

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014770.D
 Acq On : 30 Jan 2020 11:22
 Operator : JC/SP
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:18:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	422642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286438	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	242171	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	196628	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	749364	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	263302	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	102591	18.423	ug/l	98
3) Chloromethane	1.32	50	104746	18.320	ug/l	98
4) Vinyl Chloride	1.40	62	120257	19.453	ug/l	99
5) Bromomethane	1.64	94	69017	16.436	ug/l	99
6) Chloroethane	1.72	64	74270	20.173	ug/l	96
7) Trichlorofluoromethane	1.92	101	136045	18.900	ug/l	95
8) Diethyl Ether	2.18	74	58438	18.599	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81316	19.243	ug/l	97
10) Methyl Iodide	2.50	142	97124	17.516	ug/l	97
11) Tert butyl alcohol	3.02	59	92652	83.616	ug/l	96
12) 1,1-Dichloroethene	2.37	96	77634	18.478	ug/l	97
13) Acrolein	2.28	56	61016	69.838	ug/l	100
14) Allyl chloride	2.72	41	140043	18.544	ug/l	98
15) Acrylonitrile	3.13	53	235812	91.978	ug/l	99
16) Acetone	2.43	43	237663	87.959	ug/l	99
17) Carbon Disulfide	2.56	76	197824	17.228	ug/l	100
18) Methyl Acetate	2.76	43	144039	18.655	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	264460	19.217	ug/l	100
20) Methylene Chloride	2.85	84	91968	18.374	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	86127	18.618	ug/l	99
22) Diisopropyl ether	3.84	45	291373	19.393	ug/l	98
23) Vinyl Acetate	3.80	43	1085271	94.757	ug/l	100
24) 1,1-Dichloroethane	3.69	63	156028	19.122	ug/l	99
25) 2-Butanone	4.65	43	340084	87.751	ug/l	98
26) 2,2-Dichloropropane	4.57	77	123893	18.970	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96894	18.715	ug/l	99
28) Bromochloromethane	5.00	49	63680	17.760	ug/l	96
29) Tetrahydrofuran	5.11	42	206409	89.735	ug/l	99
30) Chloroform	5.20	83	154238	19.082	ug/l	99
31) Cyclohexane	5.57	56	138444	18.040	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	130575	19.111	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115824	20.204	ug/l	99
37) Ethyl Acetate	4.81	43	124832	19.012	ug/l	100
38) Carbon Tetrachloride	5.77	117	110830	20.243	ug/l	97

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 ClientSampleId :

Quant Time: Jan 31 04:18:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	138138	19.234	ug/l	98
40) Benzene	6.13	78	352298	19.889	ug/l	99
41) Methacrylonitrile	5.03	41	67904	17.964	ug/l	96
42) 1,2-Dichloroethane	6.18	62	125467	20.512	ug/l	99
43) Isopropyl Acetate	6.43	43	203021	18.882	ug/l	99
44) Trichloroethene	7.21	130	97453	19.478	ug/l	99
45) 1,2-Dichloropropane	7.50	63	90695	19.875	ug/l	100
46) Dibromomethane	7.65	93	59474	20.124	ug/l	97
47) Bromodichloromethane	7.89	83	117943	20.347	ug/l	94
48) Methyl methacrylate	7.76	41	100159	19.497	ug/l	98
49) 1,4-Dioxane	7.73	88	42497	390.248	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	653683	96.326	ug/l	100
52) Toluene	8.78	92	223206	20.500	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124194	19.898	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140590	20.475	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	91144	20.445	ug/l	99
56) Ethyl methacrylate	9.17	69	133988	18.881	ug/l	98
57) 1,3-Dichloropropane	9.37	76	155310	20.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	215049	95.922	ug/l	99
59) 2-Hexanone	9.48	43	503699	95.652	ug/l	100
60) Dibromochloromethane	9.57	129	93019	19.991	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94052	19.954	ug/l	100
64) Tetrachloroethene	9.33	164	111498	19.949	ug/l	99
65) Chlorobenzene	10.13	112	238116	19.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88074	19.779	ug/l	100
67) Ethyl Benzene	10.25	91	418867	20.312	ug/l	100
68) m/p-Xylenes	10.35	106	319732	40.926	ug/l	100
69) o-Xylene	10.70	106	149551	19.829	ug/l	100
70) Styrene	10.71	104	256720	20.292	ug/l	100
71) Bromoform	10.85	173	69693	19.681	ug/l #	99
73) Isopropylbenzene	11.01	105	411445	20.429	ug/l	99
74) N-amyl acetate	10.89	43	170458	19.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133355	18.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	151138	22.679	ug/l	92
77) Bromobenzene	11.25	156	107074	19.789	ug/l	97
78) n-propylbenzene	11.35	91	466856	20.421	ug/l	99
79) 2-Chlorotoluene	11.42	91	281055	20.318	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	341475	20.428	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41448	17.700	ug/l	97
82) 4-Chlorotoluene	11.51	91	318891	20.250	ug/l	99
83) tert-Butylbenzene	11.76	119	320264	20.389	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	342841	20.448	ug/l	99
85) sec-Butylbenzene	11.94	105	394763	20.515	ug/l	100
86) p-Isopropyltoluene	12.06	119	365452	20.551	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189838	19.523	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187663	19.266	ug/l	98
89) n-Butylbenzene	12.38	91	303840	19.618	ug/l	100
90) Hexachloroethane	12.59	117	62569	18.943	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	190662	19.742	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27274	17.653	ug/l	98

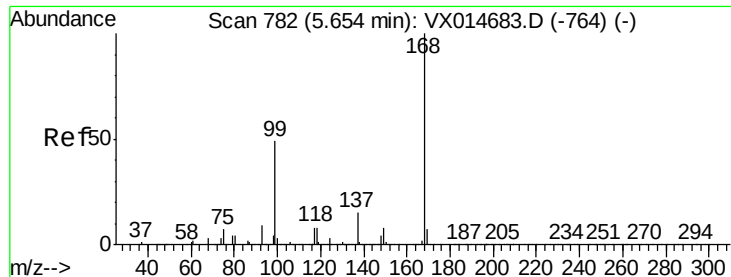
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013020\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122590	19.688	ug/l	99
94) Hexachlorobutadiene	13.77	225	66665	20.802	ug/l	99
95) Naphthalene	13.83	128	353531	18.211	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127191	20.202	ug/l	97

(#) = 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: VX014770.D

Acq: 30 Jan 2020 11:22

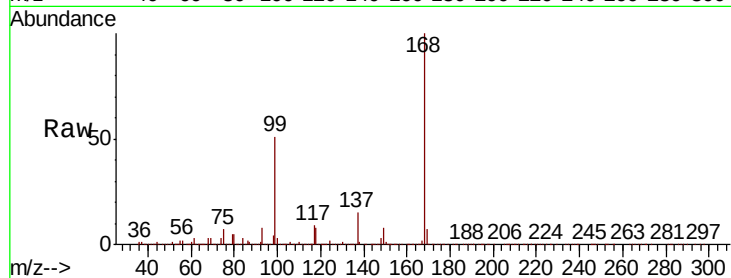
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 422642

Ion Ratio Lower Upper

168 100

99 51.3 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

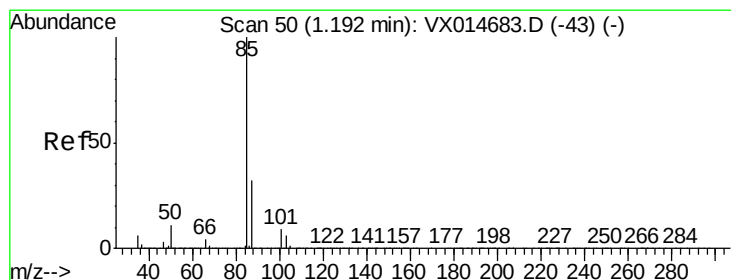
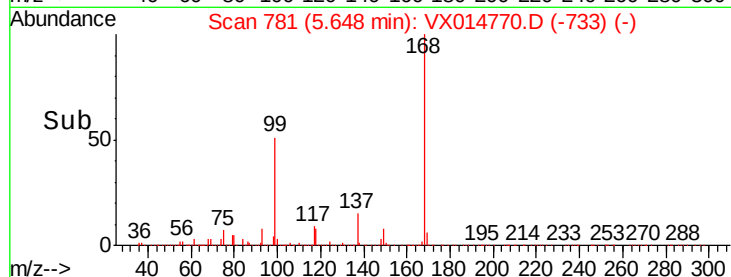
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.423 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014770.D

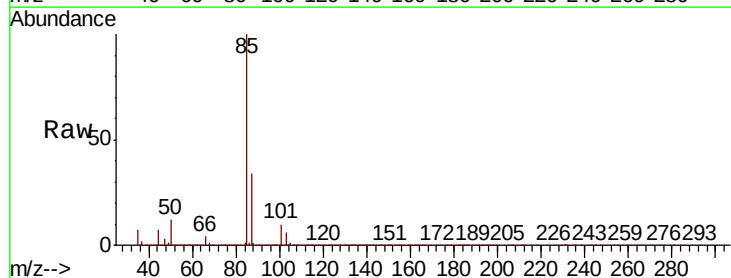
Acq: 30 Jan 2020 11:22

Tgt Ion: 85 Resp: 102591

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

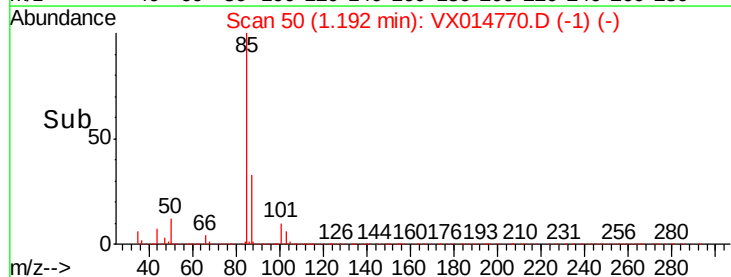
40000

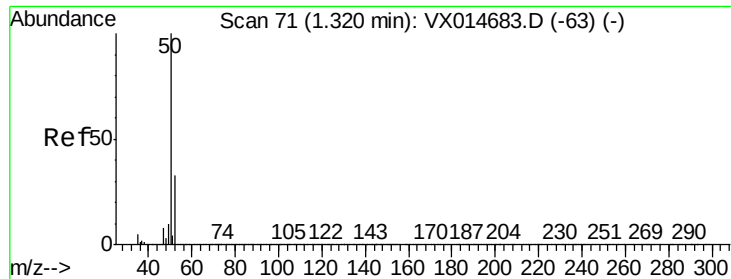
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.320 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

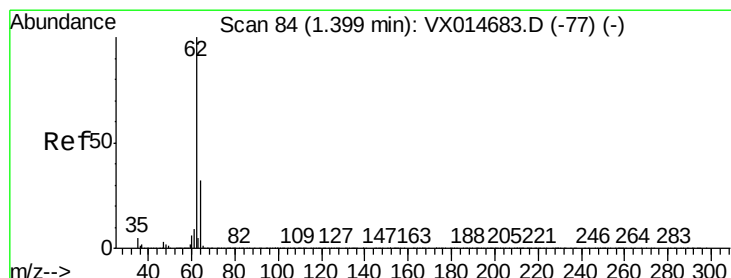
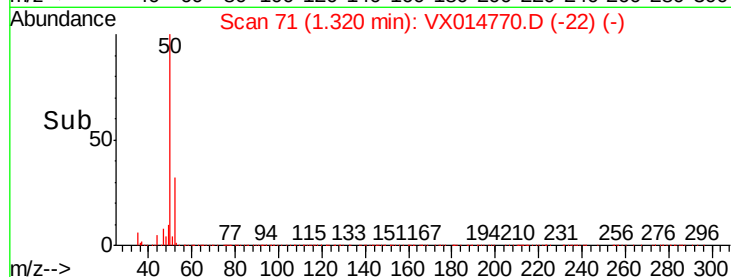
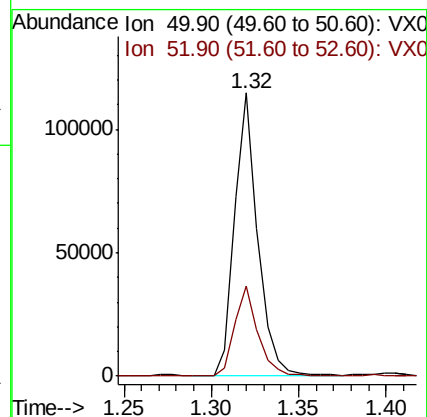
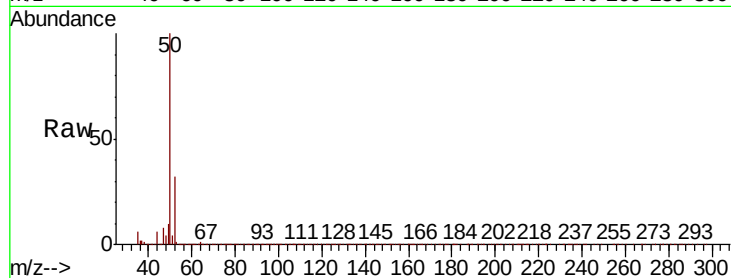
ClientSampled :

Tot Ion: 50 Resp: 104746

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2



#4

Vinyl Chloride

Concen: 19.453 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014770.D

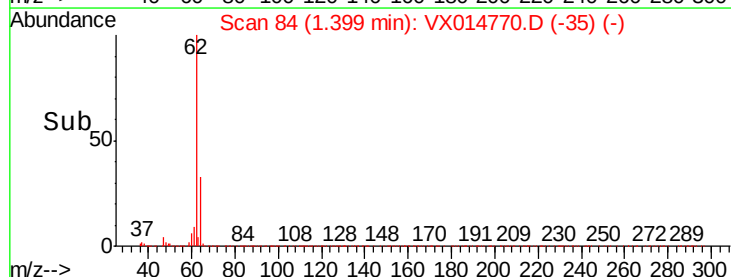
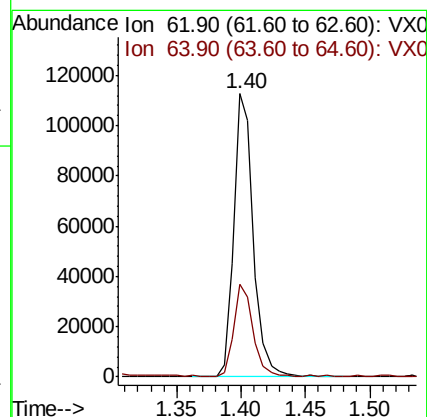
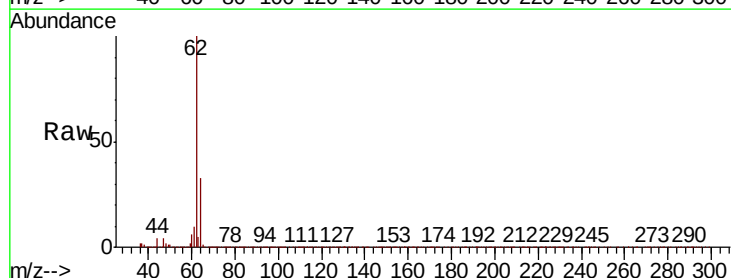
Acq: 30 Jan 2020 11:22

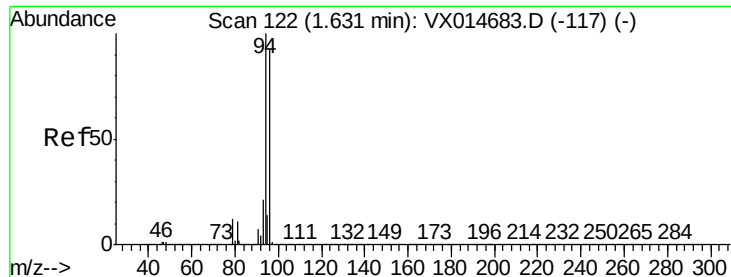
Tgt Ion: 62 Resp: 120257

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 16.436 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

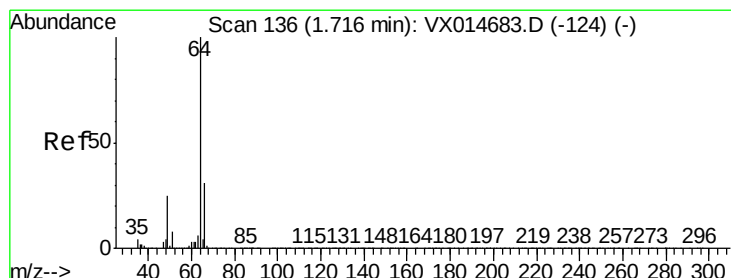
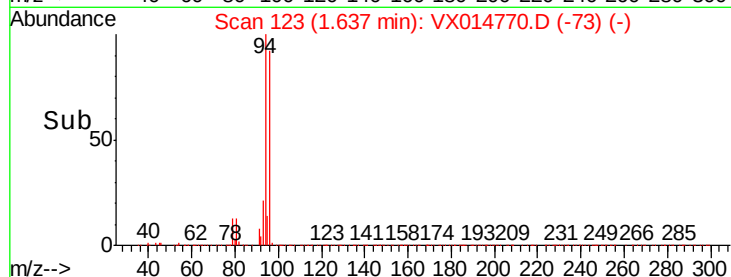
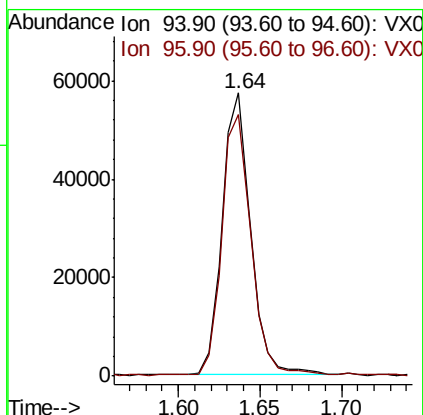
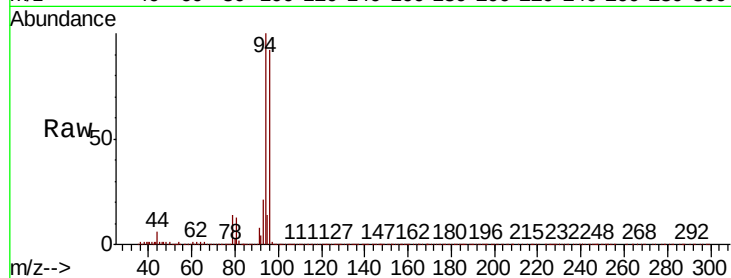
ClientSampleId :

Tot Ion: 94 Resp: 69017

Ion Ratio Lower Upper

94 100

96 92.4 74.7 112.1



#6

Chloroethane

Concen: 20.173 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014770.D

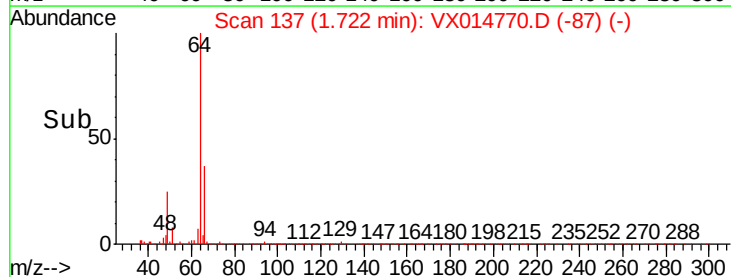
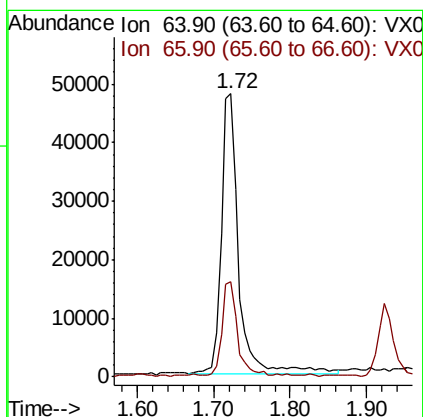
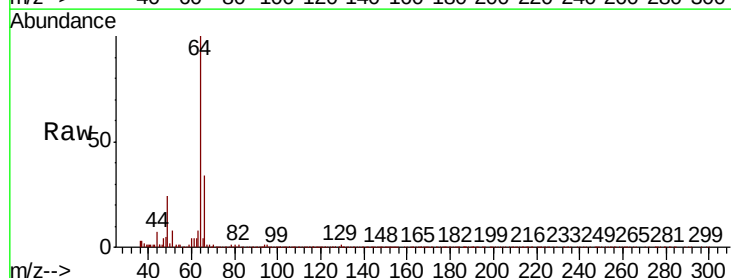
Acq: 30 Jan 2020 11:22

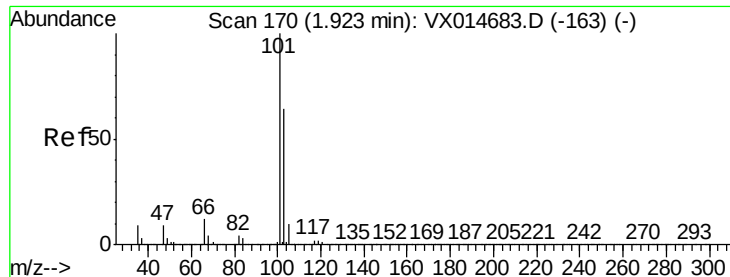
Tgt Ion: 64 Resp: 74270

Ion Ratio Lower Upper

64 100

66 33.5 25.2 37.8



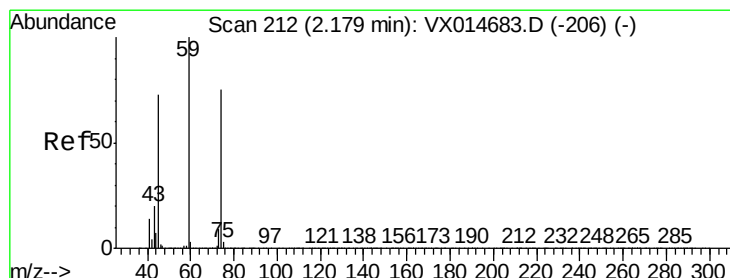
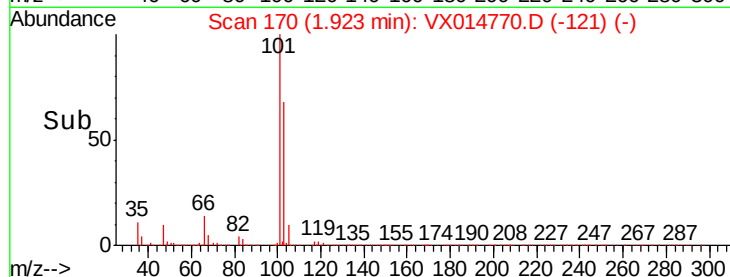
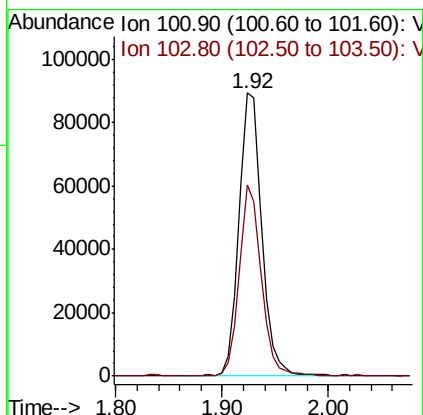
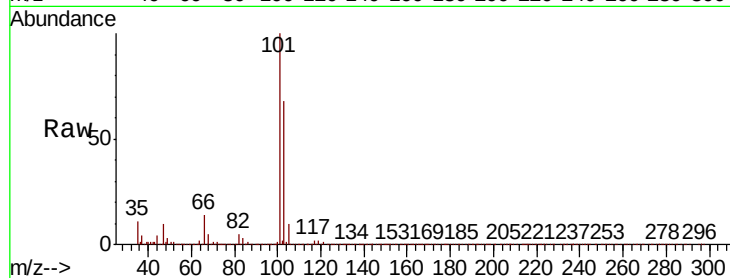


#7

Trichlorofluoromethane
Concen: 18.900 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :

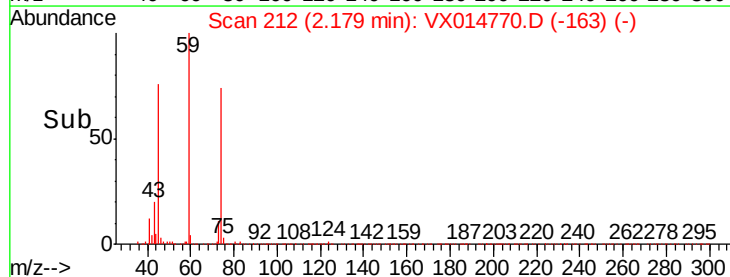
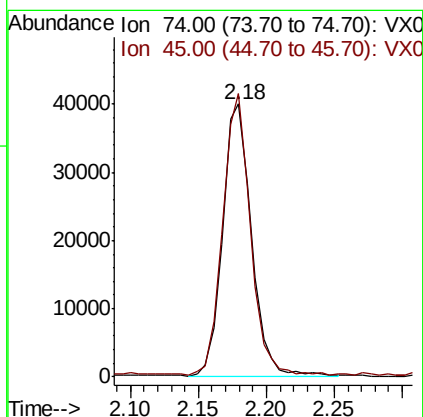
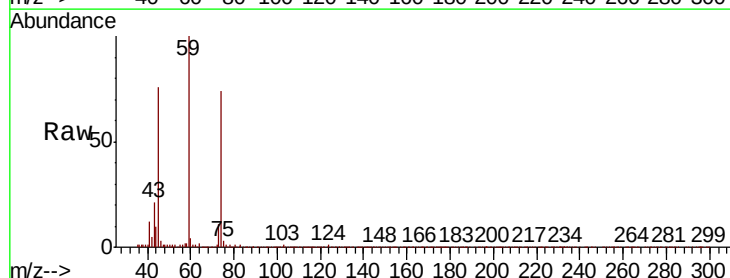
Tot Ion:101 Resp: 136045
Ion Ratio Lower Upper
101 100
103 67.4 51.0 76.6

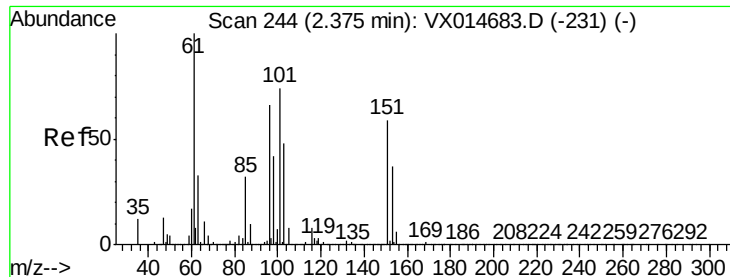


#8

Diethyl Ether
Concen: 18.599 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 74 Resp: 58438
Ion Ratio Lower Upper
74 100
45 98.1 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.243 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

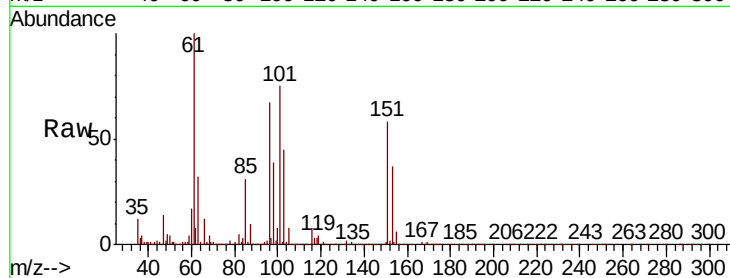
Tot Ion:101 Resp: 81316

Ion Ratio Lower Upper

101 100

85 44.3 34.7 52.1

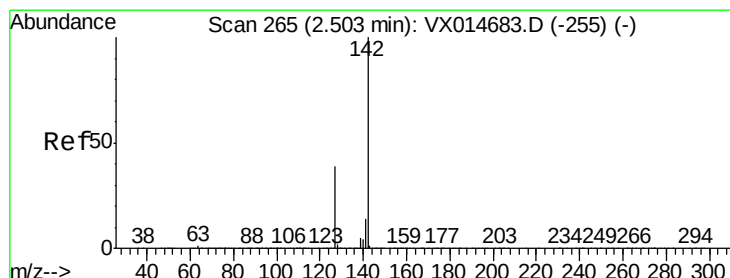
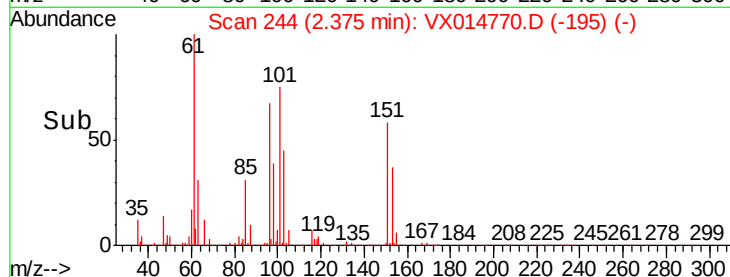
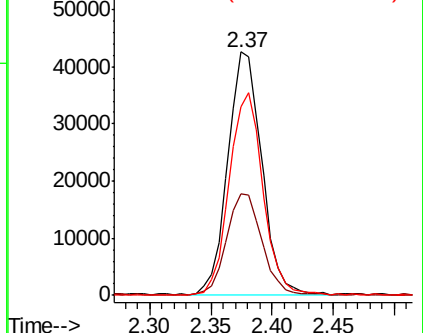
151 83.7 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.516 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

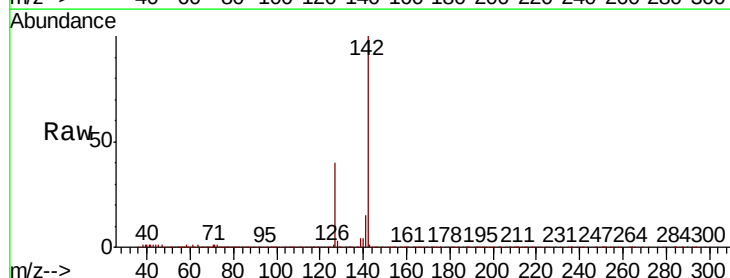
Tgt Ion:142 Resp: 97124

Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

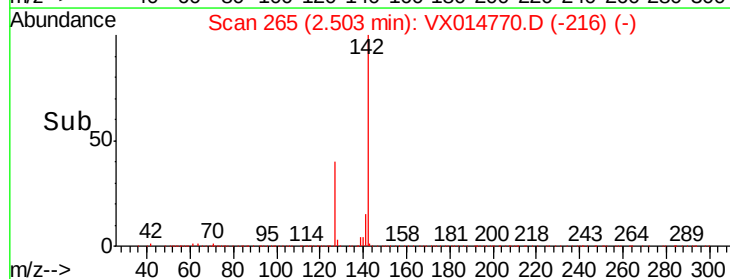
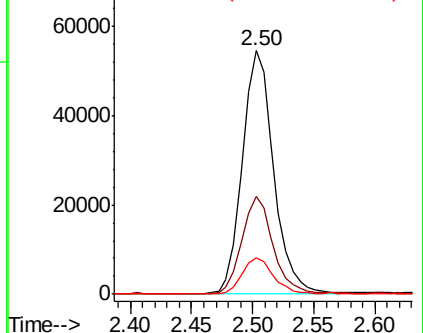
141 15.1 11.3 16.9

