

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
 Data File : VX014971.D
 Acq On : 20 Feb 2020 11:44
 Operator : JC/SP
 Sample : VX0220WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:32:00 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	421458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	624656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	578769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310502	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	235474	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	5.48	113	191653	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	732179	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	269224	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	75622	18.947	ug/l	99
3) Chloromethane	1.32	50	85960	18.996	ug/l	99
4) Vinyl Chloride	1.40	62	90575	18.581	ug/l	100
5) Bromomethane	1.64	94	59601	18.889	ug/l	98
6) Chloroethane	1.72	64	58327	18.700	ug/l	96
7) Trichlorofluoromethane	1.93	101	130776	19.202	ug/l	96
8) Diethyl Ether	2.18	74	54971	19.464	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75829	19.181	ug/l	99
10) Methyl Iodide	2.50	142	79836	20.901	ug/l	97
11) Tert butyl alcohol	3.01	59	85825	102.194	ug/l	98
12) 1,1-Dichloroethene	2.37	96	71914	18.616	ug/l	96
13) Acrolein	2.28	56	46634	72.856	ug/l	98
14) Allyl chloride	2.72	41	126595	18.483	ug/l	99
15) Acrylonitrile	3.12	53	216675	101.772	ug/l	99
16) Acetone	2.42	43	234718	84.636	ug/l	100
17) Carbon Disulfide	2.56	76	187709	17.391	ug/l	98
18) Methyl Acetate	2.76	43	100251	20.927	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	250622	19.934	ug/l	100
20) Methylene Chloride	2.84	84	86535	18.912	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	80010	18.770	ug/l	98
22) Diisopropyl ether	3.84	45	266324	20.359	ug/l	98
23) Vinyl Acetate	3.80	43	1128855	104.683	ug/l	100
24) 1,1-Dichloroethane	3.69	63	144225	19.535	ug/l	97
25) 2-Butanone	4.65	43	314366	97.080	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117490	18.466	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	91515	19.206	ug/l	100
28) Bromochloromethane	5.00	49	60179	21.030	ug/l	98
29) Tetrahydrofuran	5.11	42	188929	102.634	ug/l	99
30) Chloroform	5.20	83	146353	19.980	ug/l	95
31) Cyclohexane	5.57	56	124288	18.483	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	121092	18.899	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106118	18.991	ug/l	98
37) Ethyl Acetate	4.81	43	118373	20.311	ug/l	99
38) Carbon Tetrachloride	5.78	117	105251	19.328	ug/l	96

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:32:00 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)
39) Methylcyclohexane	7.45	83	128921	18.448	ug/l	96
40) Benzene	6.13	78	324648	19.446	ug/l	99
41) Methacrylonitrile	5.03	41	64729	20.617	ug/l	99
42) 1,2-Dichloroethane	6.18	62	117635	19.495	ug/l	100
43) Isopropyl Acetate	6.43	43	194568	20.238	ug/l	98
44) Trichloroethene	7.20	130	91296	18.837	ug/l	96
45) 1,2-Dichloropropane	7.50	63	84433	19.830	ug/l	96
46) Dibromomethane	7.65	93	57127	19.628	ug/l	97
47) Bromodichloromethane	7.89	83	112903	19.565	ug/l	96
48) Methyl methacrylate	7.76	41	92870	19.629	ug/l	100
49) 1,4-Dioxane	7.73	88	38741	437.944	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	598469	103.094	ug/l	99
52) Toluene	8.78	92	205480	19.378	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	121310	19.181	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	135380	19.377	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85308	19.885	ug/l	96
56) Ethyl methacrylate	9.17	69	127099	19.710	ug/l	98
57) 1,3-Dichloropropane	9.36	76	144011	19.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	332663	98.643	ug/l	100
59) 2-Hexanone	9.48	43	455308	99.785	ug/l	100
60) Dibromochloromethane	9.57	129	88908	19.257	ug/l	95
61) 1,2-Dibromoethane	9.67	107	90587	19.570	ug/l	100
64) Tetrachloroethene	9.33	164	95181	17.589	ug/l	98
65) Chlorobenzene	10.13	112	225506	19.210	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86489	20.294	ug/l	97
67) Ethyl Benzene	10.25	91	390579	19.564	ug/l	99
68) m/p-Xylenes	10.35	106	303656	39.482	ug/l	98
69) o-Xylene	10.69	106	146015	19.750	ug/l	97
70) Styrene	10.71	104	246622	19.718	ug/l	100
71) Bromoform	10.85	173	68597	19.283	ug/l #	98
73) Isopropylbenzene	11.01	105	389912	20.024	ug/l	100
74) N-amyl acetate	10.89	43	162360	20.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	127911	20.095	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	143528	25.562	ug/l	93
77) Bromobenzene	11.25	156	106684	19.630	ug/l	97
78) n-propylbenzene	11.35	91	444548	19.739	ug/l	99
79) 2-Chlorotoluene	11.42	91	260949	19.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	328619	20.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39457	17.988	ug/l	93
82) 4-Chlorotoluene	11.51	91	303518	19.358	ug/l	100
83) tert-Butylbenzene	11.76	119	315211	20.459	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	331376	20.210	ug/l	100
85) sec-Butylbenzene	11.94	105	380963	19.904	ug/l	99
86) p-Isopropyltoluene	12.06	119	356432	19.901	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187943	19.276	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	186310	18.712	ug/l	99
89) n-Butylbenzene	12.39	91	303061	18.893	ug/l	100
90) Hexachloroethane	12.59	117	60873	19.462	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	188435	19.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27271	18.262	ug/l	99

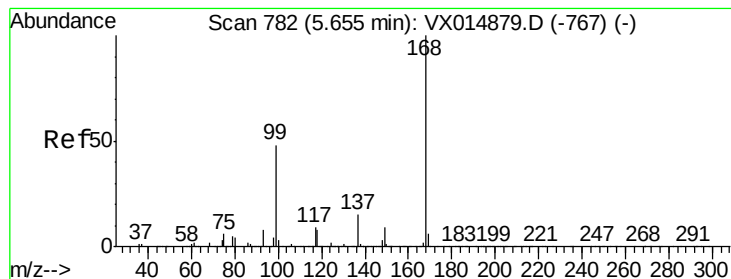
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
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Instrument :
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ClientSampleId :

Quant Time: Feb 21 00:32:00 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)
93) 1,2,4-Trichlorobenzene	13.64	180	131959	18.698	ug/l	100
94) Hexachlorobutadiene	13.78	225	67772	19.854	ug/l	99
95) Naphthalene	13.83	128	372959	19.876	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132971	19.502	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: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

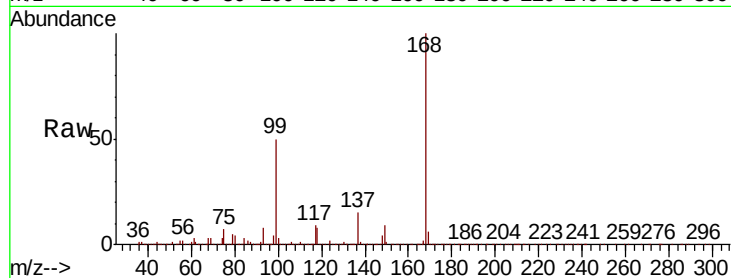
ClientSampleId :

Tot Ion:168 Resp: 421458

Ion Ratio Lower Upper

168 100

99 50.0 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

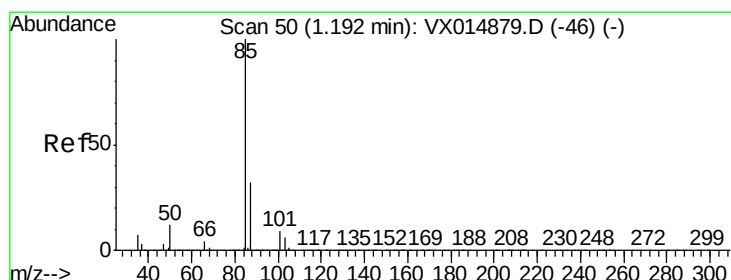
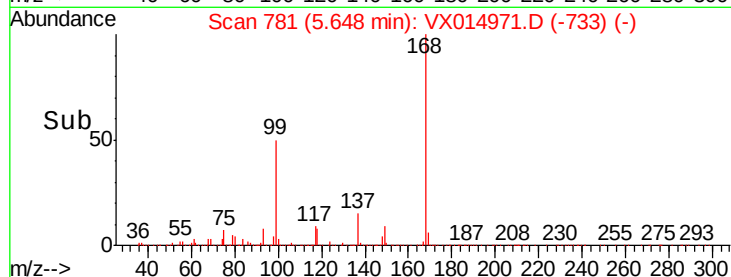
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.947 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014971.D

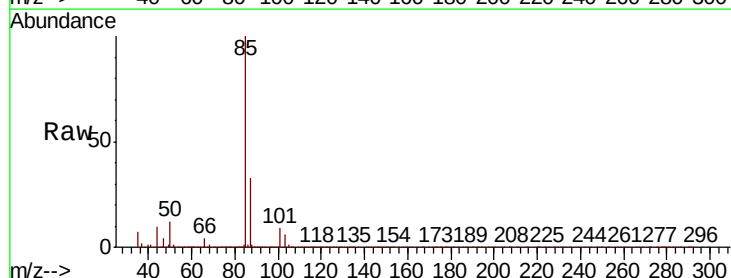
Acq: 20 Feb 2020 11:44

Tgt Ion: 85 Resp: 75622

Ion Ratio Lower Upper

85 100

87 32.6 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

80000

60000

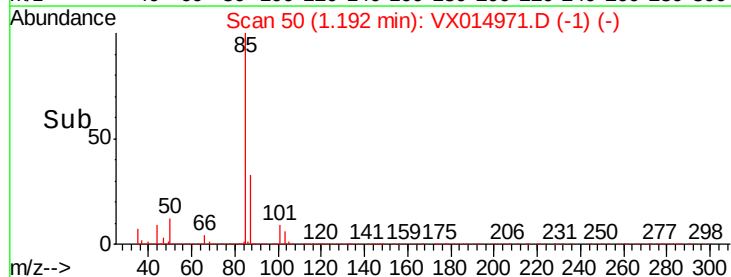
40000

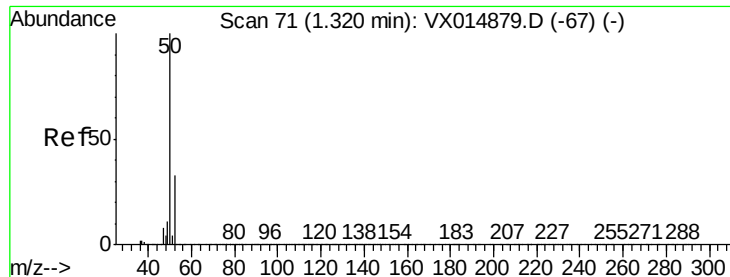
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.996 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

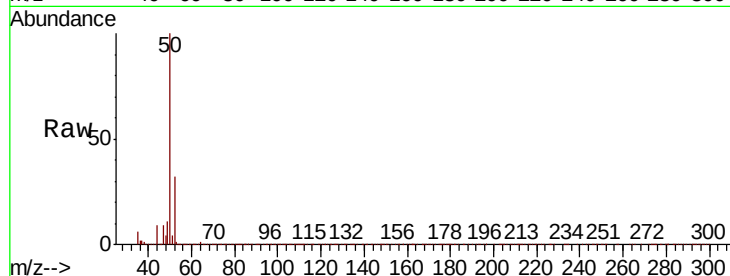
ClientSampled :

Tot Ion: 50 Resp: 85960

Ion Ratio Lower Upper

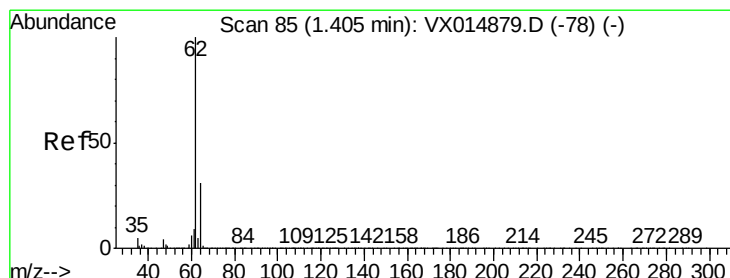
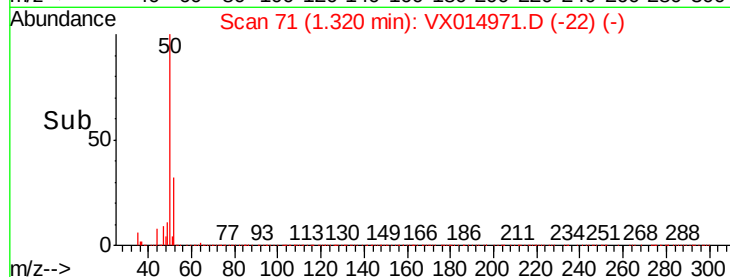
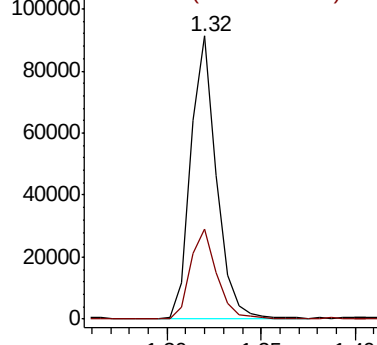
50 100

52 31.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.581 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014971.D

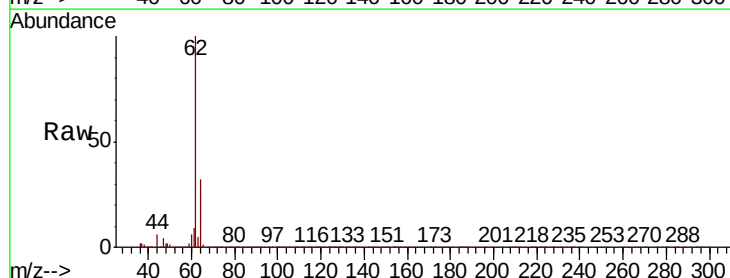
Acq: 20 Feb 2020 11:44

Tgt Ion: 62 Resp: 90575

Ion Ratio Lower Upper

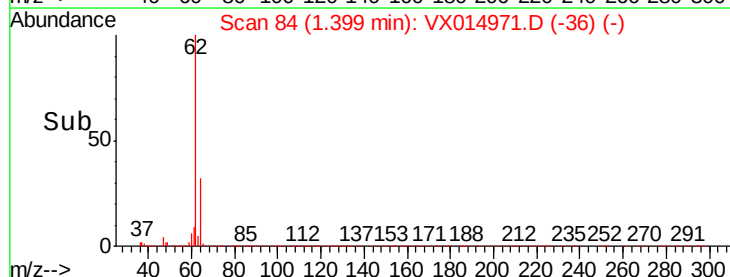
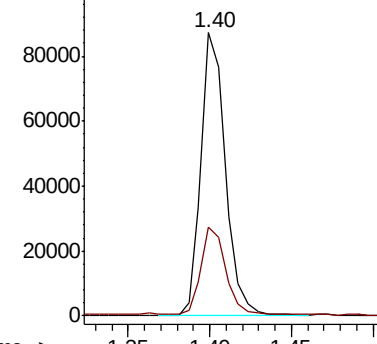
62 100

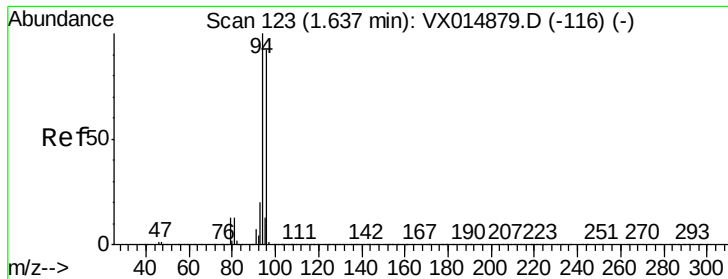
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.889 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

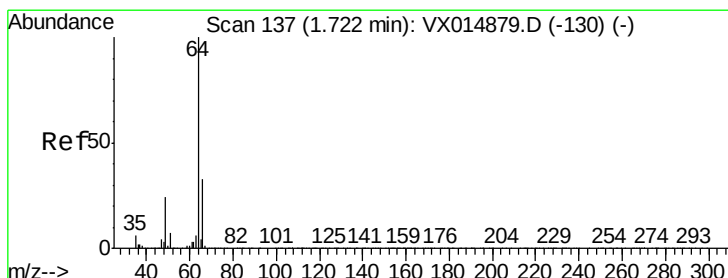
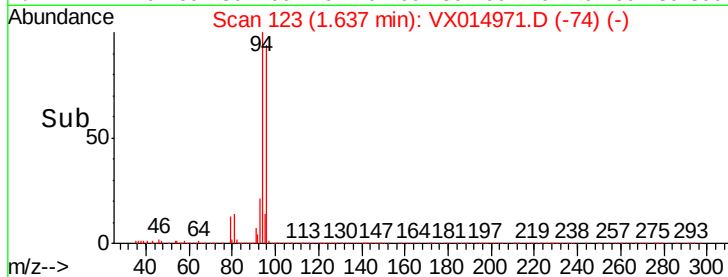
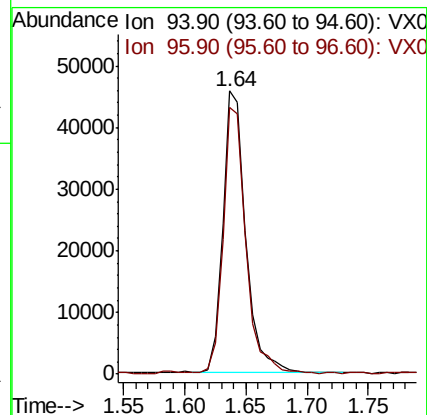
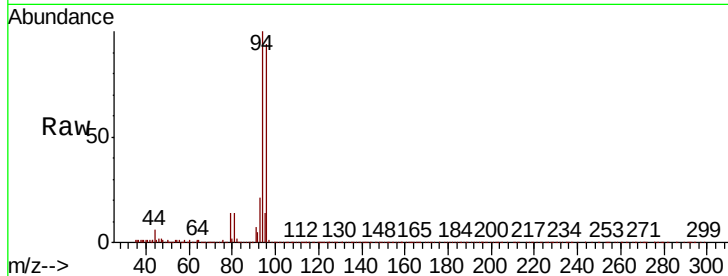
ClientSampleId :

Tot Ion: 94 Resp: 59601

Ion Ratio Lower Upper

94 100

96 94.2 73.7 110.5



#6

Chloroethane

Concen: 18.700 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014971.D

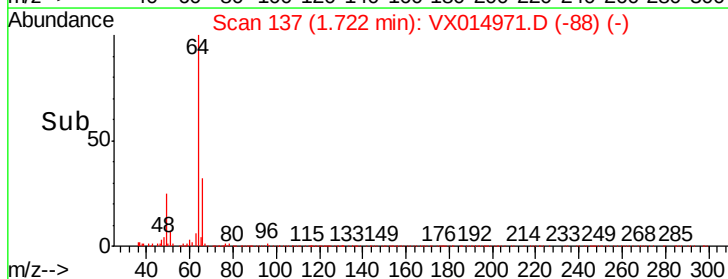
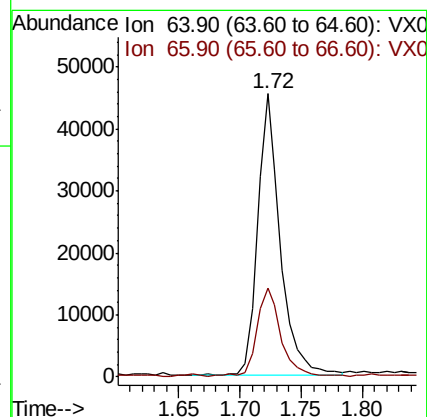
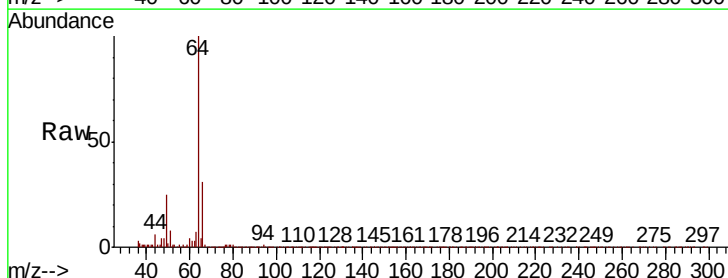
Acq: 20 Feb 2020 11:44

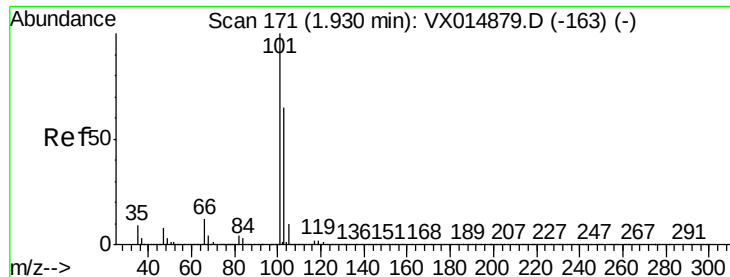
Tgt Ion: 64 Resp: 58327

Ion Ratio Lower Upper

64 100

66 30.8 26.2 39.4



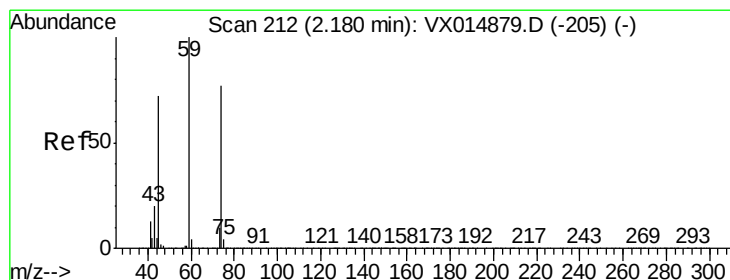
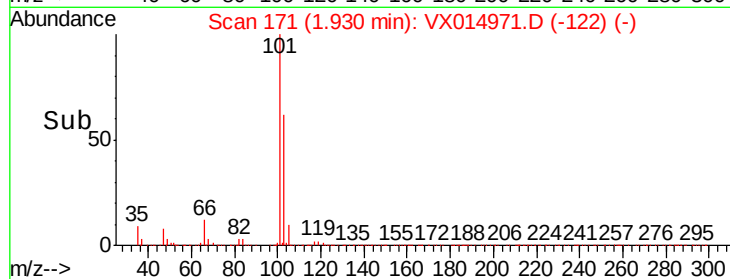
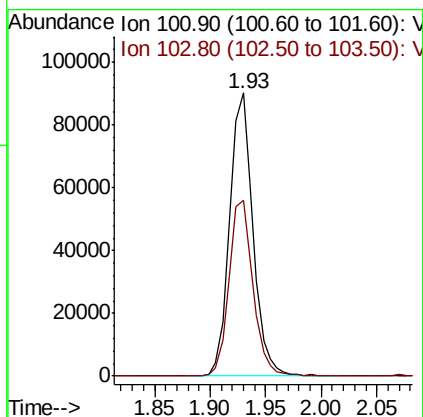
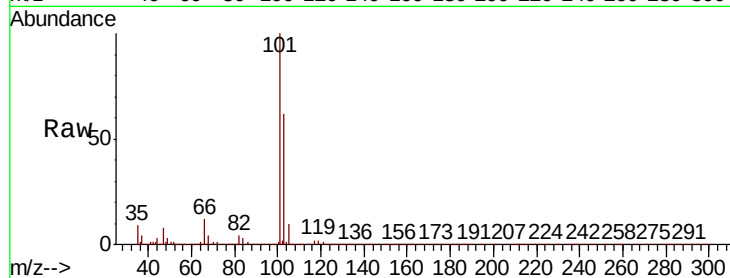


#7

Trichlorofluoromethane
Concen: 19.202 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :

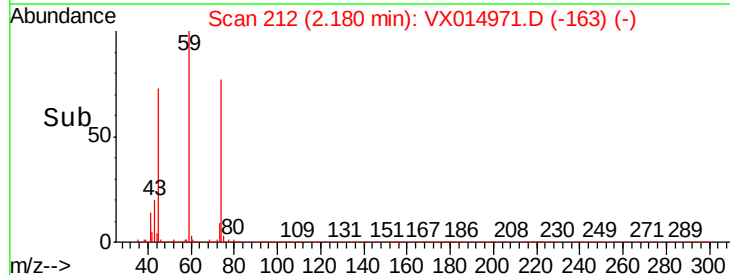
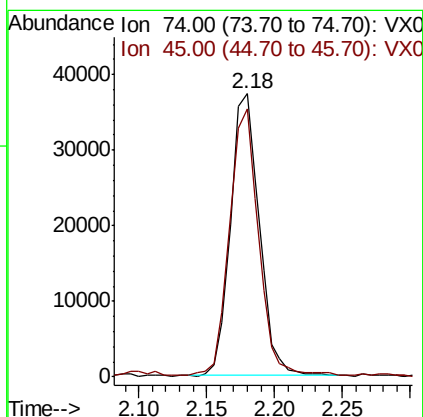
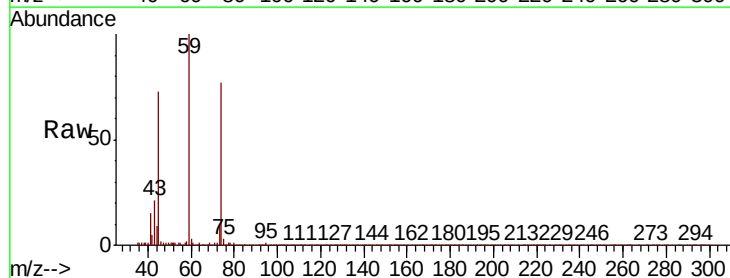
Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.2	78.4

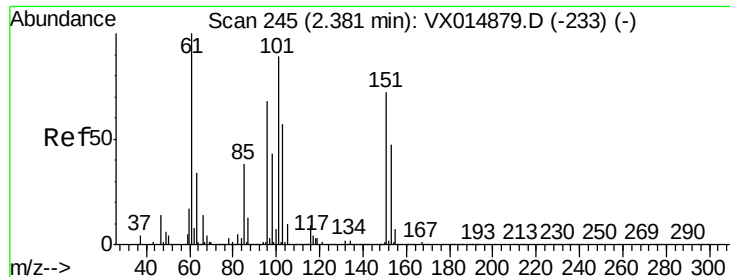


#8

Diethyl Ether
Concen: 19.464 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.181 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

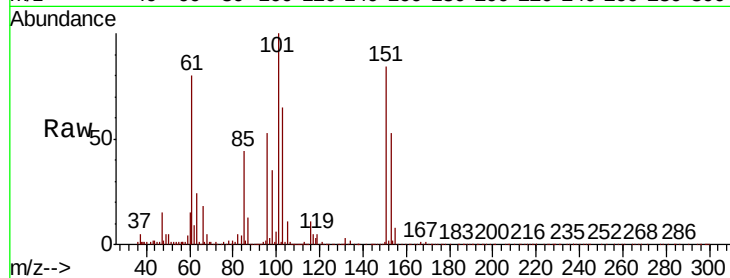
Tot Ion:101 Resp: 75829

Ion Ratio Lower Upper

101 100

85 42.0 34.1 51.1

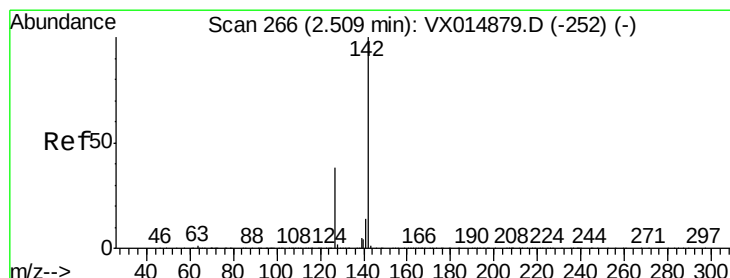
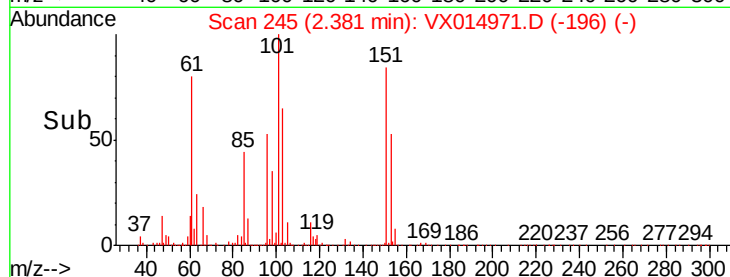
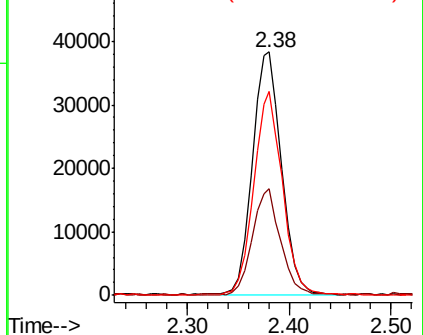
151 83.1 67.3 100.9



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: 20.901 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

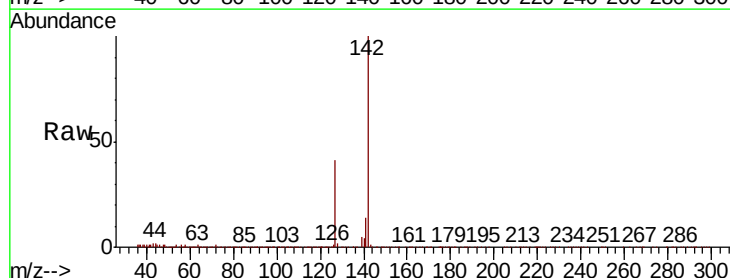
Tgt Ion:142 Resp: 79836

Ion Ratio Lower Upper

142 100

127 40.7 31.1 46.7

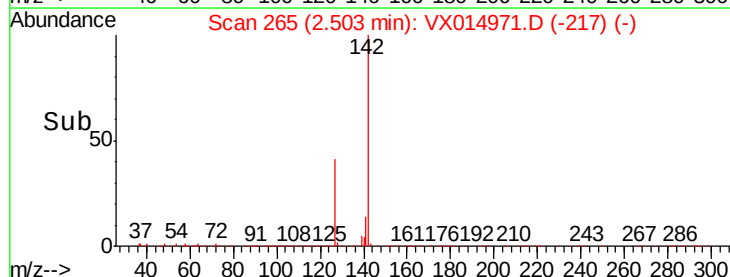
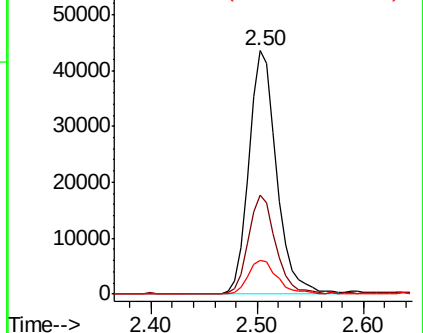
141 14.7 11.3 16.9

