

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
 Data File : VX014453.D
 Acq On : 07 Jan 2020 17:21
 Operator : JC/SP
 Sample : VX0107WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

Quant Time: Jan 08 01:32:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	580569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	855221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	395967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	301279	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.49	113	248927	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.71	98	985368	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	359678	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	134713	18.848	ug/l	99
3) Chloromethane	1.32	50	139846	18.897	ug/l	99
4) Vinyl Chloride	1.40	62	154477	18.733	ug/l	95
5) Bromomethane	1.64	94	92159	16.860	ug/l	99
6) Chloroethane	1.72	64	85045	18.104	ug/l	99
7) Trichlorofluoromethane	1.93	101	169940	18.167	ug/l	99
8) Diethyl Ether	2.18	74	72426	16.971	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101607	17.853	ug/l	99
10) Methyl Iodide	2.50	142	84803	12.444	ug/l	98
11) Tert butyl alcohol	3.02	59	120678	89.177	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101220	17.653	ug/l	98
13) Acrolein	2.28	56	89324	82.352	ug/l	95
14) Allyl chloride	2.72	41	174972	17.381	ug/l	99
15) Acrylonitrile	3.13	53	280563	85.901	ug/l	100
16) Acetone	2.43	43	290504	86.666	ug/l	99
17) Carbon Disulfide	2.56	76	277689	17.356	ug/l	99
18) Methyl Acetate	2.76	43	167253	17.955	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	330233	17.941	ug/l	99
20) Methylene Chloride	2.85	84	112256	17.217	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	109831	17.545	ug/l	96
22) Diisopropyl ether	3.84	45	349920	17.986	ug/l	94
23) Vinyl Acetate	3.80	43	1356414	90.054	ug/l	99
24) 1,1-Dichloroethane	3.69	63	190144	17.966	ug/l	99
25) 2-Butanone	4.65	43	413545	85.421	ug/l	98
26) 2,2-Dichloropropane	4.58	77	157793	17.600	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	121743	17.397	ug/l	99
28) Bromochloromethane	5.00	49	78369	17.573	ug/l	98
29) Tetrahydrofuran	5.11	42	252095	88.073	ug/l	99
30) Chloroform	5.20	83	185157	17.904	ug/l	98
31) Cyclohexane	5.57	56	184094	18.584	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	155950	17.617	ug/l	99
36) 1,1-Dichloropropene	5.79	75	144801	18.004	ug/l	98
37) Ethyl Acetate	4.81	43	154731	17.712	ug/l	99
38) Carbon Tetrachloride	5.77	117	135053	18.248	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187350	18.542	ug/l	98
40) Benzene	6.13	78	443191	18.567	ug/l	98
41) Methacrylonitrile	5.02	41	83303	17.881	ug/l	98
42) 1,2-Dichloroethane	6.18	62	147839	17.714	ug/l	98
43) Isopropyl Acetate	6.43	43	256670	18.188	ug/l	100
44) Trichloroethene	7.20	130	127168	18.538	ug/l	90
45) 1,2-Dichloropropane	7.50	63	111830	18.376	ug/l	97
46) Dibromomethane	7.65	93	72704	17.117	ug/l	97
47) Bromodichloromethane	7.89	83	142252	18.405	ug/l	97
48) Methyl methacrylate	7.76	41	123440	18.263	ug/l	99
49) 1,4-Dioxane	7.73	88	51482	359.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	780488	90.759	ug/l	99
52) Toluene	8.78	92	279797	18.311	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	160623	17.851	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179726	18.490	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110542	18.011	ug/l	100
56) Ethyl methacrylate	9.17	69	170319	18.113	ug/l	98
57) 1,3-Dichloropropane	9.36	76	185123	18.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	302365	94.512	ug/l	99
59) 2-Hexanone	9.48	43	611130	89.814	ug/l	100
60) Dibromochloromethane	9.57	129	112677	18.265	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115347	17.742	ug/l	99
64) Tetrachloroethene	9.33	164	134914	17.458	ug/l	98
65) Chlorobenzene	10.13	112	300310	17.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108666	18.196	ug/l	99
67) Ethyl Benzene	10.25	91	527895	18.508	ug/l	97
68) m/p-Xylenes	10.35	106	402141	36.546	ug/l	98
69) o-Xylene	10.69	106	193180	18.400	ug/l	99
70) Styrene	10.71	104	329011	18.159	ug/l	99
71) Bromoform	10.85	173	85468	17.493	ug/l #	100
73) Isopropylbenzene	11.01	105	514484	18.503	ug/l	99
74) N-amyl acetate	10.89	43	221590	18.063	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	159007	17.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188140	22.965	ug/l	82
77) Bromobenzene	11.25	156	137678	17.855	ug/l	98
78) n-propylbenzene	11.35	91	600210	18.848	ug/l	100
79) 2-Chlorotoluene	11.42	91	349028	18.390	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	433596	18.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54818	17.690	ug/l	99
82) 4-Chlorotoluene	11.51	91	408583	18.341	ug/l	98
83) tert-Butylbenzene	11.76	119	408326	18.720	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	433220	18.572	ug/l	99
85) sec-Butylbenzene	11.94	105	511769	18.873	ug/l	99
86) p-Isopropyltoluene	12.06	119	476049	18.919	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	247430	17.880	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	249612	18.834	ug/l	99
89) n-Butylbenzene	12.39	91	421460	18.319	ug/l	100
90) Hexachloroethane	12.59	117	78698	17.806	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	239193	17.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36522	18.208	ug/l	94

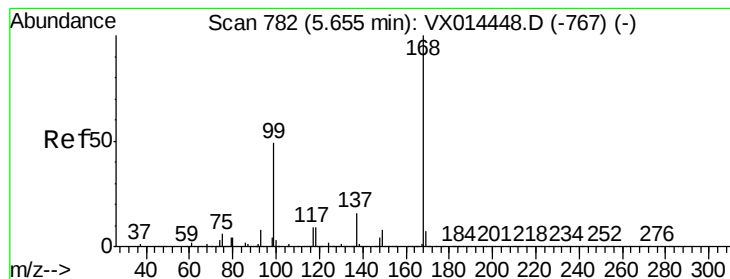
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	179580	18.802	ug/l	100
94) Hexachlorobutadiene	13.78	225	83940	18.872	ug/l	99
95) Naphthalene	13.83	128	511507	17.318	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	175307	18.602	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

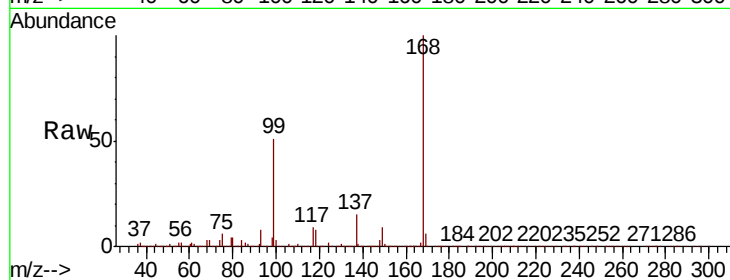
VX0107WBS01

Tot Ion:168 Resp: 580569

Ion Ratio Lower Upper

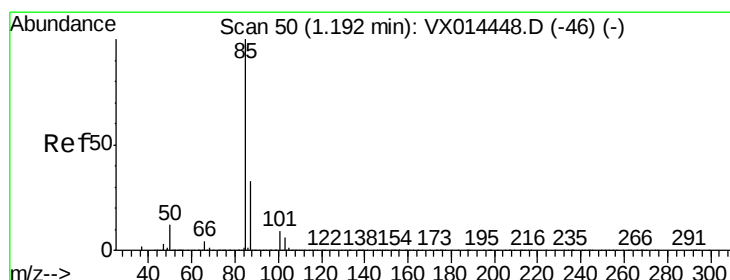
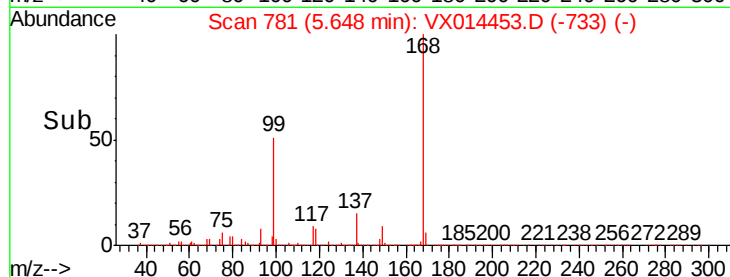
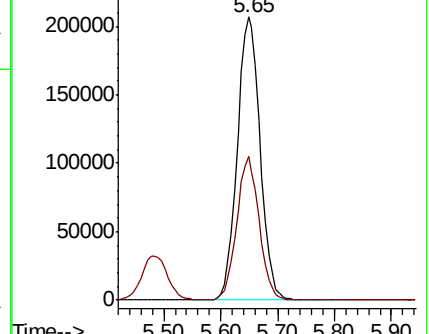
168 100

99 50.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.848 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014453.D

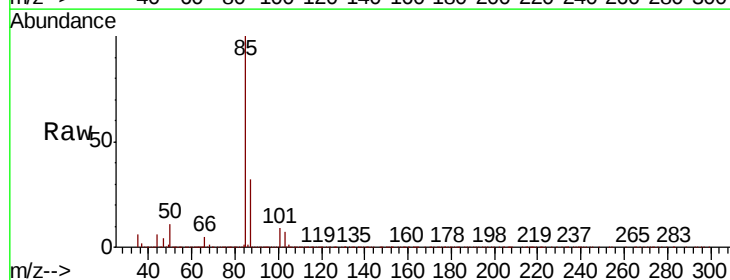
Acq: 07 Jan 2020 17:21

Tgt Ion: 85 Resp: 134713

Ion Ratio Lower Upper

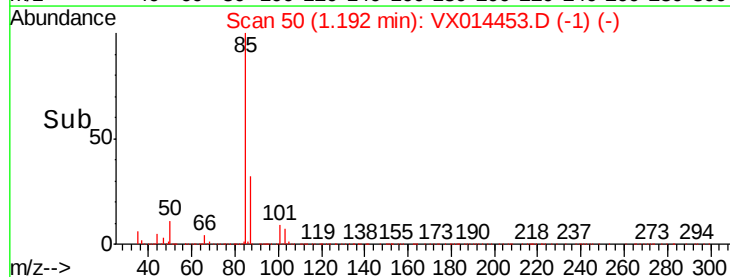
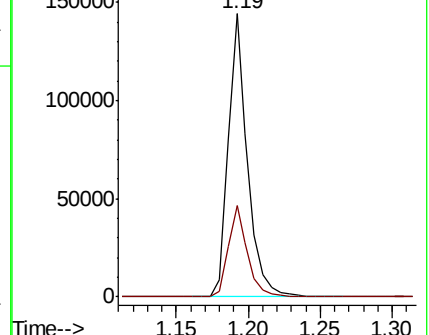
85 100

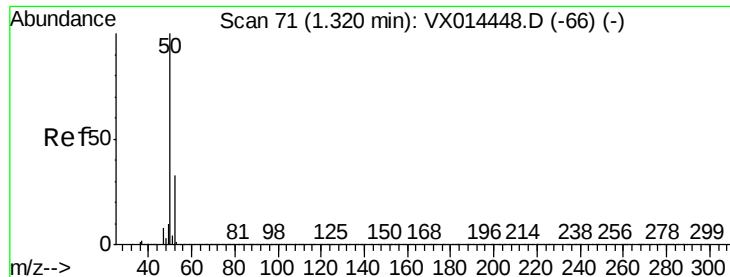
87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

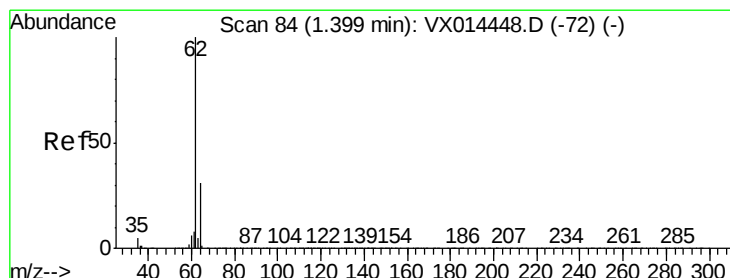
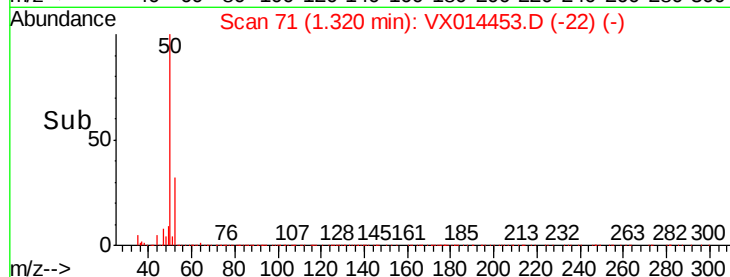
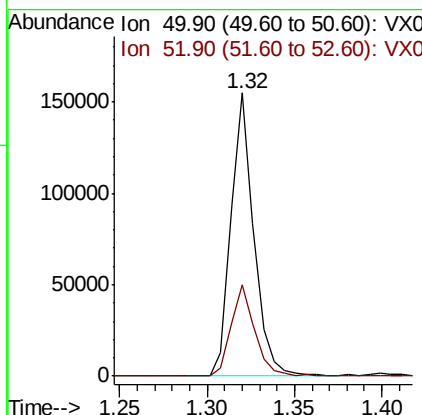
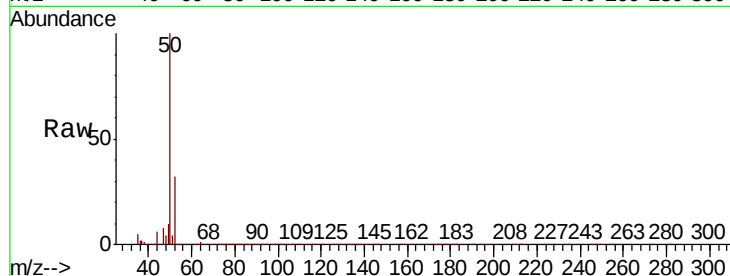




#3
Chloromethane
Concen: 18.897 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

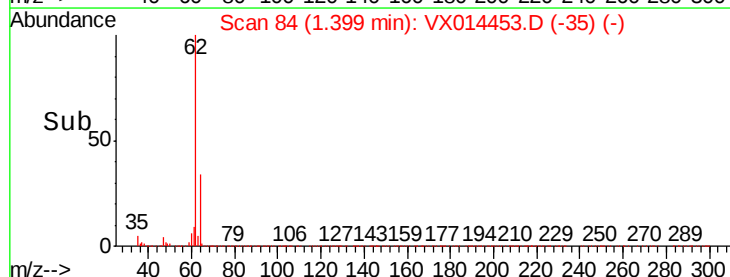
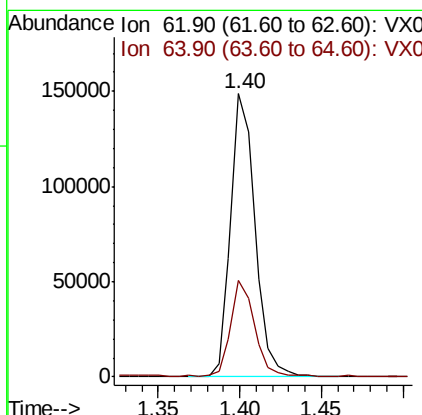
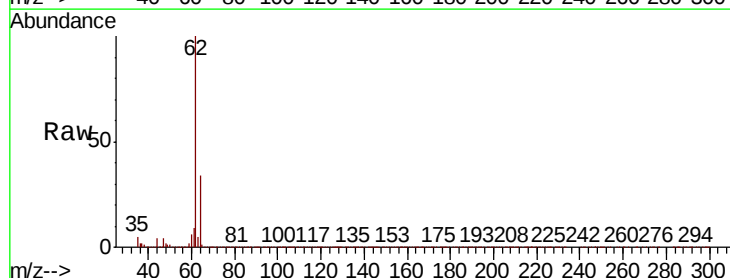
Instrument :
MSVOA_X
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VX0107WBS01

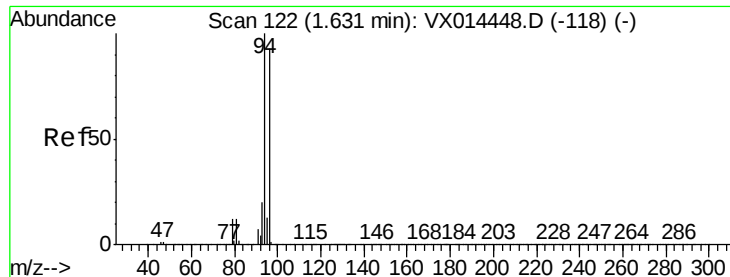
Tot Ion: 50 Resp: 139846
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 18.733 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 62 Resp: 154477
Ion Ratio Lower Upper
62 100
64 33.6 24.6 37.0





#5

Bromomethane

Concen: 16.860 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

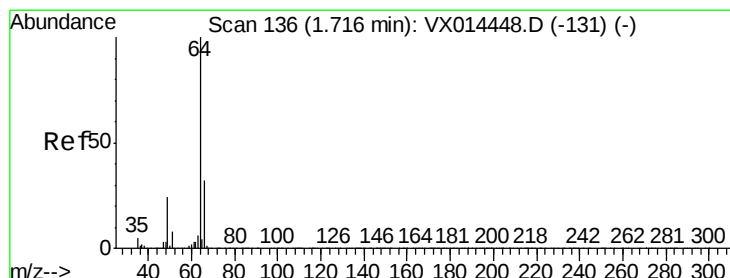
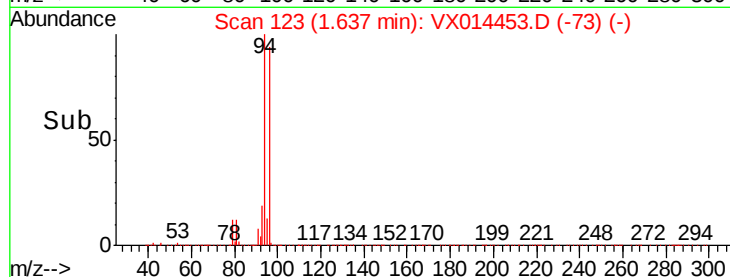
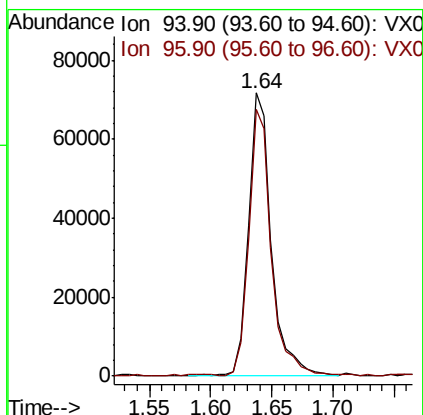
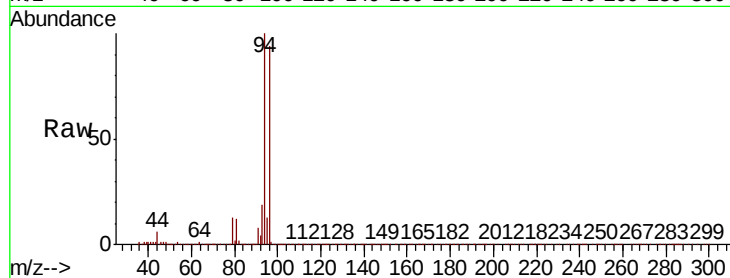
VX0107WBS01

Tot Ion: 94 Resp: 92159

Ion Ratio Lower Upper

94 100

96 93.9 74.2 111.2



#6

Chloroethane

Concen: 18.104 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014453.D

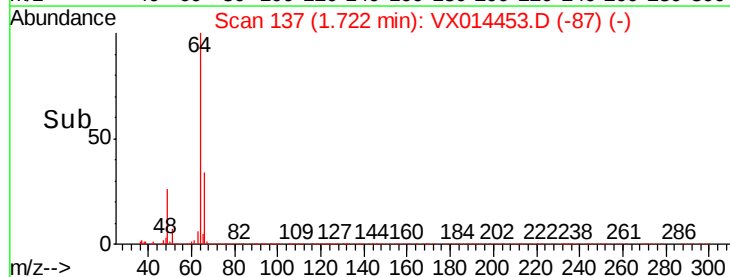
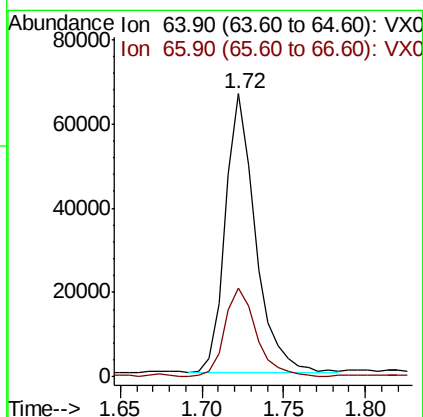
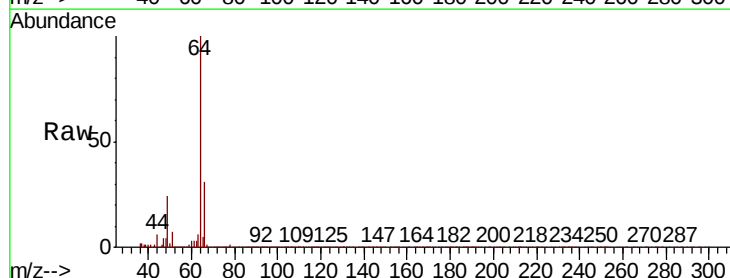
Acq: 07 Jan 2020 17:21

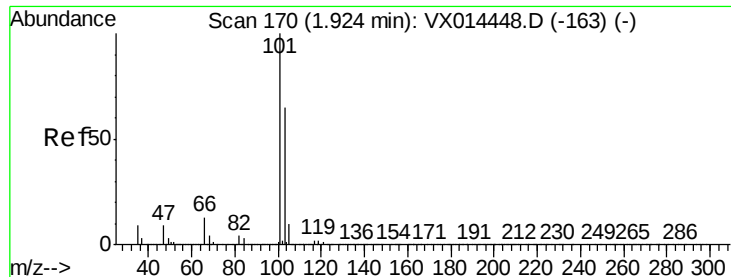
Tgt Ion: 64 Resp: 85045

Ion Ratio Lower Upper

64 100

66 31.3 25.3 37.9



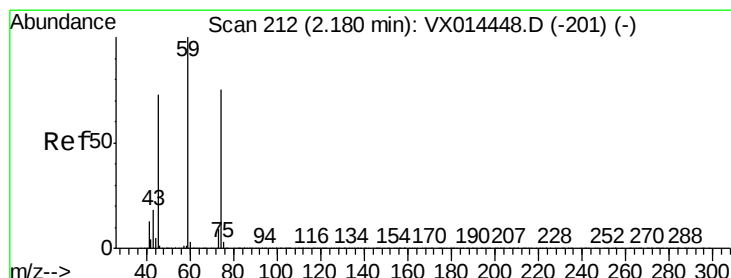
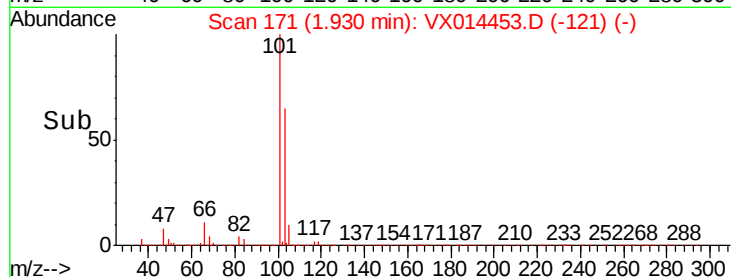
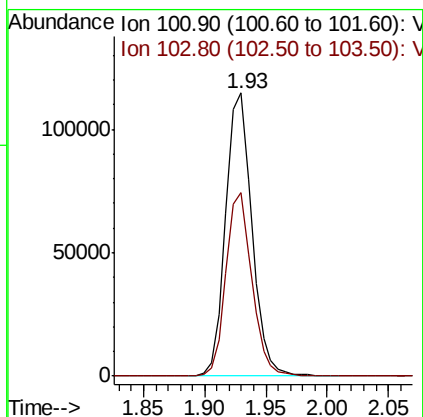
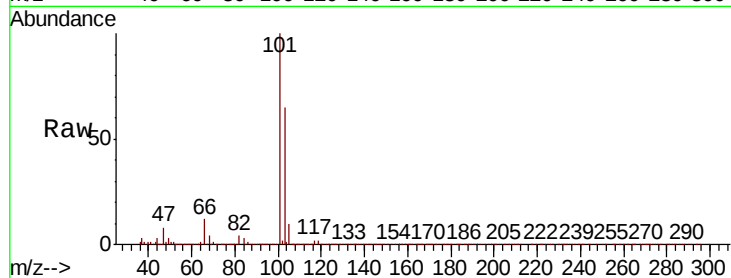


#7

Trichlorofluoromethane
Concen: 18.167 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
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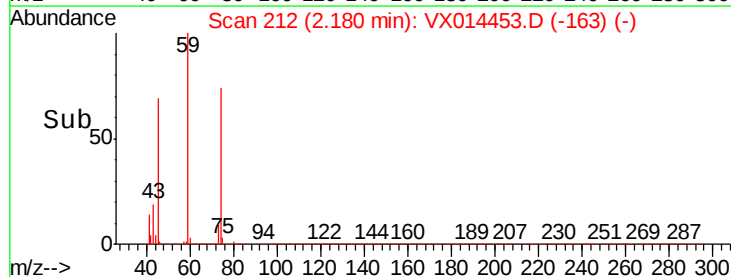
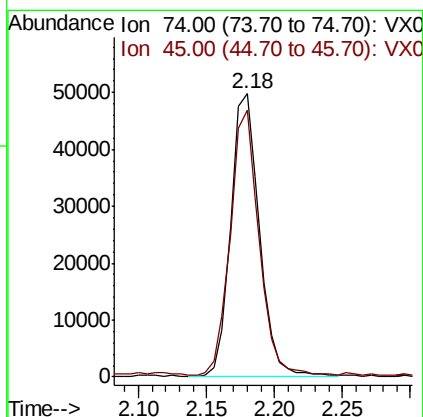
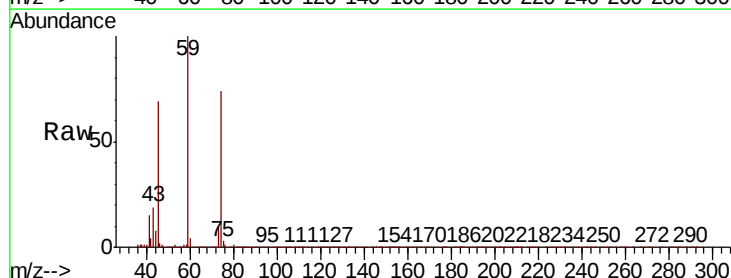
Tot Ion:101 Resp: 169940
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

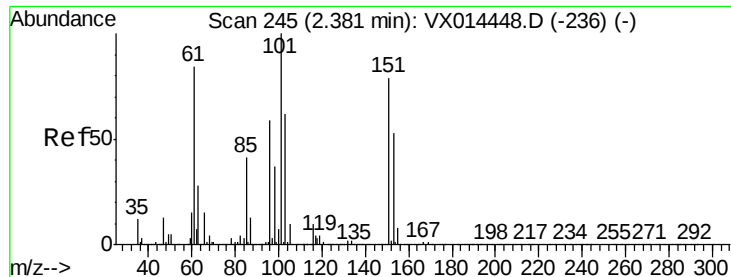


#8

Diethyl Ether
Concen: 16.971 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 74 Resp: 72426
Ion Ratio Lower Upper
74 100
45 94.5 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.853 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

