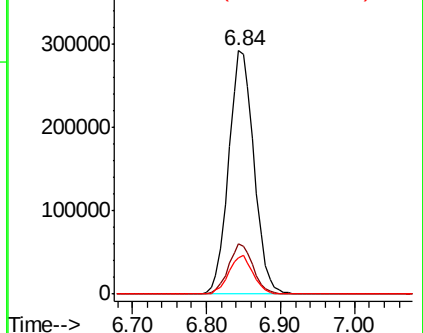
88 15.0 0.0 32.0

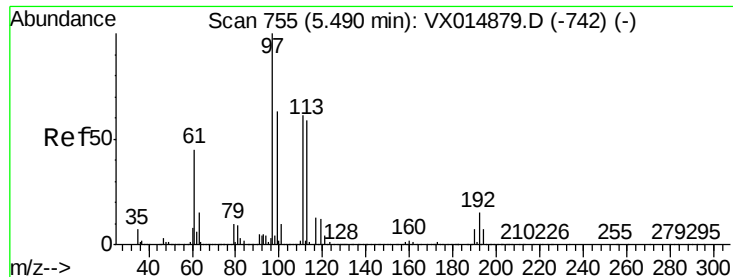


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.283 ug/l

RT: 5.48 min Scan# 754

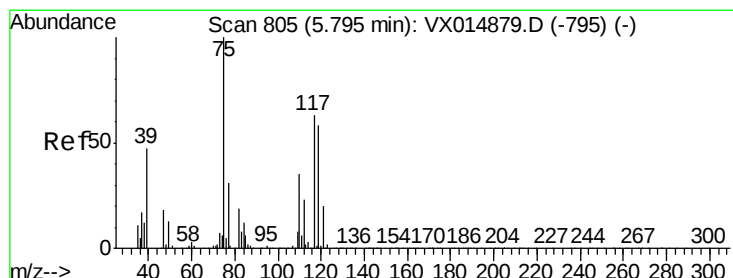
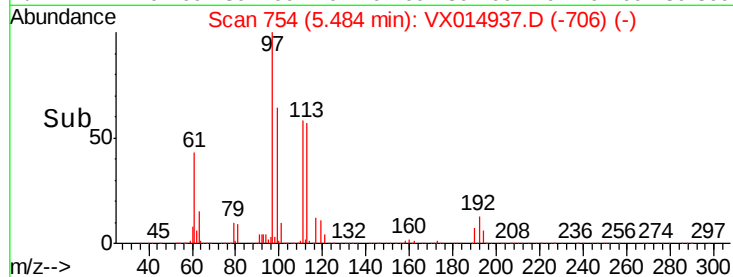
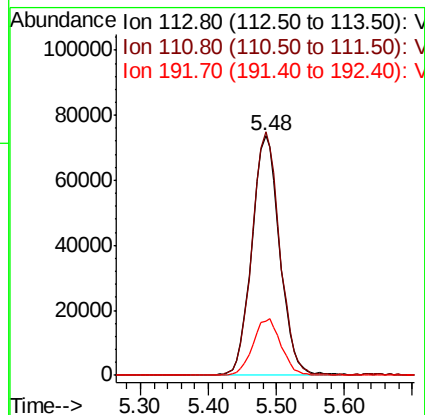
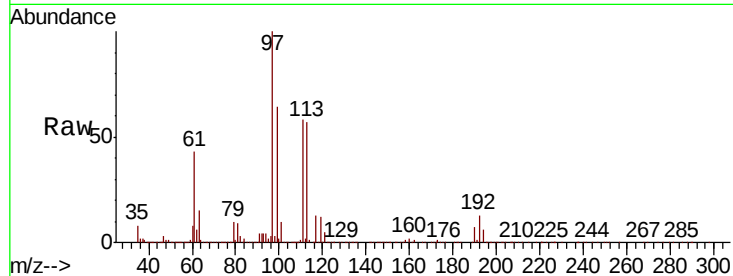
Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	209835
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	24.1	19.1	28.7



#36

1,1-Dichloropropene

Concen: 55.230 ug/l

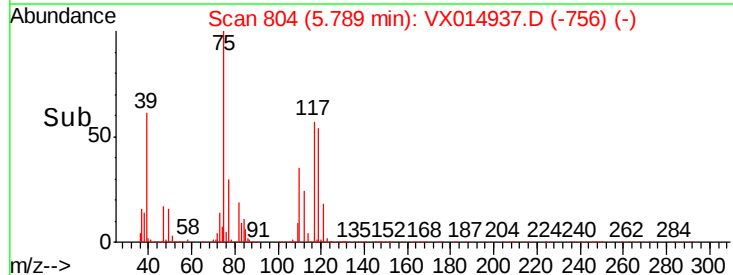
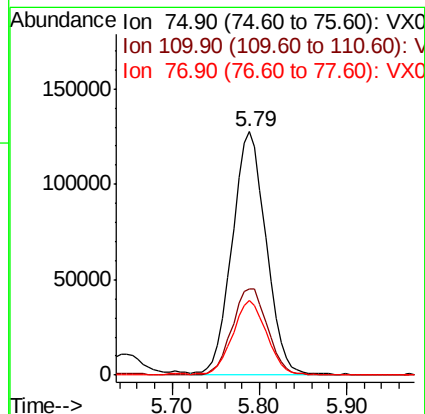
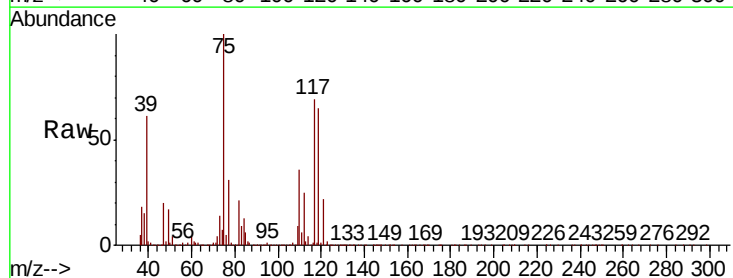
RT: 5.79 min Scan# 804

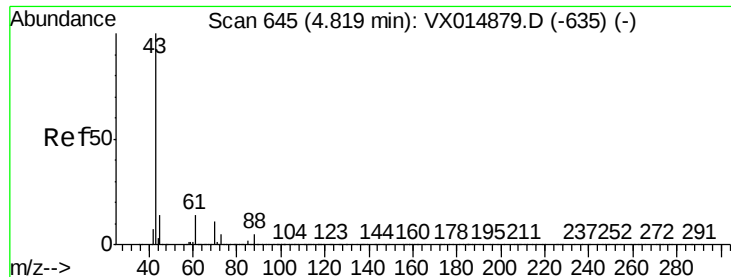
Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	75	Resp:	342167
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.3	54.8
77	30.7	24.6	36.8

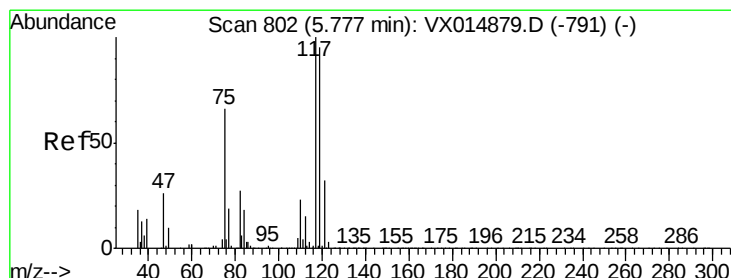
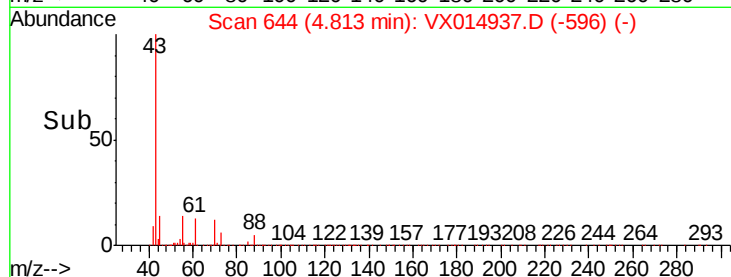
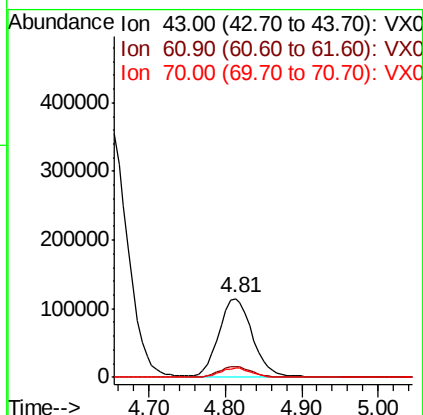
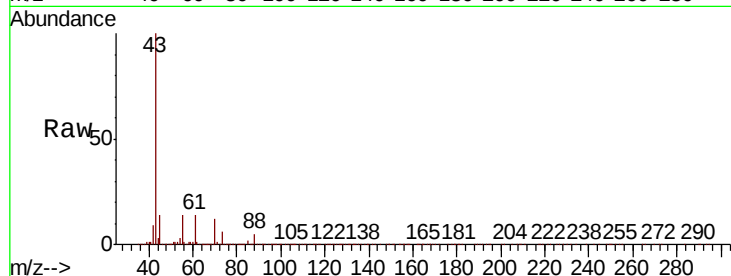




#37
Ethyl Acetate
Concen: 53.493 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

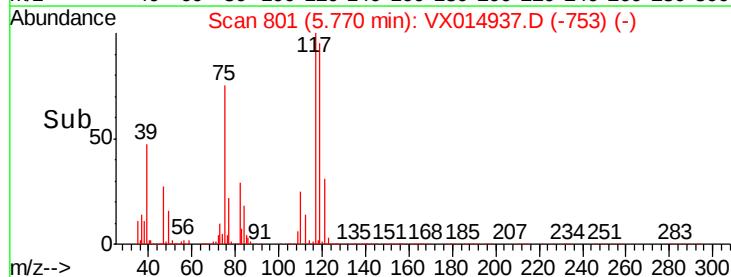
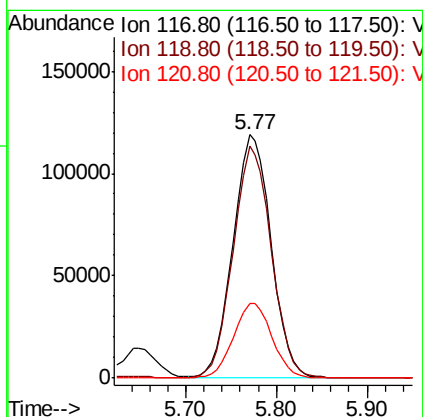
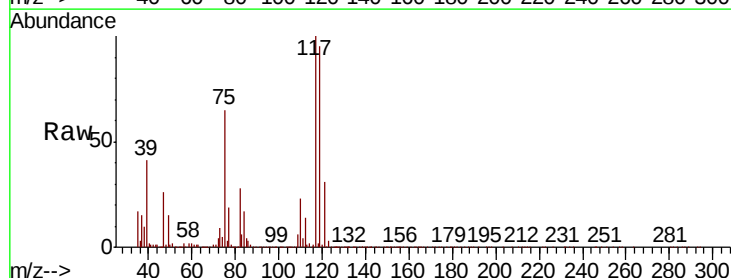
Instrument :
MSVOA_X
ClientSampleId :

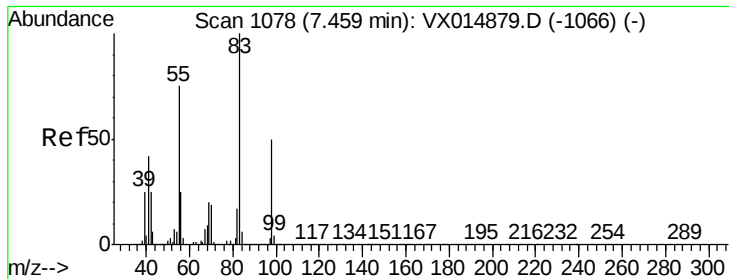
Tot Ion	43	Resp	345650
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.9	16.3
70	11.0	8.7	13.1



#38
Carbon Tetrachloride
Concen: 57.329 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	117	Resp	346127
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.0	114.0
121	30.6	25.4	38.2

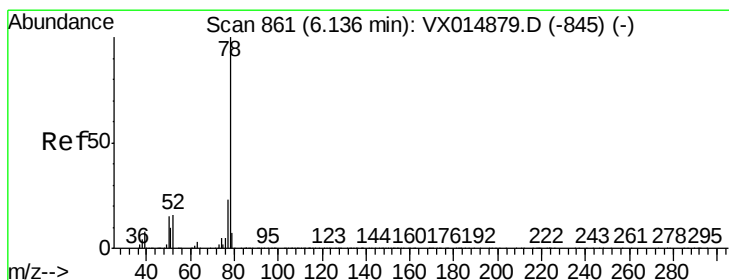
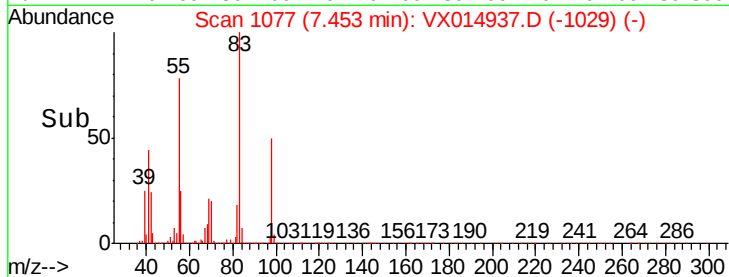
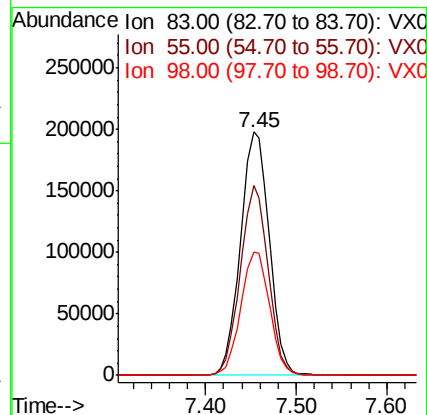
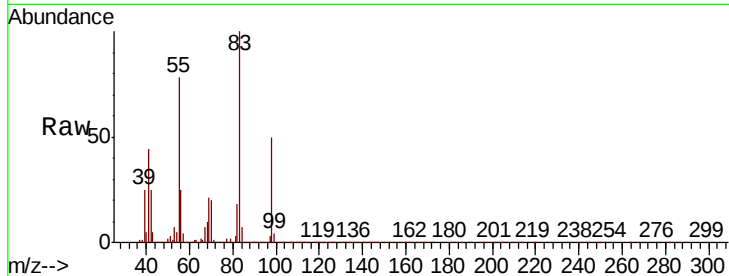




#39
Methvlcvclohexane
Concen: 56.215 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

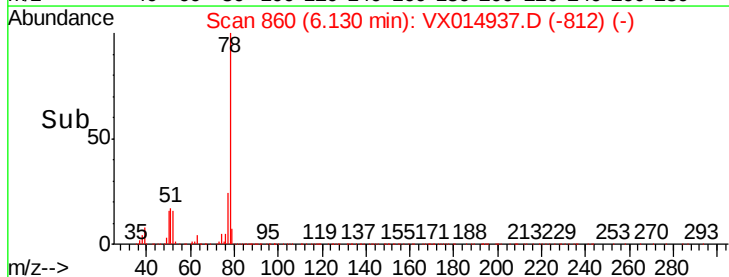
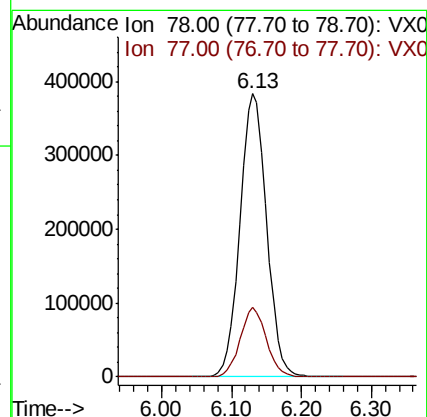
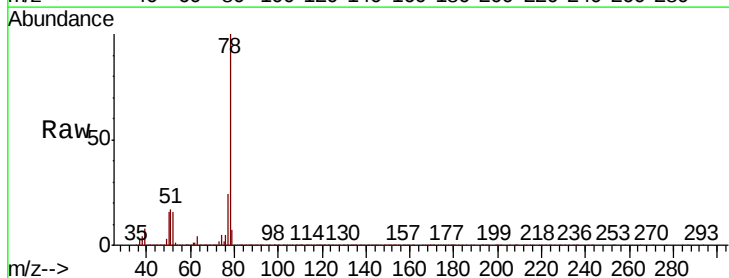
Instrument :
MSVOA_X
ClientSampleId :

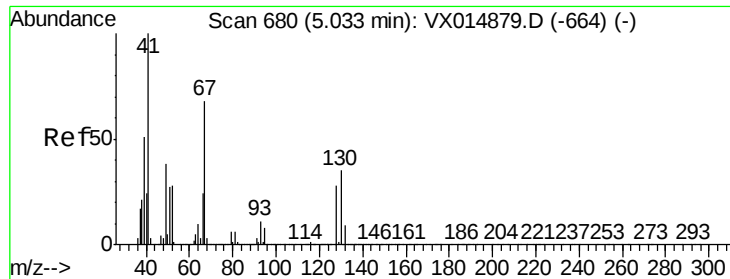
Tot Ion	83	Resp	435559
Ion	Ratio	Lower	Upper
83	100		
55	78.0	60.0	90.0
98	50.4	39.6	59.4



#40
Benzene
Concen: 54.673 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	78	Resp	1012023
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2

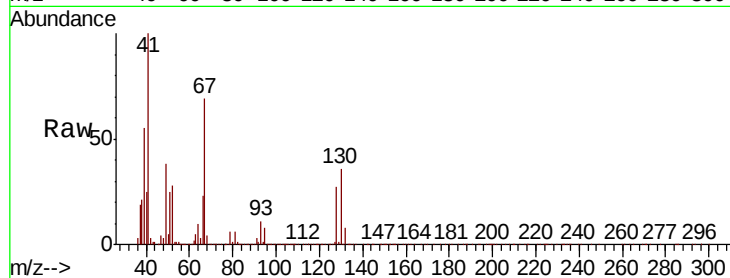




#41
Methacrylonitrile
Concen: 56.396 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	196313
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.7	67.1
67	70.7	56.6	84.8
52	29.1	22.3	33.5



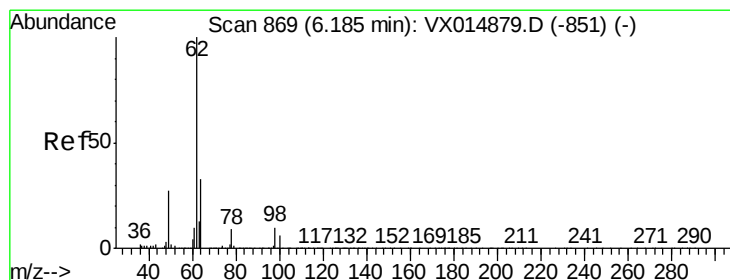
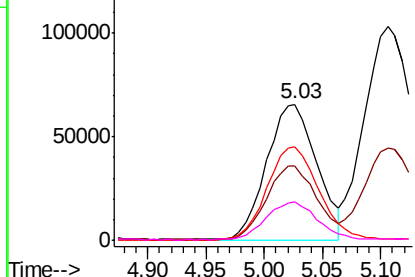
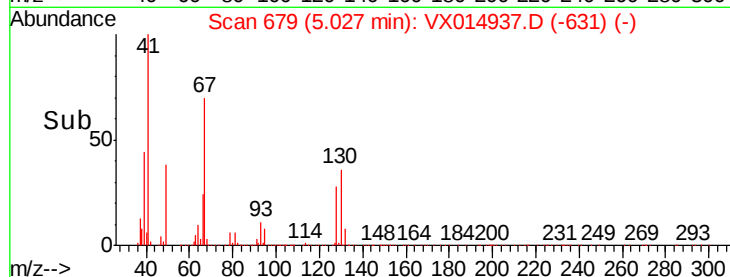
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