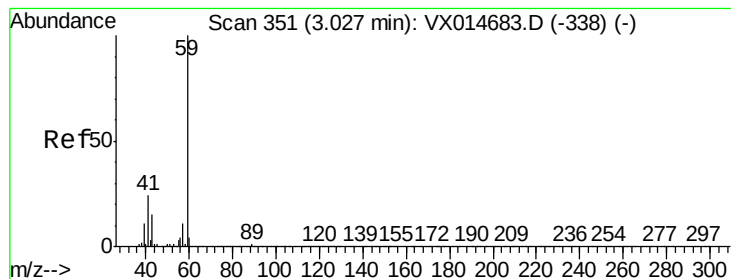


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



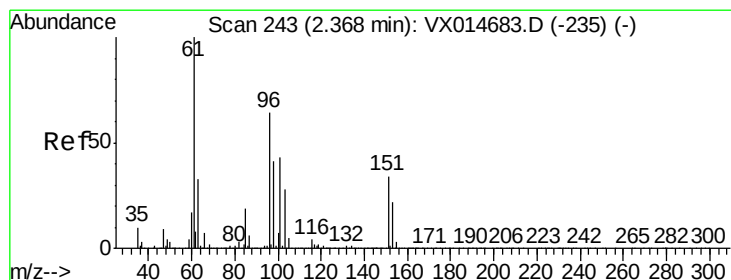
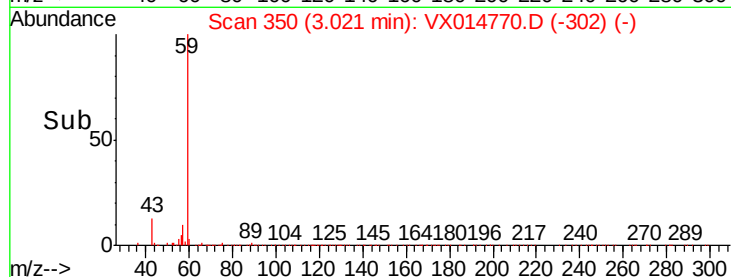
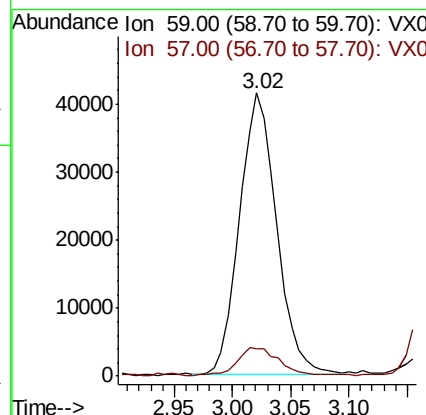
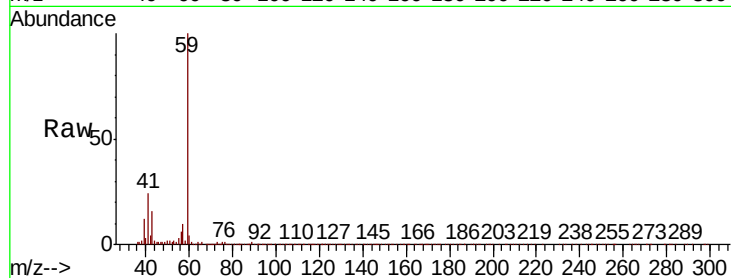


#11

Tert butyl alcohol
 Concen: 83.616 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampled :

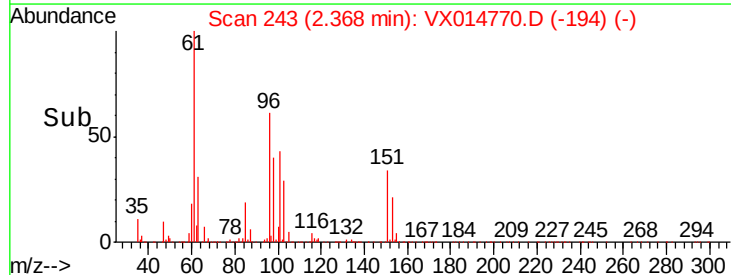
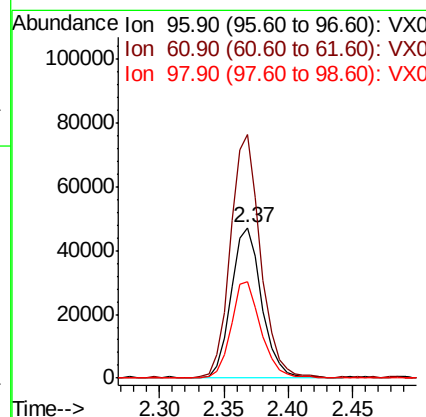
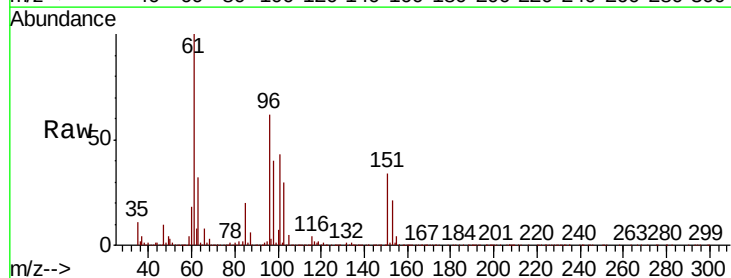
Tot Ion: 59 Resp: 92652
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.3 12.5

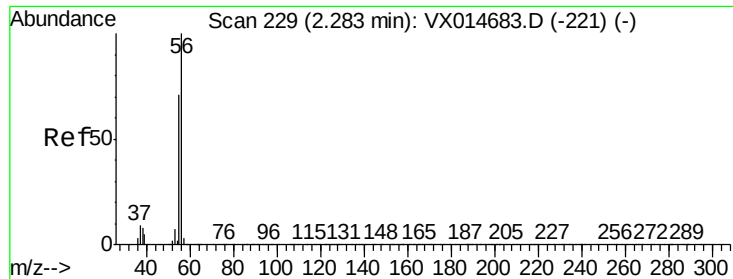


#12

1,1-Dichloroethene
 Concen: 18.478 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion: 96 Resp: 77634
 Ion Ratio Lower Upper
 96 100
 61 162.0 125.8 188.8
 98 64.4 51.5 77.3

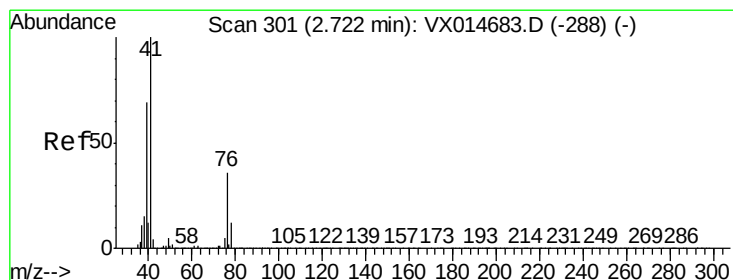
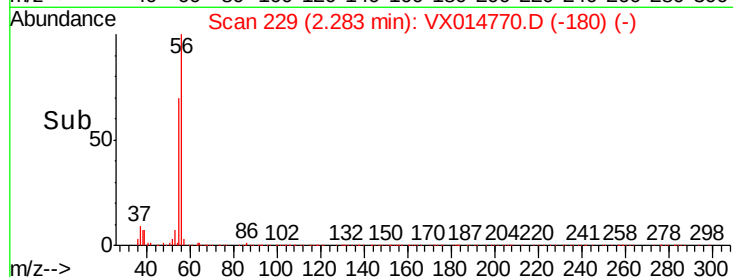
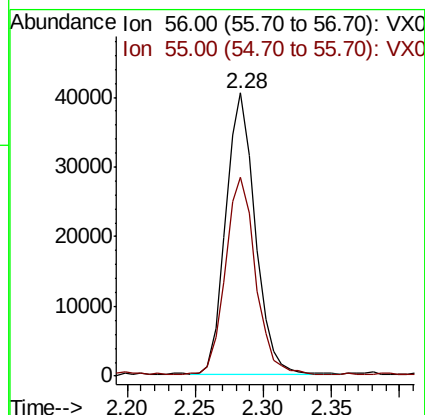
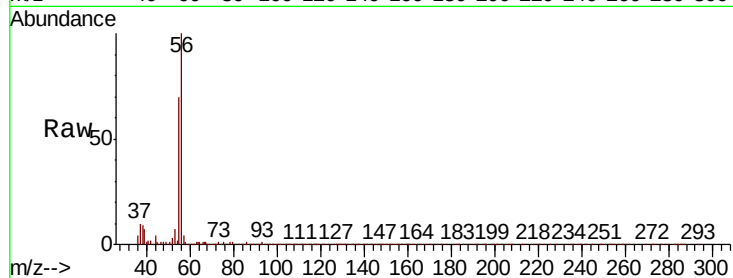




#13
Acrolein
Concen: 69.838 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

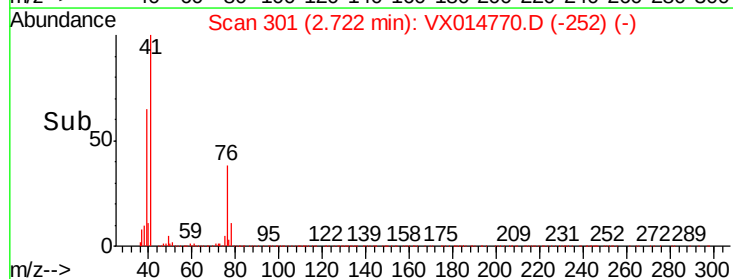
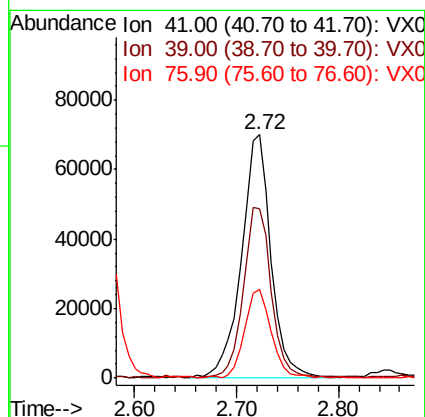
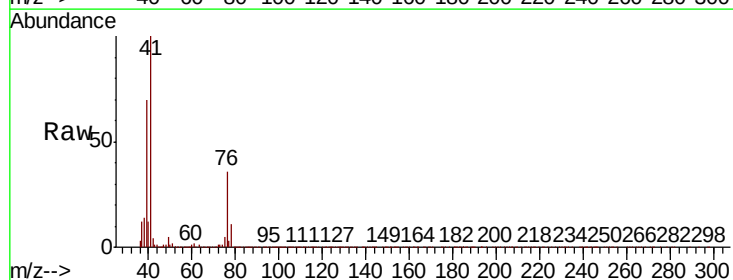
Instrument :
MSVOA_X
ClientSampleId :

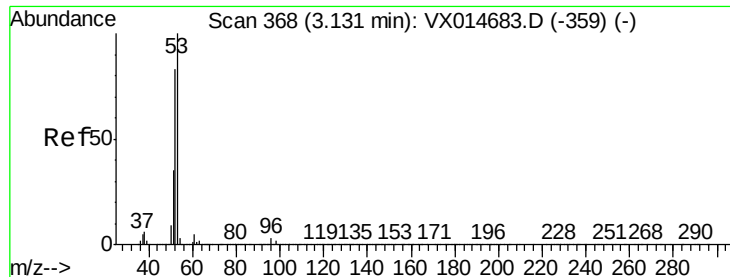
Tot Ion: 56 Resp: 61016
Ion Ratio Lower Upper
56 100
55 70.7 56.6 84.8



#14
Allyl chloride
Concen: 18.544 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 41 Resp: 140043
Ion Ratio Lower Upper
41 100
39 67.5 52.0 78.0
76 32.0 26.0 39.0





#15

Acrylonitrile

Concen: 91.978 ug/l

RT: 3.13 min Scan# 368

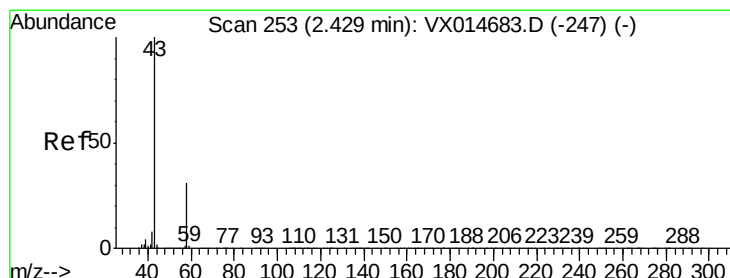
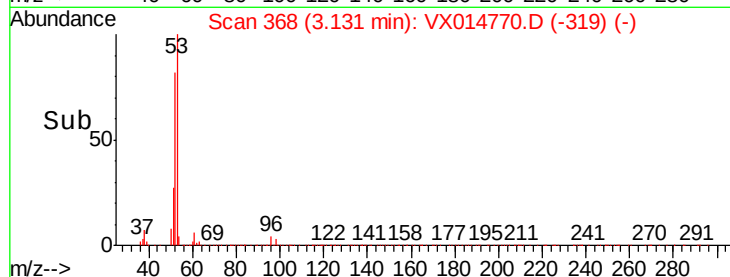
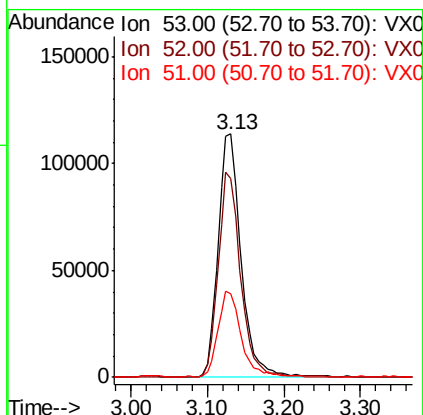
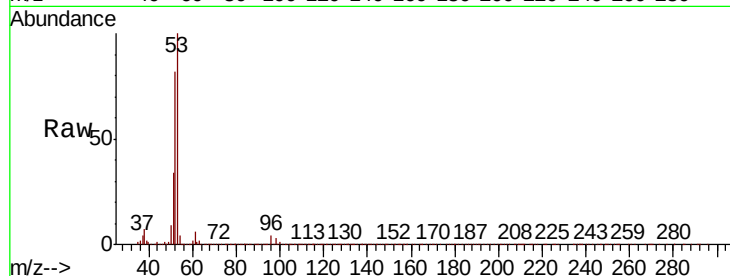
Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	235812
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.4	99.6
51	35.4	28.7	43.1



#16

Acetone

Concen: 87.959 ug/l

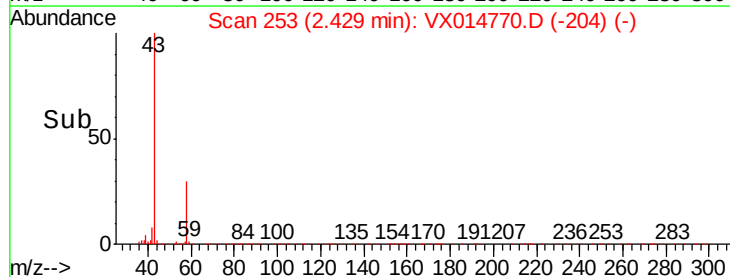
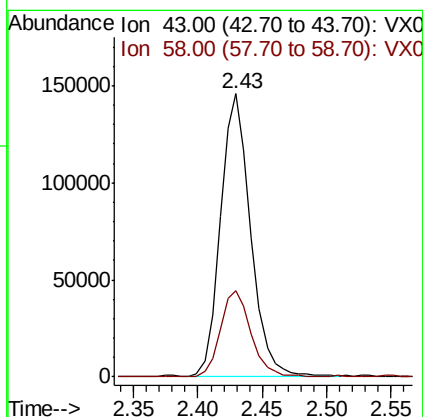
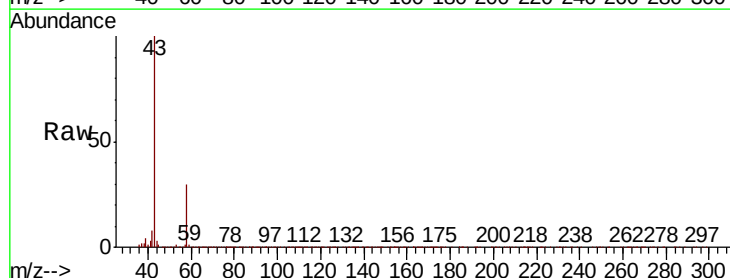
RT: 2.43 min Scan# 253

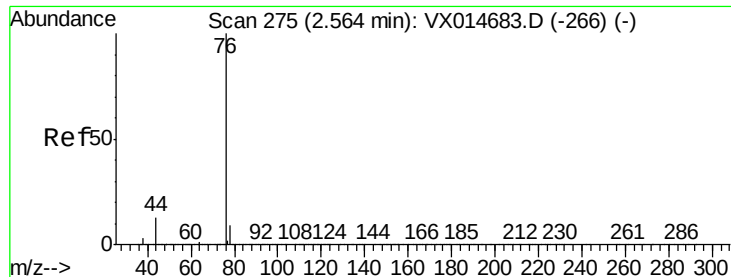
Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	43	Resp:	237663
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.5	36.7





#17

Carbon Disulfide

Concen: 17.228 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

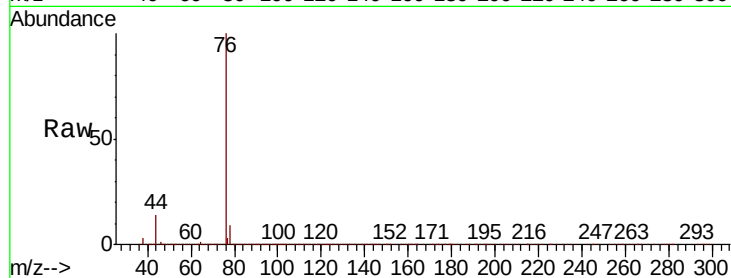
ClientSampleId :

Tot Ion: 76 Resp: 197824

Ion Ratio Lower Upper

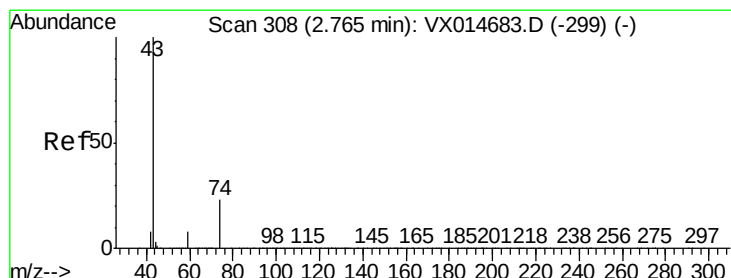
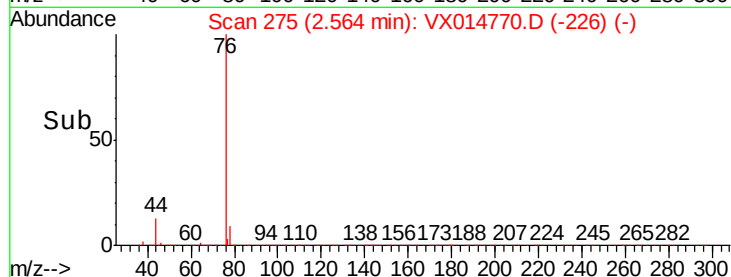
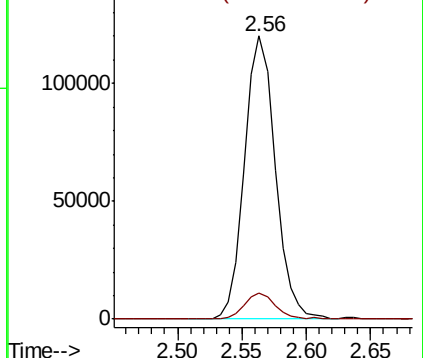
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.655 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014770.D

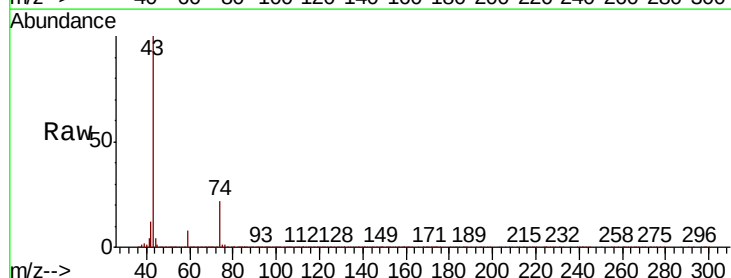
Acq: 30 Jan 2020 11:22

Tgt Ion: 43 Resp: 144039

Ion Ratio Lower Upper

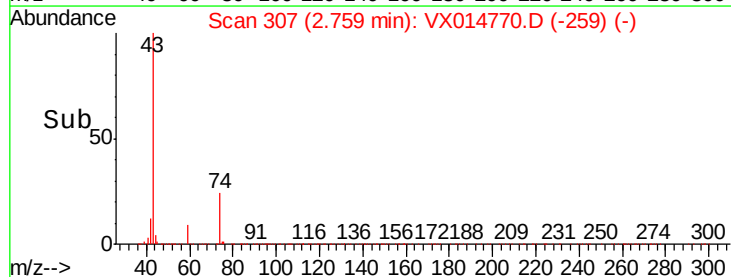
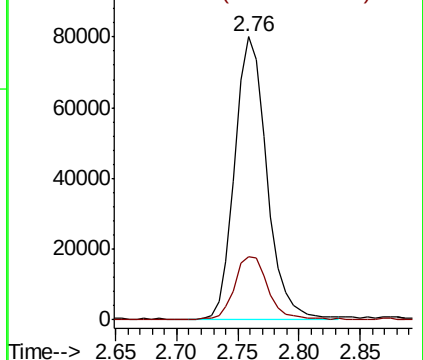
43 100

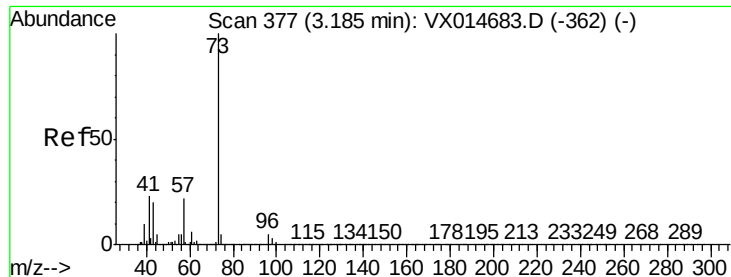
74 23.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

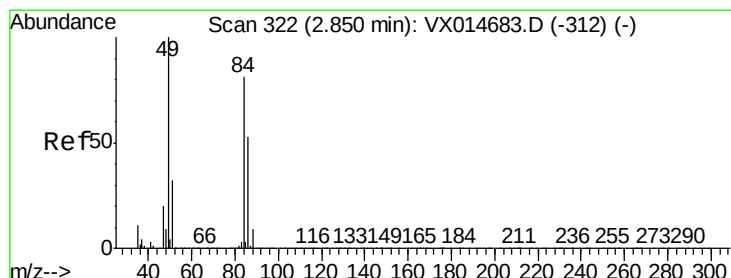
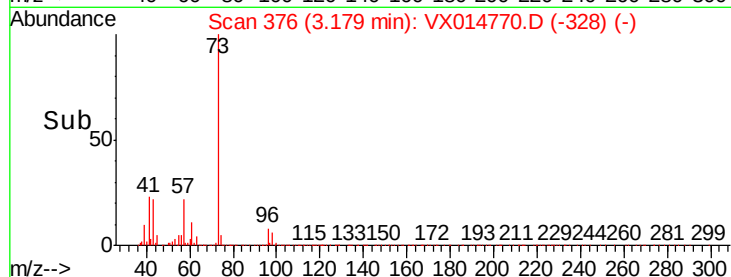
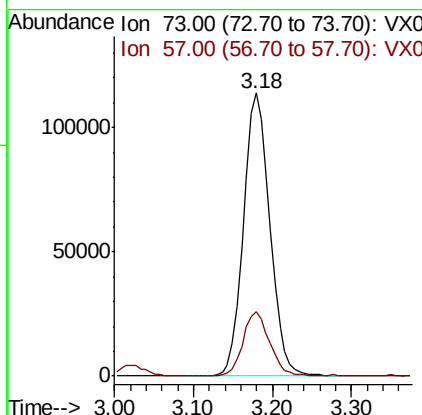
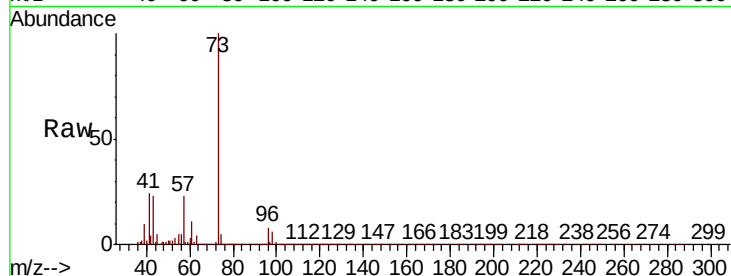




#19
Methyl tert-butyl Ether
Concen: 19.217 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

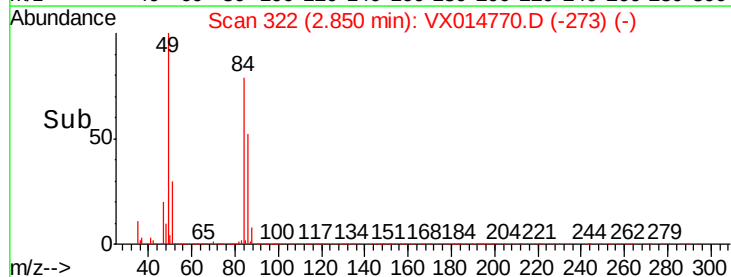
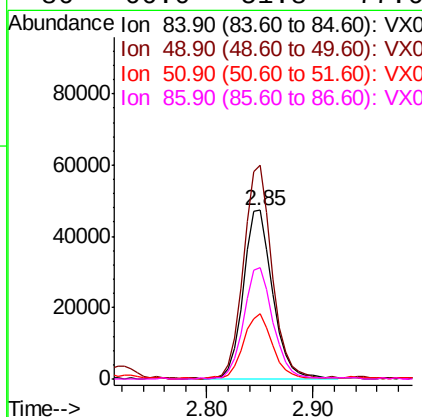
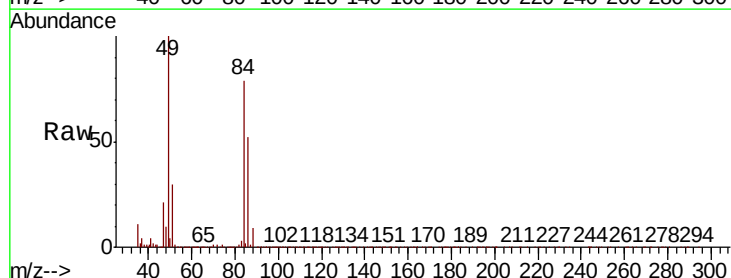
Instrument :
MSVOA_X
ClientSampled :

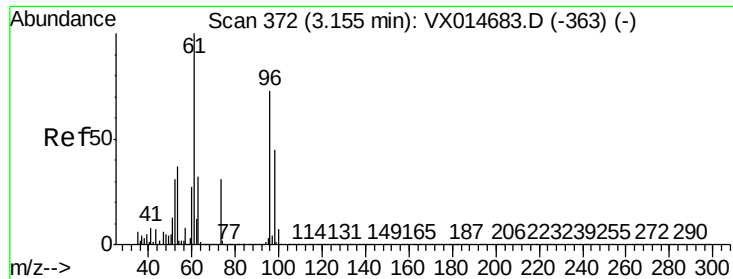
Tot Ion: 73 Resp: 264460
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 18.374 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 84 Resp: 91968
Ion Ratio Lower Upper
84 100
49 126.0 98.2 147.4
51 38.0 31.3 46.9
86 66.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.618 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

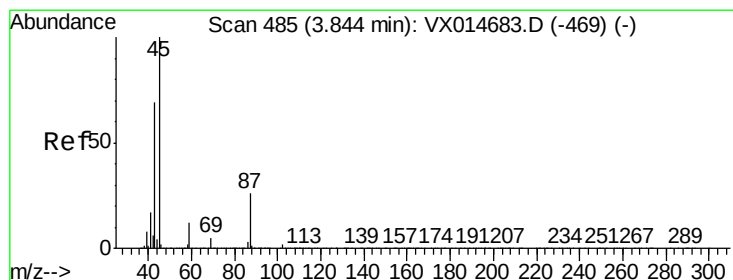
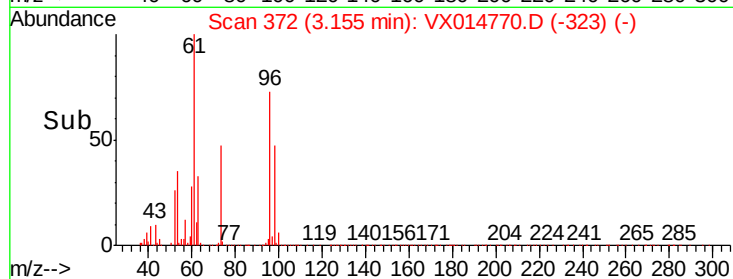
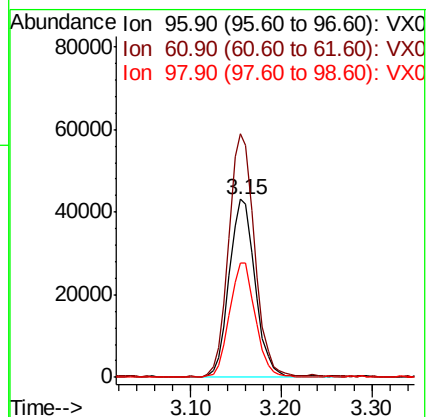
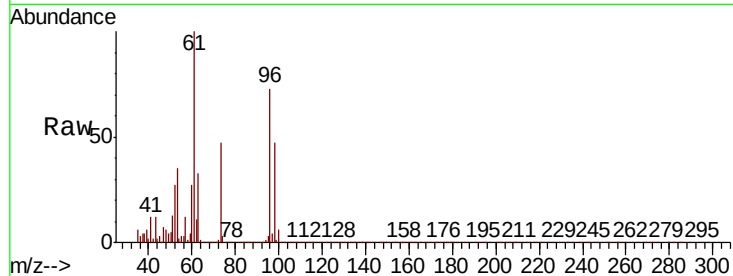
Tot Ion: 96 Resp: 86127

Ion Ratio Lower Upper

96 100

61 136.3 109.8 164.6

98 64.3 49.6 74.4



#22

Diisopropyl ether

Concen: 19.393 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion: 45 Resp: 291373

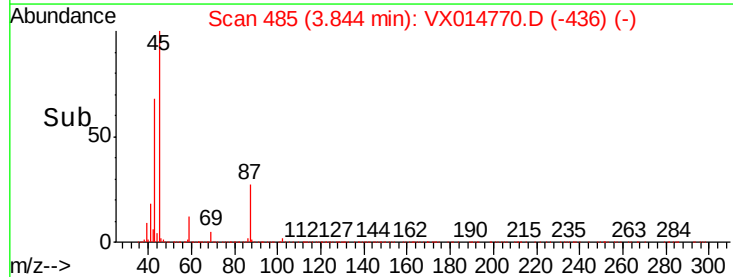
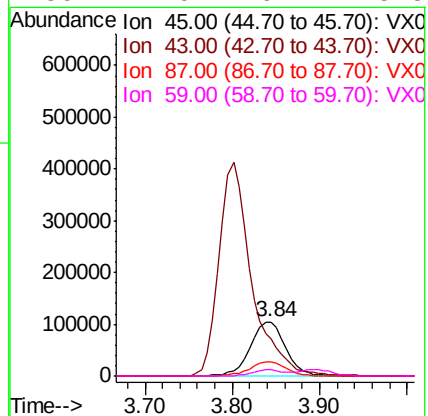
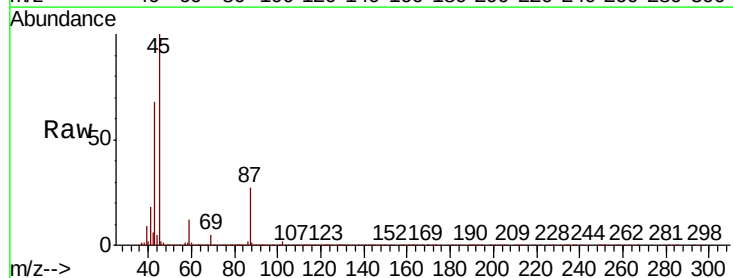
Ion Ratio Lower Upper

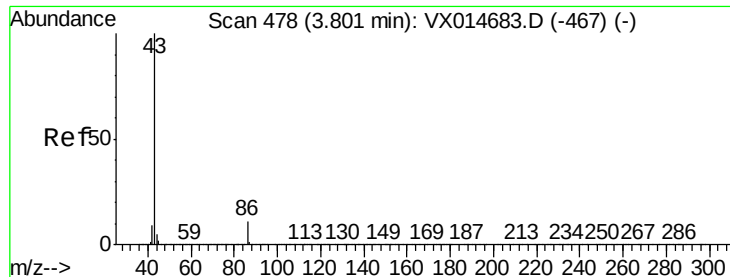
45 100

43 67.3 55.1 82.7

87 26.7 20.7 31.1

59 12.0 9.2 13.8





#23

Vinyl Acetate

Concen: 94.757 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

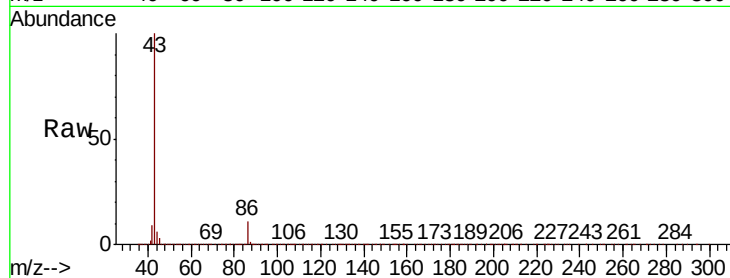
ClientSampleId :