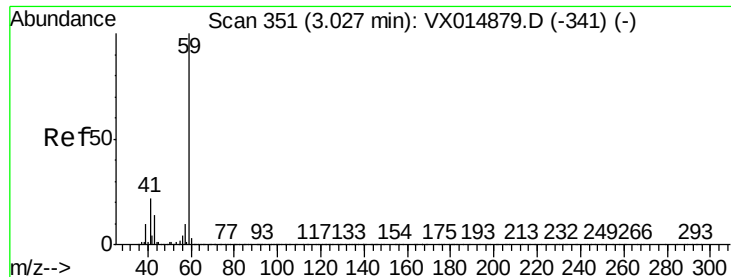


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



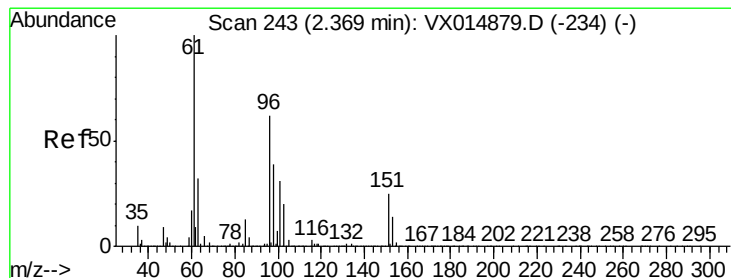
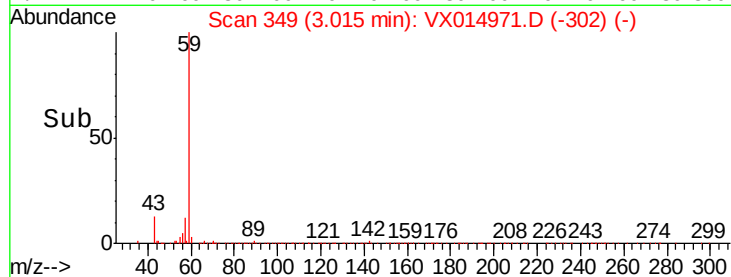
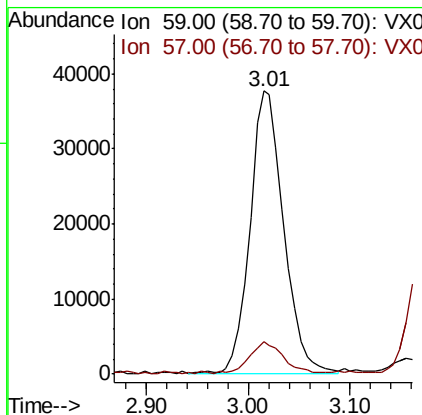
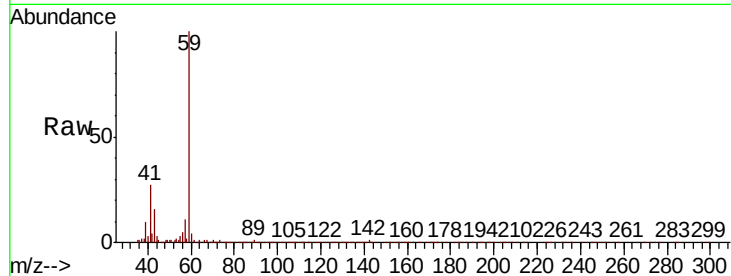


#11

Tert butyl alcohol
 Concen: 102.194 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :

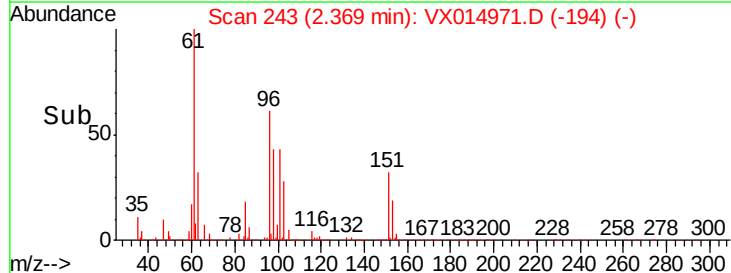
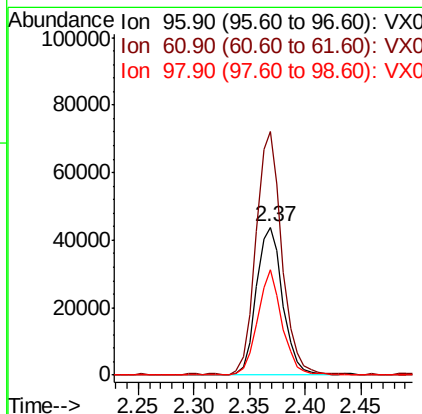
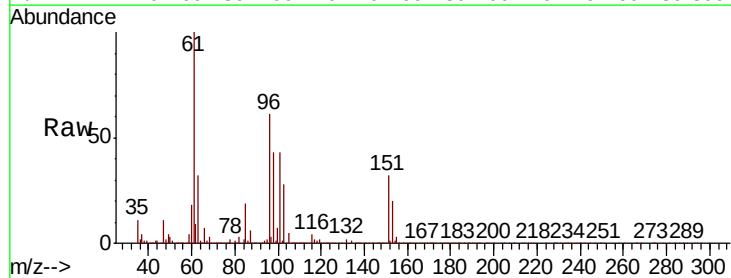
Tot Ion: 59 Resp: 85825
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.4

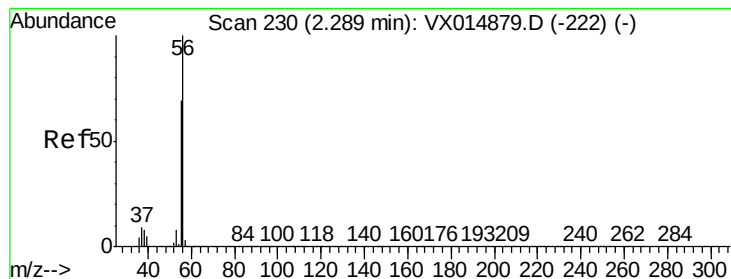


#12

1,1-Dichloroethene
 Concen: 18.616 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion: 96 Resp: 71914
 Ion Ratio Lower Upper
 96 100
 61 164.0 129.5 194.3
 98 71.0 50.6 76.0





#13

Acrolein

Concen: 72.856 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

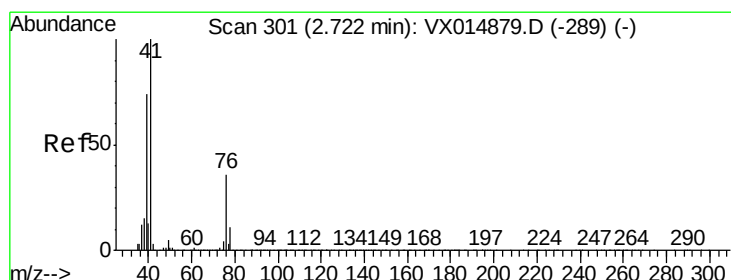
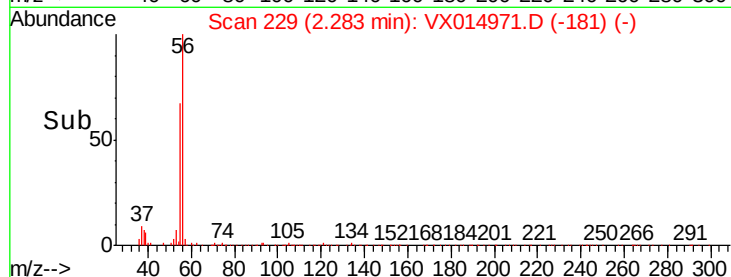
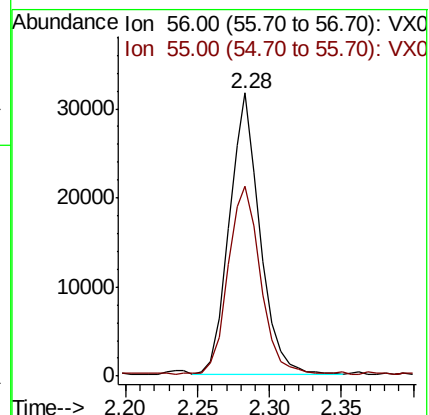
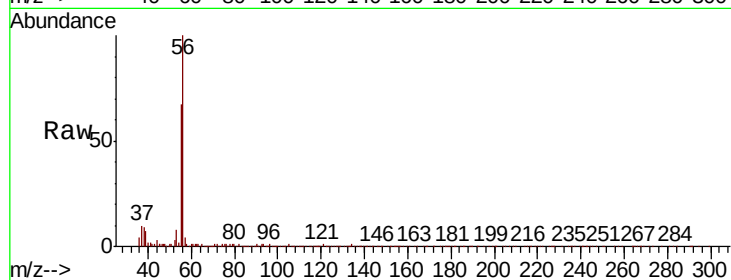
ClientSampleId :

Tot Ion: 56 Resp: 46634

Ion Ratio Lower Upper

56 100

55 70.3 55.0 82.4



#14

Allyl chloride

Concen: 18.483 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

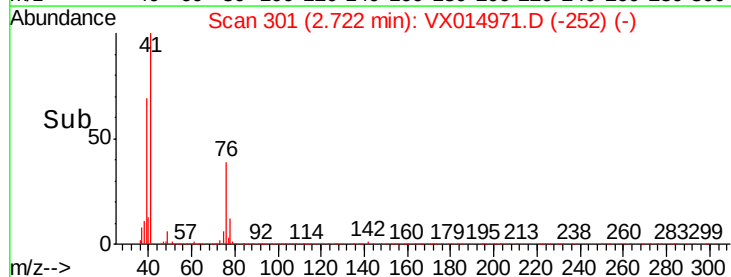
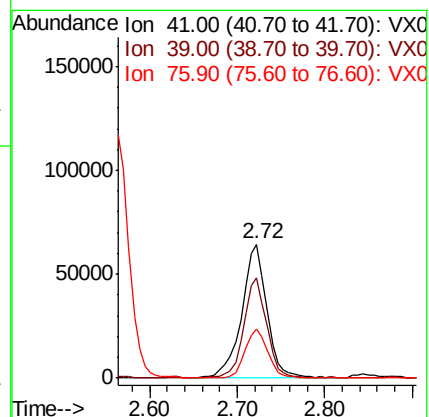
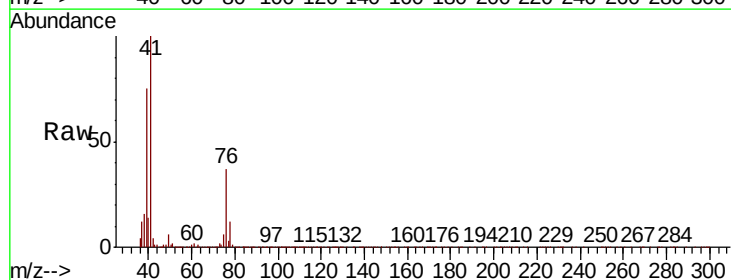
Tgt Ion: 41 Resp: 126595

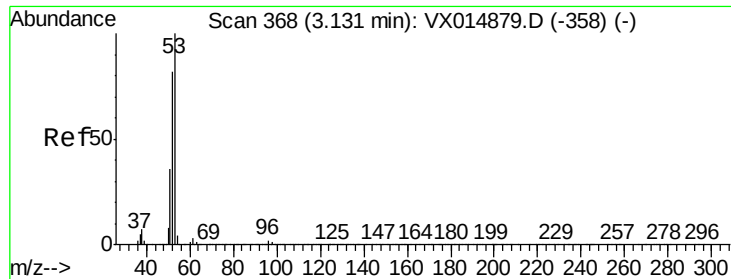
Ion Ratio Lower Upper

41 100

39 67.8 55.2 82.8

76 34.1 26.8 40.2

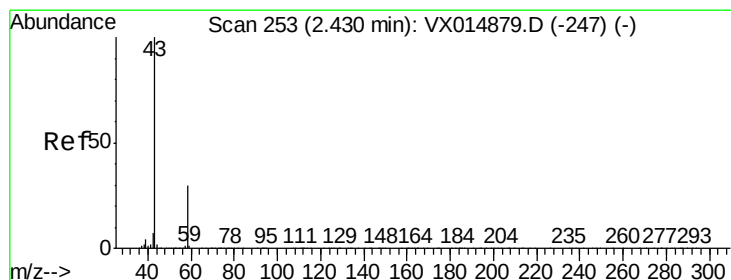
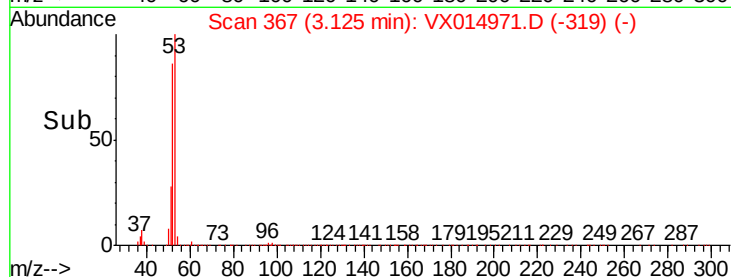
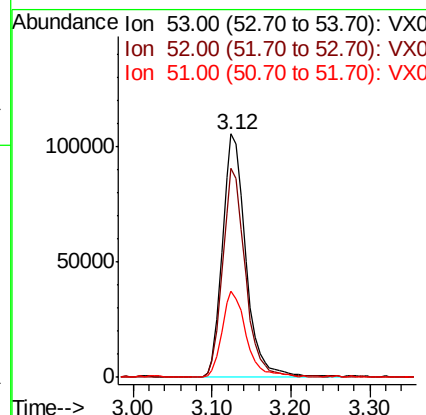
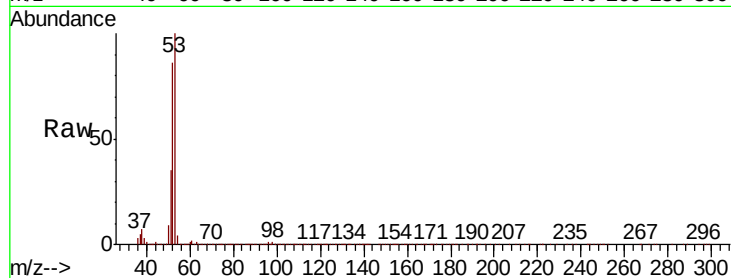




#15
 Acrylonitrile
 Concen: 101.772 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

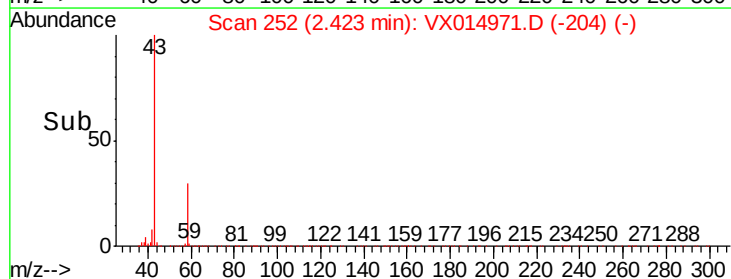
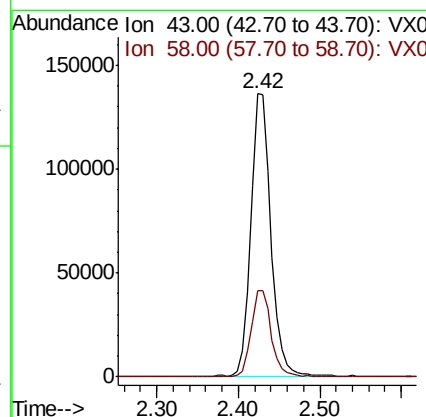
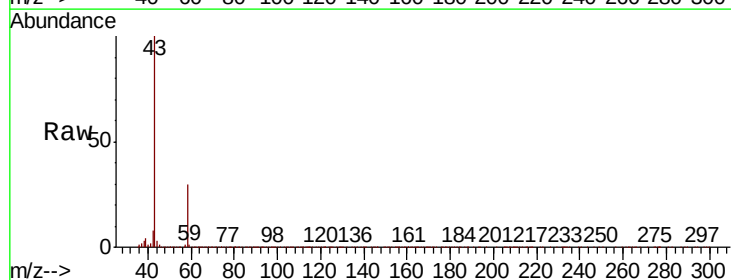
Instrument :
 MSVOA_X
 ClientSampled :

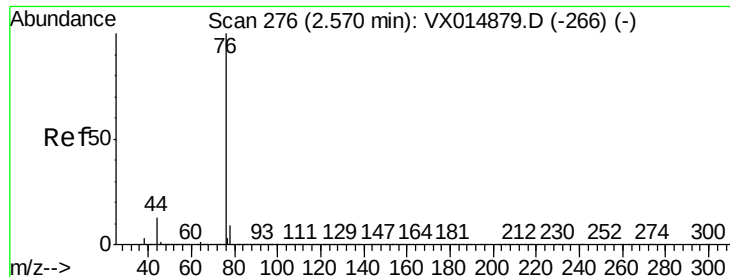
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	36.6	29.1	43.7



#16
 Acetone
 Concen: 84.636 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.1	36.1





#17

Carbon Disulfide

Concen: 17.391 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

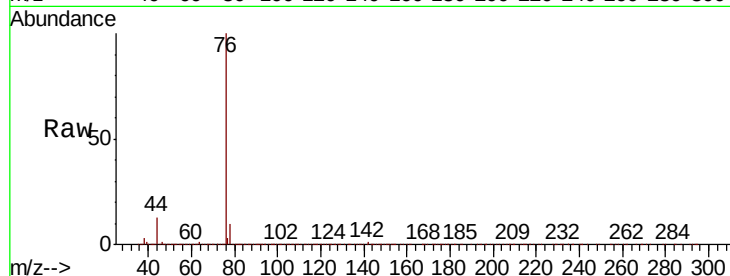
ClientSampleId :

Tot Ion: 76 Resp: 187709

Ion Ratio Lower Upper

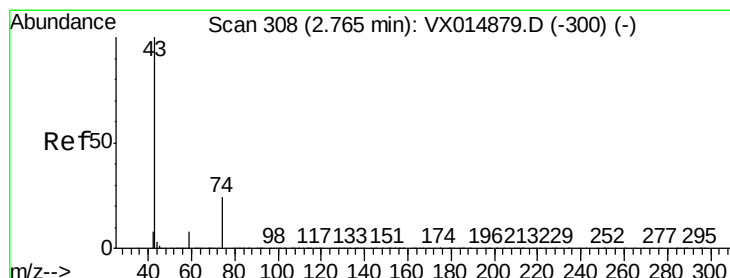
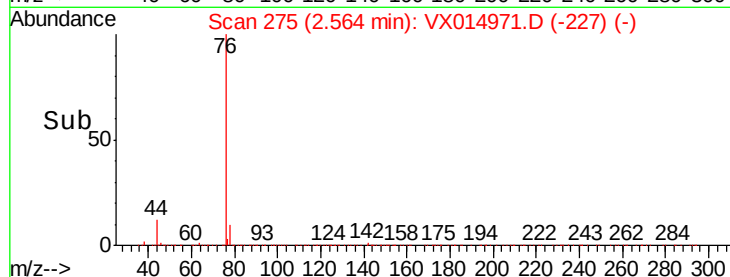
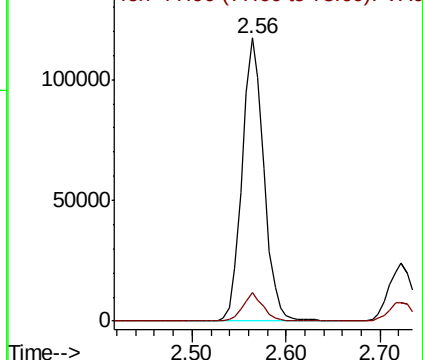
76 100

78 9.9 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: 20.927 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014971.D

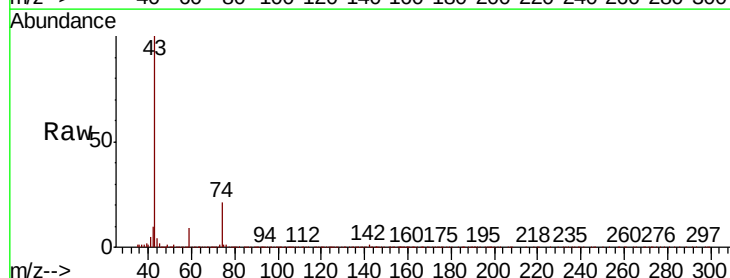
Acq: 20 Feb 2020 11:44

Tgt Ion: 43 Resp: 100251

Ion Ratio Lower Upper

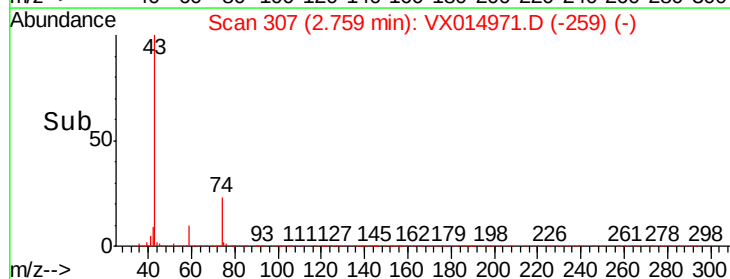
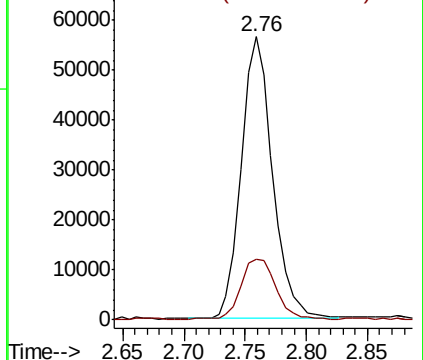
43 100

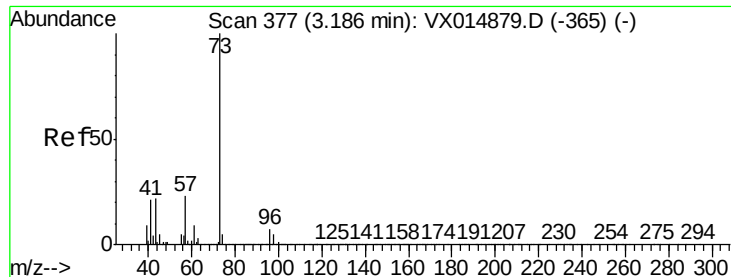
74 24.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

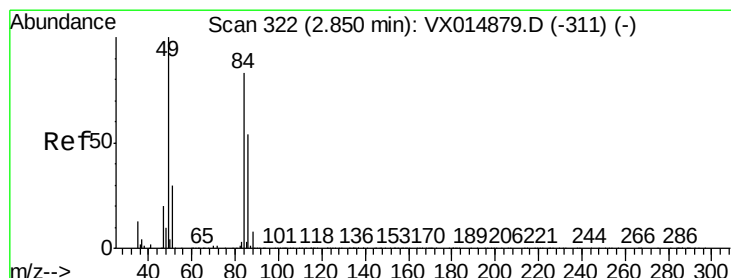
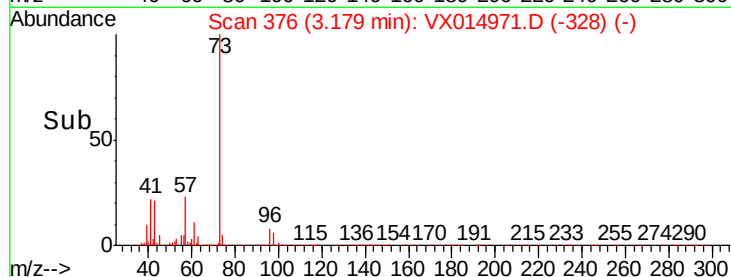
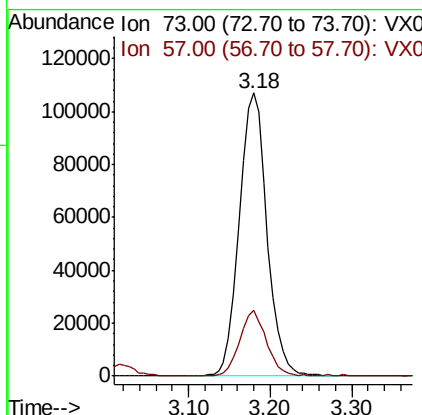
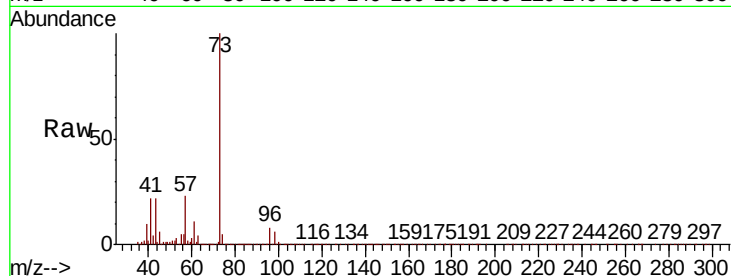




#19
Methyl tert-butyl Ether
Concen: 19.934 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

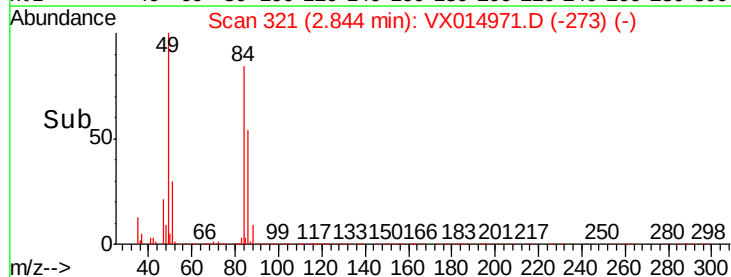
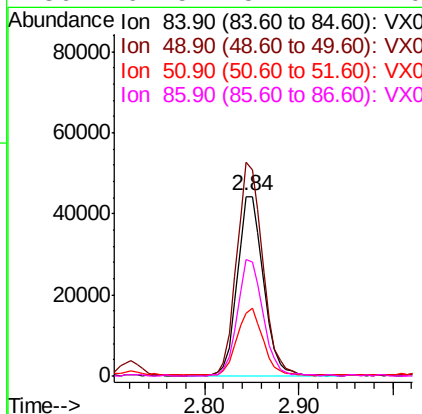
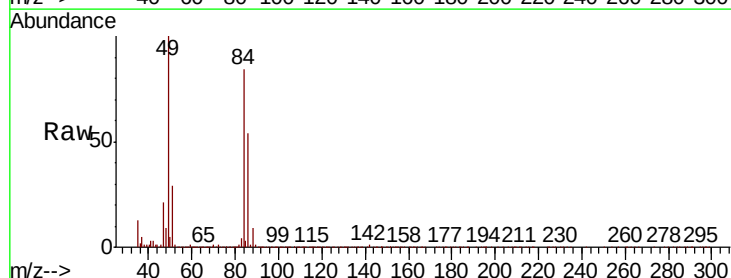
Instrument :
MSVOA_X
ClientSampleId :

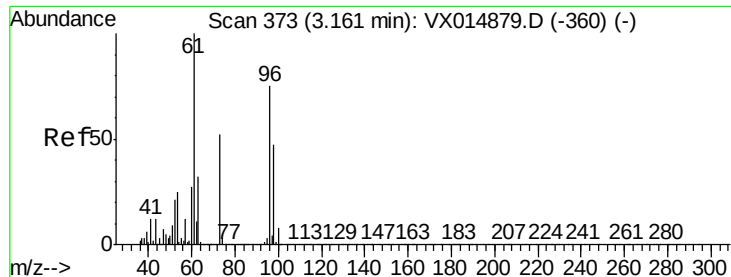
Tot Ion: 73 Resp: 250622
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4



#20
Methylene Chloride
Concen: 18.912 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 84 Resp: 86535
Ion Ratio Lower Upper
84 100
49 118.4 95.6 143.4
51 34.6 29.0 43.6
86 64.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.770 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

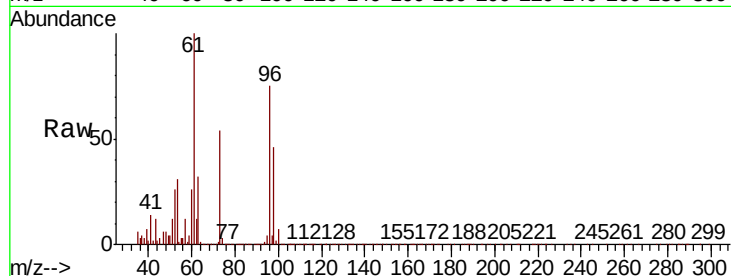
Tot Ion: 96 Resp: 80010

Ion Ratio Lower Upper

96 100

61 132.7 106.9 160.3

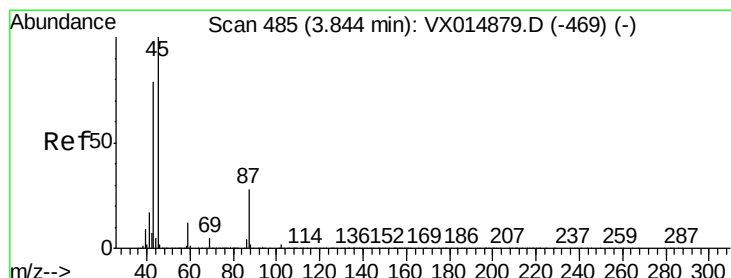
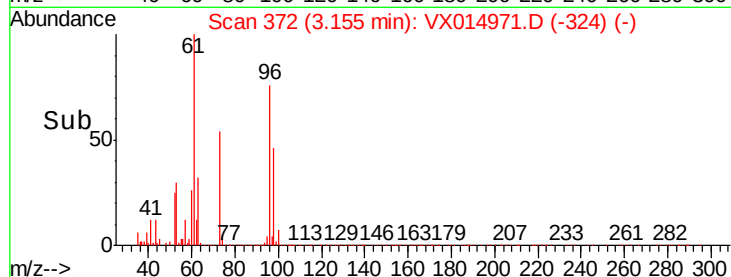
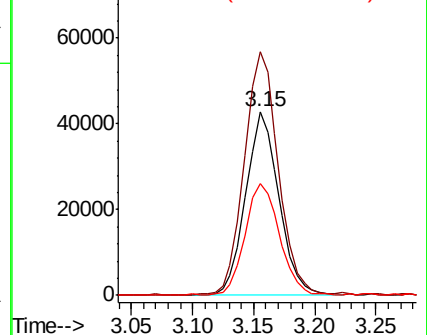
98 60.8 50.7 76.1



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: 20.359 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Tgt Ion: 45 Resp: 266324

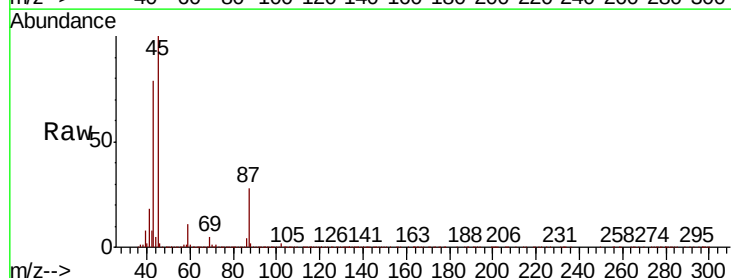
Ion Ratio Lower Upper

45 100

43 77.5 63.5 95.3

87 27.6 22.2 33.4

59 11.1 9.4 14.0

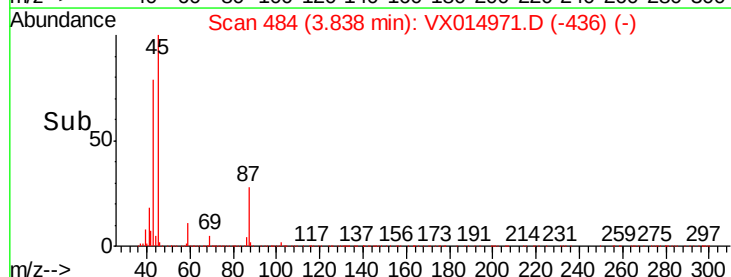
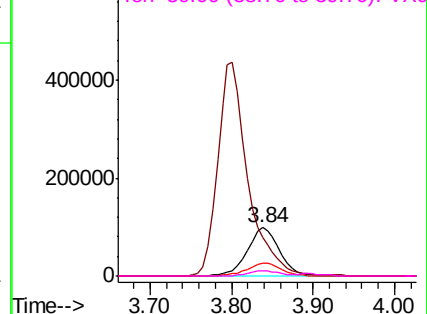


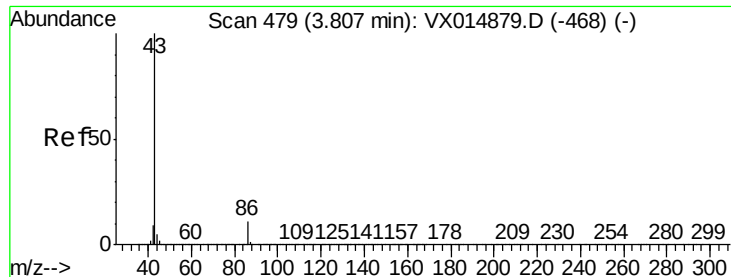
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 104.683 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