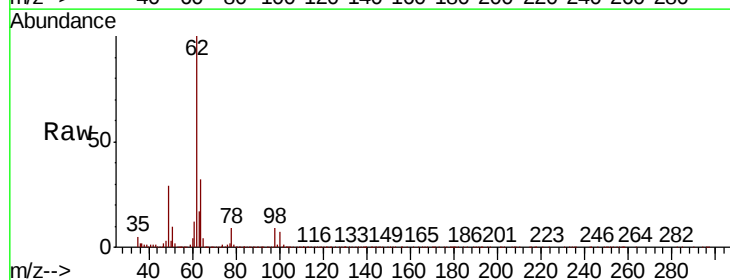
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 53.911 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

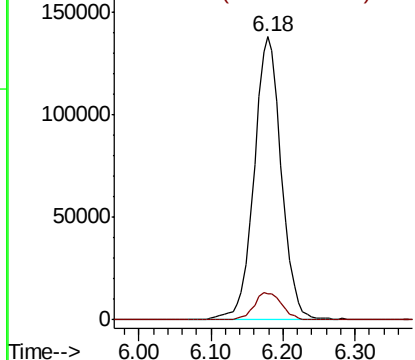
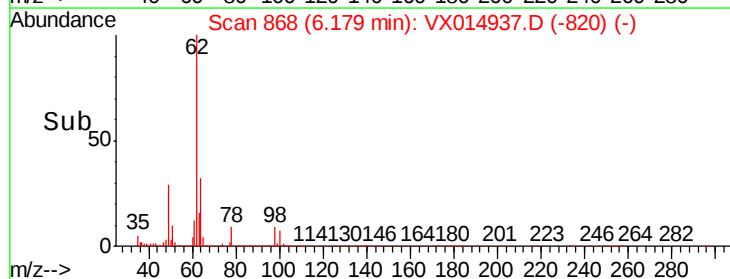
Tgt Ion:	62	Resp:	360677
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2

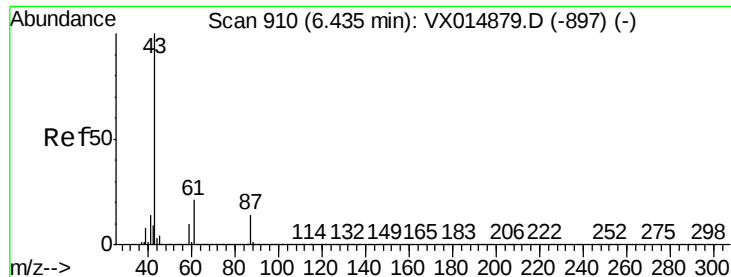


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



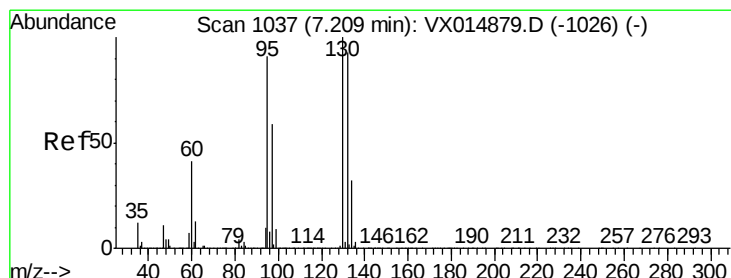
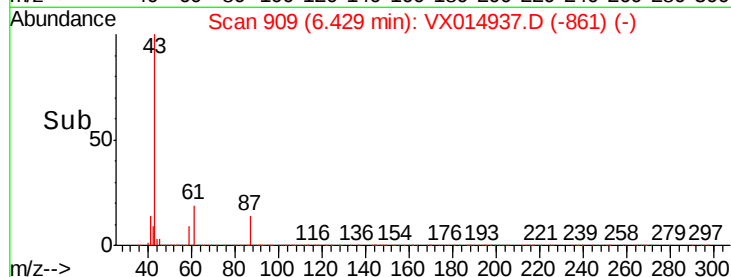
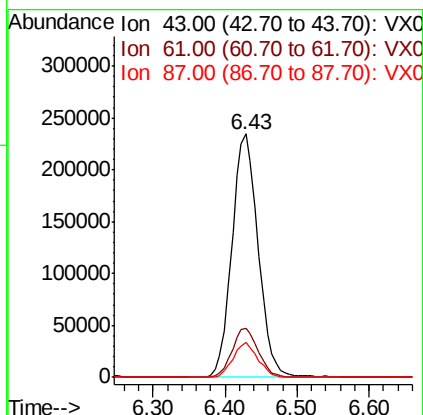
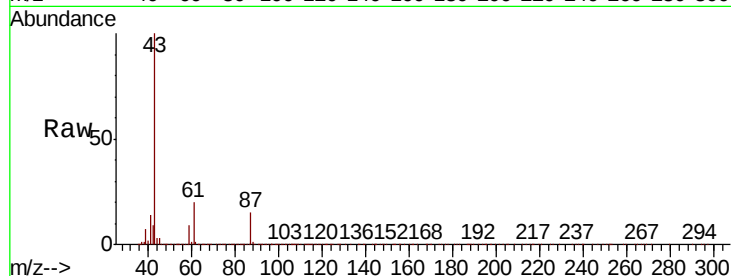


#43

Isopropyl Acetate
 Concen: 55.339 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampleId :

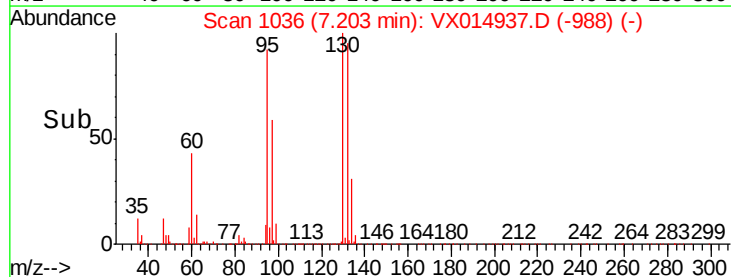
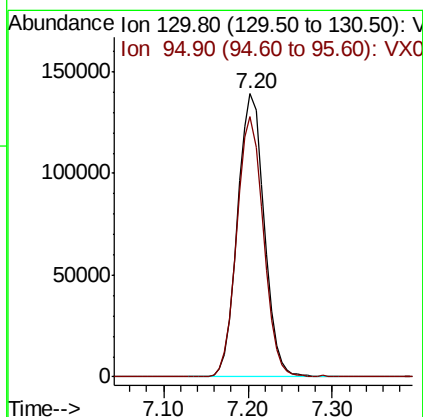
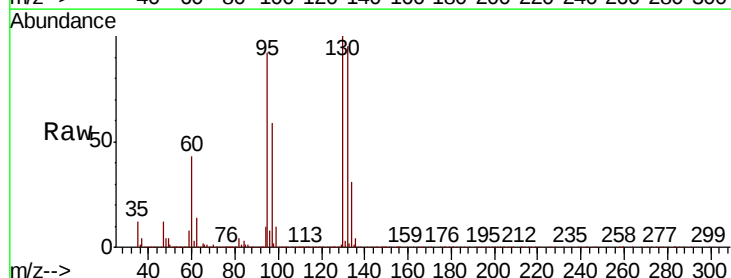
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.4
87	13.7	11.0	16.6

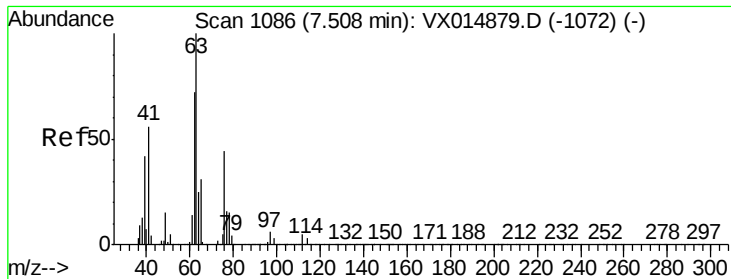


#44

Trichloroethene
 Concen: 55.239 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	182.6

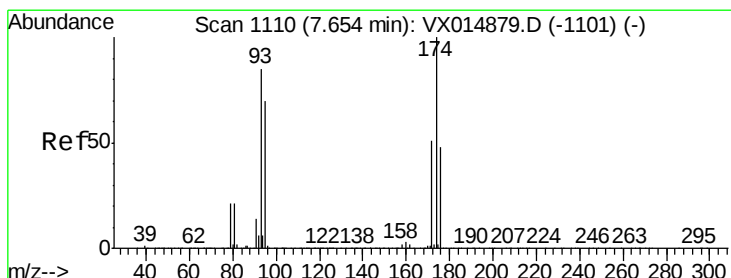
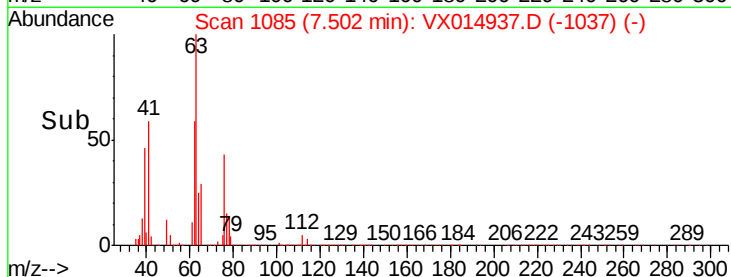
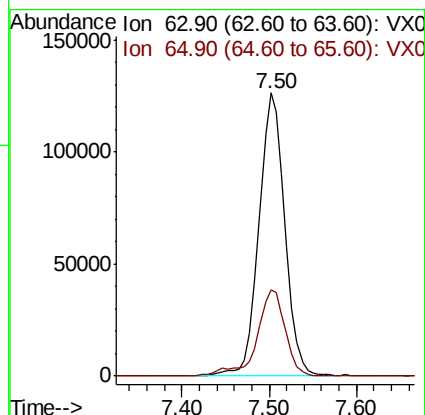
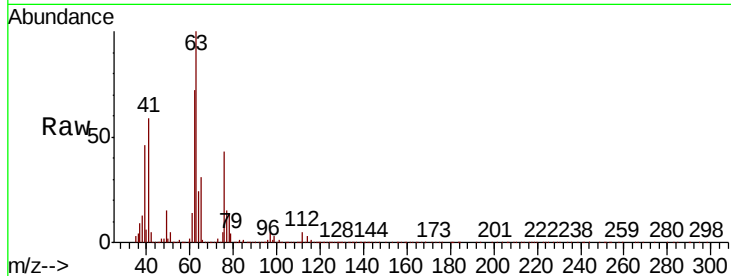




#45
 1,2-Dichloropropane
 Concen: 54.891 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

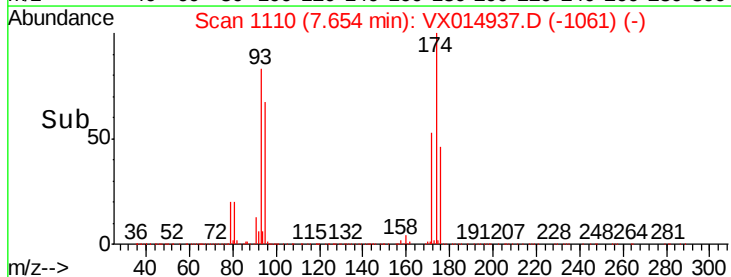
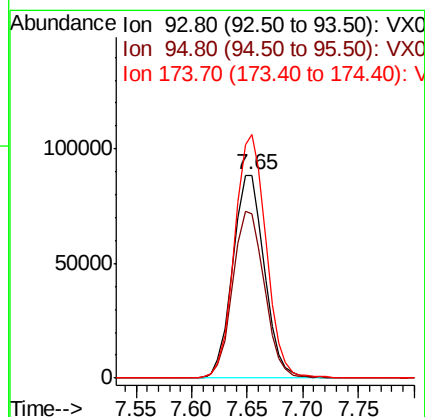
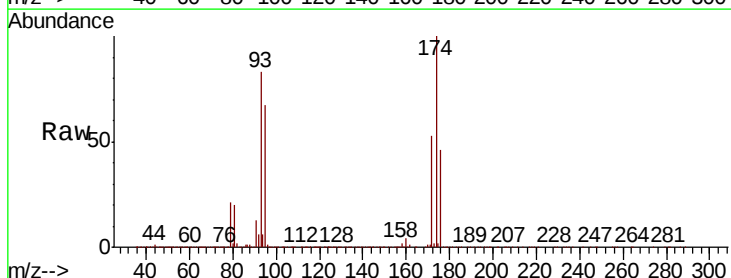
Instrument :
 MSVOA_X
 ClientSampleId :

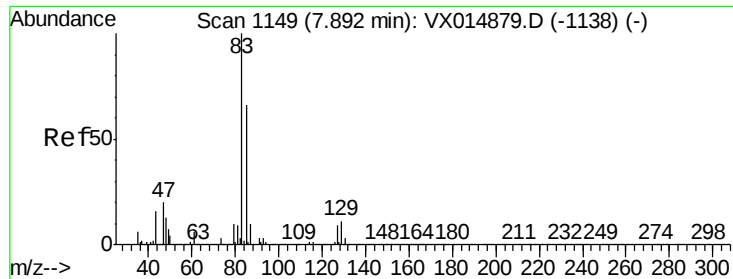
Tot Ion: 63 Resp: 259127
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3



#46
 Dibromomethane
 Concen: 53.975 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion: 93 Resp: 174170
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 119.6 95.4 143.2





#47

Bromodichloromethane

Concen: 55.786 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampled :

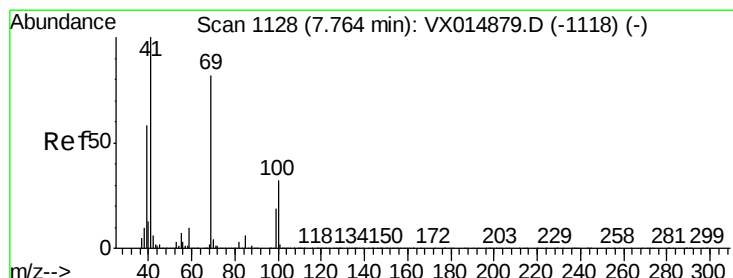
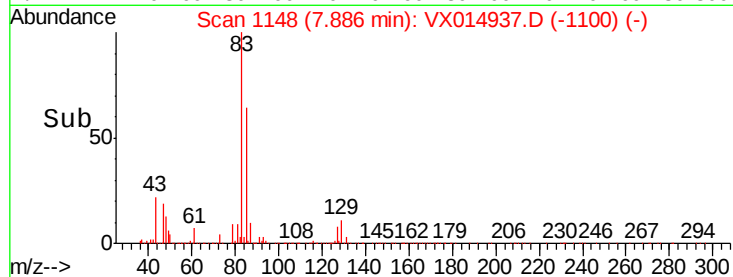
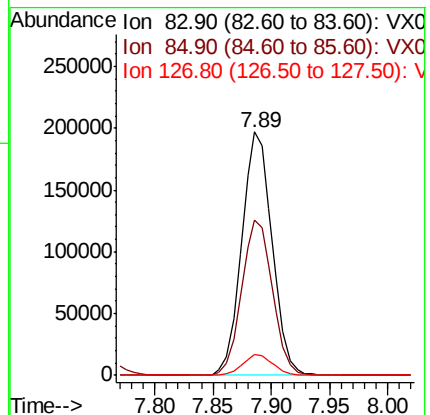
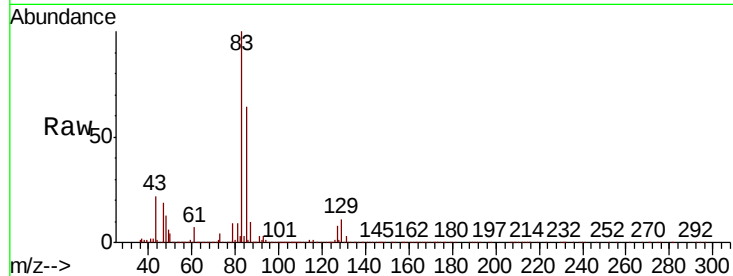
Tot Ion: 83 Resp: 356928

Ion Ratio Lower Upper

83 100

85 63.6 52.5 78.7

127 8.4 7.4 11.0



#48

Methyl methacrylate

Concen: 56.149 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

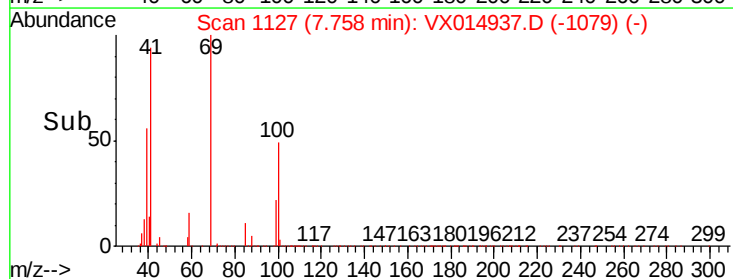
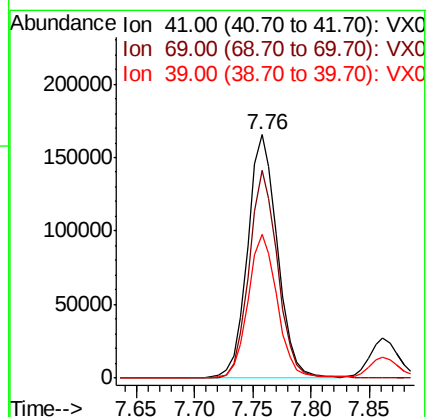
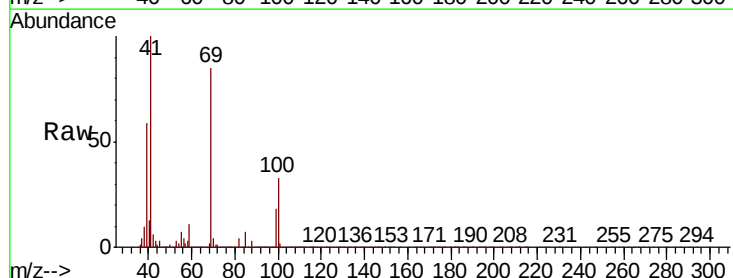
Tgt Ion: 41 Resp: 294542

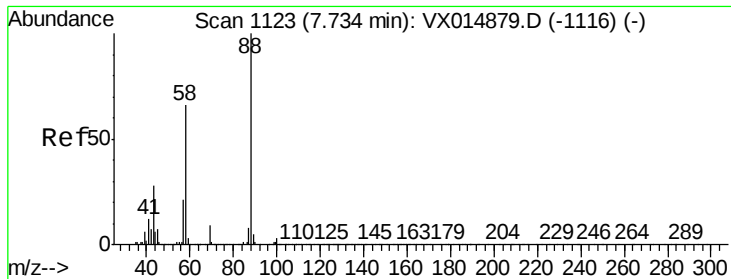
Ion Ratio Lower Upper

41 100

69 82.9 65.7 98.5

39 57.7 45.8 68.8

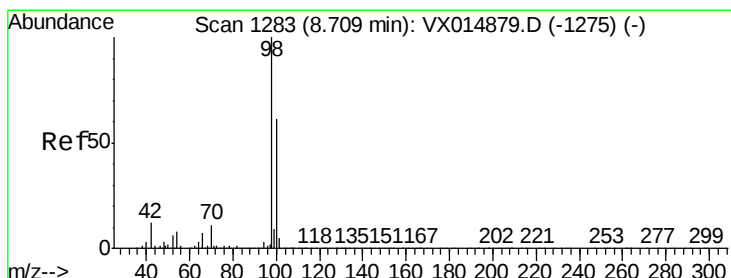
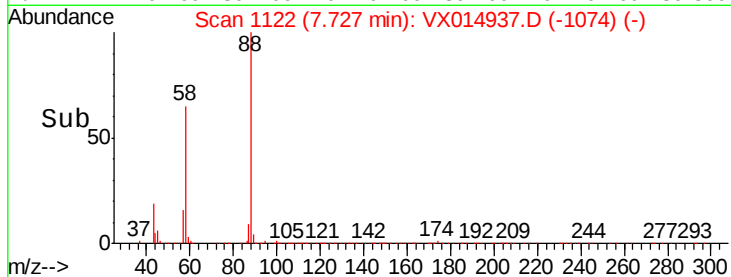
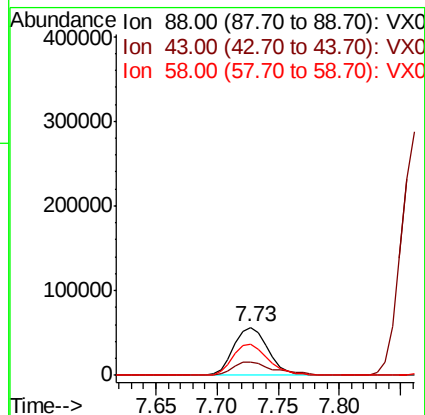
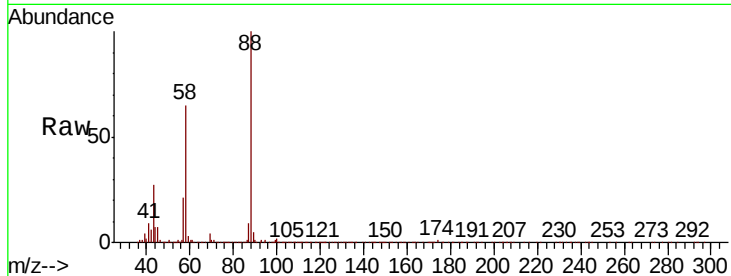