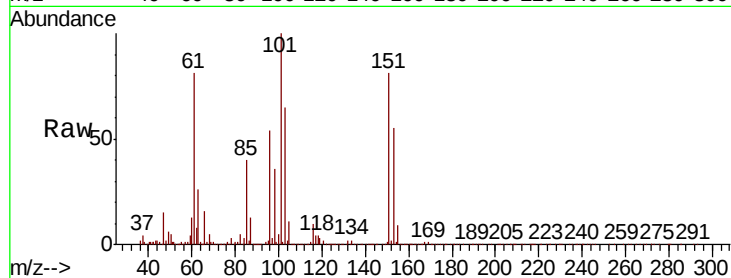
Tot Ion:101 Resp: 101607

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.8

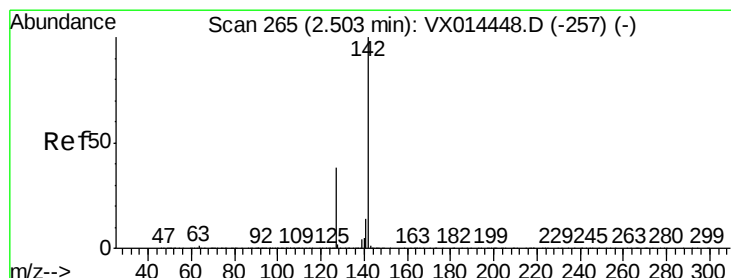
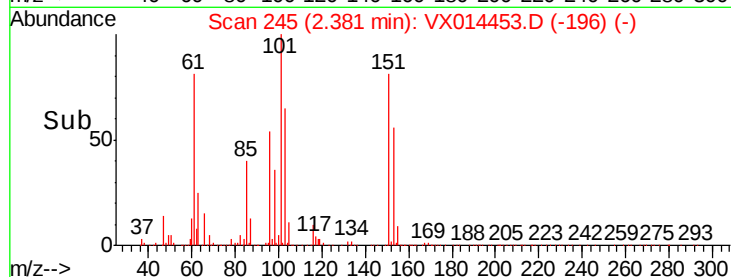
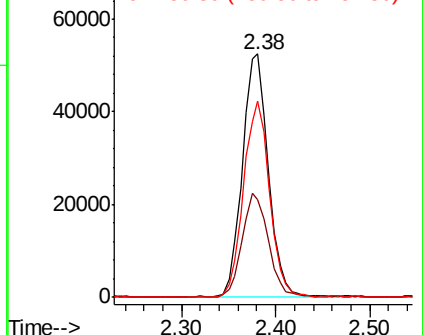
151 80.4 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.444 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

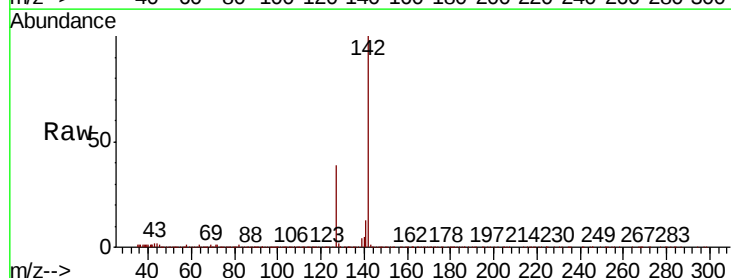
Tgt Ion:142 Resp: 84803

Ion Ratio Lower Upper

142 100

127 37.5 31.2 46.8

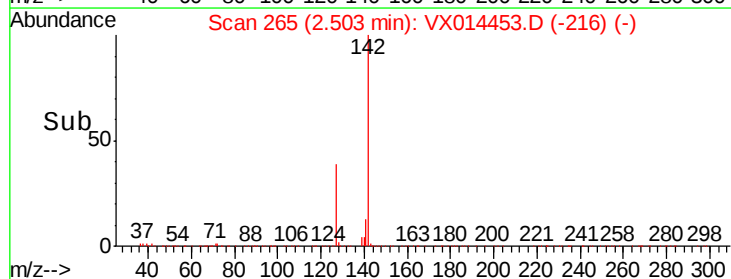
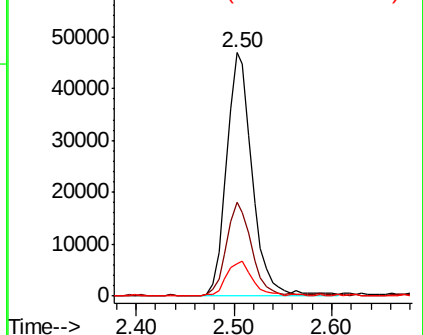
141 15.1 11.4 17.2

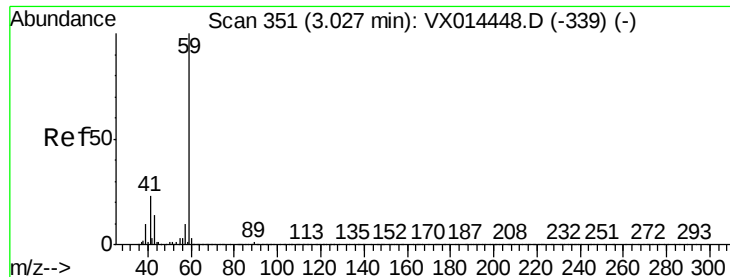


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



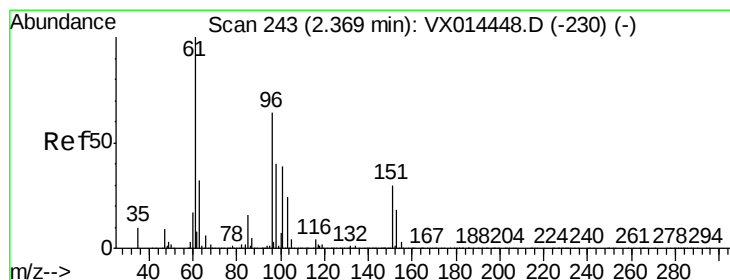
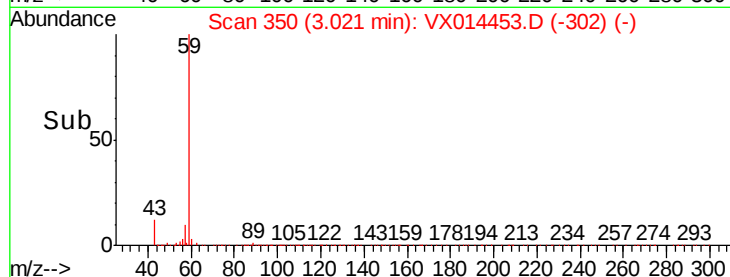
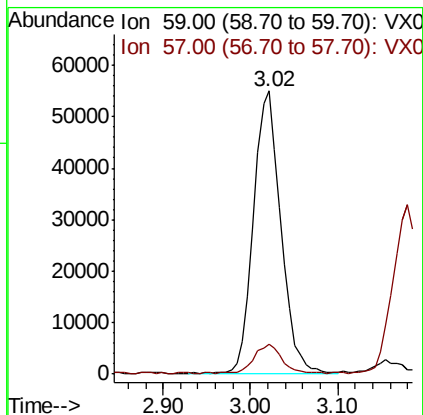
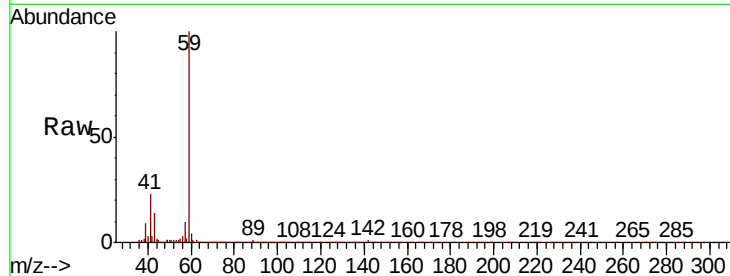


#11

Tert butyl alcohol
 Concen: 89.177 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

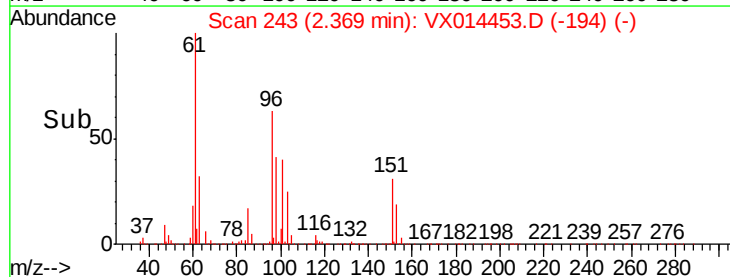
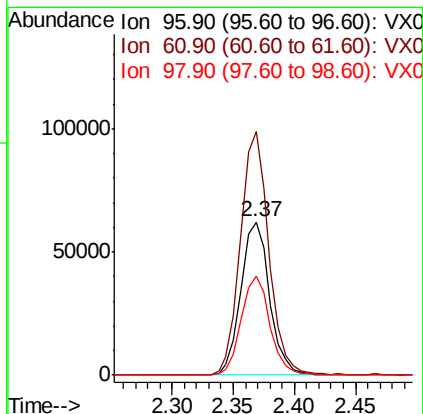
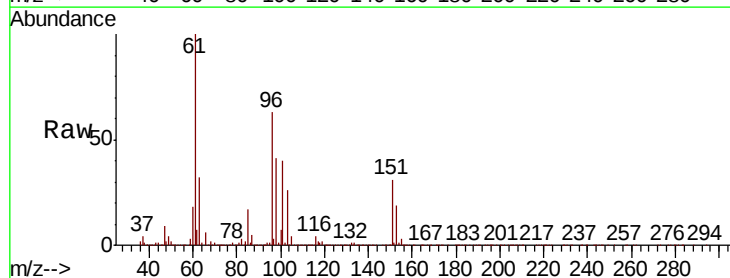
Tot Ion: 59 Resp: 120678
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

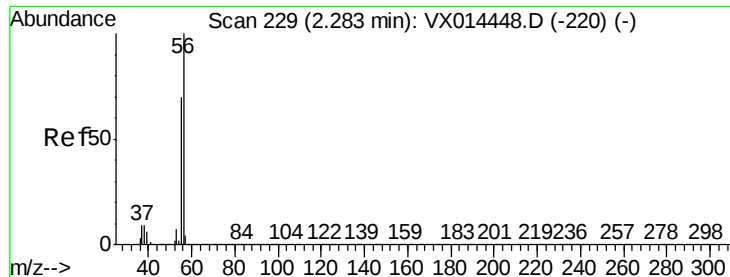


#12

1,1-Dichloroethene
 Concen: 17.653 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Tgt Ion: 96 Resp: 101220
 Ion Ratio Lower Upper
 96 100
 61 159.4 125.0 187.6
 98 64.6 50.2 75.2





#13

Acrolein

Concen: 82.352 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

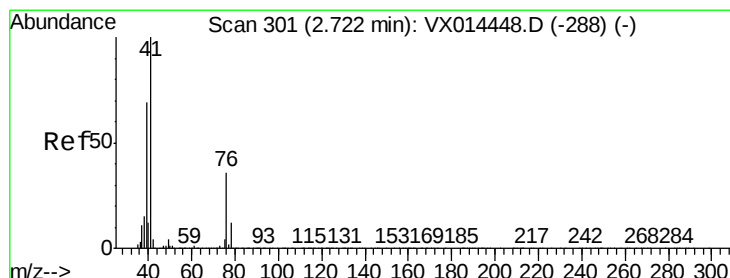
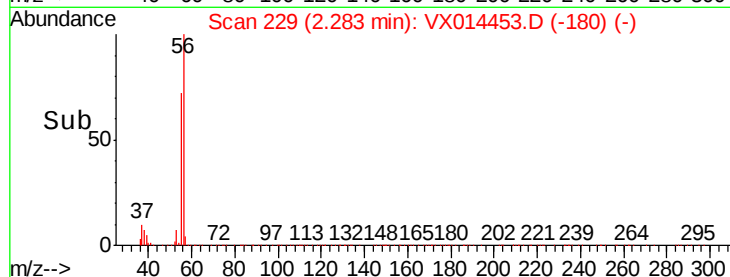
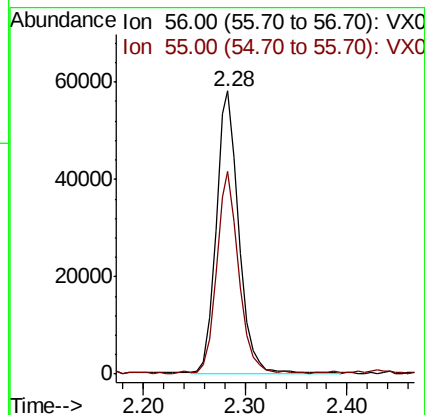
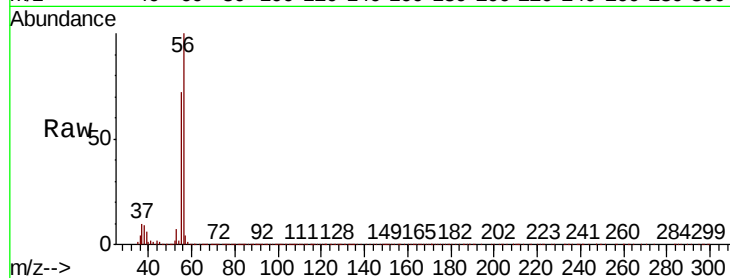
VX0107WBS01

Tot Ion: 56 Resp: 89324

Ion Ratio Lower Upper

56 100

55 72.5 55.0 82.6



#14

Allyl chloride

Concen: 17.381 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

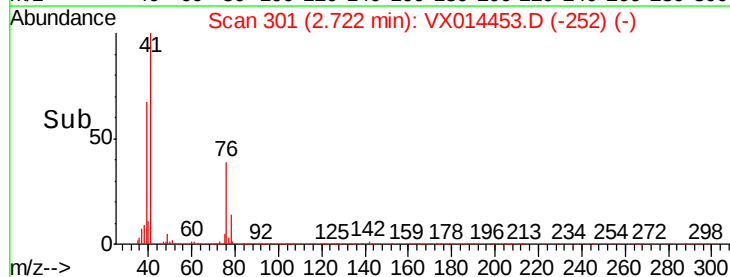
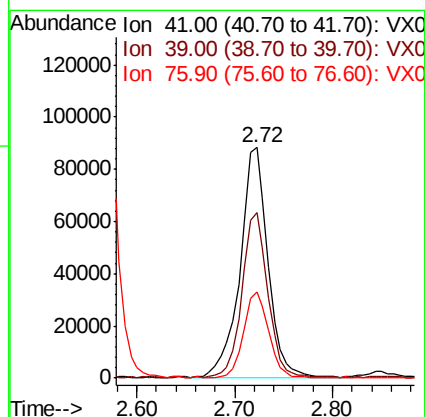
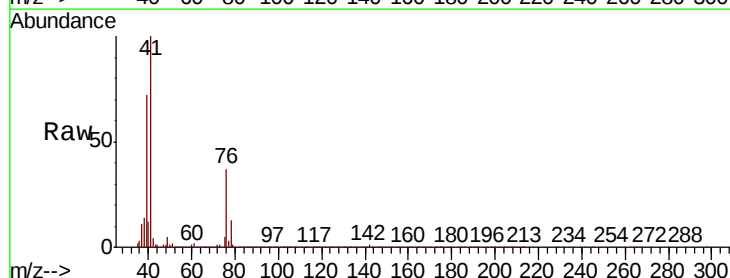
Tgt Ion: 41 Resp: 174972

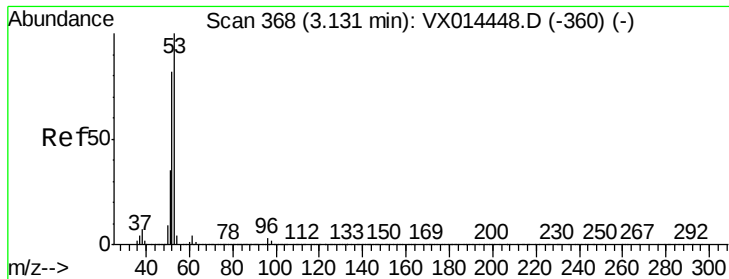
Ion Ratio Lower Upper

41 100

39 65.4 51.7 77.5

76 32.9 26.8 40.2

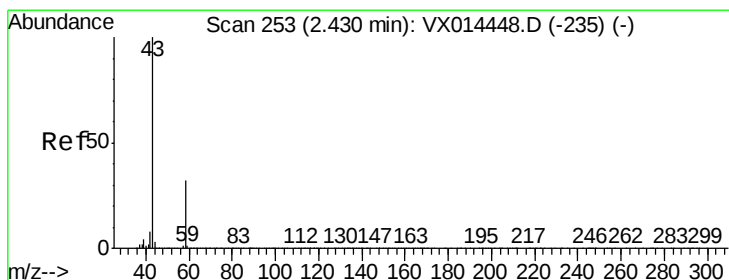
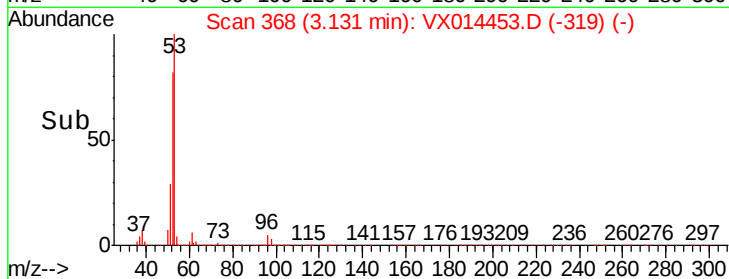
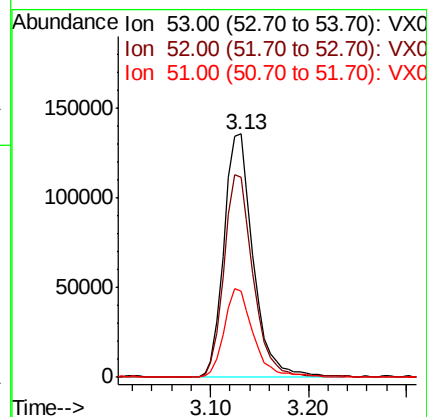
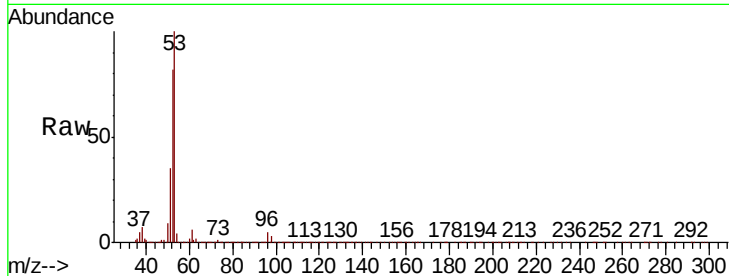




#15
 Acrylonitrile
 Concen: 85.901 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

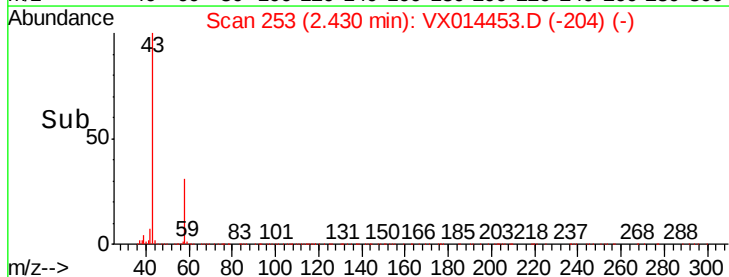
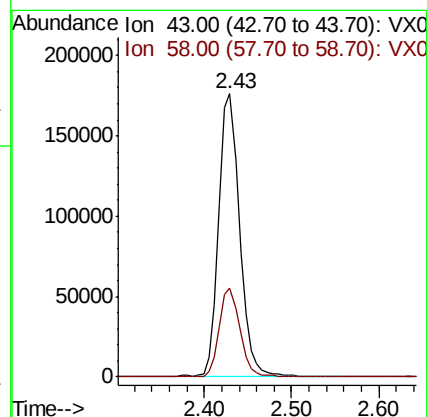
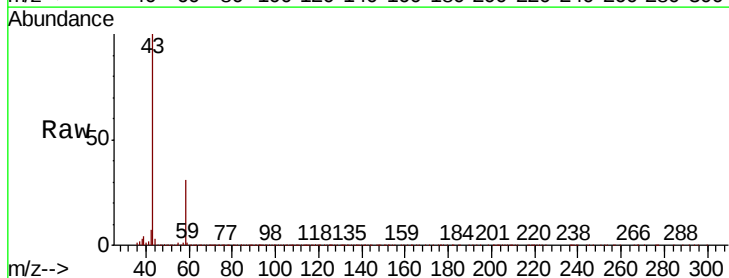
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

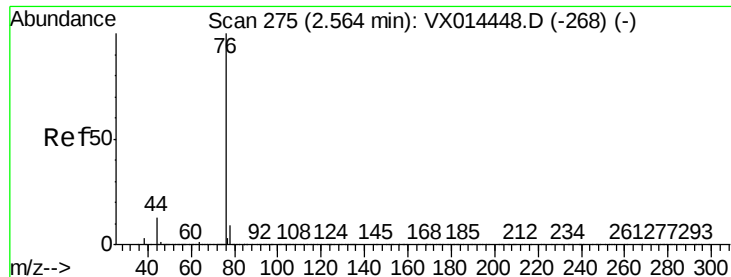
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	36.0	28.5	42.7



#16
 Acetone
 Concen: 86.666 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.4	38.0

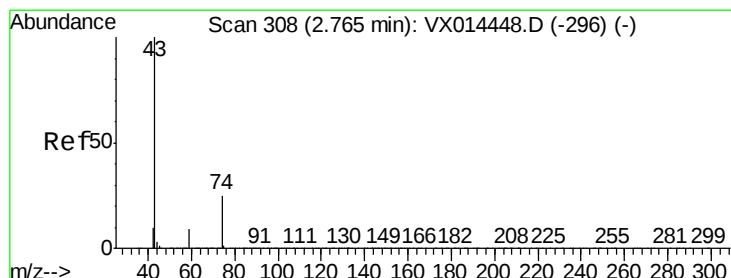
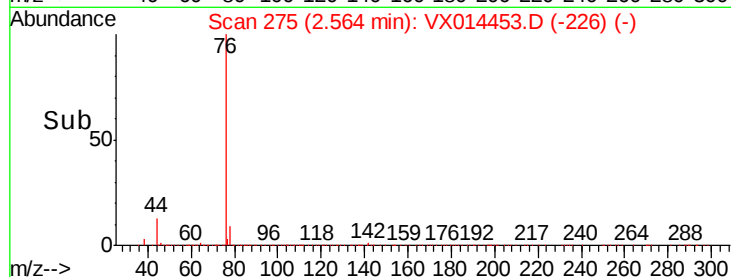
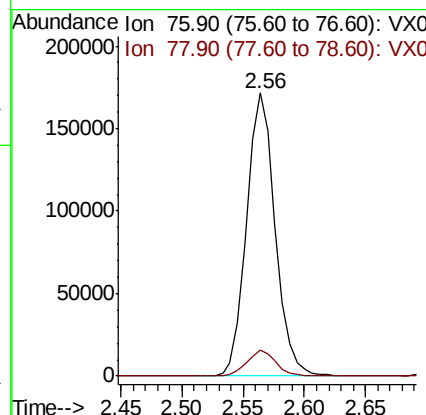
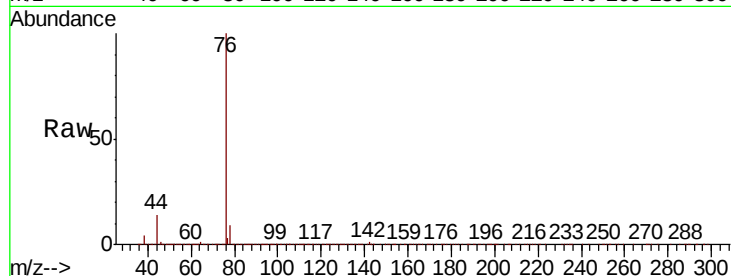




#17
Carbon Disulfide
Concen: 17.356 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

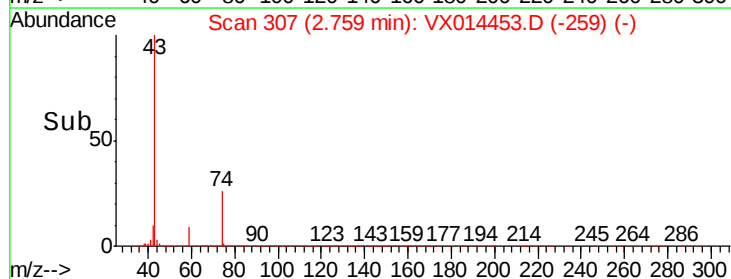
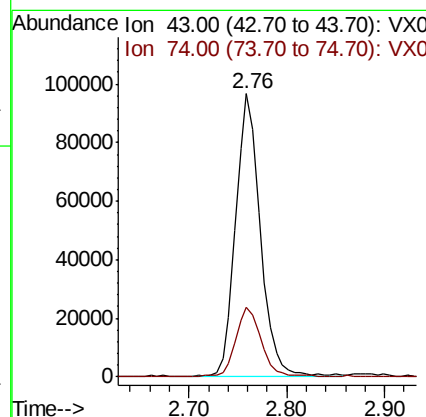
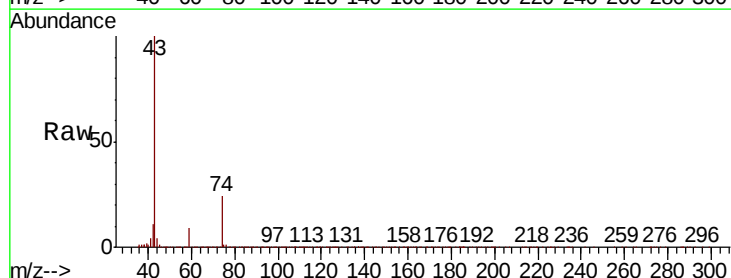
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

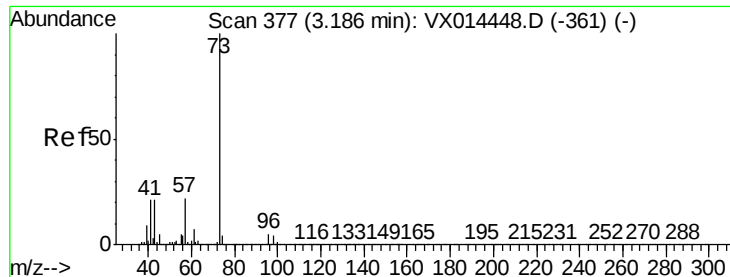
Tot Ion: 76 Resp: 277689
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 17.955 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 43 Resp: 167253
Ion Ratio Lower Upper
43 100
74 26.1 19.4 29.2



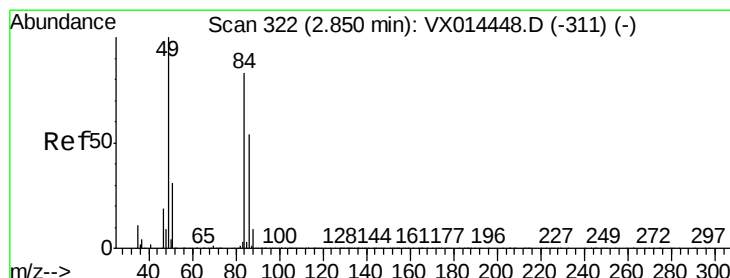
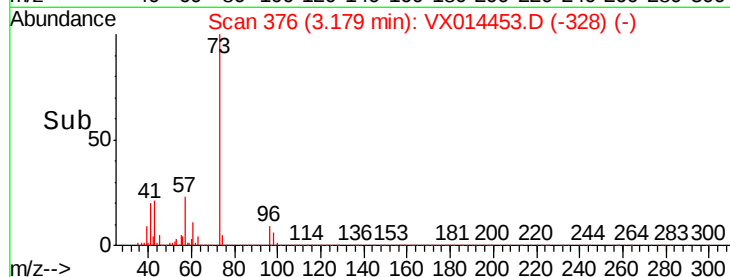
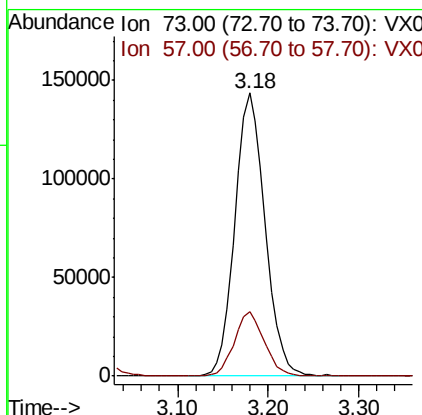
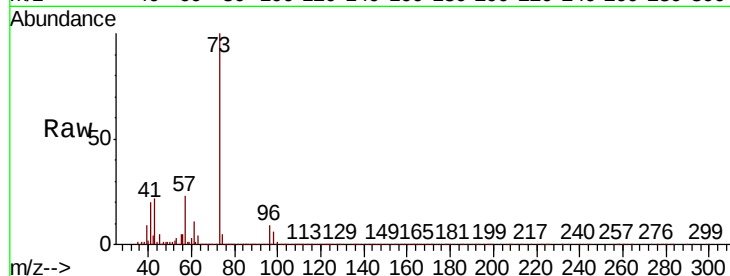


#19

Methyl tert-butyl Ether
 Concen: 17.941 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