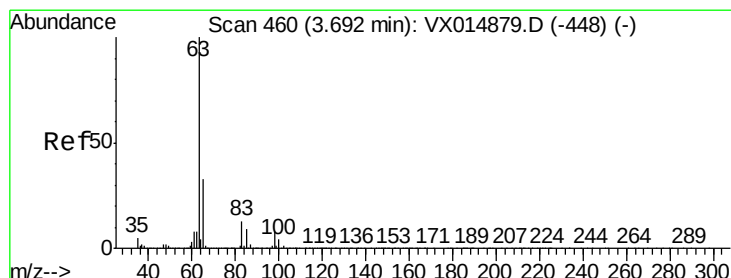
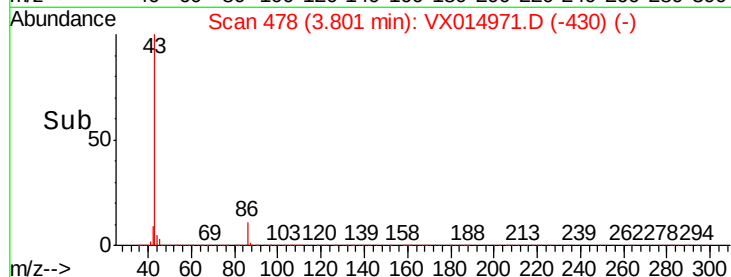
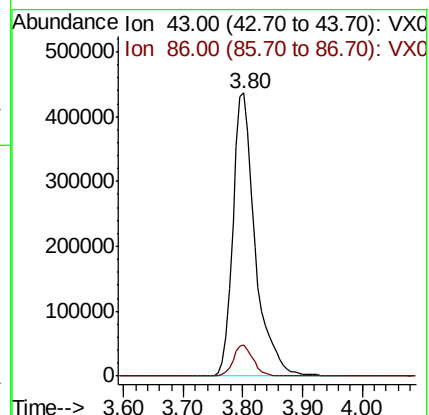
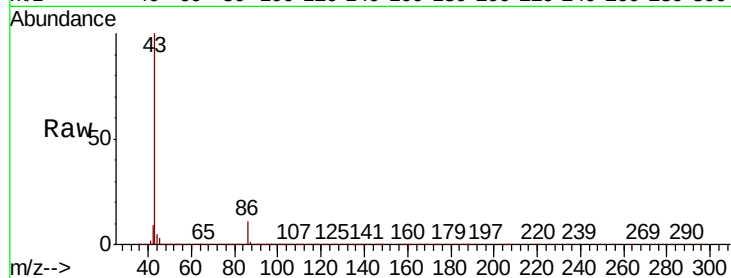
ClientSampleId :

Tot Ion: 43 Resp: 1128855

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.535 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

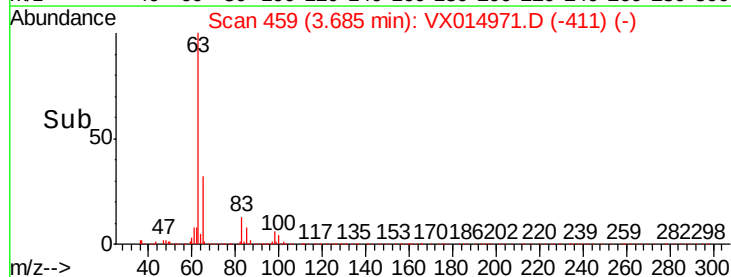
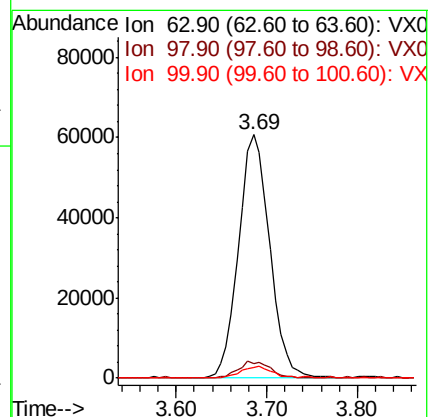
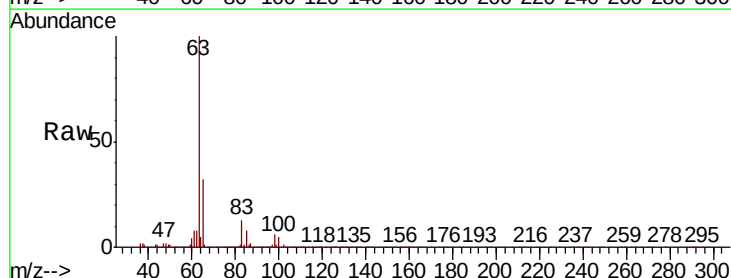
Tgt Ion: 63 Resp: 144225

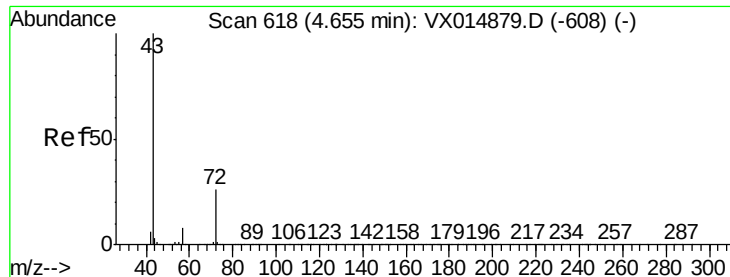
Ion Ratio Lower Upper

63 100

98 5.9 3.9 11.5

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 97.080 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

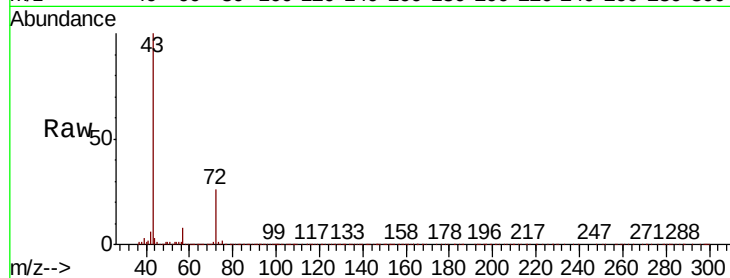
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 314366

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

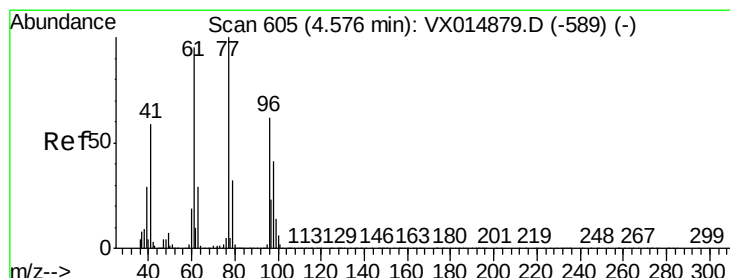
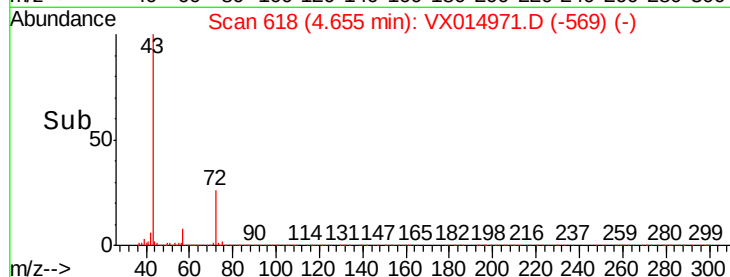
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.466 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014971.D

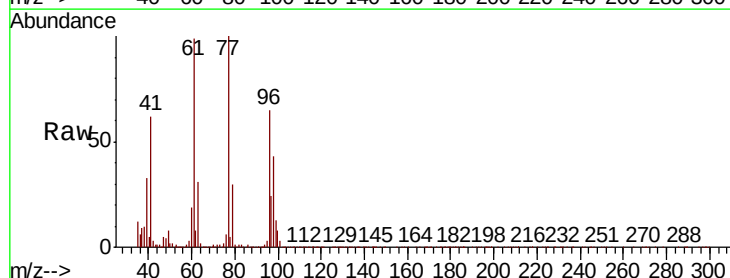
Acq: 20 Feb 2020 11:44

Tgt Ion: 77 Resp: 117490

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

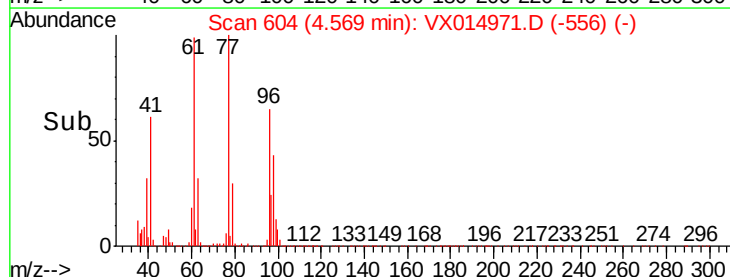
20000

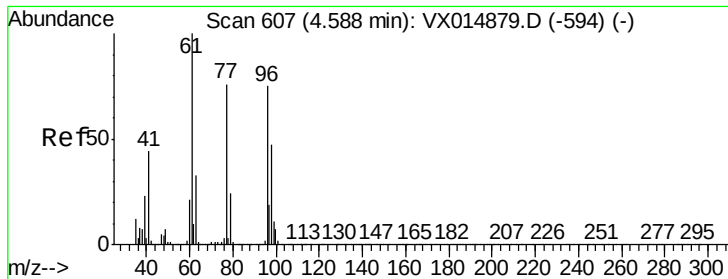
10000

0

4.40 4.50 4.60 4.70

Time-->



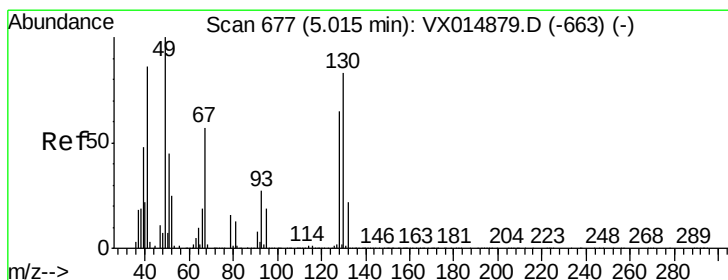
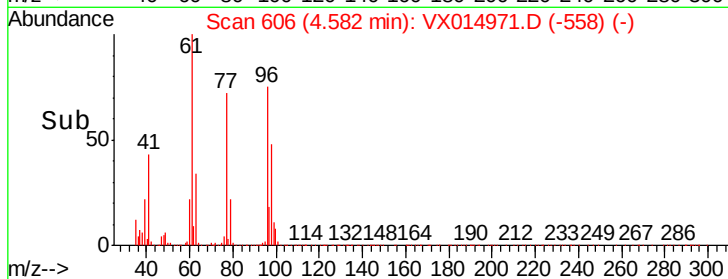
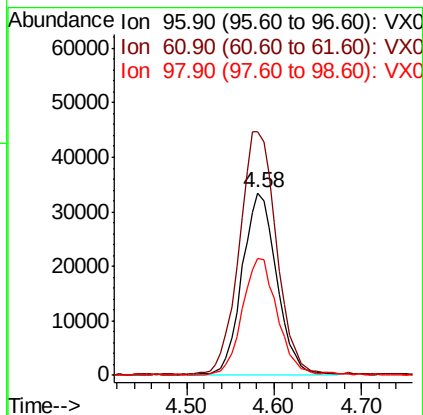
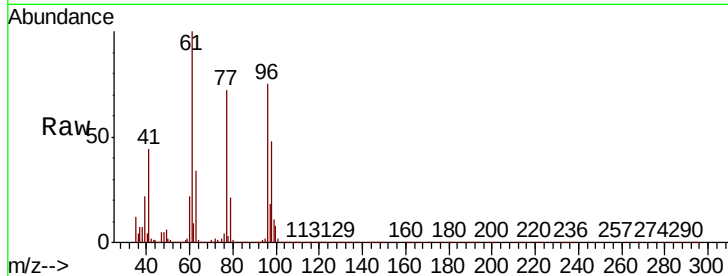


#27

cis-1,2-Dichloroethene
Concen: 19.206 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :

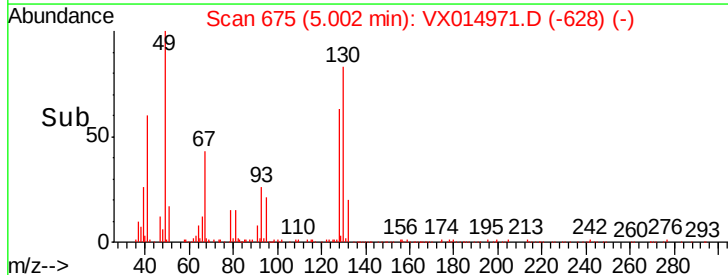
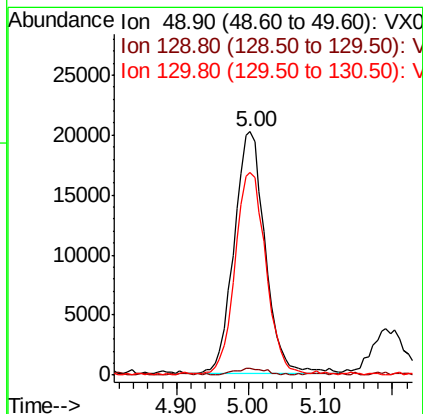
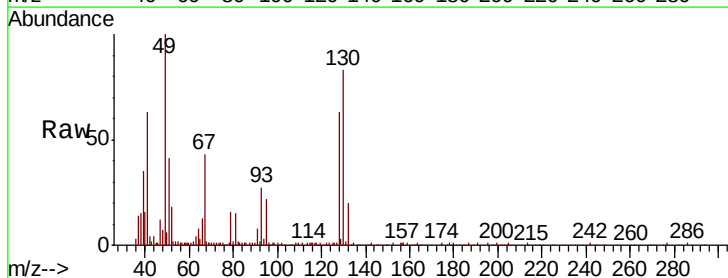
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	286.2
98	65.0	0.0	131.0

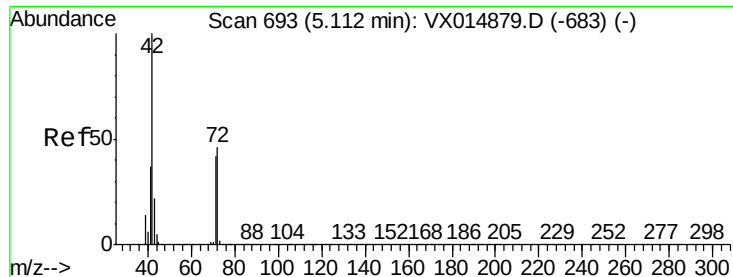


#28

Bromochloromethane
Concen: 21.030 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	82.4	67.4	101.2

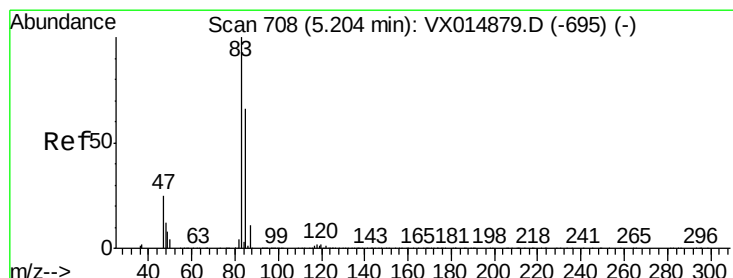
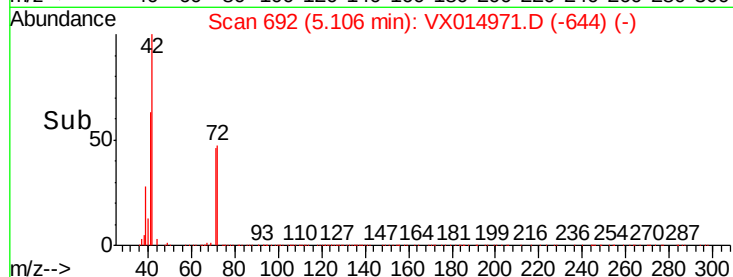
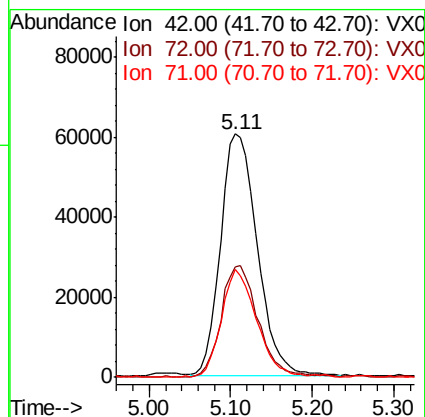
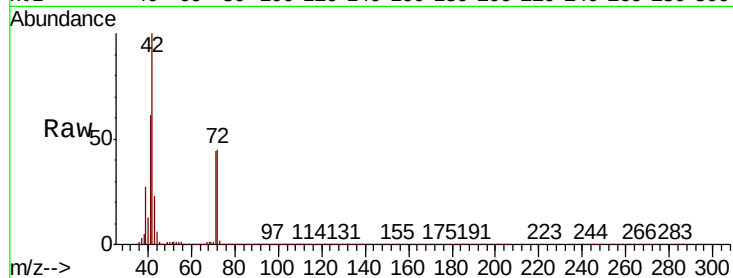




#29
Tetrahydrofuran
Concen: 102.634 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

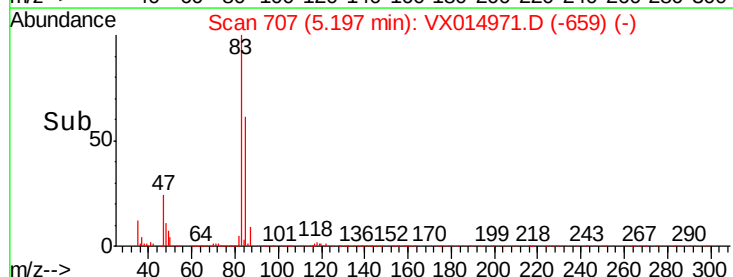
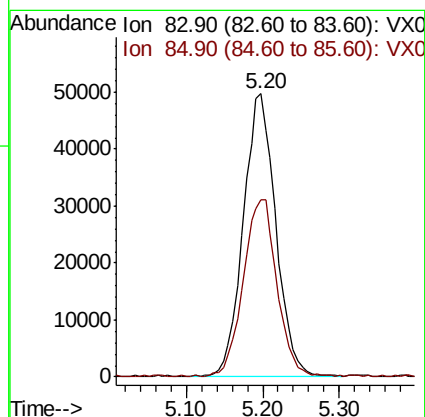
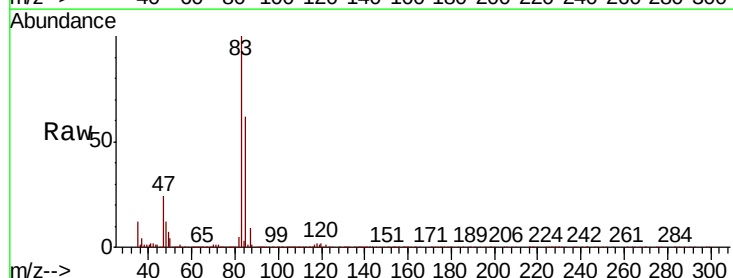
Instrument :
MSVOA_X
ClientSampleId :

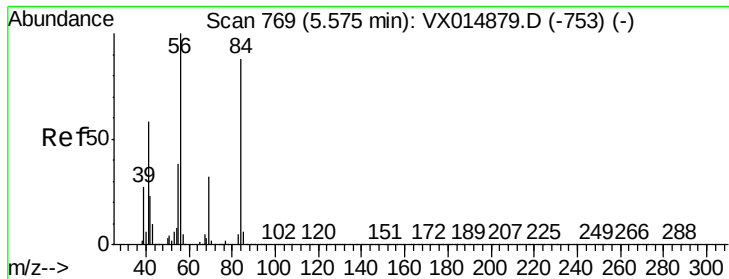
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.9	55.3
71	42.1	34.1	51.1



#30
Chloroform
Concen: 19.980 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.9	79.3

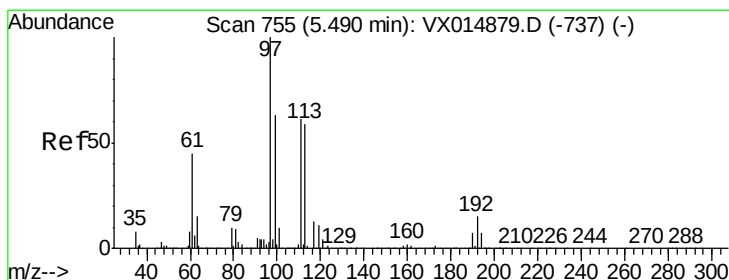
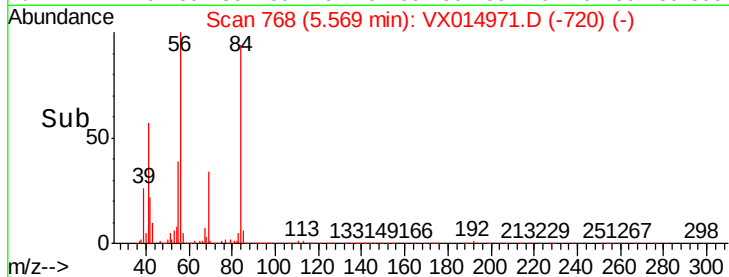
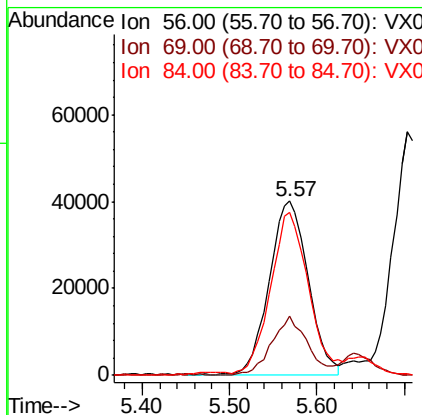
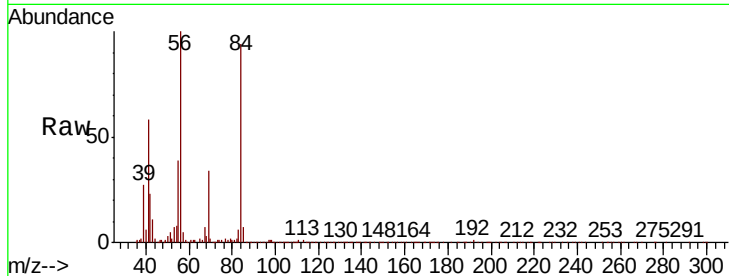




#31
Cyclohexane
Concen: 18.483 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

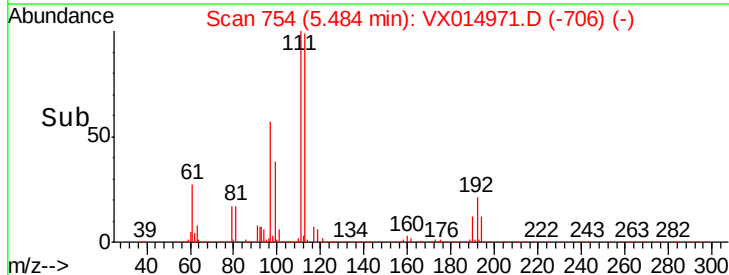
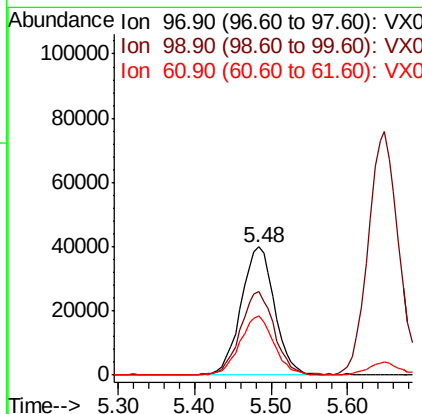
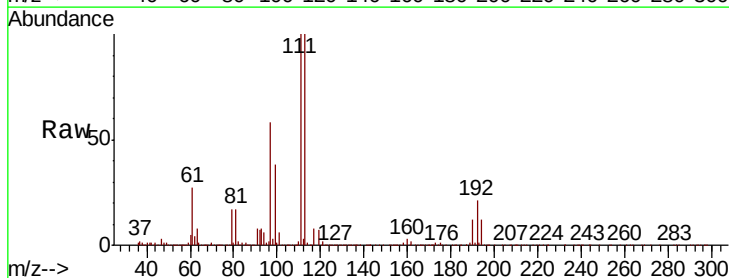
Instrument :
MSVOA_X
ClientSampleId :

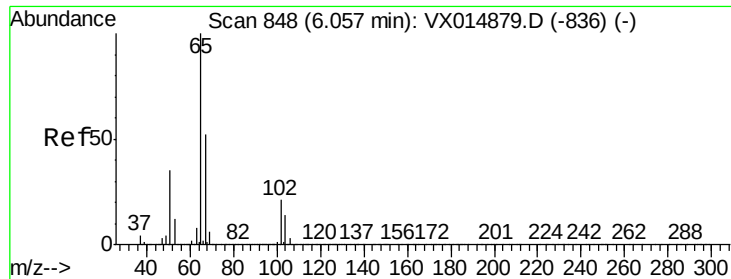
Tot Ion: 56 Resp: 124288
Ion Ratio Lower Upper
56 100
69 33.2 25.9 38.9
84 93.2 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.899 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 97 Resp: 121092
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 47.1 36.3 54.5

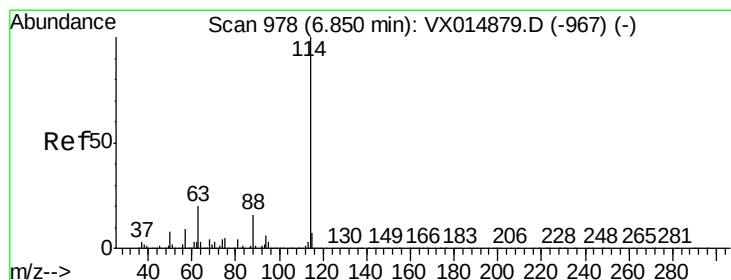
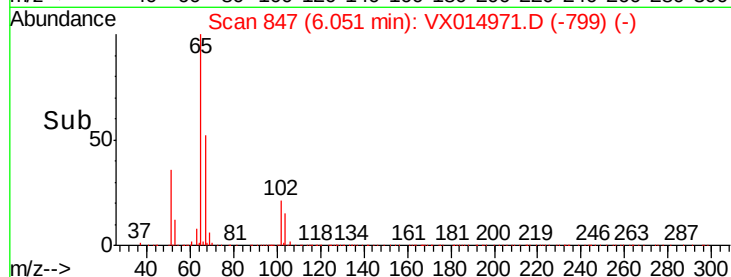
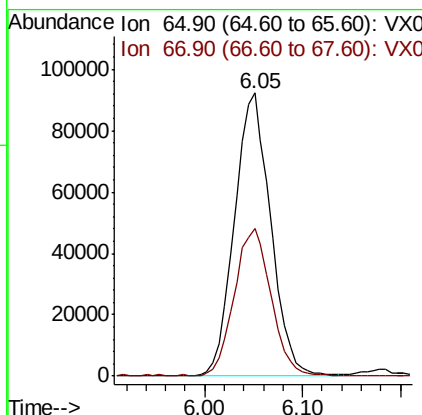
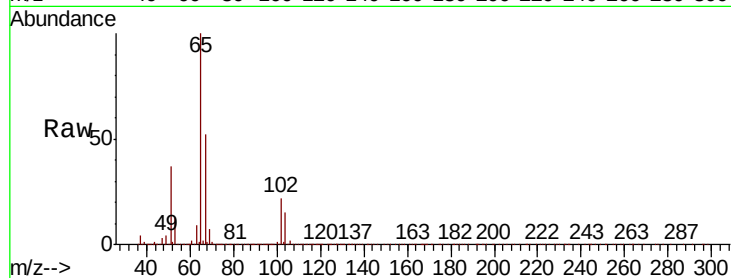




#33
 1,2-Dichloroethane-d4
 Concen: 49.506 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

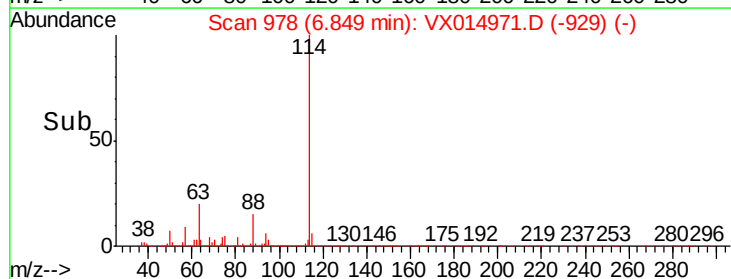
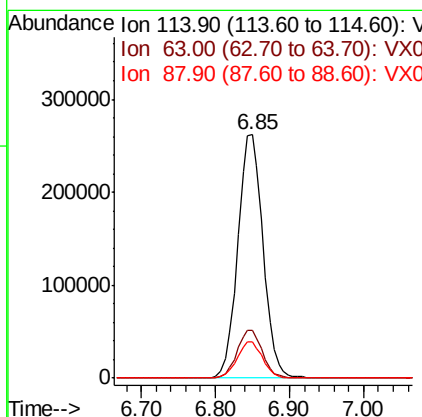
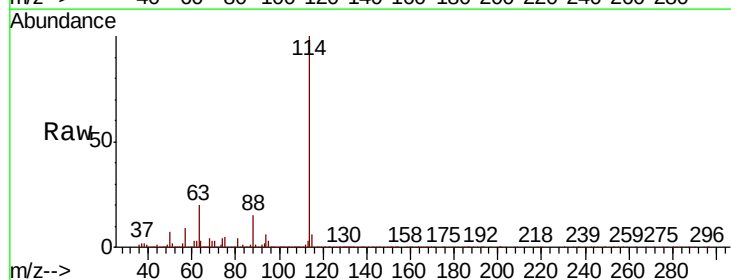
Instrument :
 MSVOA_X
 ClientSampleId :

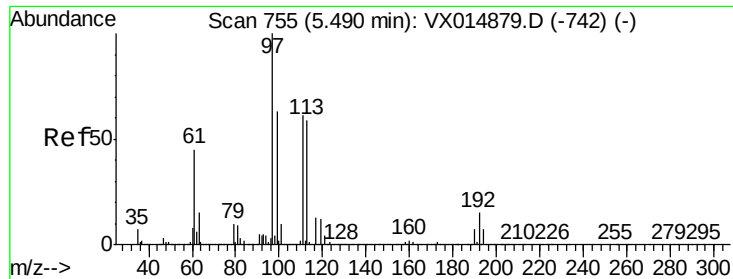
Tot Ion: 65 Resp: 235474
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion: 114 Resp: 624656
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.907 ug/l

RT: 5.48 min Scan# 754

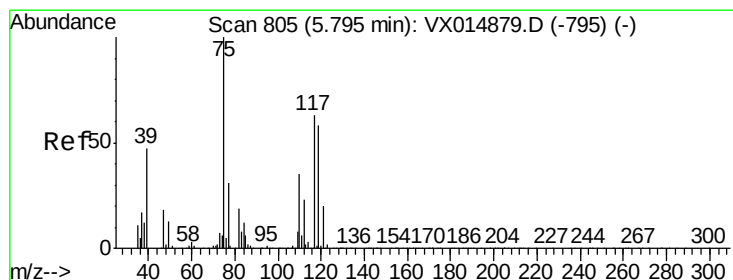
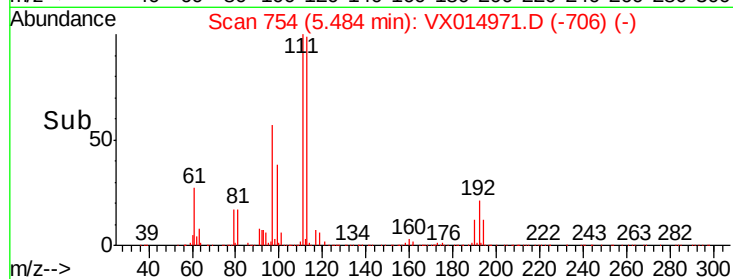
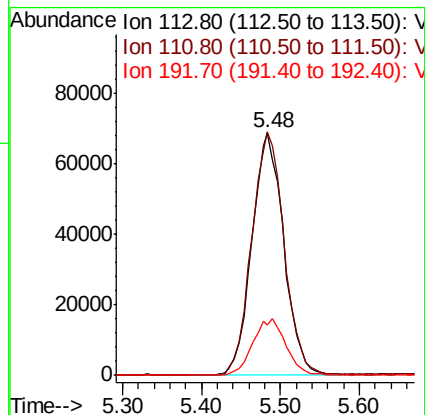
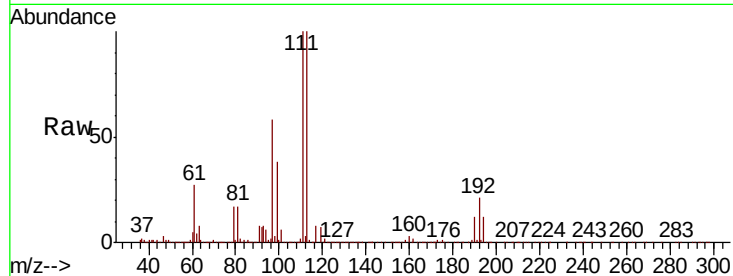
Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	191653
Ion Ratio	Lower	Upper
113	100	
111	102.9	82.4 123.6
192	24.2	19.1 28.7