#49
1,4-Dioxane
Concen: 1113.690 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

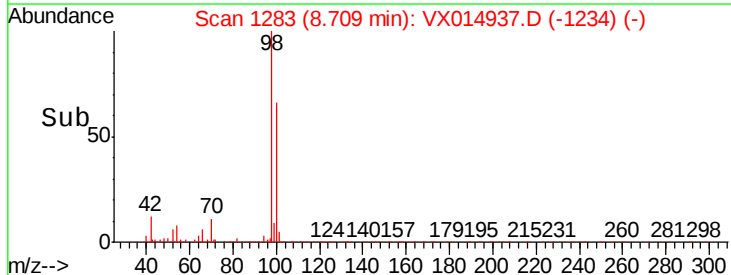
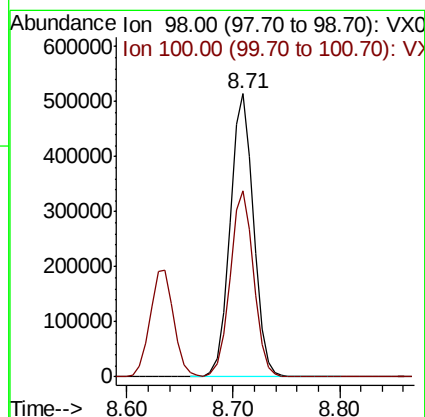
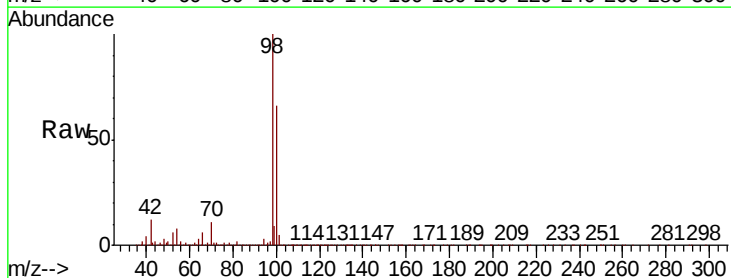
Instrument :
MSVOA_X
ClientSampleId :

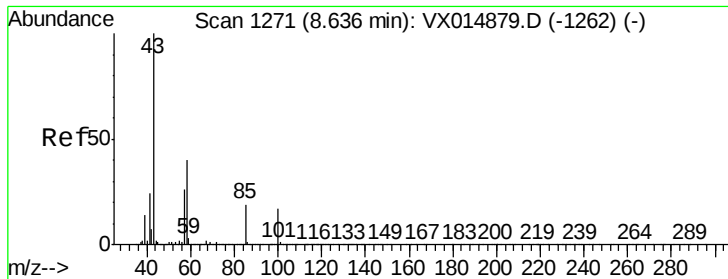
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.0	40.4
58	67.6	53.2	79.8



#50
Toluene-d8
Concen: 48.731 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6

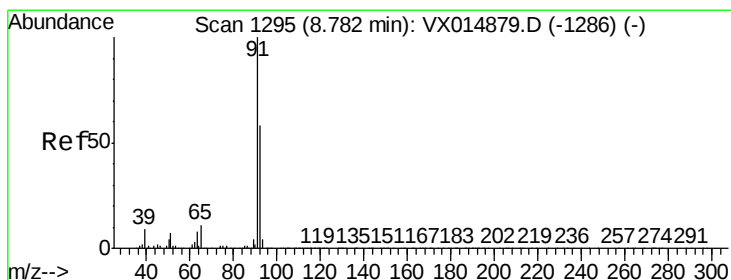
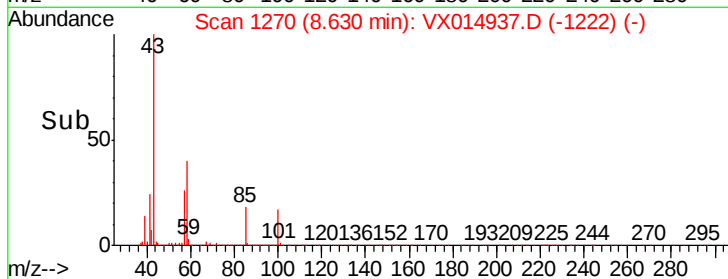
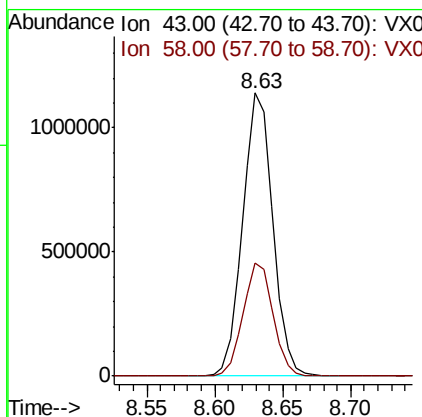
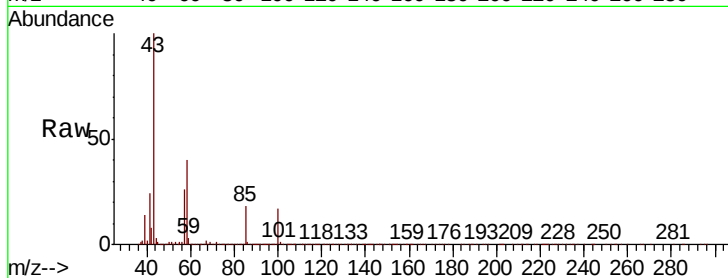




#51
4-Methyl-2-Pentanone
Concen: 274.297 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

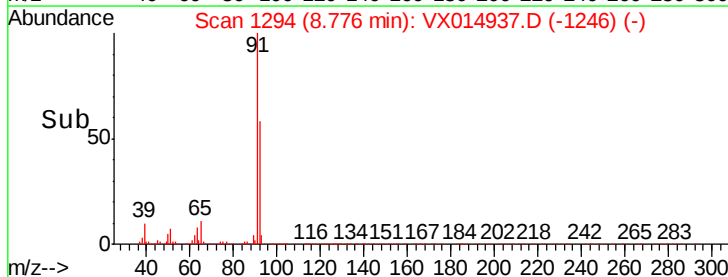
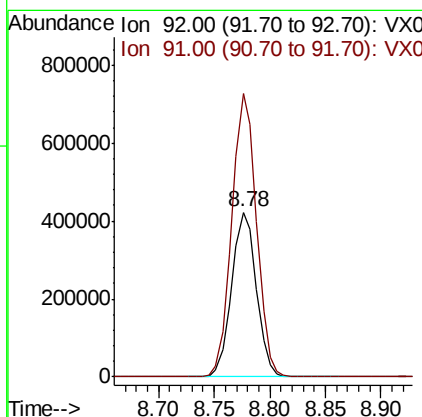
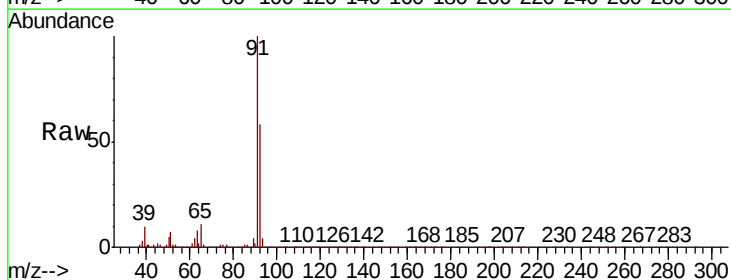
Instrument :
MSVOA_X
ClientSampleId :

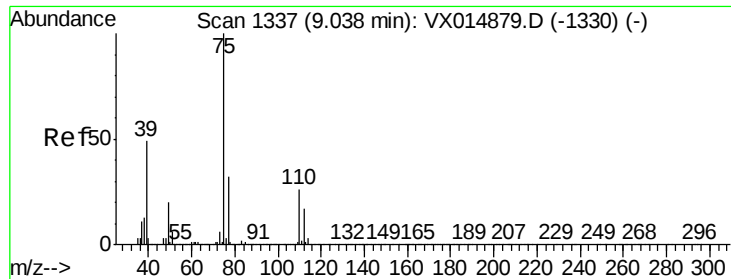
Tot Ion: 43 Resp: 1765452
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9



#52
Toluene
Concen: 55.267 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 92 Resp: 649761
Ion Ratio Lower Upper
92 100
91 171.6 137.0 205.4

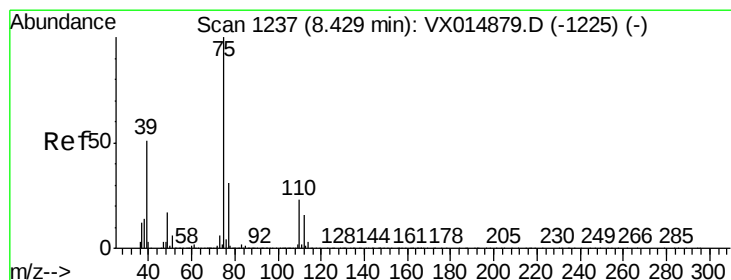
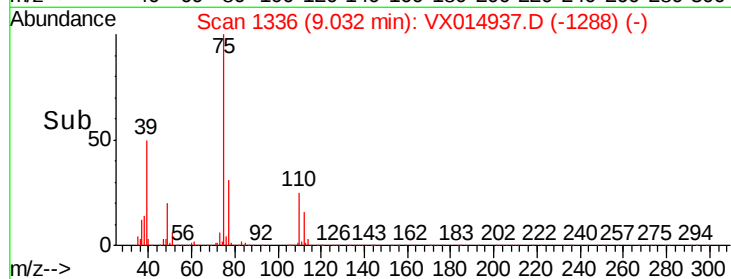
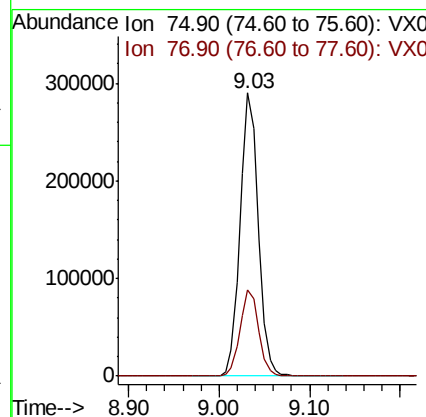
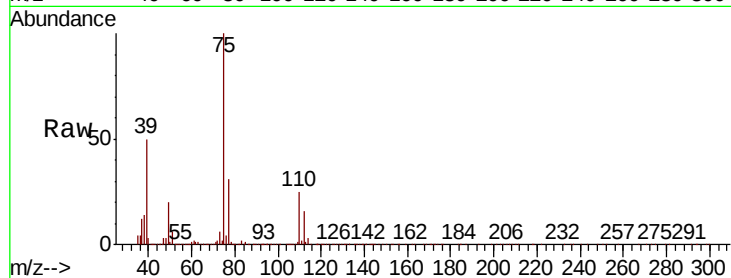




#53
t-1,3-Dichloropropene
Concen: 57.595 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

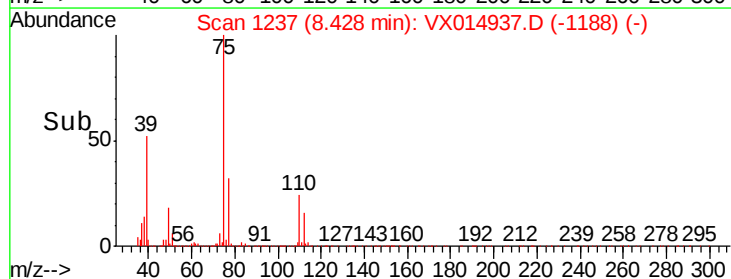
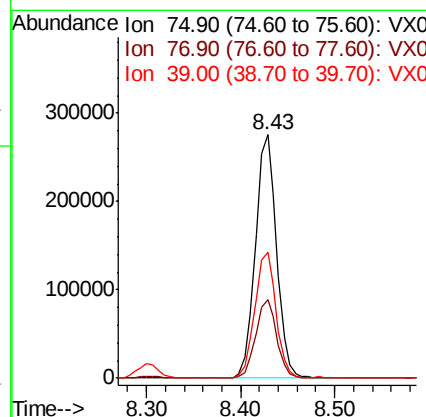
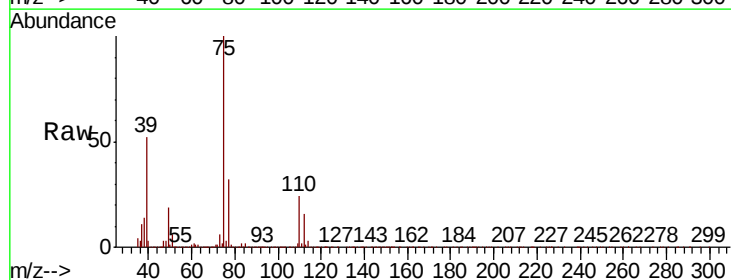
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 403860
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 56.261 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 75 Resp: 435812
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0
39 51.6 40.9 61.3

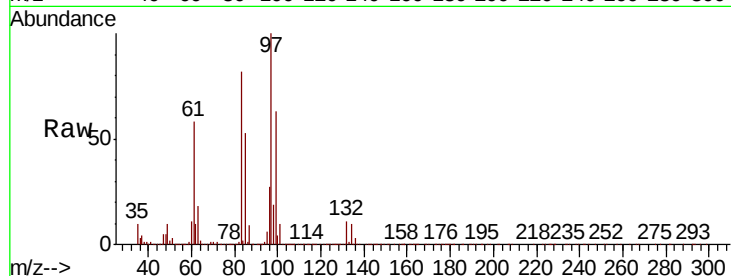




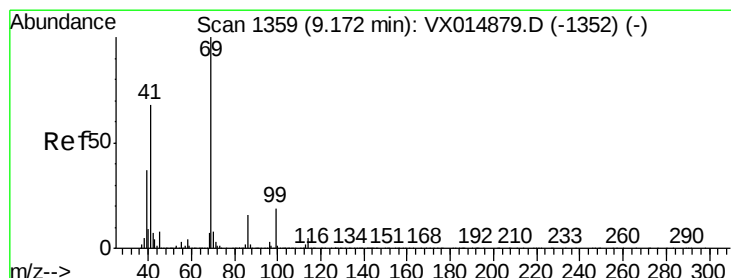
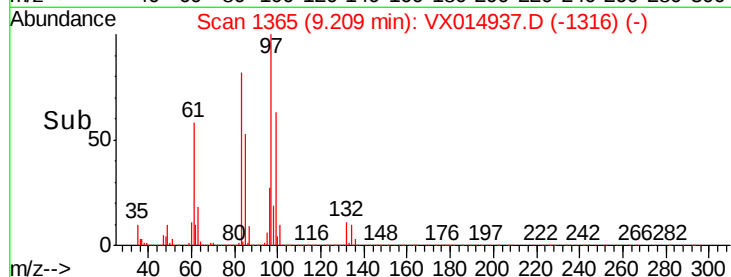
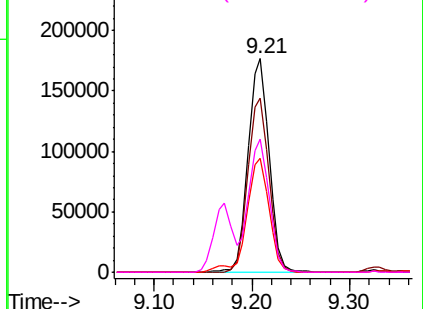
#55
 1,1,2-Trichloroethane
 Concen: 55.005 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	261635
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.6	99.8
85	53.1	43.5	65.3
99	62.5	49.6	74.4

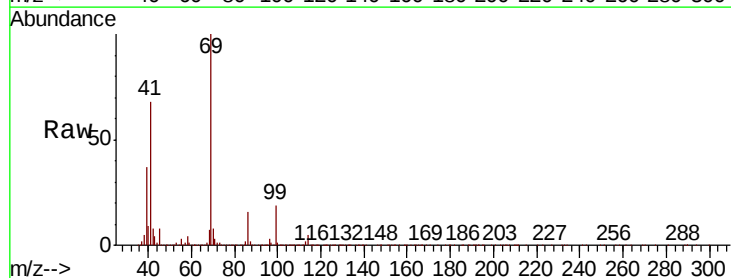


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

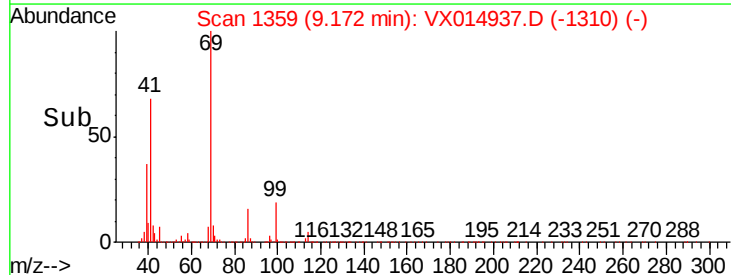
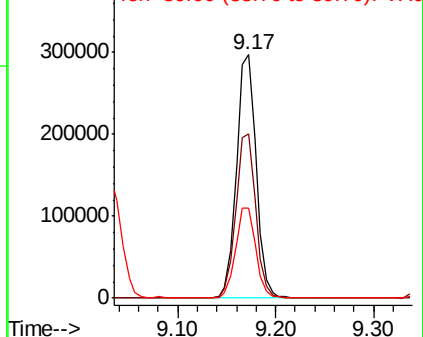


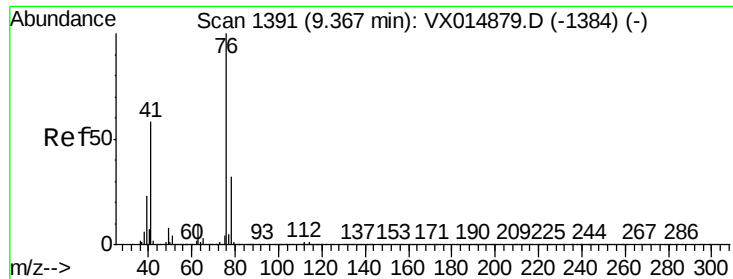
#56
 Ethyl methacrylate
 Concen: 57.850 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion:	69	Resp:	413599
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.8	82.2
39	38.1	29.9	44.9



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: 54.622 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