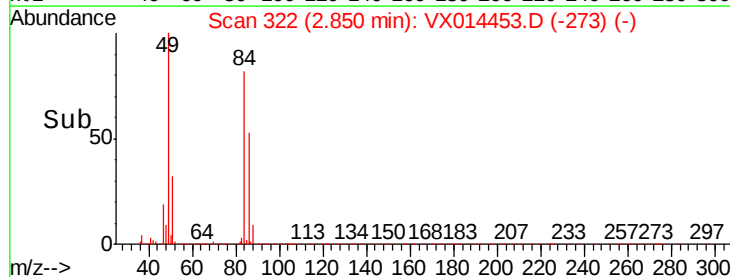
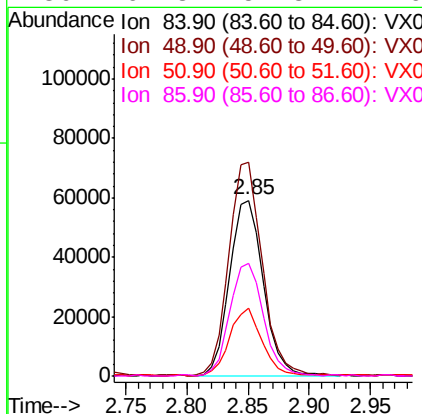
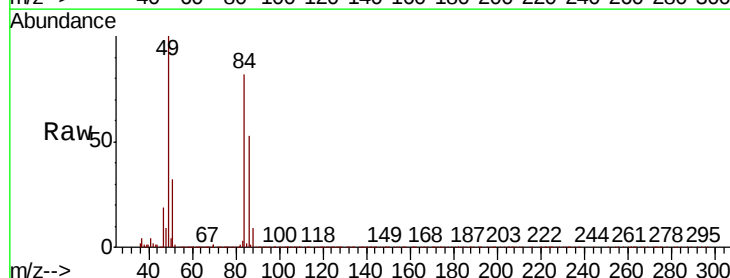
Tot Ion: 73 Resp: 330233
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.8 26.8

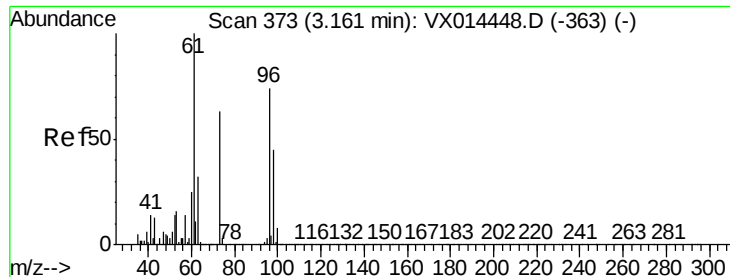


#20

Methylene Chloride
 Concen: 17.217 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Tgt Ion: 84 Resp: 112256
 Ion Ratio Lower Upper
 84 100
 49 121.7 95.8 143.8
 51 39.0 30.2 45.4
 86 64.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.545 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

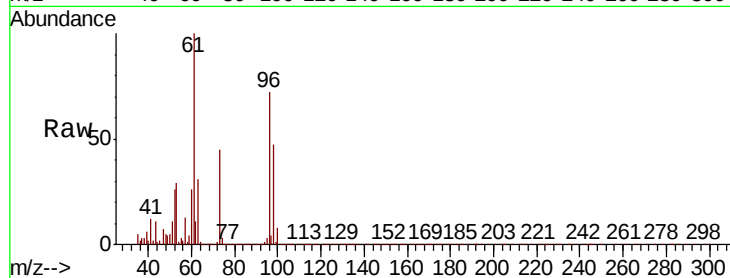
Tot Ion: 96 Resp: 109831

Ion Ratio Lower Upper

96 100

61 139.3 108.2 162.4

98 65.5 48.8 73.2

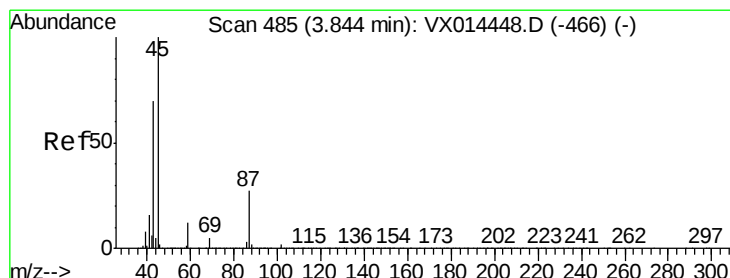
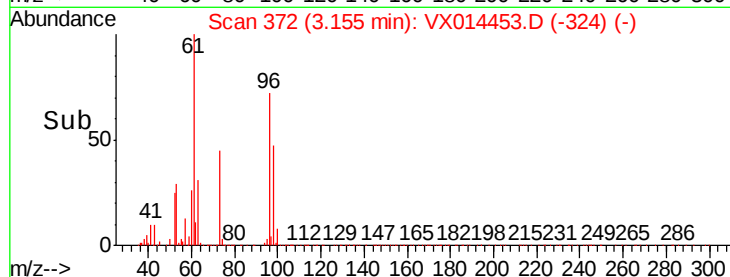
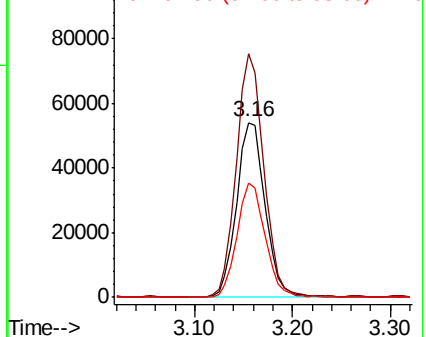


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.986 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Tgt Ion: 45 Resp: 349920

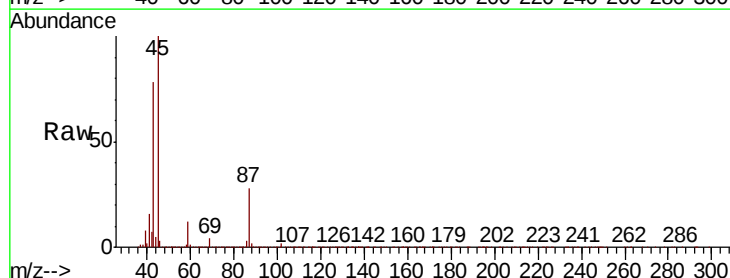
Ion Ratio Lower Upper

45 100

43 77.5 55.8 83.6

87 27.9 21.8 32.8

59 11.5 9.1 13.7



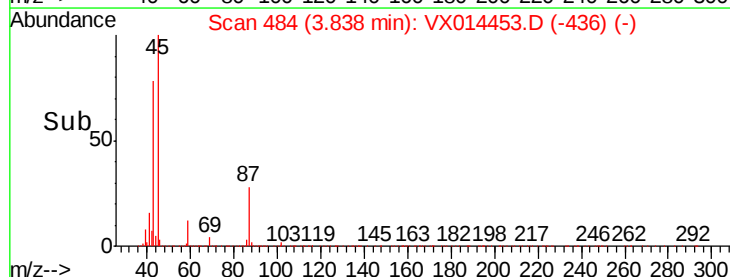
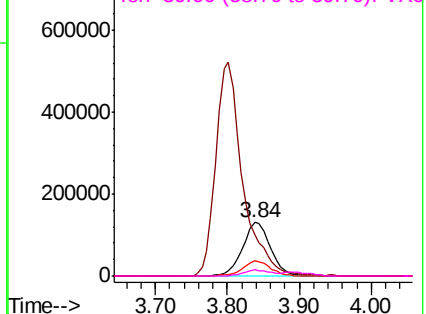
Abundance

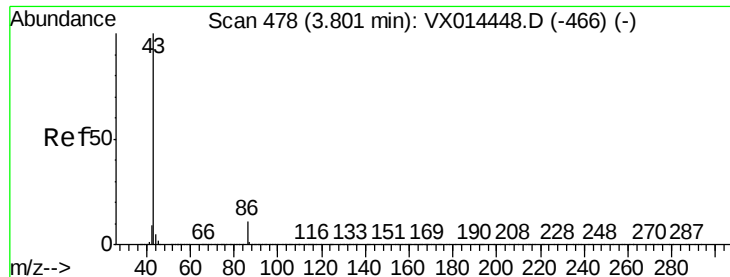
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.054 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

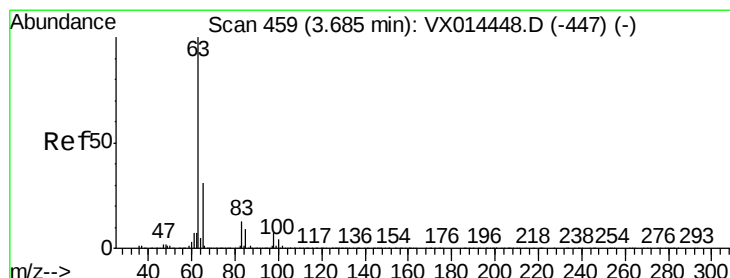
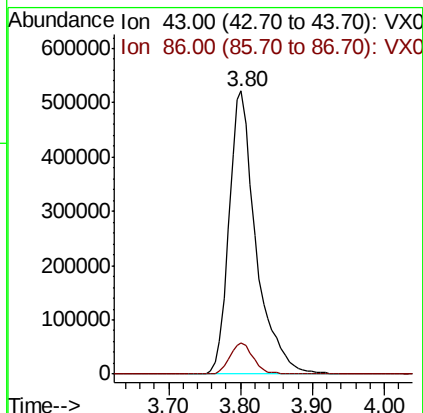
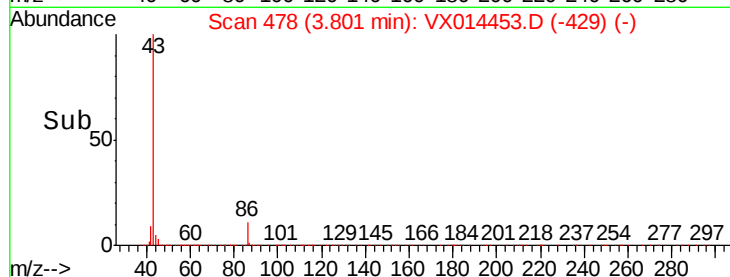
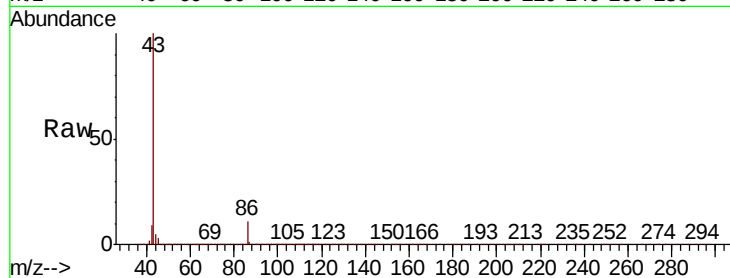
VX0107WBS01

Tot Ion: 43 Resp: 1356414

Ion Ratio Lower Upper

43 100

86 10.9 8.4 12.6



#24

1,1-Dichloroethane

Concen: 17.966 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

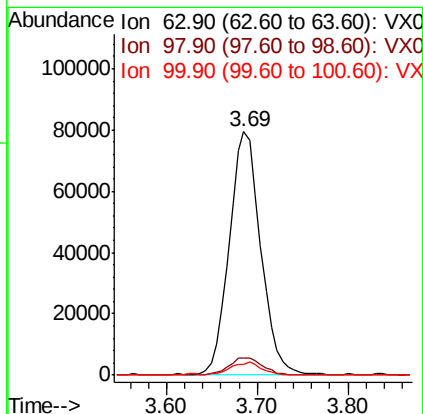
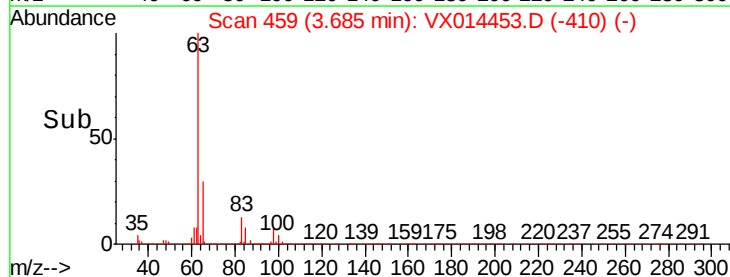
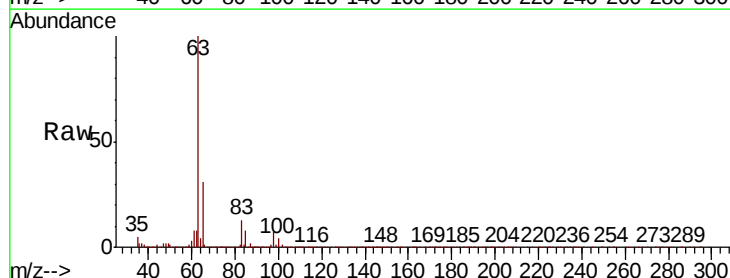
Tgt Ion: 63 Resp: 190144

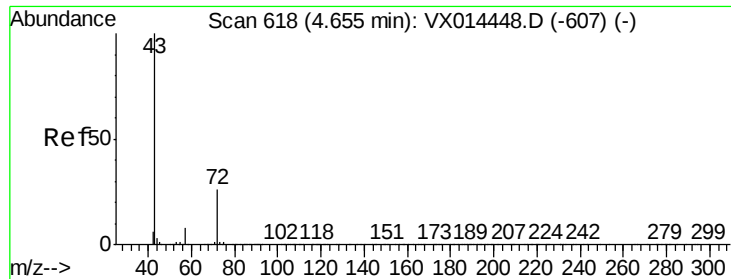
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.4 2.3 6.8

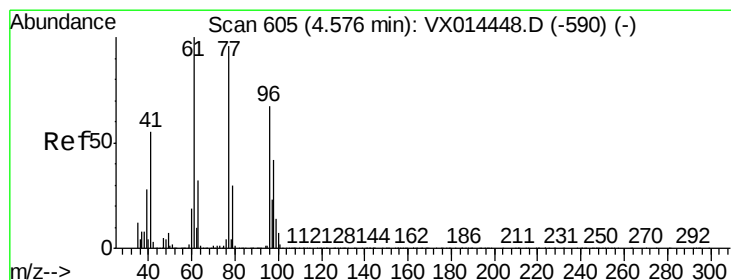
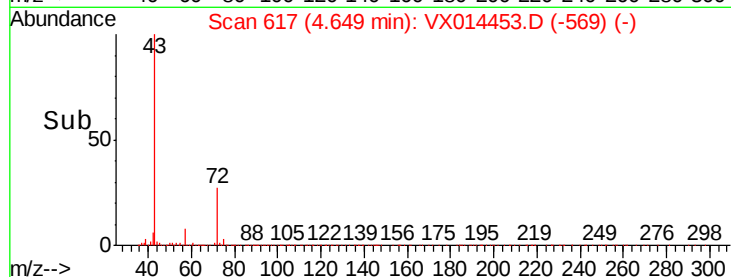
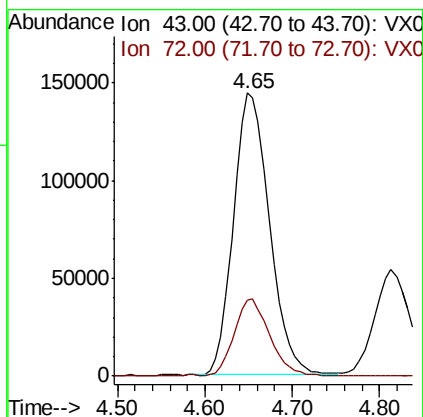
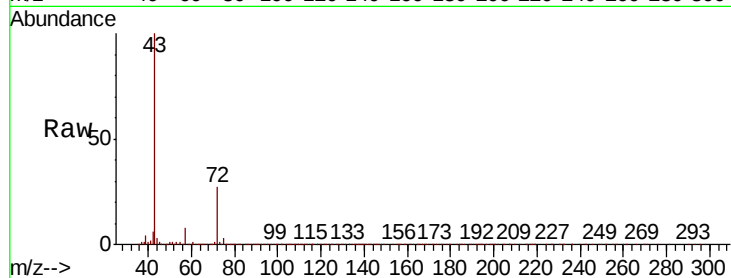




#25
2-Butanone
Concen: 85.421 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

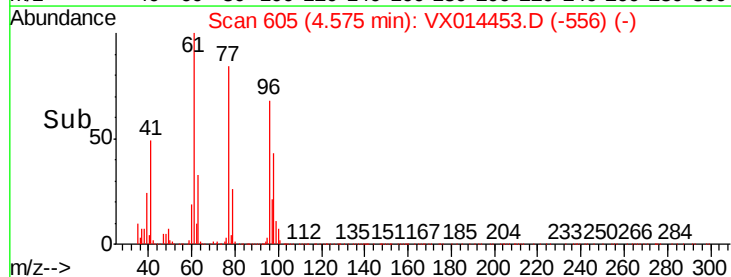
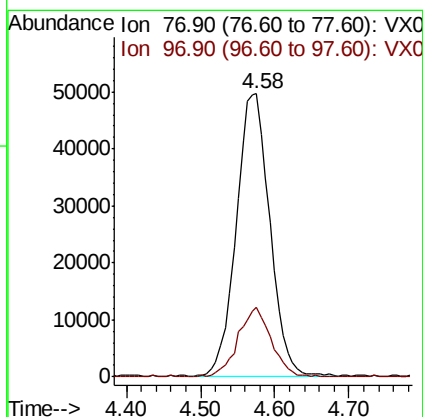
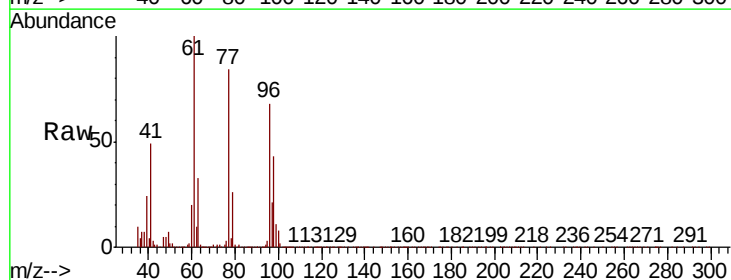
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

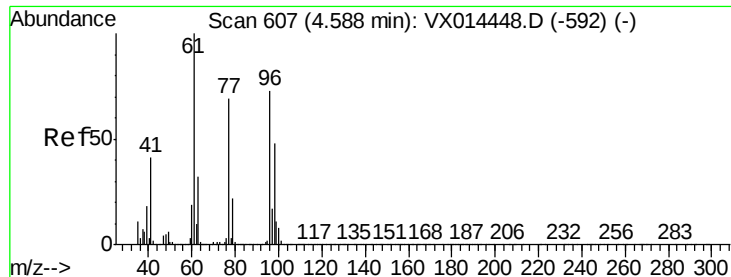
Tot Ion: 43 Resp: 413545
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 17.600 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 77 Resp: 157793
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1



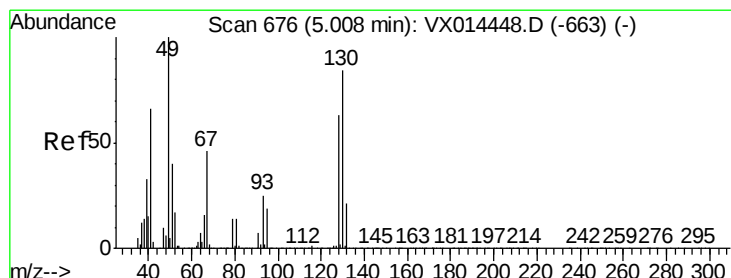
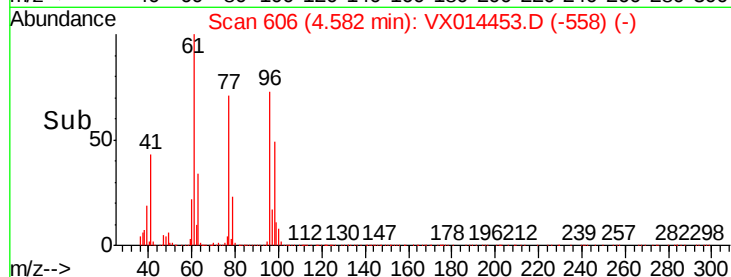
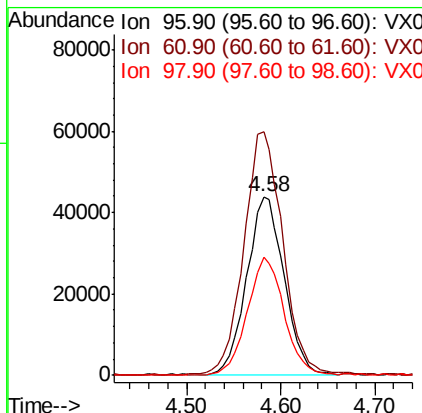
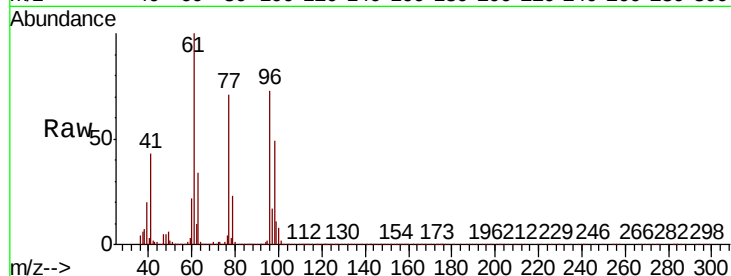


#27

cis-1,2-Dichloroethene
Concen: 17.397 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

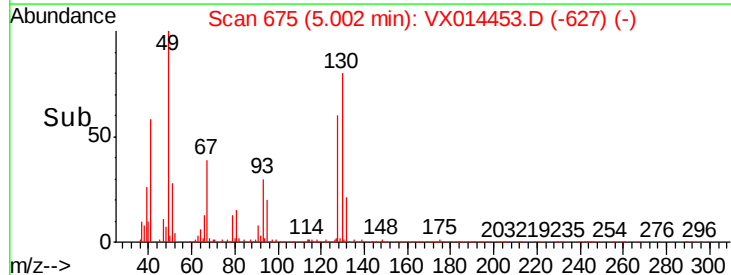
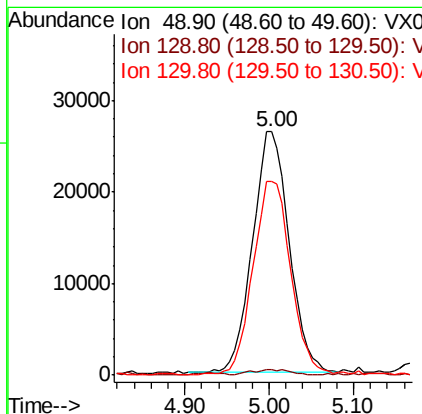
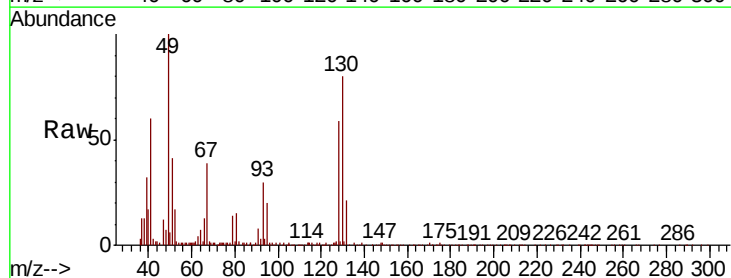
Tot Ion: 96 Resp: 121743
Ion Ratio Lower Upper
96 100
61 143.8 0.0 285.4
98 65.0 0.0 130.6



#28

Bromochloromethane
Concen: 17.573 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 49 Resp: 78369
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 82.3 67.0 100.4





#29

Tetrahydrofuran

Concen: 88.073 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

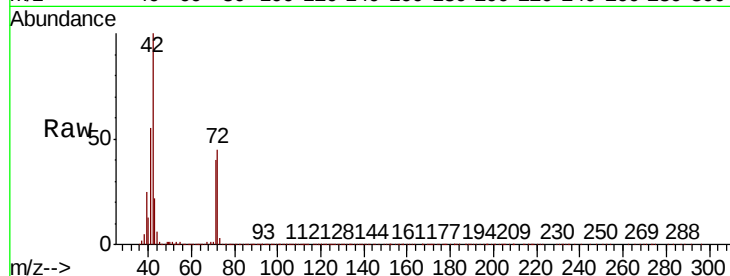
Tot Ion: 42 Resp: 252095

Ion Ratio Lower Upper

42 100

72 45.6 36.2 54.4

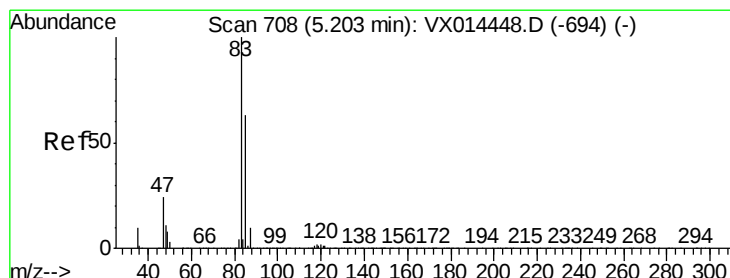
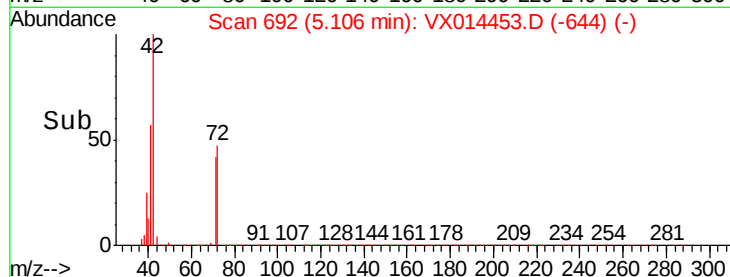
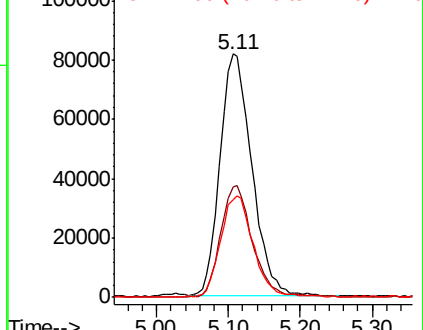
71 43.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.904 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014453.D

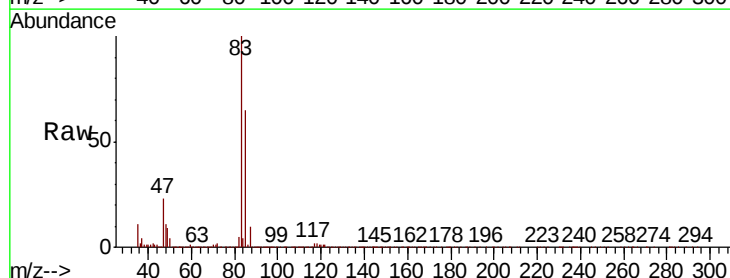
Acq: 07 Jan 2020 17:21

Tgt Ion: 83 Resp: 185157

Ion Ratio Lower Upper

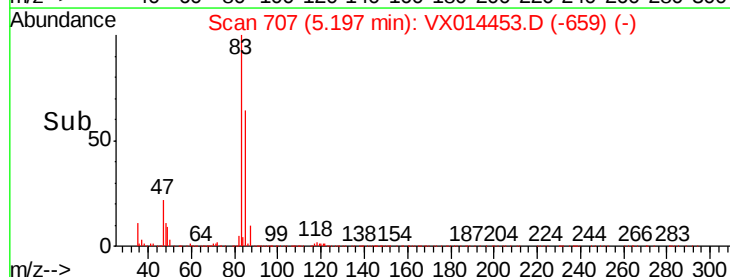
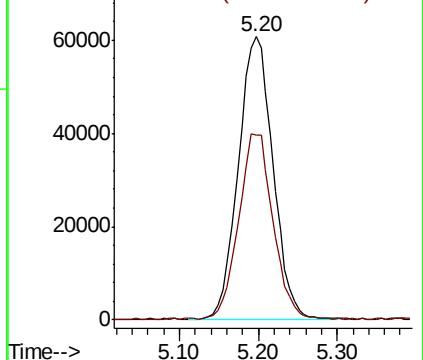
83 100

85 65.0 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.584 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