Tot Ion: 43 Resp: 1085271

Ion Ratio Lower Upper

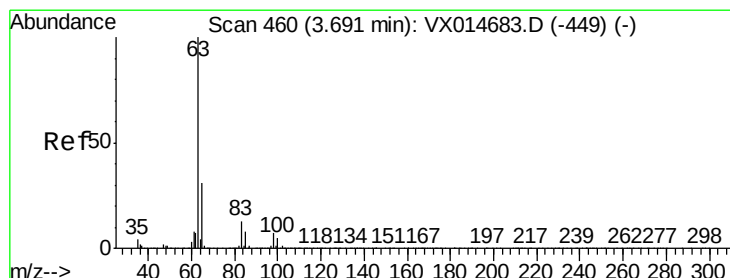
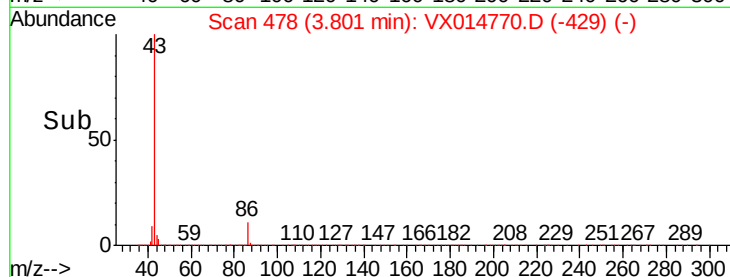
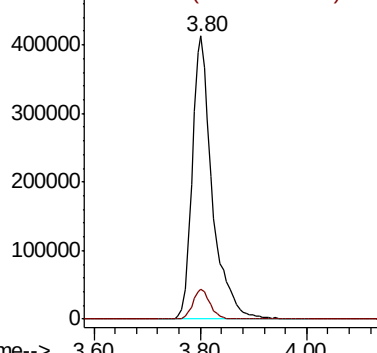
43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.122 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

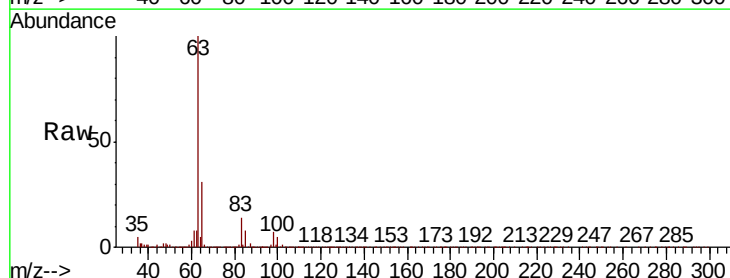
Tgt Ion: 63 Resp: 156028

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

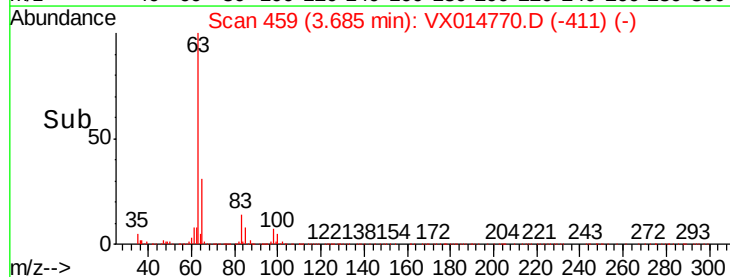
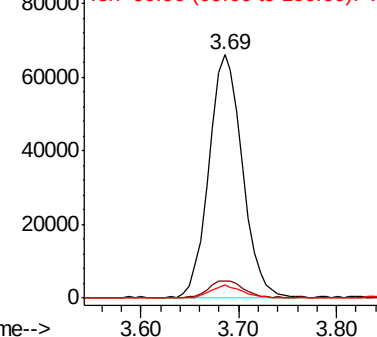
100 5.1 2.2 6.6

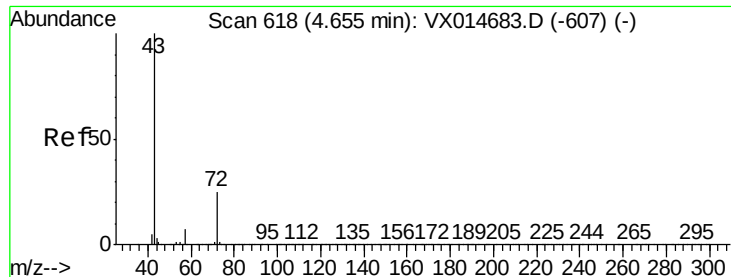


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.751 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

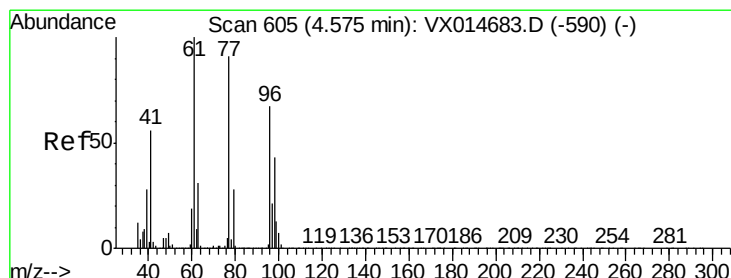
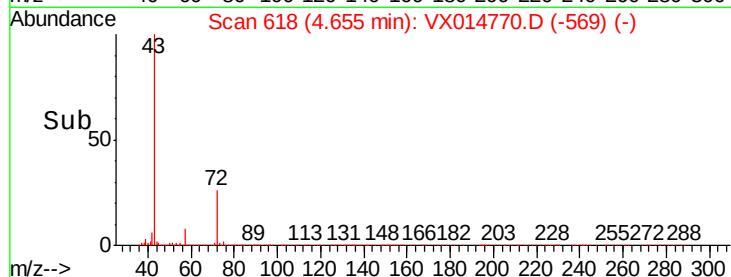
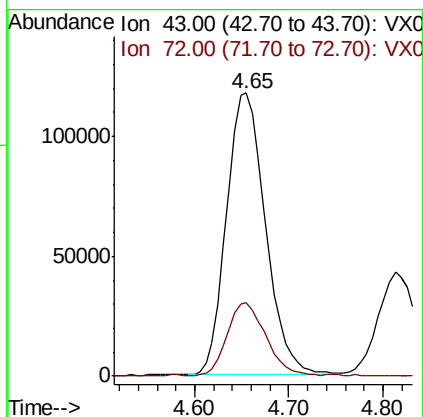
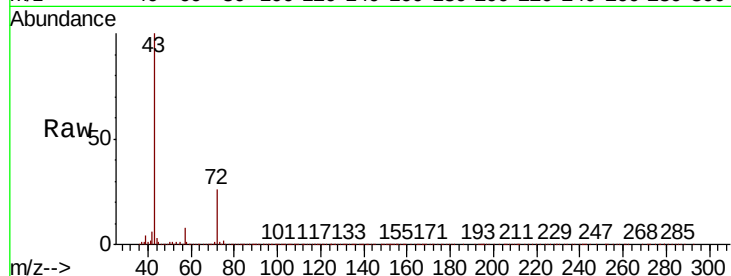
ClientSampleId :

Tot Ion: 43 Resp: 340084

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.970 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014770.D

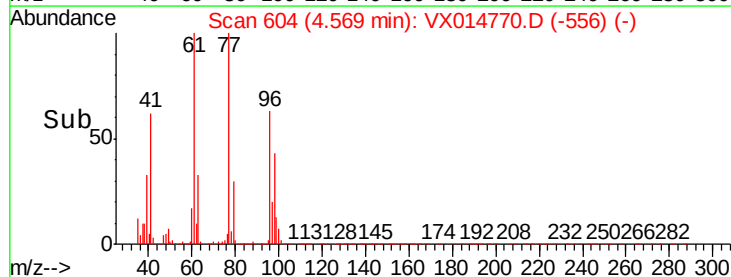
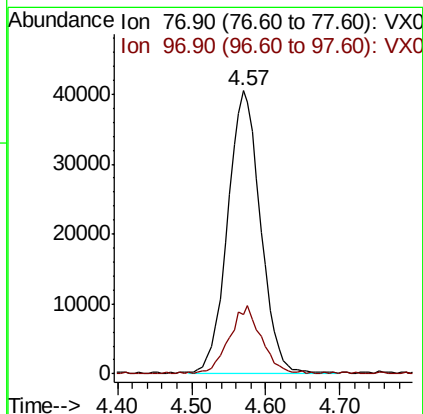
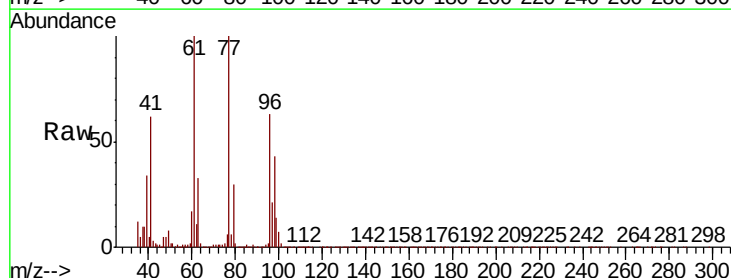
Acq: 30 Jan 2020 11:22

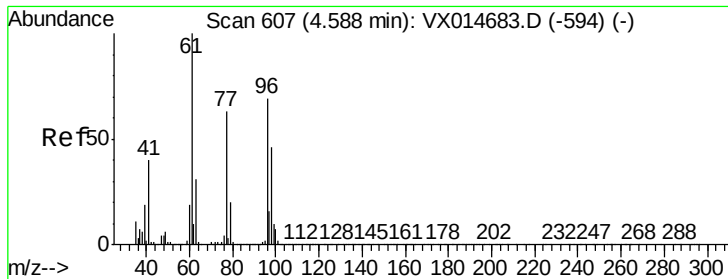
Tgt Ion: 77 Resp: 123893

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.3



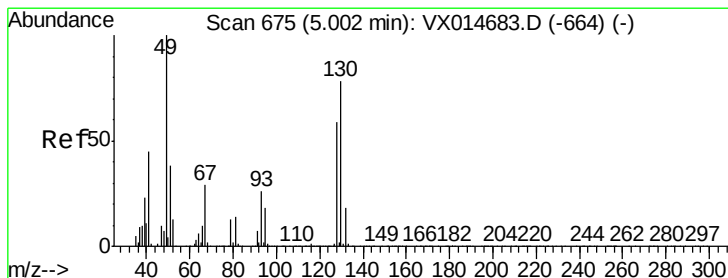
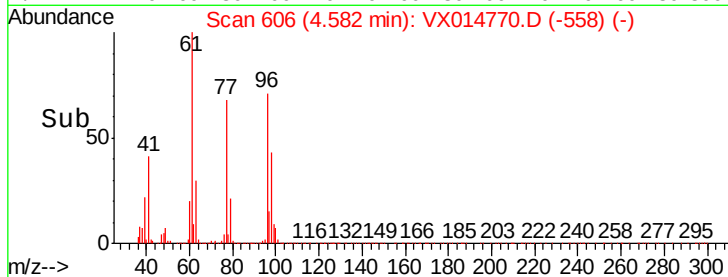
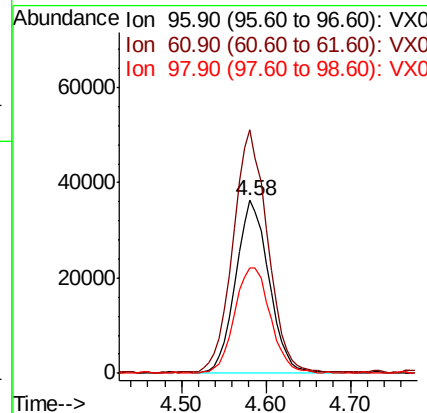
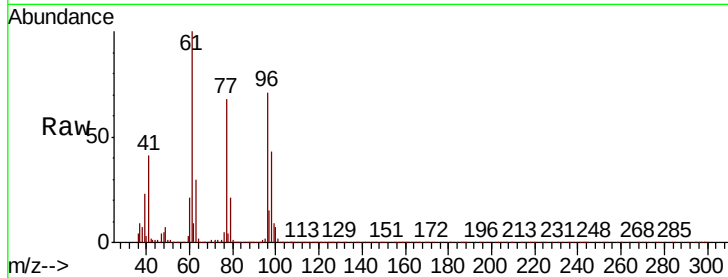


#27

cis-1,2-Dichloroethene
 Concen: 18.715 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :

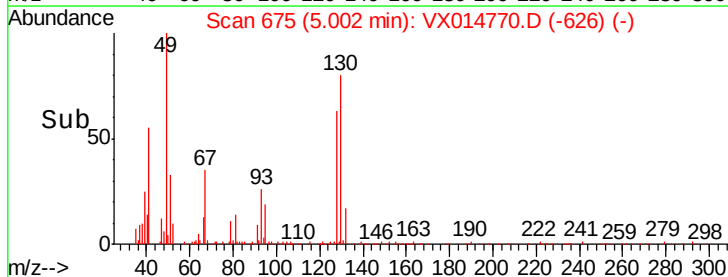
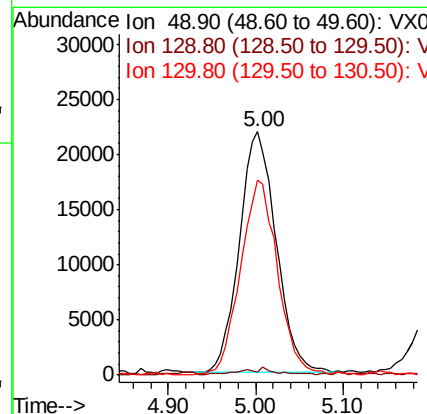
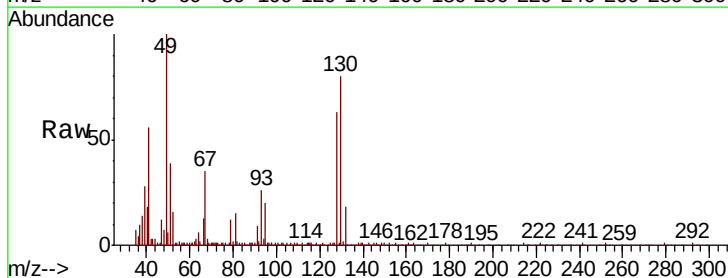
Tot Ion	96	Resp	96894
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	291.0
98	66.0	0.0	129.8

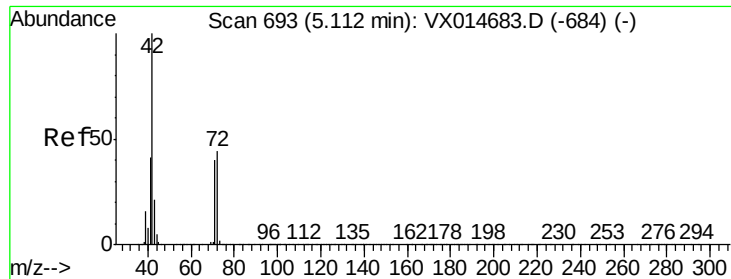


#28

Bromochloromethane
 Concen: 17.760 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	49	Resp	63680
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.8
130	81.8	62.4	93.6

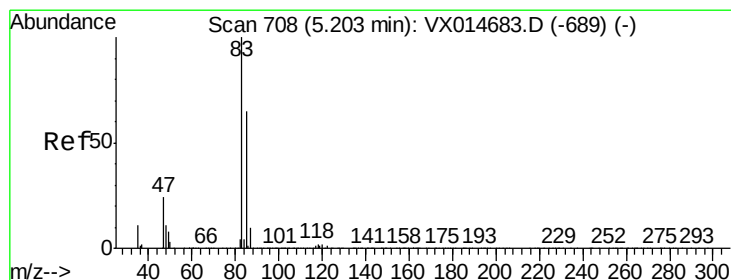
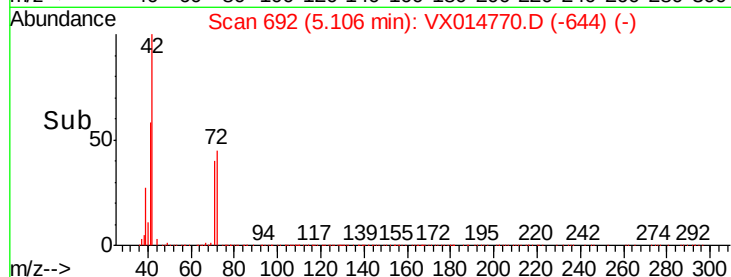
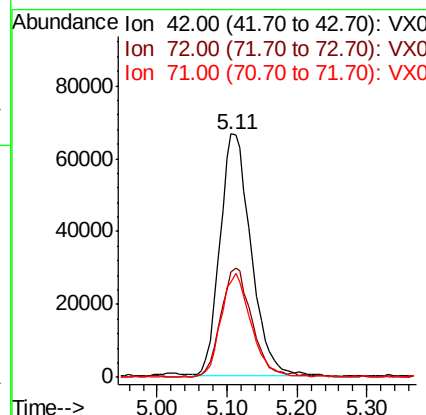
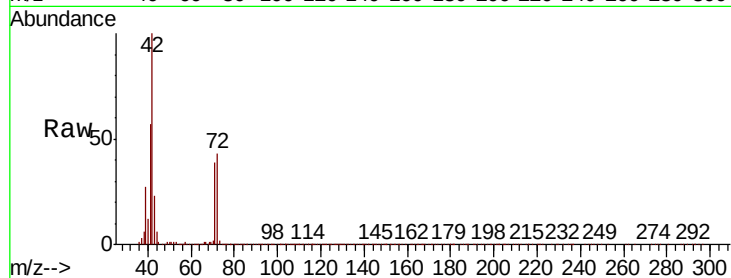




#29
Tetrahydrofuran
Concen: 89.735 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

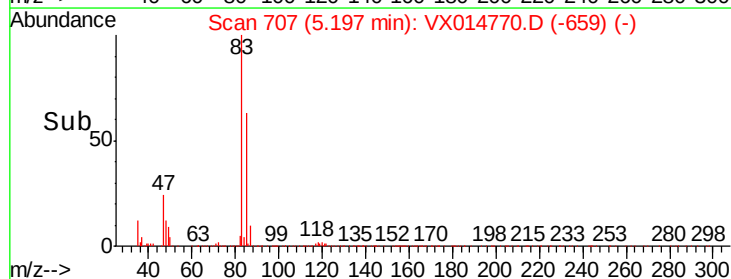
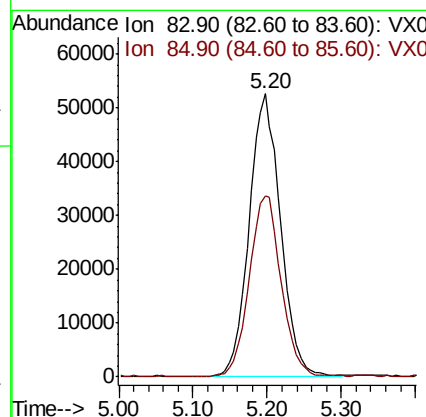
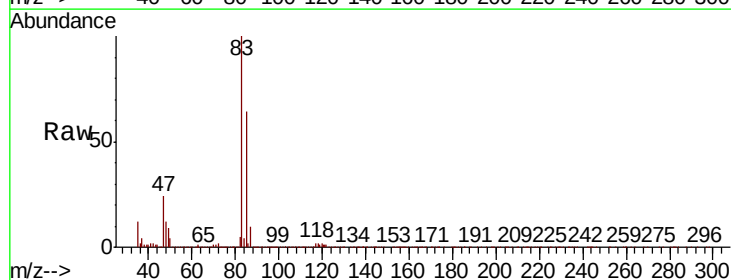
Instrument :
MSVOA_X
ClientSampleId :

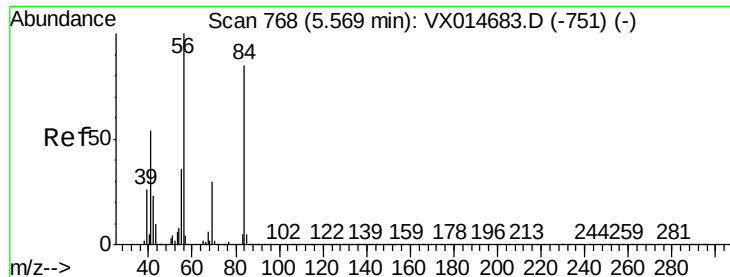
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	40.4	33.1	49.7



#30
Chloroform
Concen: 19.082 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5

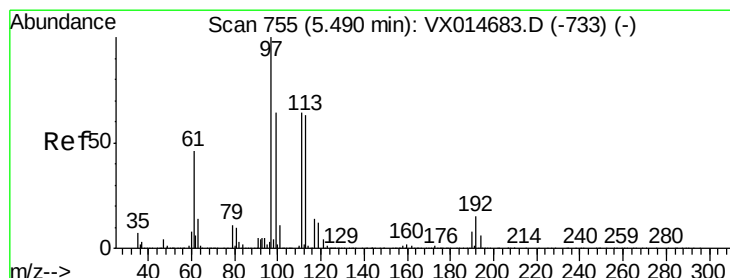
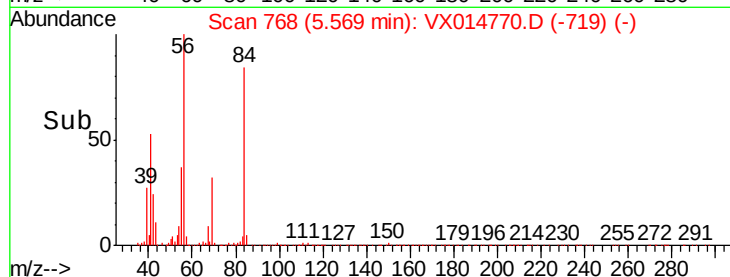
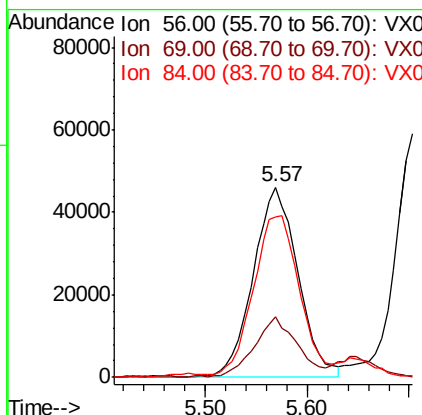
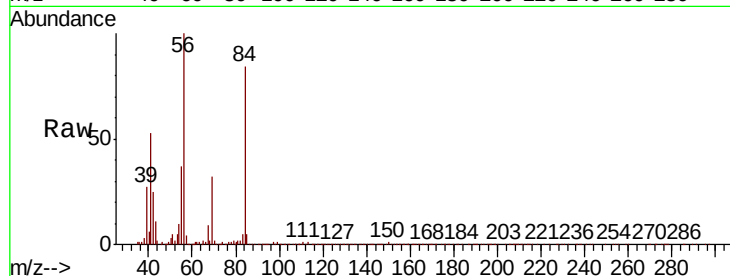




#31
Cyclohexane
Concen: 18.040 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

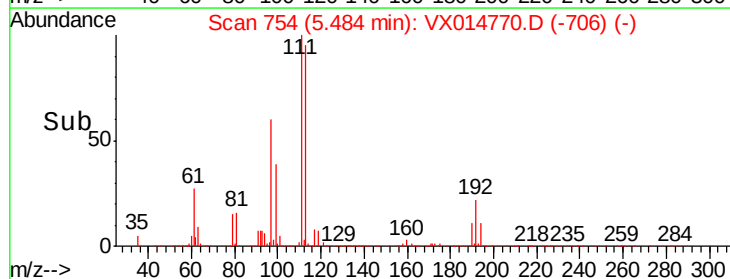
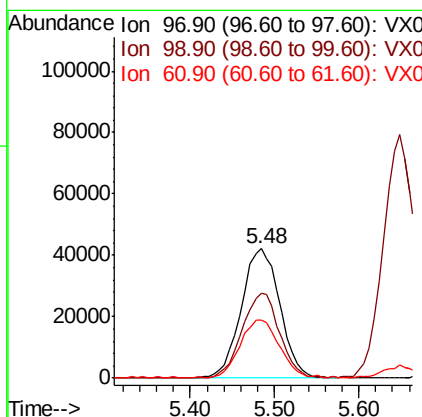
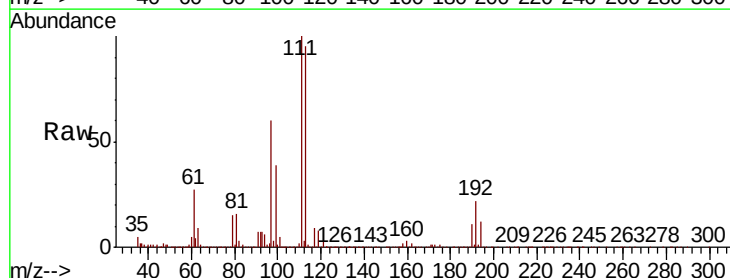
Instrument :
MSVOA_X
ClientSampleId :

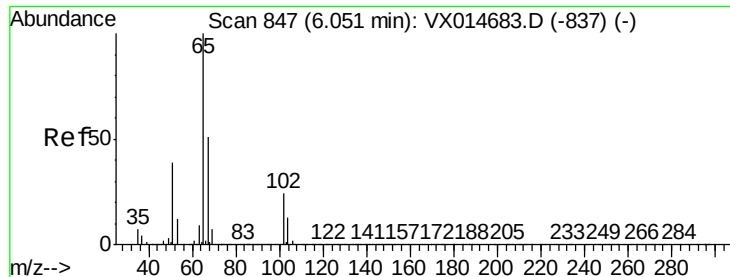
Tot Ion: 56 Resp: 138444
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 82.5 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 19.111 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 97 Resp: 130575
Ion Ratio Lower Upper
97 100
99 63.6 52.3 78.5
61 46.7 37.2 55.8

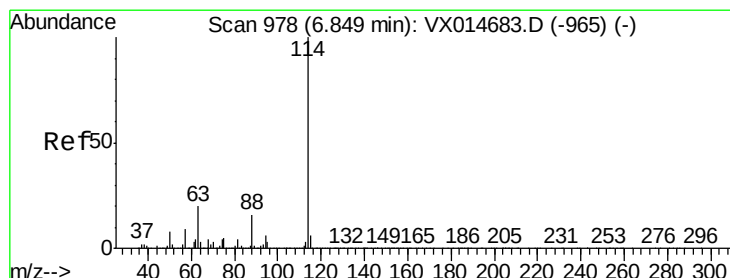
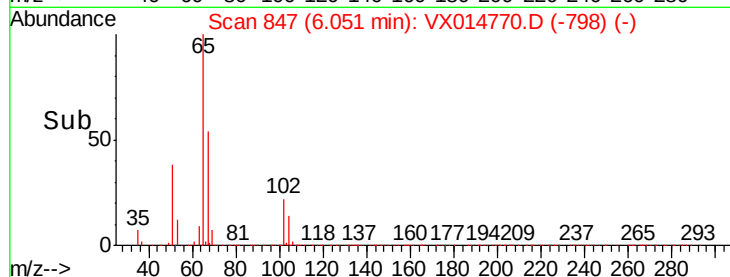
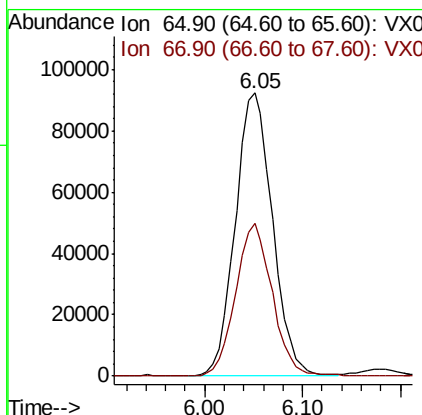
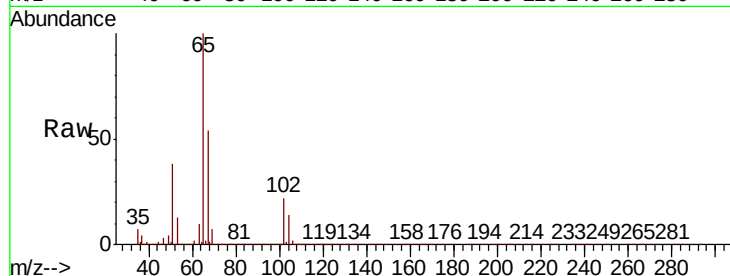




#33
 1,2-Dichloroethane-d4
 Concen: 49.067 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

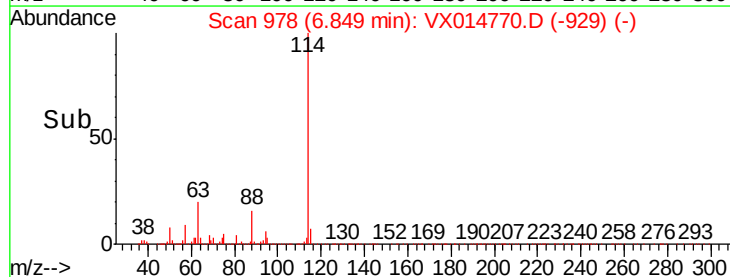
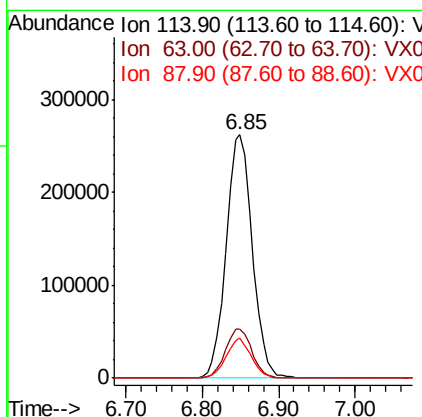
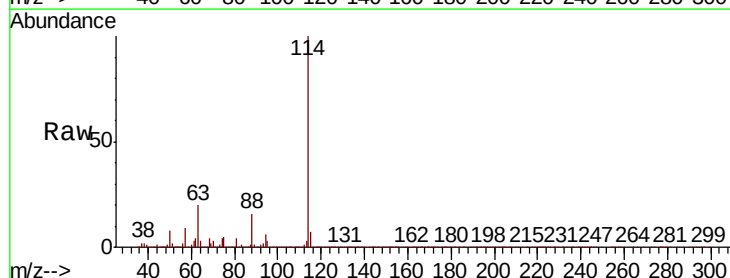
Instrument :
 MSVOA_X
 ClientSampleId :

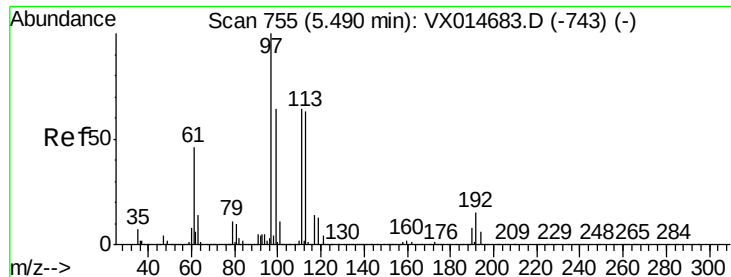
Tot Ion: 65 Resp: 242171
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion: 114 Resp: 616956
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 16.3 0.0 31.2