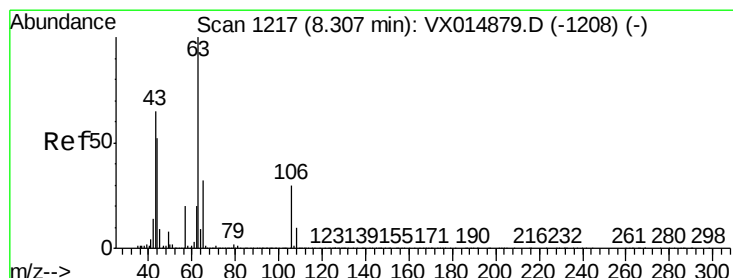
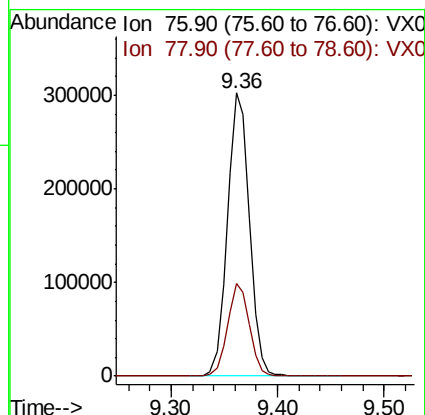
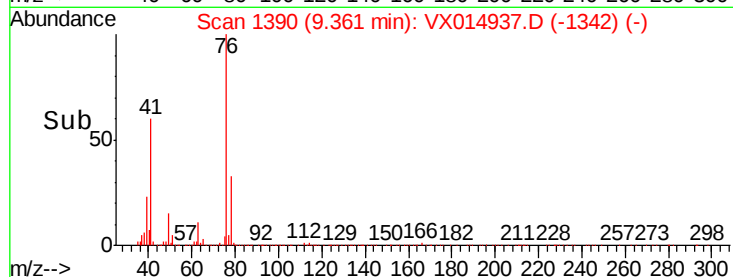
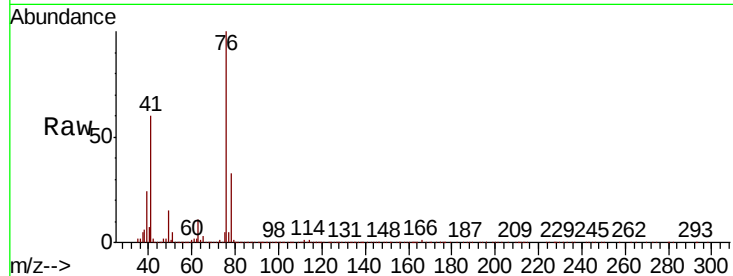
ClientSampleId :

Tot Ion: 76 Resp: 437347

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 302.375 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014937.D

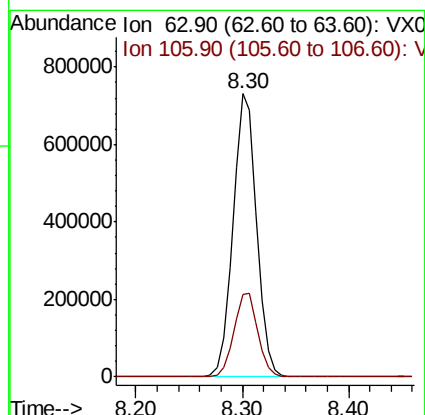
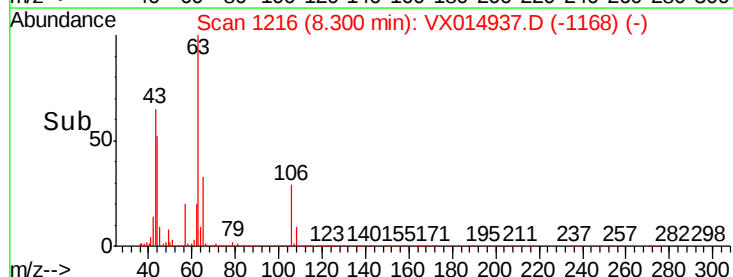
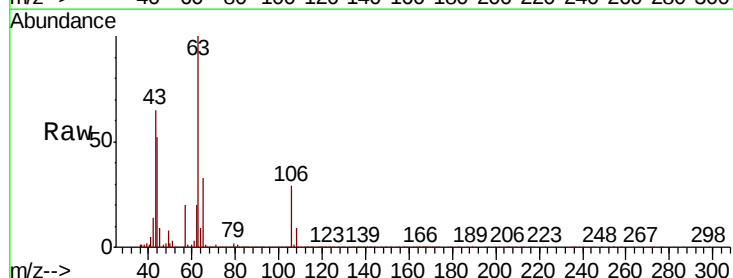
Acq: 14 Feb 2020 09:28

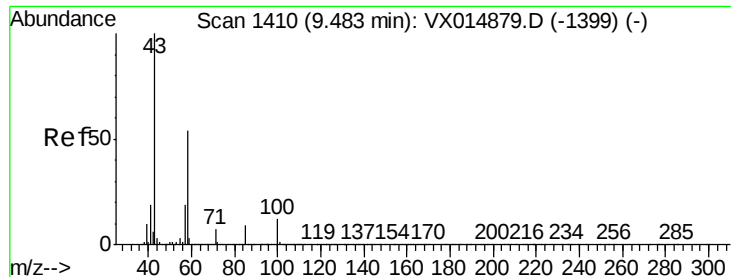
Tgt Ion: 63 Resp: 1130600

Ion Ratio Lower Upper

63 100

106 30.0 23.8 35.8

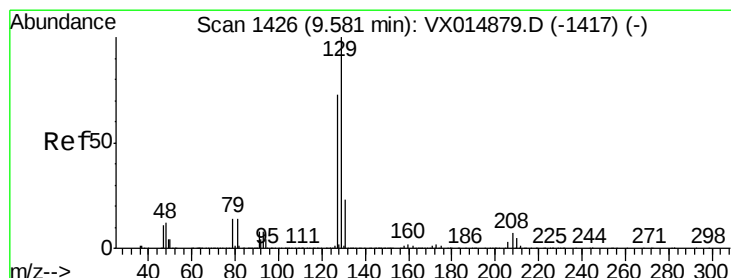
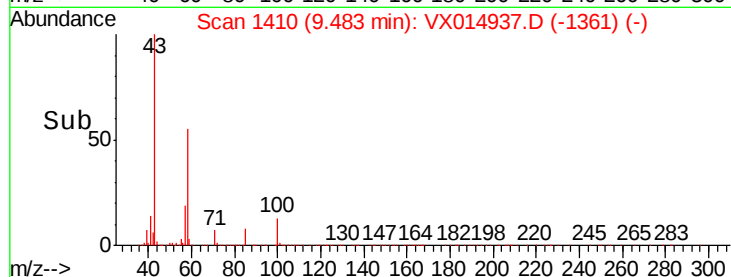
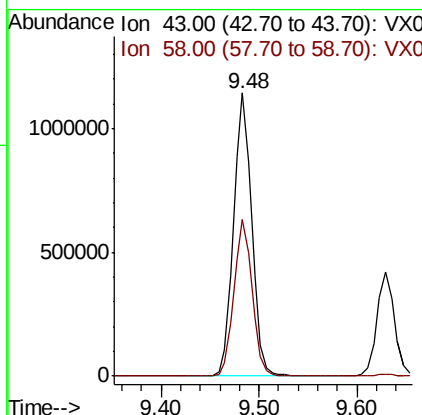
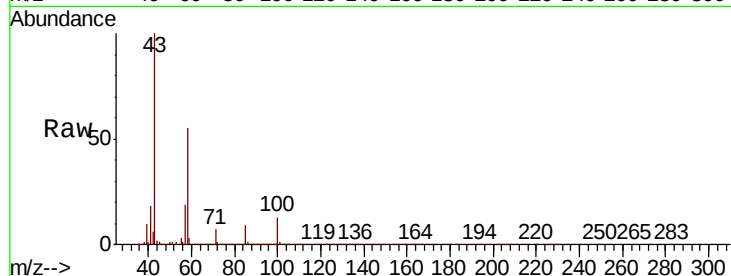




#59
2-Hexanone
Concen: 291.286 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

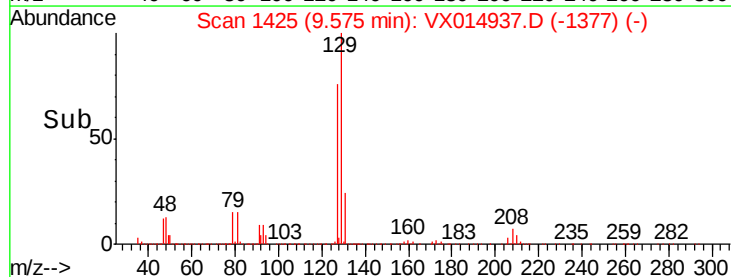
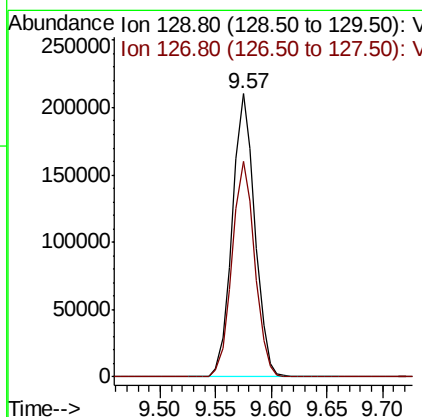
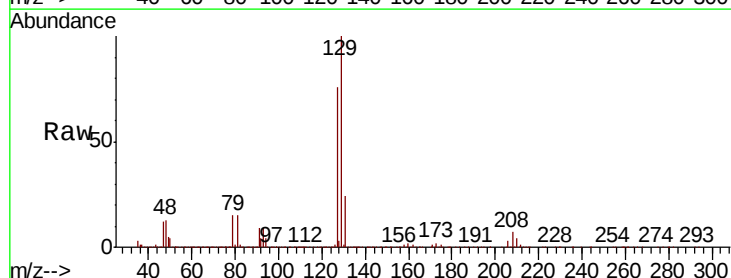
Instrument :
MSVOA_X
ClientSampleId :

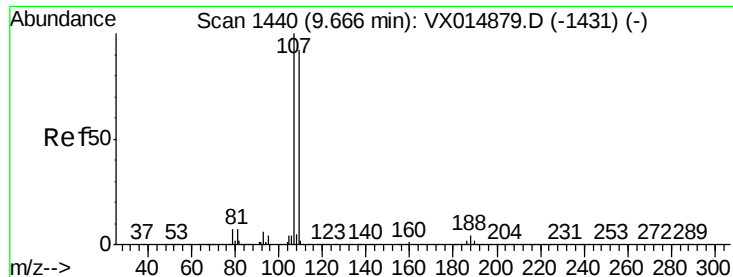
Tot Ion: 43 Resp: 1473617
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5



#60
Dibromochloromethane
Concen: 57.764 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 129 Resp: 295683
Ion Ratio Lower Upper
129 100
127 76.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 54.137 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

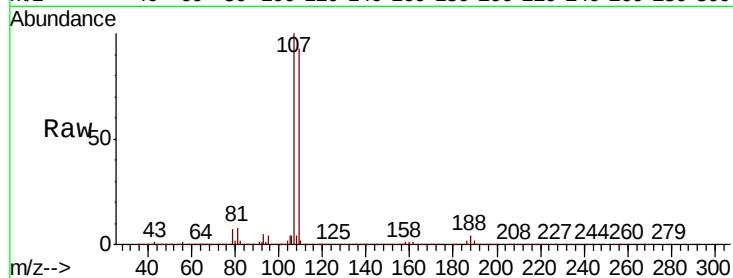
ClientSampleId :

Tot Ion:107 Resp: 277842

Ion Ratio Lower Upper

107 100

109 94.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

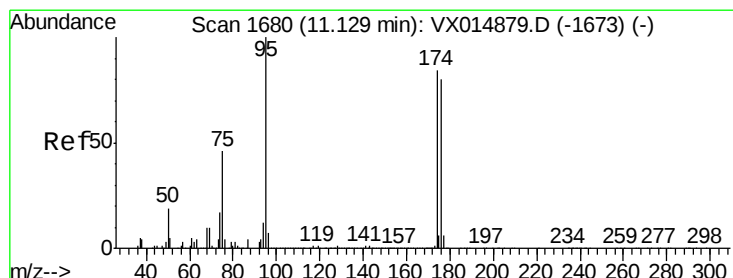
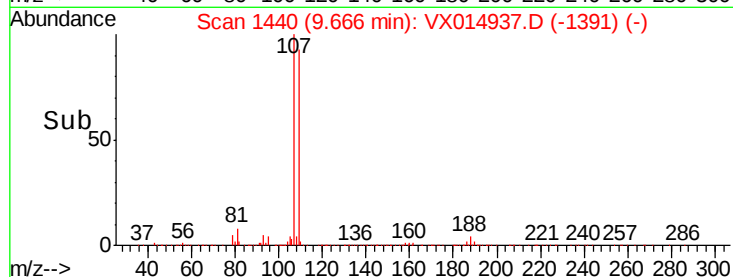
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.395 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

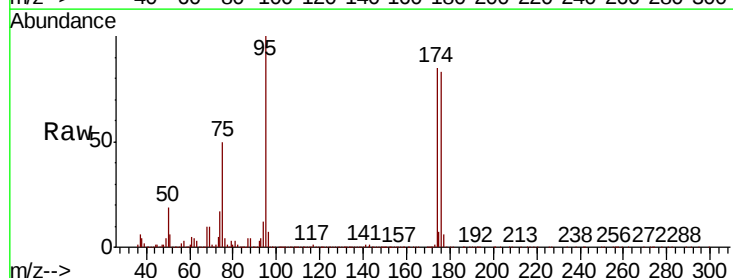
Tgt Ion: 95 Resp: 295045

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

176 89.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

300000

250000

200000

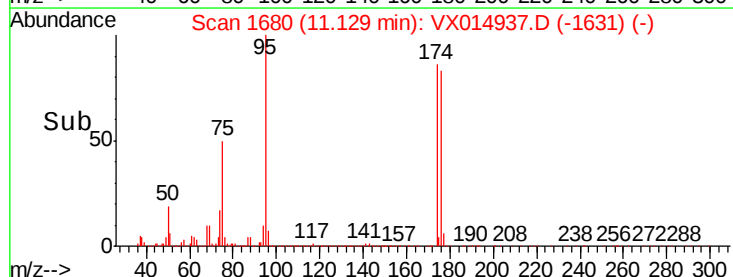
150000

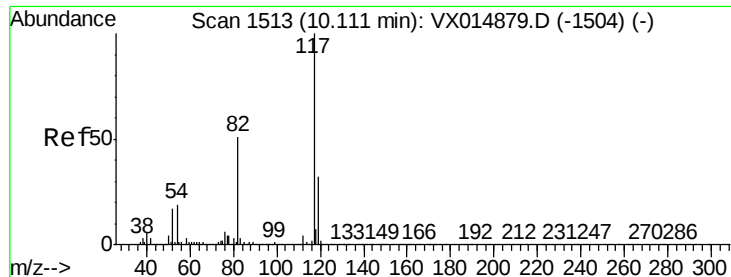
100000

50000

0

Time-->

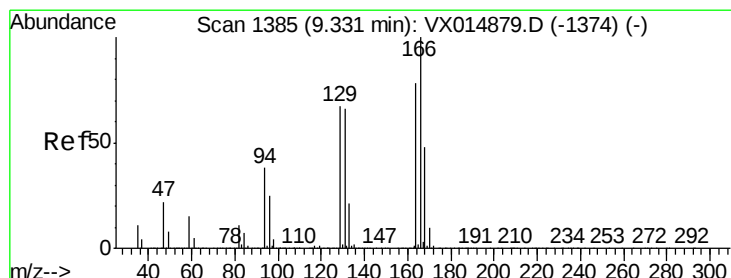
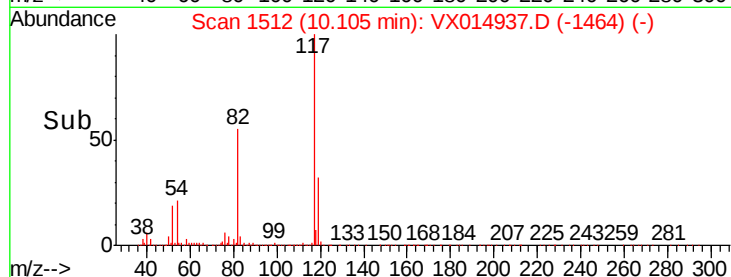
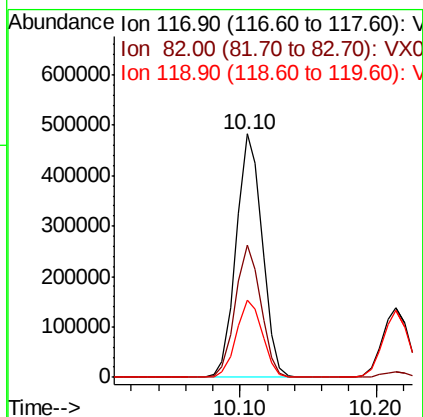
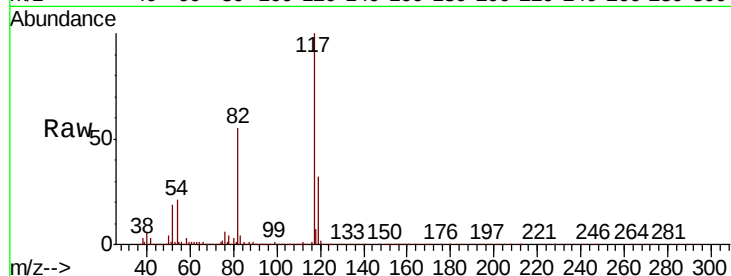




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

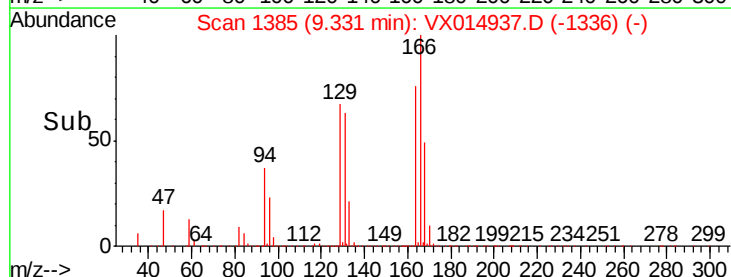
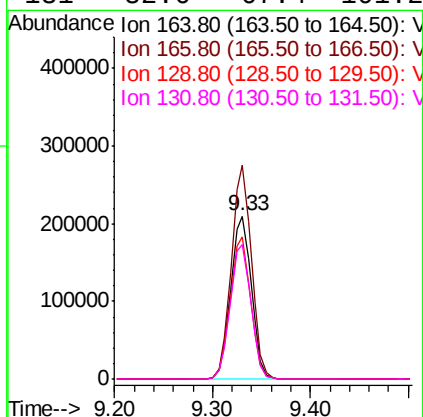
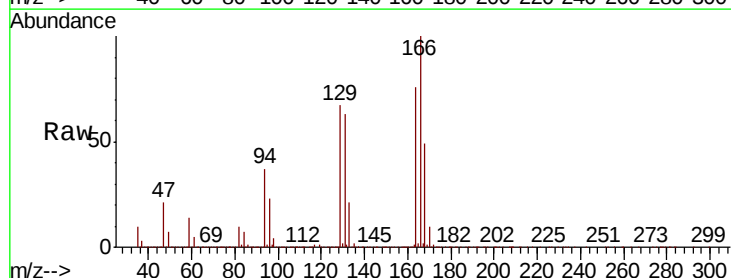
Instrument :
MSVOA_X
ClientSampleId :

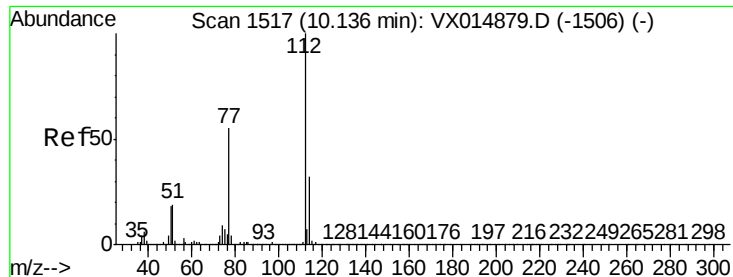
Tot Ion:117 Resp: 643218
Ion Ratio Lower Upper
117 100
82 54.5 40.5 60.7
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 51.067 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion:164 Resp: 307110
Ion Ratio Lower Upper
164 100
166 131.1 102.6 153.8
129 87.5 68.3 102.5
131 82.6 67.4 101.2