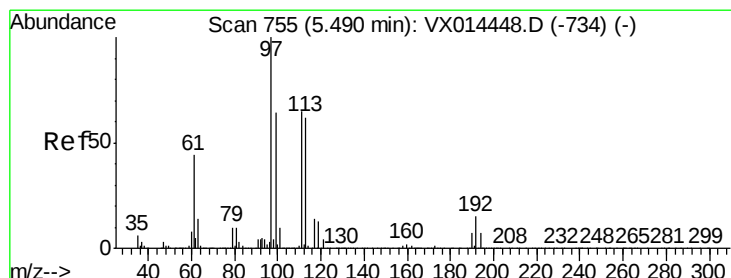
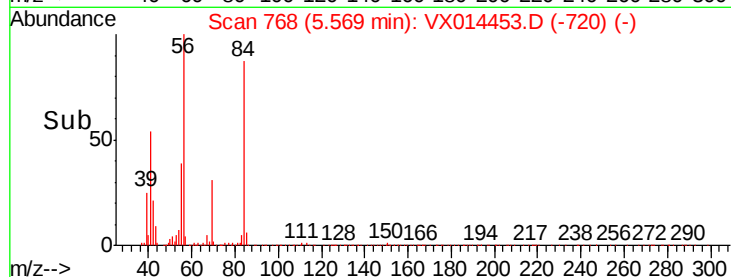
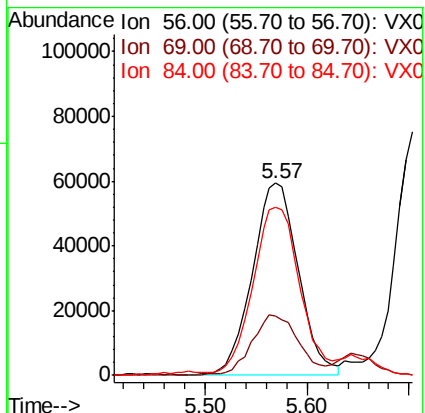
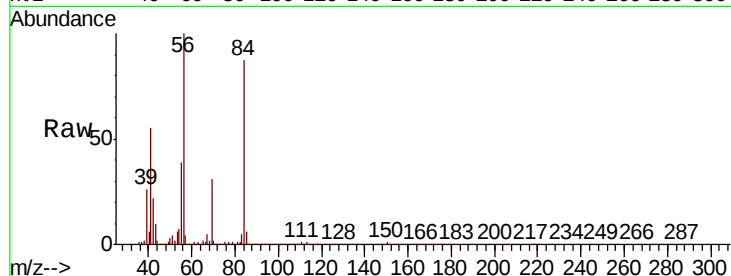
Tot Ion: 56 Resp: 184094

Ion Ratio Lower Upper

56 100

69 31.2 24.4 36.6

84 85.4 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 17.617 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

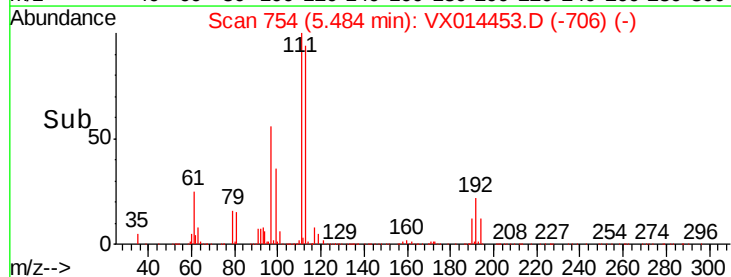
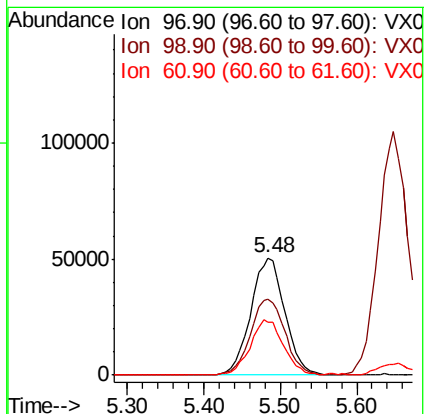
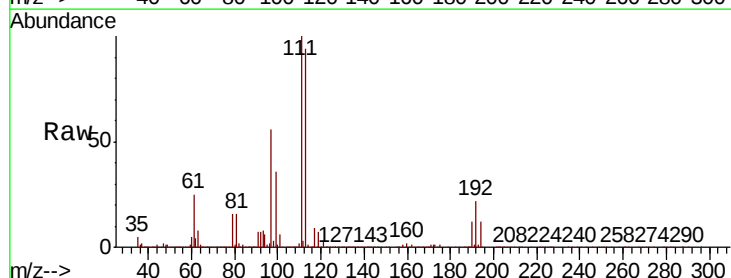
Tgt Ion: 97 Resp: 155950

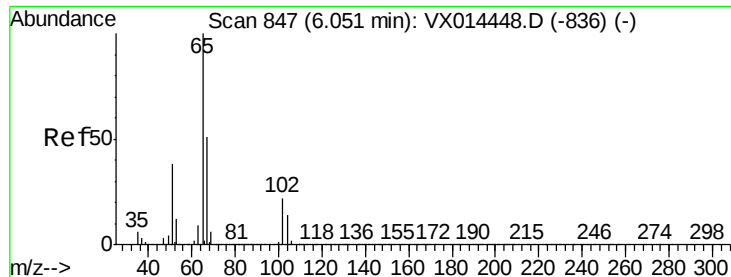
Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.6

61 45.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.486 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

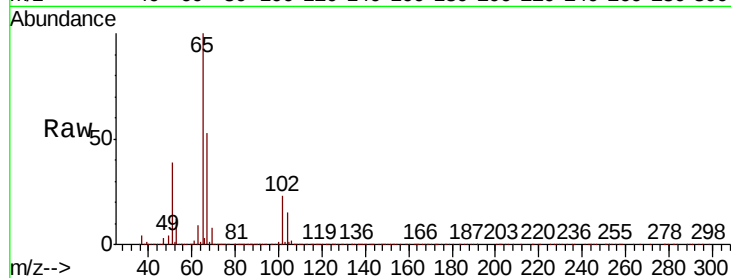
VX0107WBS01

Tot Ion: 65 Resp: 301279

Ion Ratio Lower Upper

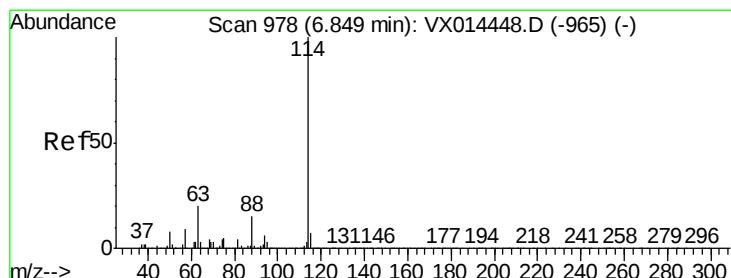
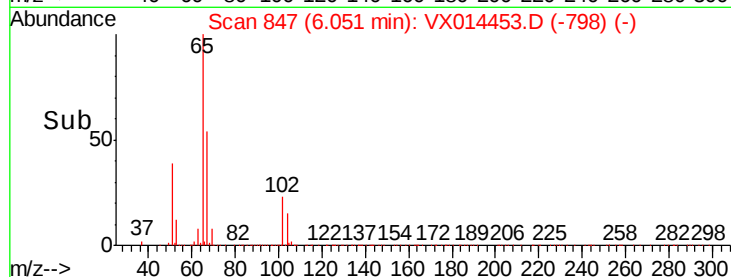
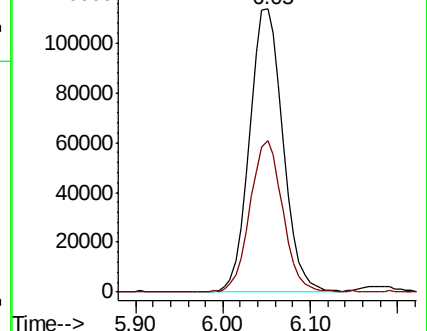
65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

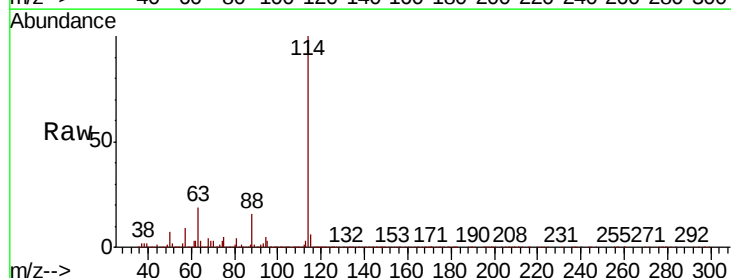
Tgt Ion: 114 Resp: 855221

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

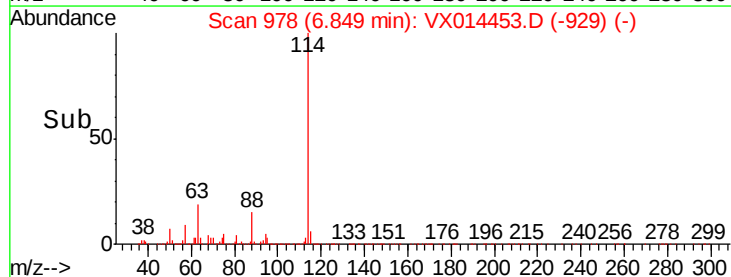
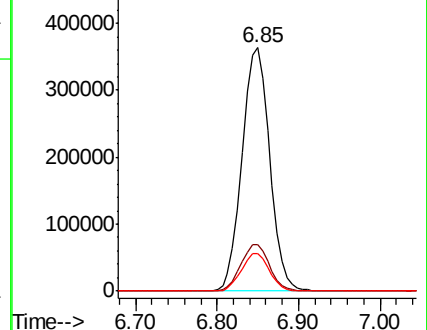
88 15.5 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

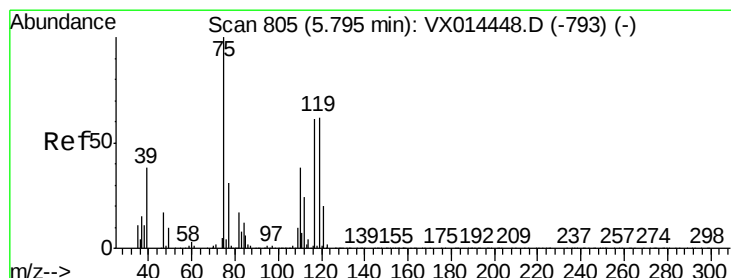
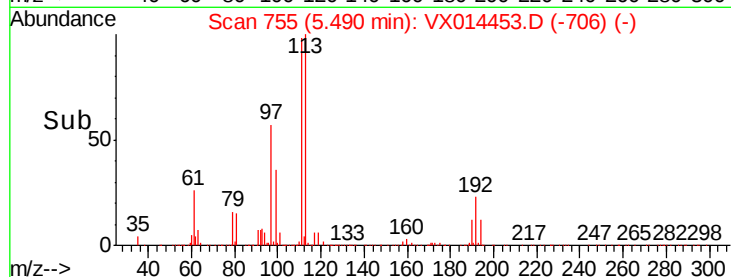
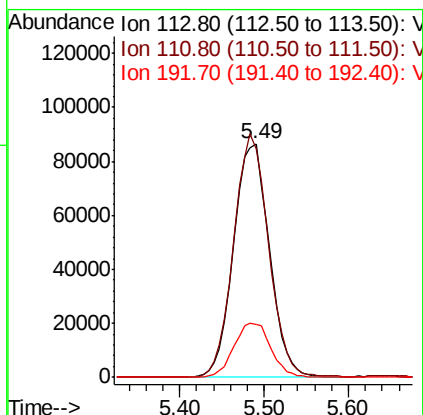
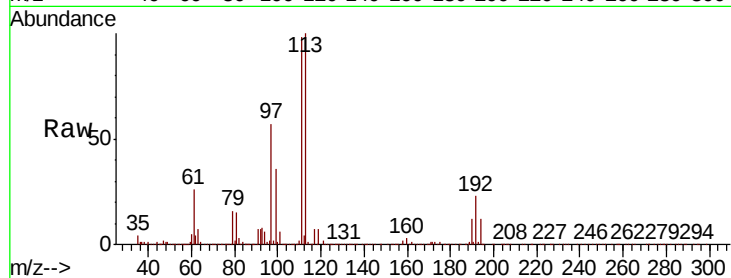




#35
 Dibromofluoromethane
 Concen: 48.083 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

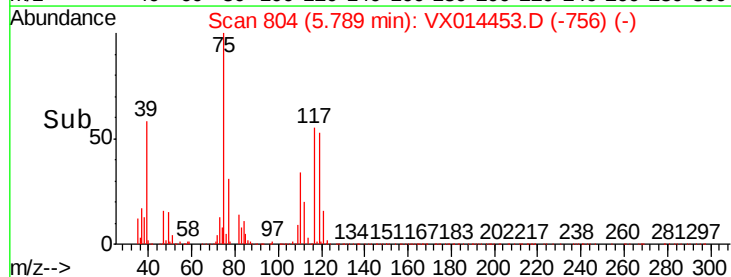
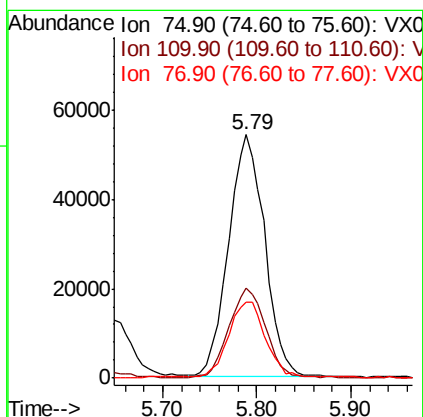
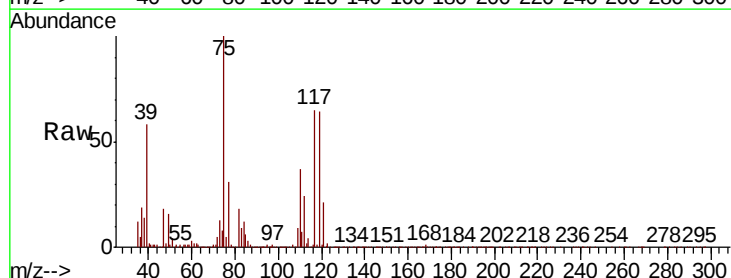
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

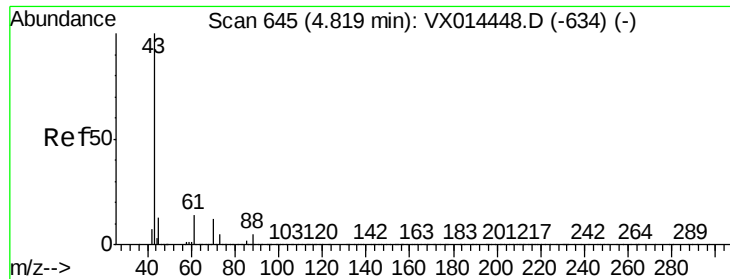
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	24.0	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 18.004 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.6	55.8
77	31.6	24.5	36.7

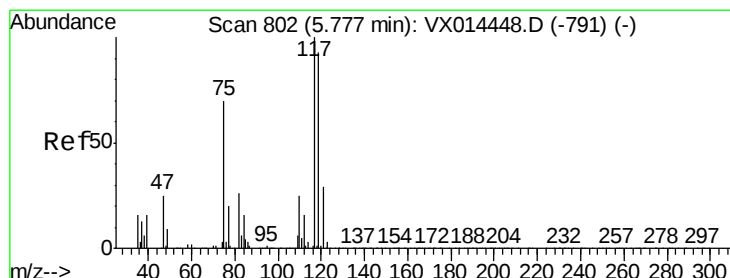
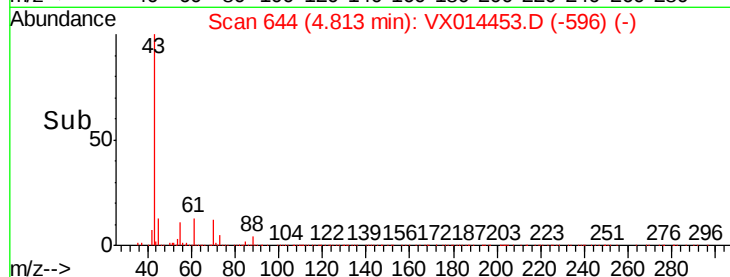
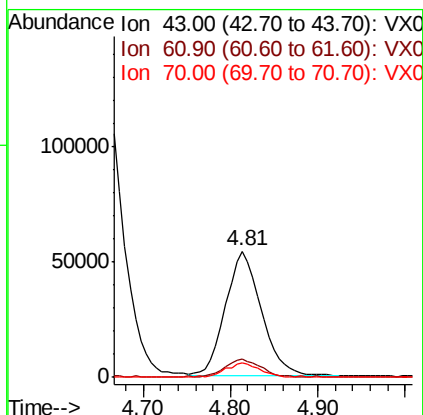
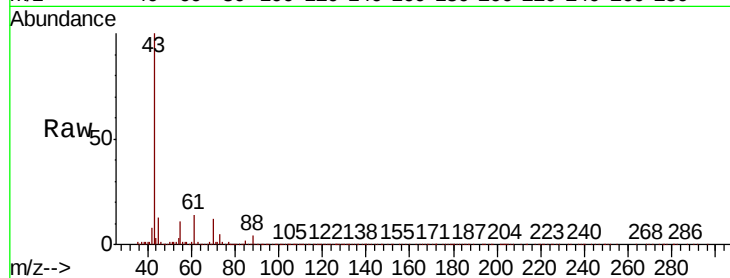




#37
Ethyl Acetate
Concen: 17.712 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

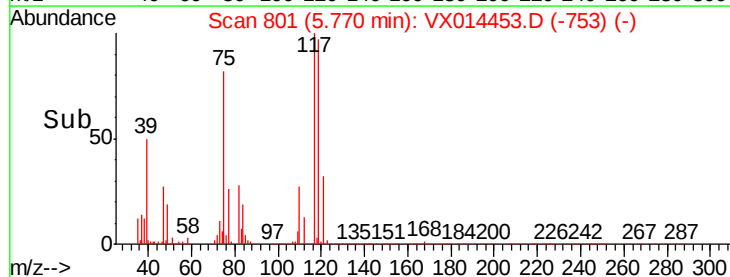
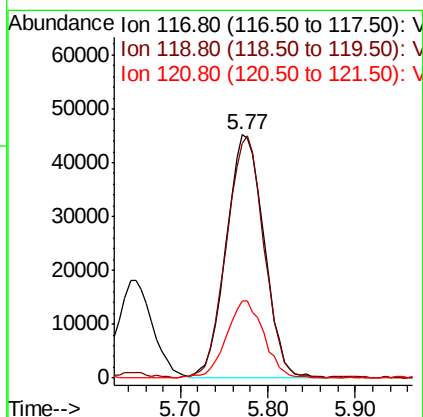
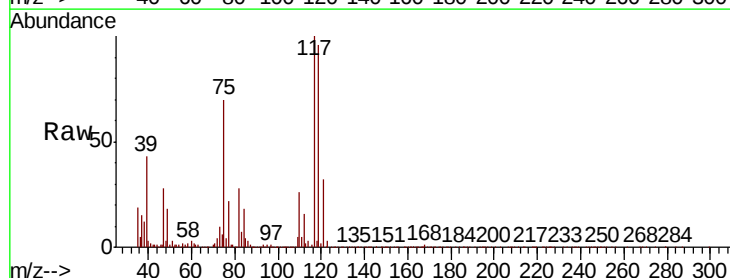
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

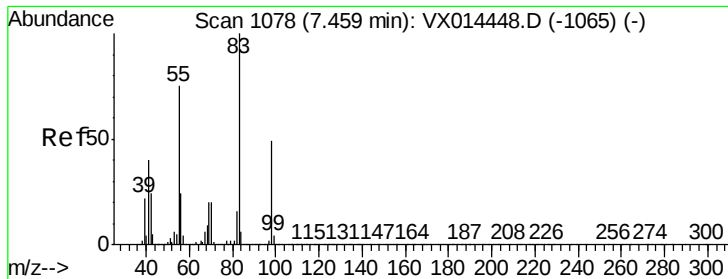
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.8	8.9	13.3



#38
Carbon Tetrachloride
Concen: 18.248 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.8	110.8
121	31.7	23.4	35.0

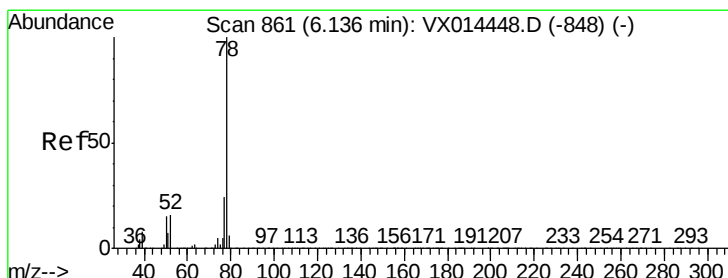
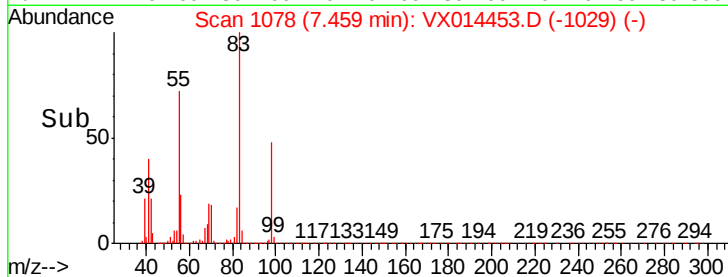
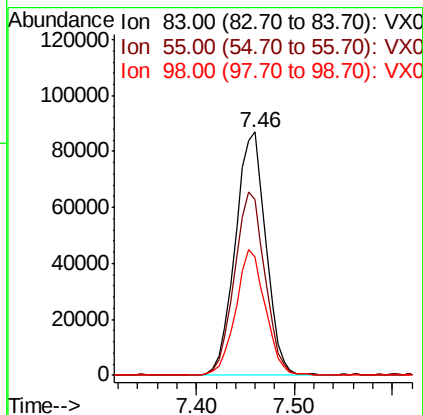
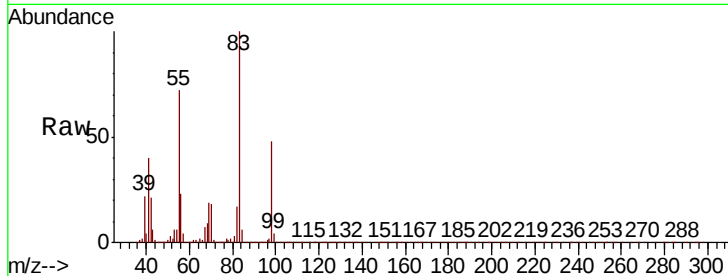




#39
Methvlcvclohexane
Concen: 18.542 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

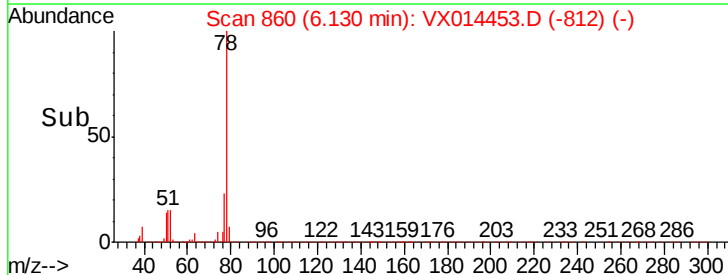
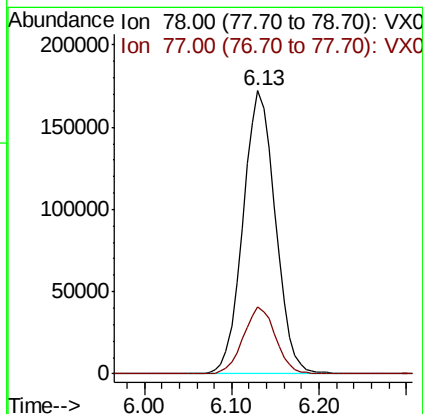
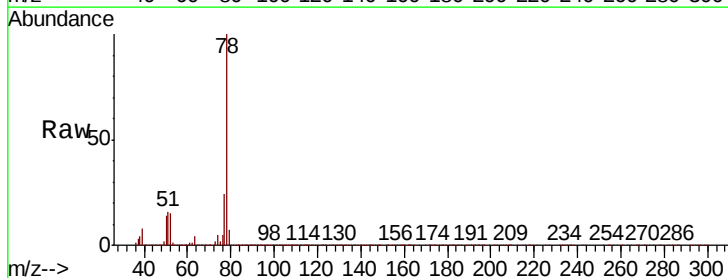
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

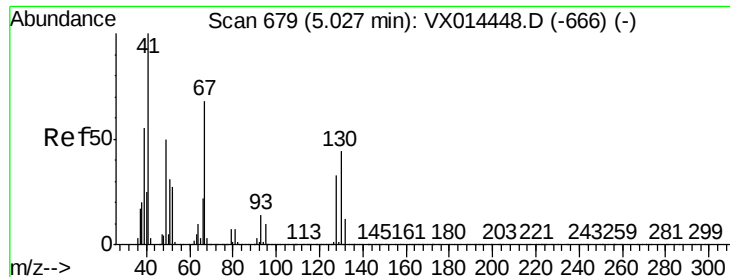
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	59.7	89.5
98	48.2	39.1	58.7



#40
Benzene
Concen: 18.567 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3

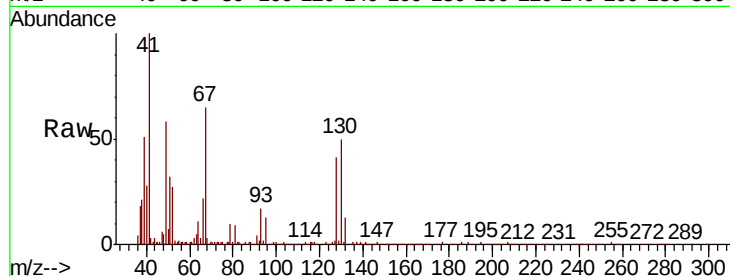




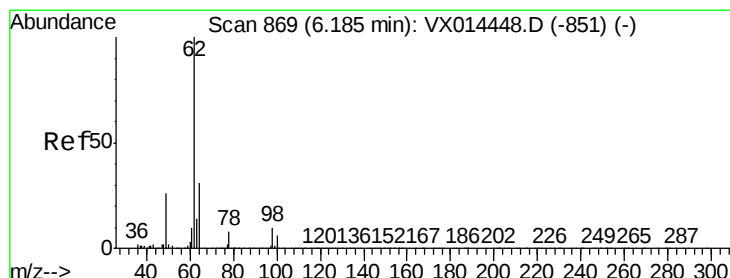
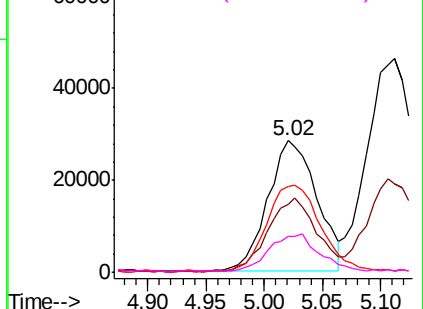
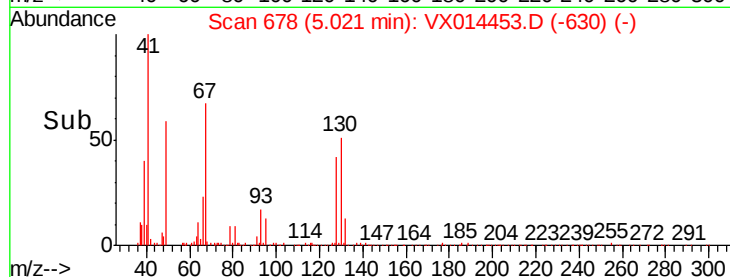
#41
Methacrylonitrile
Concen: 17.881 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

Tot Ion:	41	Resp:	83303
Ion	Ratio	Lower	Upper
41	100		
39	57.0	43.6	65.4
67	73.4	57.9	86.9
52	28.6	23.0	34.6