#36

1,1-Dichloropropene

Concen: 18.991 ug/l

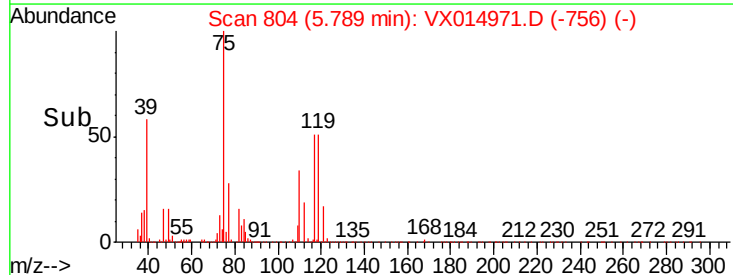
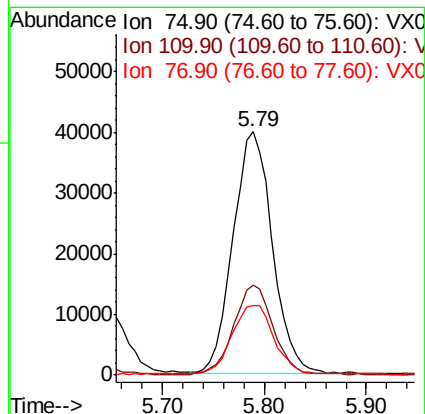
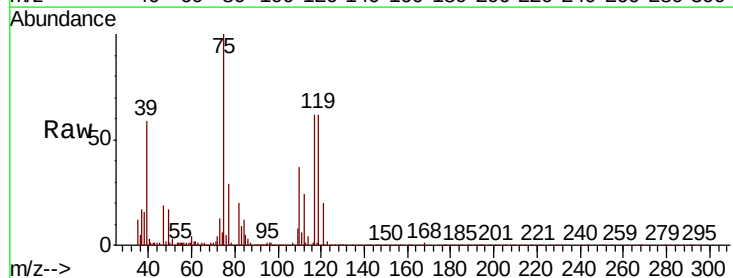
RT: 5.79 min Scan# 804

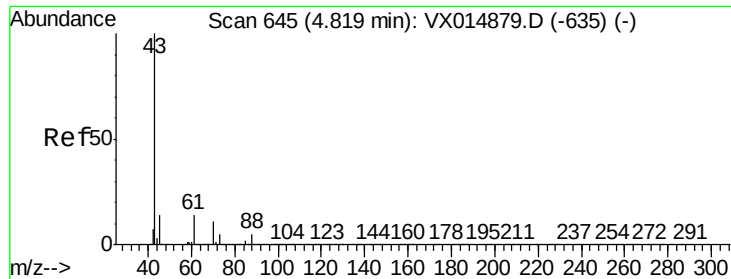
Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Tgt Ion: 75	Resp:	106118
Ion Ratio	Lower	Upper
75	100	
110	37.9	18.3 54.8
77	30.4	24.6 36.8

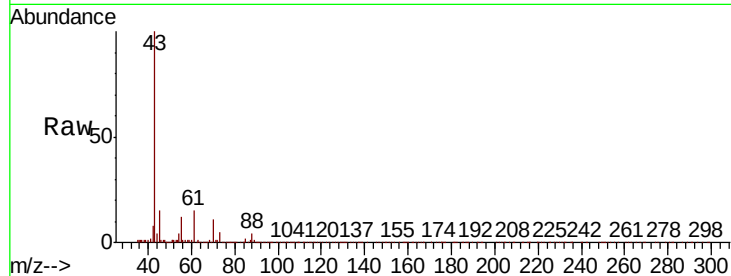




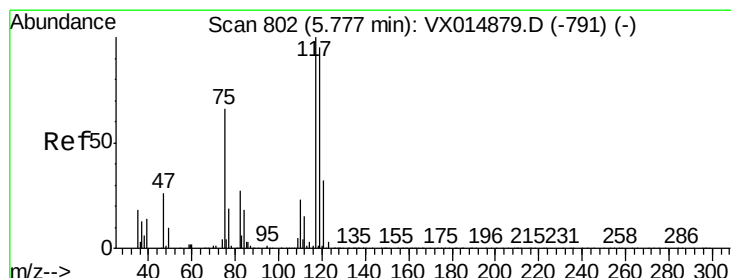
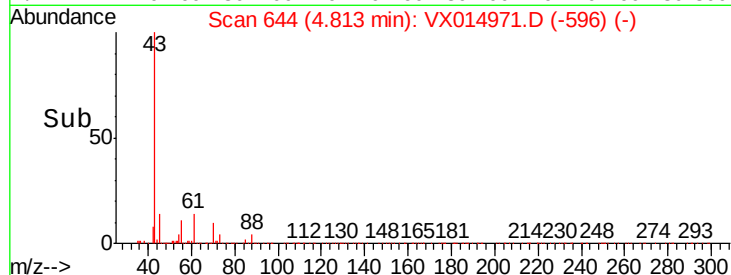
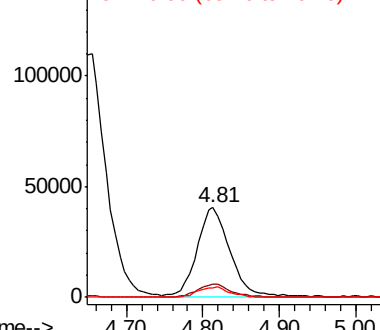
#37
Ethyl Acetate
Concen: 20.311 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 118373
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 10.6 8.7 13.1

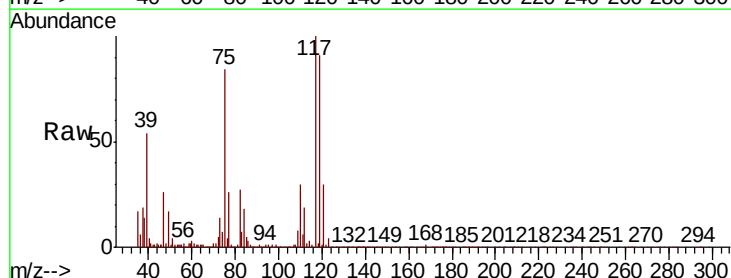


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

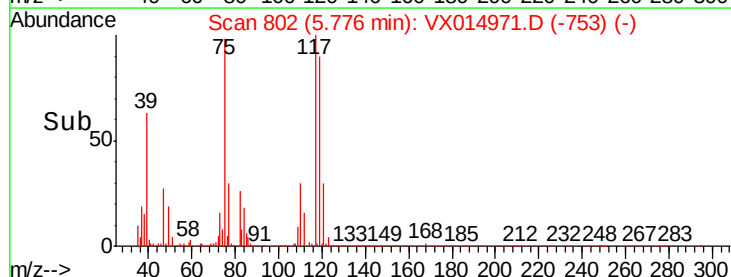
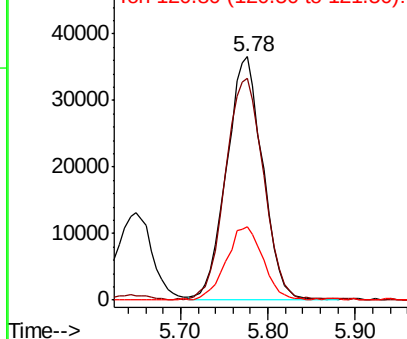


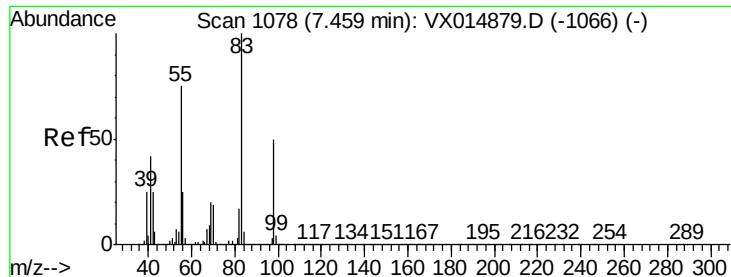
#38
Carbon Tetrachloride
Concen: 19.328 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 117 Resp: 105251
Ion Ratio Lower Upper
117 100
119 90.8 76.0 114.0
121 30.2 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

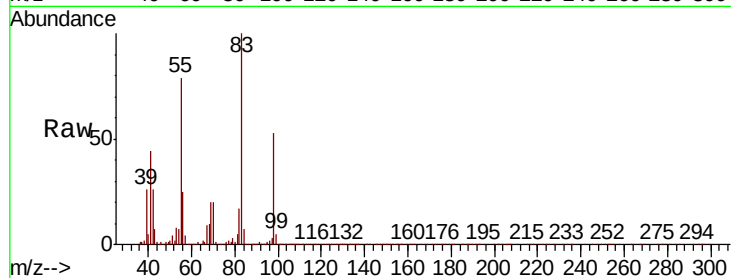




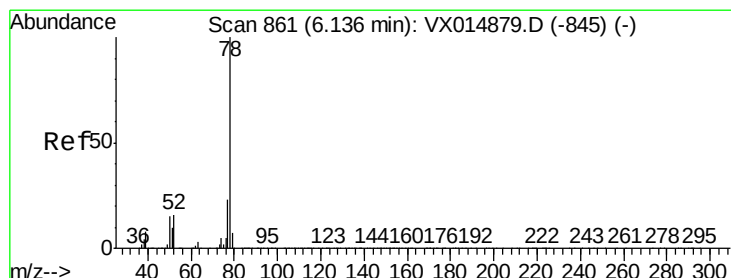
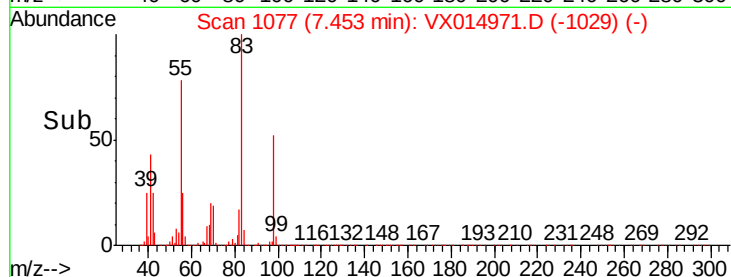
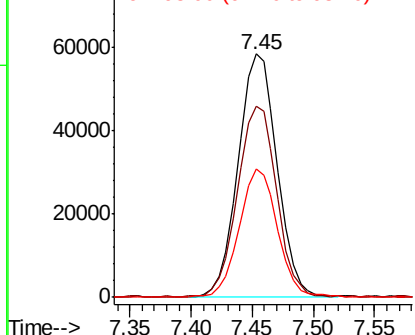
#39
Methylvlcyclohexane
Concen: 18.448 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	83	Resp	128921
Ion Ratio	Lower	Upper	
83	100		
55	78.2	60.0	90.0
98	52.4	39.6	59.4

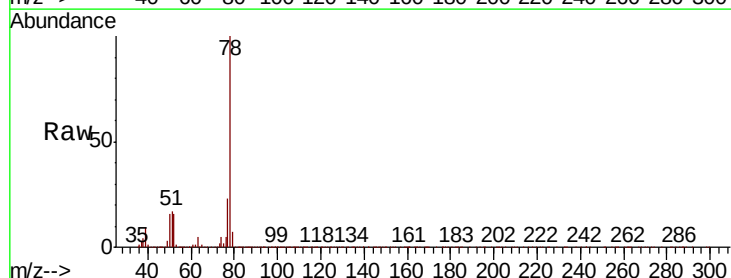


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

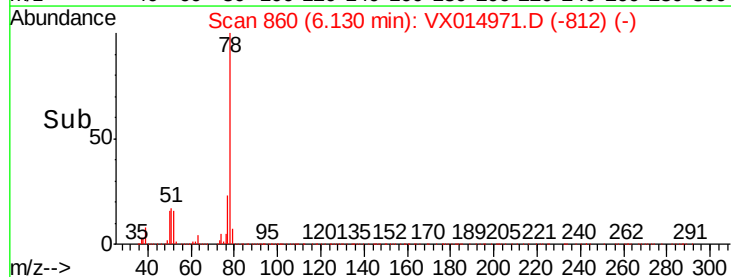
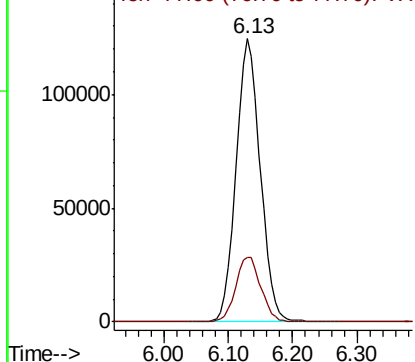


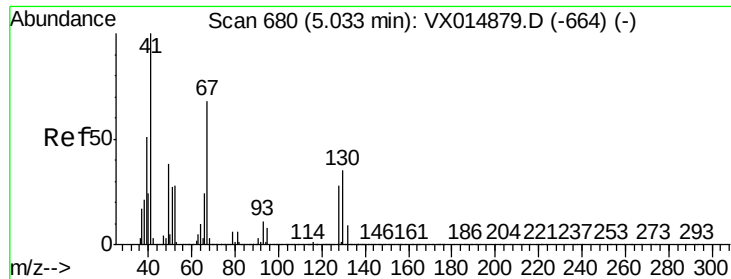
#40
Benzene
Concen: 19.446 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion	78	Resp	324648
Ion Ratio	Lower	Upper	
78	100		
77	22.9	18.8	28.2



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

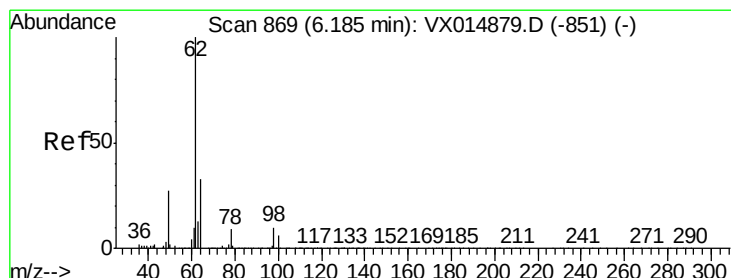
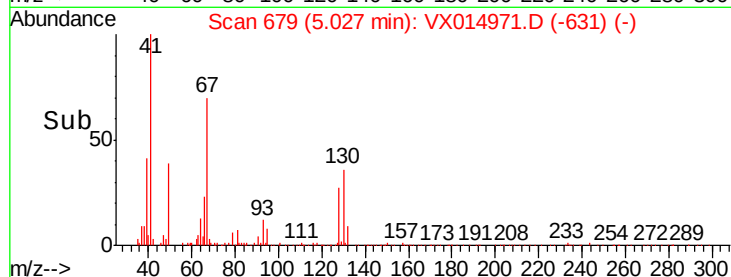
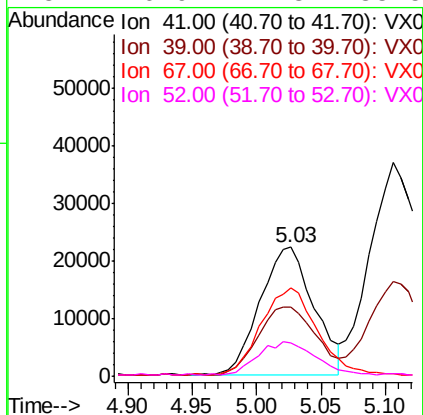
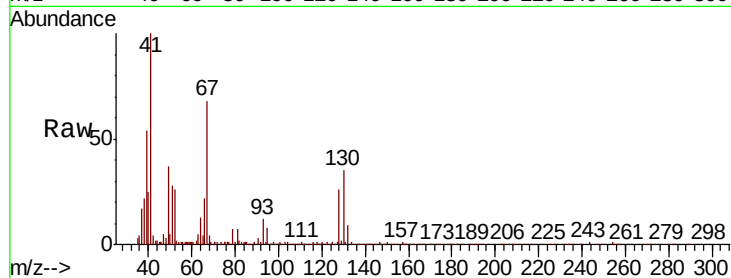




#41
Methacrylonitrile
Concen: 20.617 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

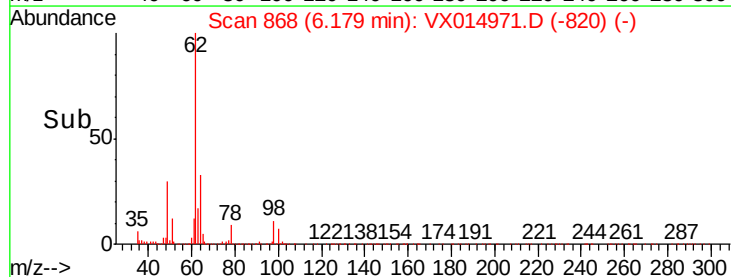
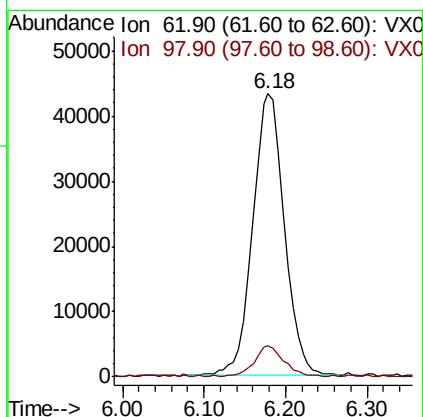
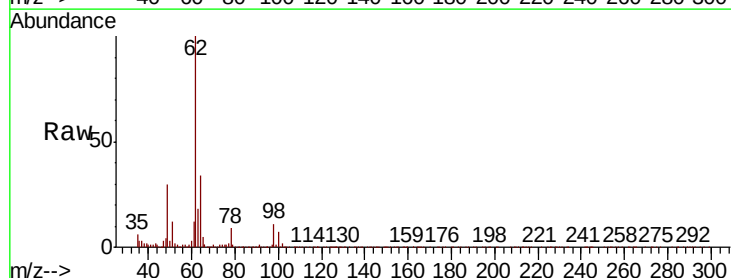
Instrument :
MSVOA_X
ClientSampleId :

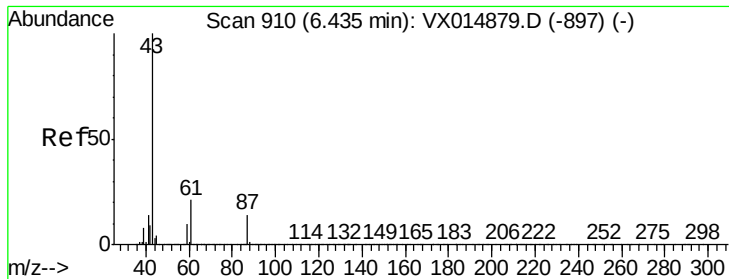
Tot Ion	41	Resp:	64729
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.7	67.1
67	71.1	56.6	84.8
52	26.9	22.3	33.5



#42
1,2-Dichloroethane
Concen: 19.495 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion	62	Resp:	117635
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2



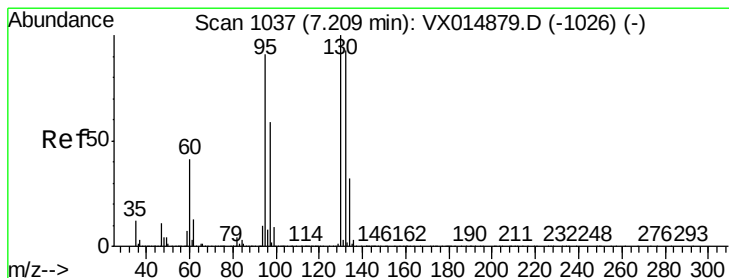
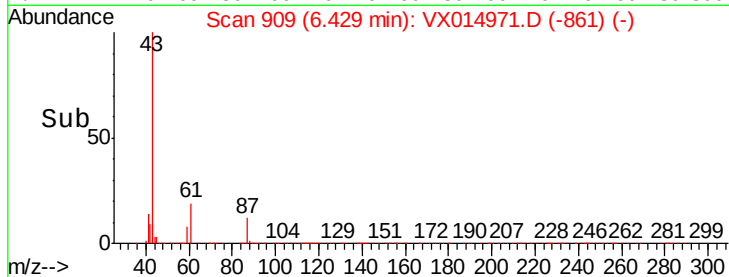
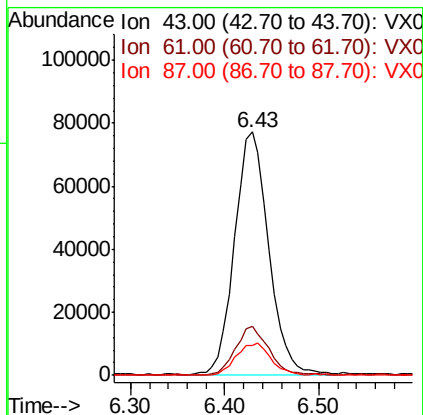
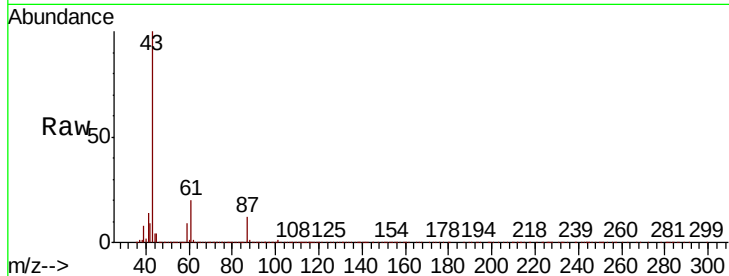


#43

Isopropyl Acetate
 Concen: 20.238 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :

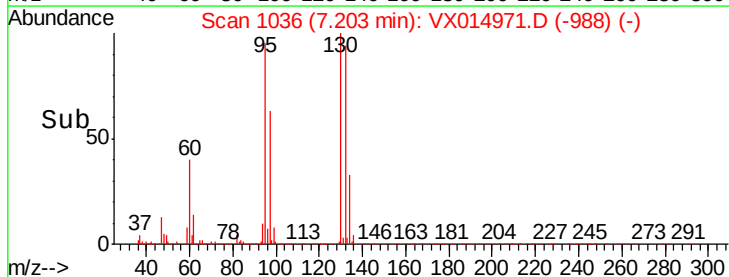
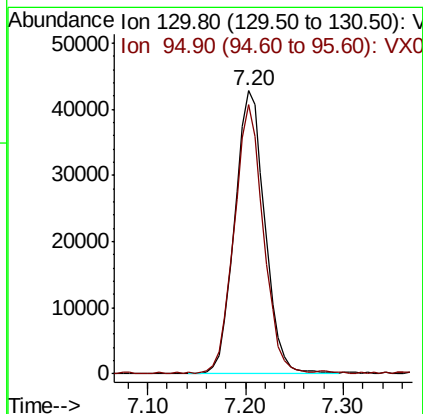
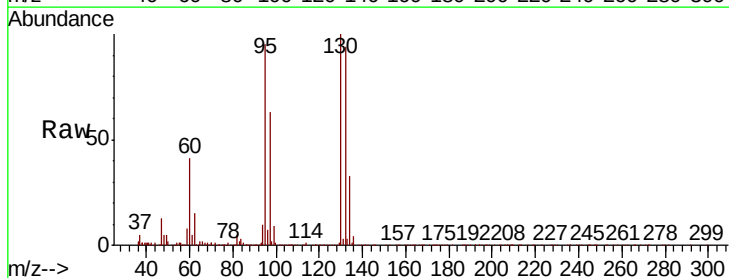
Tot Ion	43	Resp	194568
Ion Ratio	Lower	Upper	
43	100		
61	19.4	16.2	24.4
87	13.4	11.0	16.6

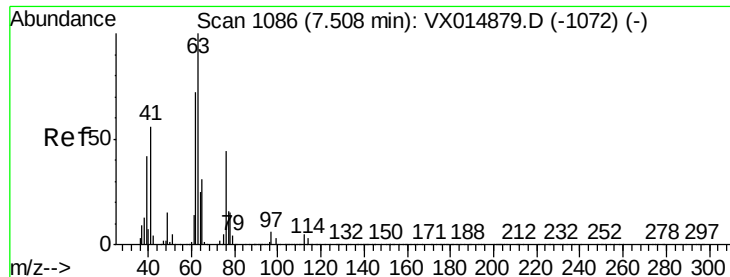


#44

Trichloroethene
 Concen: 18.837 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion	130	Resp	91296
Ion Ratio	Lower	Upper	
130	100		
95	94.8	0.0	182.6

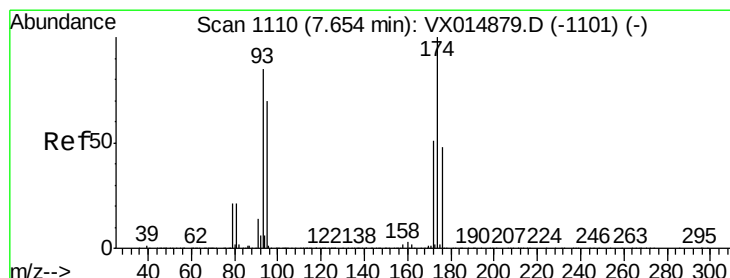
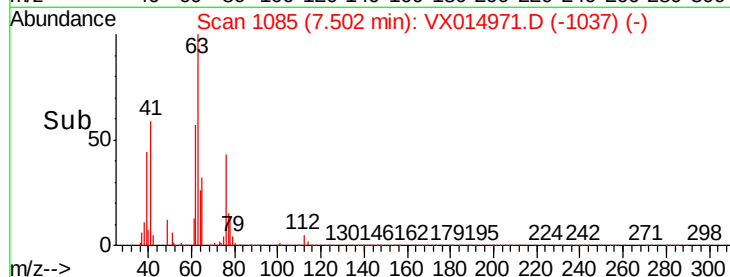
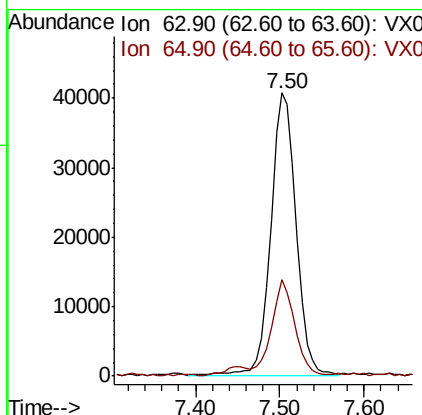
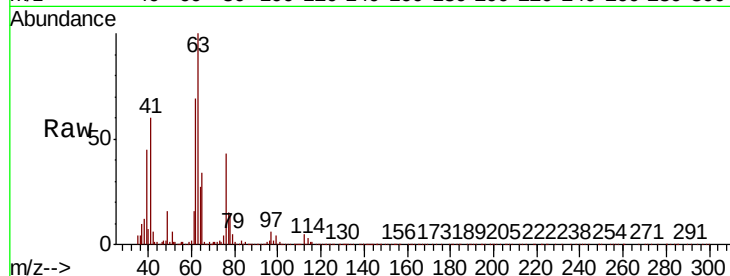




#45
 1,2-Dichloropropane
 Concen: 19.830 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

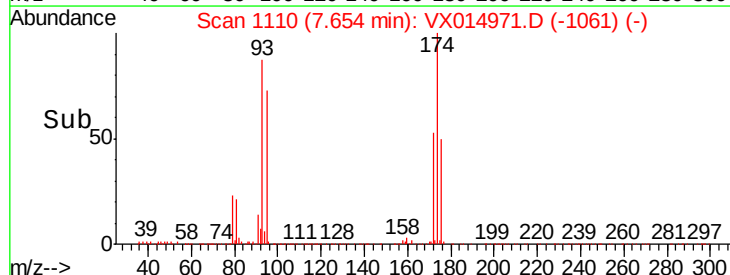
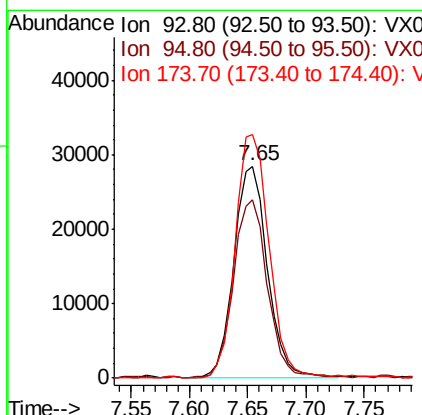
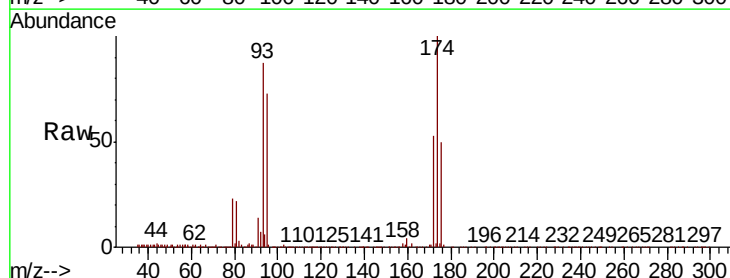
Instrument :
 MSVOA_X
 ClientSampleId :

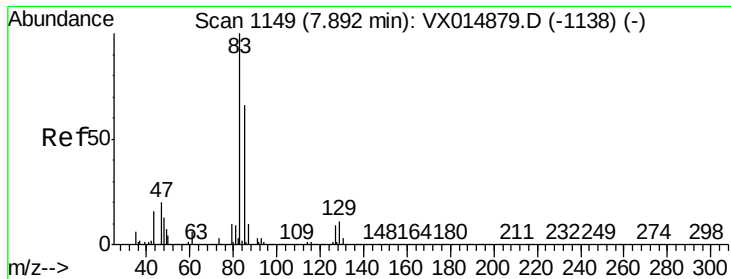
Tot Ion: 63 Resp: 84433
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.9 37.3



#46
 Dibromomethane
 Concen: 19.628 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion: 93 Resp: 57127
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.8 98.8
 174 115.7 95.4 143.2





#47

Bromodichloromethane

Concen: 19.565 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :

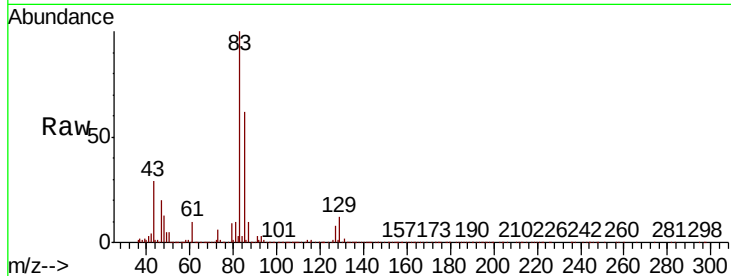
Tot Ion: 83 Resp: 112903

Ion Ratio Lower Upper

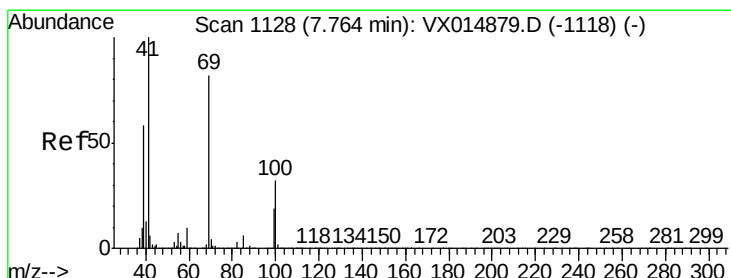
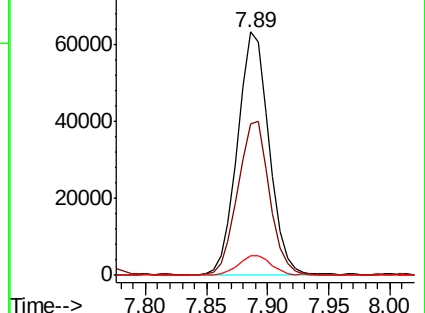
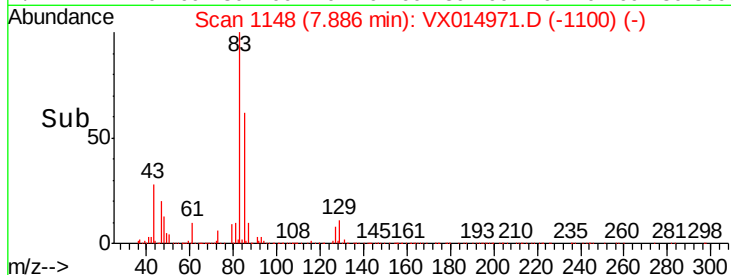
83 100