#65

Chlorobenzene

Concen: 54.984 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

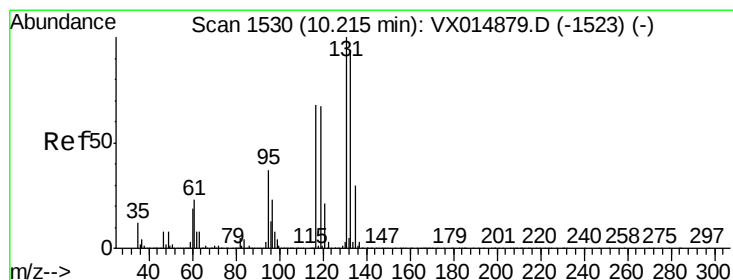
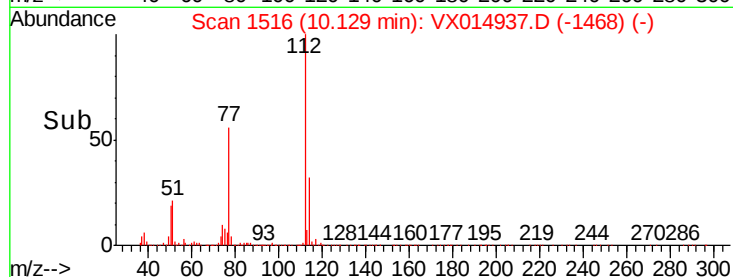
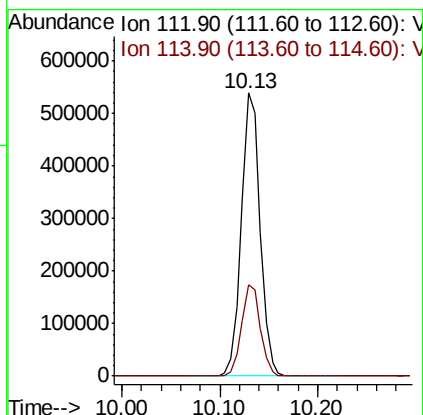
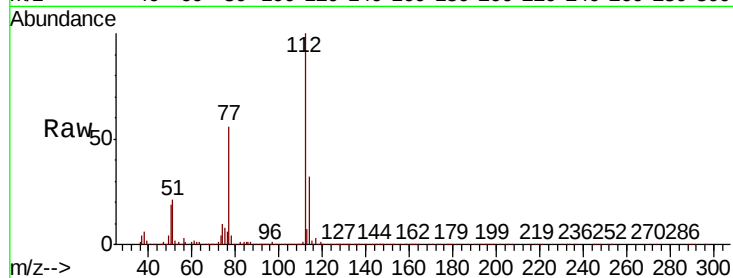
ClientSampleId :

Tot Ion:112 Resp: 717336

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 56.783 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

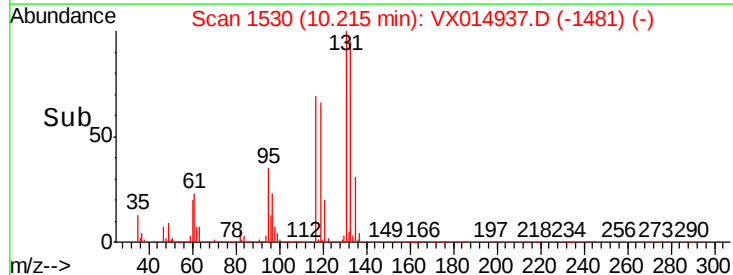
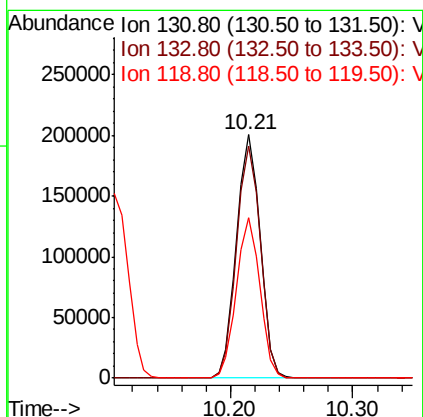
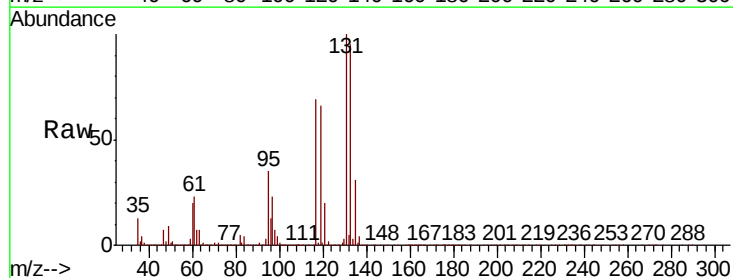
Tgt Ion:131 Resp: 268943

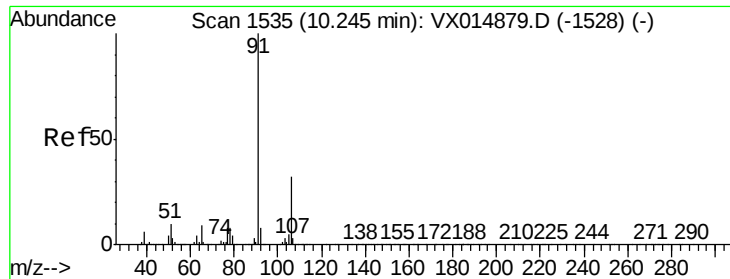
Ion Ratio Lower Upper

131 100

133 96.5 48.1 144.4

119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 57.037 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

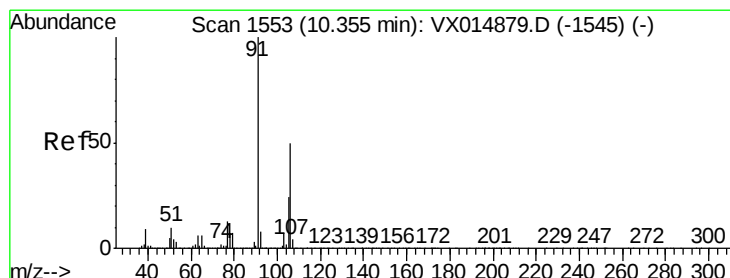
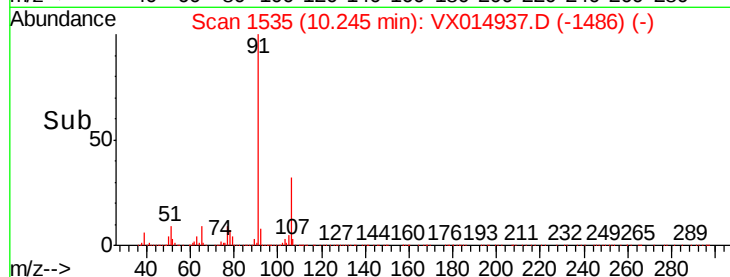
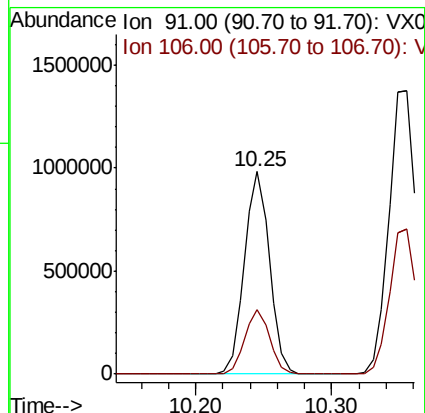
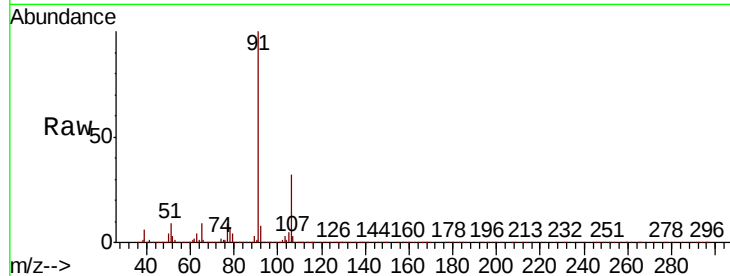
ClientSampleId :

Tot Ion: 91 Resp: 1265509

Ion Ratio Lower Upper

91 100

106 32.1 25.3 37.9



#68

m/p-Xylenes

Concen: 114.147 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014937.D

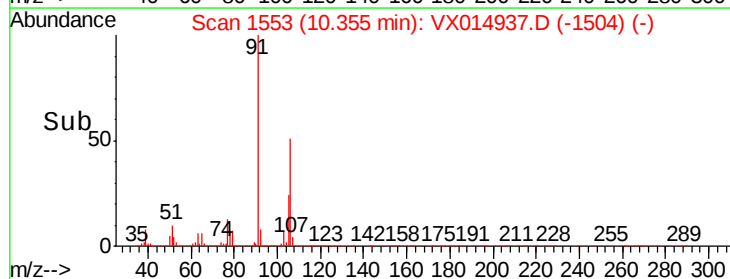
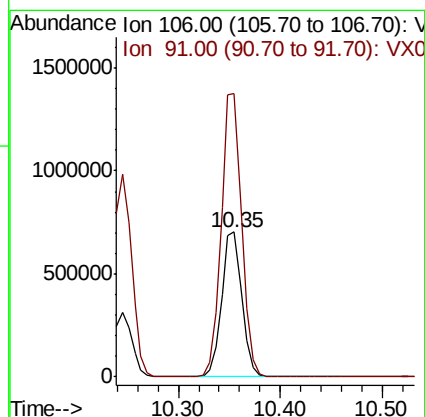
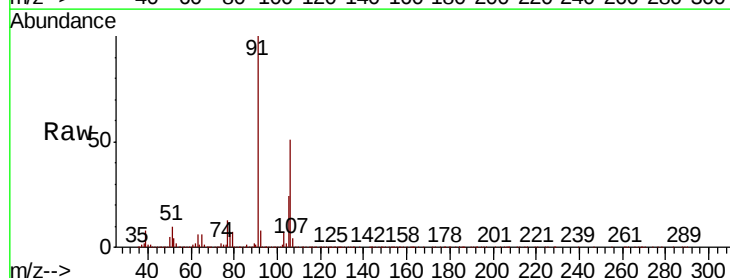
Acq: 14 Feb 2020 09:28

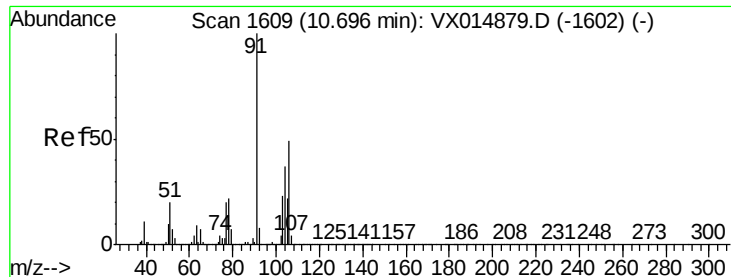
Tgt Ion: 106 Resp: 975656

Ion Ratio Lower Upper

106 100

91 197.7 160.6 240.8

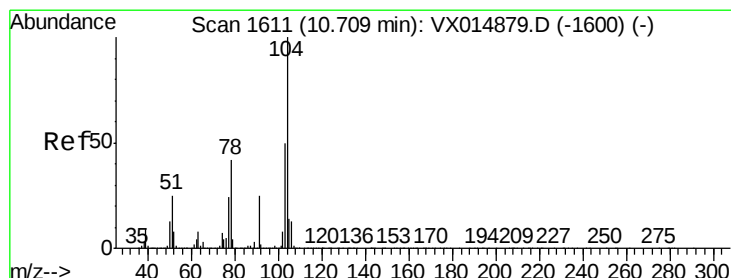
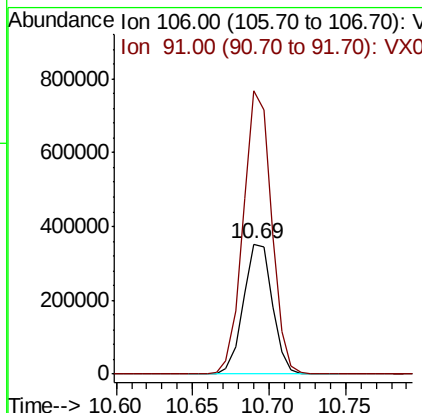
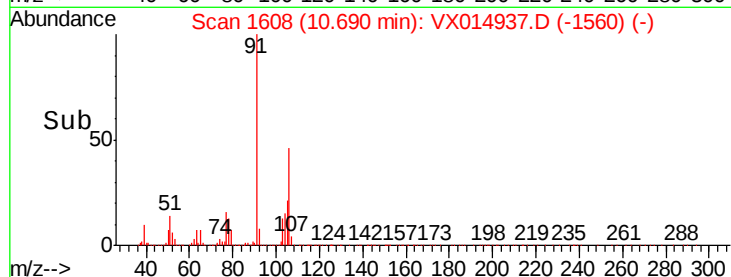
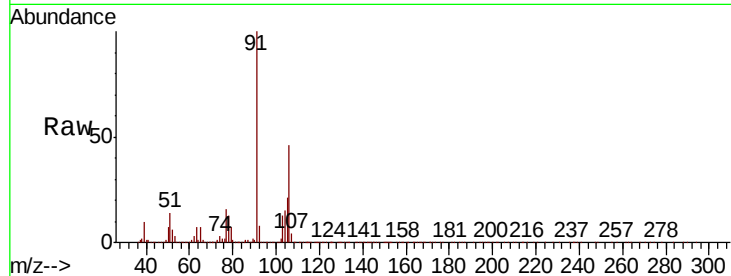




#69
o-Xylene
Concen: 56.476 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

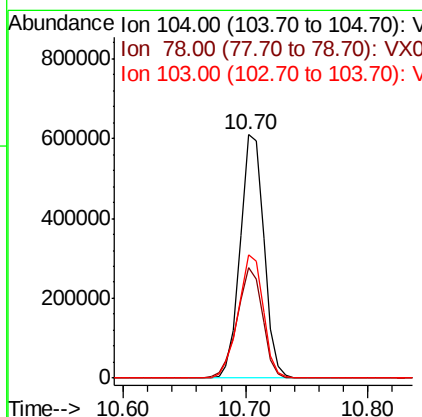
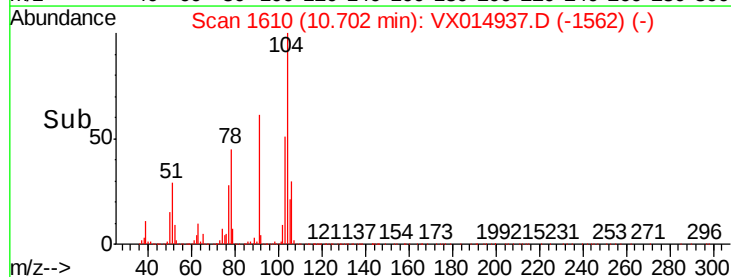
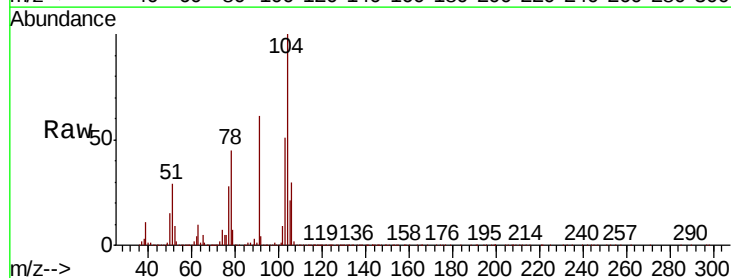
Instrument :
MSVOA_X
ClientSampleId :

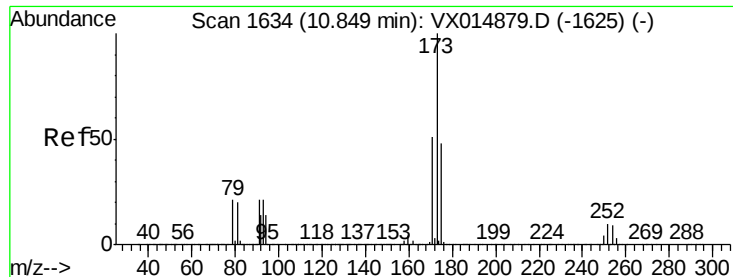
Tot Ion:106 Resp: 464023
Ion Ratio Lower Upper
106 100
91 211.7 105.1 315.3



#70
Styrene
Concen: 58.749 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion:104 Resp: 816603
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.6 43.4 65.0

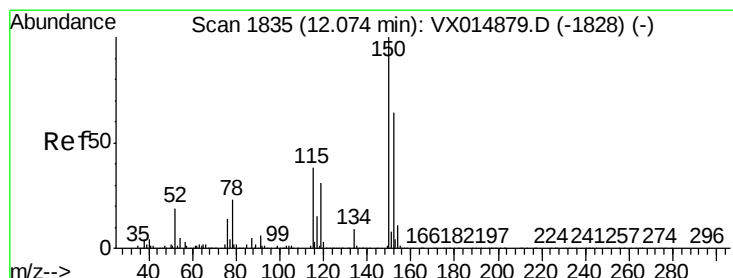
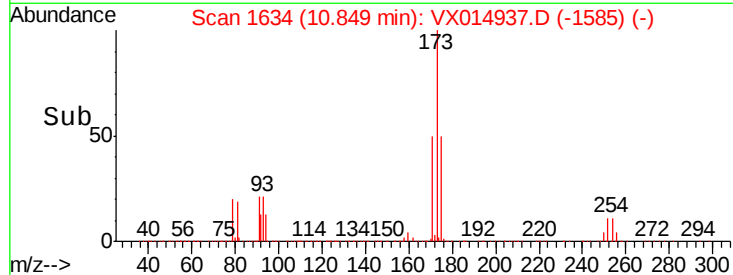
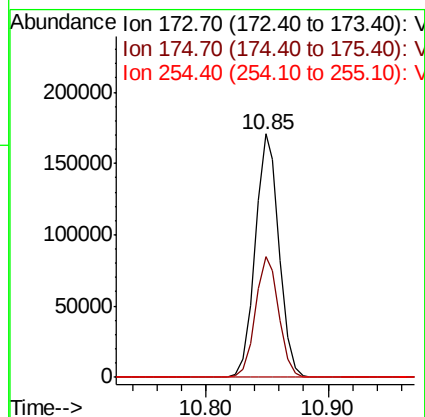
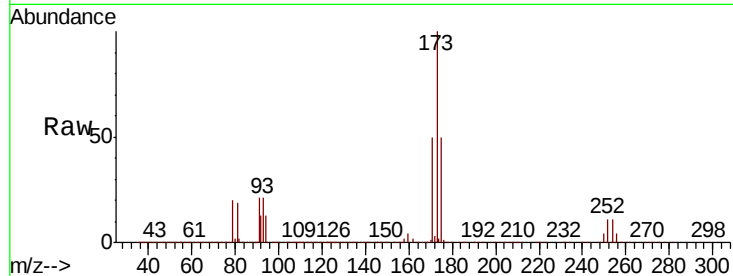




#71
Bromoform
Concen: 58.697 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