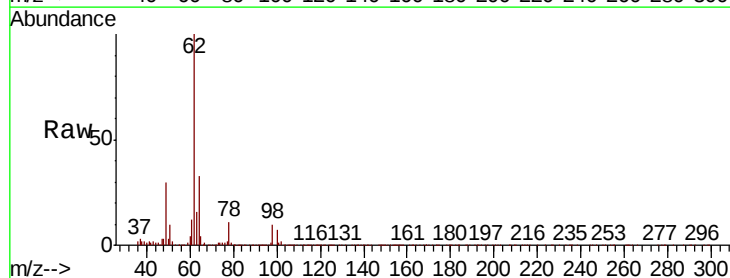


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

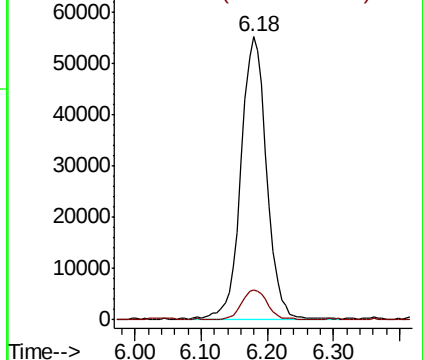
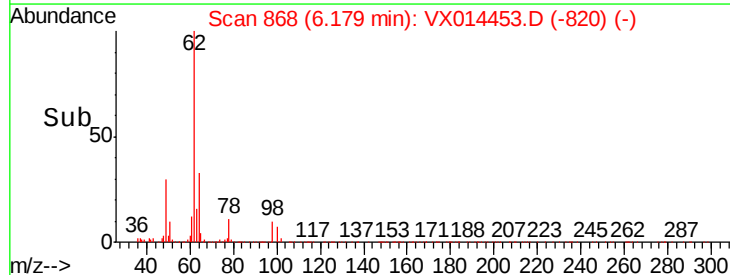


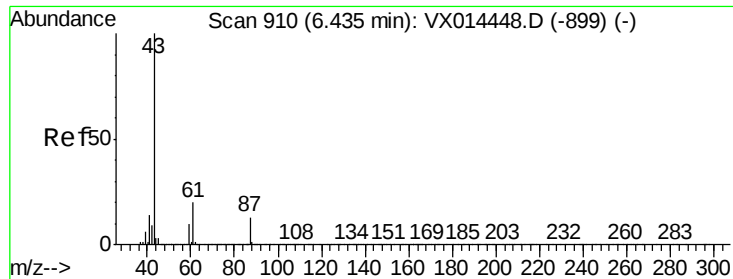
#42
1,2-Dichloroethane
Concen: 17.714 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion:	62	Resp:	147839
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.4



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



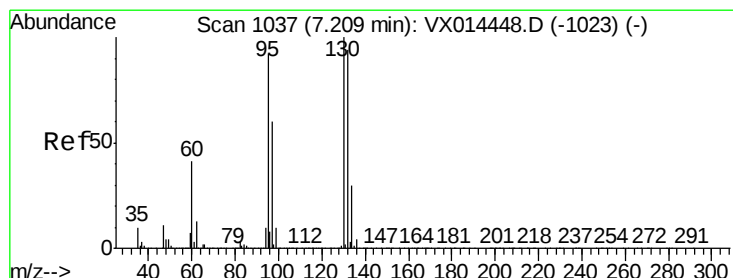
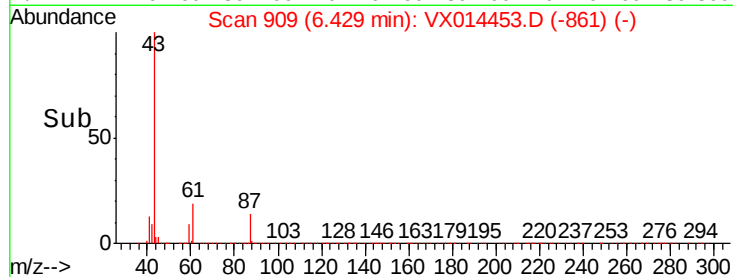
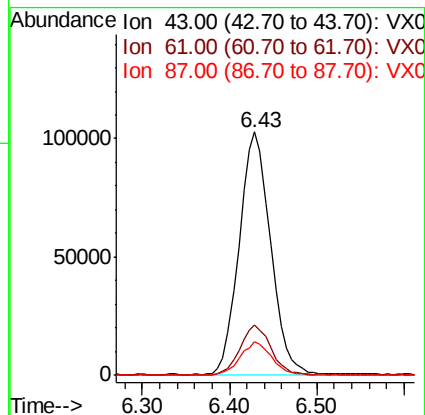
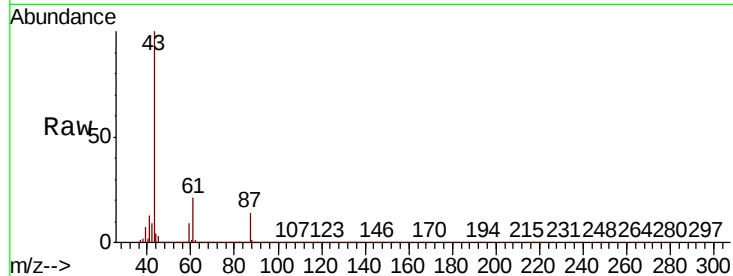


#43

Isopropyl Acetate
 Concen: 18.188 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX0107WBS01

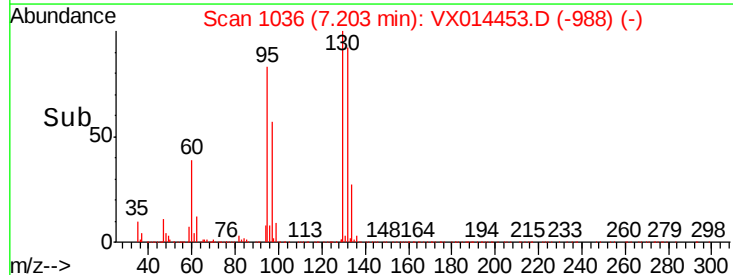
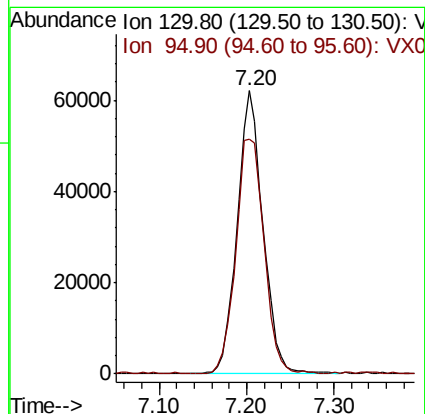
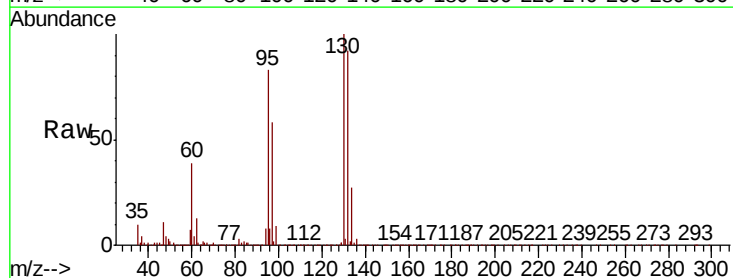
Tot Ion: 43 Resp: 256670
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.6 24.8
 87 13.6 10.8 16.2

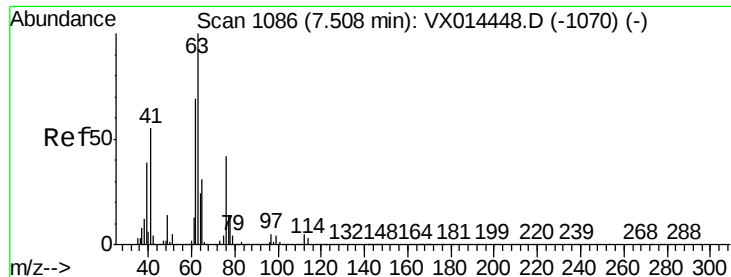


#44

Trichloroethene
 Concen: 18.538 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Tgt Ion: 130 Resp: 127168
 Ion Ratio Lower Upper
 130 100
 95 82.7 0.0 184.2

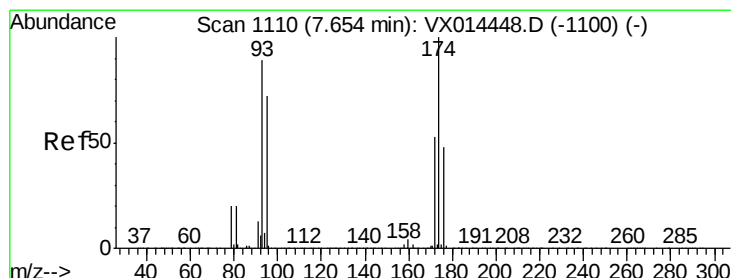
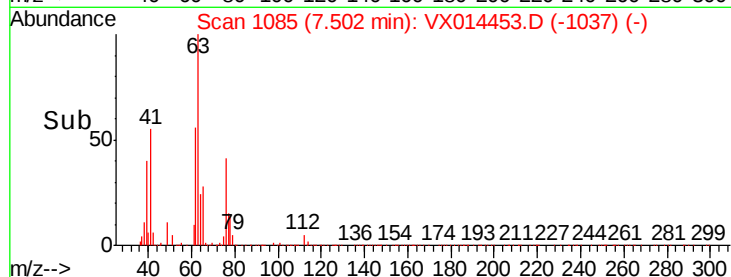
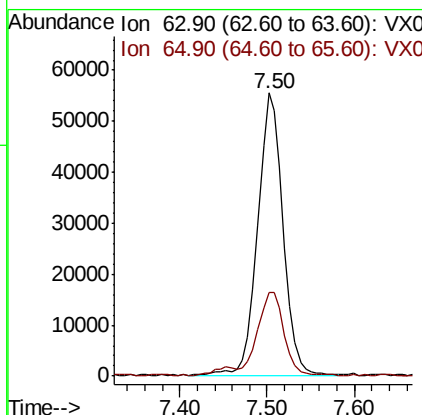
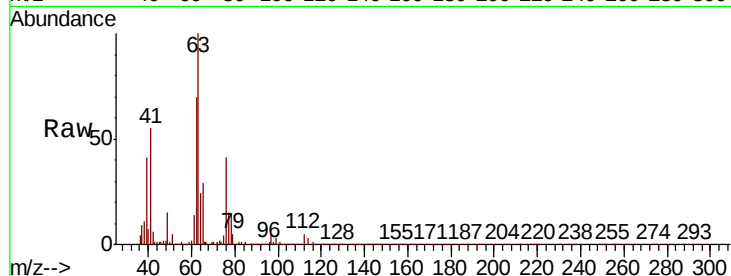




#45
 1,2-Dichloropropane
 Concen: 18.376 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

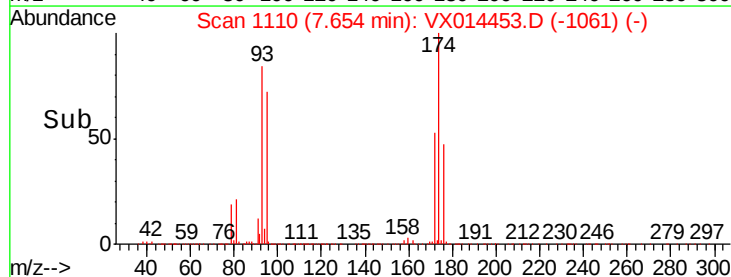
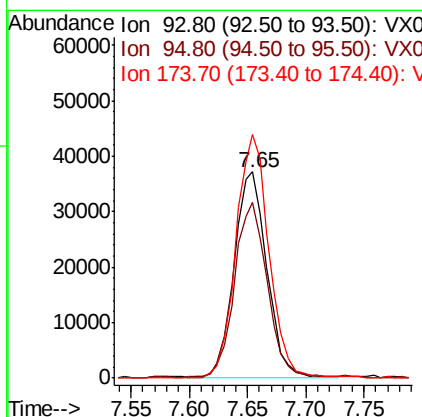
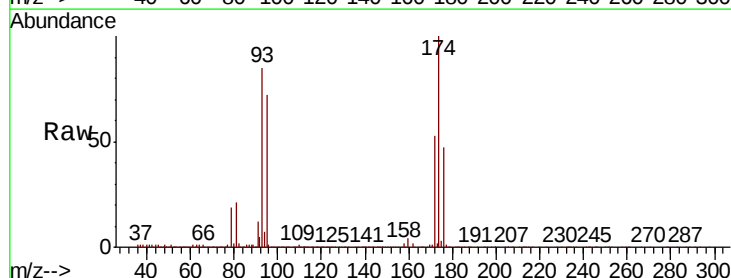
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

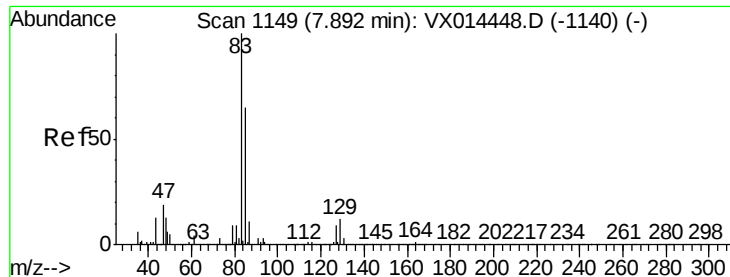
Tot Ion: 63 Resp: 111830
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.8 37.2



#46
 Dibromomethane
 Concen: 17.117 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Tgt Ion: 93 Resp: 72704
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.4 98.2
 174 119.8 93.0 139.4





#47

Bromodichloromethane

Concen: 18.405 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

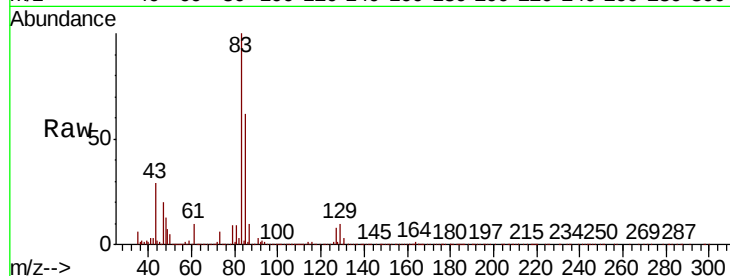
Tot Ion: 83 Resp: 142252

Ion Ratio Lower Upper

83 100

85 61.8 51.7 77.5

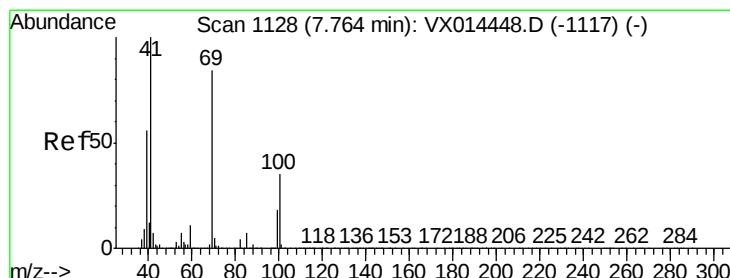
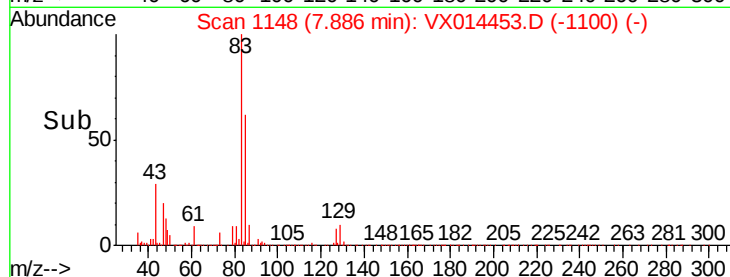
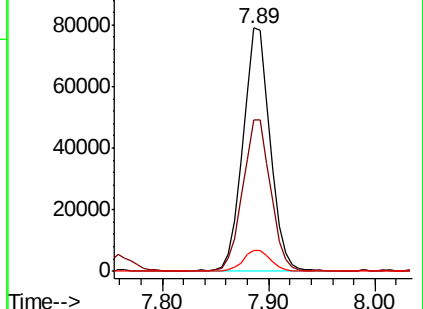
127 8.2 7.1 10.7



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: 18.263 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

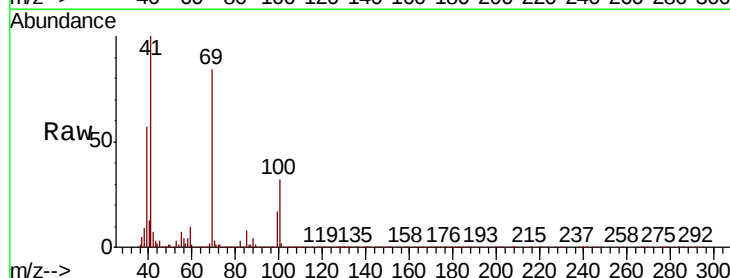
Tgt Ion: 41 Resp: 123440

Ion Ratio Lower Upper

41 100

69 82.4 65.5 98.3

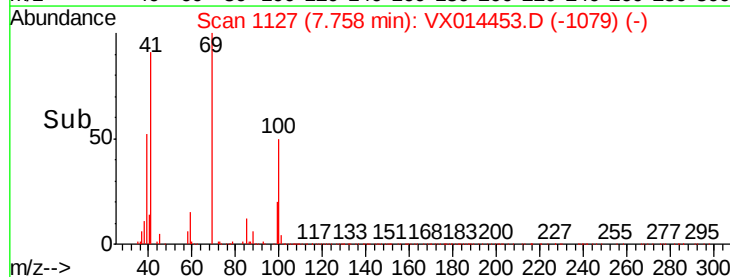
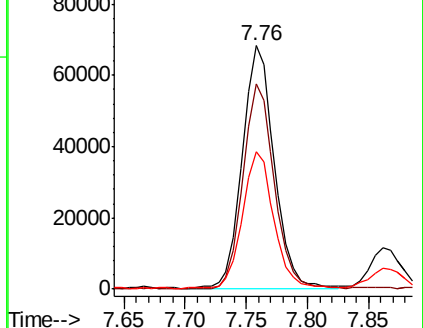
39 56.9 43.9 65.9

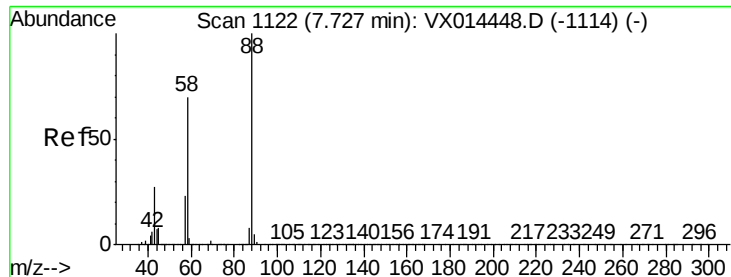


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

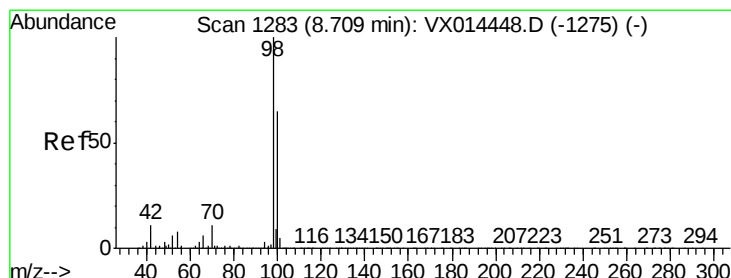
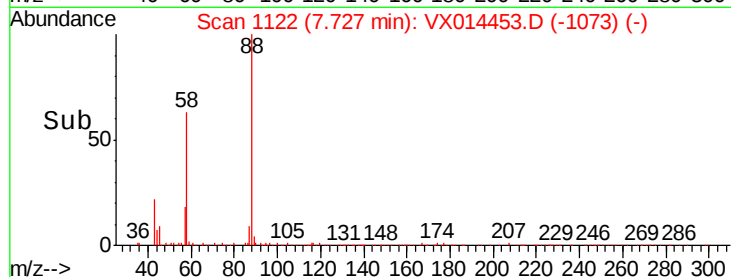
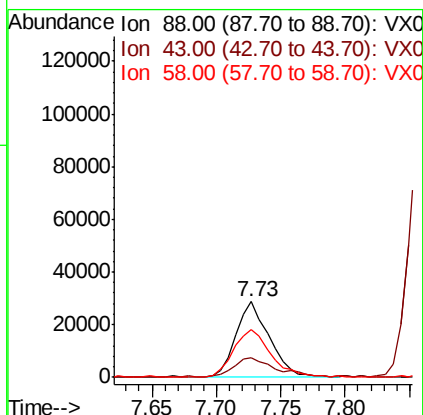
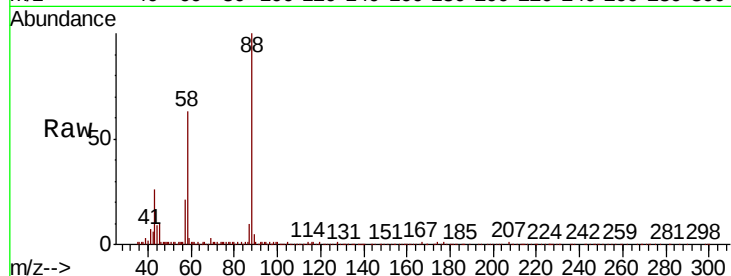




#49
1,4-Dioxane
Concen: 359.470 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

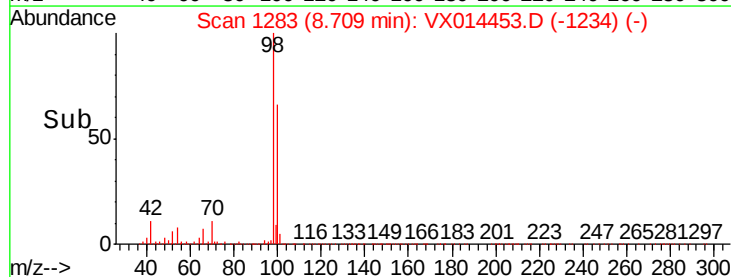
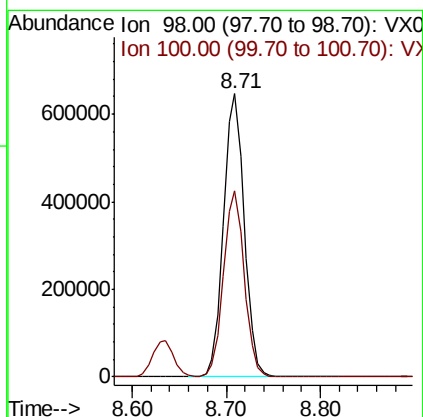
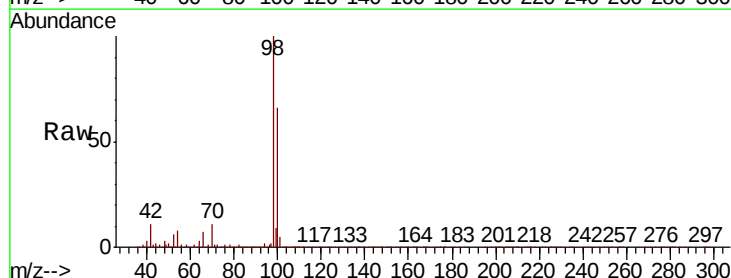
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

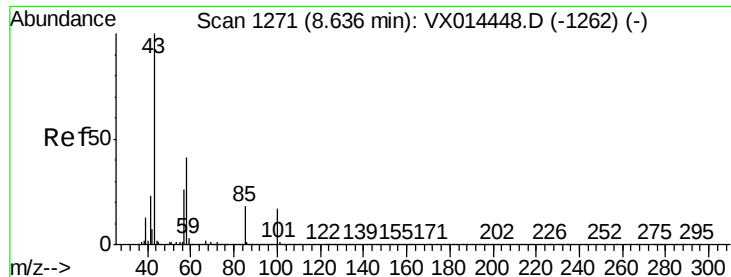
Tot Ion: 88 Resp: 51482
Ion Ratio Lower Upper
88 100
43 35.0 27.4 41.0
58 69.6 57.1 85.7



#50
Toluene-d8
Concen: 49.047 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 98 Resp: 985368
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 90.759 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampled :

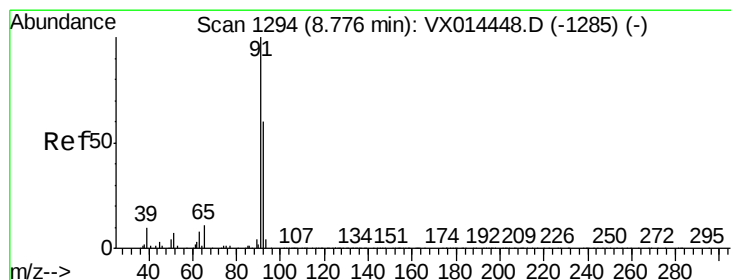
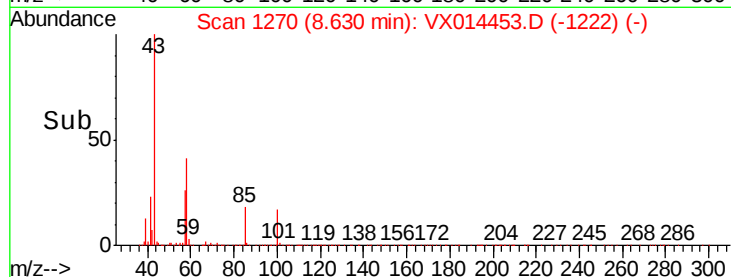
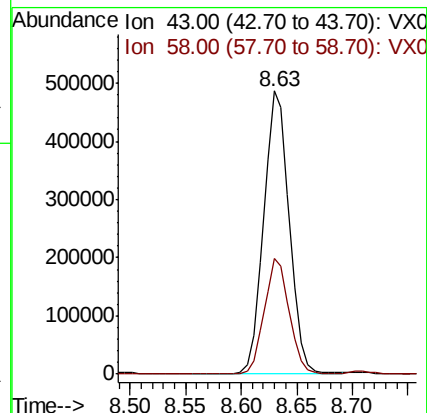
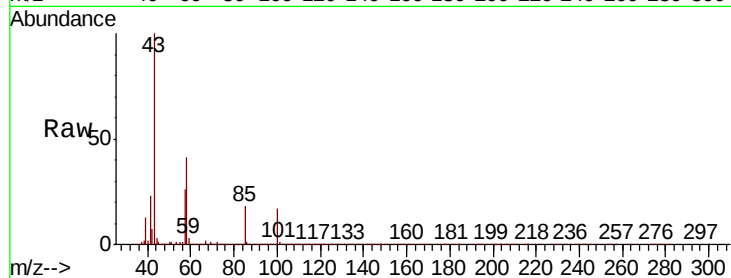
VX0107WBS01

Tot Ion: 43 Resp: 780488

Ion Ratio Lower Upper

43 100

58 39.8 32.4 48.6



#52

Toluene

Concen: 18.311 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014453.D

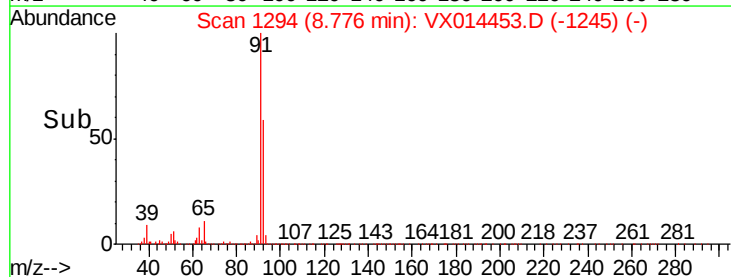
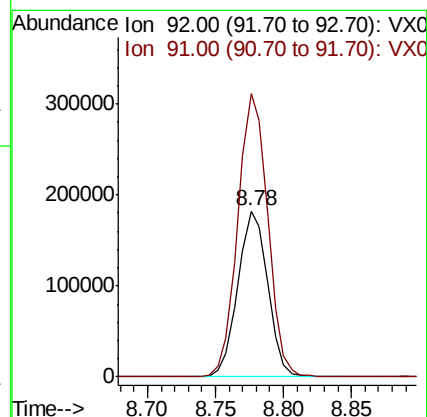
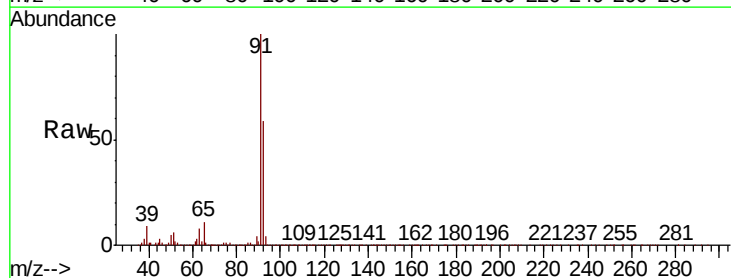
Acq: 07 Jan 2020 17:21

Tgt Ion: 92 Resp: 279797

Ion Ratio Lower Upper

92 100

91 170.5 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 17.851 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampled :

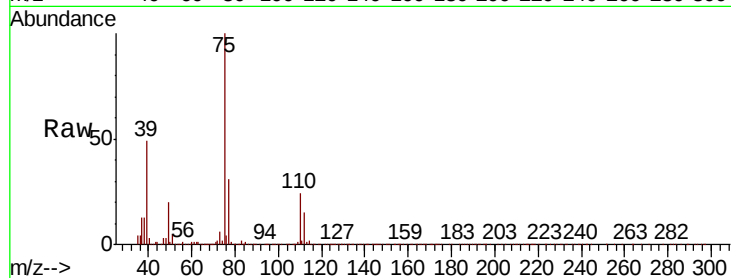
VX0107WBS01

Tot Ion: 75 Resp: 160623

Ion Ratio Lower Upper

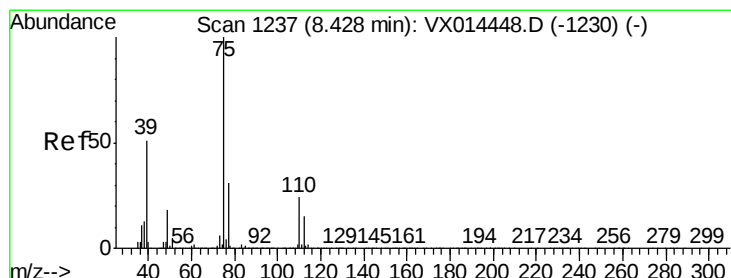
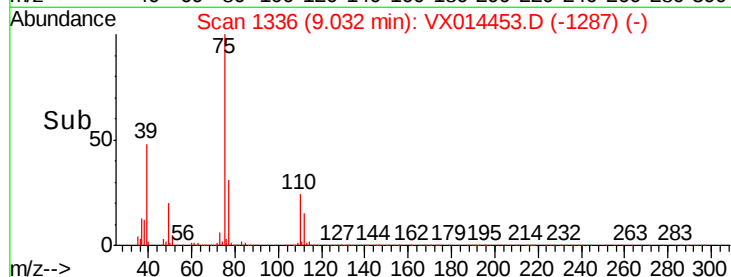
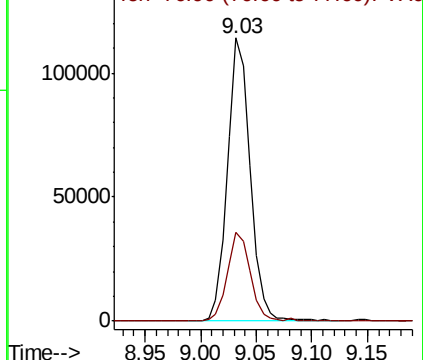
75 100

77 31.0 25.4 38.2



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: 18.490 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

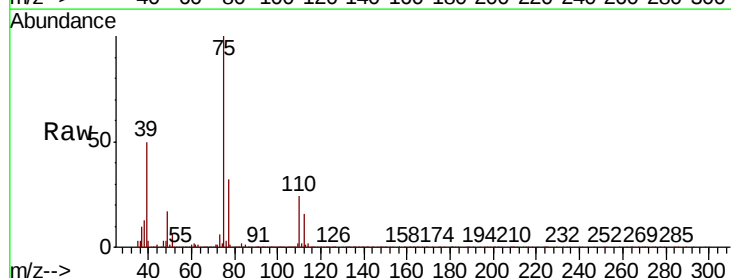
Tgt Ion: 75 Resp: 179726

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

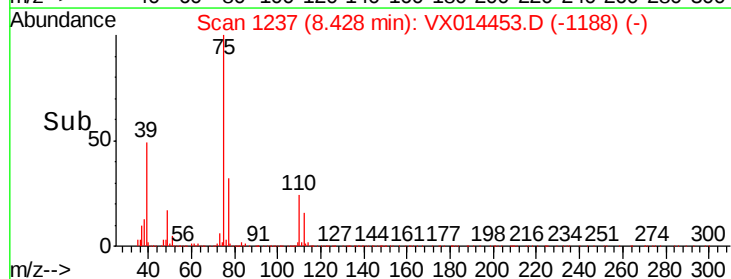
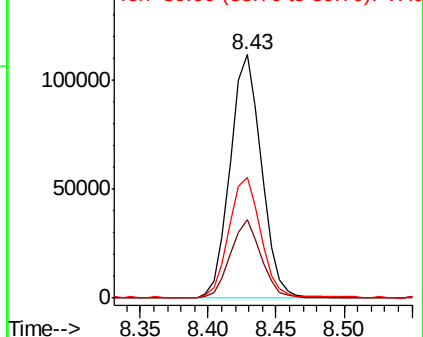
39 49.4 40.7 61.1



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: 18.011 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

Tot Ion: 97 Resp: 110542

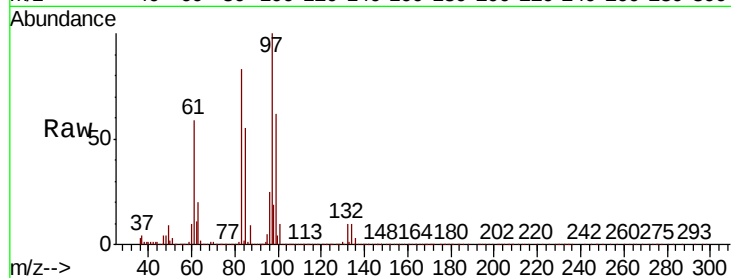
Ion Ratio Lower Upper

97 100

83 82.8 66.4 99.6

85 54.8 43.4 65.2

99 61.7 49.6 74.4



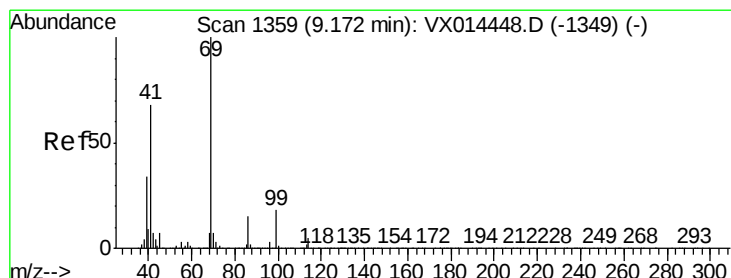
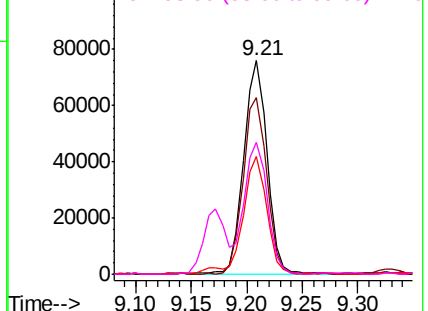
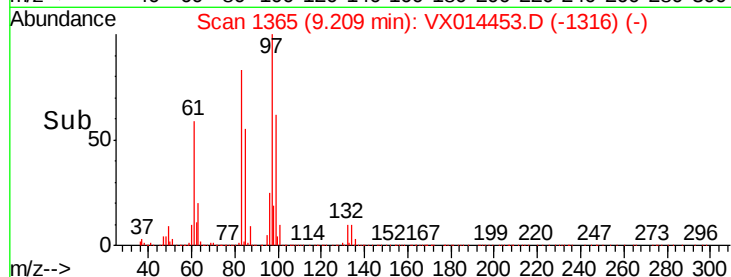
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.113 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

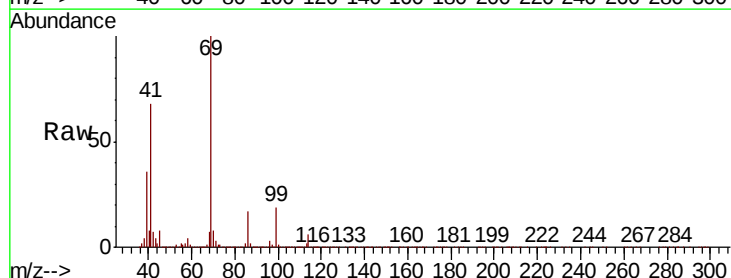
Tgt Ion: 69 Resp: 170319

Ion Ratio Lower Upper

69 100

41 69.3 54.2 81.2

39 36.5 28.2 42.2

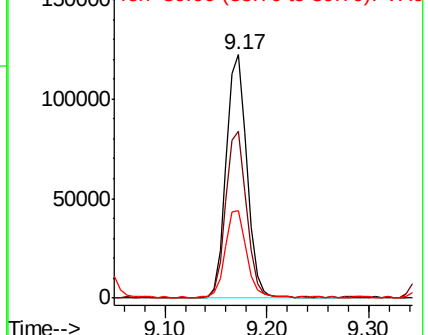
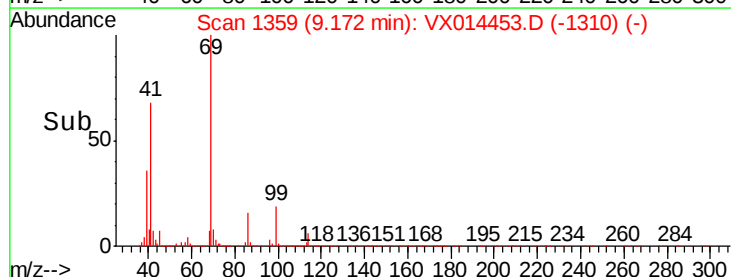


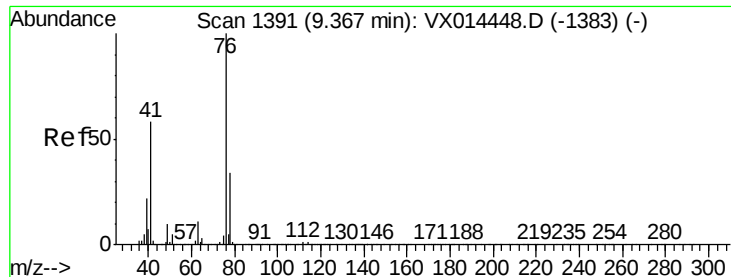
Abundance

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: 18.040 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

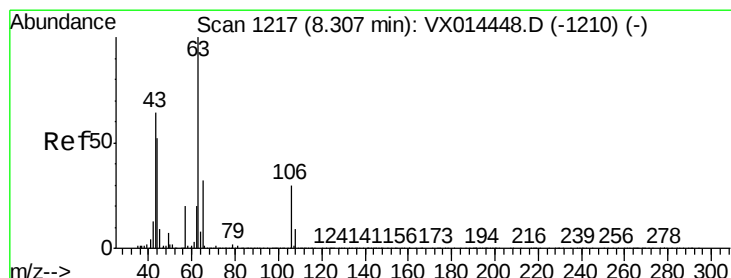
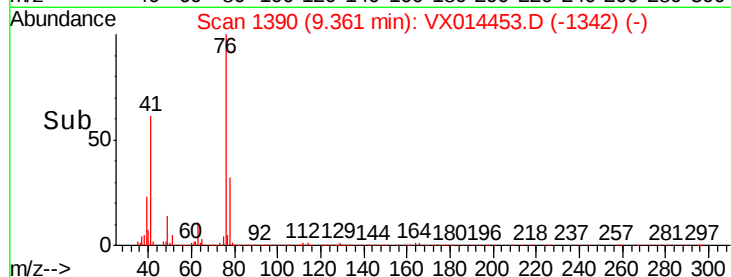
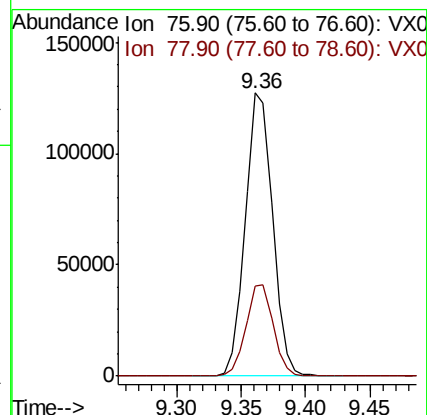
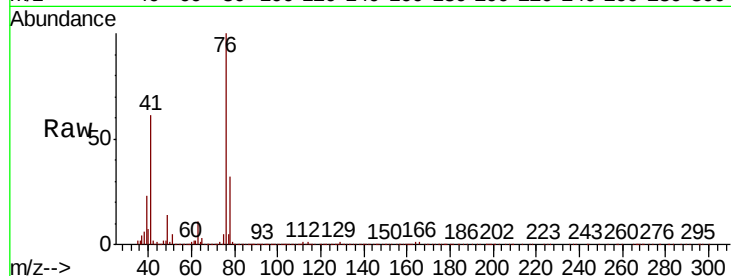
VX0107WBS01

Tot Ion: 76 Resp: 185123

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.512 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014453.D

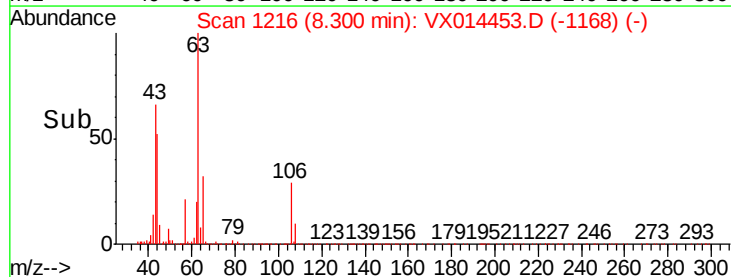
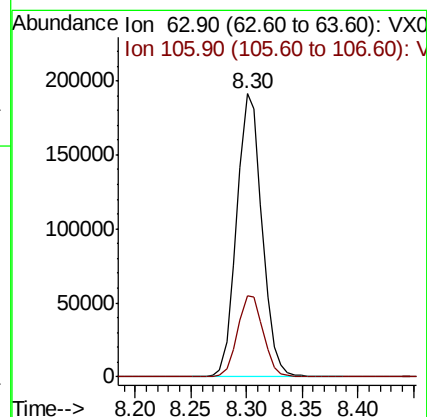
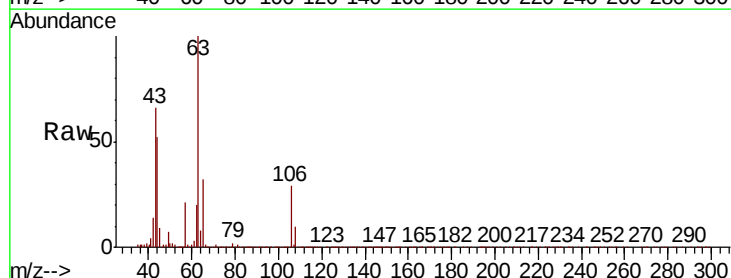
Acq: 07 Jan 2020 17:21

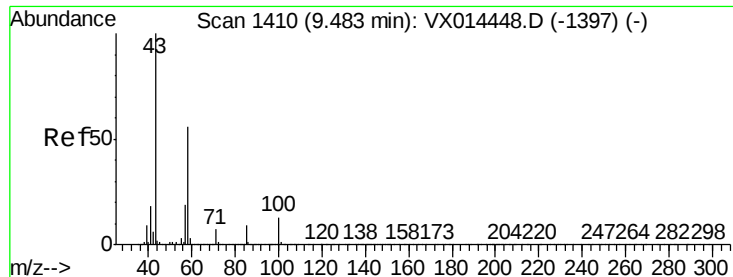
Tgt Ion: 63 Resp: 302365

Ion Ratio Lower Upper

63 100

106 29.2 23.6 35.4

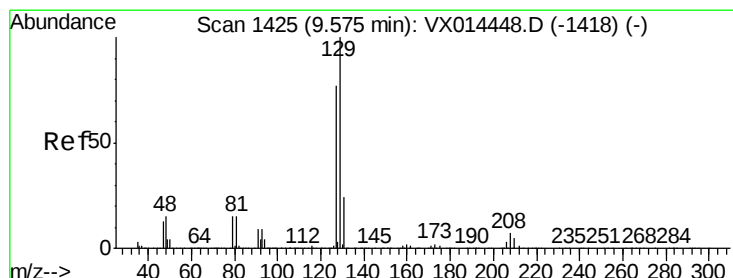
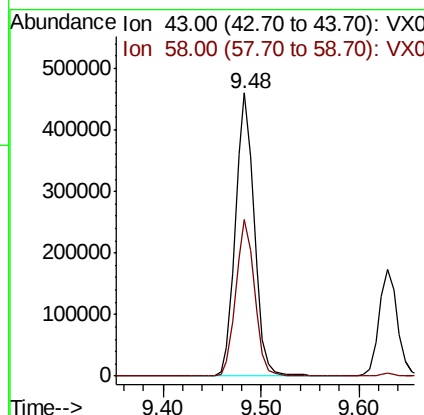
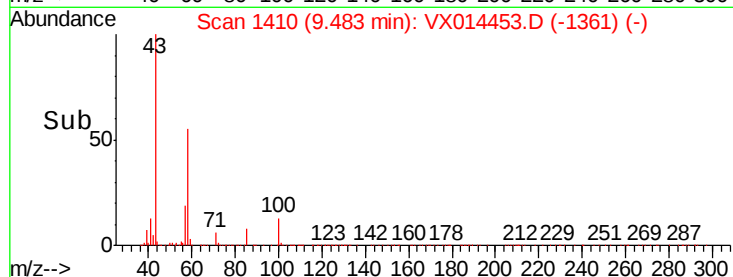
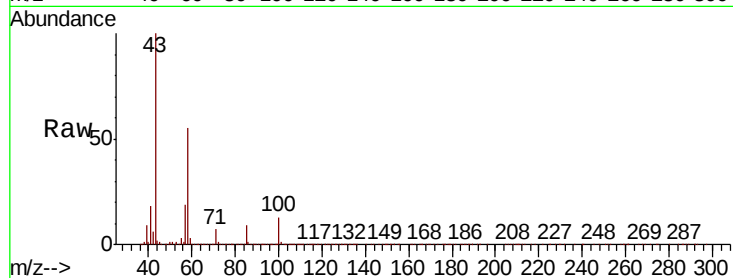




#59
2-Hexanone
Concen: 89.814 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

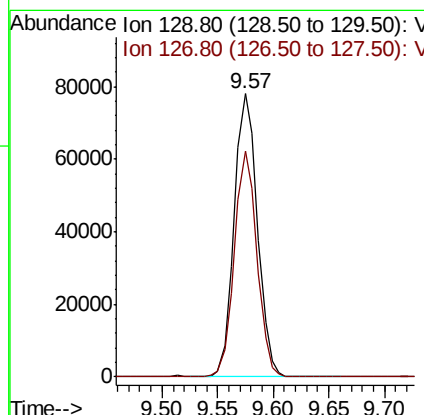
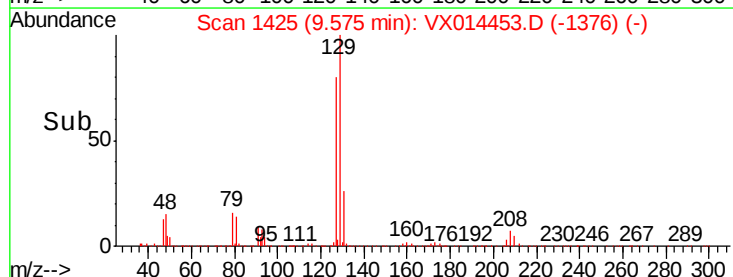
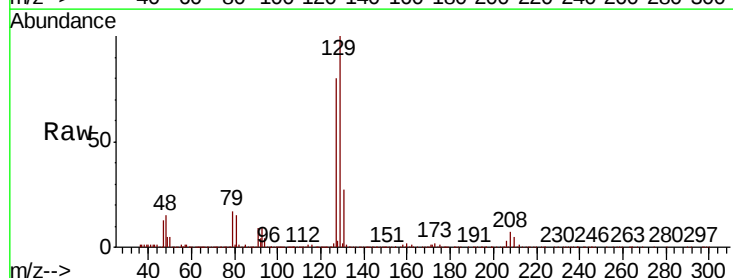
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

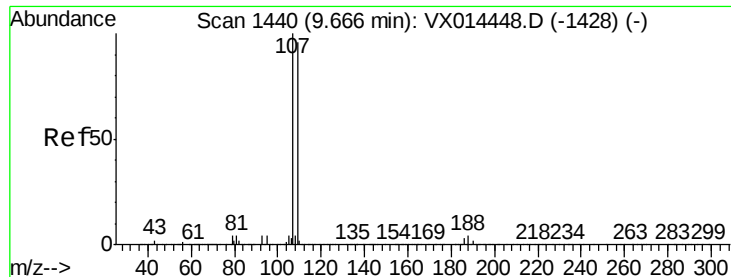
Tot Ion: 43 Resp: 611130
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.7



#60
Dibromochloromethane
Concen: 18.265 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 129 Resp: 112677
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 17.742 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

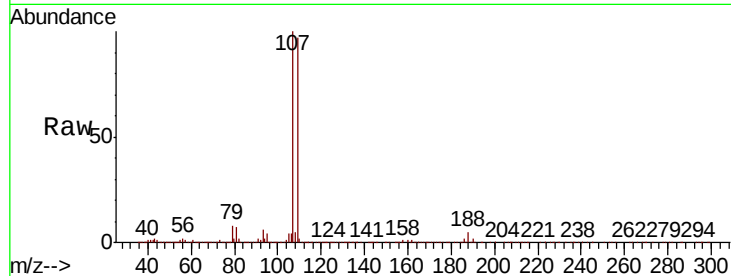
VX0107WBS01

Tot Ion:107 Resp: 115347

Ion Ratio Lower Upper

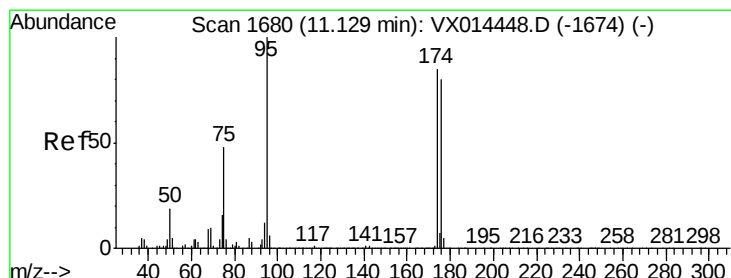
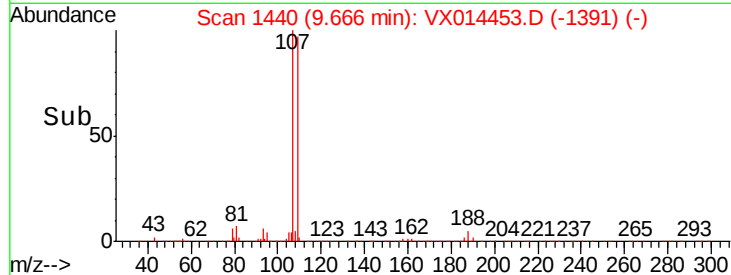
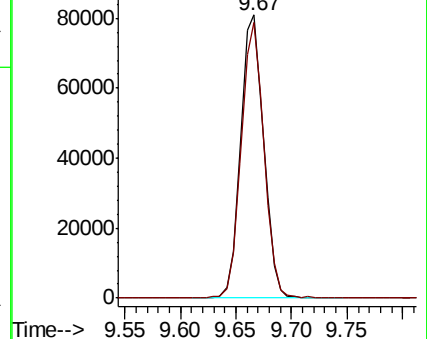
107 100

109 96.1 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.767 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

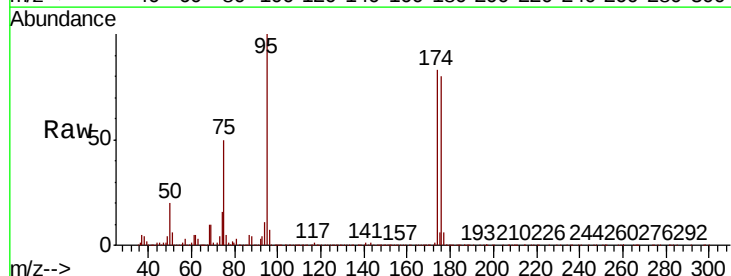
Tgt Ion: 95 Resp: 359678

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.8

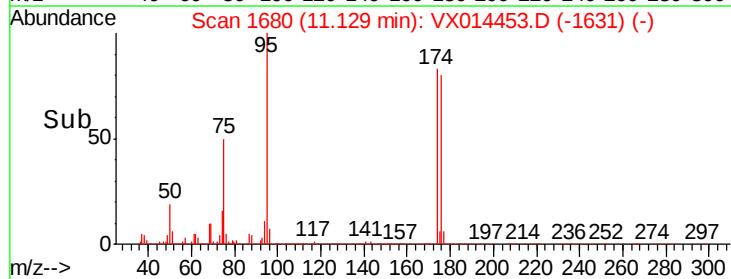
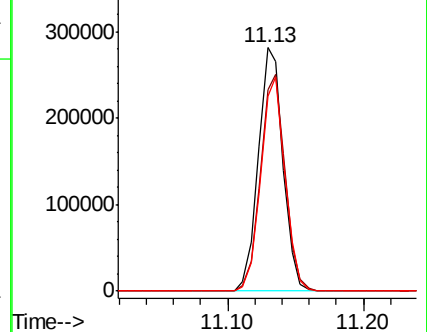
176 86.6 0.0 172.8

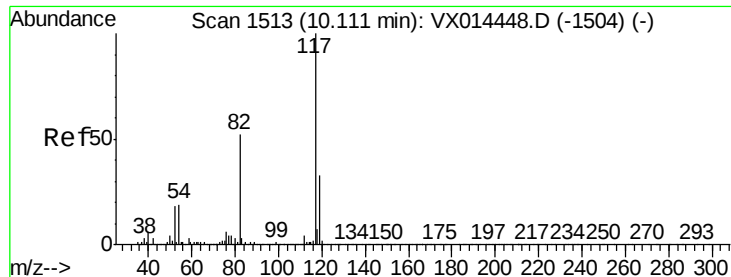


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

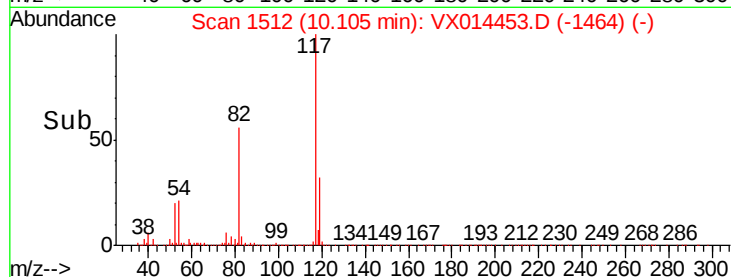
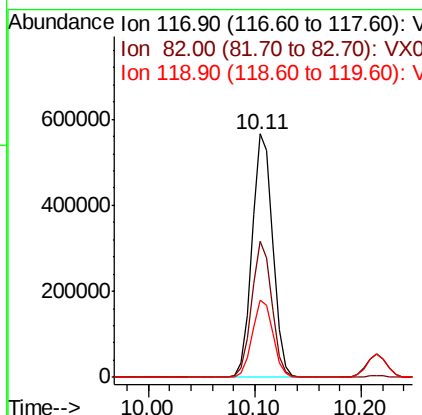
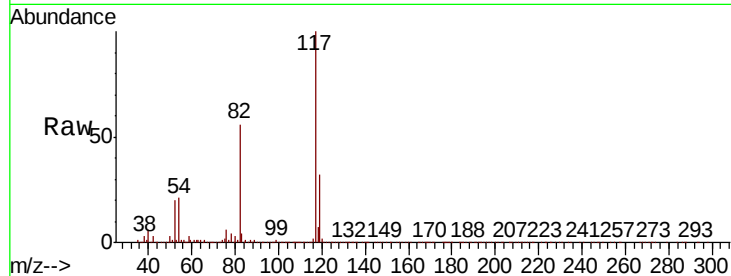




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

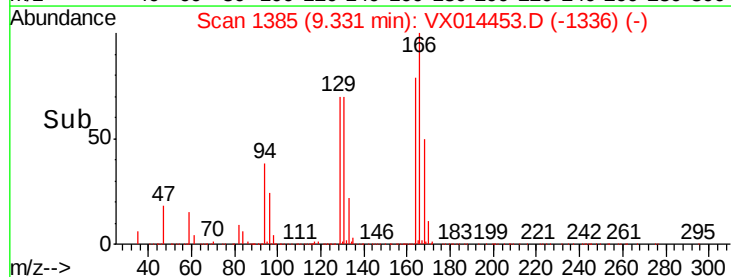
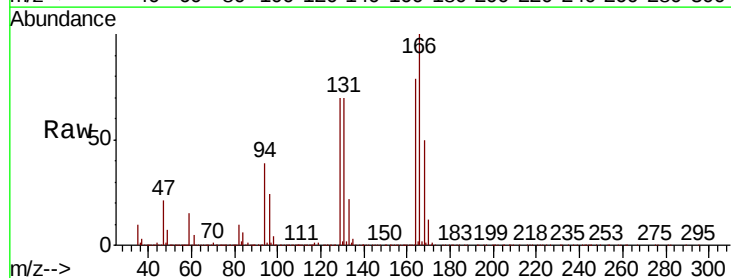
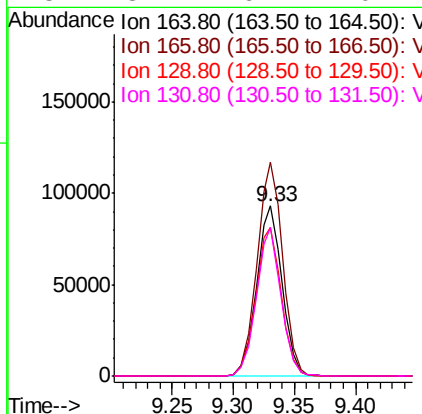
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