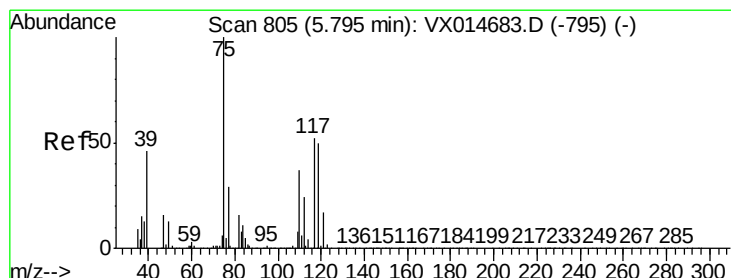
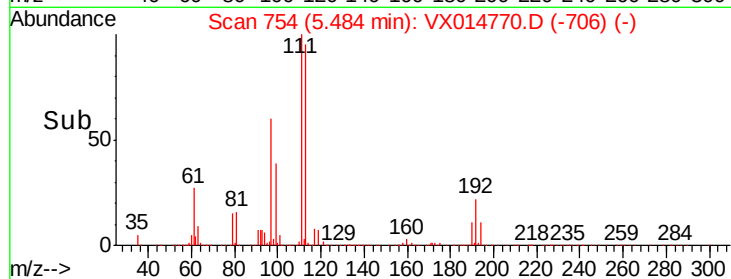
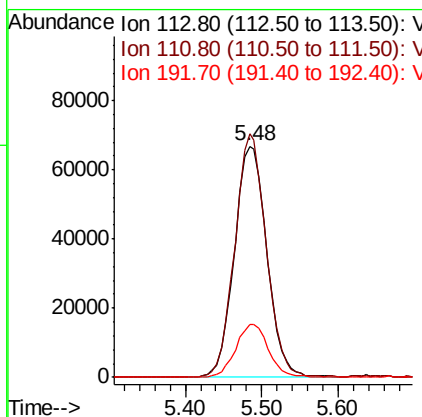
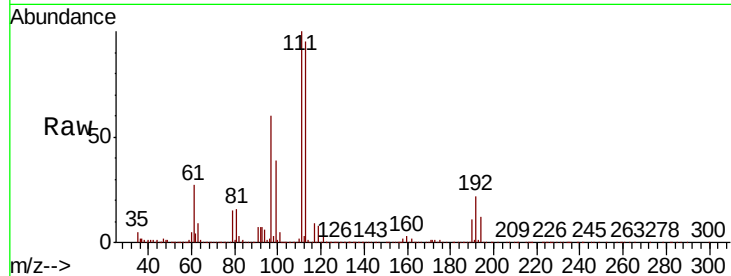




#35
 Dibromofluoromethane
 Concen: 50.509 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

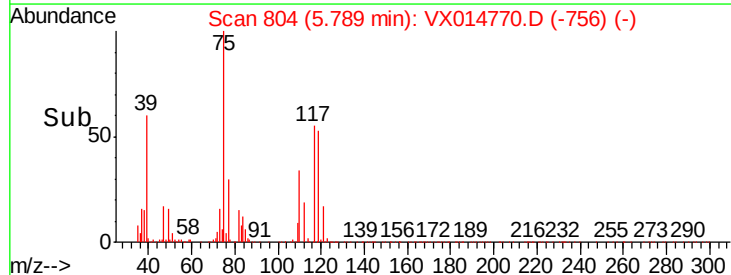
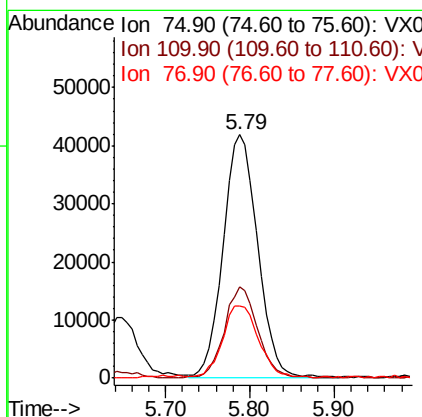
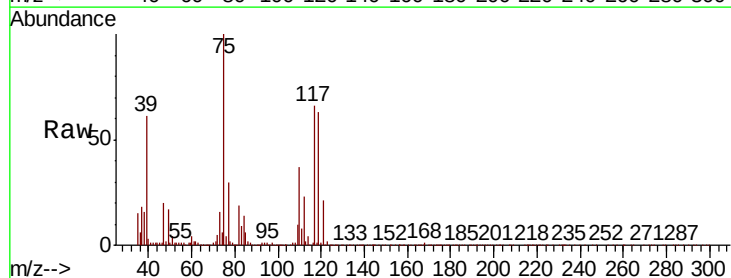
Instrument :
 MSVOA_X
 ClientSampleId :

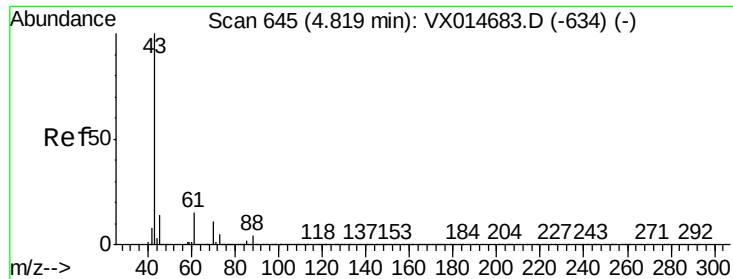
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.7	121.1
192	22.9	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 20.204 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.9	53.7
77	30.7	24.1	36.1

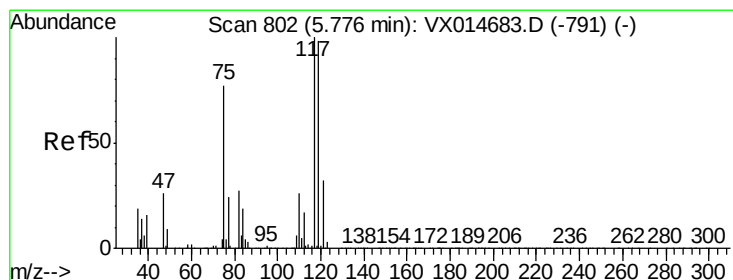
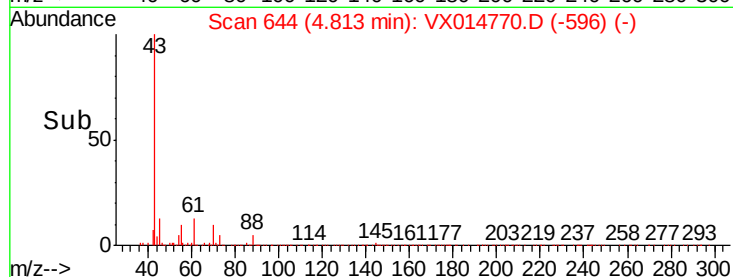
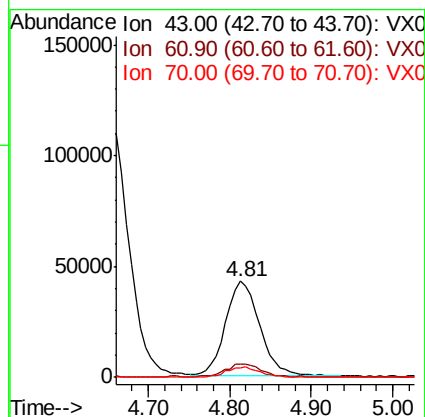
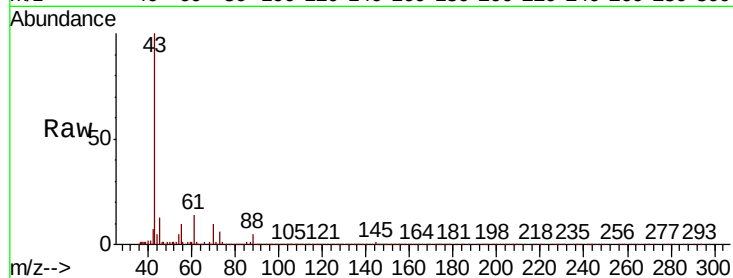




#37
Ethyl Acetate
Concen: 19.012 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

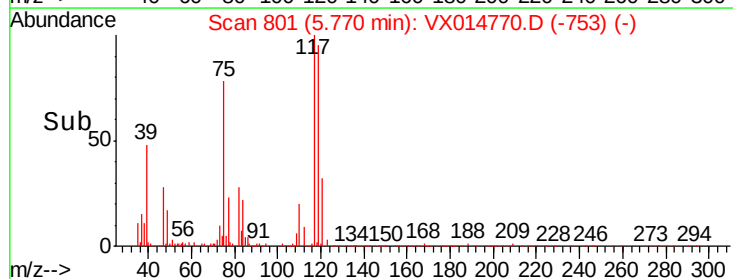
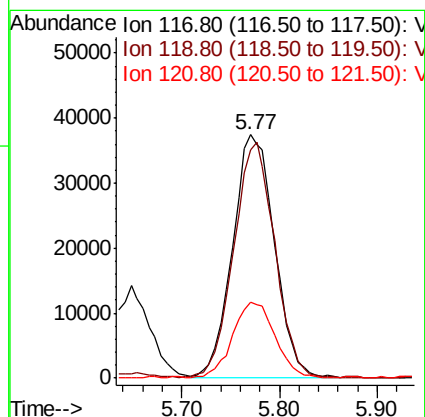
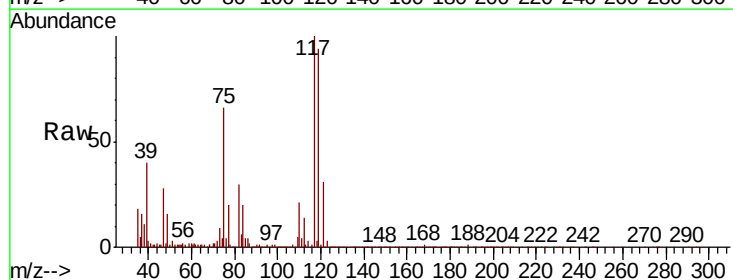
Instrument :
MSVOA_X
ClientSampled :

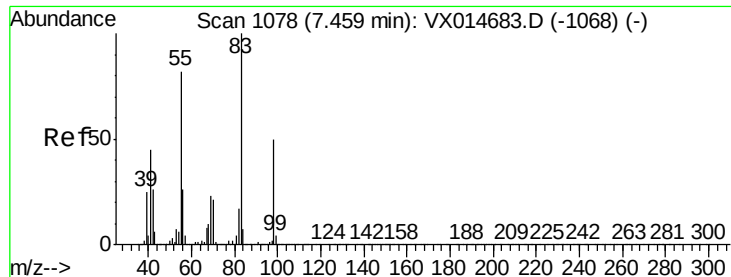
Tot Ion: 43 Resp: 124832
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.243 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 117 Resp: 110830
Ion Ratio Lower Upper
117 100
119 93.5 77.9 116.9
121 31.3 25.4 38.2

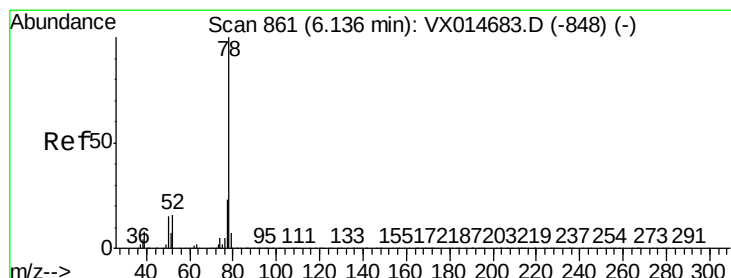
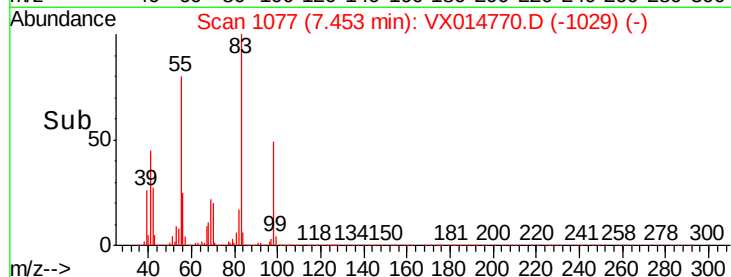
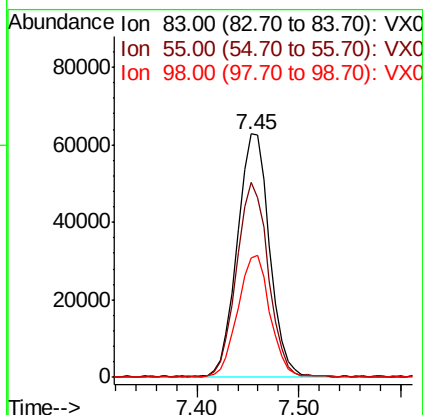
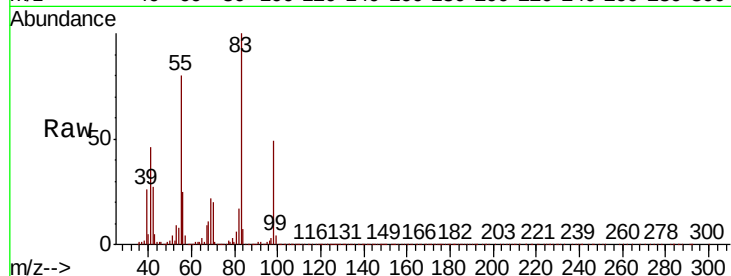




#39
Methylvlcyclohexane
Concen: 19.234 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

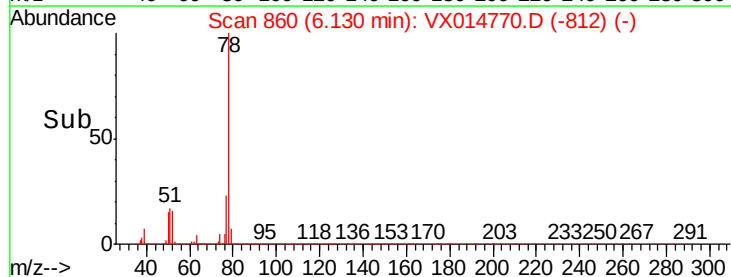
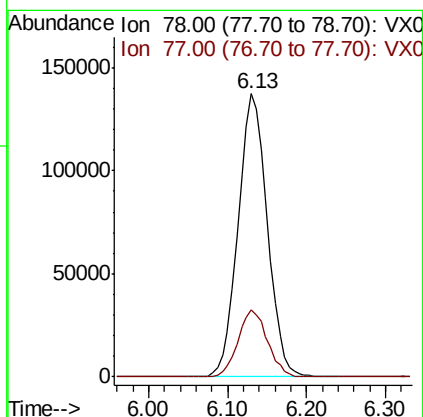
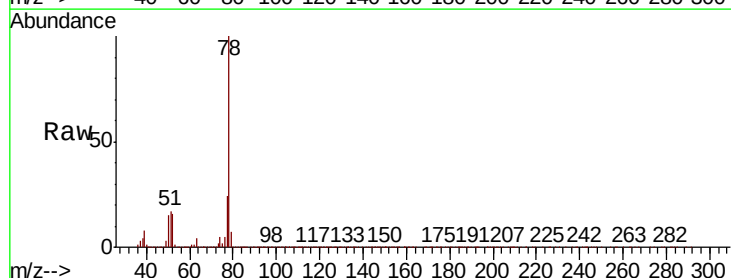
Instrument :
MSVOA_X
ClientSampleId :

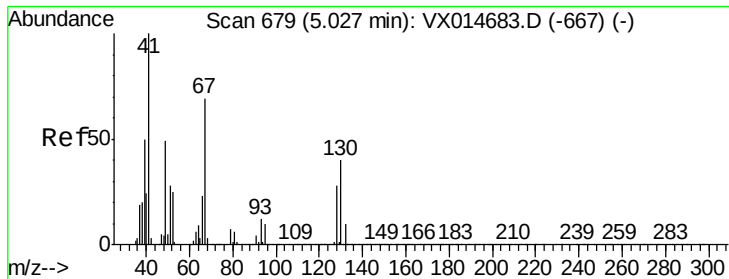
Tot Ion	83	Resp	138138
Ion Ratio	Lower	Upper	
83	100		
55	79.9	65.6	98.4
98	48.9	40.2	60.4



#40
Benzene
Concen: 19.889 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	78	Resp	352298
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.7	28.1

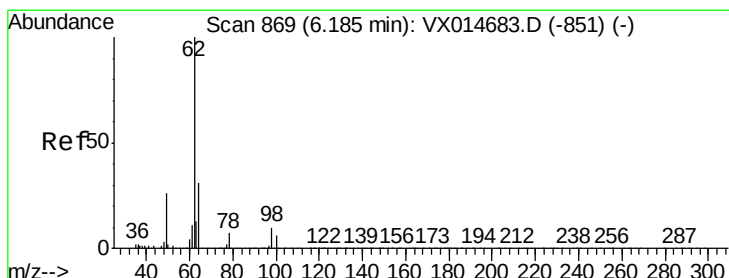
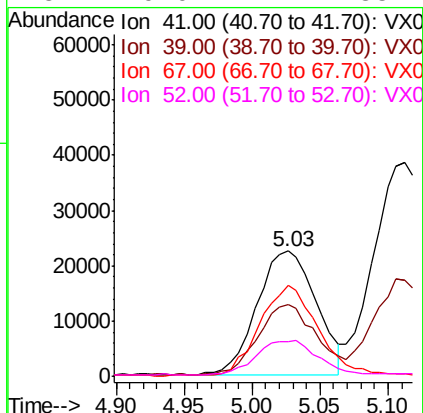
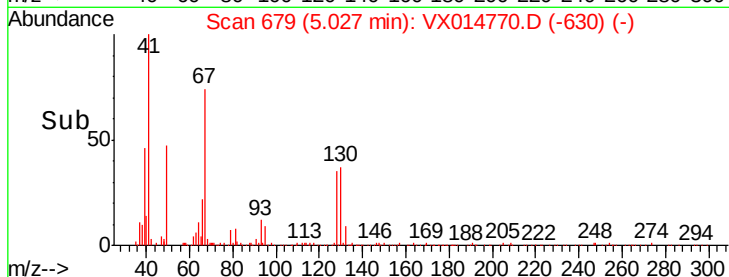
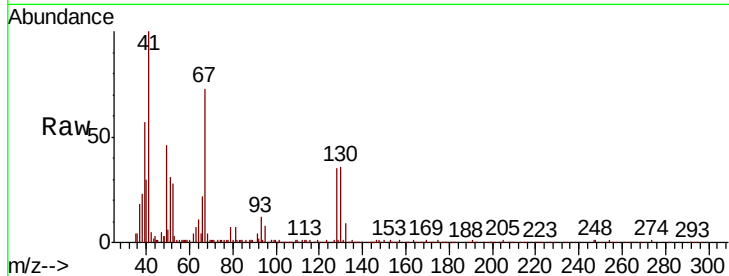




#41
Methacrylonitrile
Concen: 17.964 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

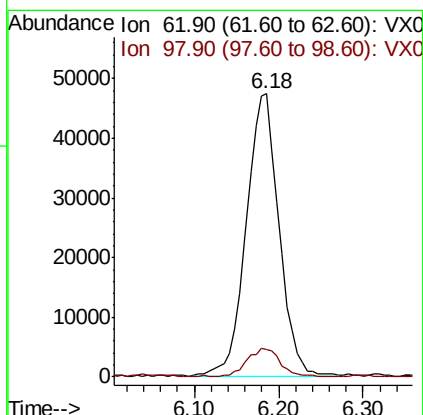
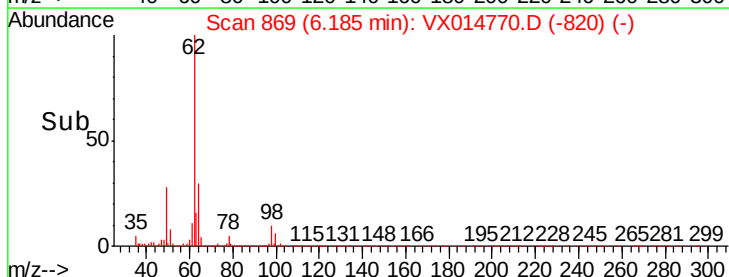
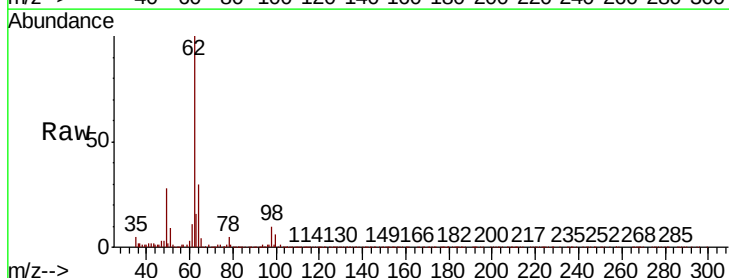
Instrument :
MSVOA_X
ClientSampled :

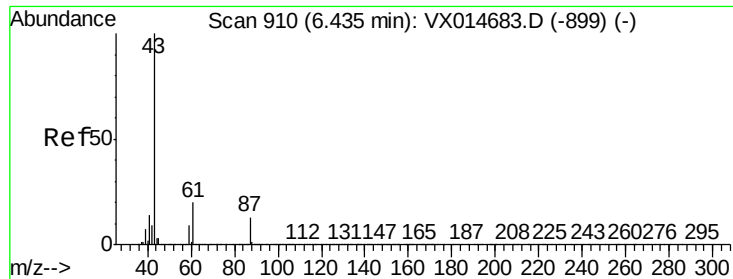
Tot Ion:	41	Resp:	67904
Ion	Ratio	Lower	Upper
41	100		
39	56.5	42.2	63.2
67	72.1	55.4	83.0
52	29.0	22.1	33.1



#42
1,2-Dichloroethane
Concen: 20.512 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion:	62	Resp:	125467
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.882 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

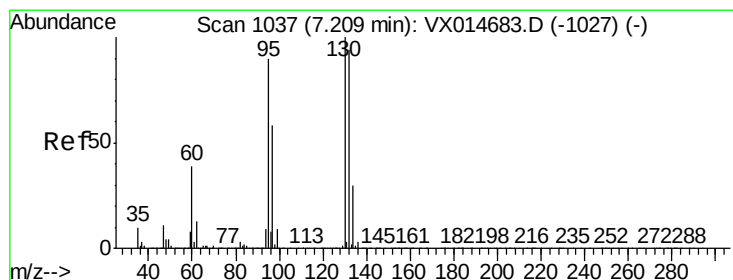
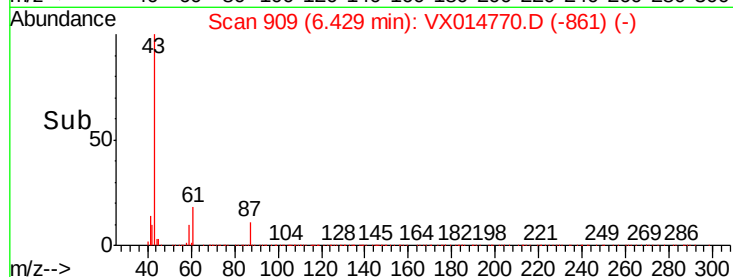
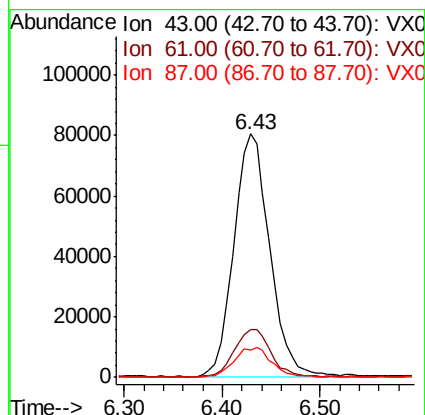
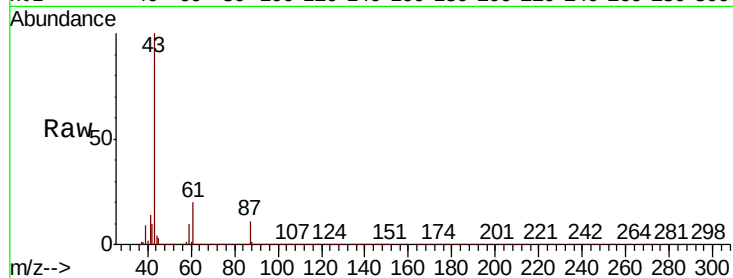
Tot Ion: 43 Resp: 203021

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.4

87 12.8 10.5 15.7



#44

Trichloroethene

Concen: 19.478 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014770.D

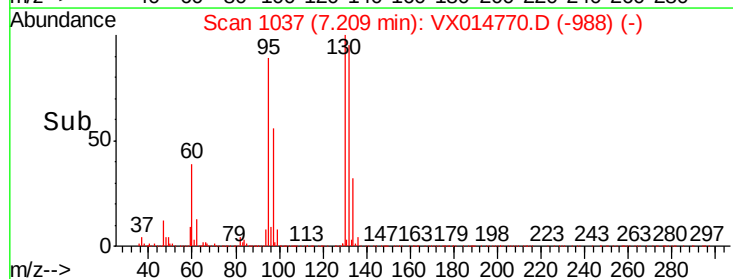
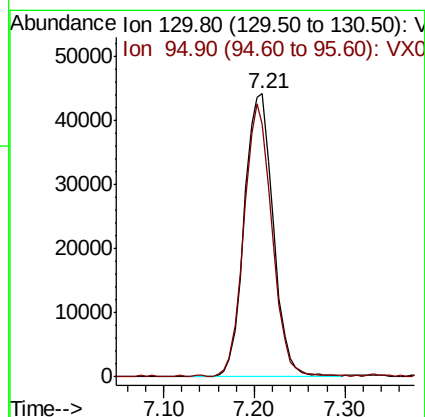
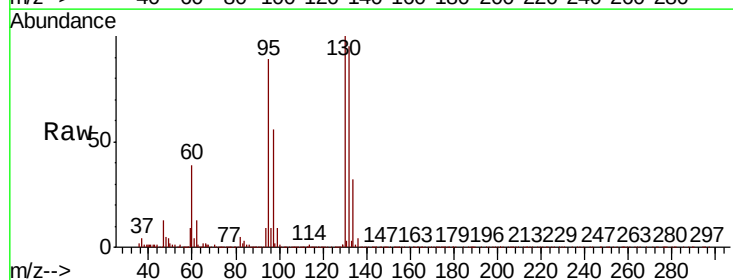
Acq: 30 Jan 2020 11:22

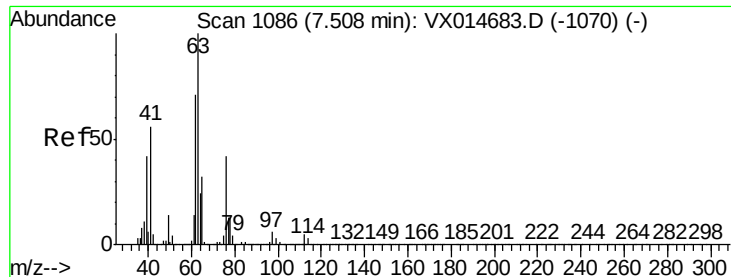
Tgt Ion:130 Resp: 97453

Ion Ratio Lower Upper

130 100

95 88.7 0.0 179.8





#45

1,2-Dichloropropane

Concen: 19.875 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

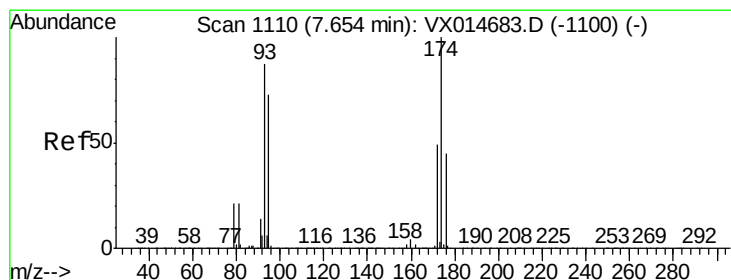
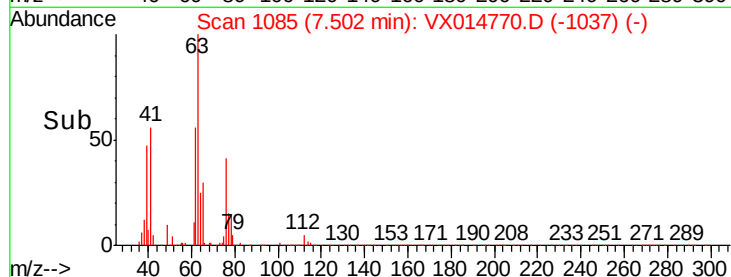
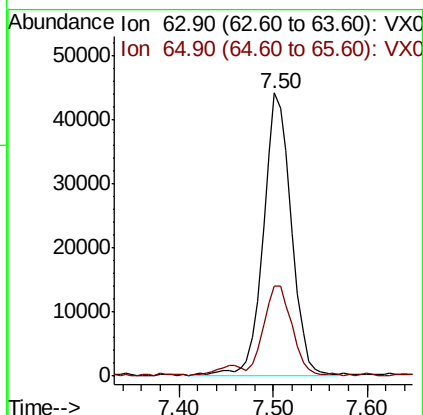
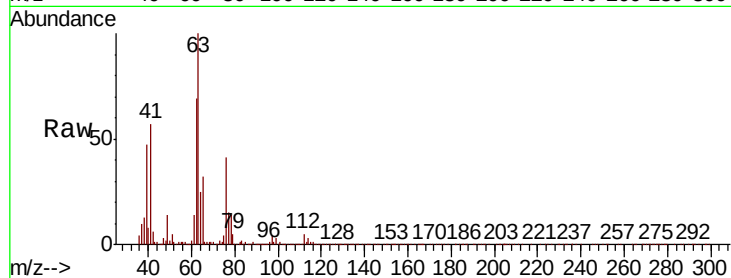
ClientSampleId :

Tot Ion: 63 Resp: 90695

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8



#46

Dibromomethane

Concen: 20.124 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

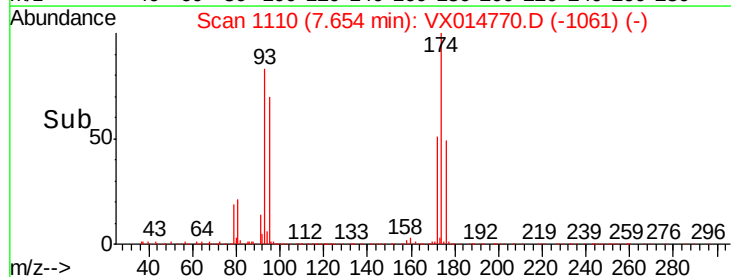
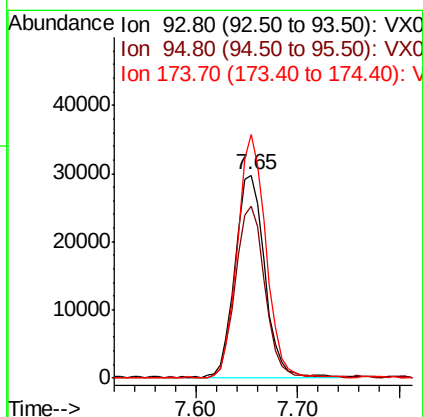
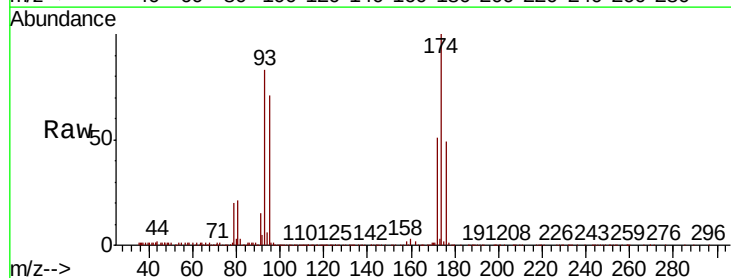
Tgt Ion: 93 Resp: 59474