85 62.3 52.5 78.7

127 8.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.629 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

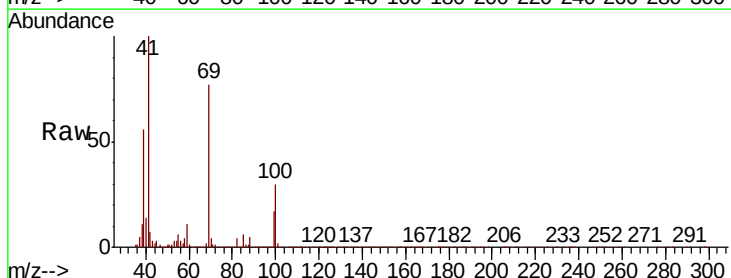
Tgt Ion: 41 Resp: 92870

Ion Ratio Lower Upper

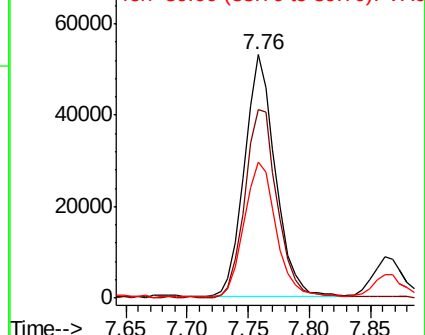
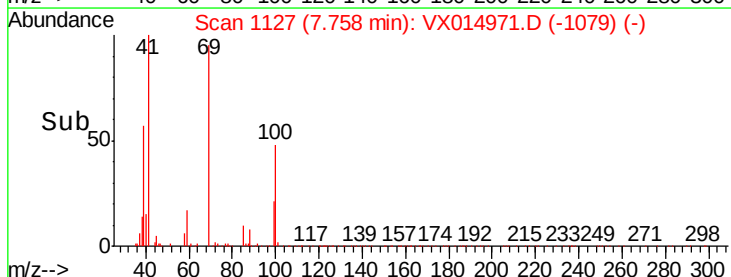
41 100

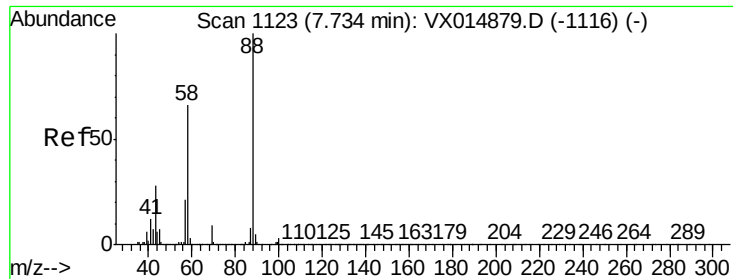
69 81.6 65.7 98.5

39 57.1 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

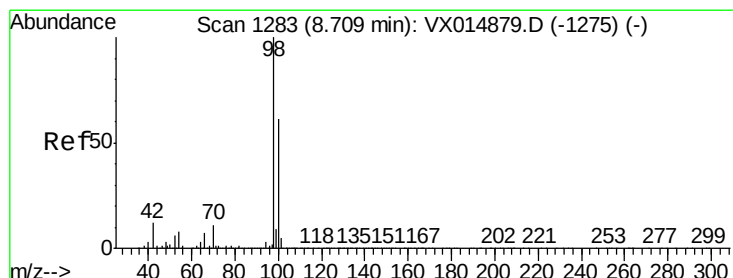
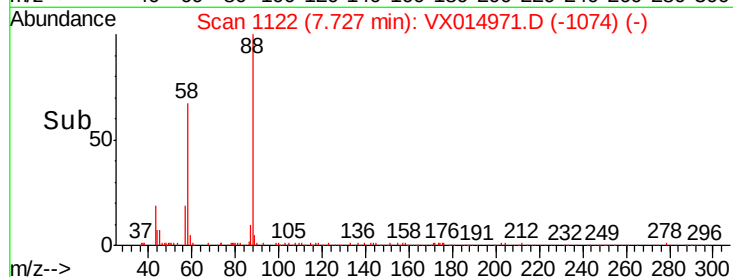
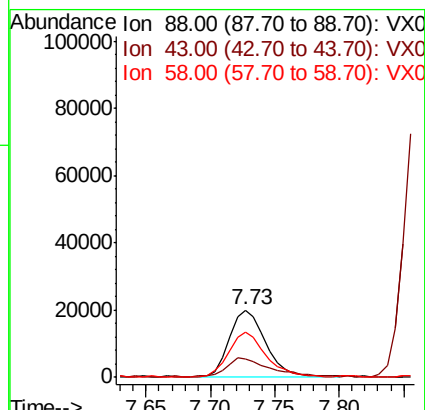
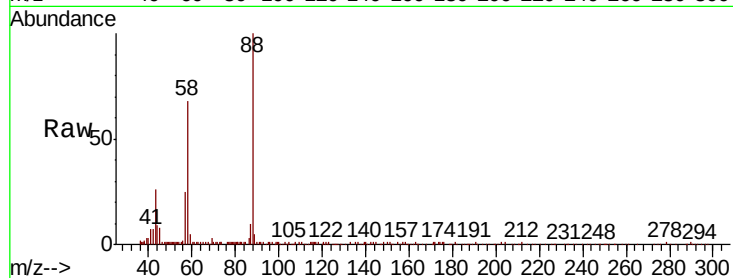




#49
1,4-Dioxane
Concen: 437.944 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

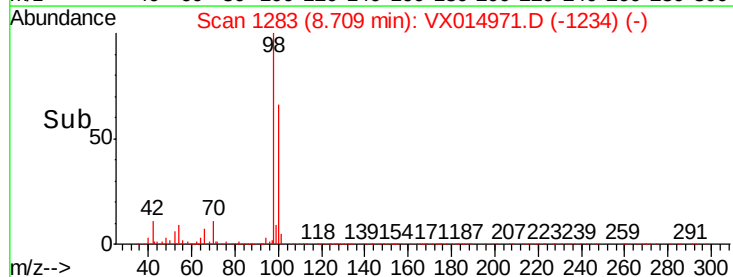
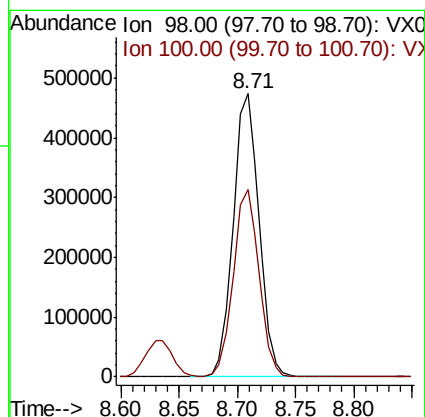
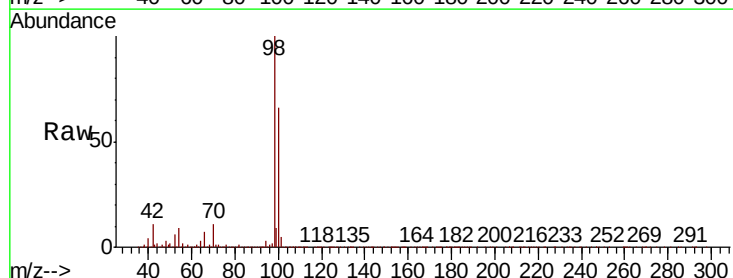
Instrument :
MSVOA_X
ClientSampleId :

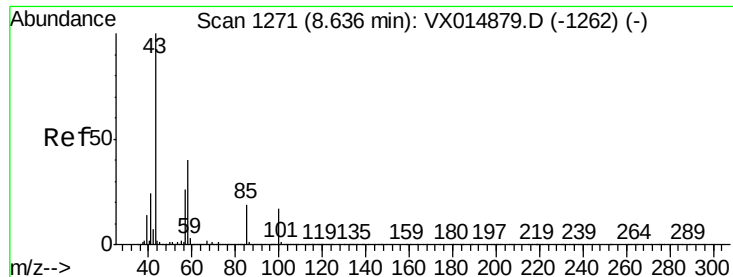
Tot Ion: 88 Resp: 38741
Ion Ratio Lower Upper
88 100
43 37.0 27.0 40.4
58 68.3 53.2 79.8



#50
Toluene-d8
Concen: 49.949 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 98 Resp: 732179
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 103.094 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

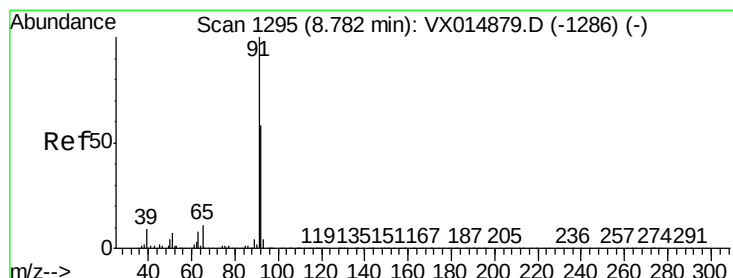
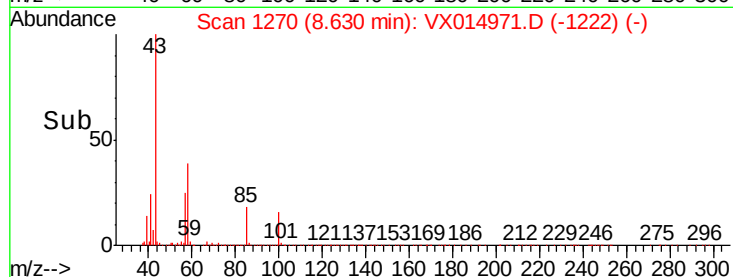
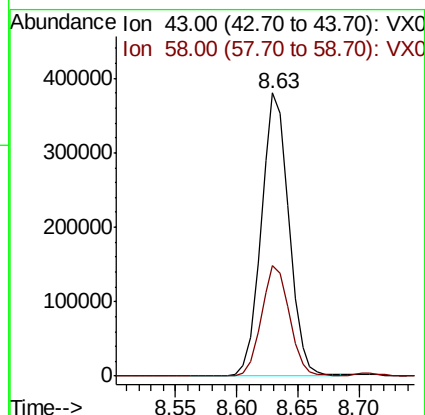
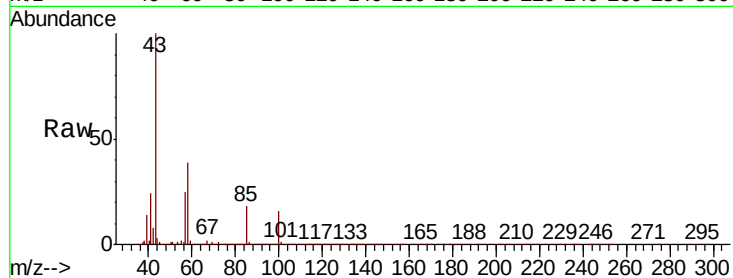
ClientSampleId :

Tot Ion: 43 Resp: 598469

Ion Ratio Lower Upper

43 100

58 39.6 31.9 47.9



#52

Toluene

Concen: 19.378 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014971.D

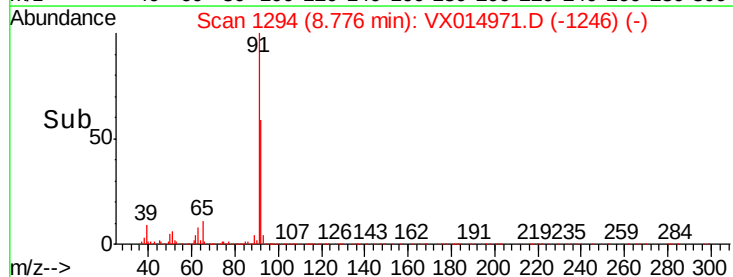
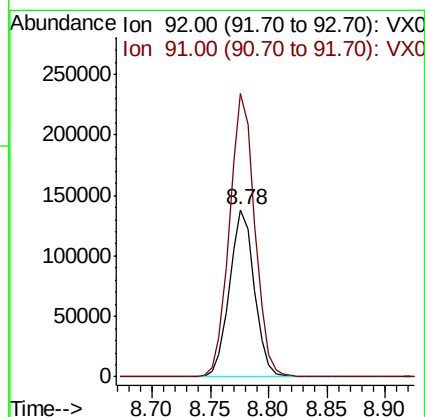
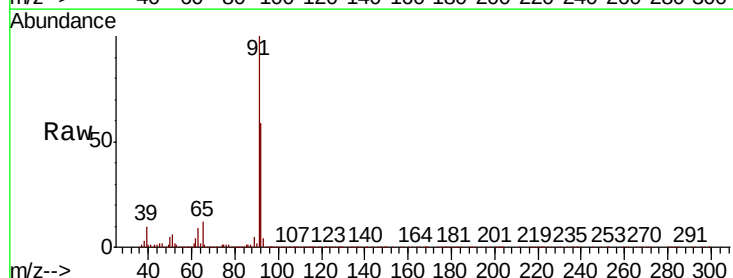
Acq: 20 Feb 2020 11:44

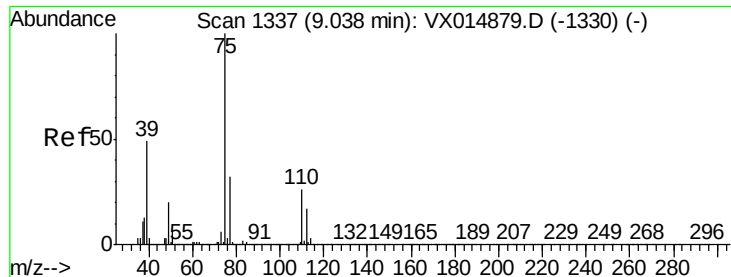
Tgt Ion: 92 Resp: 205480

Ion Ratio Lower Upper

92 100

91 171.7 137.0 205.4

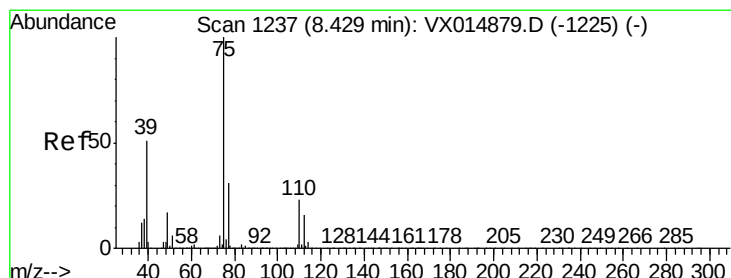
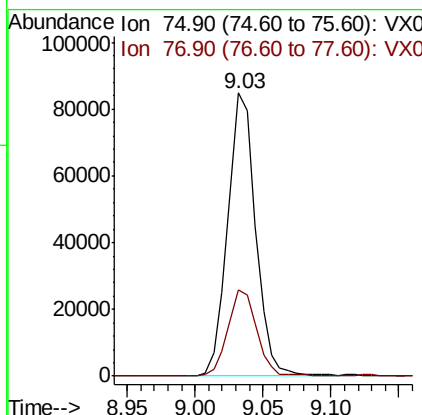
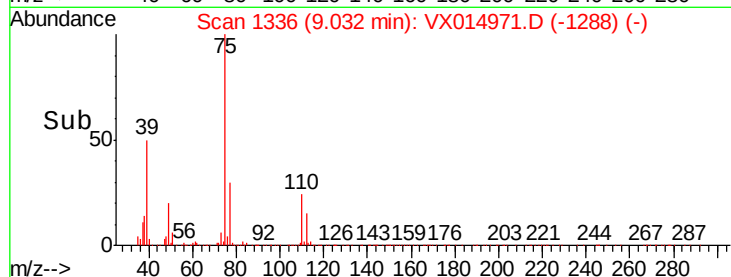
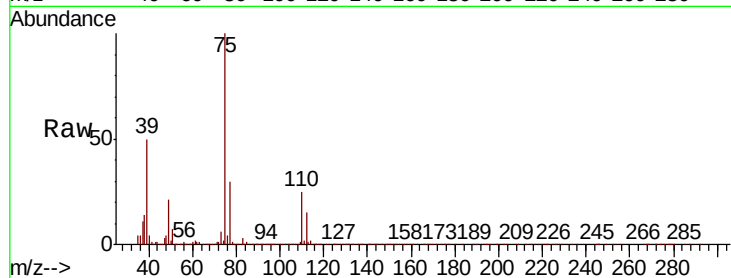




#53
t-1,3-Dichloropropene
Concen: 19.181 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

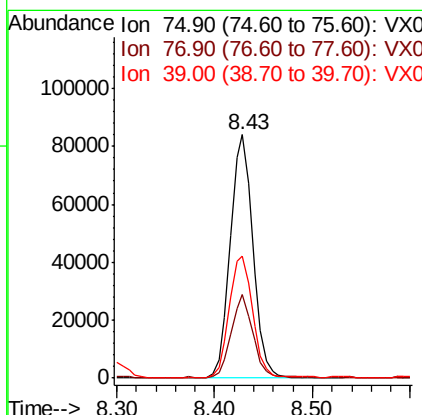
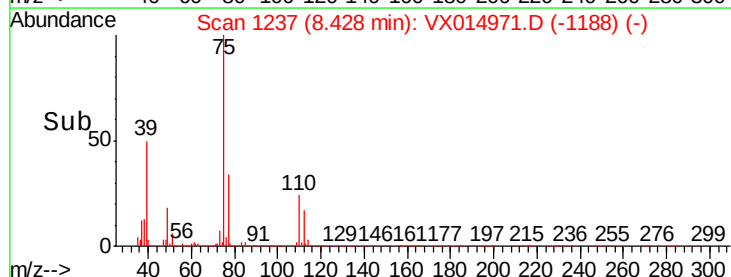
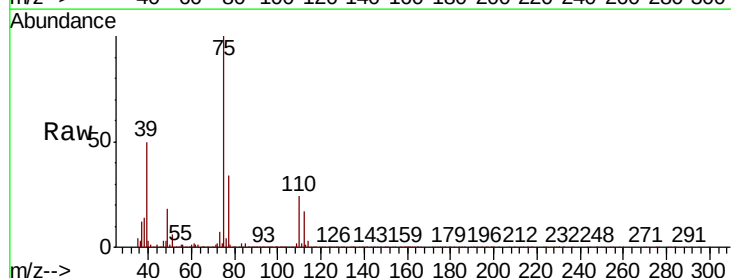
Instrument :
MSVOA_X
ClientSampleId :

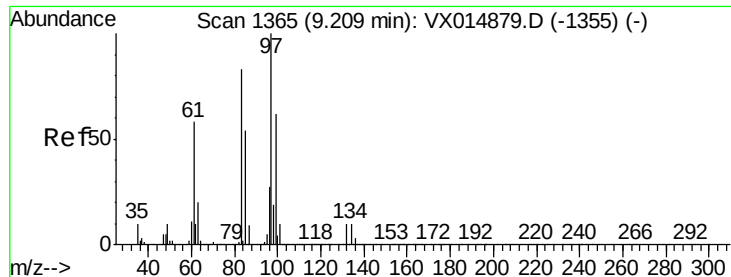
Tot Ion: 75 Resp: 121310
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.377 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 75 Resp: 135380
Ion Ratio Lower Upper
75 100
77 33.9 24.6 37.0
39 49.6 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 19.885 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 85308

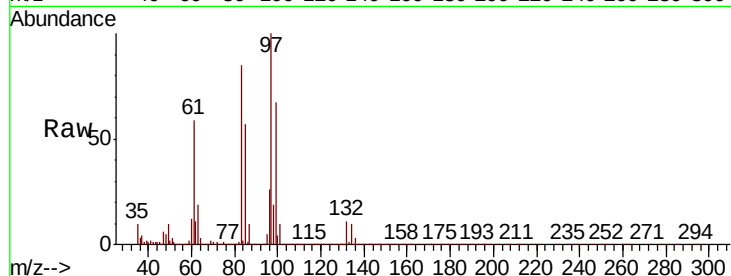
Ion Ratio Lower Upper

97 100

83 85.0 66.6 99.8

85 56.4 43.5 65.3

99 67.0 49.6 74.4

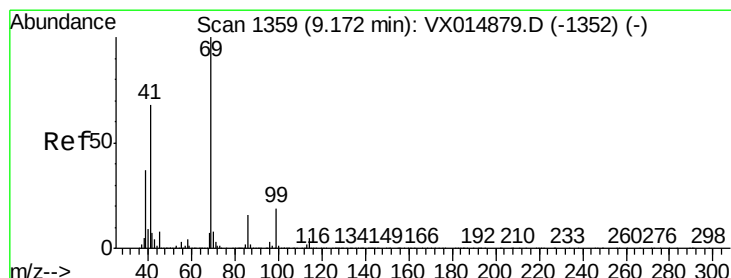
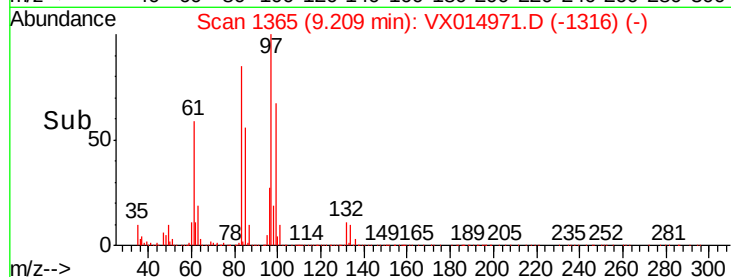
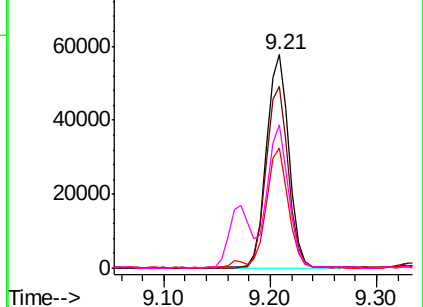


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.710 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

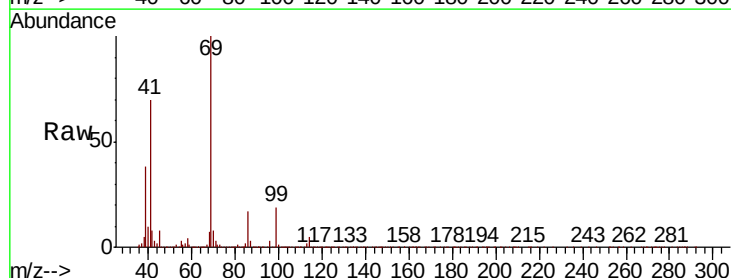
Tgt Ion: 69 Resp: 127099

Ion Ratio Lower Upper

69 100

41 68.0 54.8 82.2

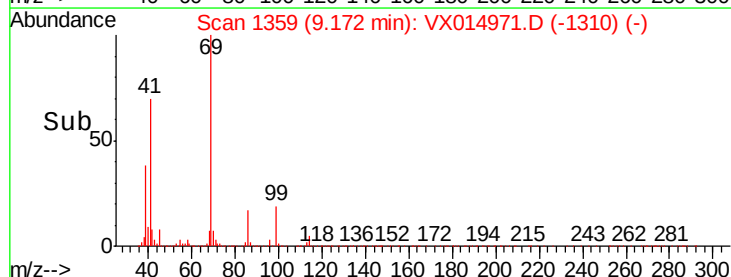
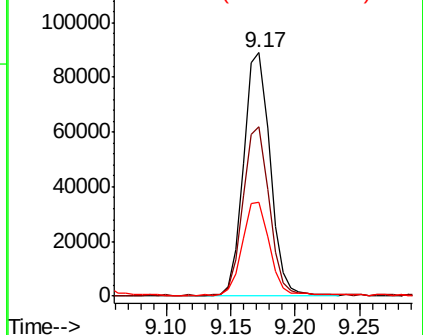
39 39.4 29.9 44.9

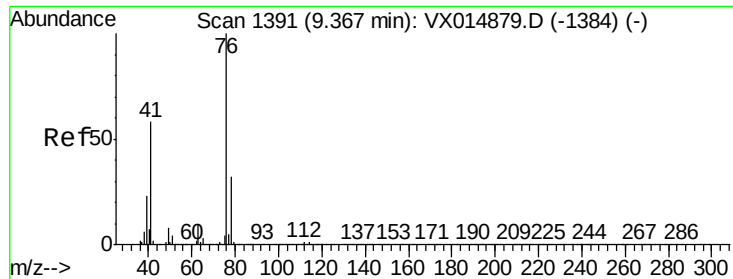


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.942 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

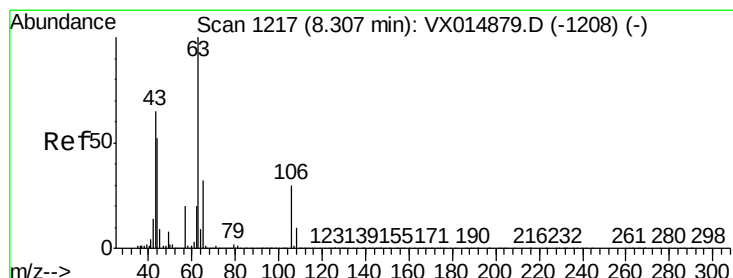
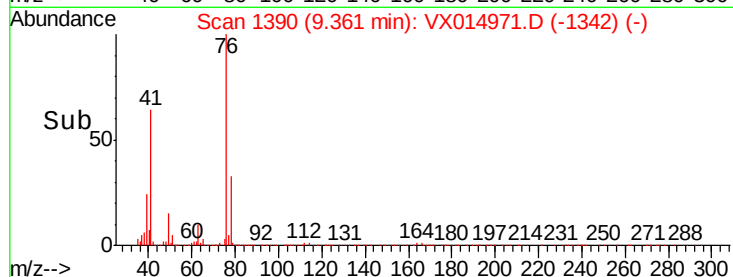
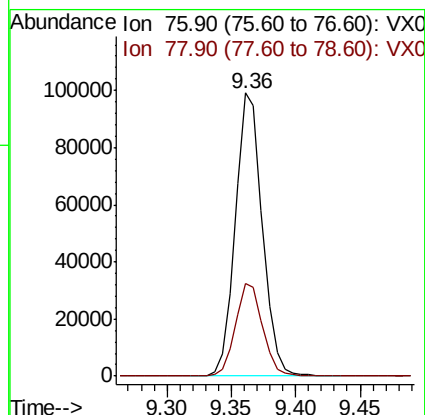
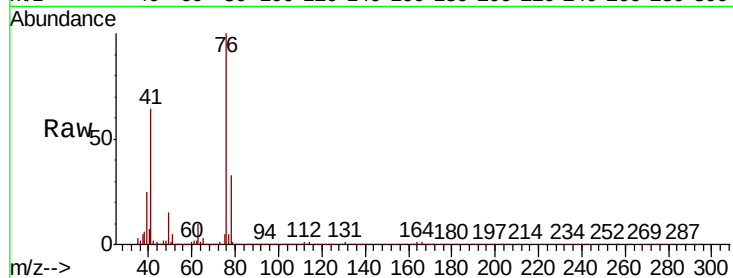
ClientSampleId :

Tot Ion: 76 Resp: 144011

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.643 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014971.D

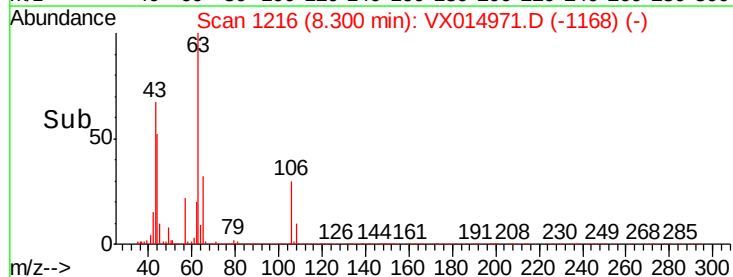
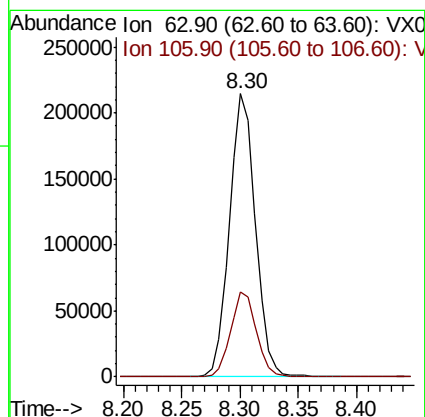
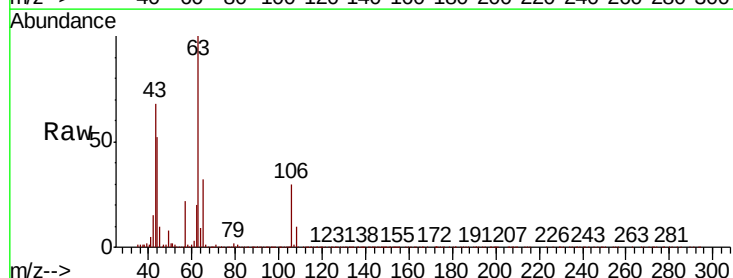
Acq: 20 Feb 2020 11:44

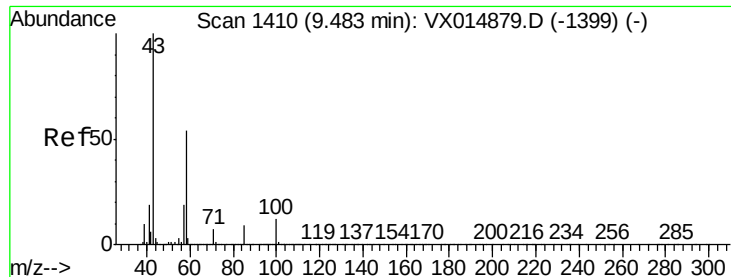
Tgt Ion: 63 Resp: 332663

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8

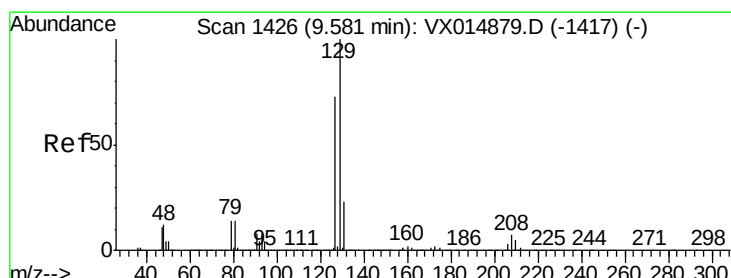
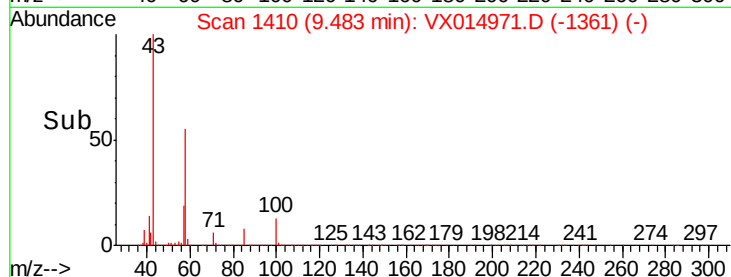
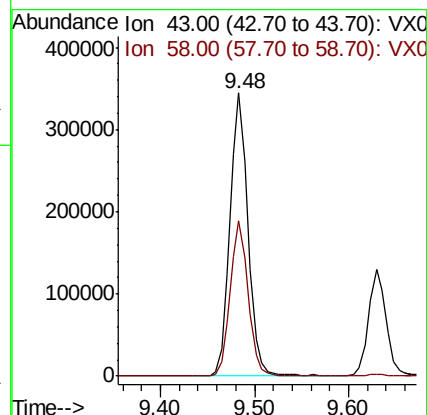
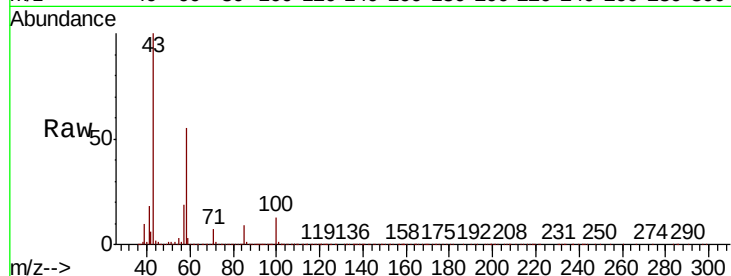