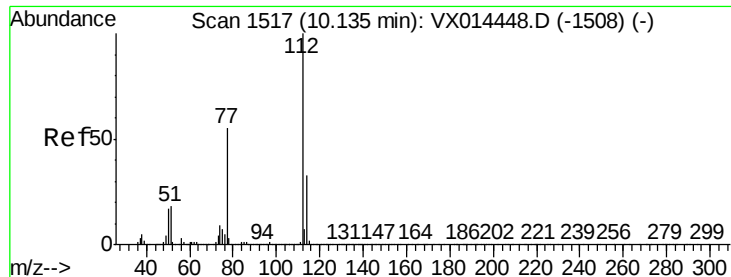
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.8	62.6
119	31.8	26.2	39.4



#64
Tetrachloroethene
Concen: 17.458 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.2	151.8
129	87.3	68.3	102.5
131	87.4	67.4	101.2





#65

Chlorobenzene

Concen: 17.946 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

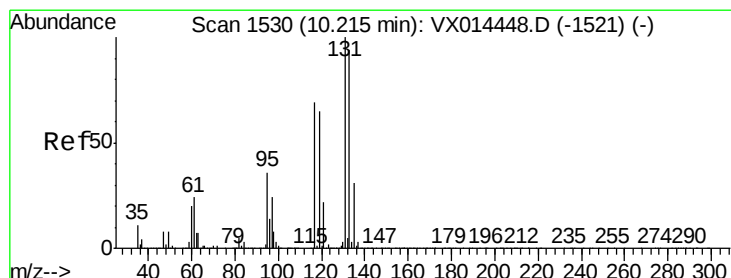
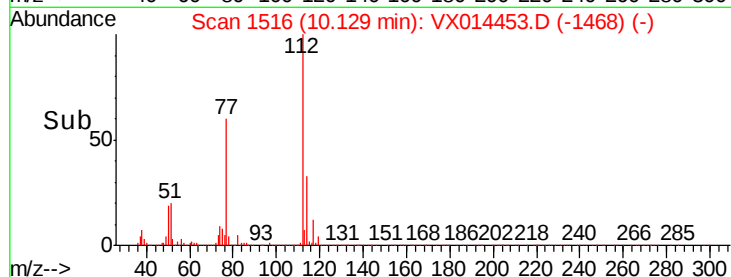
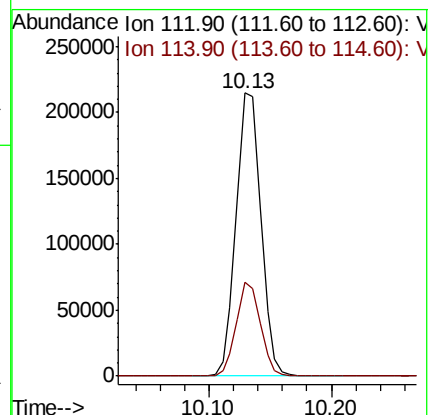
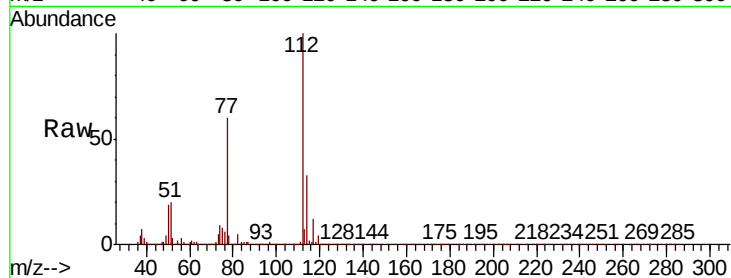
VX0107WBS01

Tot Ion:112 Resp: 300310

Ion Ratio Lower Upper

112 100

114 33.1 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 18.196 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

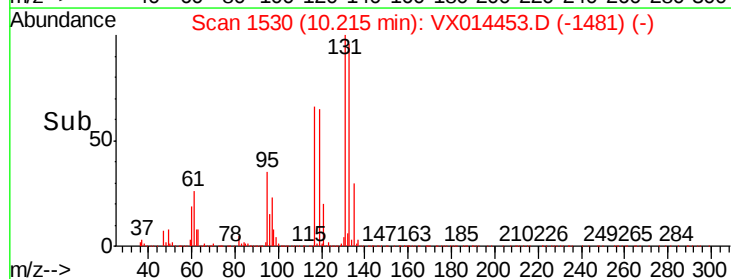
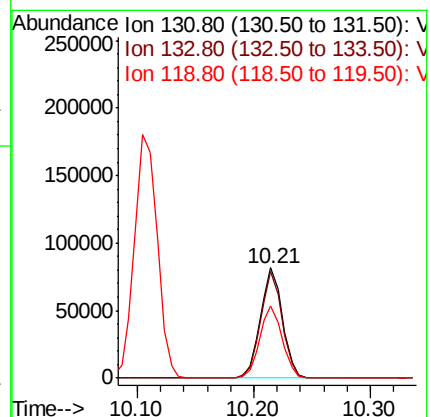
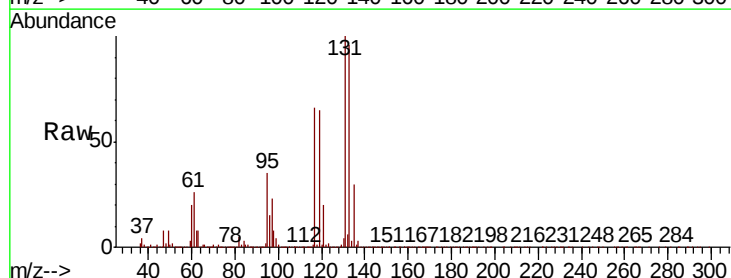
Tgt Ion:131 Resp: 108666

Ion Ratio Lower Upper

131 100

133 94.5 47.3 142.0

119 66.4 32.8 98.4





#67

Ethyl Benzene

Concen: 18.508 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampled :

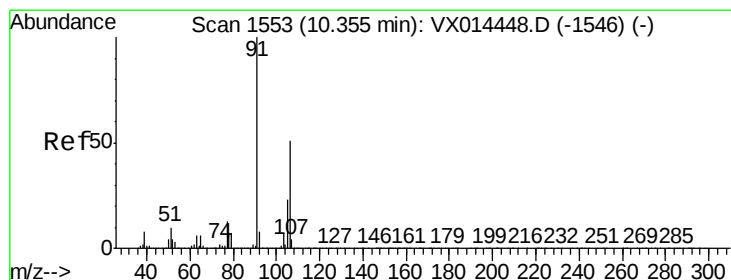
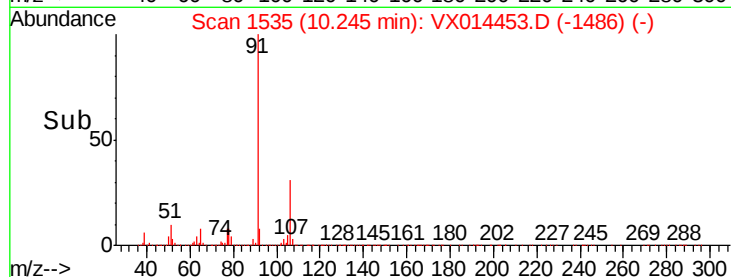
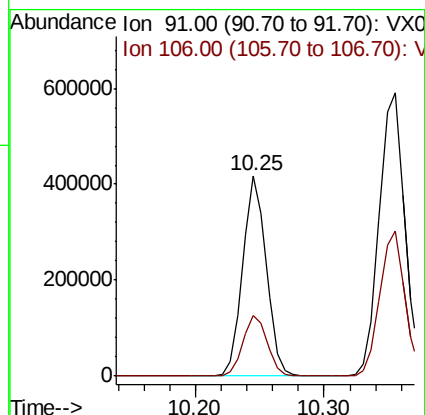
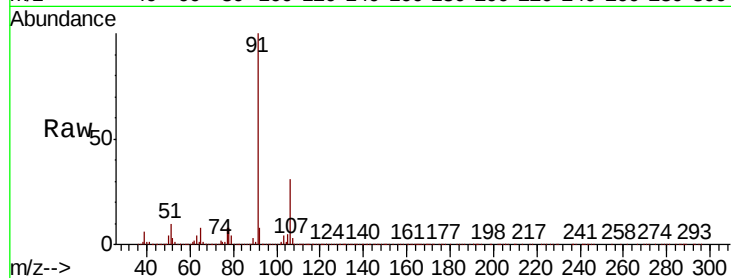
VX0107WBS01

Tot Ion: 91 Resp: 527895

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 36.546 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014453.D

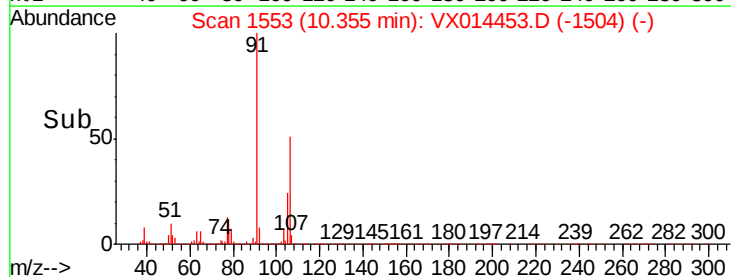
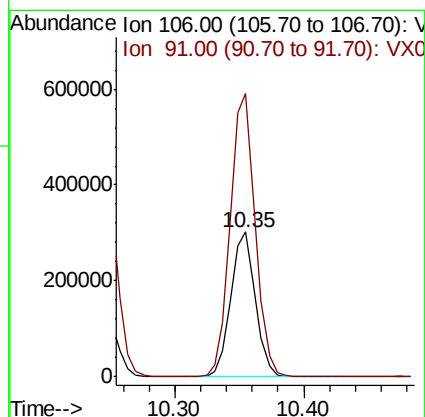
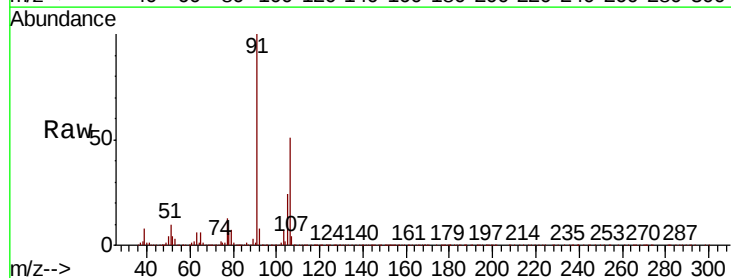
Acq: 07 Jan 2020 17:21

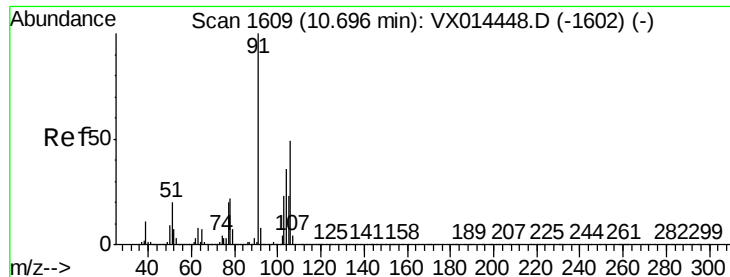
Tgt Ion: 106 Resp: 402141

Ion Ratio Lower Upper

106 100

91 200.1 157.4 236.0

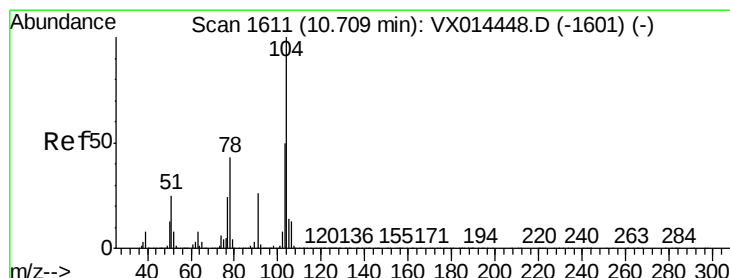
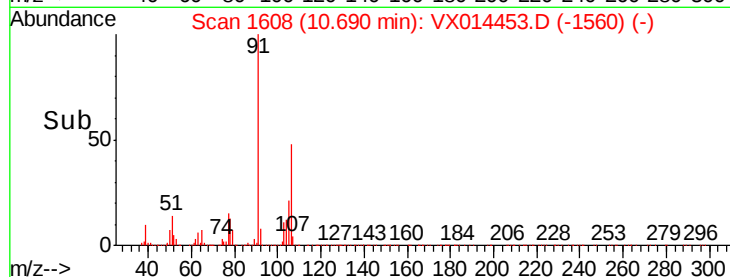
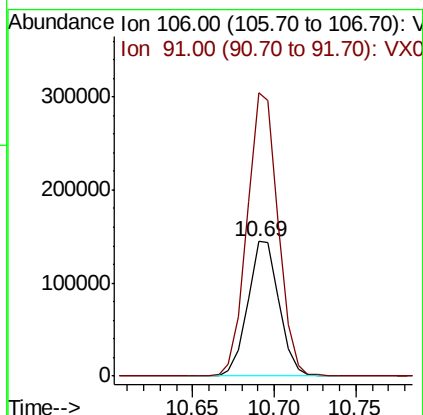
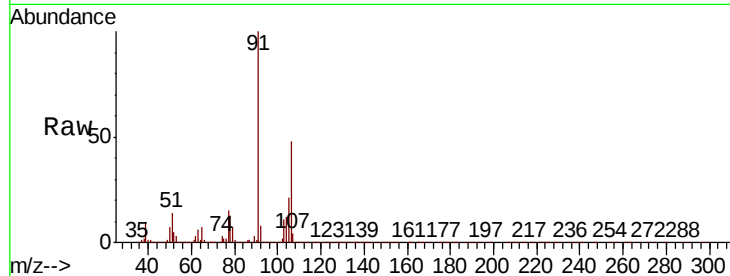




#69
o-Xylene
Concen: 18.400 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

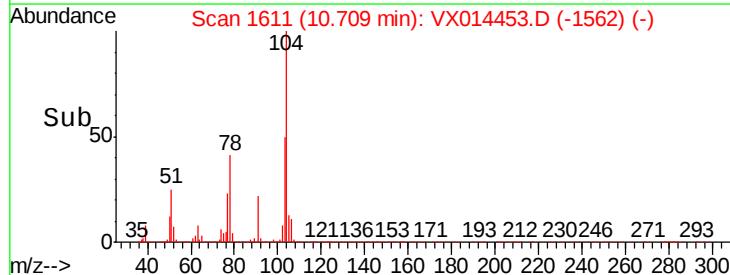
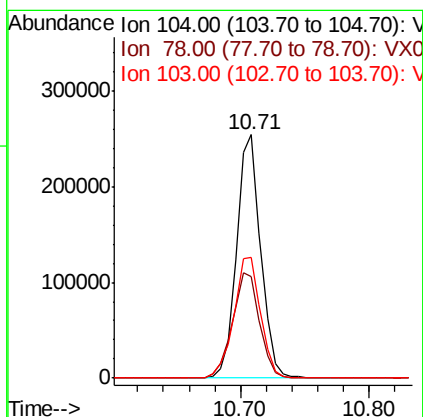
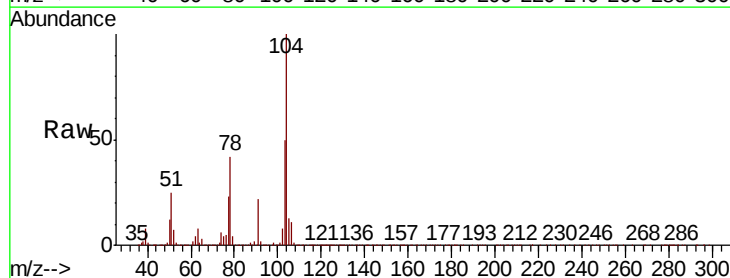
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

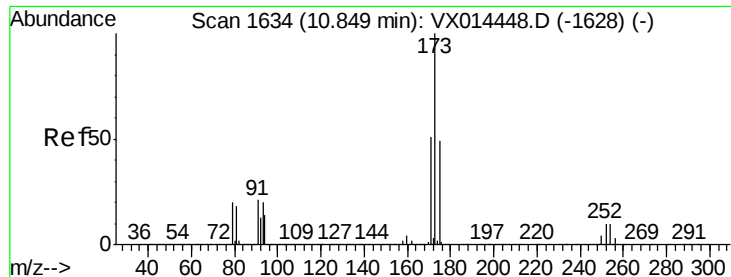
Tot Ion:106 Resp: 193180
Ion Ratio Lower Upper
106 100
91 208.5 105.1 315.1



#70
Styrene
Concen: 18.159 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion:104 Resp: 329011
Ion Ratio Lower Upper
104 100
78 49.1 38.6 58.0
103 55.4 43.7 65.5





#71

Bromoform

Concen: 17.493 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

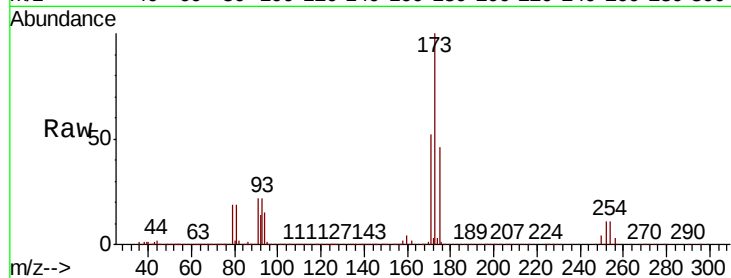
Tot Ion:173 Resp: 85468

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

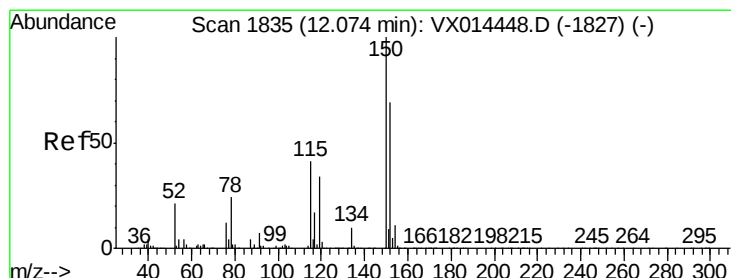
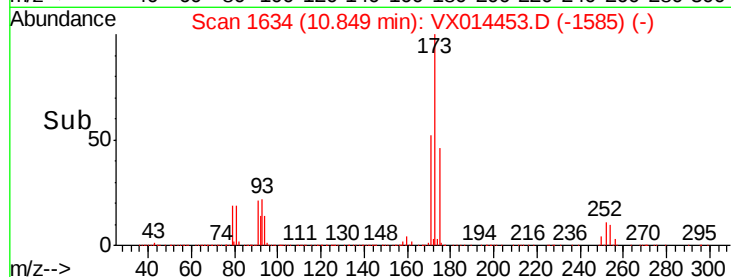
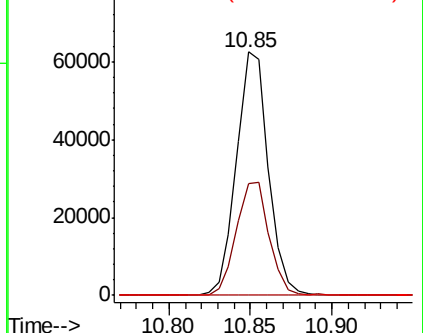
254 0.4 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

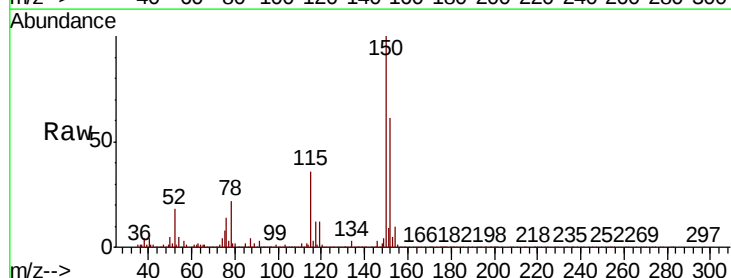
Tgt Ion:152 Resp: 395967

Ion Ratio Lower Upper

152 100

115 64.7 39.5 118.3

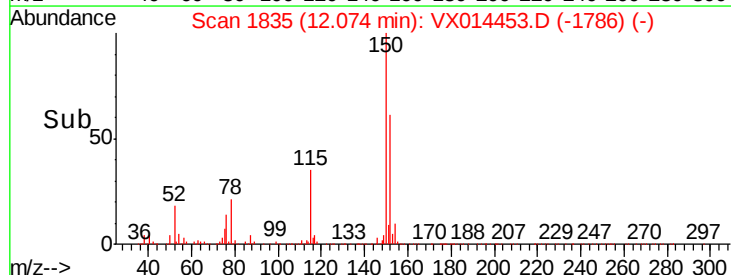
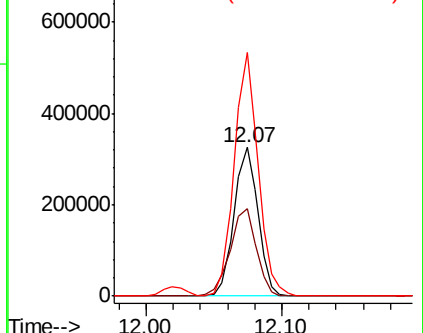
150 164.4 0.0 350.2

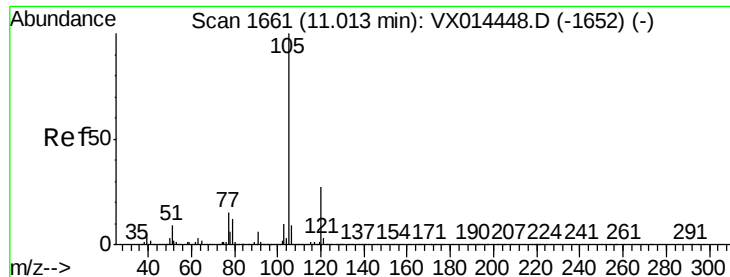


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.503 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

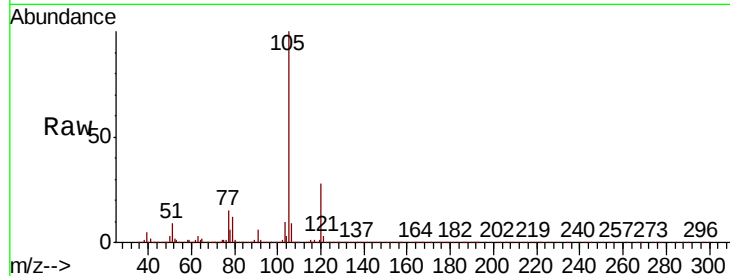
VX0107WBS01

Tot Ion:105 Resp: 514484

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

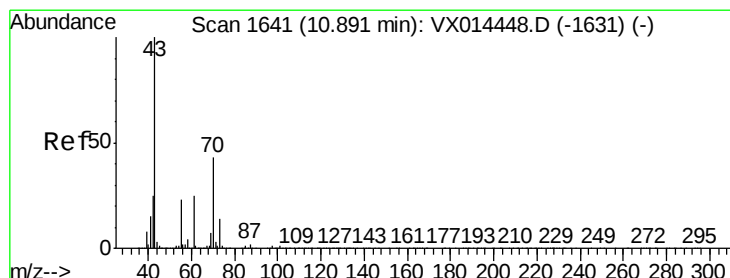
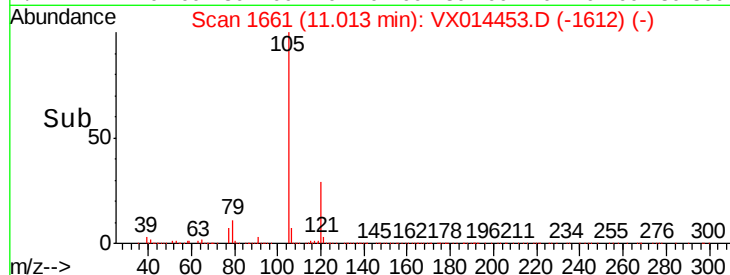
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.063 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Tgt Ion: 43 Resp: 221590

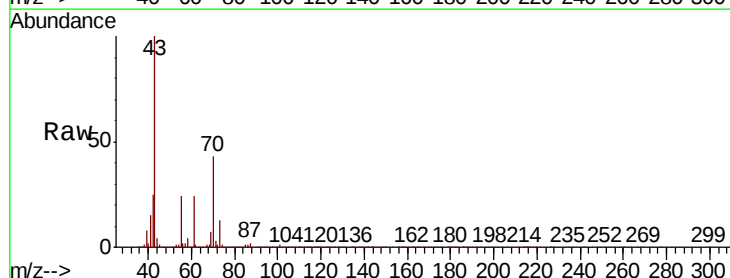
Ion Ratio Lower Upper

43 100

70 43.8 35.1 52.7

55 24.6 19.3 28.9

61 24.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

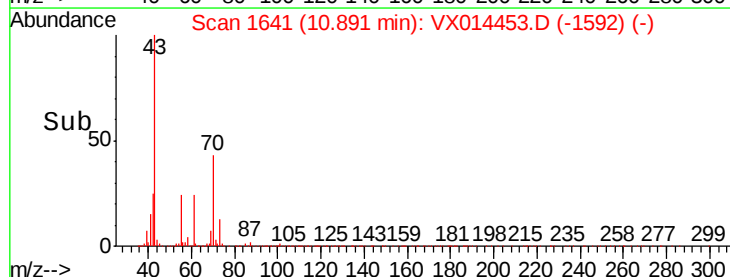
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.832 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

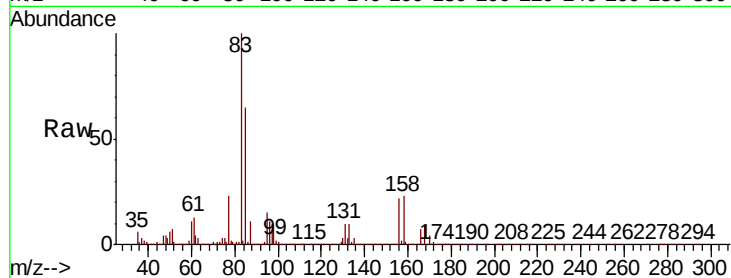
Tot Ion: 83 Resp: 159007

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

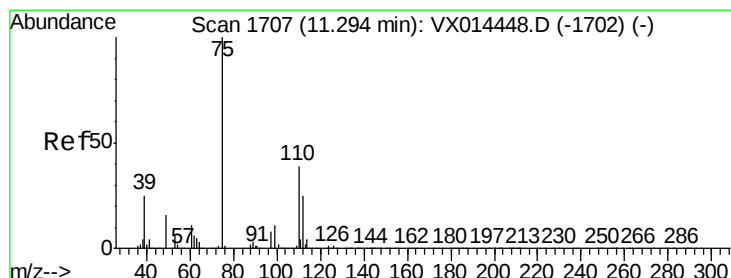
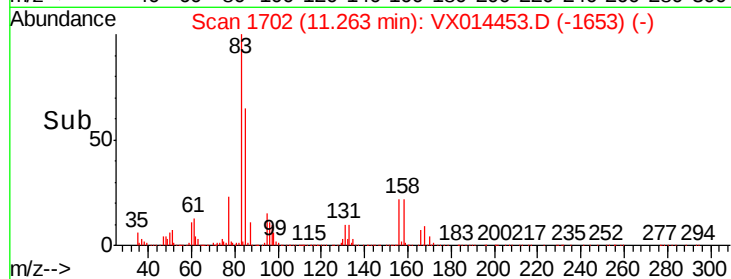
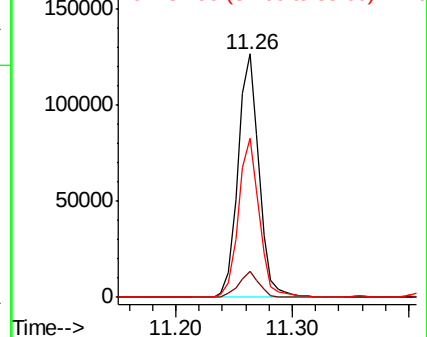
85 64.7 32.5 97.4