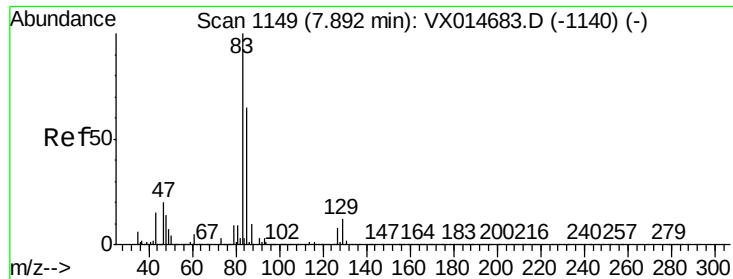
Ion Ratio Lower Upper

93 100

95 84.7 67.0 100.4

174 116.8 90.2 135.2





#47

Bromodichloromethane

Concen: 20.347 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

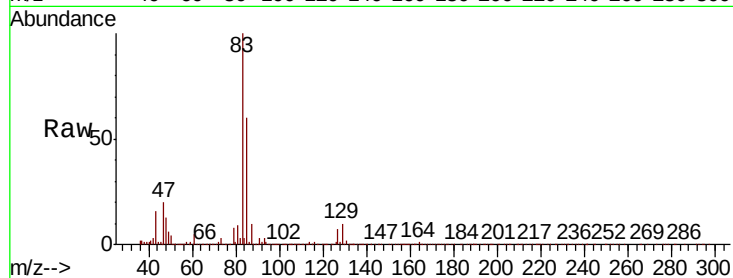
Tot Ion: 83 Resp: 117943

Ion Ratio Lower Upper

83 100

85 60.0 52.2 78.2

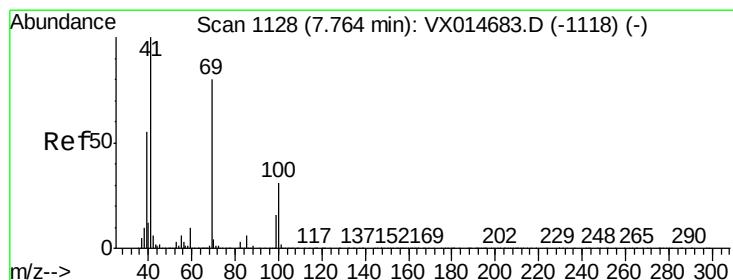
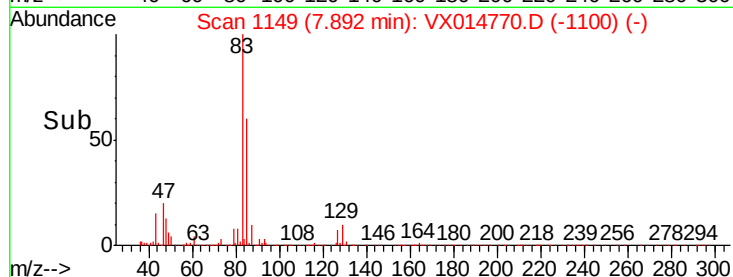
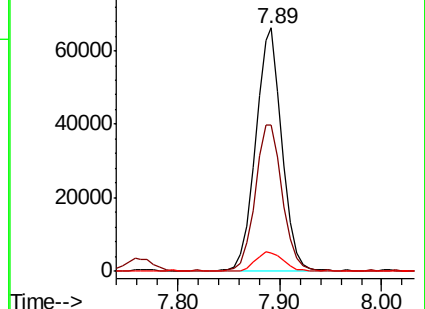
127 7.3 6.4 9.6



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: 19.497 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

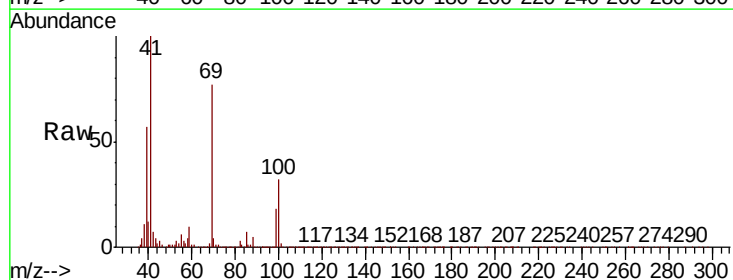
Tgt Ion: 41 Resp: 100159

Ion Ratio Lower Upper

41 100

69 80.0 63.5 95.3

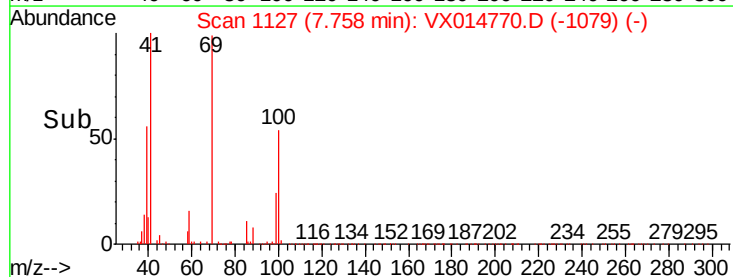
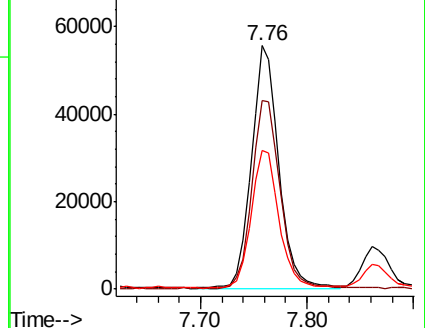
39 57.6 43.7 65.5

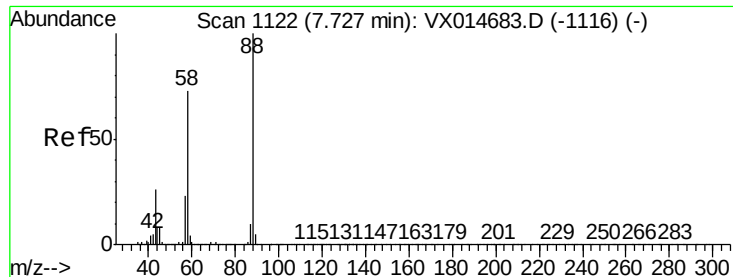


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 390.248 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

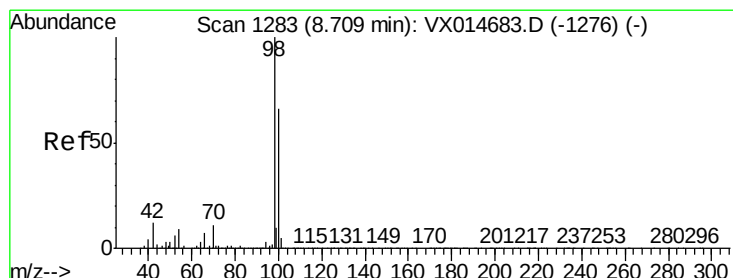
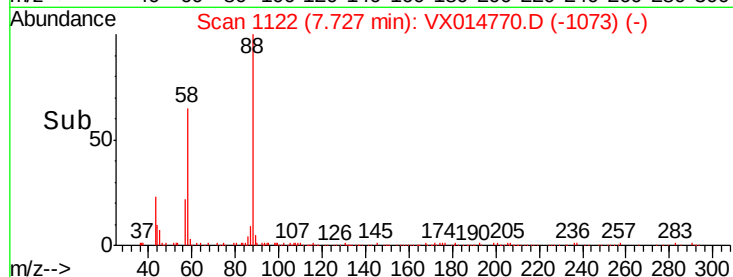
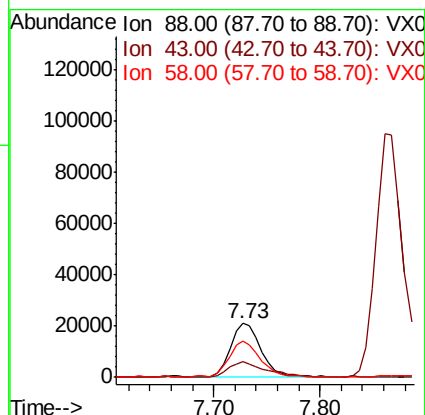
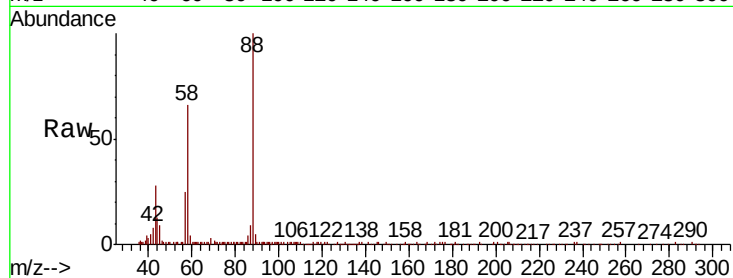
Tot Ion: 88 Resp: 42497

Ion Ratio Lower Upper

88 100

43 33.0 26.2 39.2

58 68.1 56.6 85.0



#50

Toluene-d8

Concen: 50.071 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014770.D

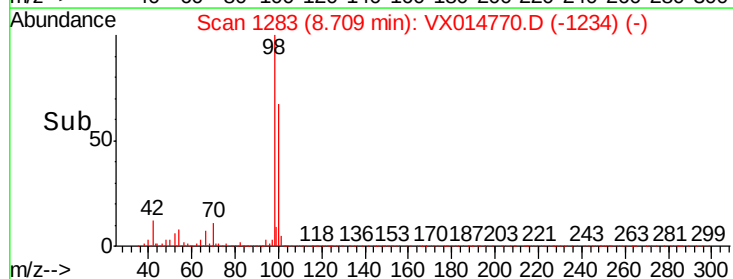
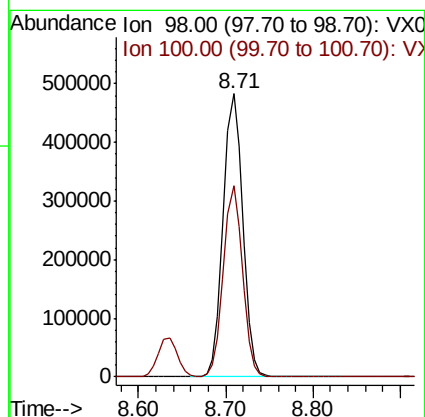
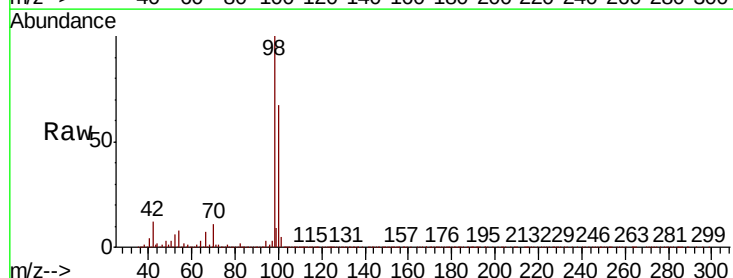
Acq: 30 Jan 2020 11:22

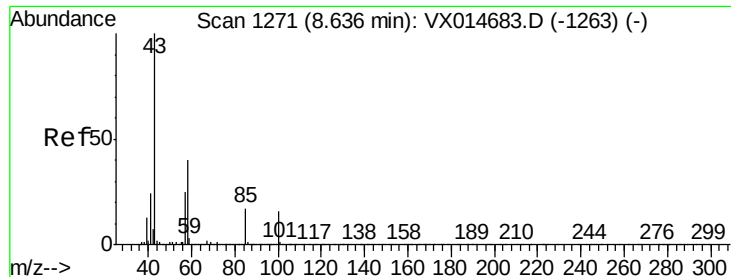
Tgt Ion: 98 Resp: 749364

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 96.326 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

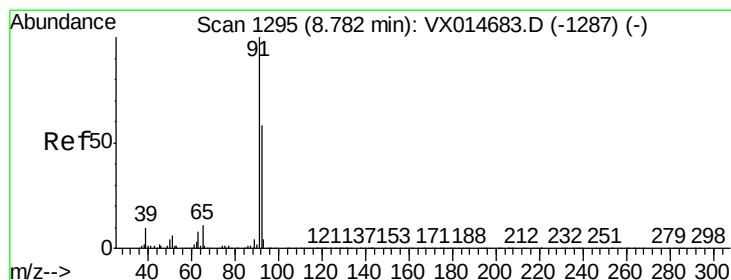
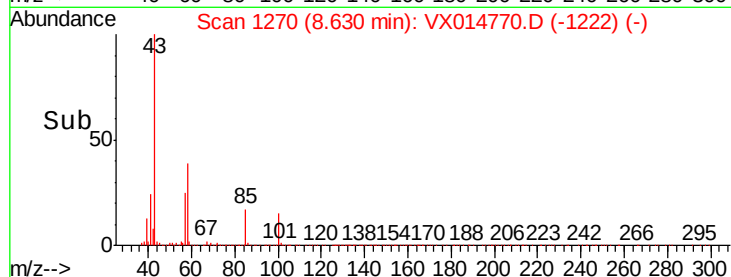
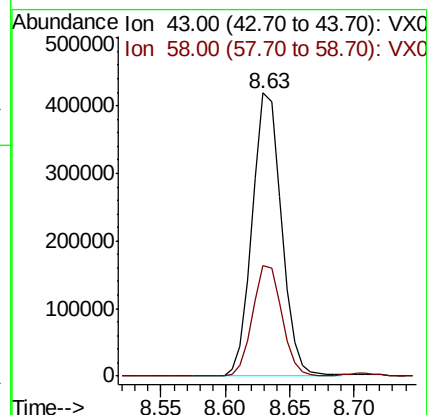
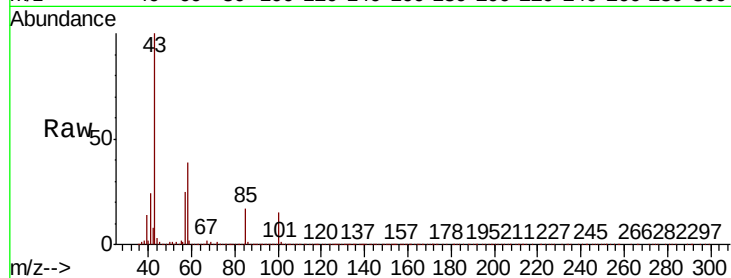
ClientSampleId :

Tot Ion: 43 Resp: 653683

Ion Ratio Lower Upper

43 100

58 39.4 31.6 47.4



#52

Toluene

Concen: 20.500 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014770.D

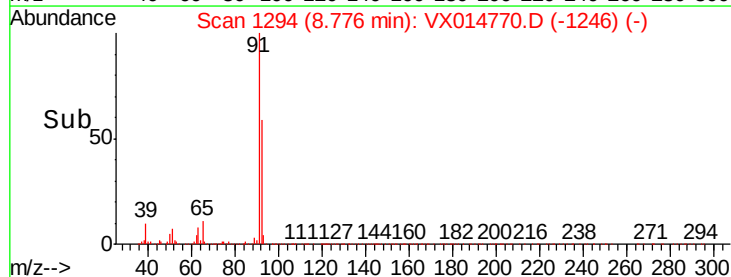
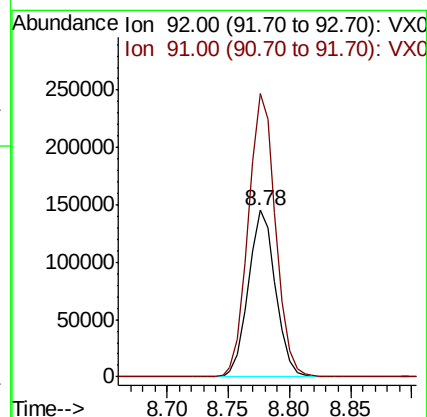
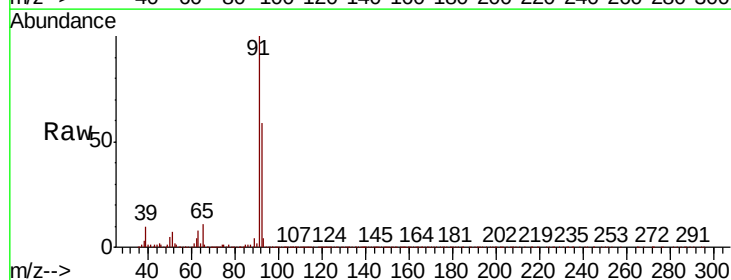
Acq: 30 Jan 2020 11:22

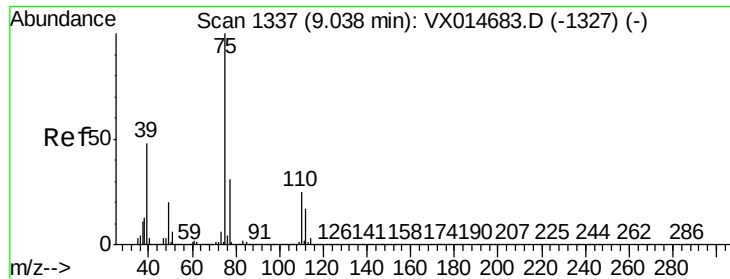
Tgt Ion: 92 Resp: 223206

Ion Ratio Lower Upper

92 100

91 171.2 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.898 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

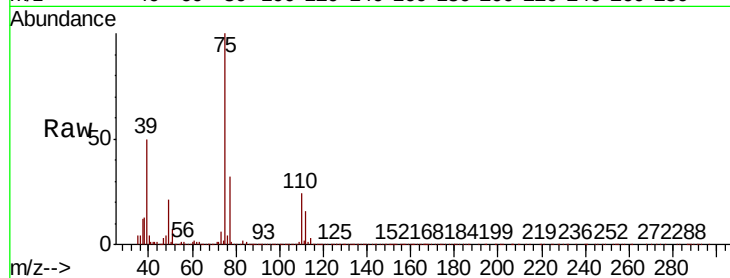
ClientSampleId :

Tot Ion: 75 Resp: 124194

Ion Ratio Lower Upper

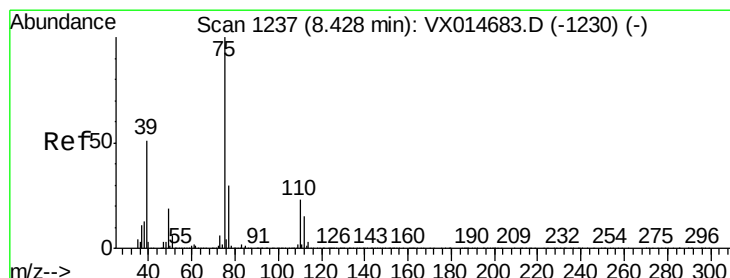
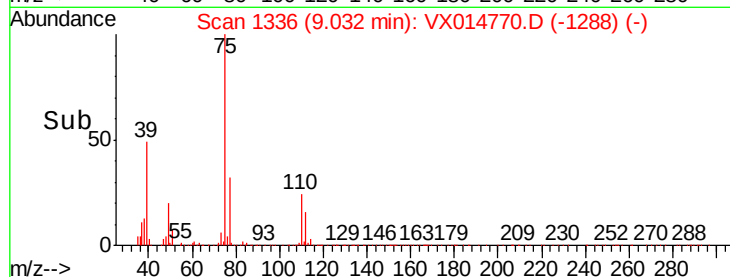
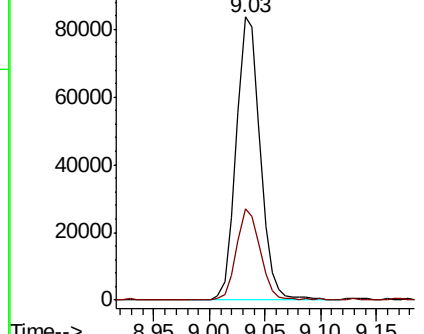
75 100

77 31.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.475 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

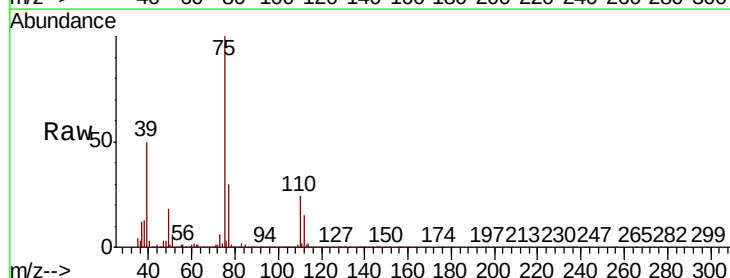
Tgt Ion: 75 Resp: 140590

Ion Ratio Lower Upper

75 100

77 29.6 23.9 35.9

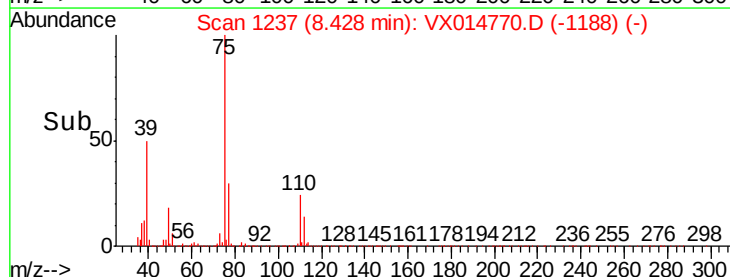
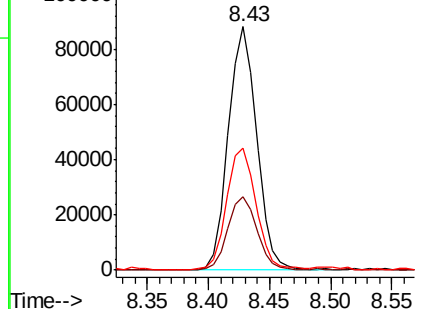
39 50.0 40.9 61.3

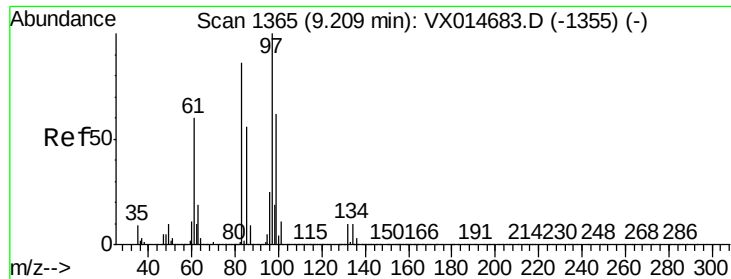


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

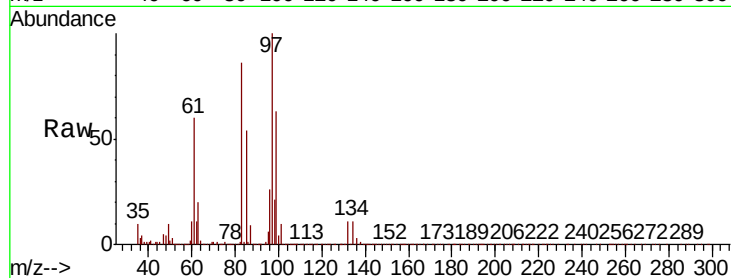




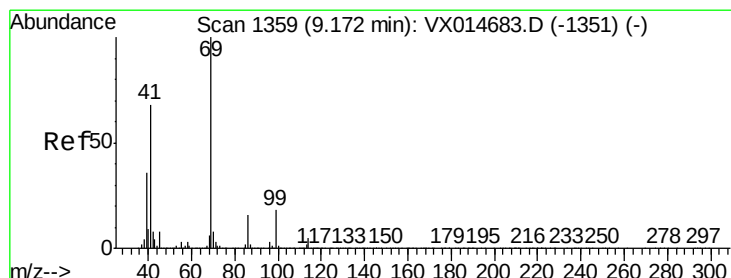
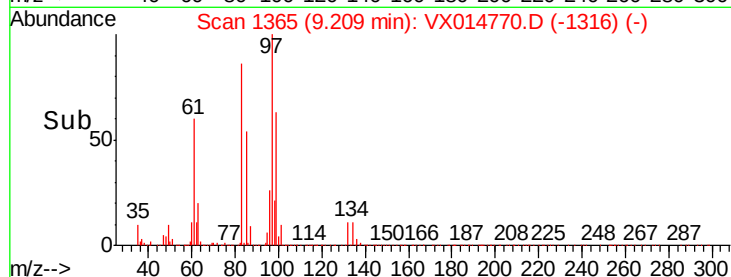
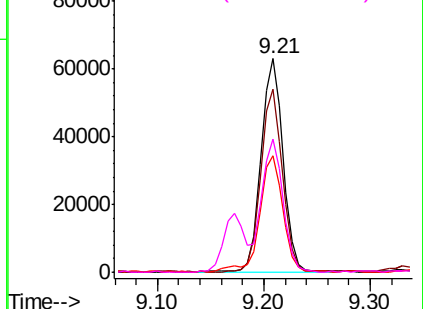
#55
 1,1,2-Trichloroethane
 Concen: 20.445 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	91144
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.2	103.8
85	54.1	44.6	67.0
99	62.5	50.1	75.1

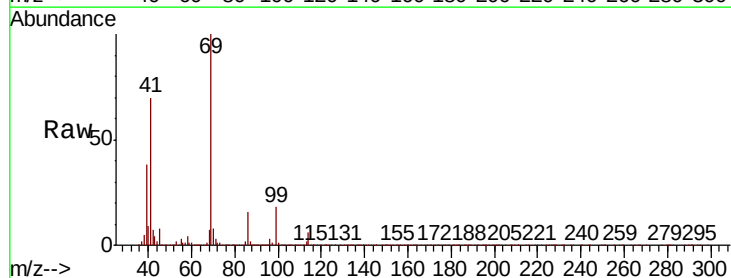


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

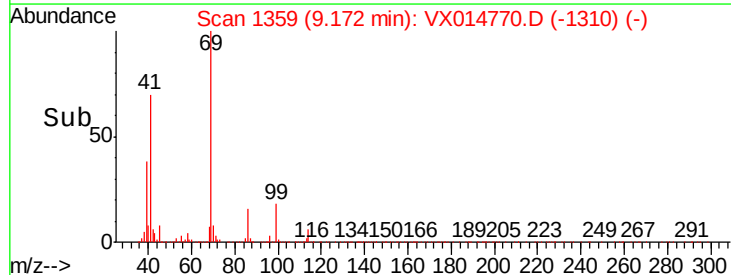
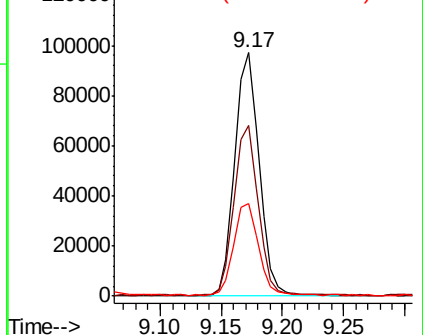


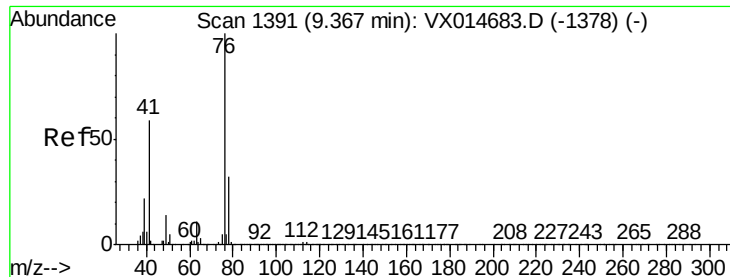
#56
 Ethyl methacrylate
 Concen: 18.881 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion:	69	Resp:	133988
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.9	82.3
39	37.9	29.3	43.9



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

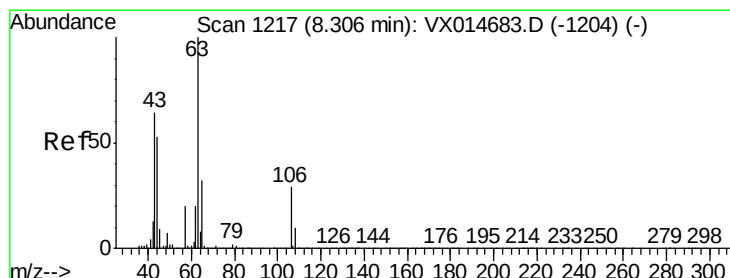
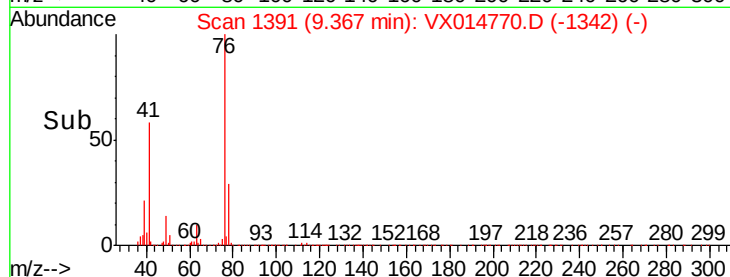
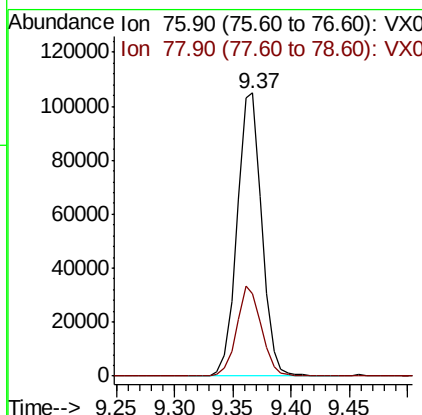
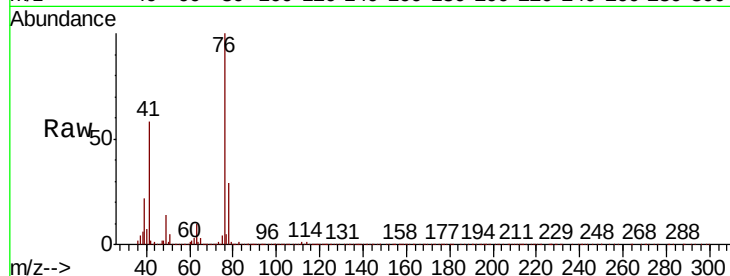




#57
 1,3-Dichloropropane
 Concen: 20.380 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

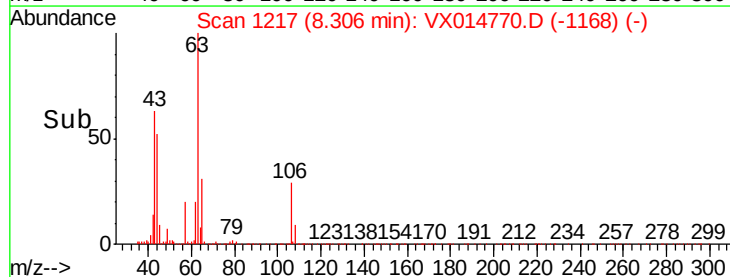
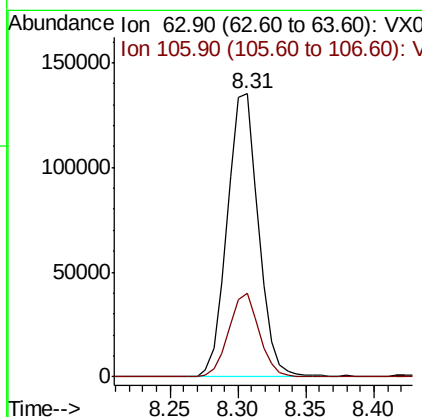
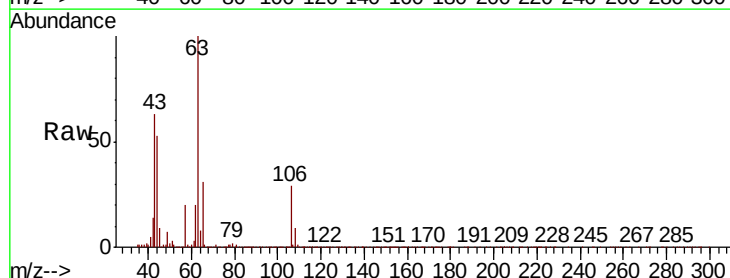
Instrument :
 MSVOA_X
 ClientSampleId :

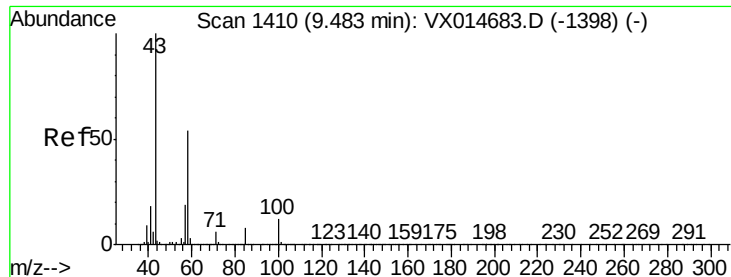
Tot Ion: 76 Resp: 155310
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.922 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion: 63 Resp: 215049
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