#59
2-Hexanone
Concen: 99.785 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

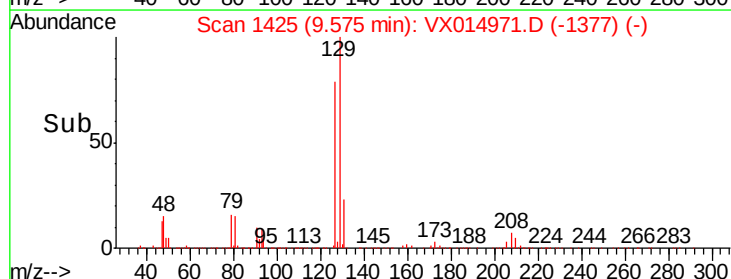
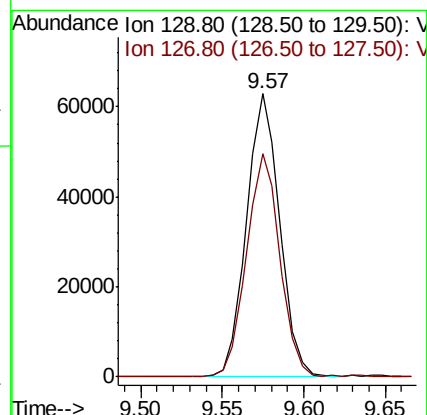
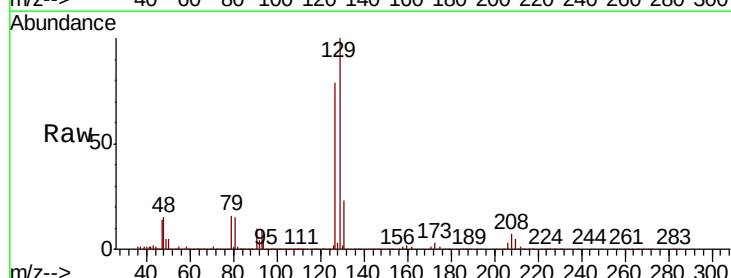
Instrument :
MSVOA_X
ClientSampleId :

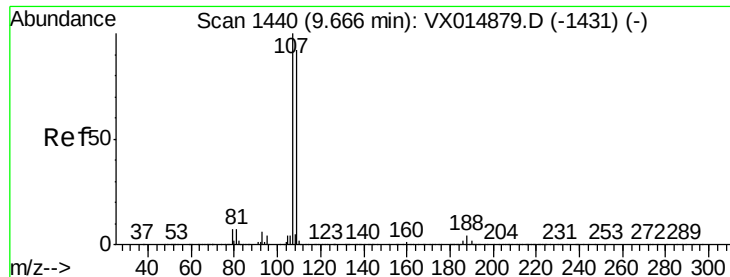
Tot Ion: 43 Resp: 455308
Ion Ratio Lower Upper
43 100
58 54.7 27.5 82.5



#60
Dibromochloromethane
Concen: 19.257 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 129 Resp: 88908
Ion Ratio Lower Upper
129 100
127 79.7 37.8 113.3

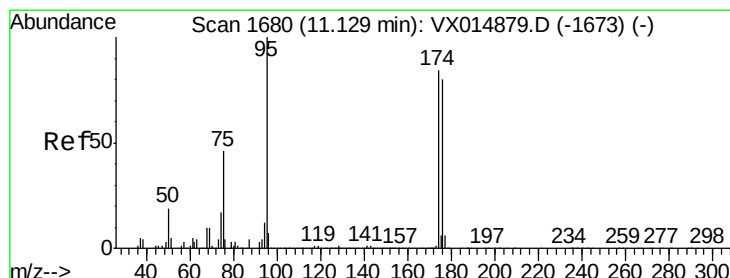
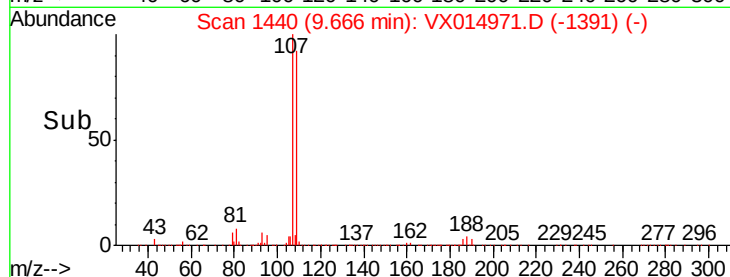
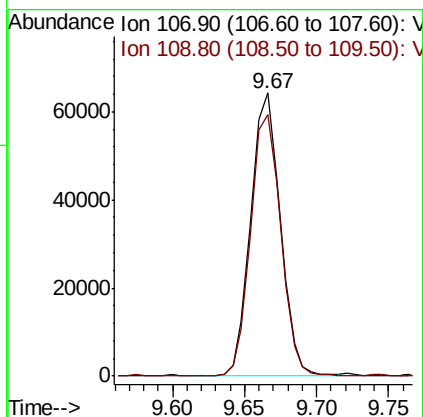
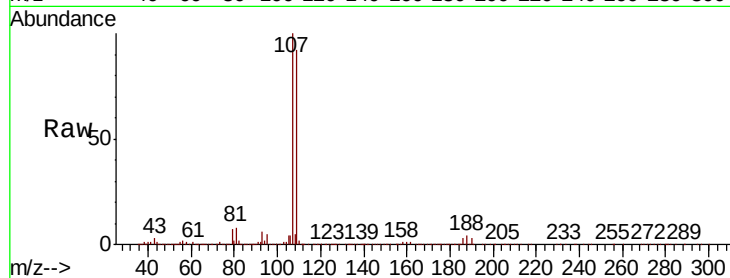




#61
 1,2-Dibromoethane
 Concen: 19.570 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

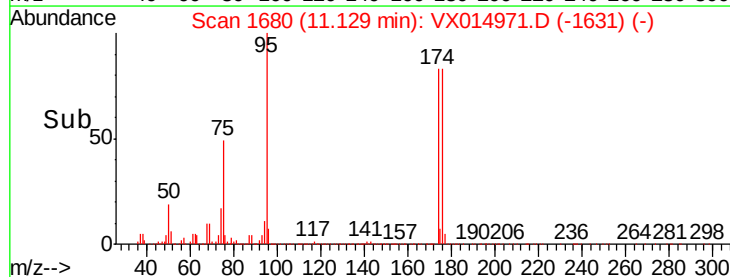
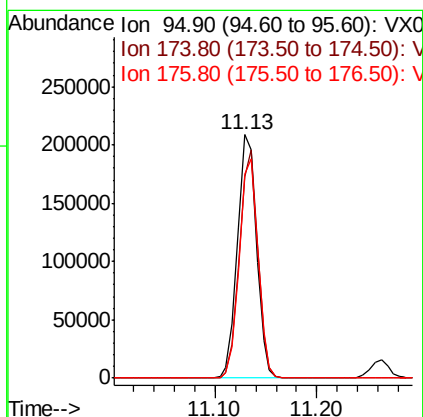
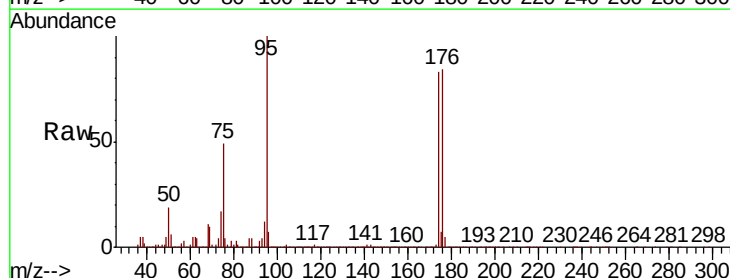
Instrument :
 MSVOA_X
 ClientSampleId :

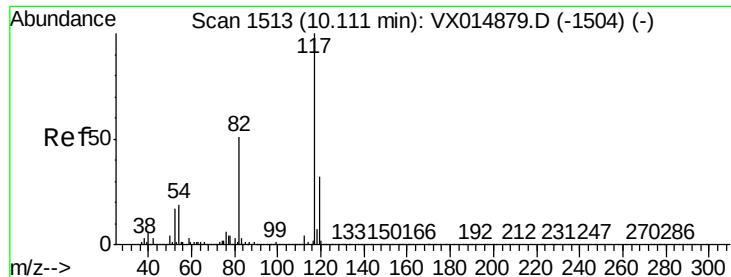
Tot Ion:107 Resp: 90587
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.985 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion: 95 Resp: 269224
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 183.0
 176 88.3 0.0 178.0

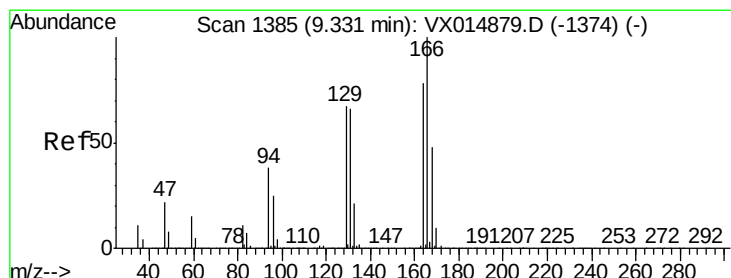
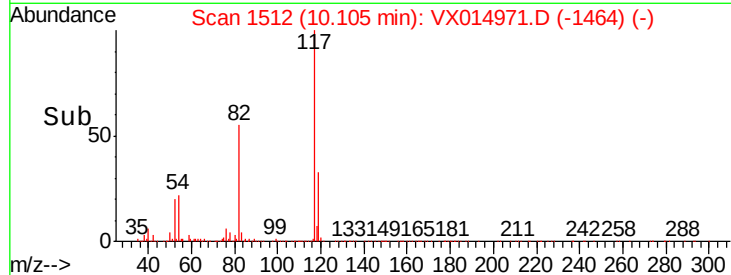
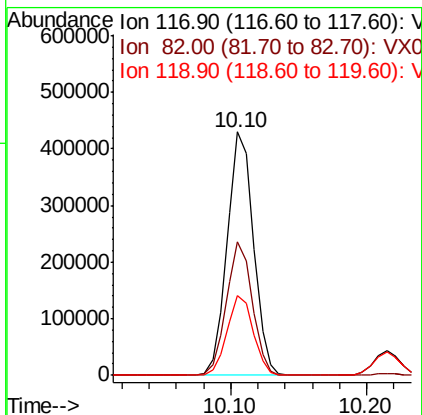
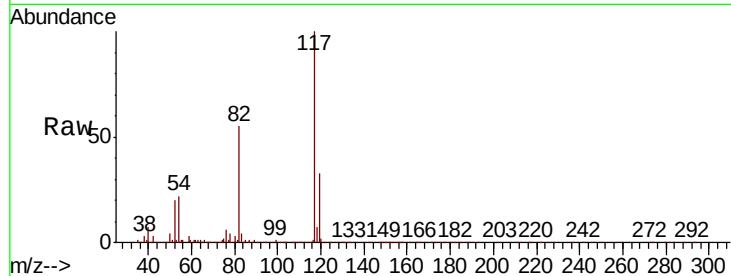




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

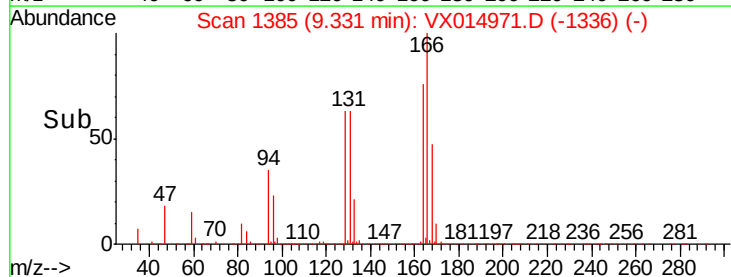
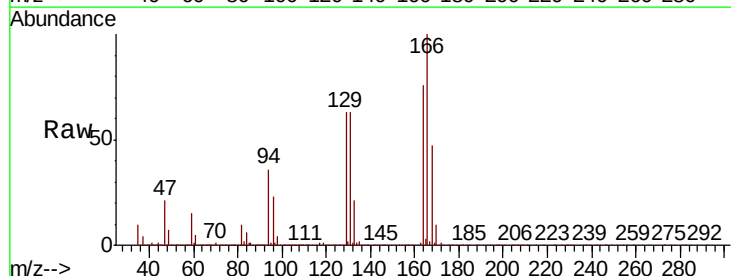
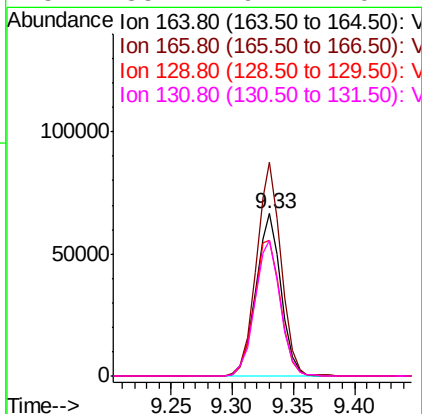
Instrument :
MSVOA_X
ClientSampled :

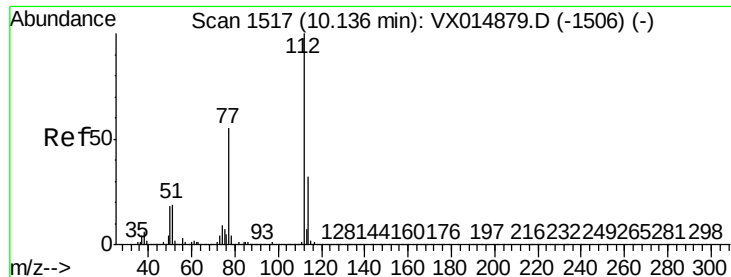
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.5	60.7
119	32.7	25.8	38.6



#64
Tetrachloroethene
Concen: 17.589 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	102.6	153.8
129	83.2	68.3	102.5
131	83.2	67.4	101.2





#65

Chlorobenzene

Concen: 19.210 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

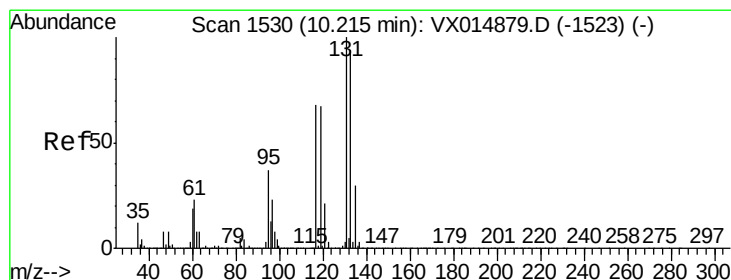
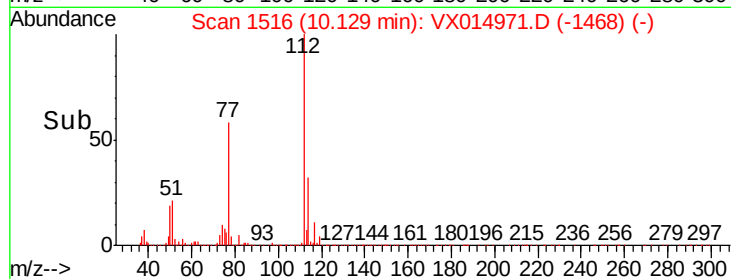
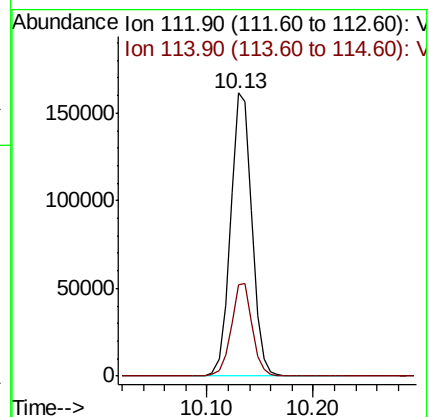
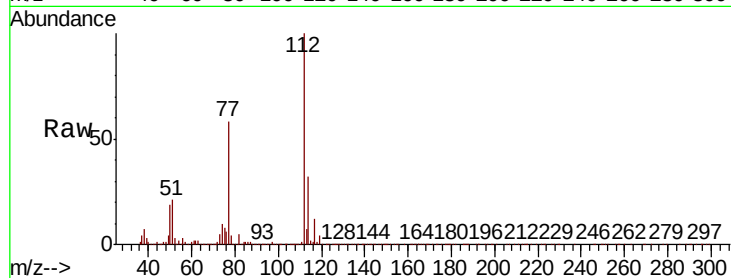
ClientSampled :

Tot Ion:112 Resp: 225506

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.294 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

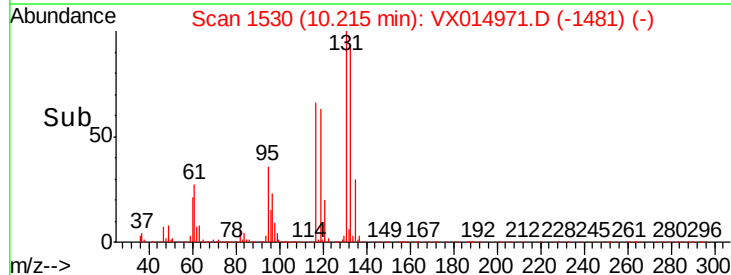
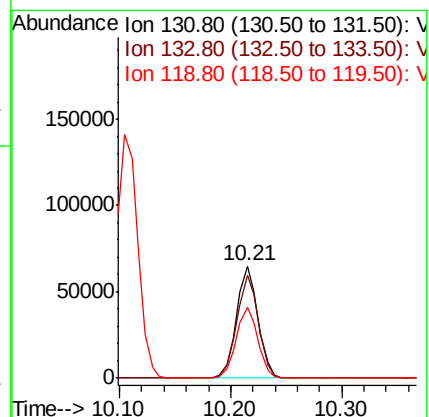
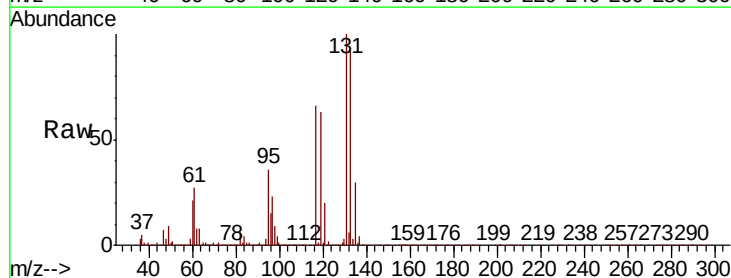
Tgt Ion:131 Resp: 86489

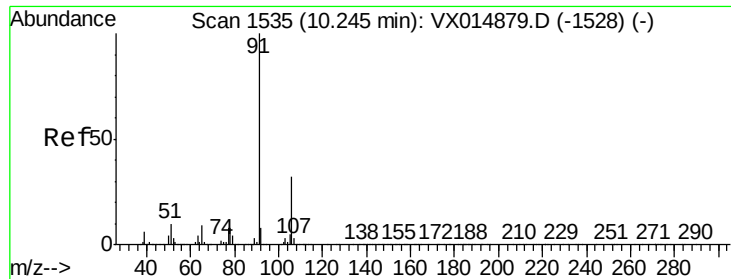
Ion Ratio Lower Upper

131 100

133 93.0 48.1 144.4

119 63.8 33.0 99.0

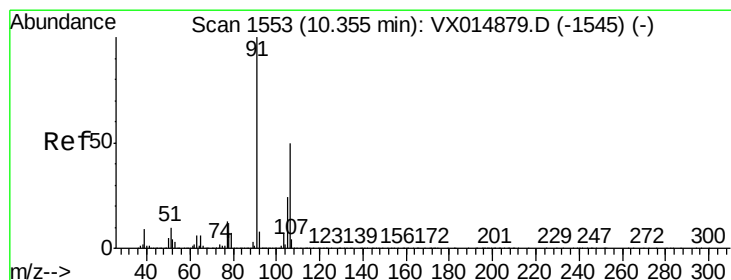
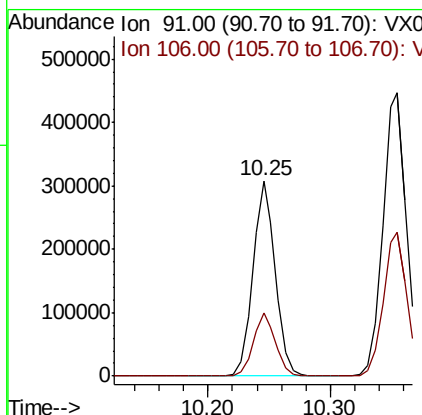
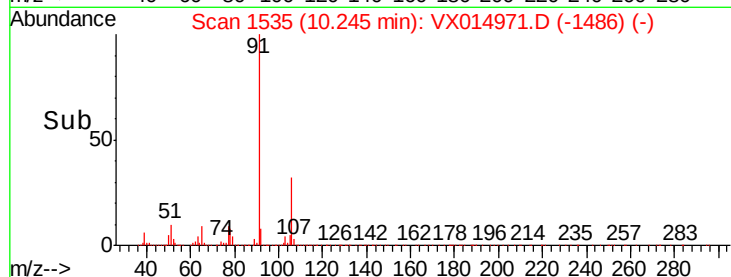
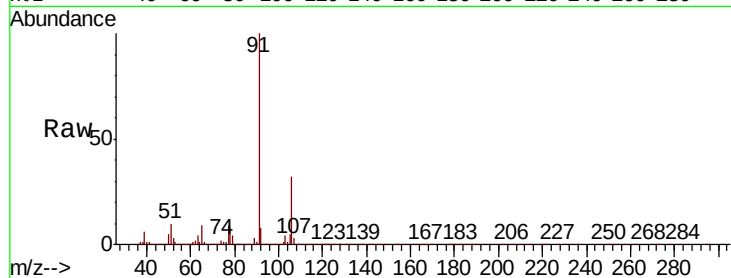




#67
Ethyl Benzene
Concen: 19.564 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

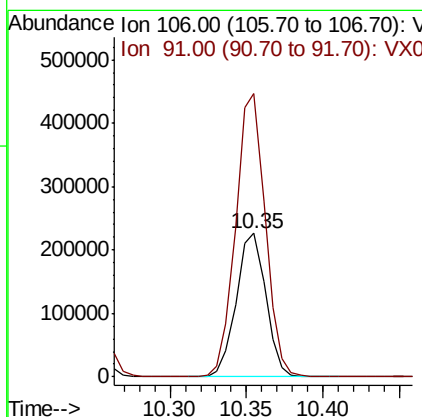
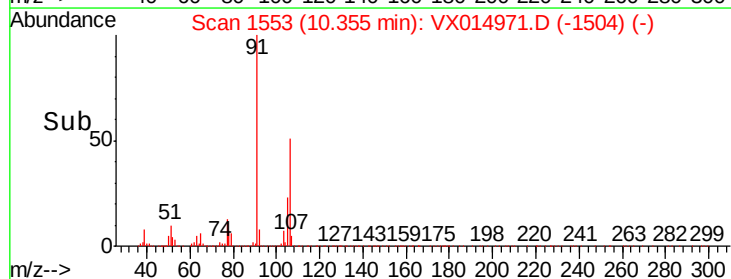
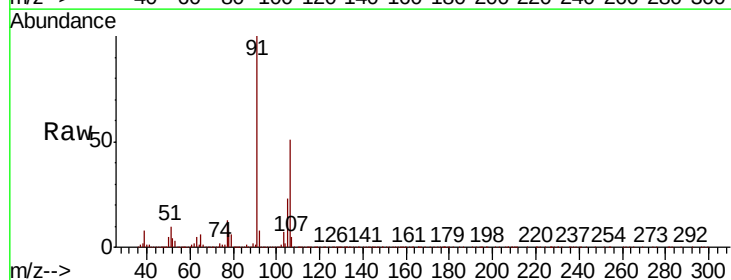
Instrument :
MSVOA_X
ClientSampled :

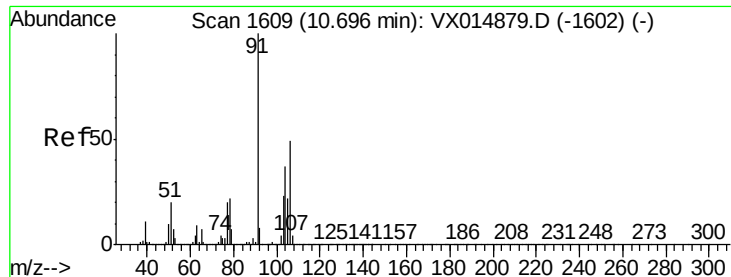
Tot Ion: 91 Resp: 390579
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 39.482 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 106 Resp: 303656
Ion Ratio Lower Upper
106 100
91 197.5 160.6 240.8

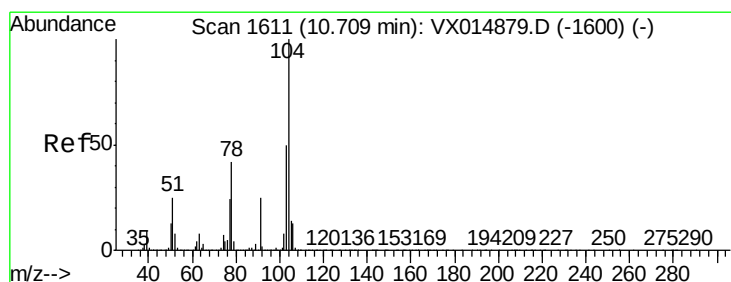
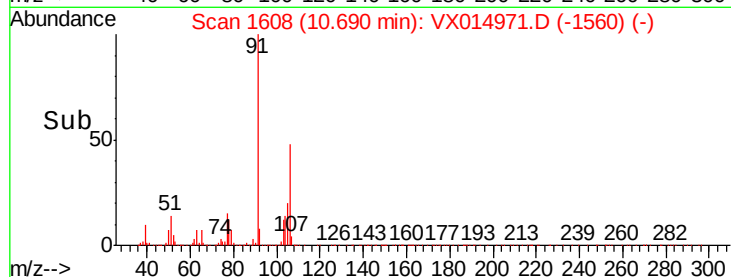
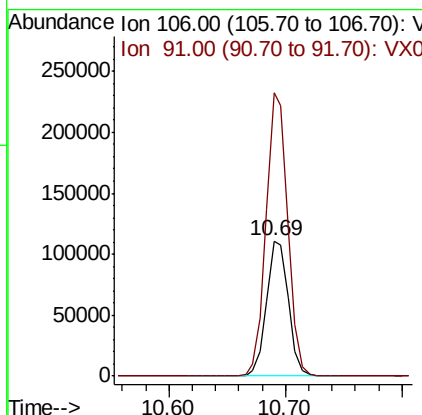
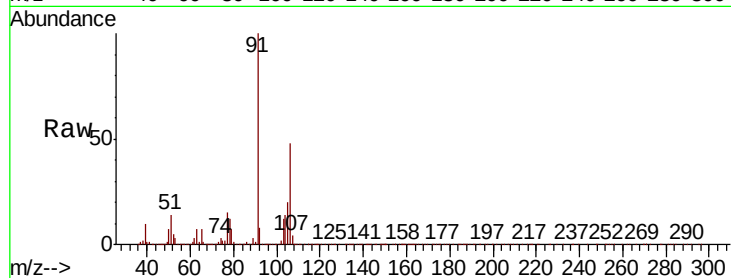




#69
o-Xylene
Concen: 19.750 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

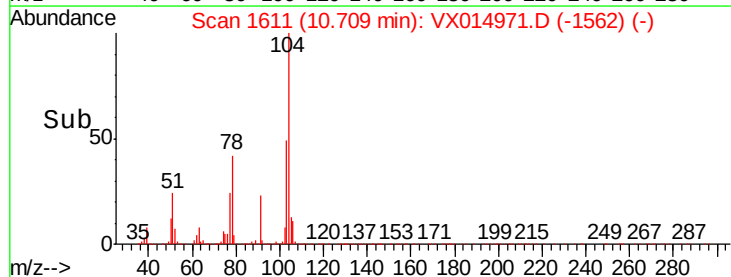
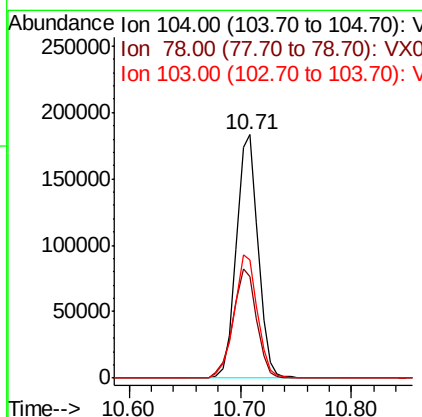
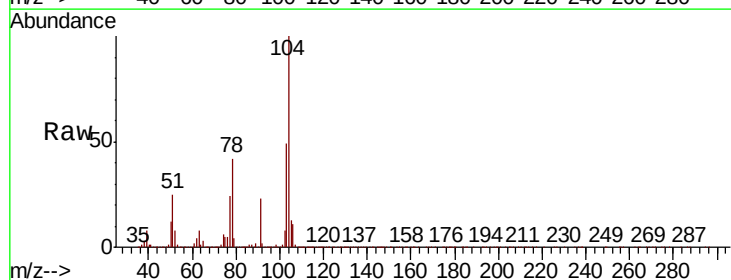
Instrument :
MSVOA_X
ClientSampleId :

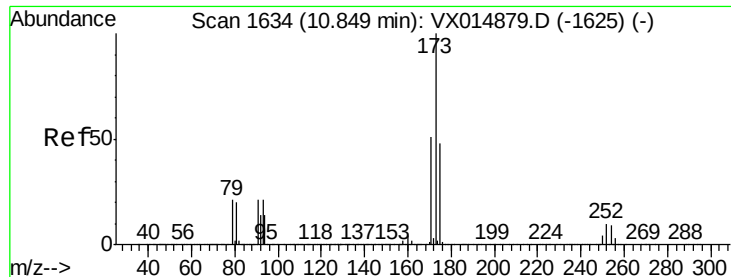
Tot Ion:106 Resp: 146015
Ion Ratio Lower Upper
106 100
91 206.3 105.1 315.3



#70
Styrene
Concen: 19.718 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion:104 Resp: 246622
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 54.2 43.4 65.0





#71

Bromoform

Concen: 19.283 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

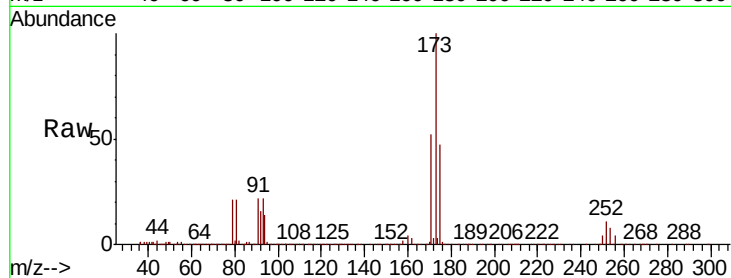
Tot Ion:173 Resp: 68597

Ion Ratio Lower Upper

173 100

175 49.7 24.2 72.6

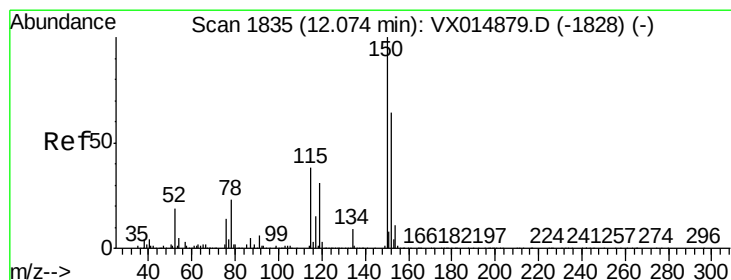
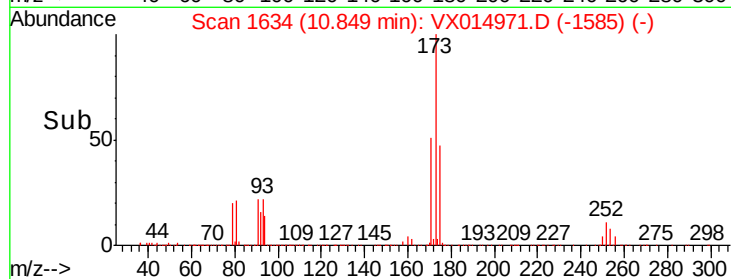
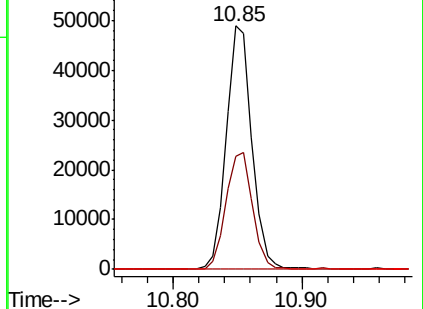
254 0.5 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