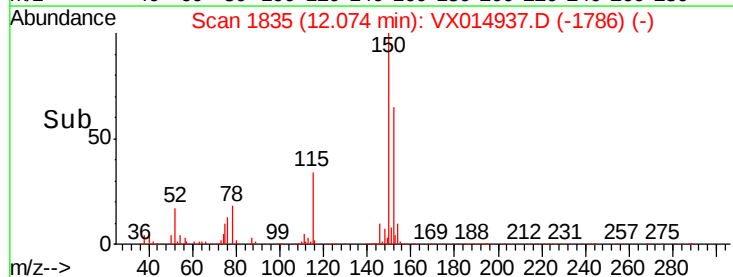
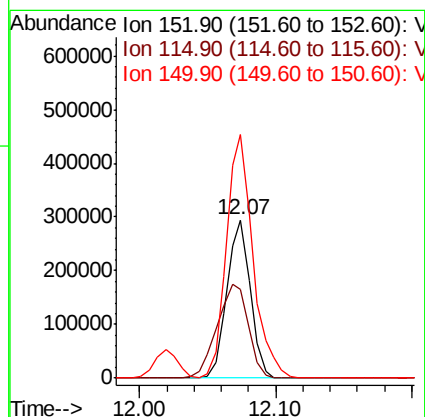
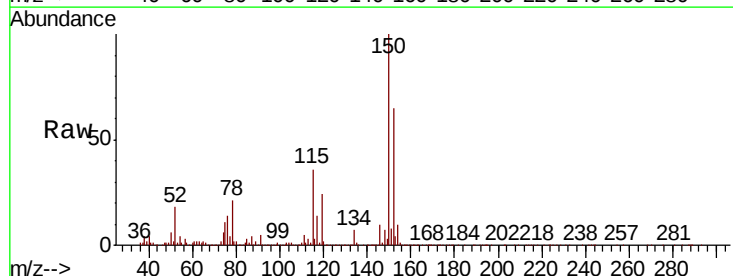
Instrument :
MSVOA_X
ClientSampleId :

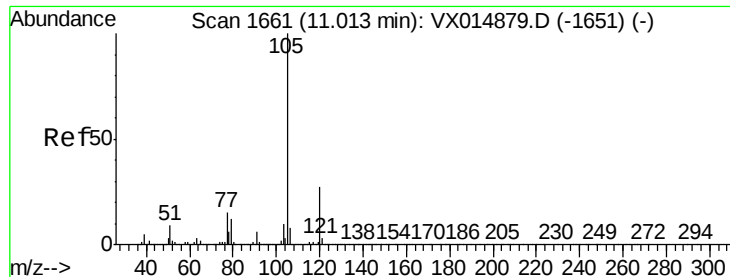
Tot Ion:173 Resp: 232054
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion:152 Resp: 350050
Ion Ratio Lower Upper
152 100
115 78.6 38.6 116.0
150 174.0 0.0 349.0





#73

Isopropylbenzene

Concen: 57.434 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

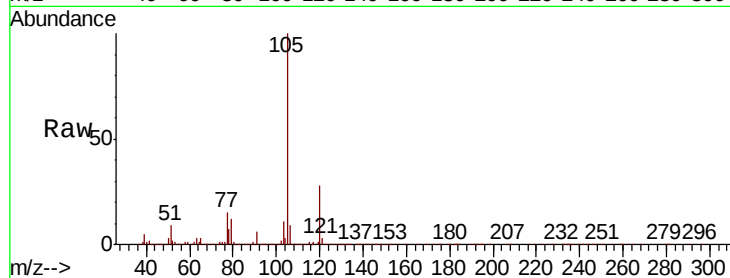
ClientSampled :

Tot Ion:105 Resp: 1260796

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

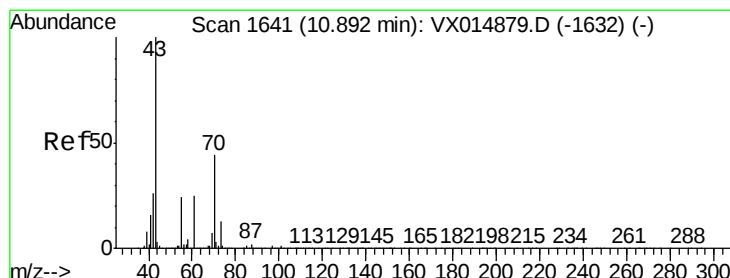
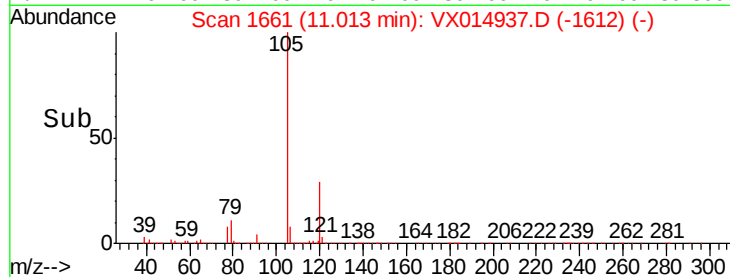
200000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 58.030 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion: 43 Resp: 529302

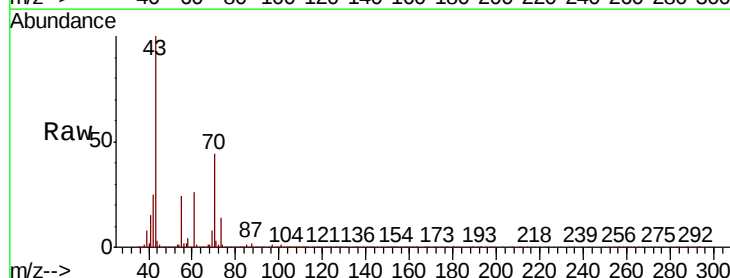
Ion Ratio Lower Upper

43 100

70 43.9 35.0 52.4

55 23.8 19.4 29.2

61 25.1 19.8 29.6



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

600000

400000

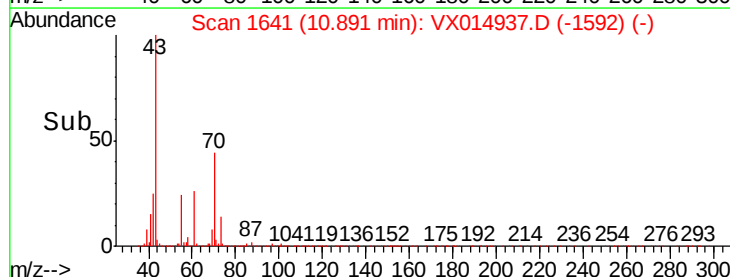
200000

0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.855 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

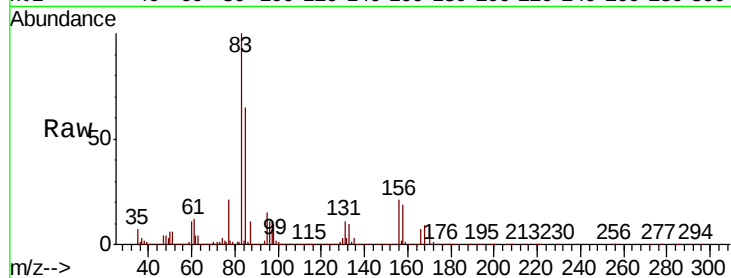
Tot Ion: 83 Resp: 386459

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

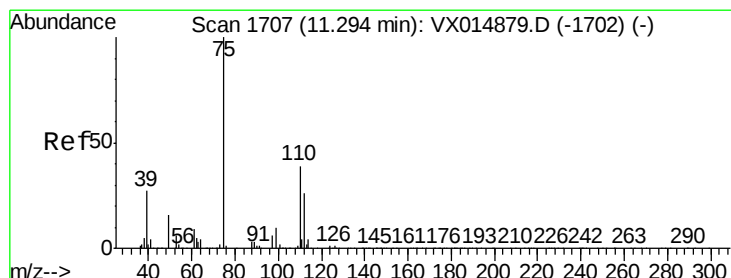
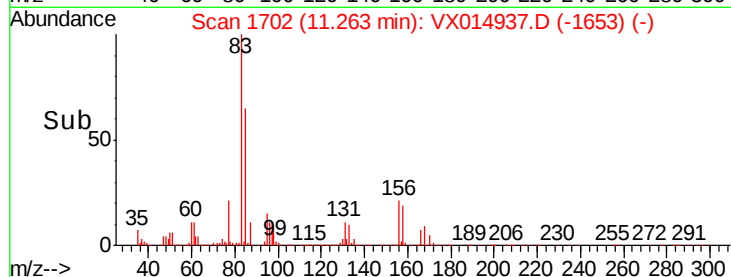
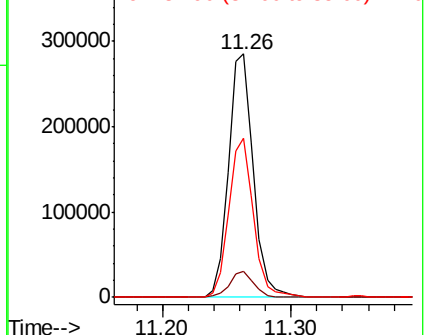
85 64.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.966 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014937.D

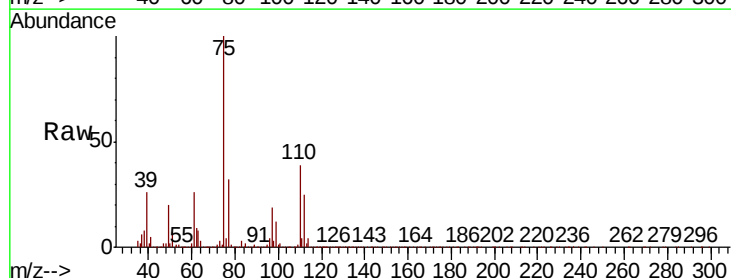
Acq: 14 Feb 2020 09:28

Tgt Ion: 75 Resp: 455550

Ion Ratio Lower Upper

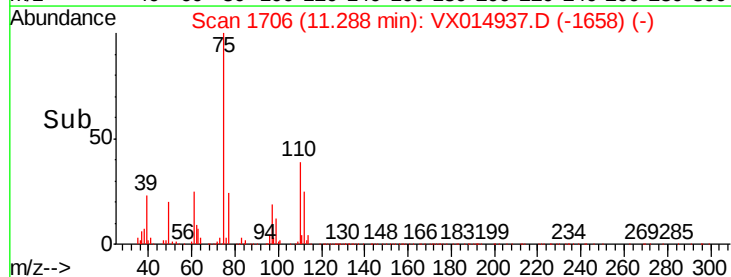
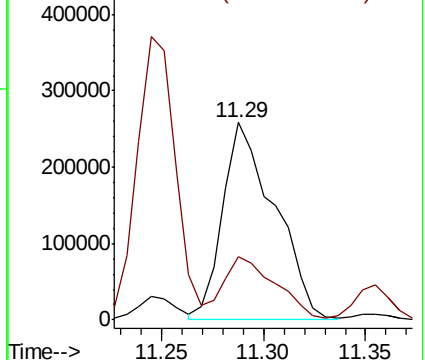
75 100

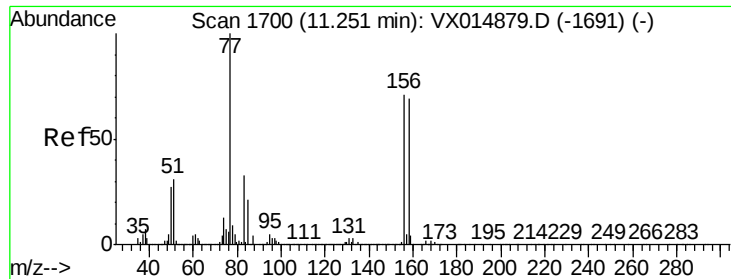
77 32.4 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.667 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

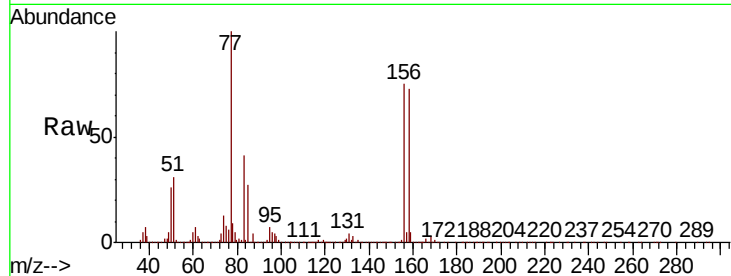
Tot Ion:156 Resp: 334950

Ion Ratio Lower Upper

156 100

77 144.8 74.0 222.0

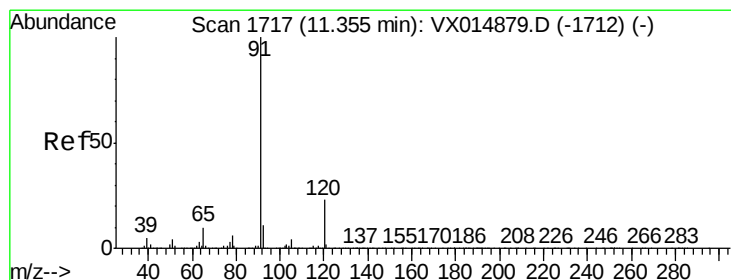
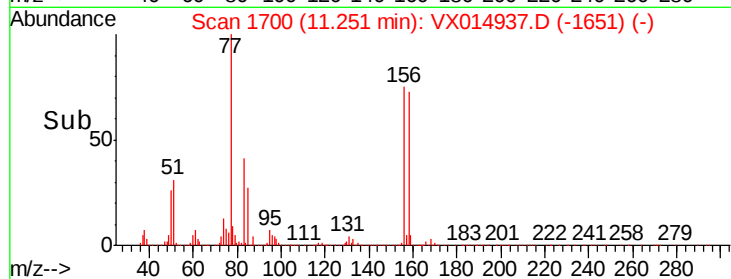
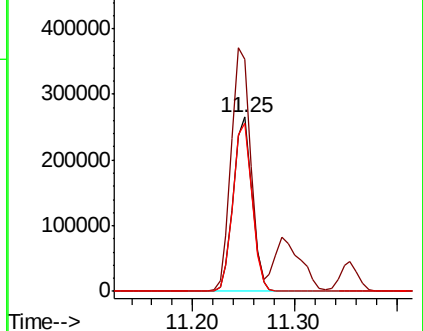
158 98.1 48.9 146.6



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: 57.221 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014937.D

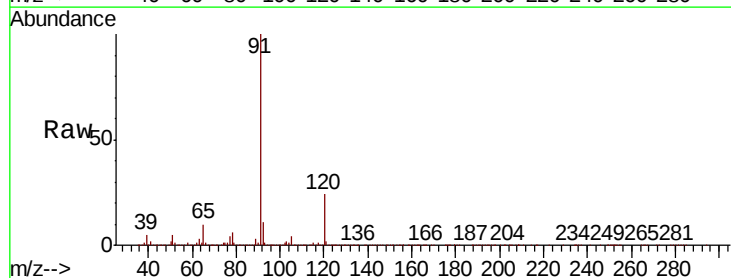
Acq: 14 Feb 2020 09:28

Tgt Ion: 91 Resp: 1452818

Ion Ratio Lower Upper

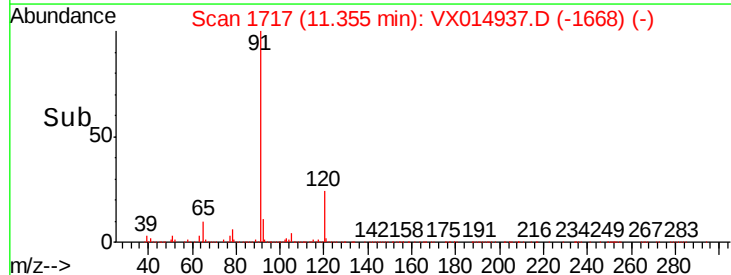
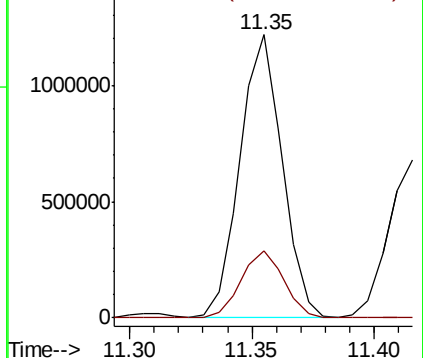
91 100

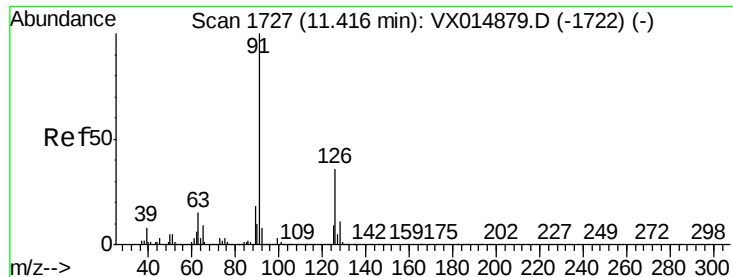
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

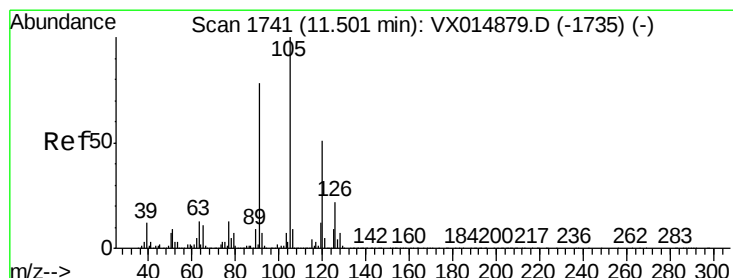
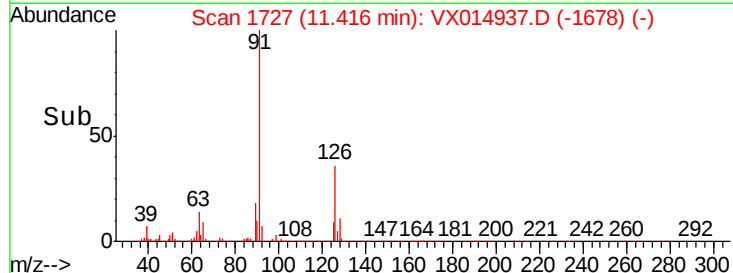
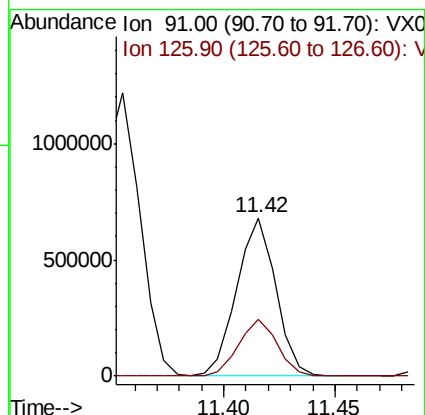
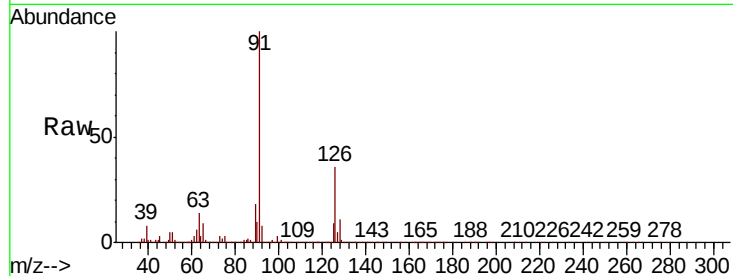




#79
2-Chlorotoluene
Concen: 55.645 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

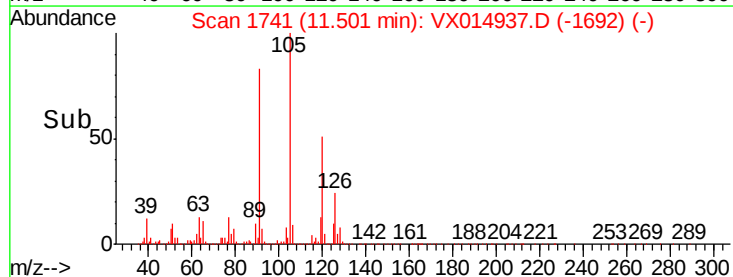
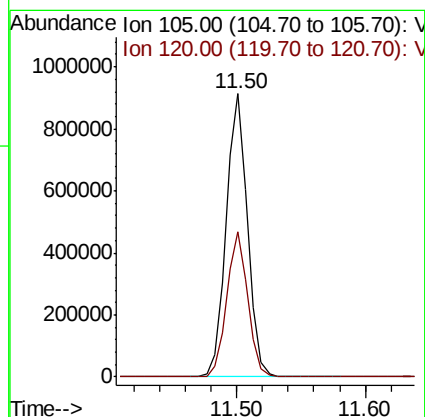
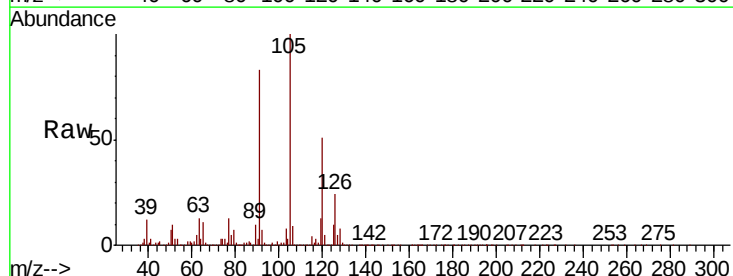
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 830580
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 57.878 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion:105 Resp: 1061598
Ion Ratio Lower Upper
105 100
120 50.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.988 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