#59

2-Hexanone

Concen: 95.652 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

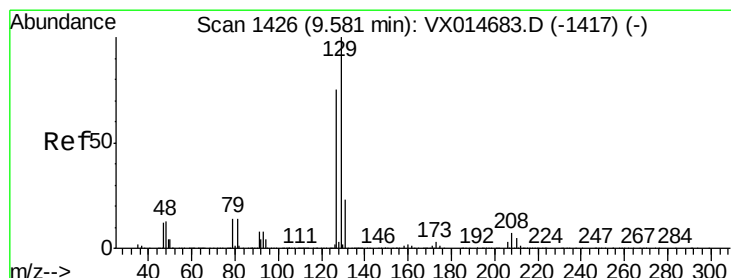
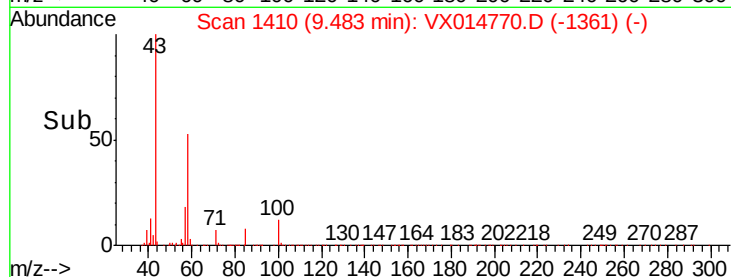
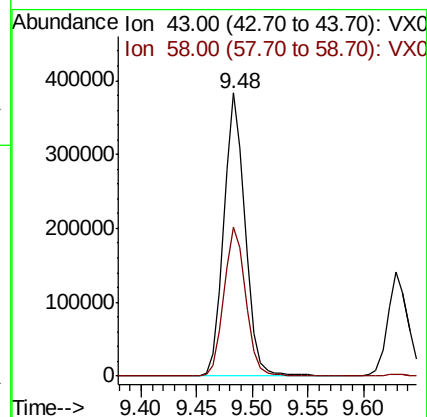
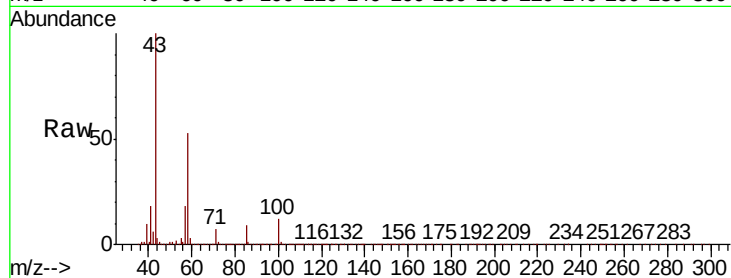
ClientSampled :

Tot Ion: 43 Resp: 503699

Ion Ratio Lower Upper

43 100

58 54.1 27.2 81.5



#60

Dibromochloromethane

Concen: 19.991 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014770.D

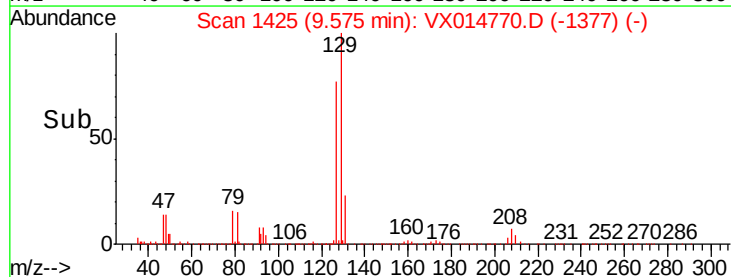
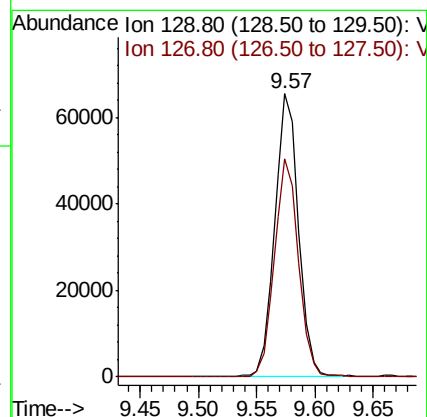
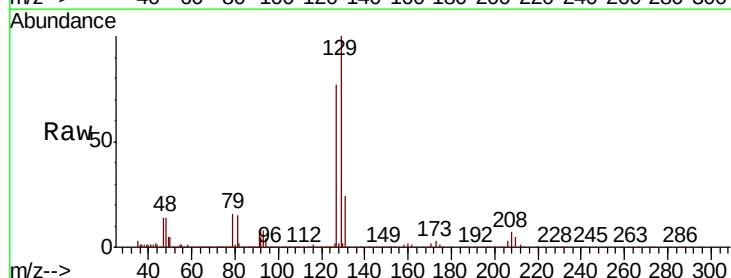
Acq: 30 Jan 2020 11:22

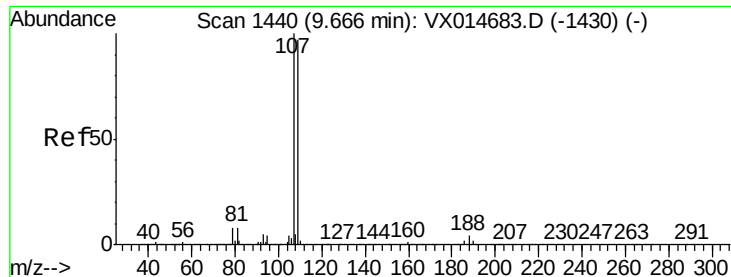
Tgt Ion:129 Resp: 93019

Ion Ratio Lower Upper

129 100

127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.954 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

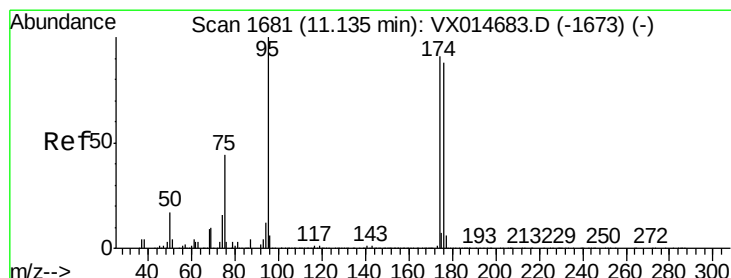
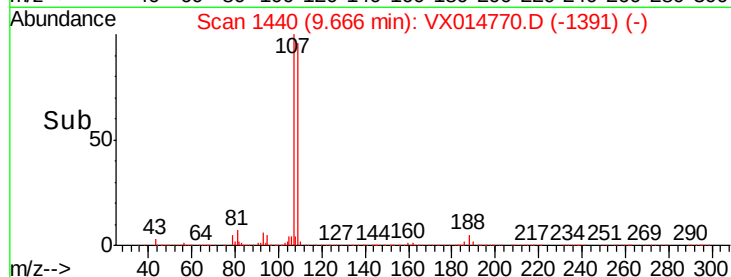
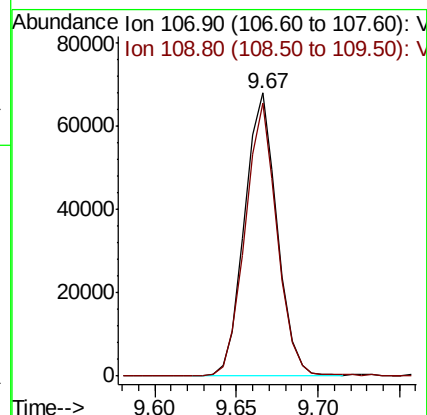
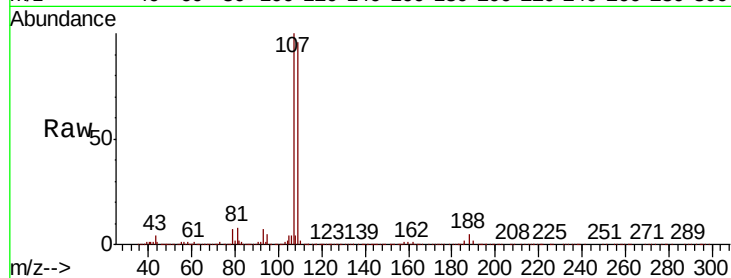
ClientSampleId :

Tot Ion:107 Resp: 94052

Ion Ratio Lower Upper

107 100

109 95.0 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 49.388 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

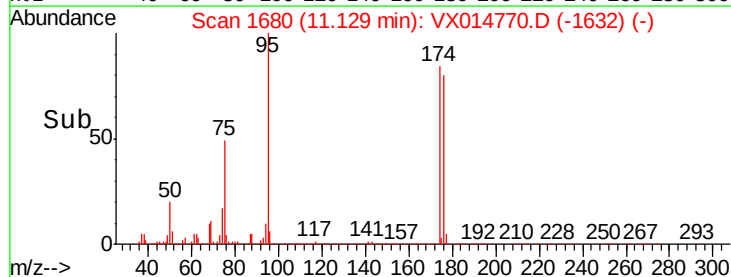
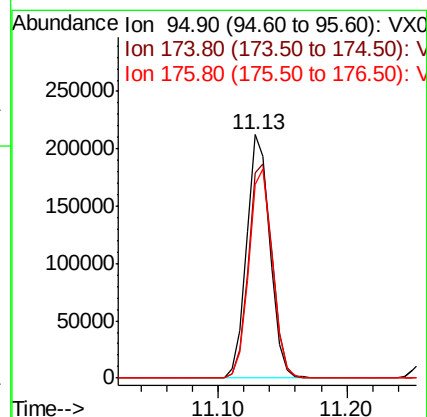
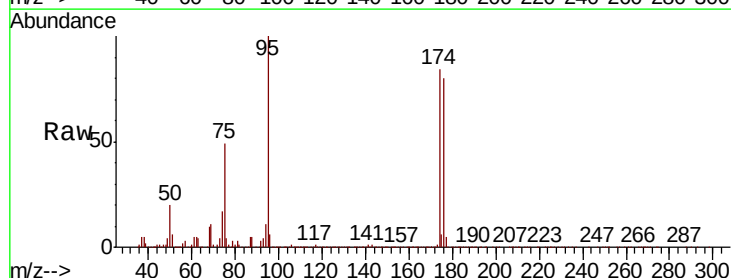
Tgt Ion: 95 Resp: 263302

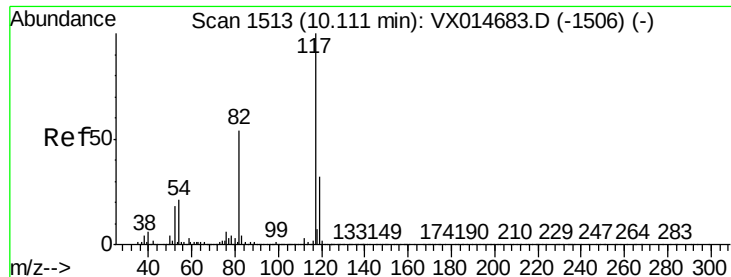
Ion Ratio Lower Upper

95 100

174 90.1 0.0 176.0

176 86.8 0.0 172.2

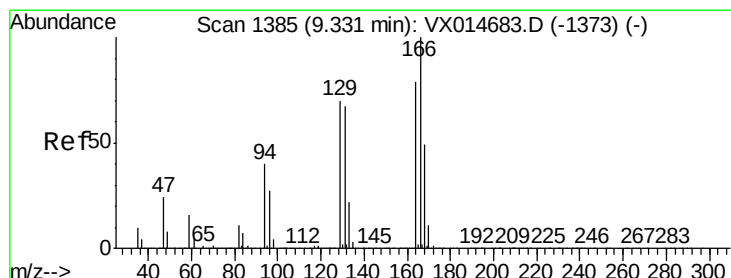
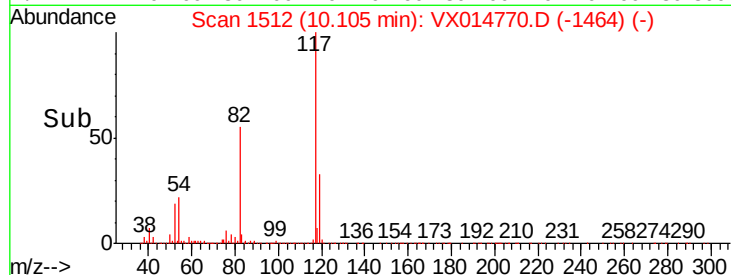
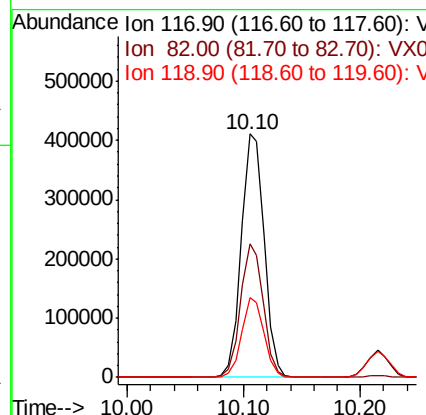
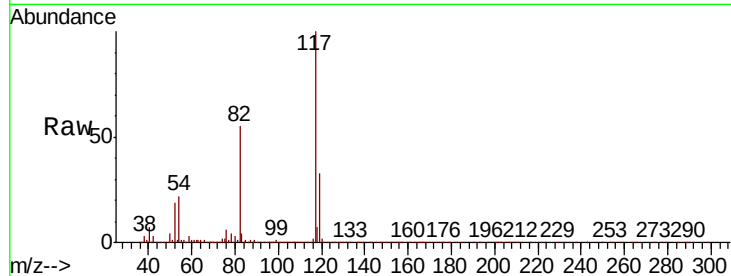




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

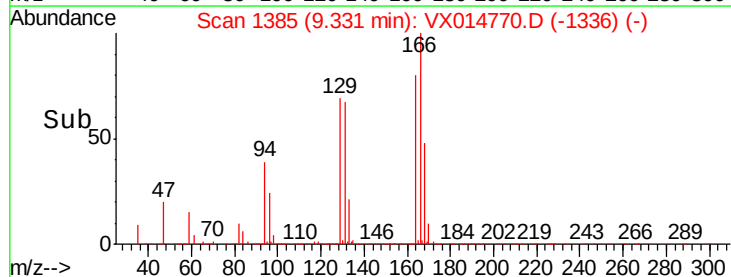
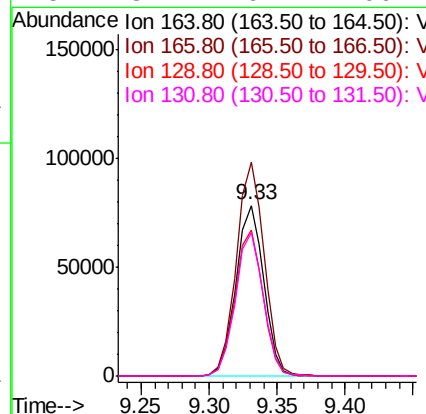
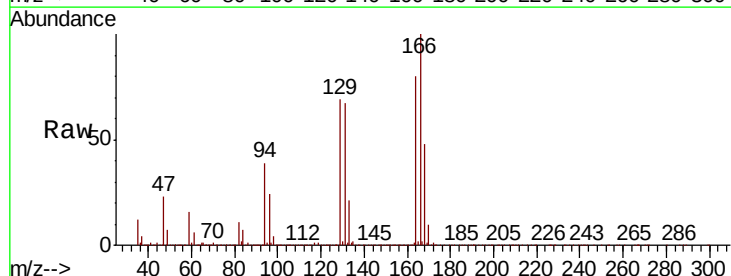
Instrument :
MSVOA_X
ClientSampled :

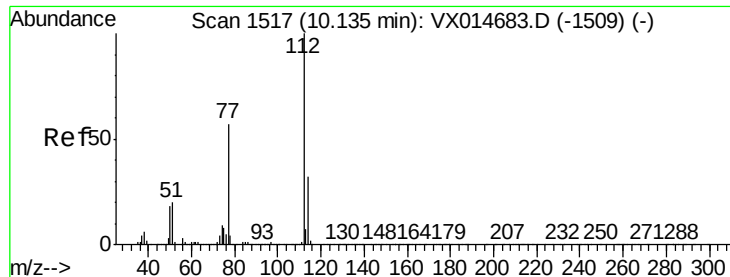
Tot Ion:117 Resp: 564631
Ion Ratio Lower Upper
117 100
82 54.8 43.2 64.8
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 19.949 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion:164 Resp: 111498
Ion Ratio Lower Upper
164 100
166 125.0 100.9 151.3
129 85.6 71.0 106.6
131 84.1 67.1 100.7





#65

Chlorobenzene

Concen: 19.716 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

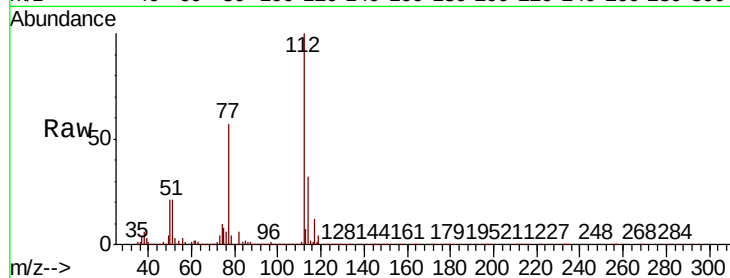
ClientSampleId :

Tot Ion:112 Resp: 238116

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

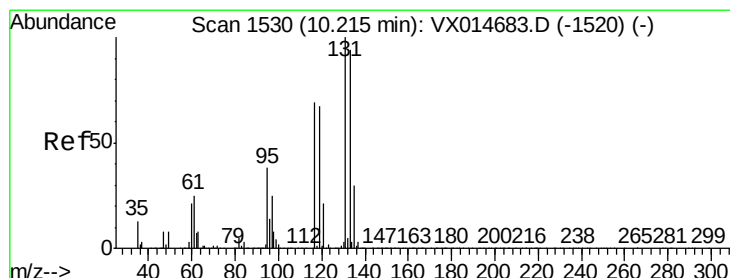
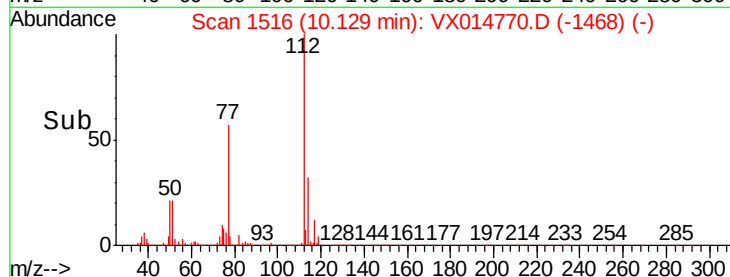
100000

50000

0

10.10 10.13 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.779 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

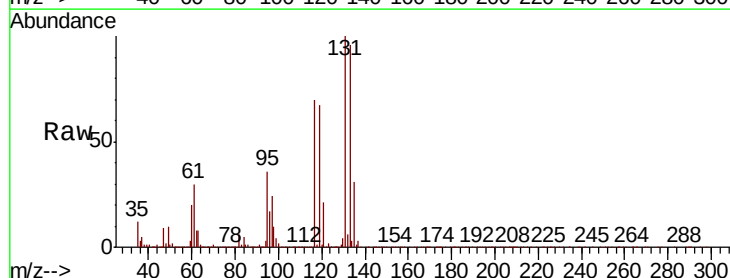
Tgt Ion:131 Resp: 88074

Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.3

119 66.5 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

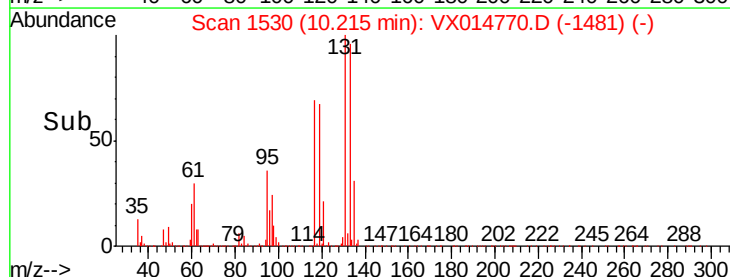
100000

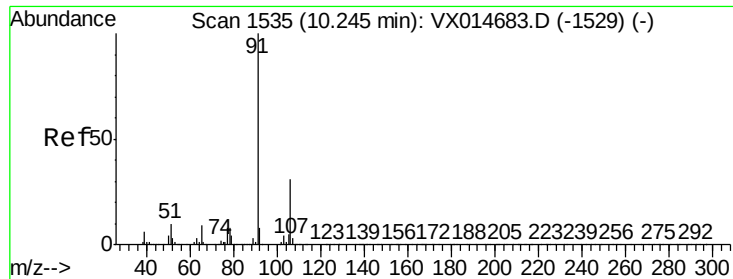
50000

0

10.15 10.20 10.25 10.30

Time-->

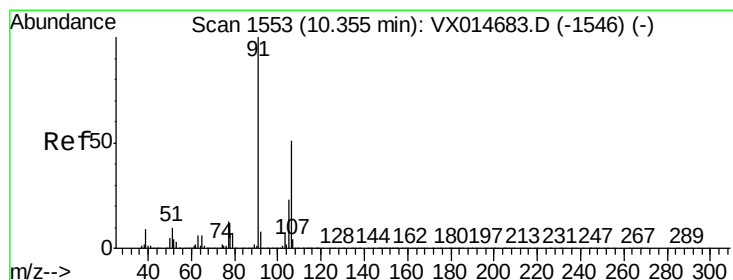
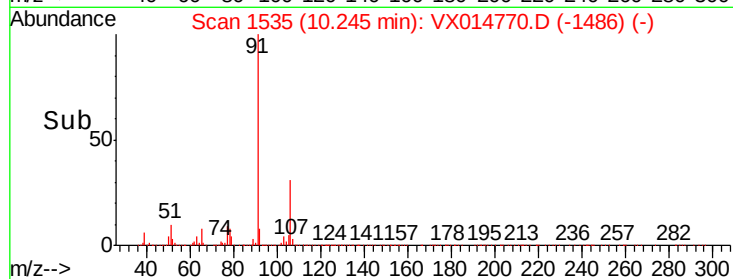
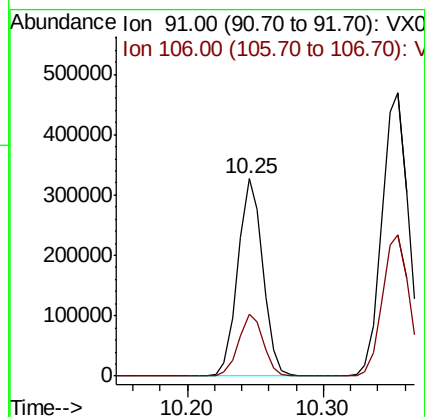
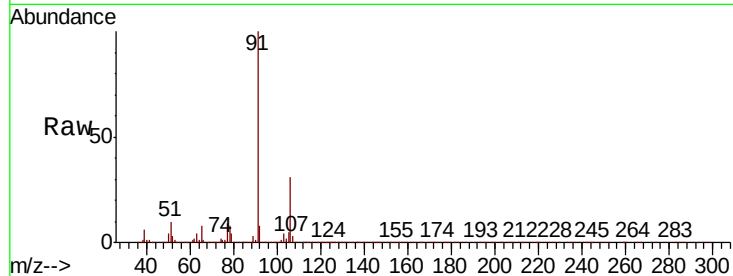




#67
Ethyl Benzene
Concen: 20.312 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

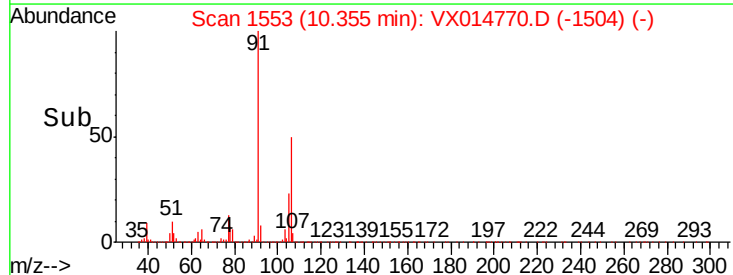
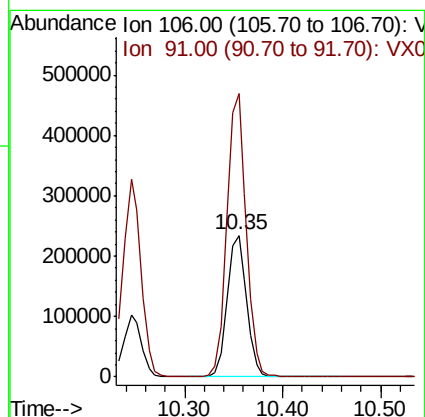
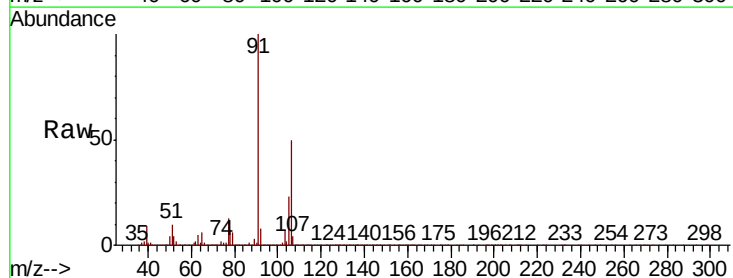
Instrument :
MSVOA_X
ClientSampleId :

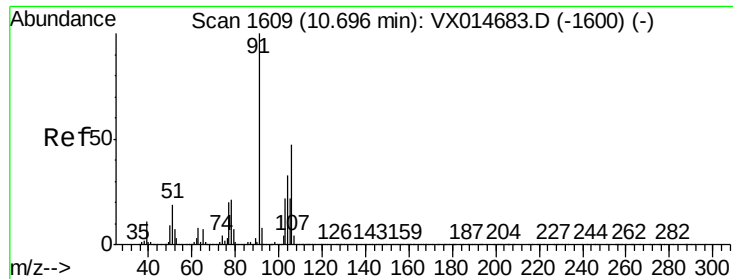
Tot Ion: 91 Resp: 418867
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 40.926 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 106 Resp: 319732
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2

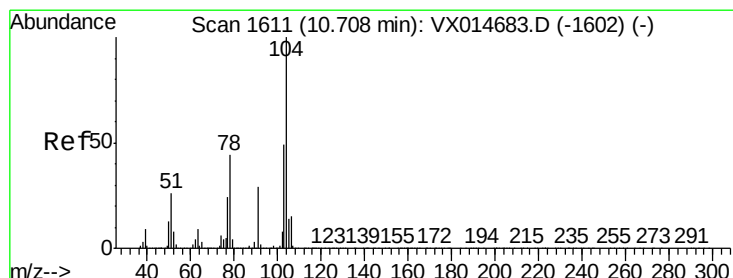
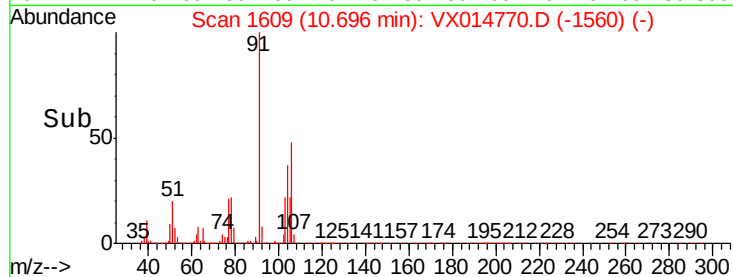
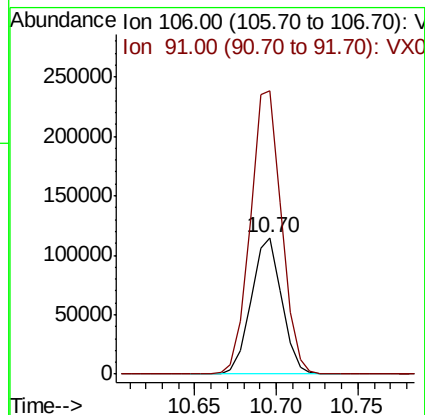
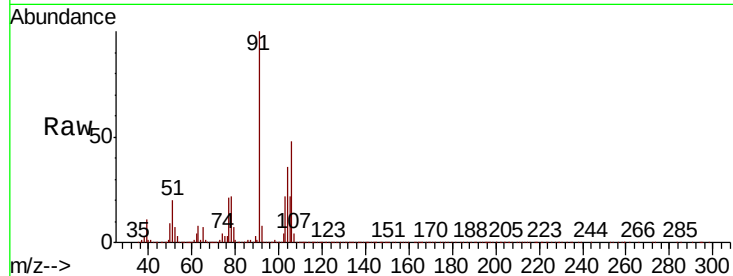




#69
o-Xylene
Concen: 19.829 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

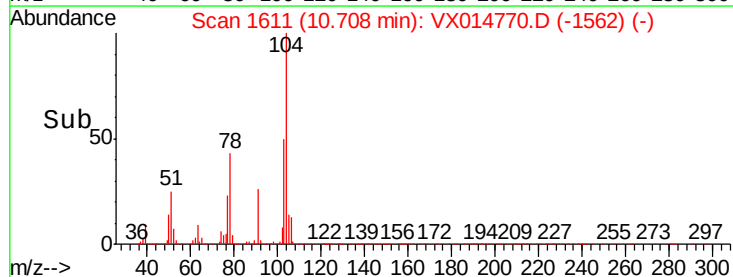
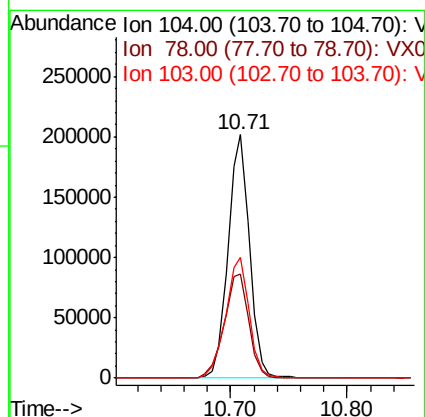
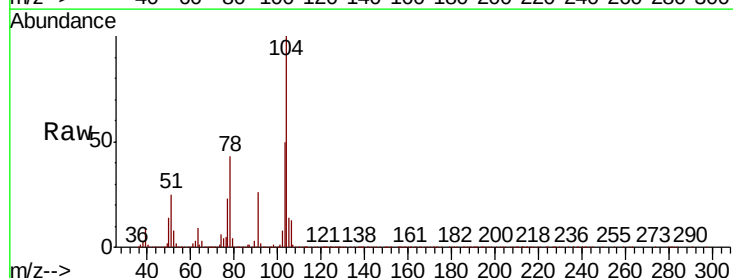
Instrument :
MSVOA_X
ClientSampleId :

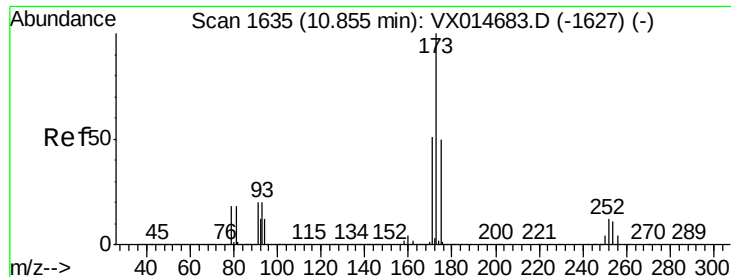
Tot Ion:106 Resp: 149551
Ion Ratio Lower Upper
106 100
91 212.8 106.2 318.6



#70
Styrene
Concen: 20.292 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion:104 Resp: 256720
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.3 43.5 65.3





#71

Bromoform

Concen: 19.681 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

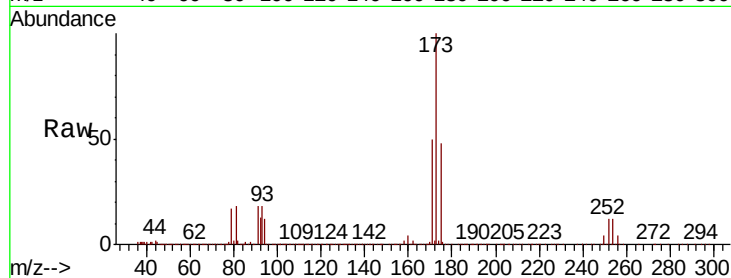
Tot Ion:173 Resp: 69693

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.6

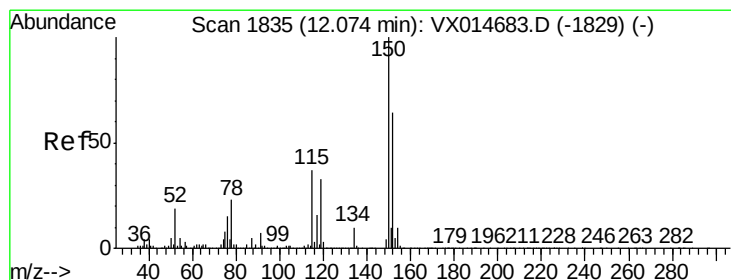
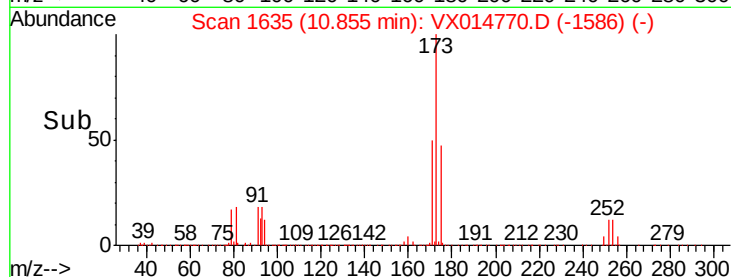
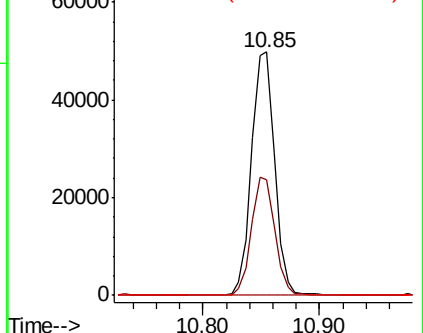
254 0.3 0.1 0.1#