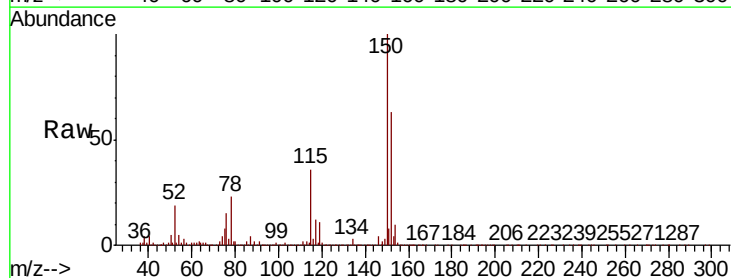
Tgt Ion:152 Resp: 310502

Ion Ratio Lower Upper

152 100

115 63.3 38.6 116.0

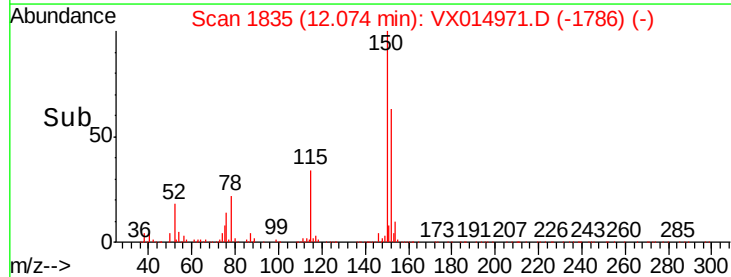
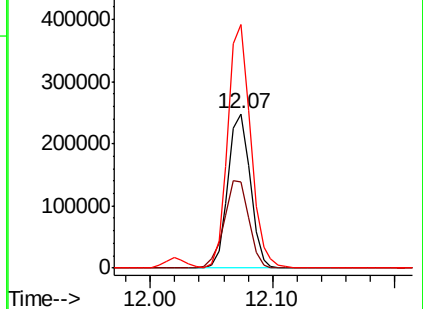
150 161.9 0.0 349.0

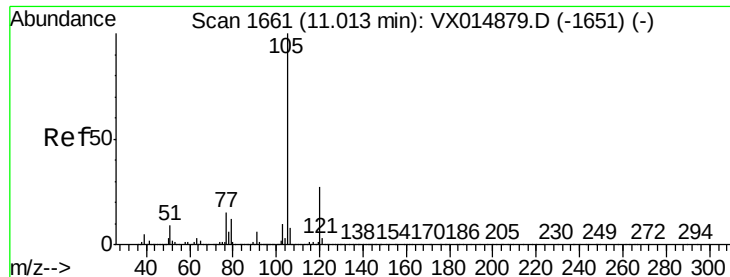


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.024 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

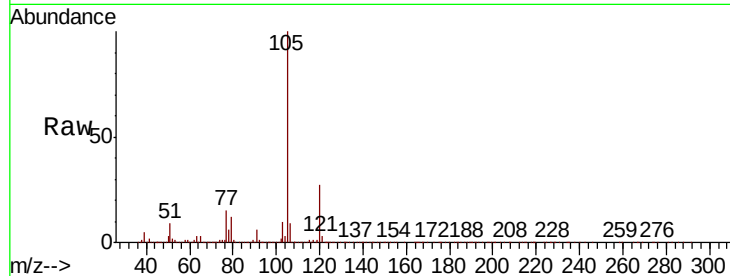
ClientSampleId :

Tot Ion: 105 Resp: 389912

Ion Ratio Lower Upper

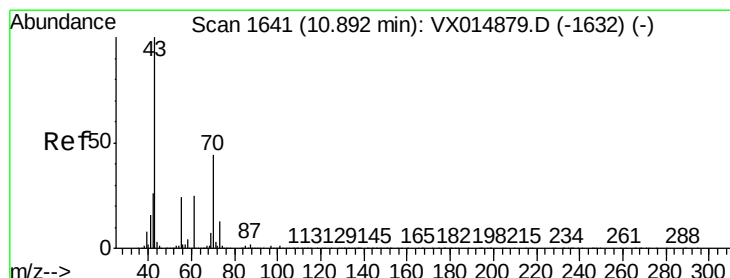
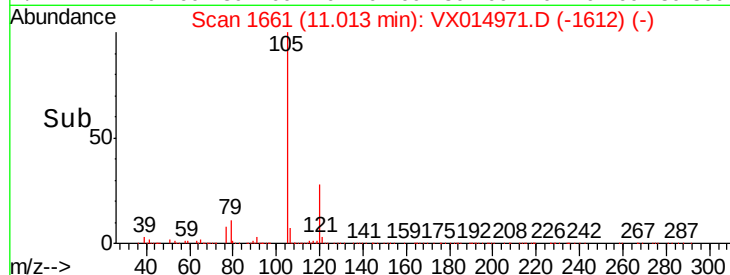
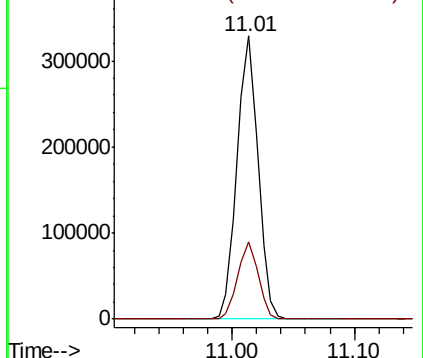
105 100

120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.068 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Tgt Ion: 43 Resp: 162360

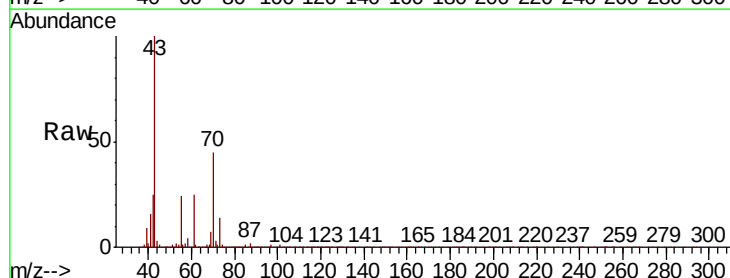
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 25.2 19.4 29.2

61 25.5 19.8 29.6

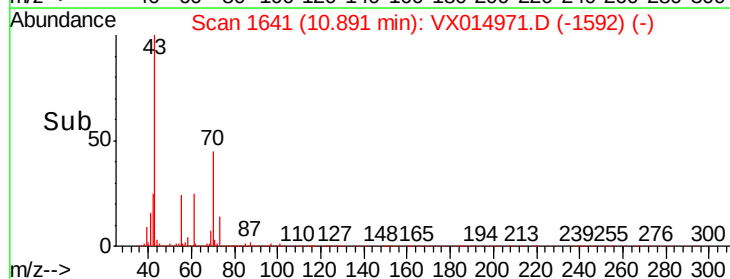
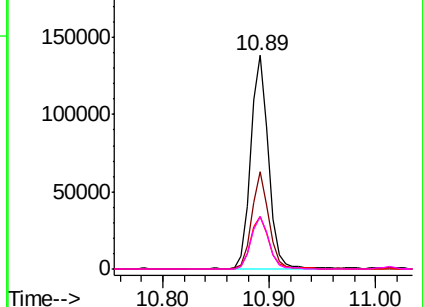


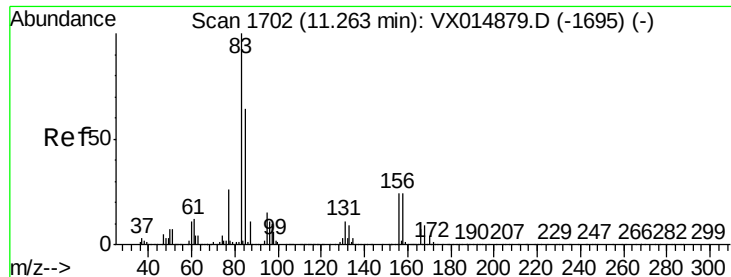
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.095 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

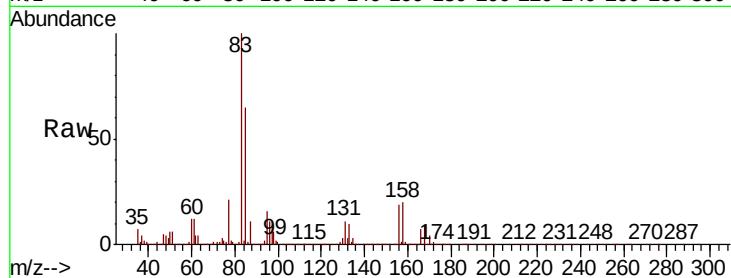
Tot Ion: 83 Resp: 127911

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

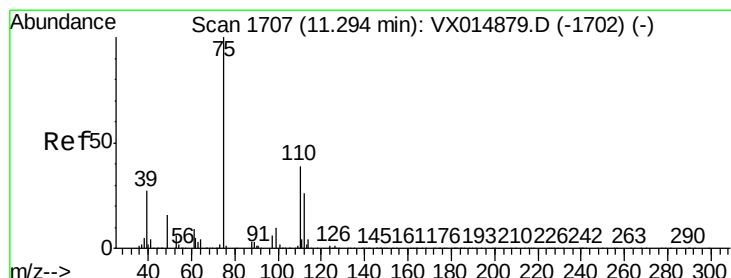
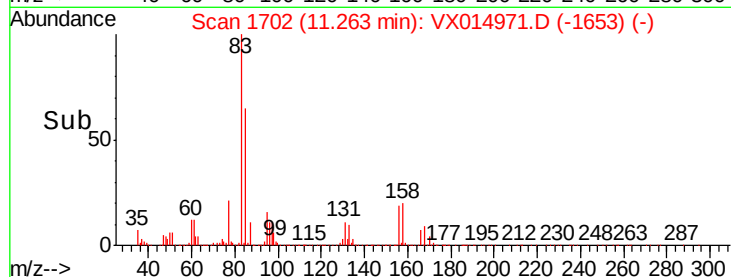
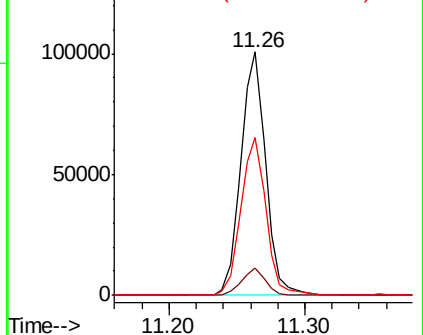
85 65.3 32.6 97.7



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: 25.562 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014971.D

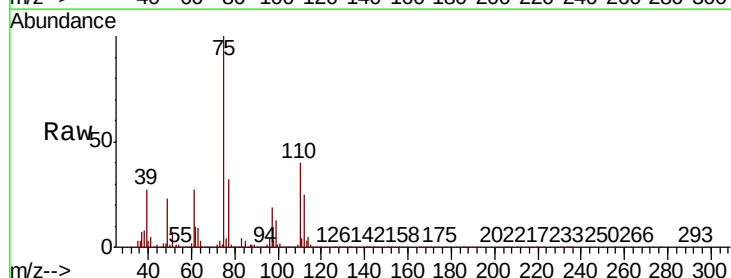
Acq: 20 Feb 2020 11:44

Tgt Ion: 75 Resp: 143528

Ion Ratio Lower Upper

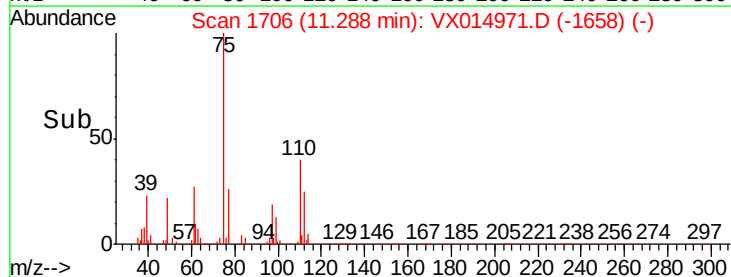
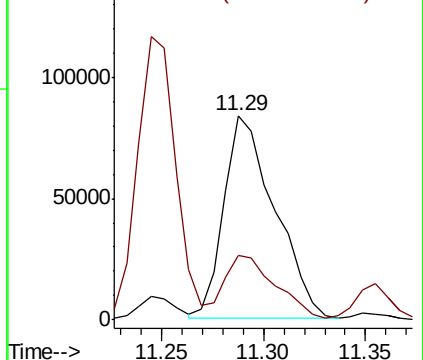
75 100

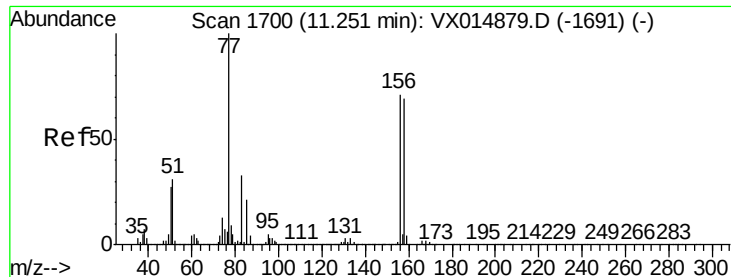
77 32.7 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.630 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014971.D

Acq: 20 Feb 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

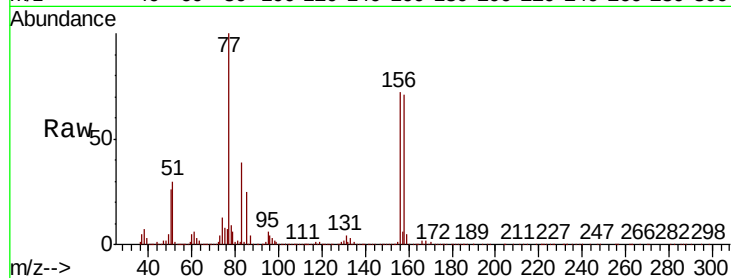
Tot Ion:156 Resp: 106684

Ion Ratio Lower Upper

156 100

77 142.4 74.0 222.0

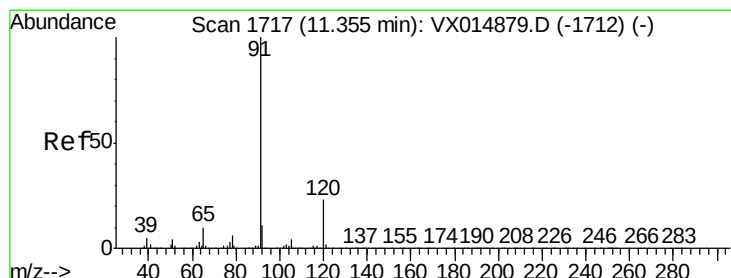
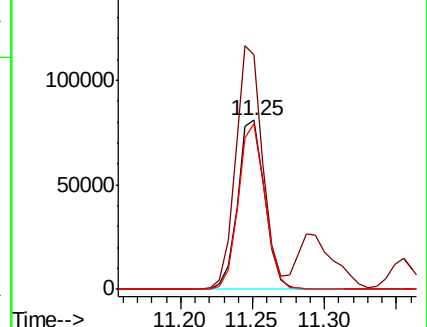
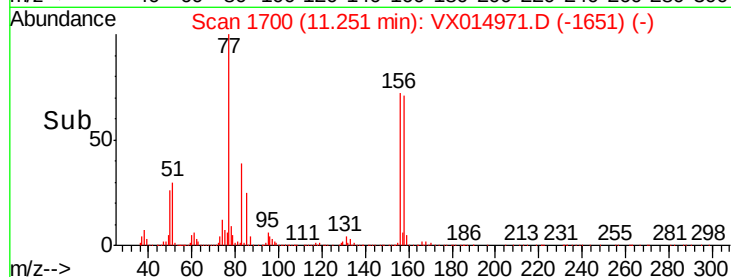
158 96.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.739 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014971.D

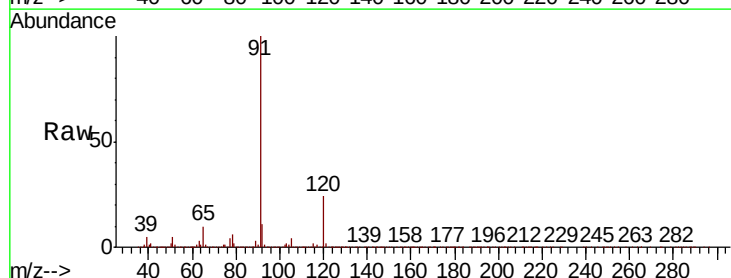
Acq: 20 Feb 2020 11:44

Tgt Ion: 91 Resp: 444548

Ion Ratio Lower Upper

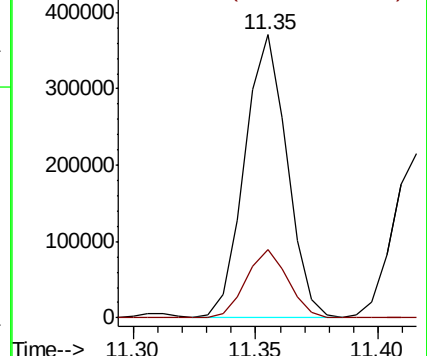
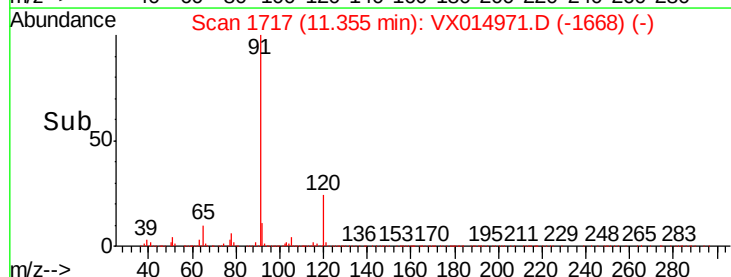
91 100

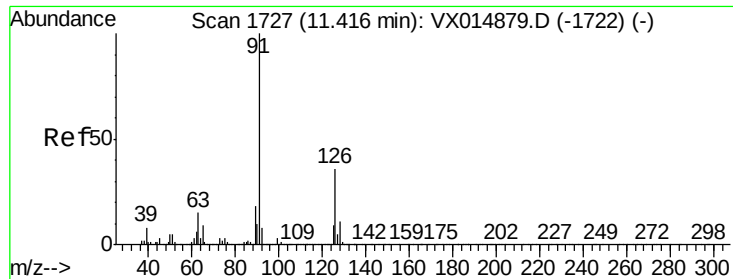
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

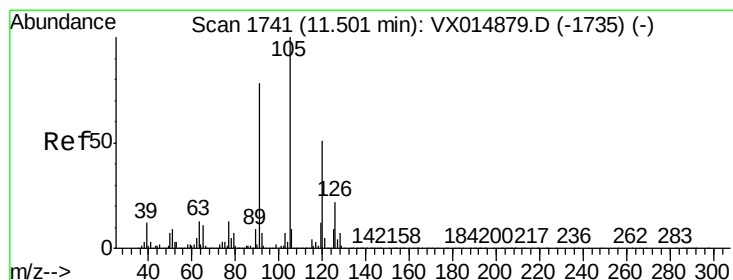
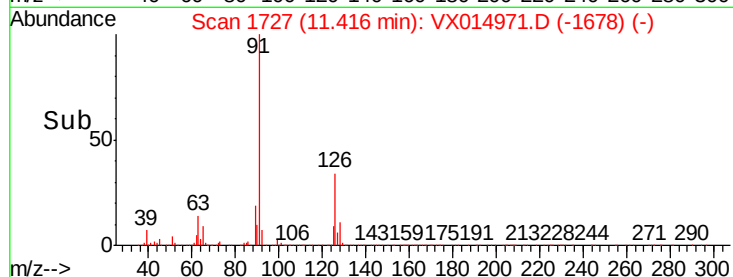
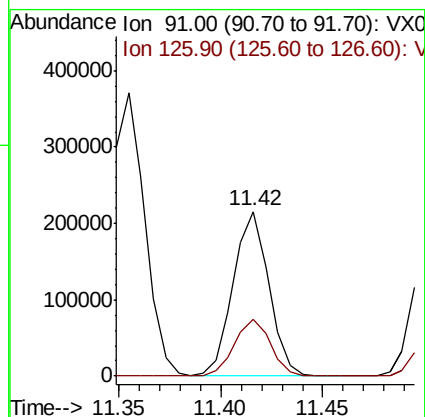
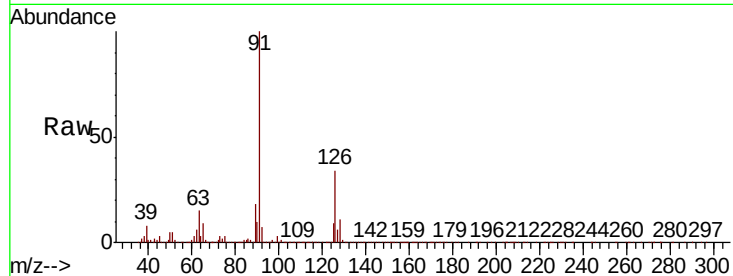




#79
2-Chlorotoluene
Concen: 19.709 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

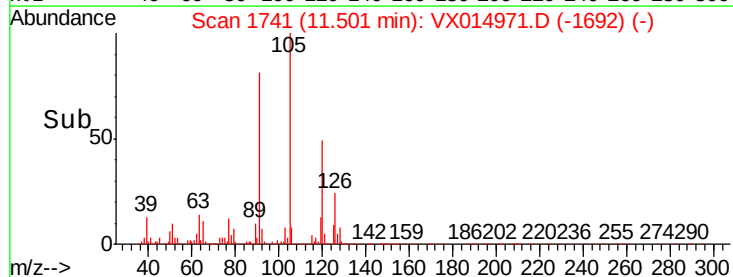
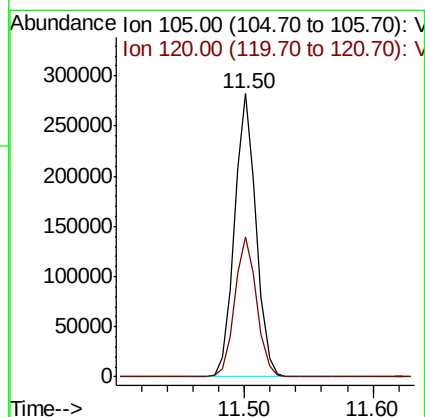
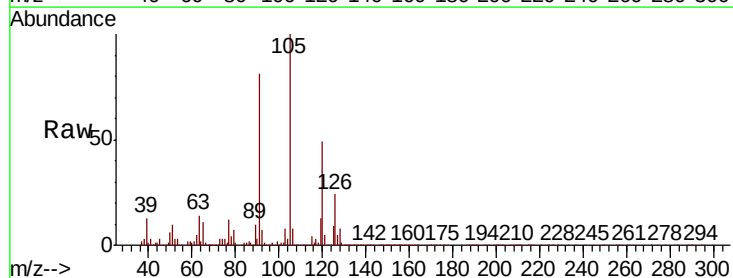
Instrument :
MSVOA_X
ClientSampled :

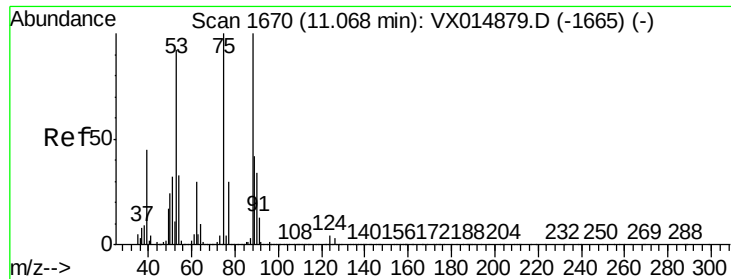
Tot Ion: 91 Resp: 260949
Ion Ratio Lower Upper
91 100
126 35.0 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.198 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion:105 Resp: 328619
Ion Ratio Lower Upper
105 100
120 50.2 25.6 76.6

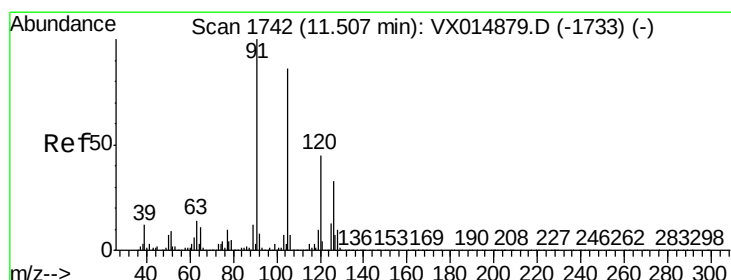
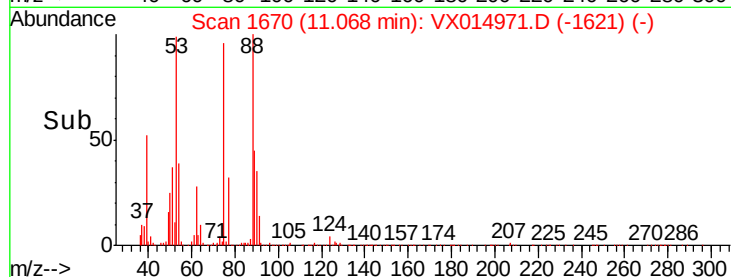
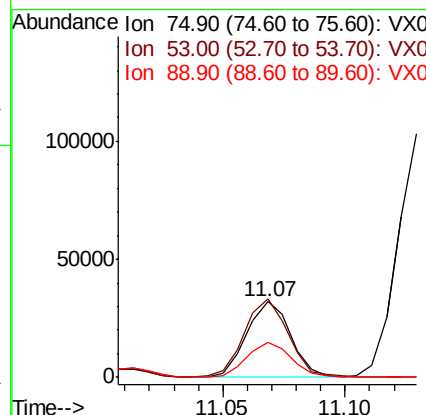
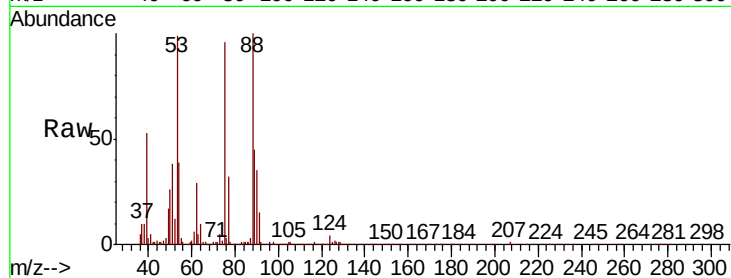




#81
trans-1,4-Dichloro-2-butene
Concen: 17.988 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

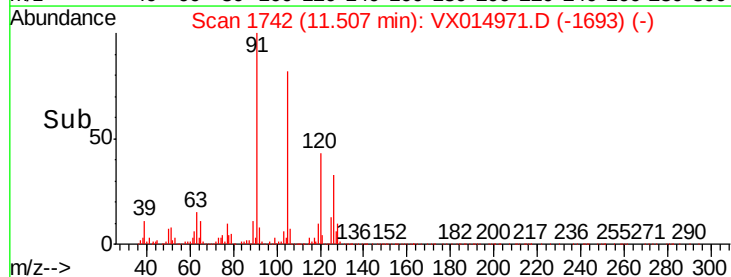
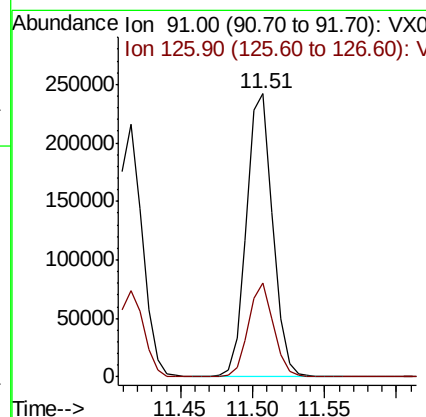
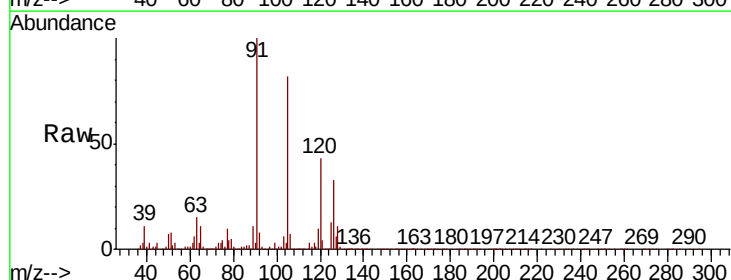
Instrument :
MSVOA_X
ClientSampled :

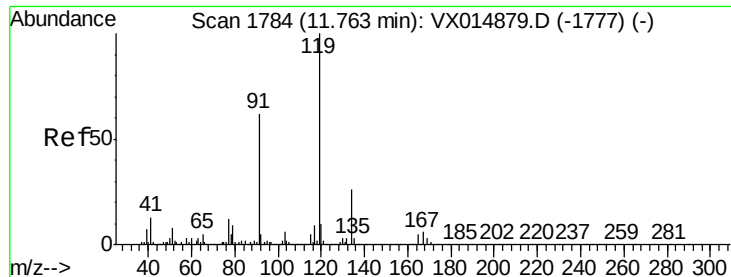
Tot Ion: 75 Resp: 39457
Ion Ratio Lower Upper
75 100
53 103.5 76.2 114.2
89 46.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.358 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 91 Resp: 303518
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0

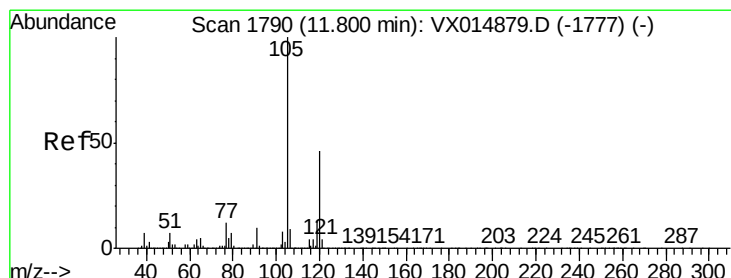
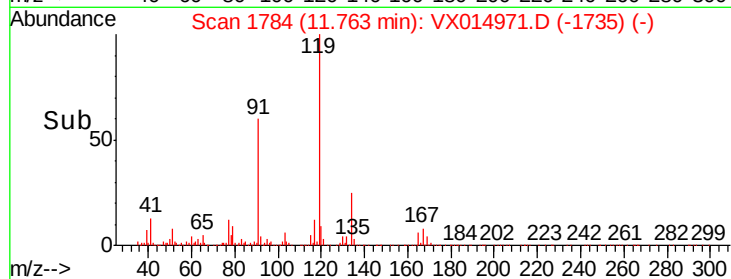
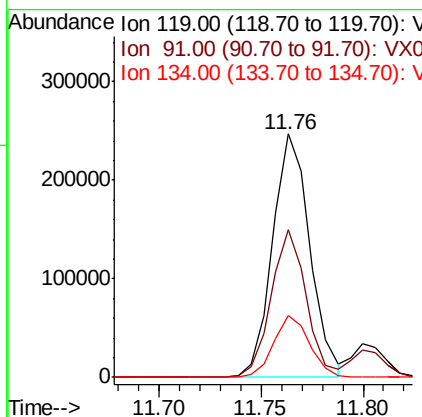
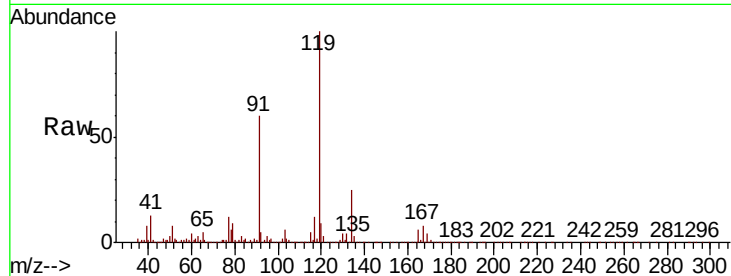