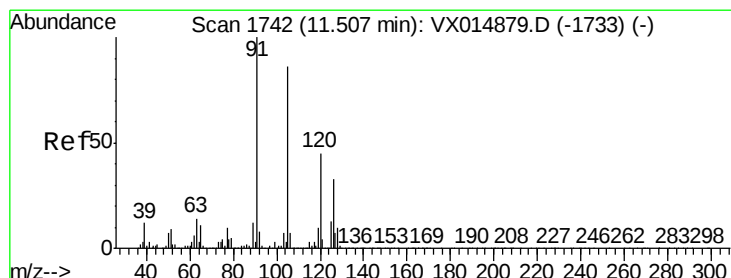
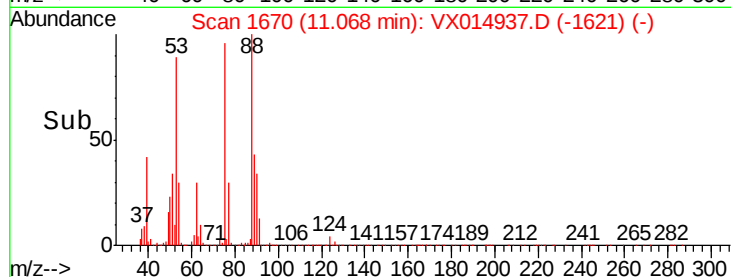
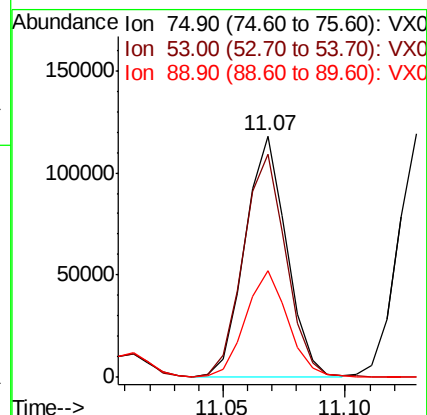
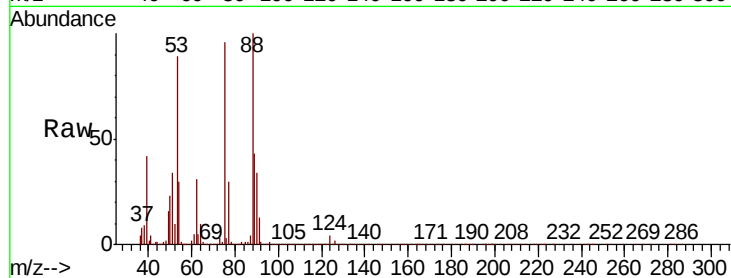
Tot Ion: 75 Resp: 138456

Ion Ratio Lower Upper

75 100

53 94.6 76.2 114.2

89 45.4 35.8 53.6



#82

4-Chlorotoluene

Concen: 56.126 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014937.D

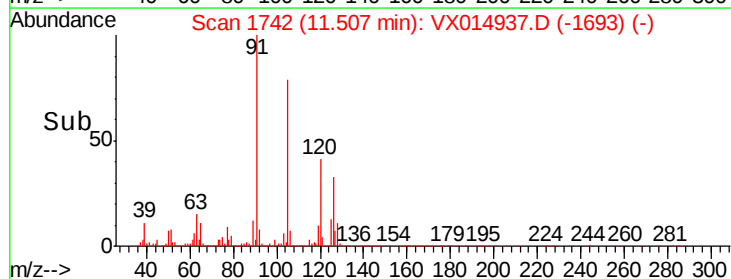
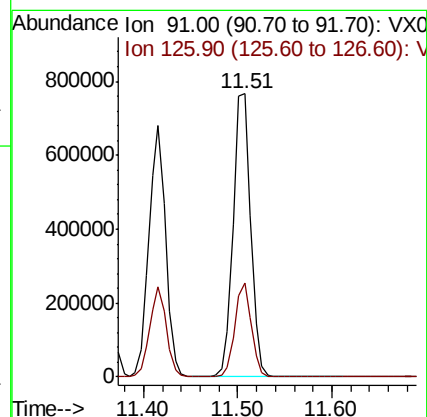
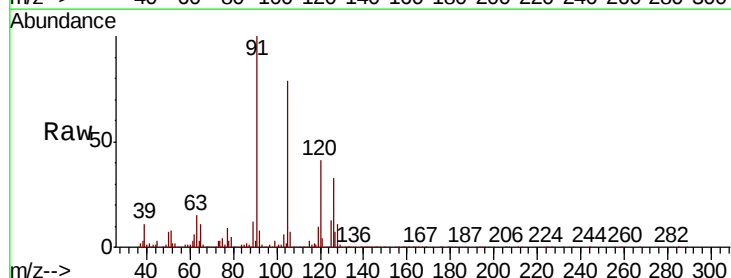
Acq: 14 Feb 2020 09:28

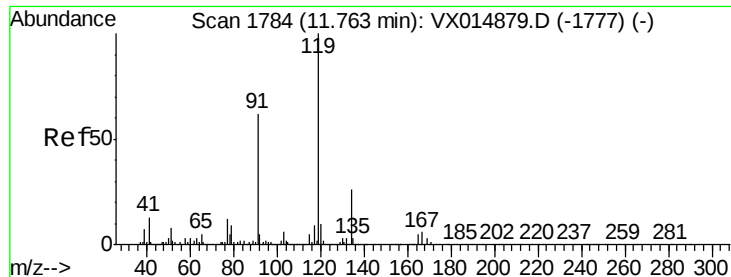
Tgt Ion: 91 Resp: 992100

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0





#83

tert-Butylbenzene

Concen: 58.816 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

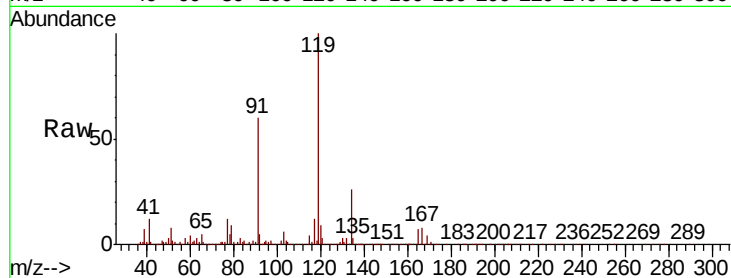
Tot Ion:119 Resp: 1021597

Ion	Ratio	Lower	Upper
119	100		
91	56.9	29.5	88.6
134	24.7	12.6	37.6

119 100

91 56.9 29.5 88.6

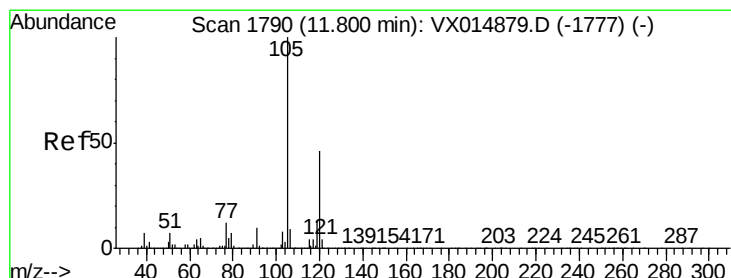
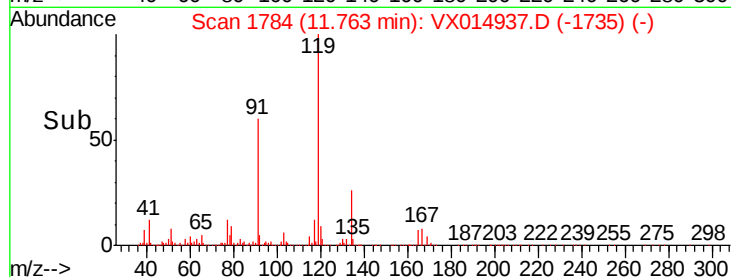
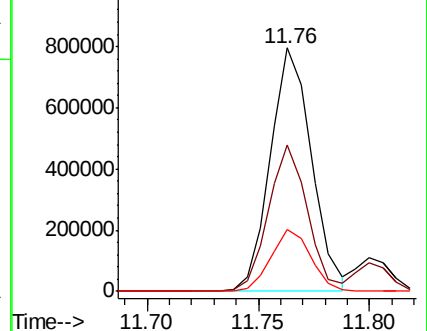
134 24.7 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.773 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014937.D

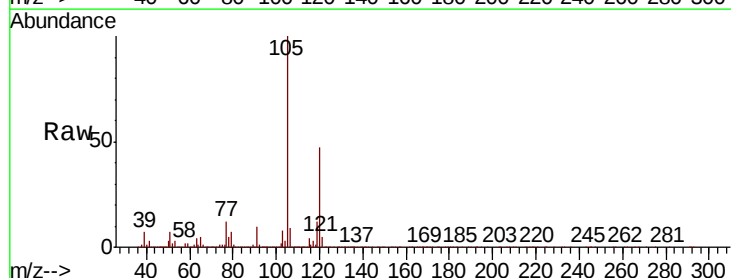
Acq: 14 Feb 2020 09:28

Tgt Ion:105 Resp: 1067924

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.0	69.0

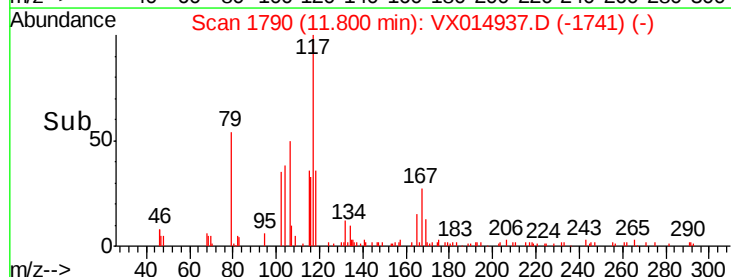
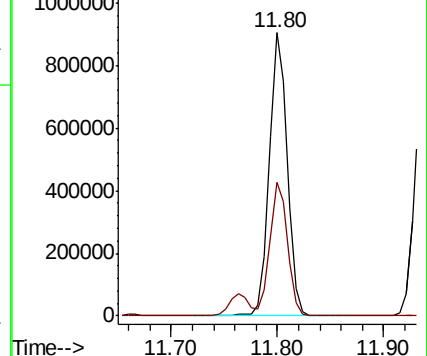
105 100

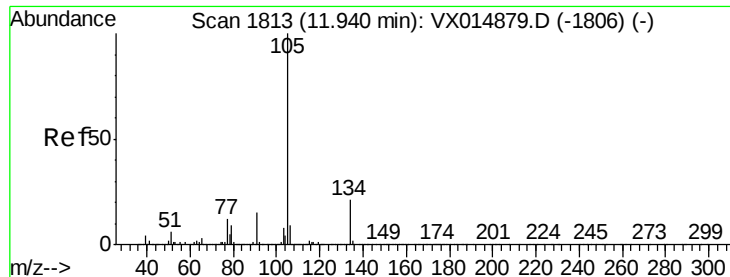
120 46.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 57.739 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

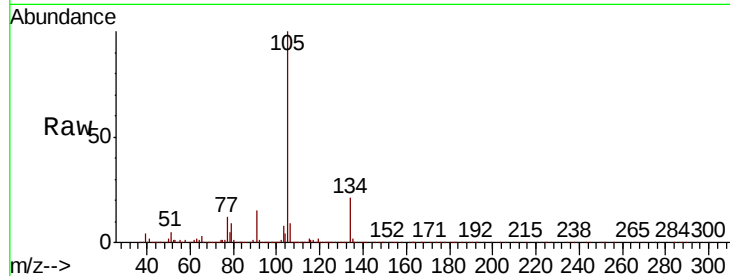
ClientSampleId :

Tot Ion:105 Resp: 1245867

Ion Ratio Lower Upper

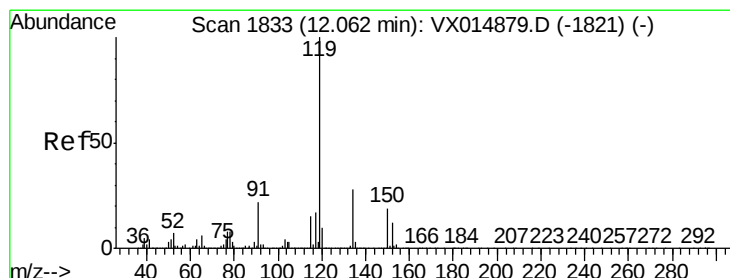
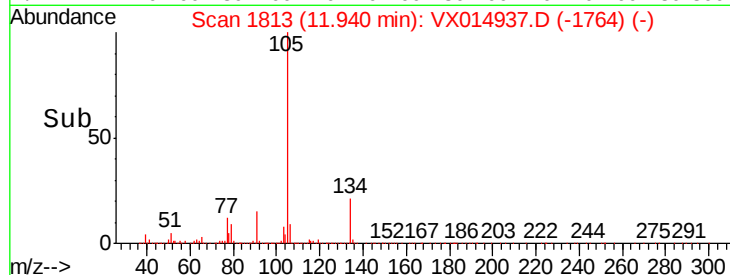
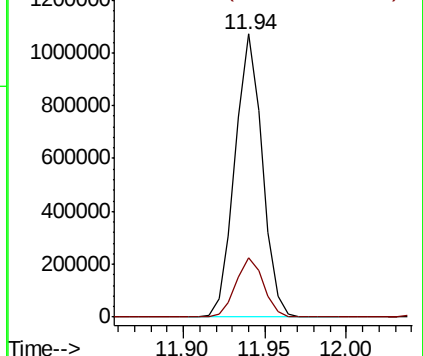
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.978 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

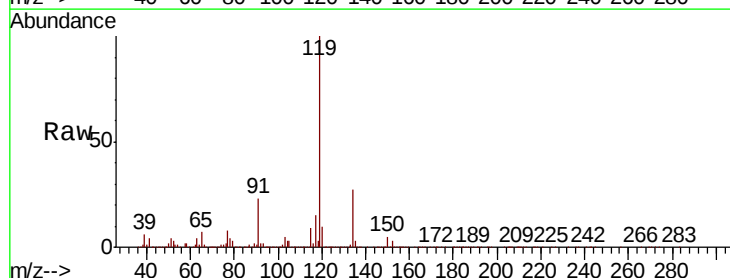
Tgt Ion:119 Resp: 1170693

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

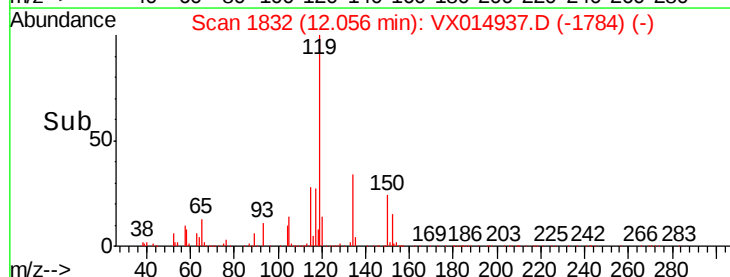
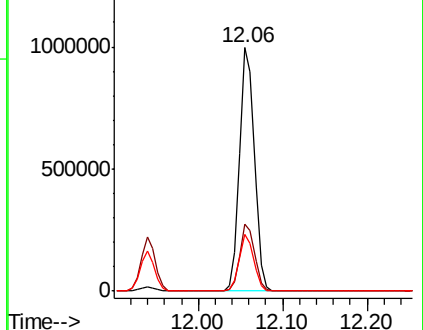
91 22.6 11.4 34.1

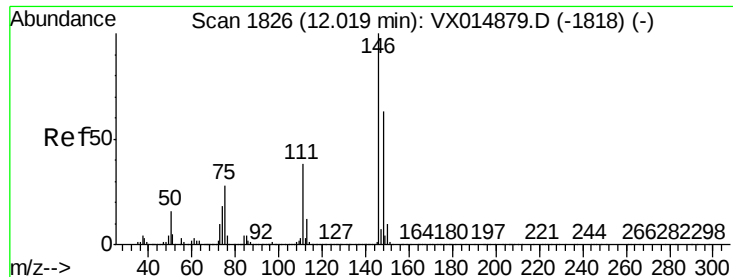


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 54.878 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014937.D

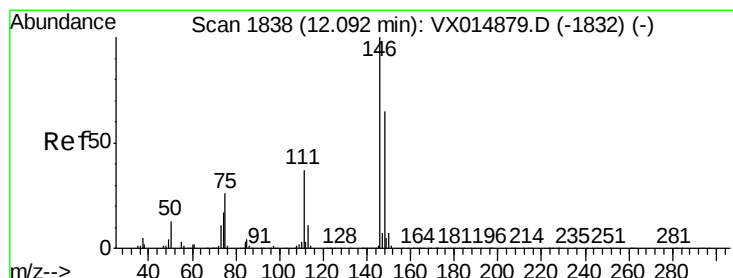
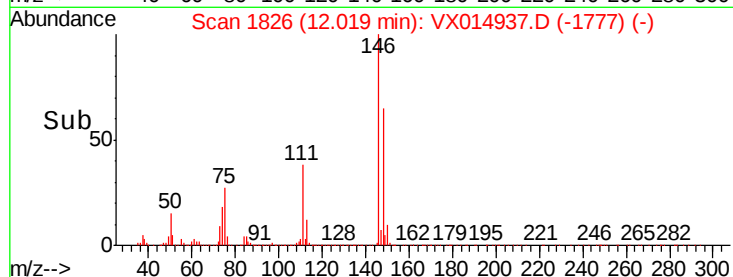
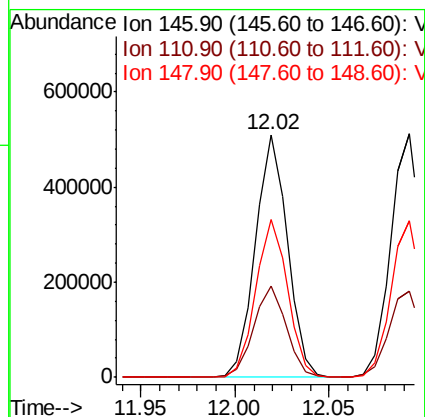
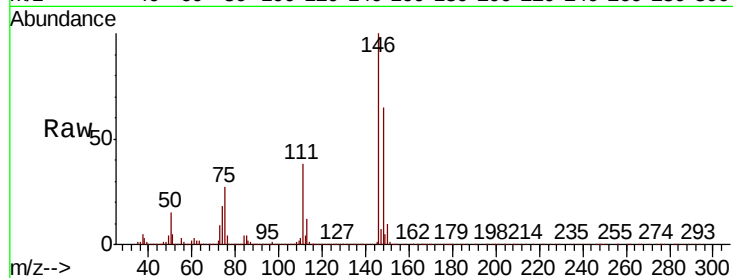
Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	603212
Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	64.9	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 54.515 ug/l