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: VX014770.D

Acq: 30 Jan 2020 11:22

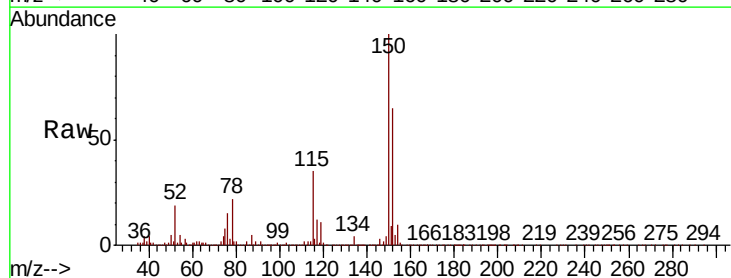
Tgt Ion:152 Resp: 286438

Ion Ratio Lower Upper

152 100

115 64.3 39.4 118.1

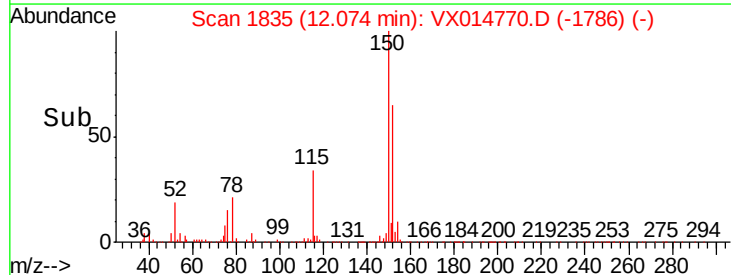
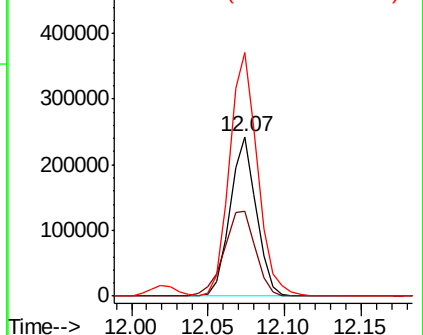
150 163.4 0.0 351.2

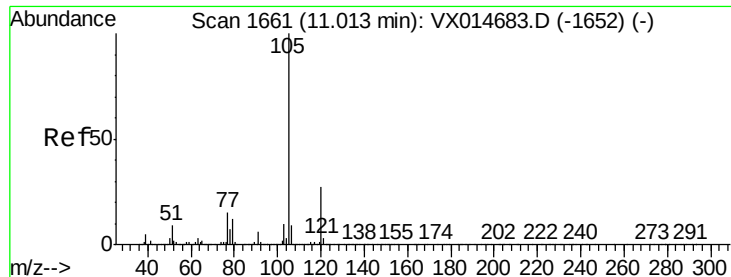


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.429 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

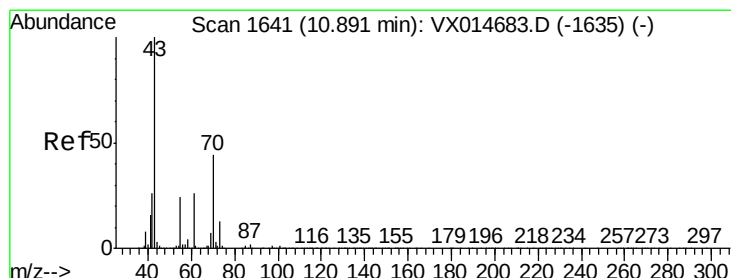
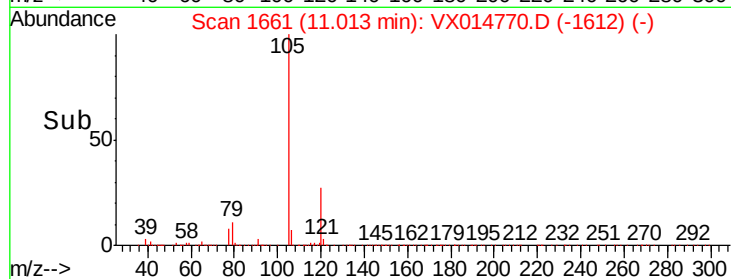
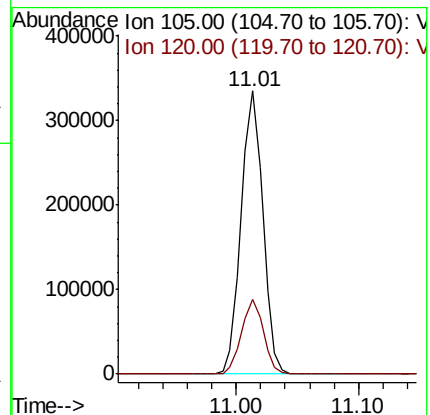
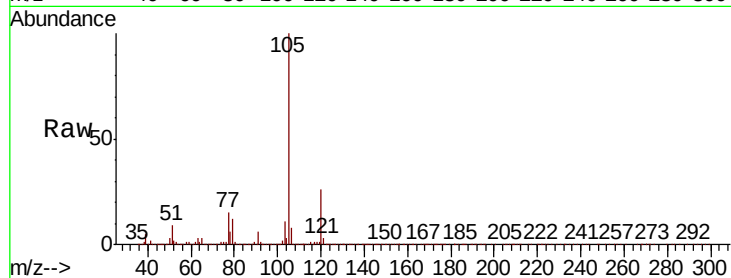
ClientSampleId :

Tot Ion:105 Resp: 411445

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 19.314 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion: 43 Resp: 170458

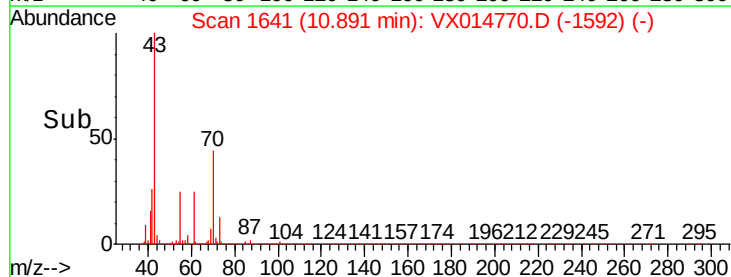
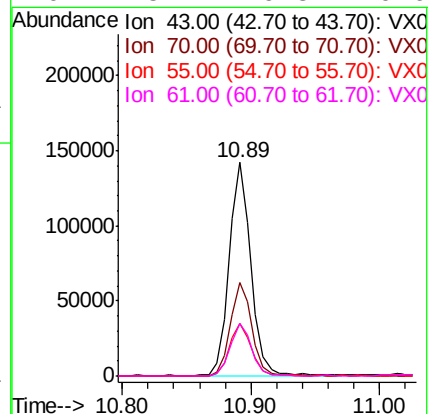
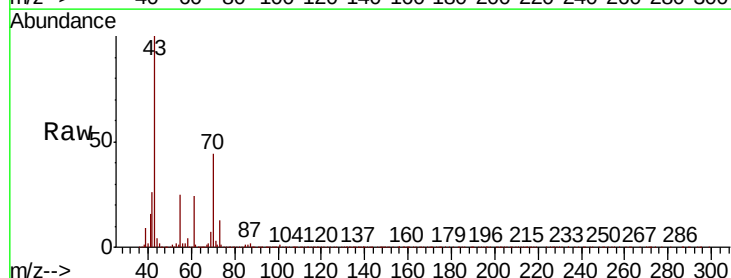
Ion Ratio Lower Upper

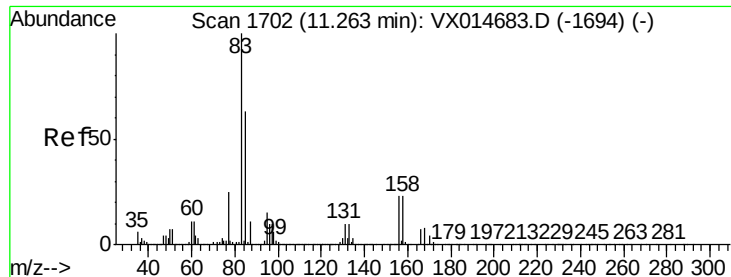
43 100

70 43.5 34.6 52.0

55 25.2 19.4 29.2

61 23.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.544 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampled :

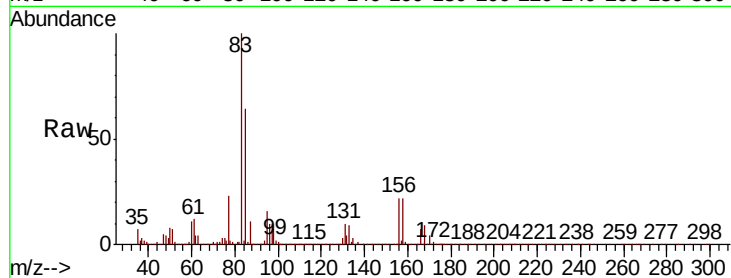
Tot Ion: 83 Resp: 133355

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

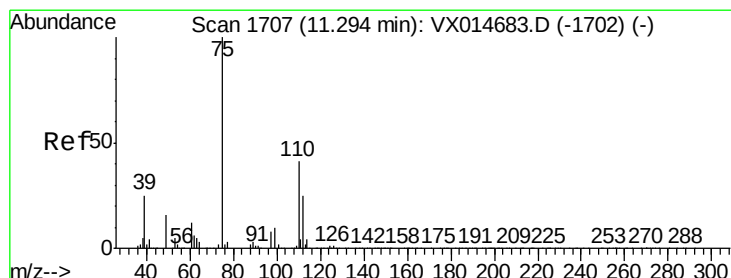
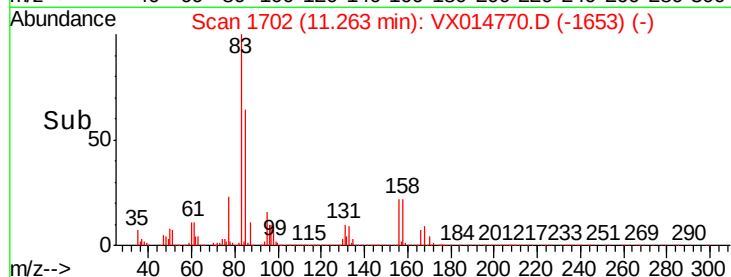
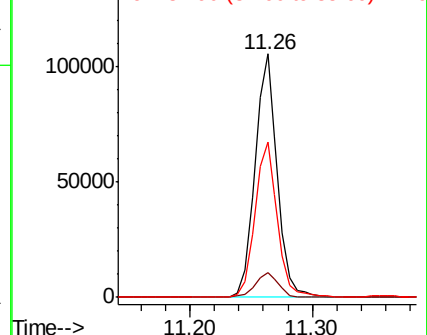
85 64.2 31.7 95.1



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: 22.679 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014770.D

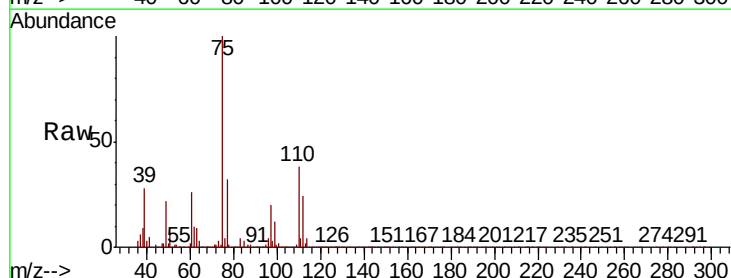
Acq: 30 Jan 2020 11:22

Tgt Ion: 75 Resp: 151138

Ion Ratio Lower Upper

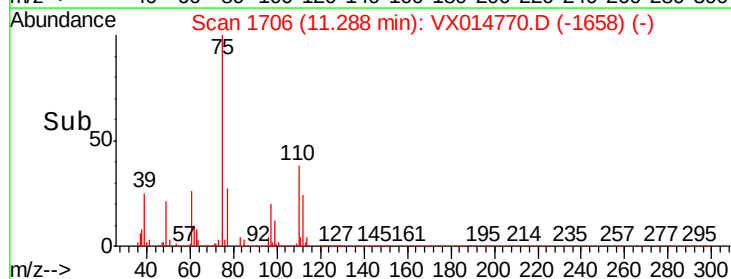
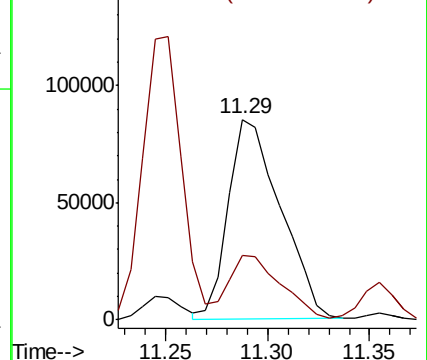
75 100

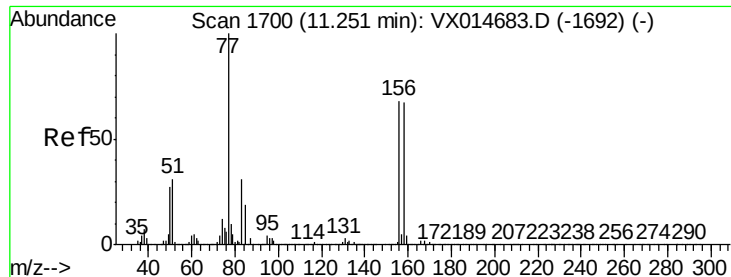
77 32.4 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.789 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

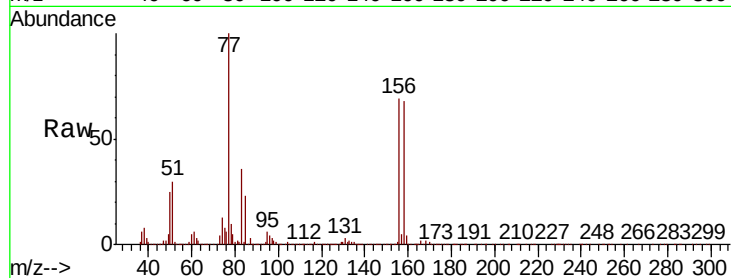
Tot Ion:156 Resp: 107074

Ion Ratio Lower Upper

156 100

77 148.9 77.5 232.5

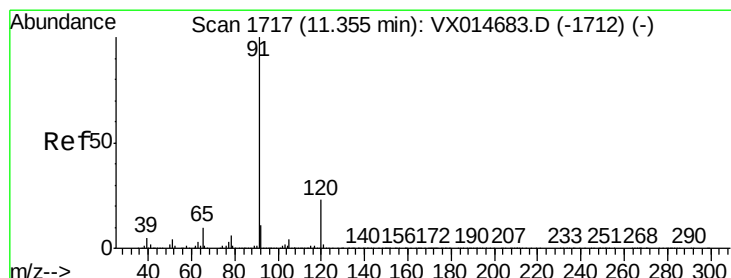
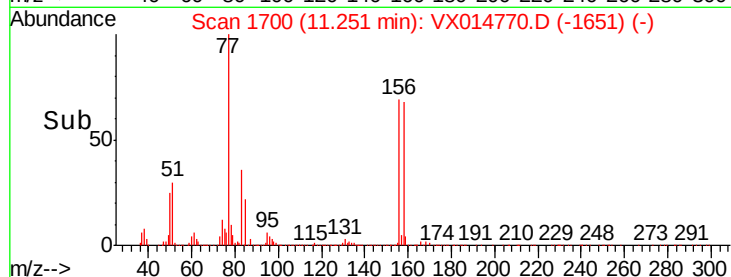
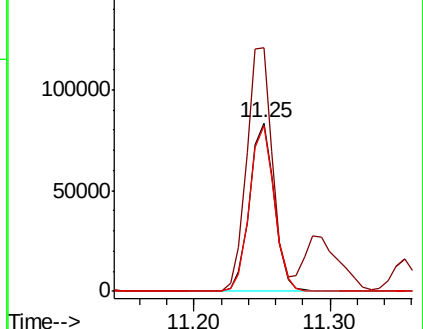
158 98.0 49.1 147.3



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: 20.421 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014770.D

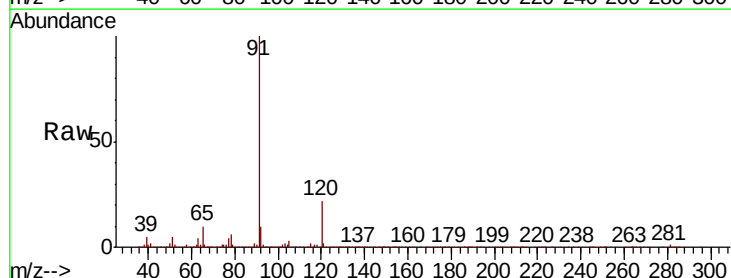
Acq: 30 Jan 2020 11:22

Tgt Ion: 91 Resp: 466856

Ion Ratio Lower Upper

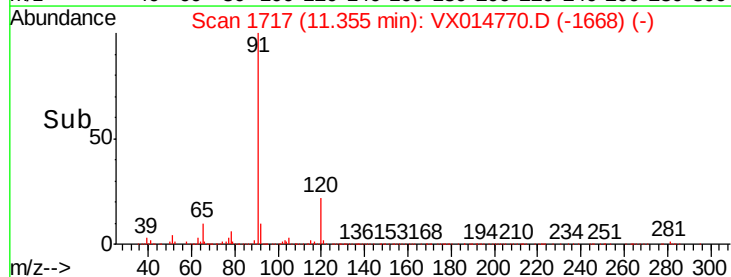
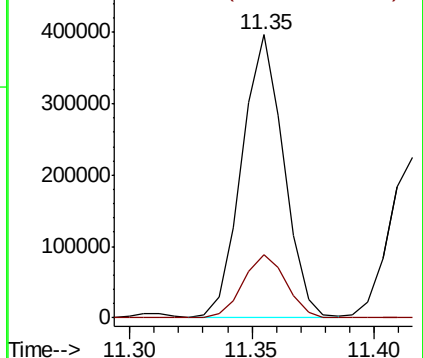
91 100

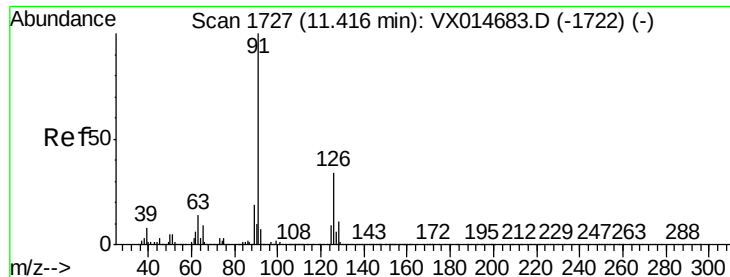
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

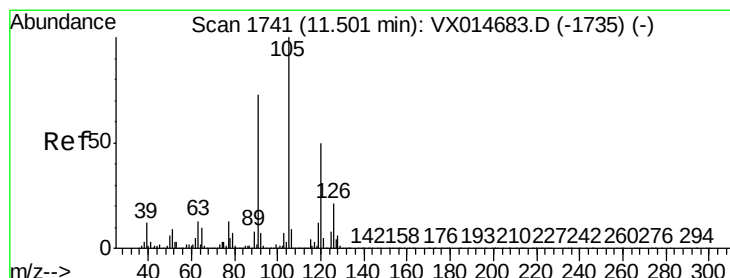
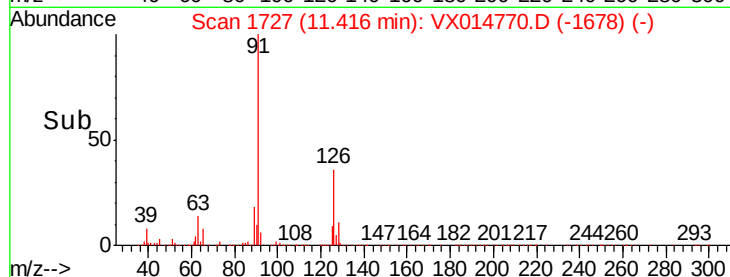
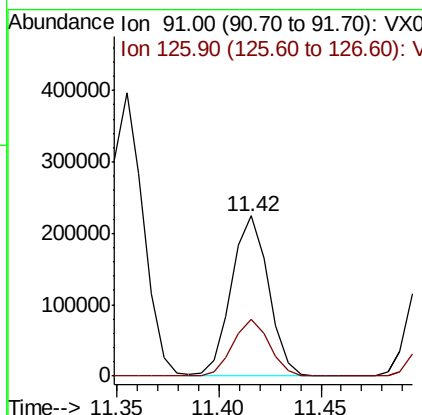
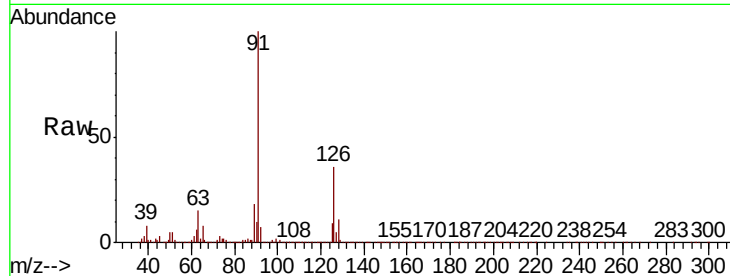




#79
 2-Chlorotoluene
 Concen: 20.318 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

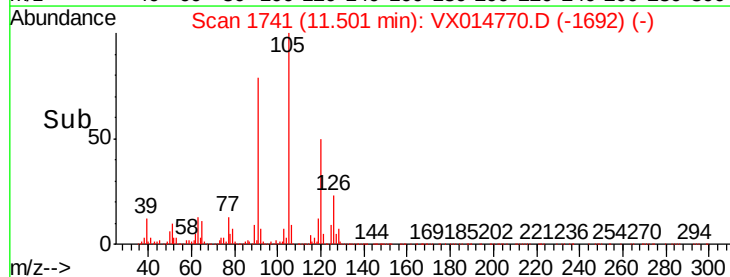
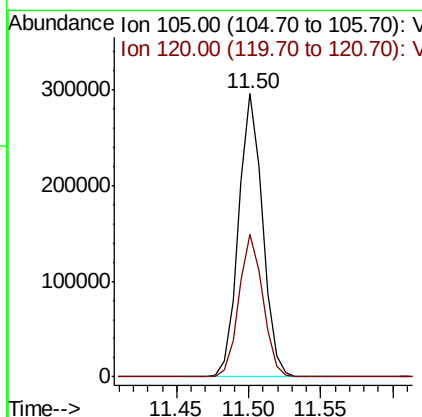
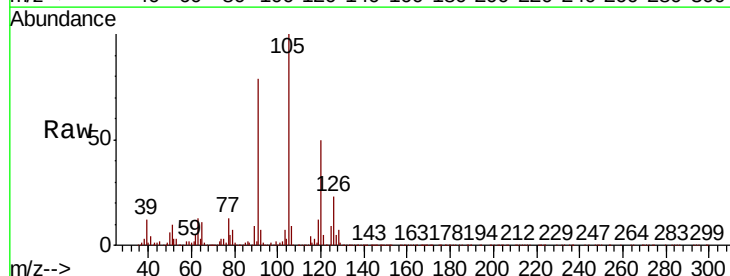
Instrument :
 MSVOA_X
 ClientSampled :

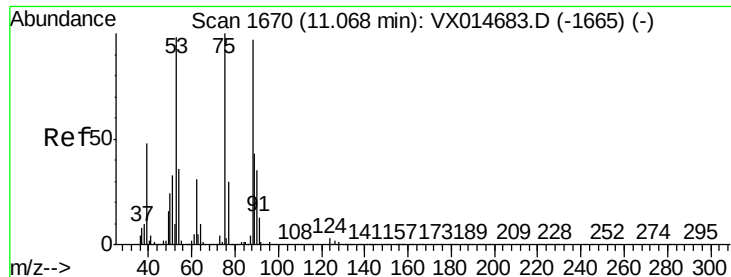
Tot Ion: 91 Resp: 281055
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.428 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion: 105 Resp: 341475
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.700 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampled :

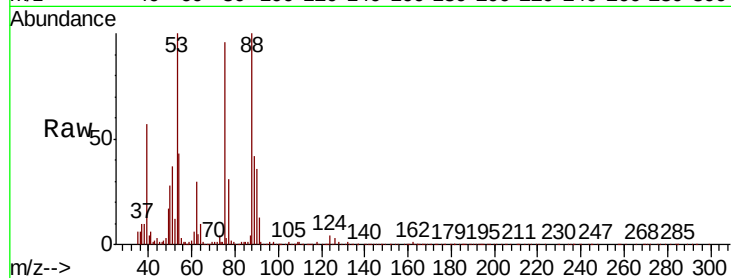
Tot Ion: 75 Resp: 41448

Ion Ratio Lower Upper

75 100

53 102.6 78.8 118.2

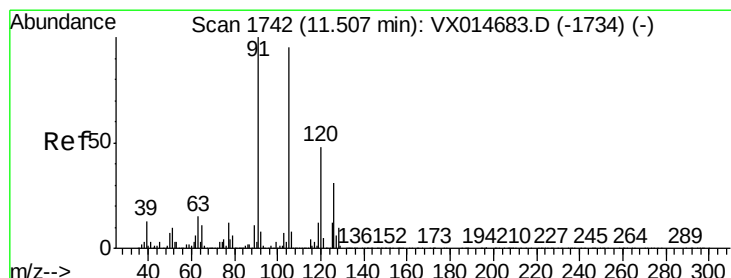
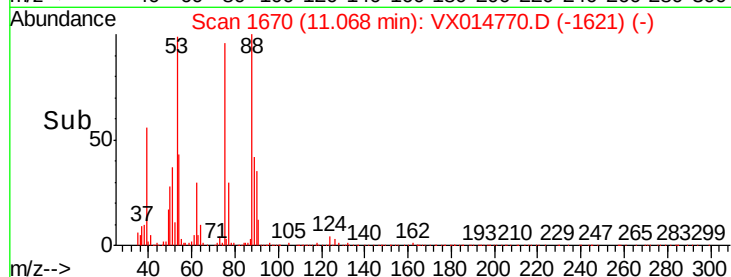
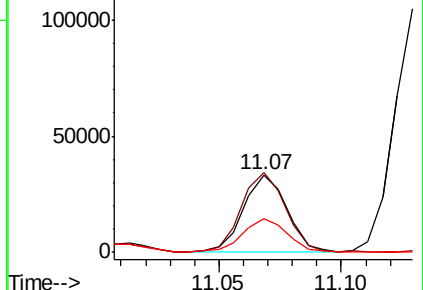
89 44.9 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.250 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014770.D

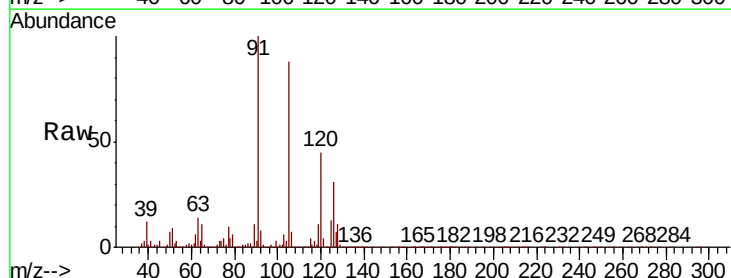
Acq: 30 Jan 2020 11:22

Tgt Ion: 91 Resp: 318891

Ion Ratio Lower Upper

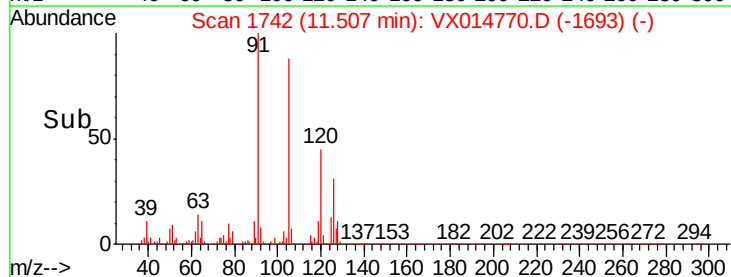
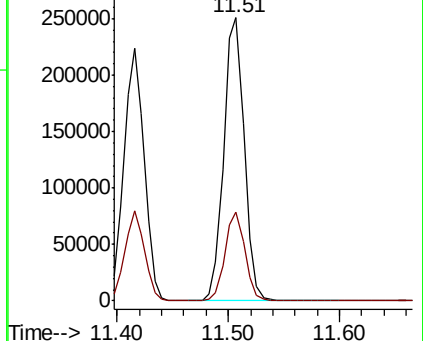
91 100

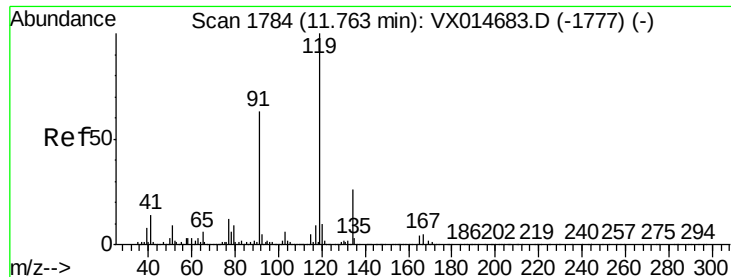
126 30.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

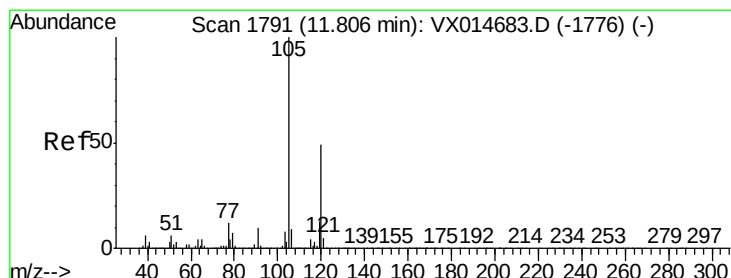
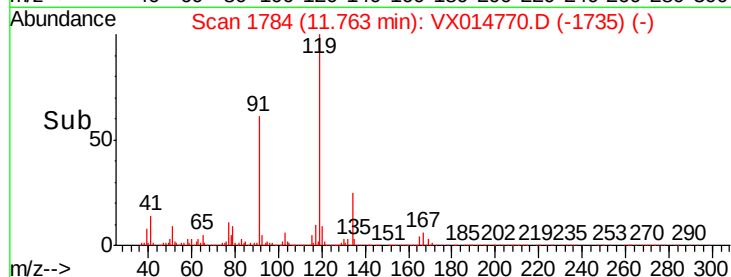
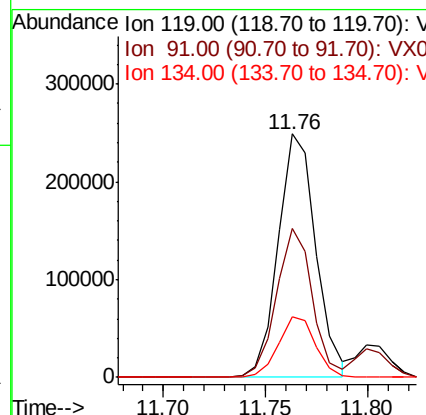
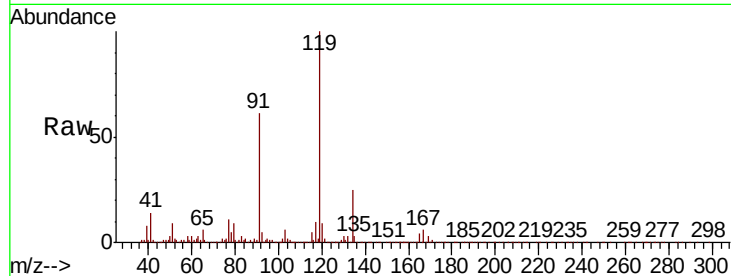