#83
 tert-Butylbenzene
 Concen: 20.459 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

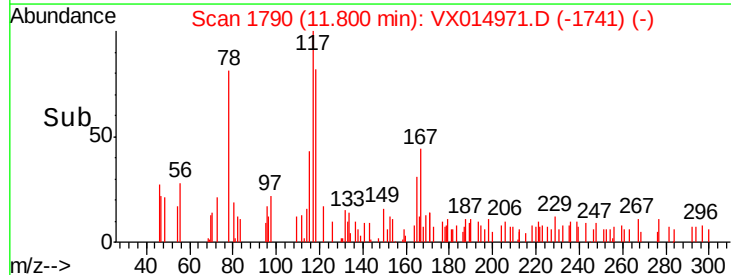
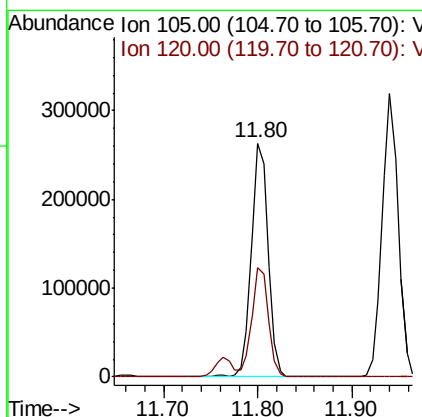
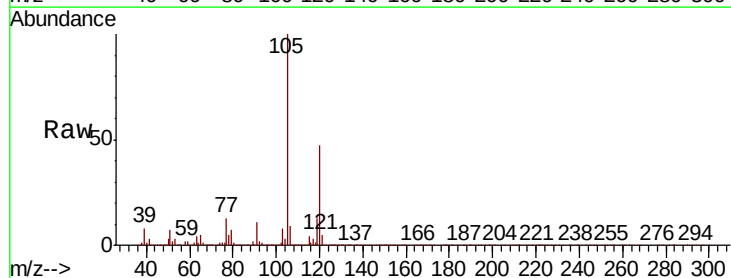
Instrument :
 MSVOA_X
 ClientSampleId :

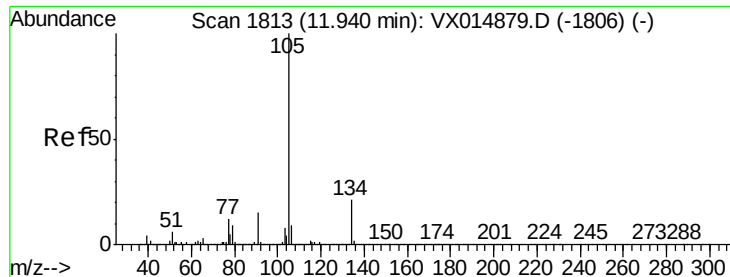
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	29.5	88.6
134	24.6	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.210 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0

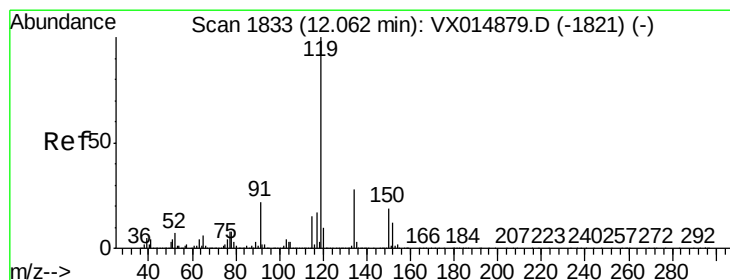
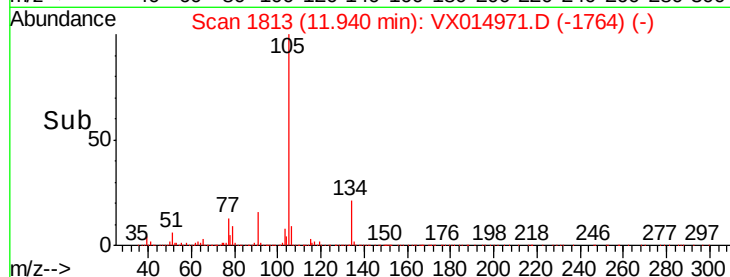
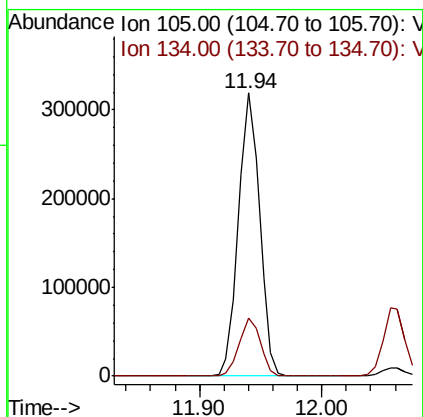
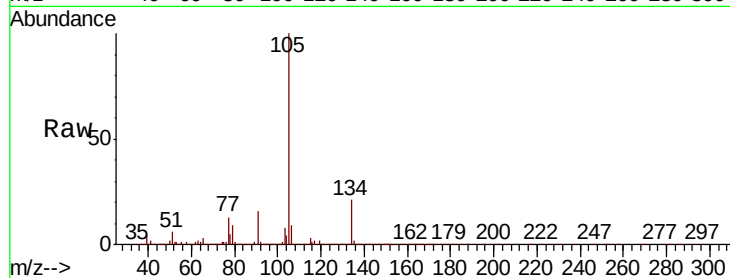




#85
 sec-Butylbenzene
 Concen: 19.904 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

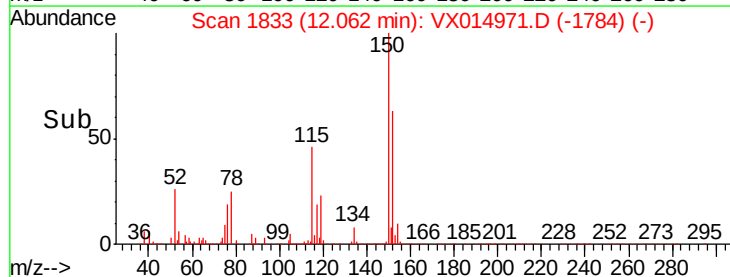
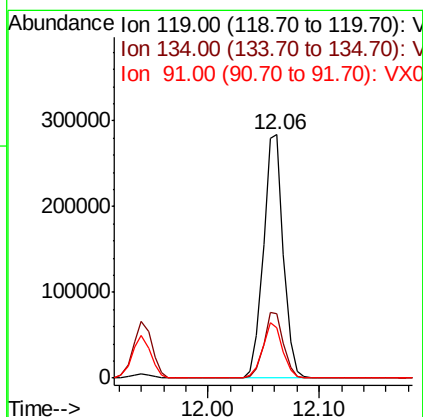
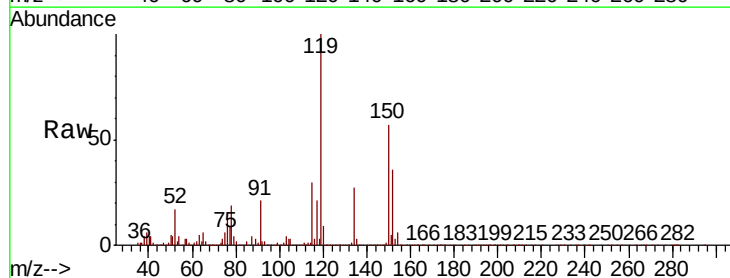
Instrument :
 MSVOA_X
 ClientSampleId :

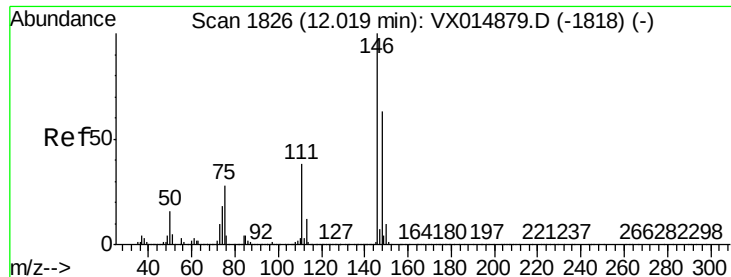
Tot Ion:105 Resp: 380963
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 19.901 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion:119 Resp: 356432
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 22.4 11.4 34.1

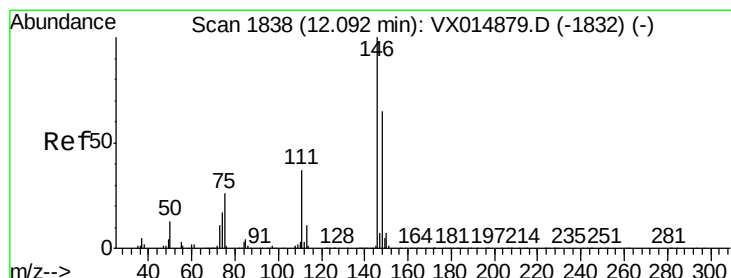
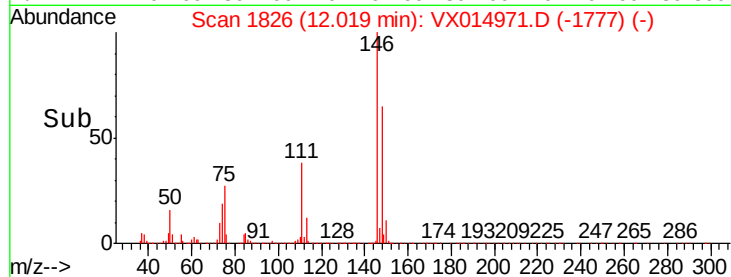
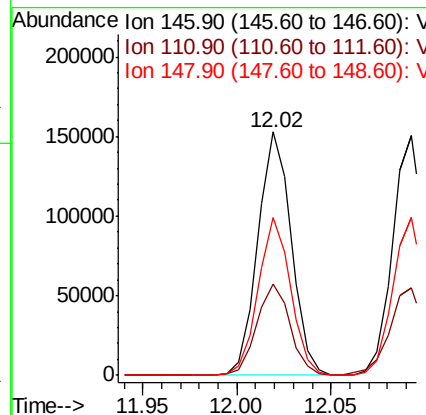
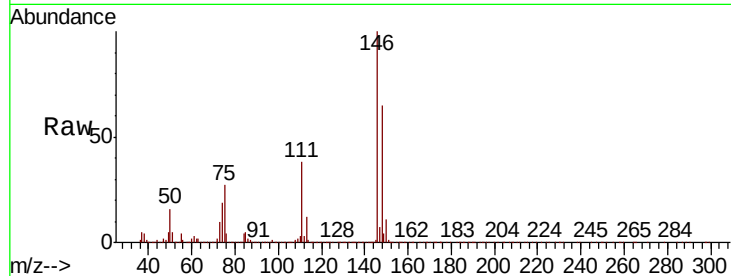




#87
 1,3-Dichlorobenzene
 Concen: 19.276 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

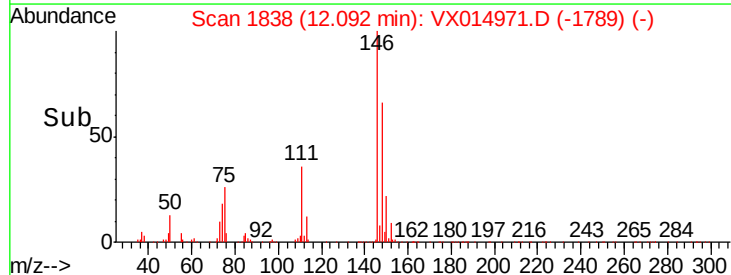
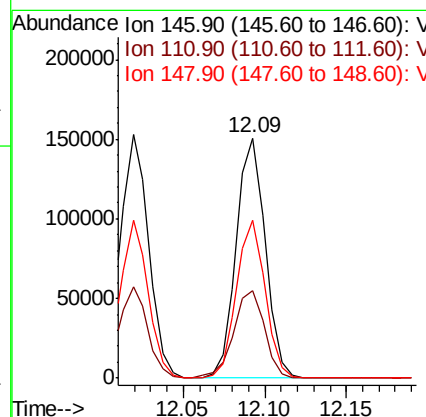
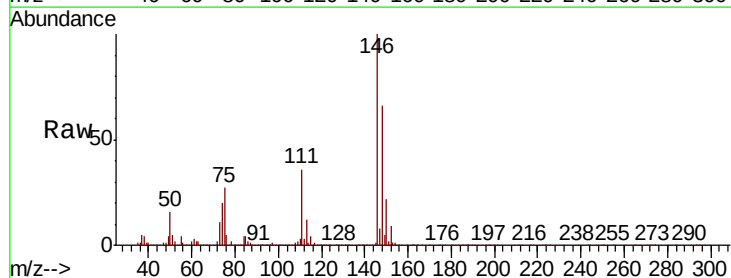
Instrument :
 MSVOA_X
 ClientSampleId :

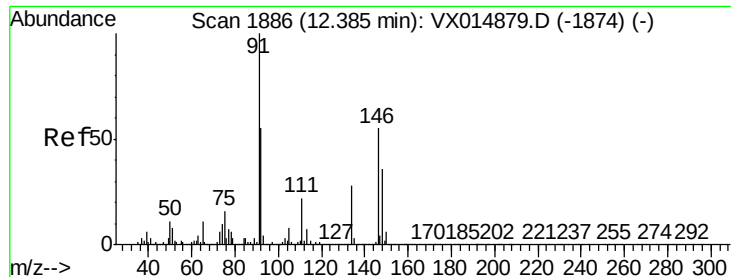
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	63.0	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.712 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.6
148	65.3	32.4	97.0

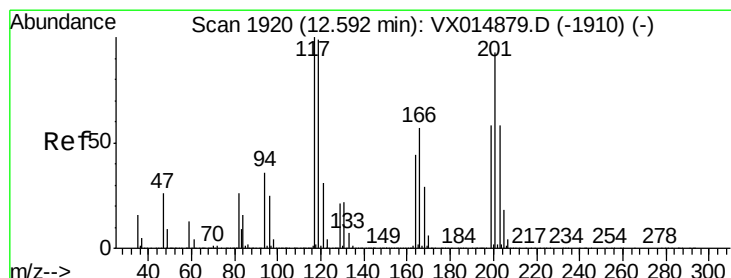
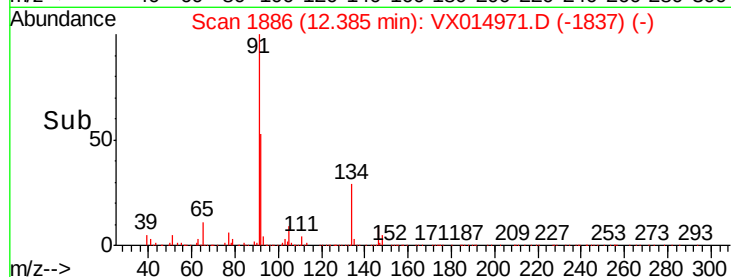
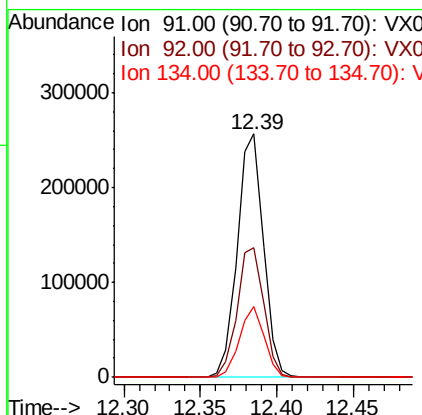
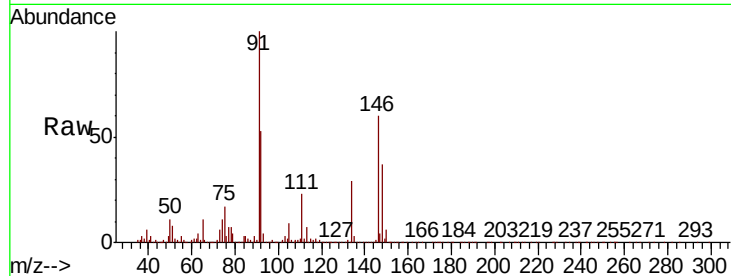




#89
n-Butylbenzene
Concen: 18.893 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

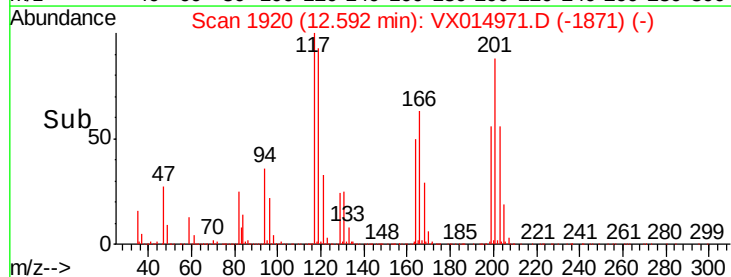
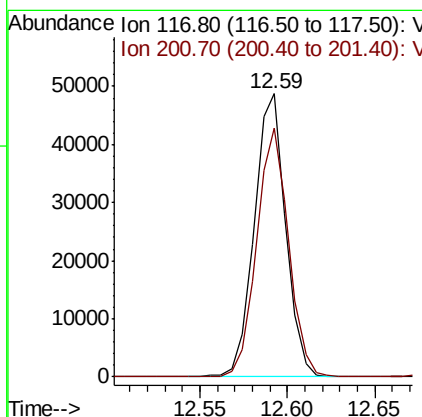
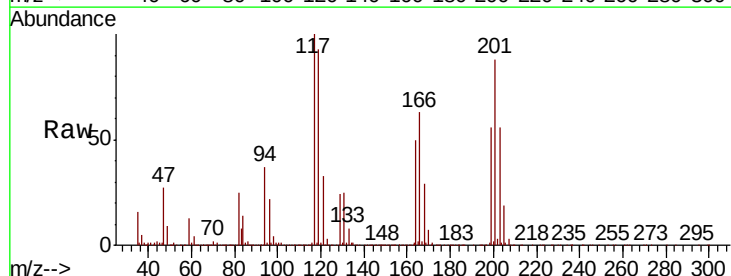
Instrument :
MSVOA_X
ClientSampleId :

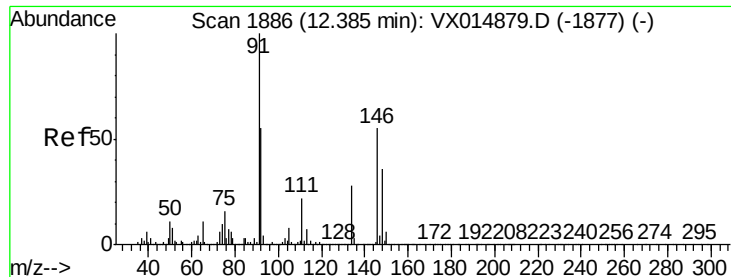
Tot Ion: 91 Resp: 303061
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.8
134 27.5 13.8 41.4



#90
Hexachloroethane
Concen: 19.462 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion: 117 Resp: 60873
Ion Ratio Lower Upper
117 100
201 89.9 44.8 134.3

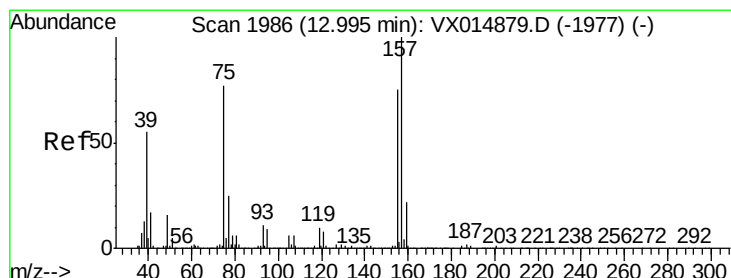
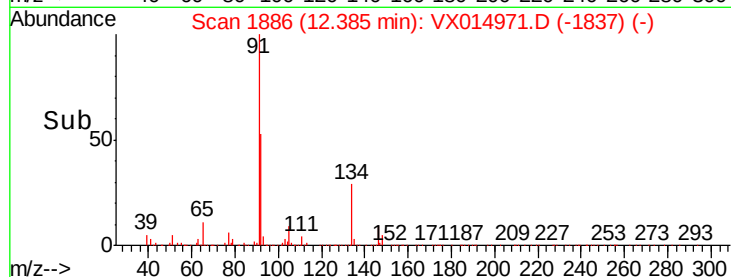
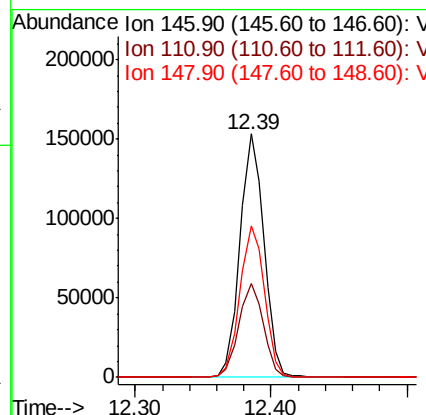
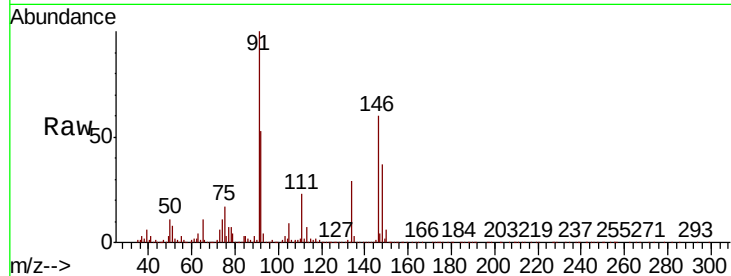




#91
 1,2-Dichlorobenzene
 Concen: 19.708 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

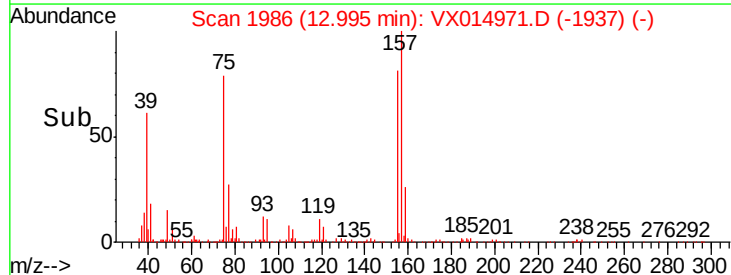
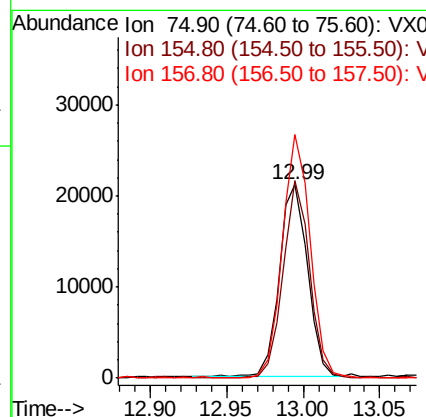
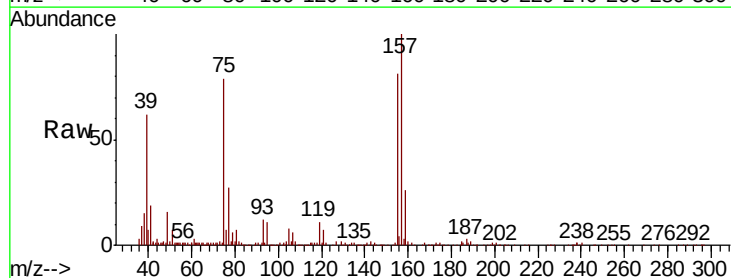
Instrument :
 MSVOA_X
 ClientSampleId :

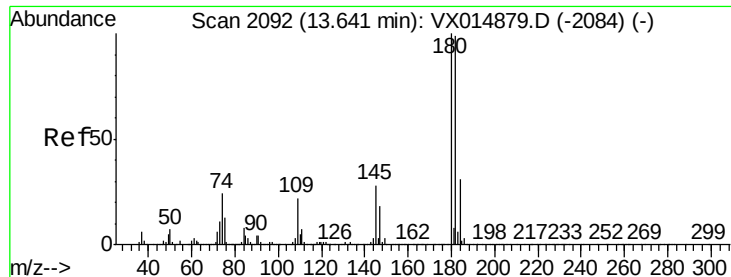
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	63.9	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.262 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	48.6	145.9
157	124.5	62.0	186.0

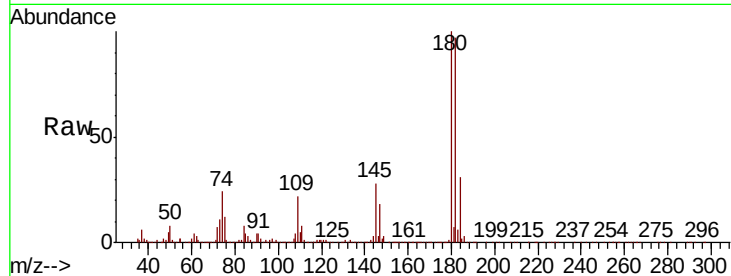




#93
 1,2,4-Trichlorobenzene
 Concen: 18.698 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.3
145	28.2	14.1	42.4

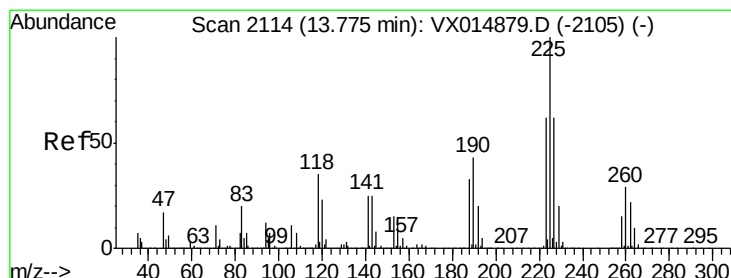
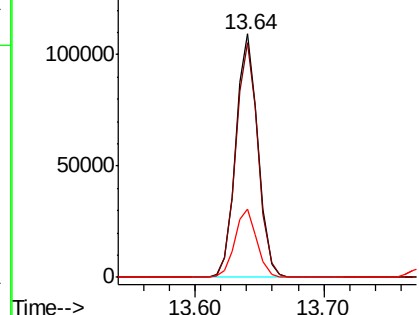
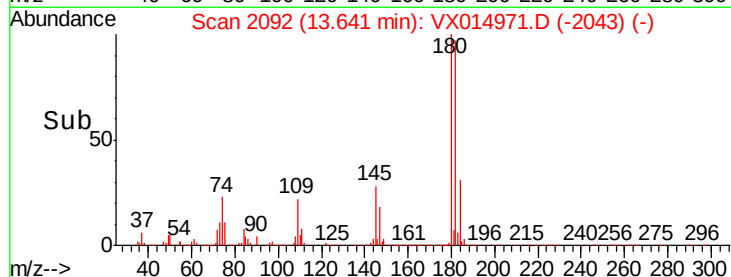


Abundance

Ion 179.80 (179.50 to 180.50): V

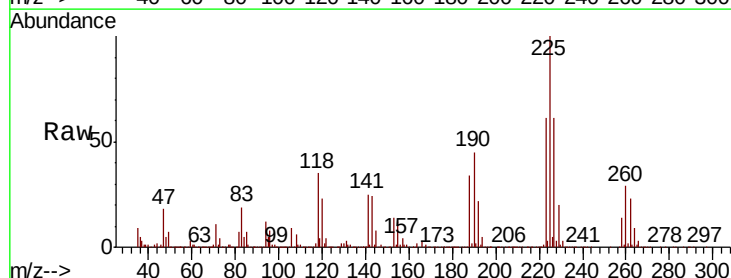
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.854 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014971.D
 Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.1	93.2
227	61.6	30.9	92.5

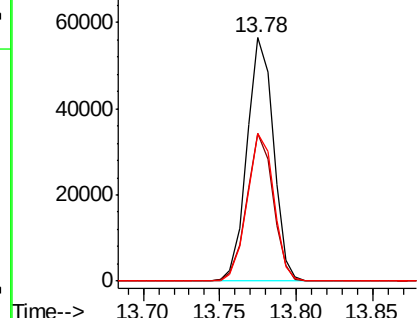
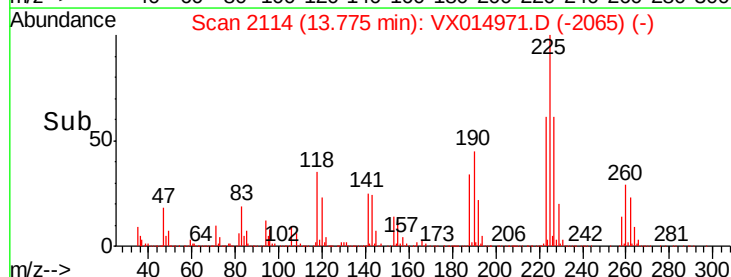


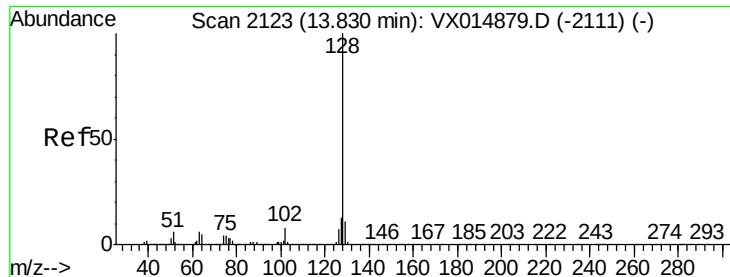
Abundance

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

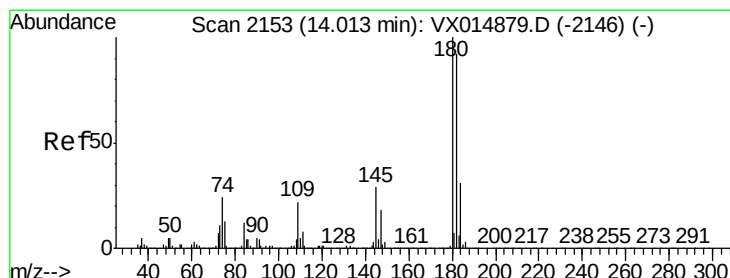
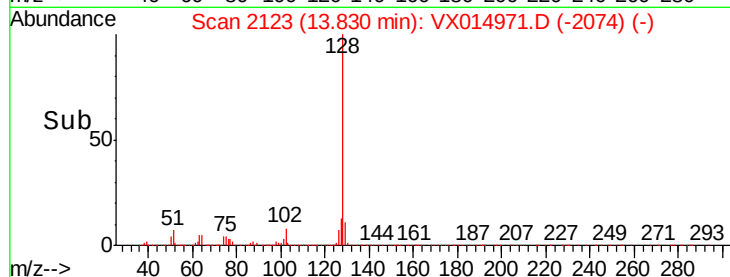
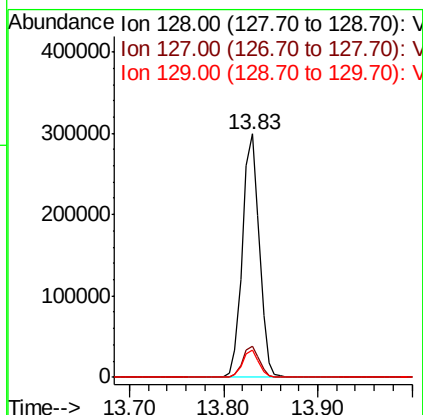
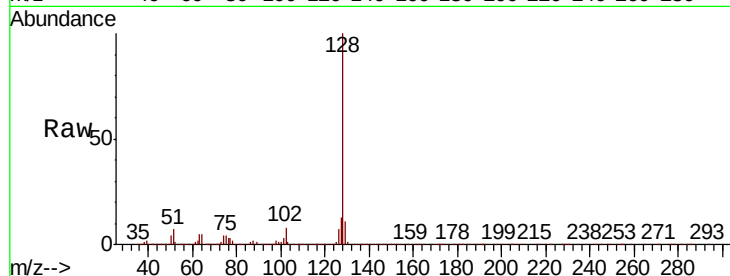




#95
Naphthalene
Concen: 19.876 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.502 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014971.D
Acq: 20 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.6
145	29.6	14.5	43.5