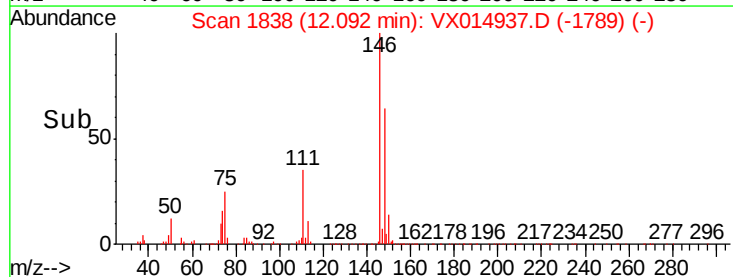
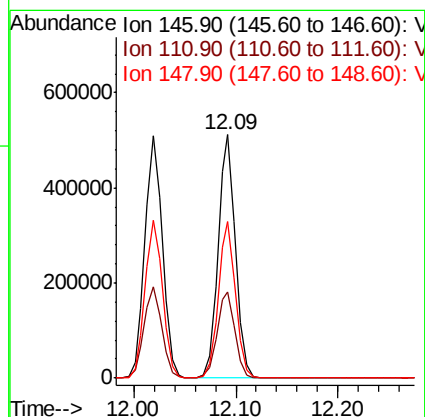
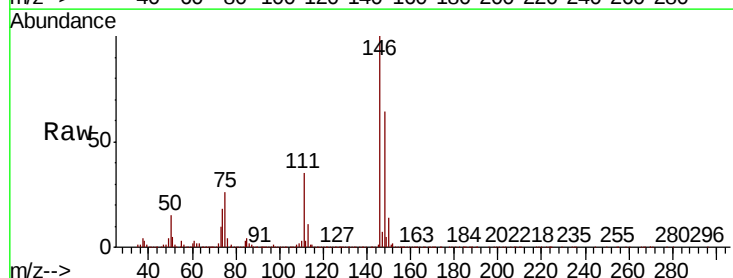
RT: 12.09 min Scan# 1838

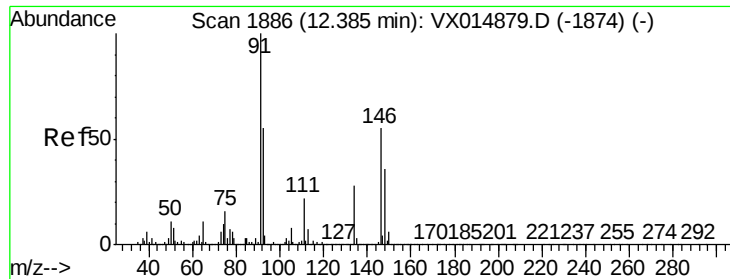
Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	146	Resp:	611919
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	64.1	32.4	97.0





#89

n-Butylbenzene

Concen: 58.583 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

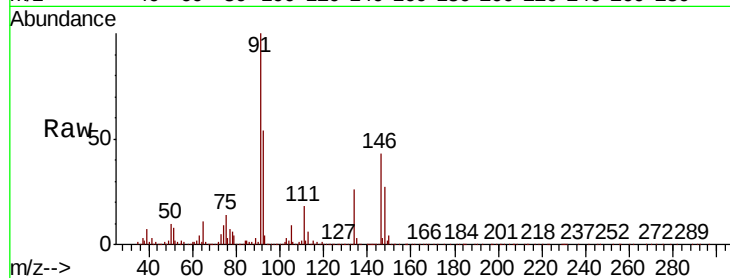
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 91 Resp: 1059420

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.8
134	27.6	13.8	41.4

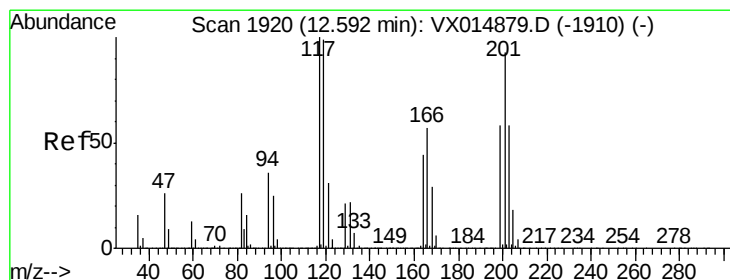
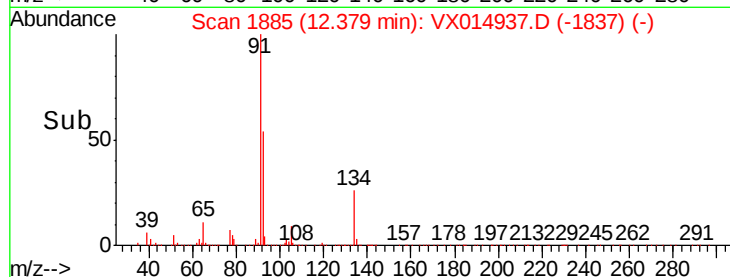
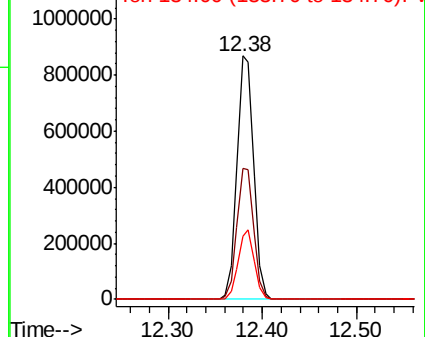


Abundance

Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

Ion 92.00 (91.70 to 92.70): VX014879.D (-1874) (-)

Ion 134.00 (133.70 to 134.70): VX014879.D (-1874) (-)



#90

Hexachloroethane

Concen: 59.335 ug/l

RT: 12.59 min Scan# 1920

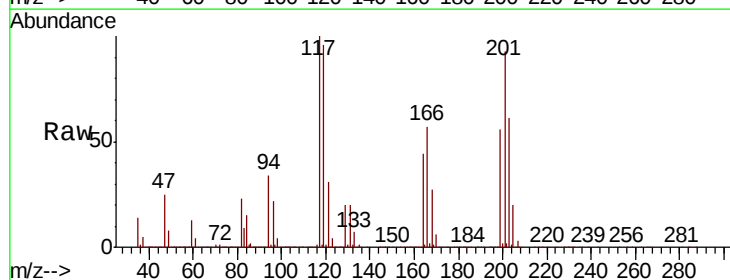
Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion: 117 Resp: 209230

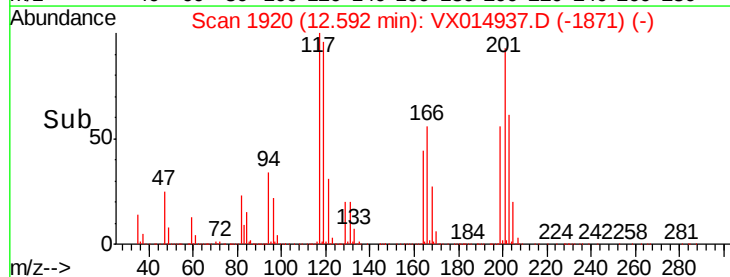
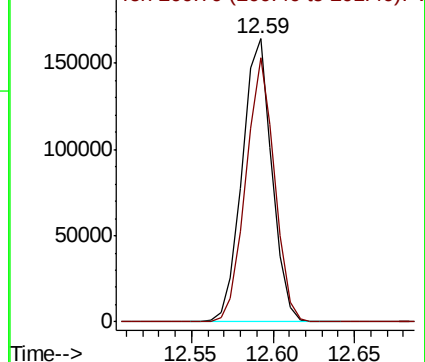
Ion	Ratio	Lower	Upper
117	100		
201	89.8	44.8	134.3



Abundance

Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX014879.D (-1910) (-)





#91

1,2-Dichlorobenzene

Concen: 55.198 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

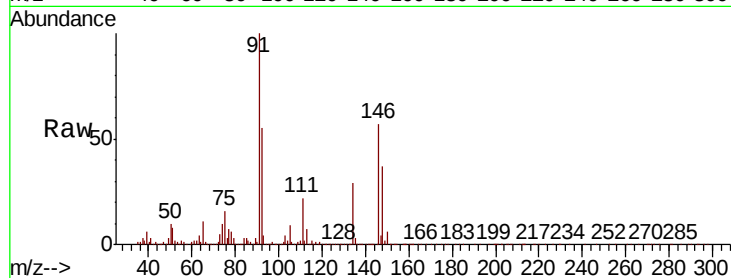
Tot Ion:146 Resp: 594998

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.3

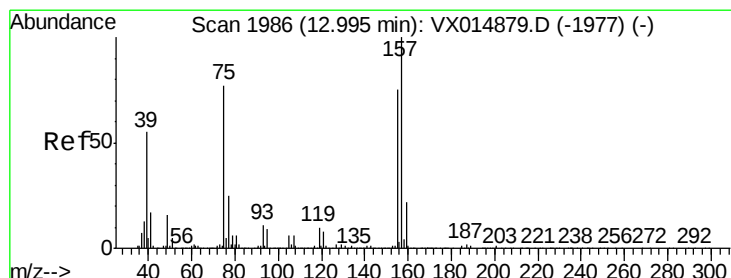
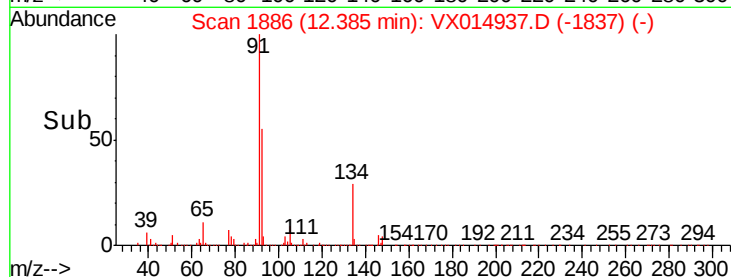
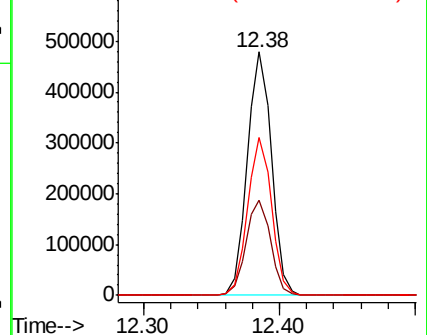
148 64.2 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.638 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

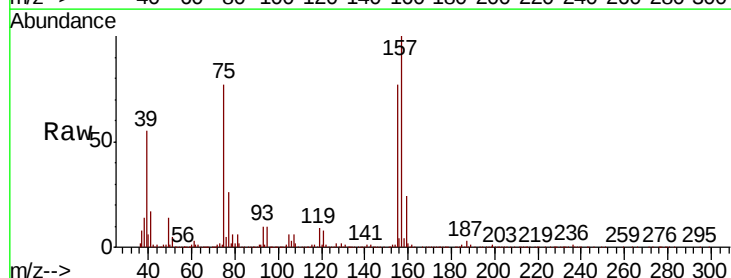
Tgt Ion: 75 Resp: 85249

Ion Ratio Lower Upper

75 100

155 97.5 48.6 145.9

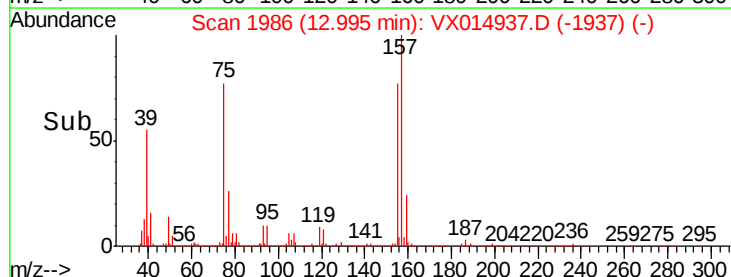
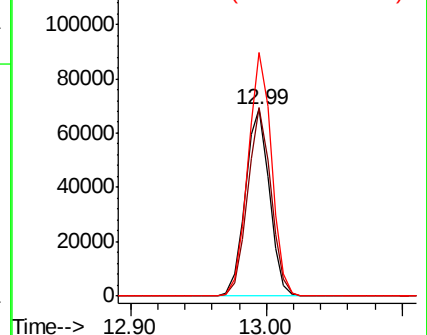
157 126.9 62.0 186.0

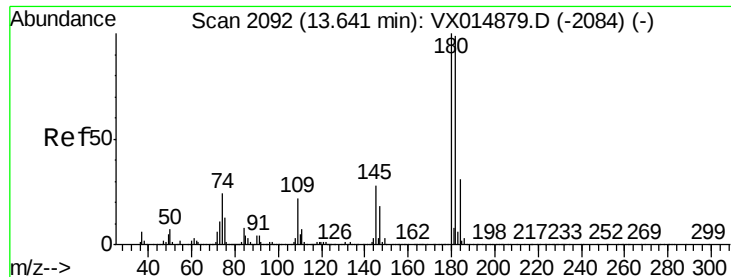


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 57.698 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

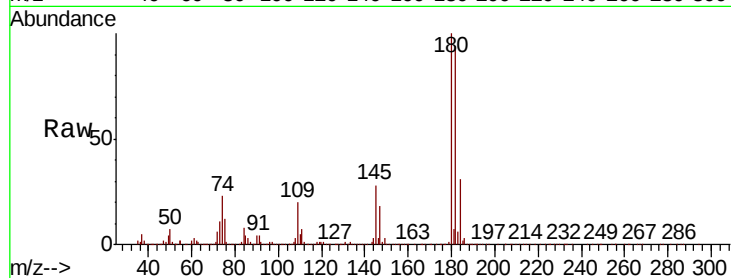
Tot Ion:180 Resp: 459063

Ion Ratio Lower Upper

180 100

182 94.6 48.4 145.3

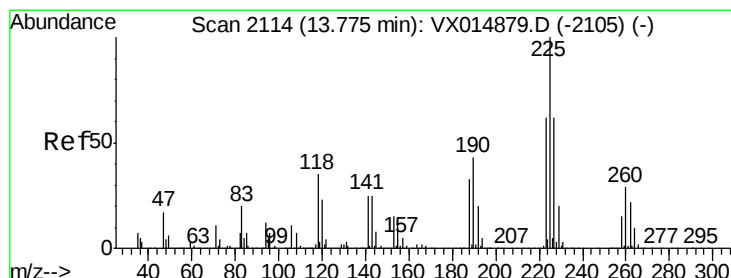
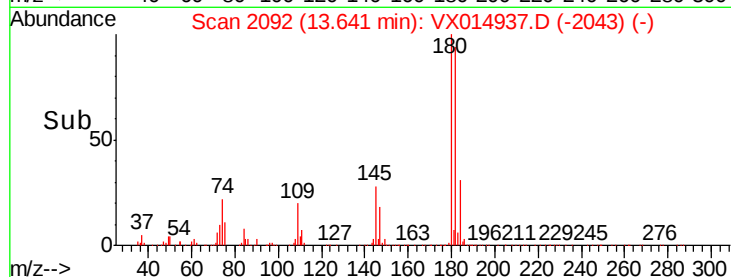
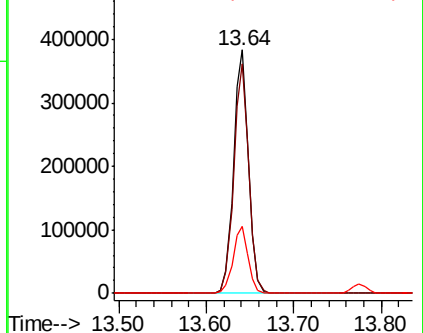
145 27.5 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 58.189 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

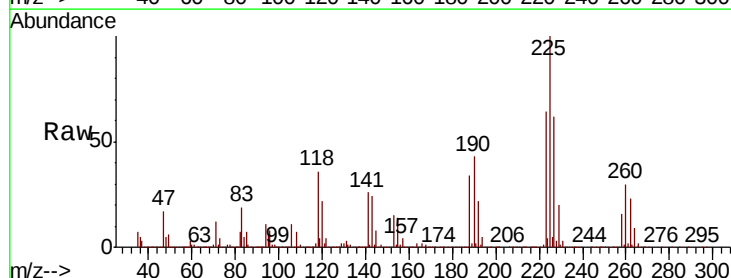
Tgt Ion:225 Resp: 223927

Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

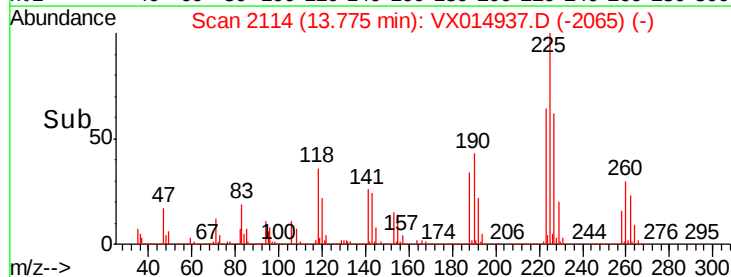
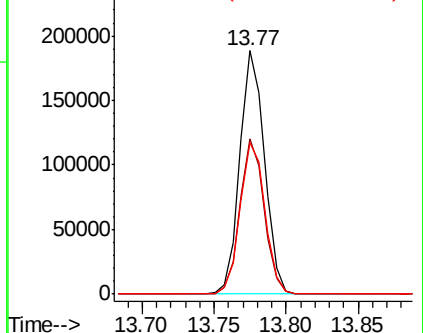
227 63.1 30.9 92.5

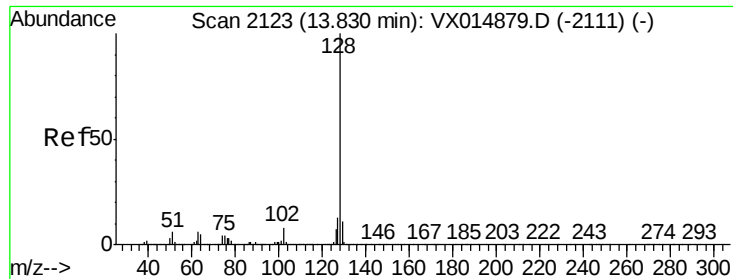


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

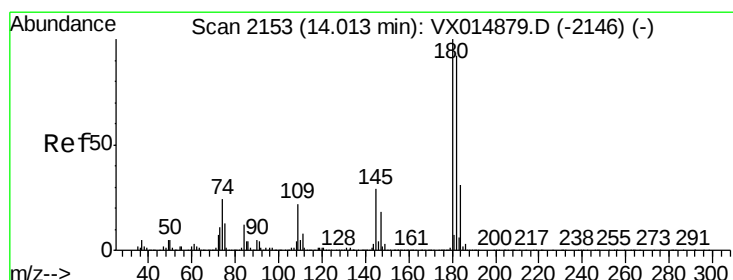
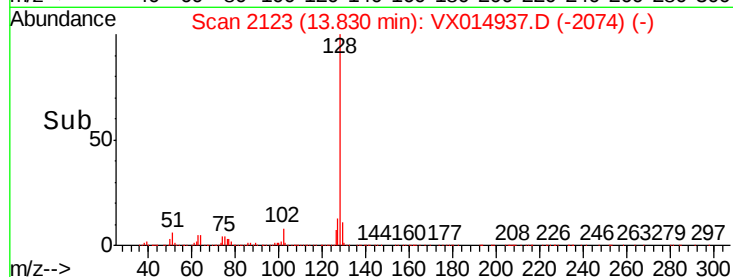
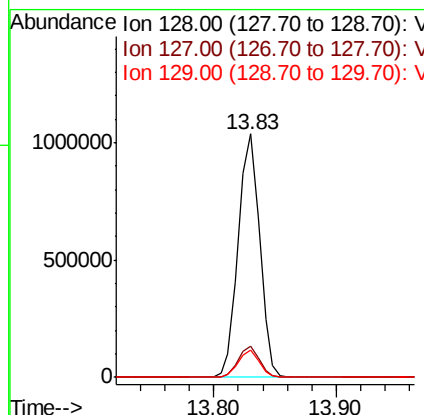
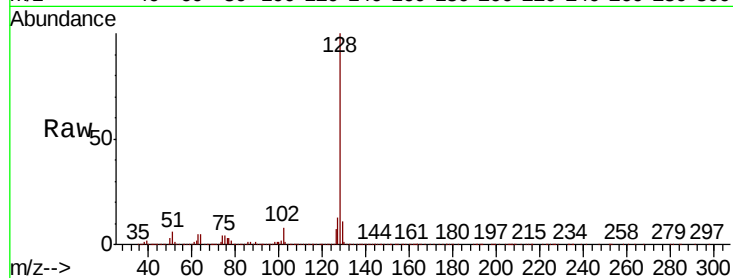




#95
Naphthalene
Concen: 59.269 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1253805
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.462 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion:180 Resp: 441702
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 29.5 14.5 43.5