#83
 tert-Butylbenzene
 Concen: 20.389 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

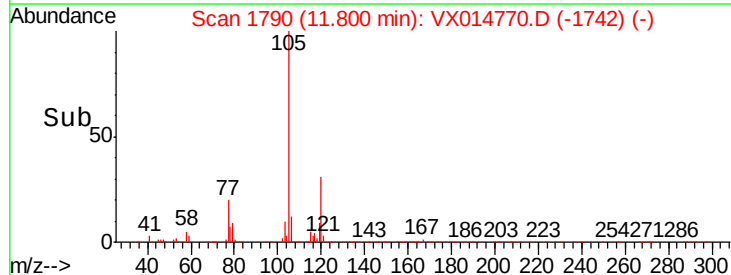
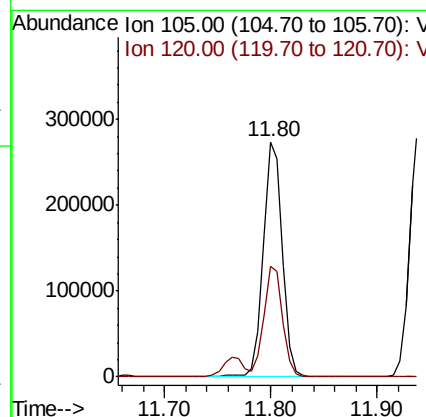
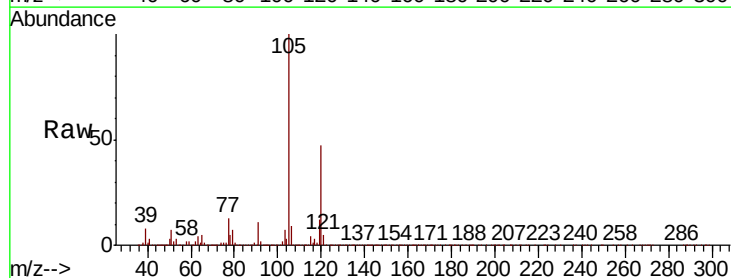
Instrument :
 MSVOA_X
 ClientSampleId :

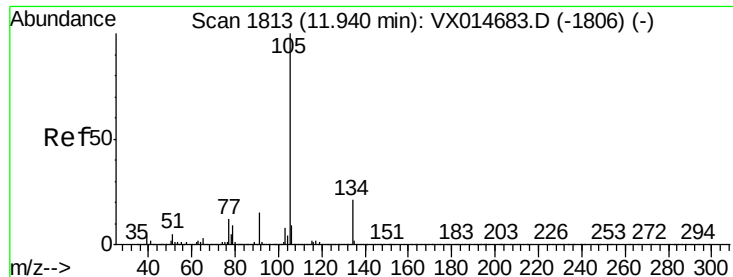
Tot Ion:119 Resp: 320264
 Ion Ratio Lower Upper
 119 100
 91 58.0 30.0 90.0
 134 24.6 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.448 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion:105 Resp: 342841
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.515 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

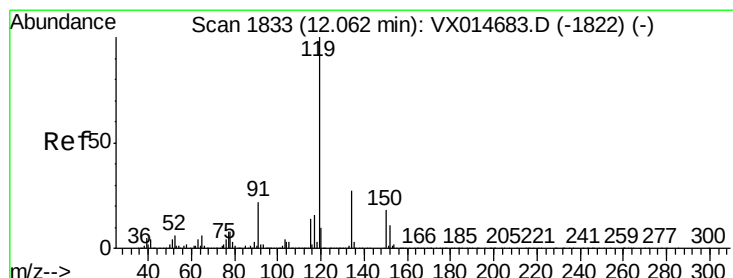
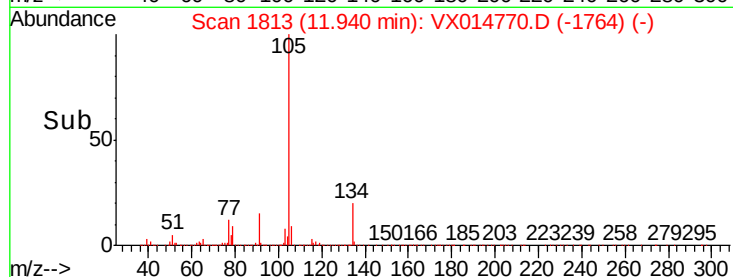
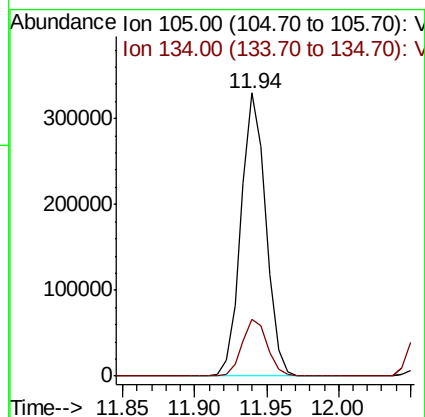
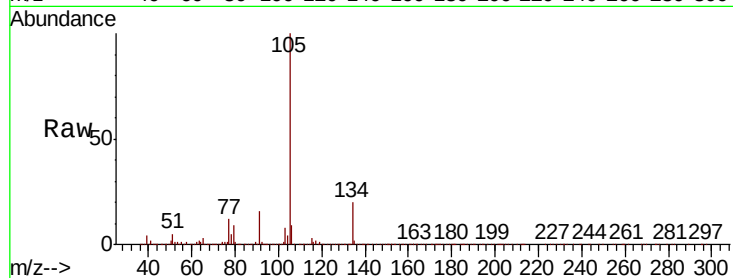
ClientSampleId :

Tot Ion:105 Resp: 394763

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.551 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

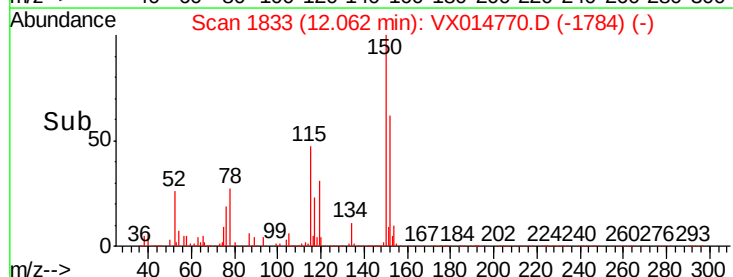
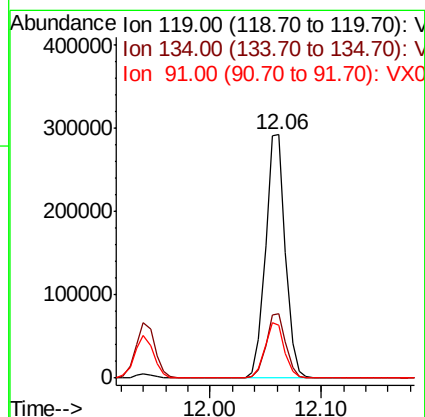
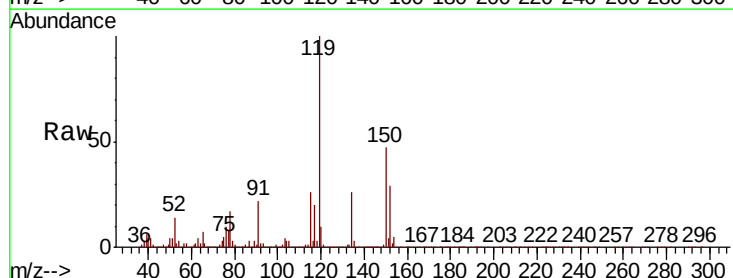
Tgt Ion:119 Resp: 365452

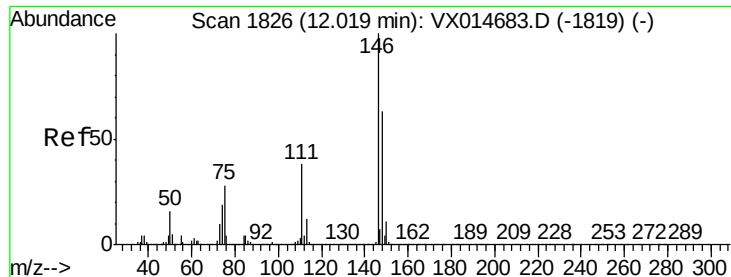
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 22.2 11.3 33.8

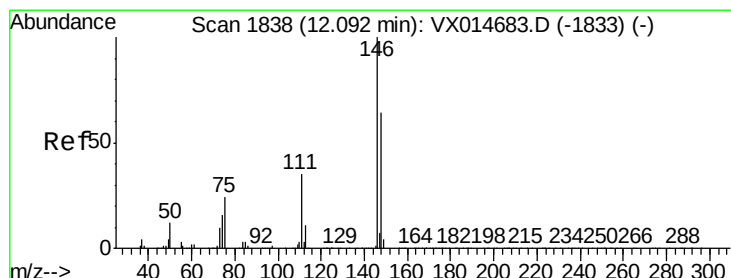
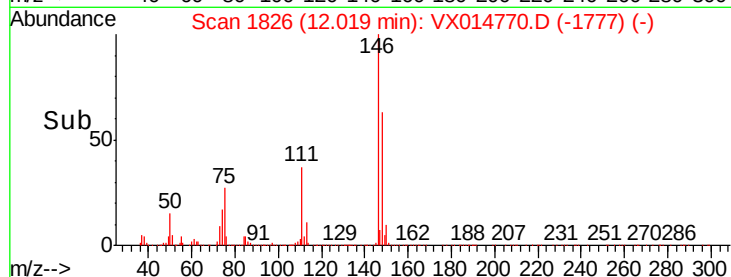
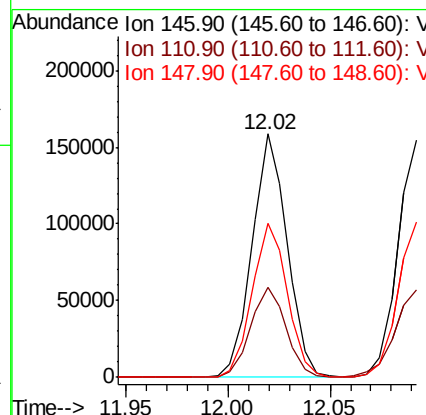
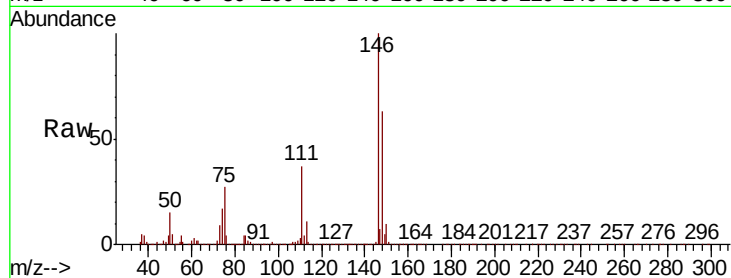




#87
 1,3-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

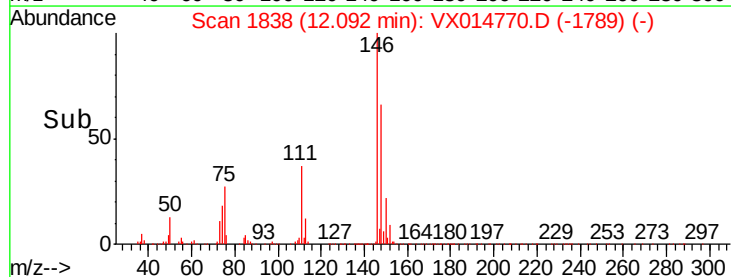
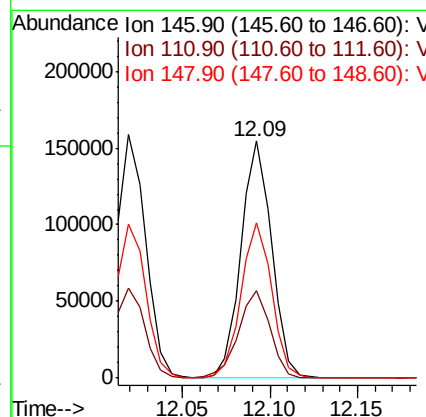
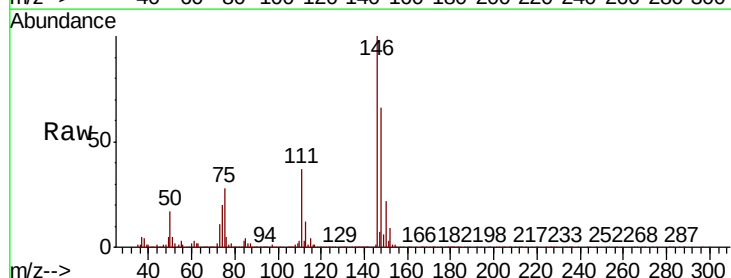
Instrument :
 MSVOA_X
 ClientSampleId :

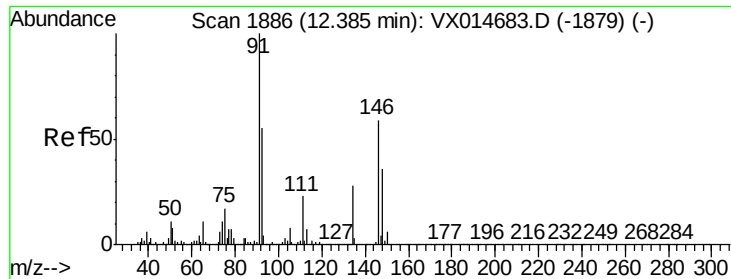
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.0	57.0
148	63.8	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.266 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	65.8	32.0	96.2

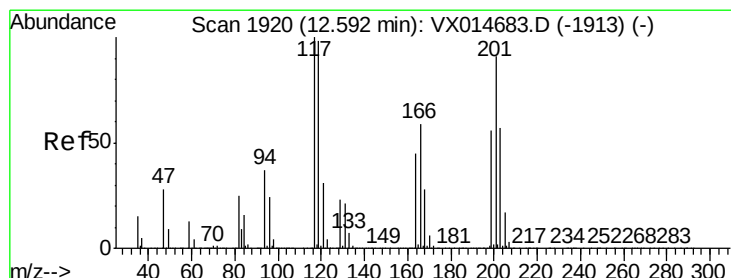
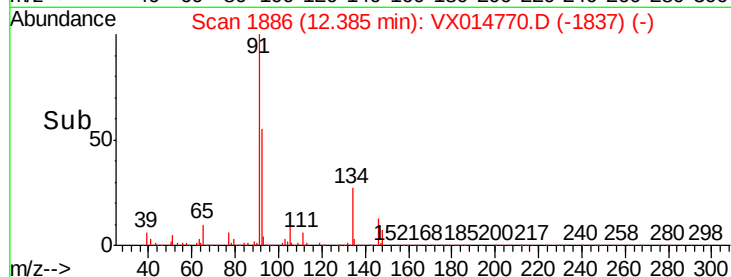
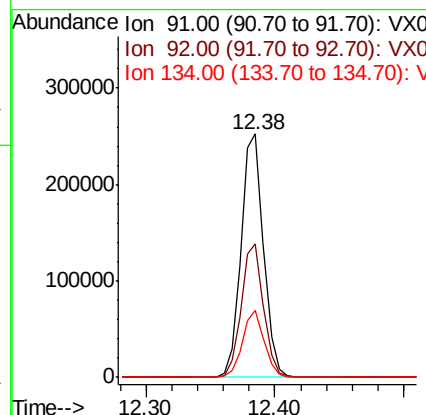
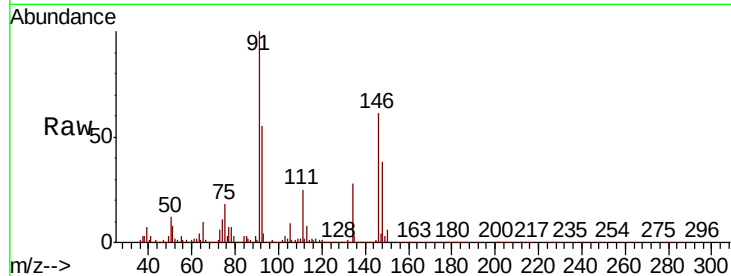




#89
n-Butylbenzene
Concen: 19.618 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

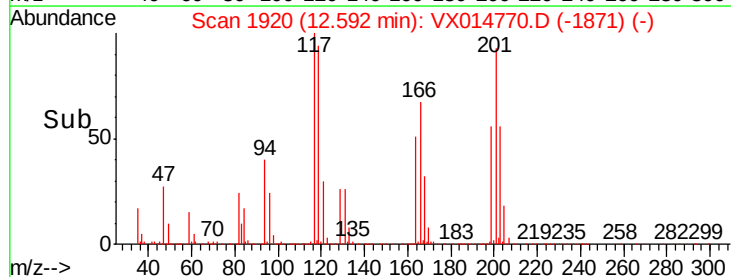
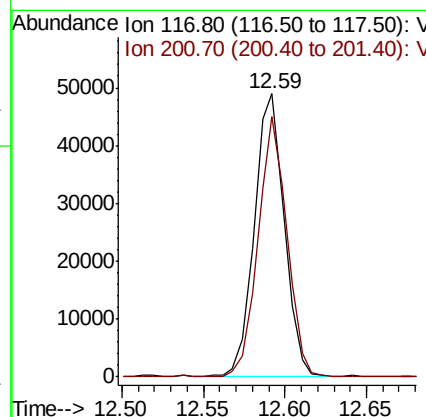
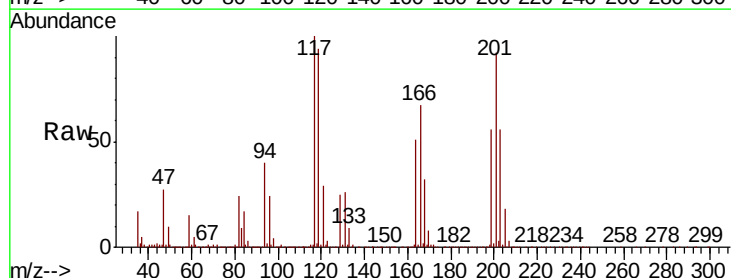
Instrument :
MSVOA_X
ClientSampleId :

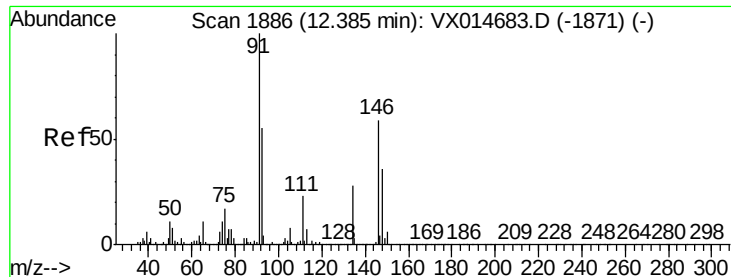
Tot Ion: 91 Resp: 303840
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.7
134 26.5 13.3 39.8



#90
Hexachloroethane
Concen: 18.943 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 117 Resp: 62569
Ion Ratio Lower Upper
117 100
201 88.3 44.4 133.1

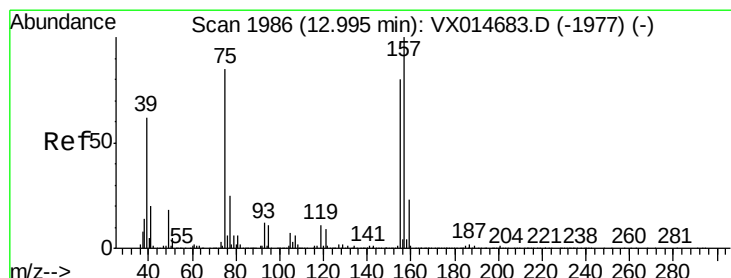
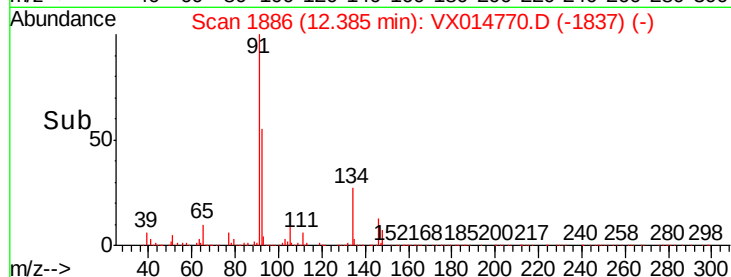
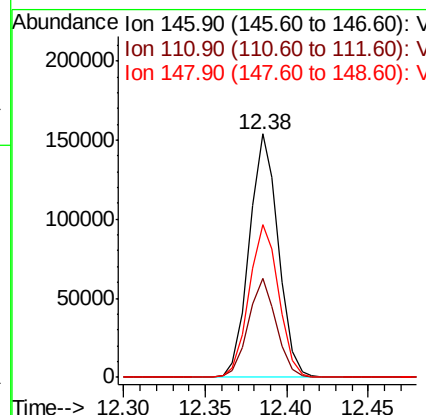
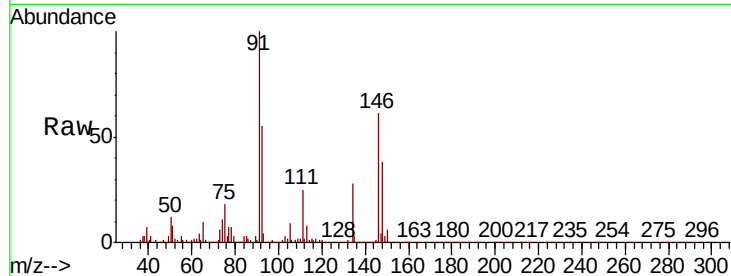




#91
 1,2-Dichlorobenzene
 Concen: 19.742 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

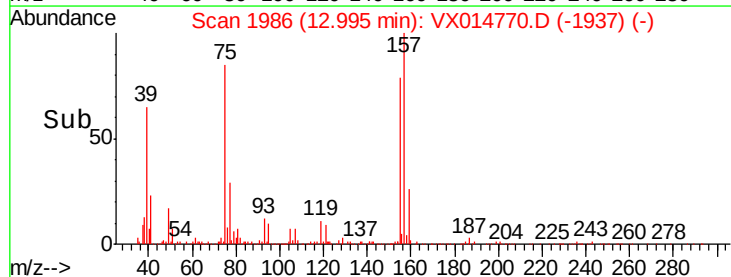
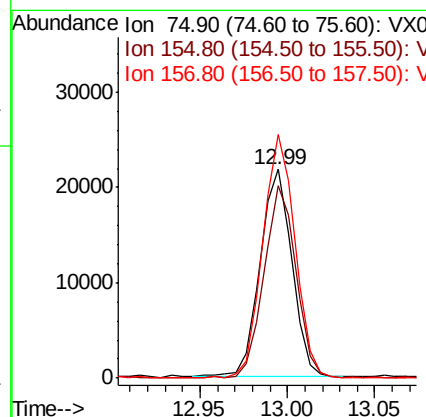
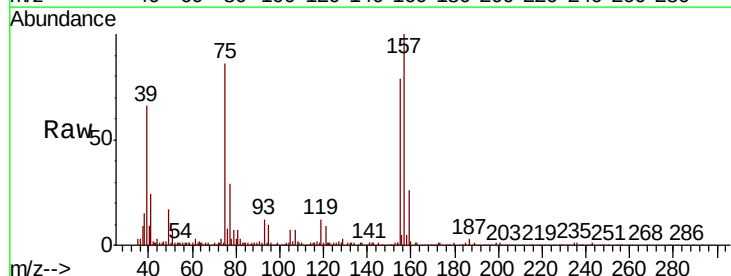
Instrument :
 MSVOA_X
 ClientSampleId :

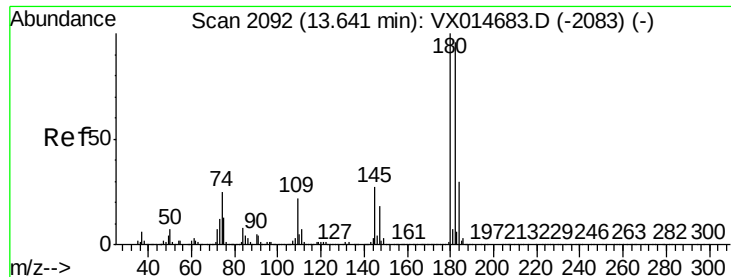
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.653 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	45.6	136.9
157	120.2	60.3	180.9

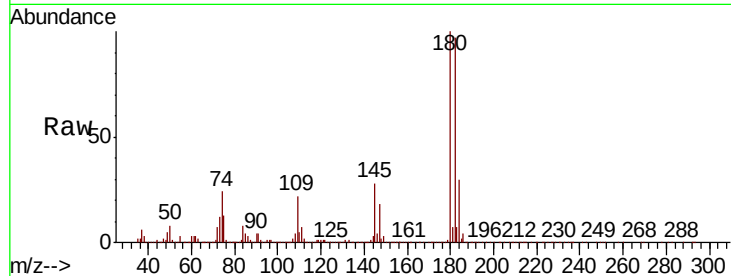




#93
 1,2,4-Trichlorobenzene
 Concen: 19.688 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.5	145.6
145	28.0	14.0	41.9

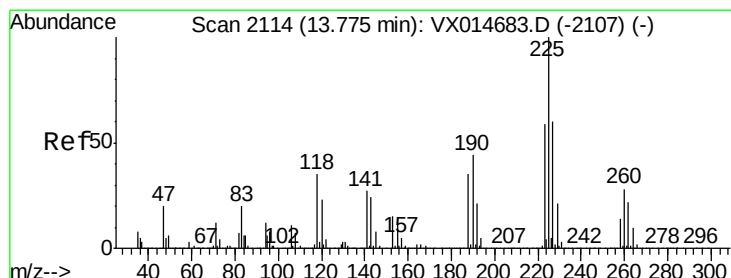
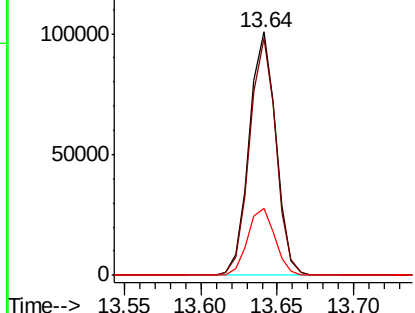
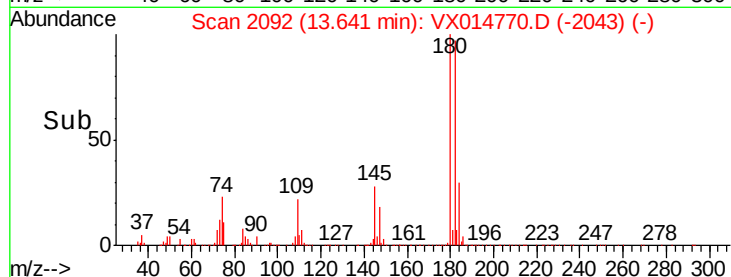


Abundance

Ion 179.80 (179.50 to 180.50): V

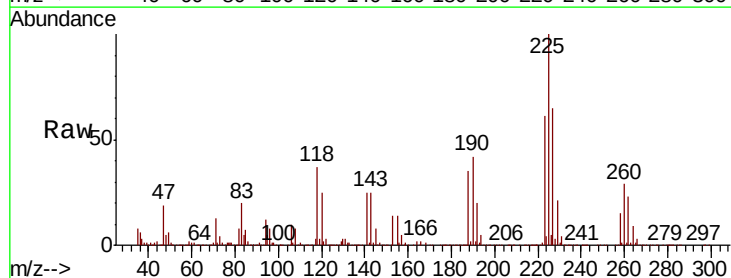
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.802 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.6	91.8
227	61.4	31.4	94.0

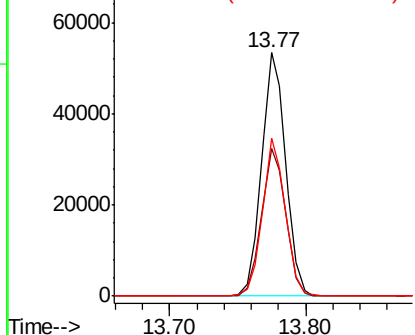
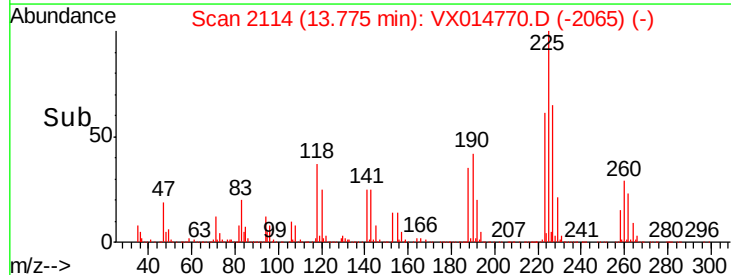


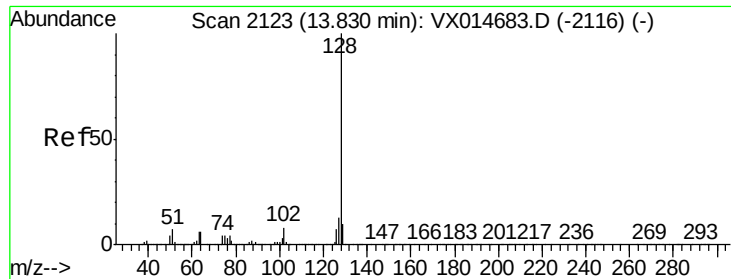
Abundance

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

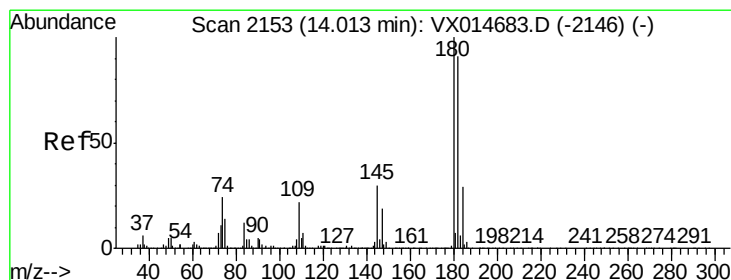
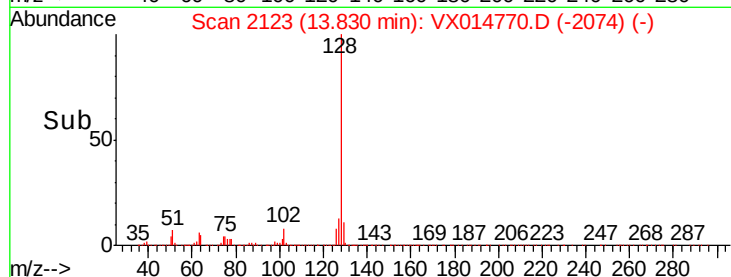
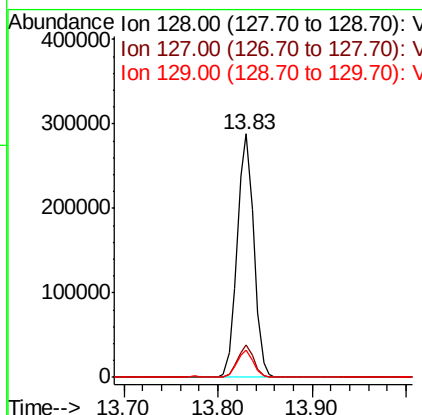
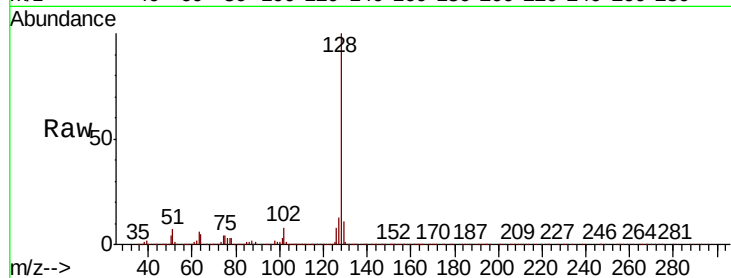




#95
Naphthalene
Concen: 18.211 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.202 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.6	139.7
145	29.7	14.7	44.1