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: 22.965 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014453.D

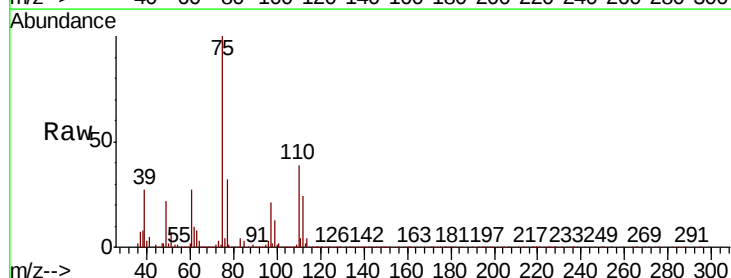
Acq: 07 Jan 2020 17:21

Tgt Ion: 75 Resp: 188140

Ion Ratio Lower Upper

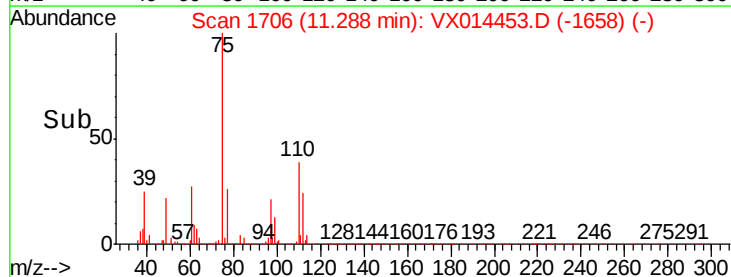
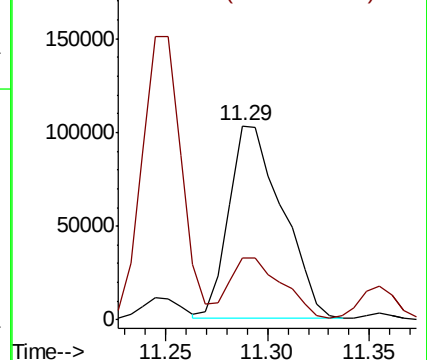
75 100

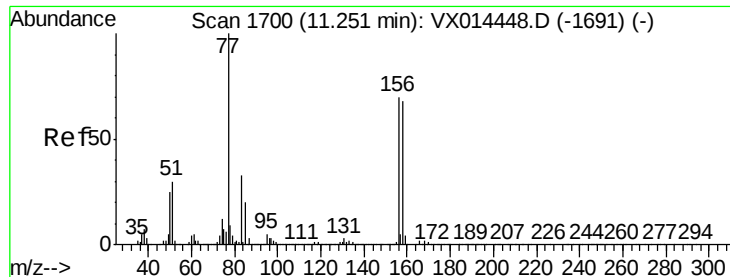
77 32.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.855 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

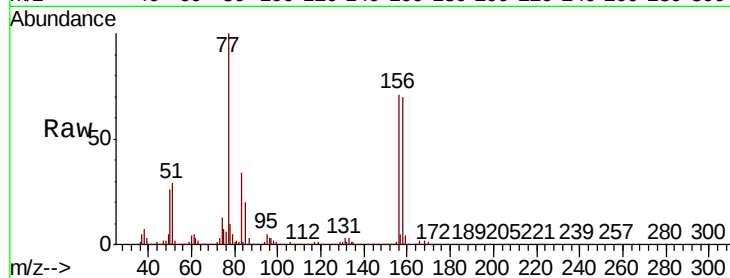
Tot Ion:156 Resp: 137678

Ion Ratio Lower Upper

156 100

77 147.1 75.4 226.3

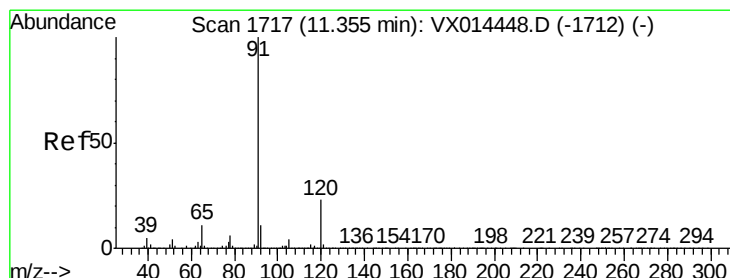
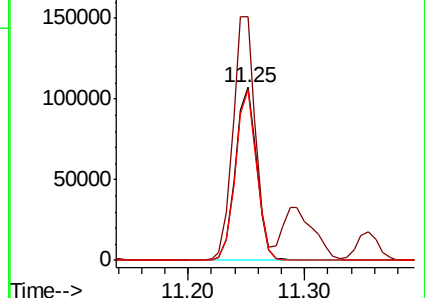
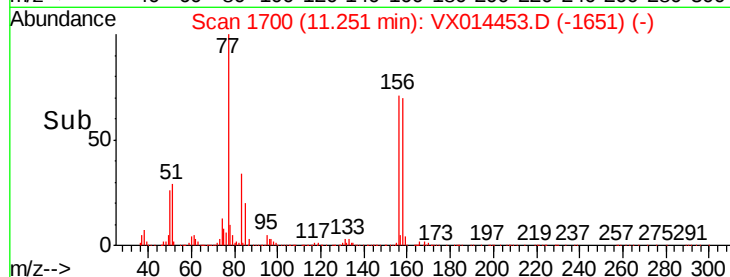
158 97.8 48.8 146.3



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: 18.848 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014453.D

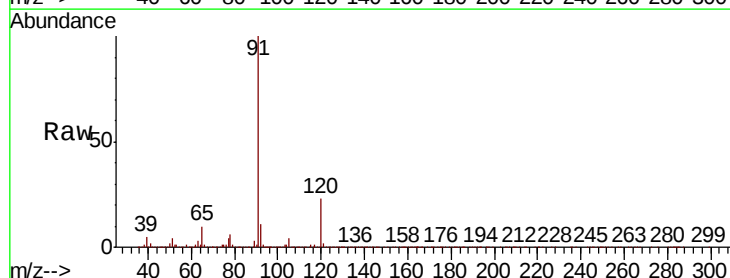
Acq: 07 Jan 2020 17:21

Tgt Ion: 91 Resp: 600210

Ion Ratio Lower Upper

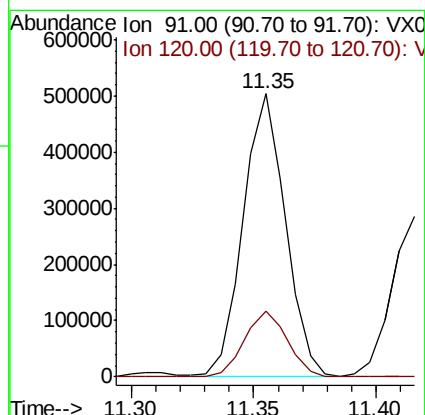
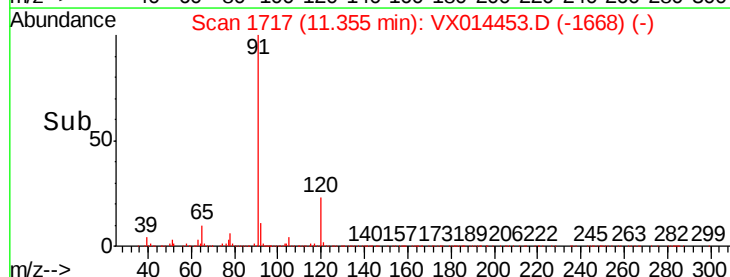
91 100

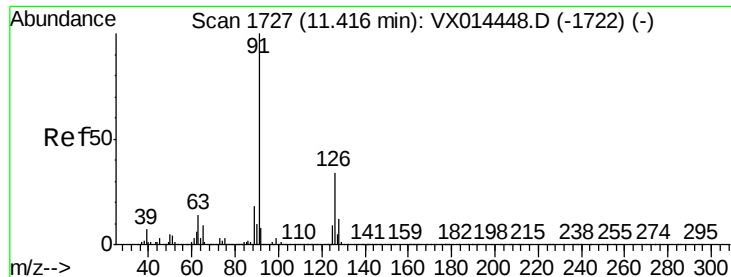
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

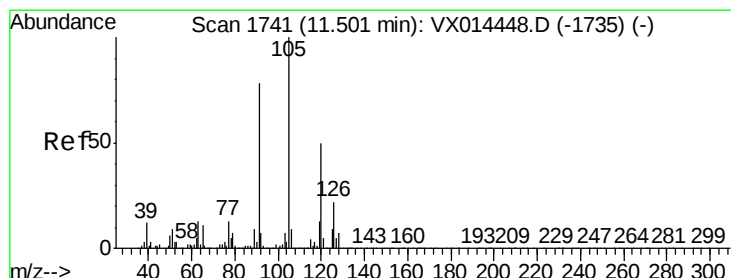
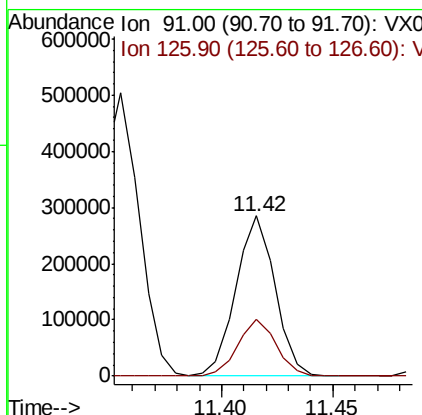
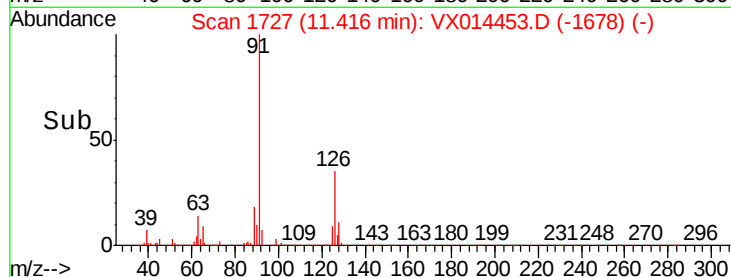
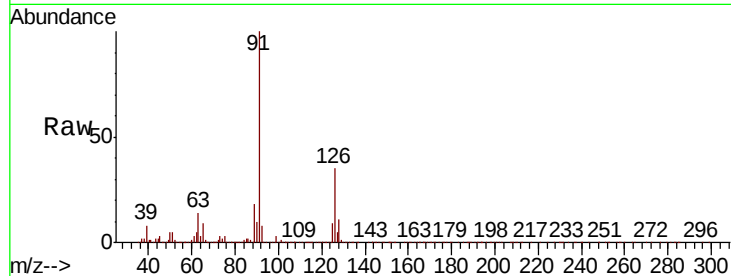




#79
2-Chlorotoluene
Concen: 18.390 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

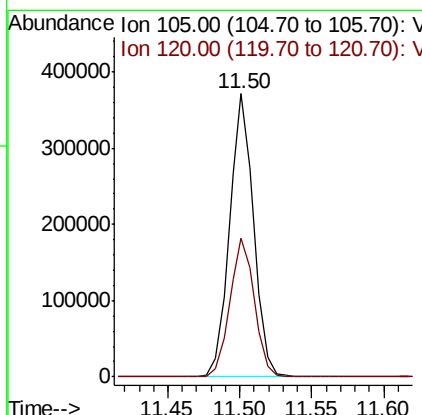
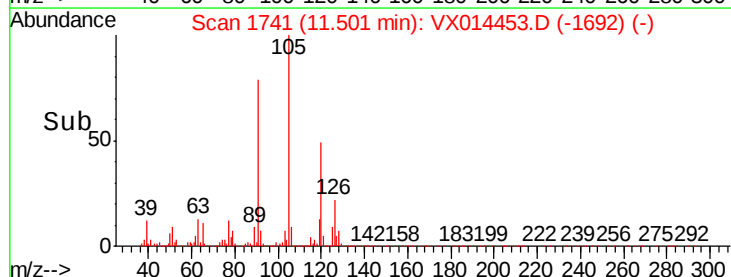
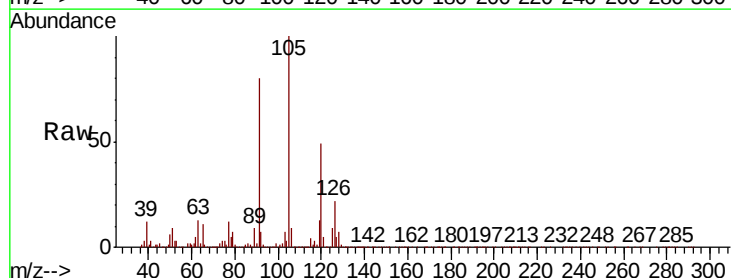
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

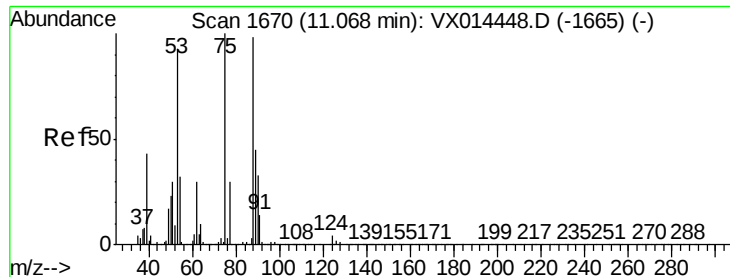
Tot Ion: 91 Resp: 349028
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 18.783 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 105 Resp: 433596
Ion Ratio Lower Upper
105 100
120 50.0 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.690 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

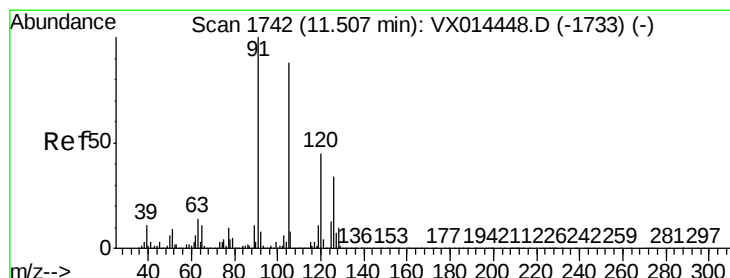
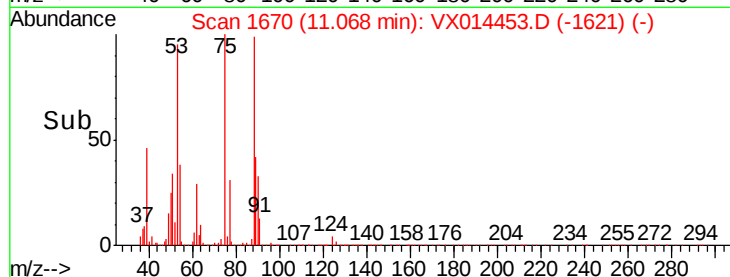
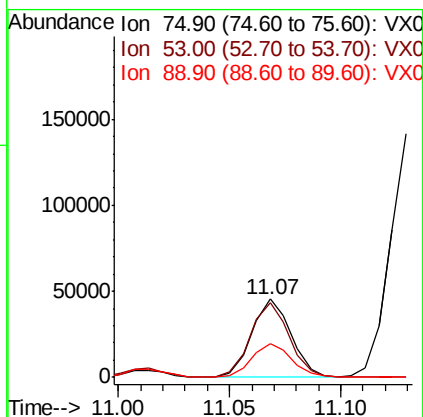
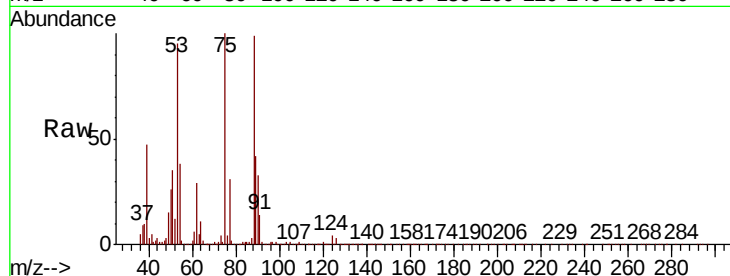
Tot Ion: 75 Resp: 54818

Ion Ratio Lower Upper

75 100

53 95.2 74.8 112.2

89 45.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.341 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014453.D

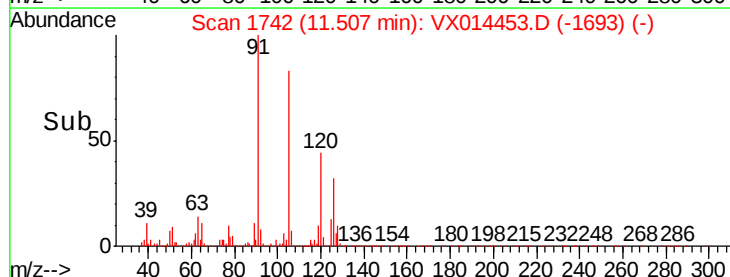
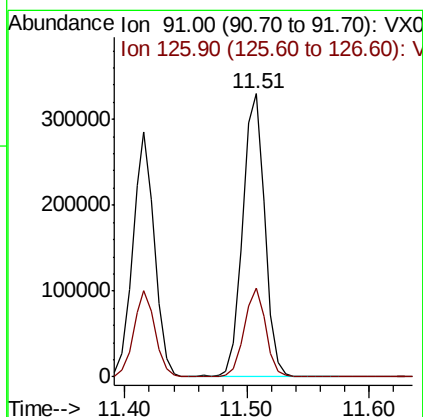
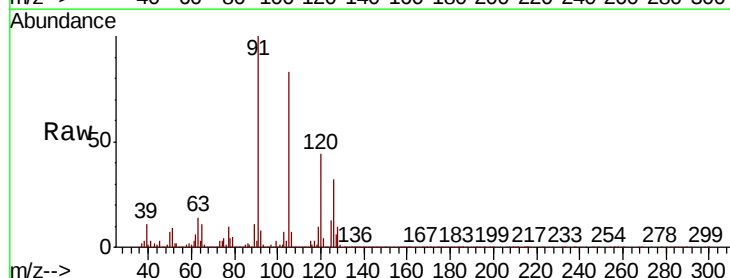
Acq: 07 Jan 2020 17:21

Tgt Ion: 91 Resp: 408583

Ion Ratio Lower Upper

91 100

126 30.8 15.9 47.7





#83

tert-Butylbenzene

Concen: 18.720 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

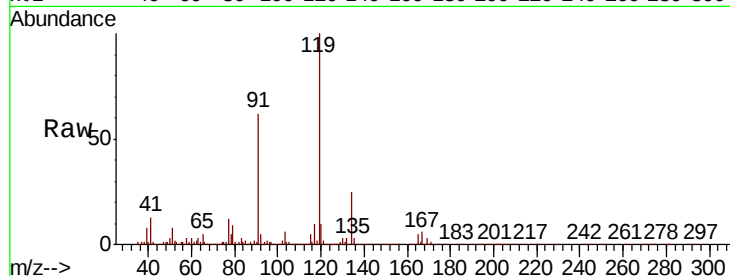
Tot Ion:119 Resp: 408326

Ion Ratio Lower Upper

119 100

91 58.1 29.3 88.0

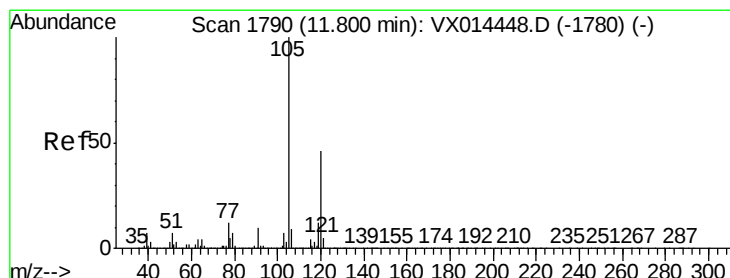
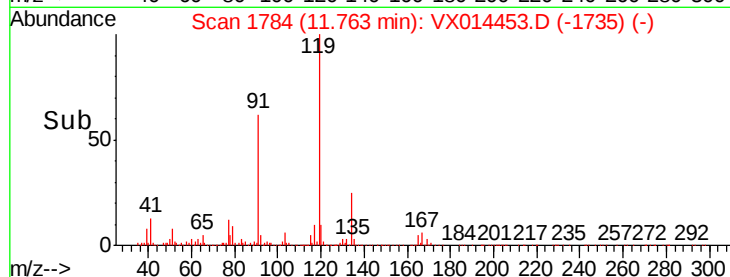
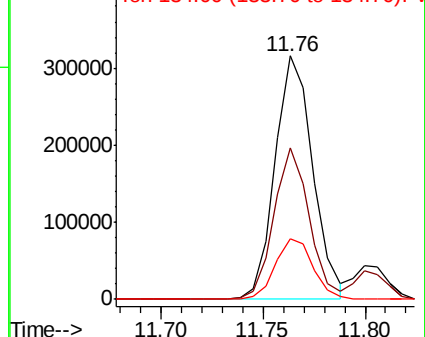
134 24.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.572 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014453.D

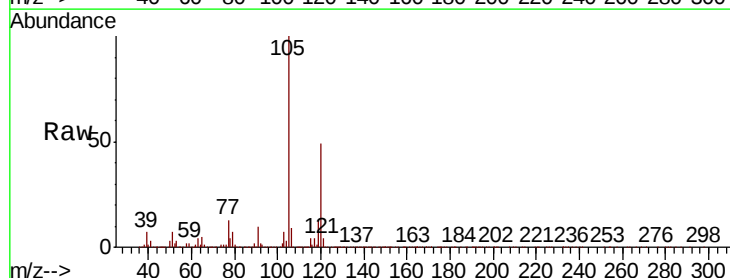
Acq: 07 Jan 2020 17:21

Tgt Ion:105 Resp: 433220

Ion Ratio Lower Upper

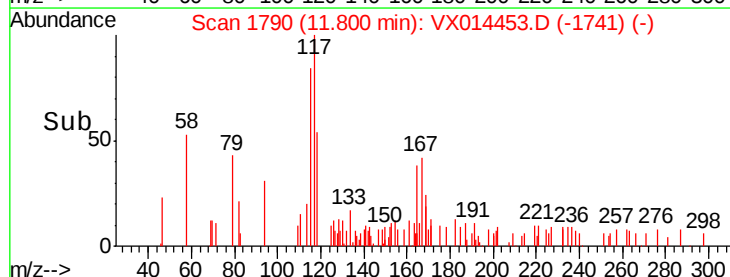
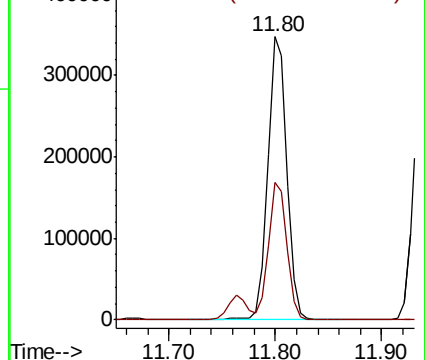
105 100

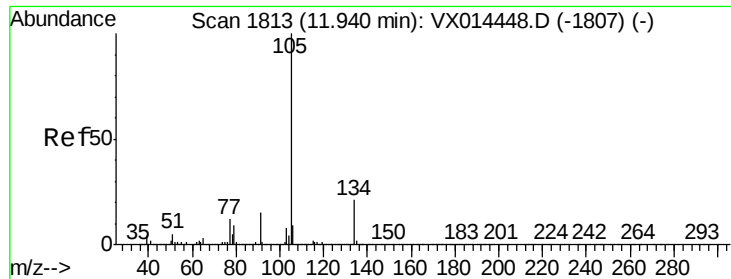
120 47.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.873 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

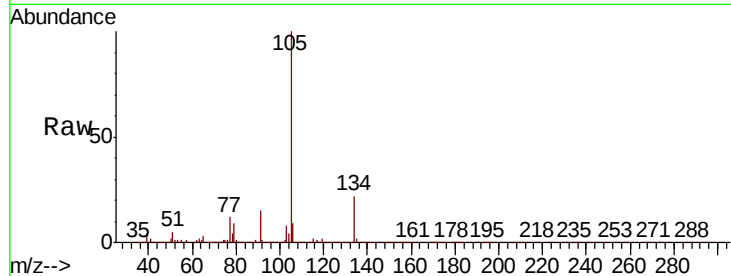
VX0107WBS01

Tot Ion:105 Resp: 511769

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

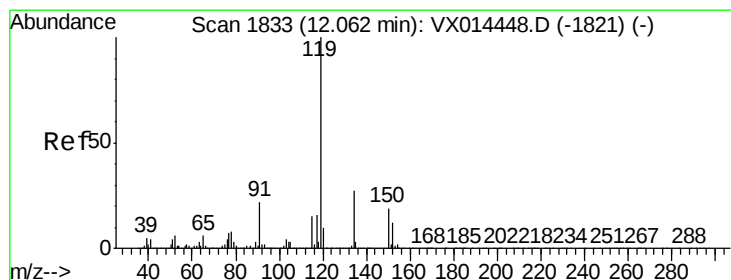
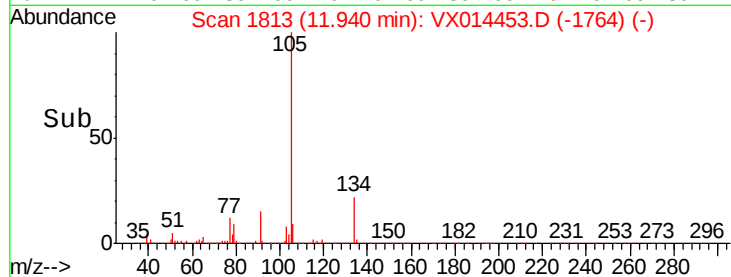
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.919 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

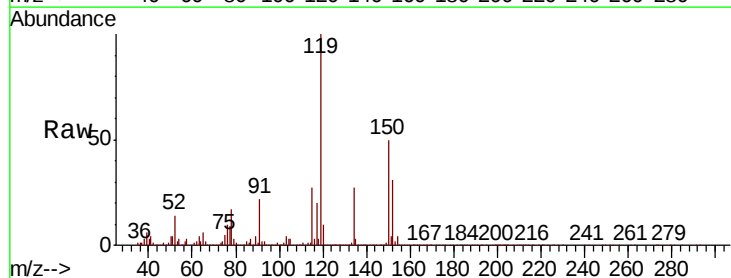
Tgt Ion:119 Resp: 476049

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.3 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

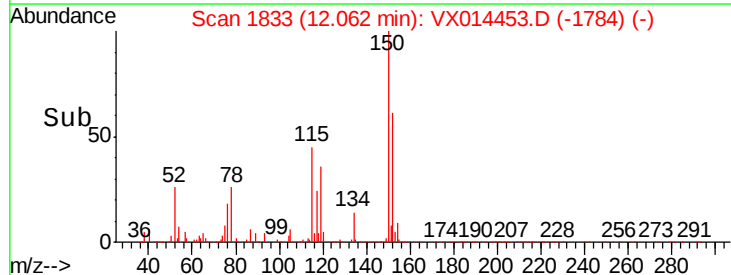
300000

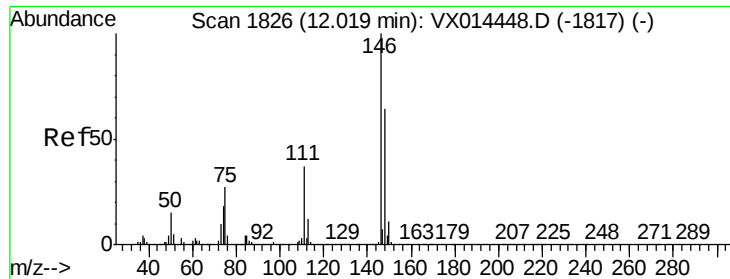
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 17.880 ug/l

RT: 12.02 min Scan# 1826

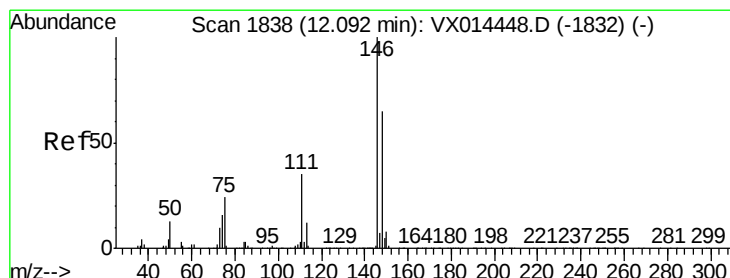
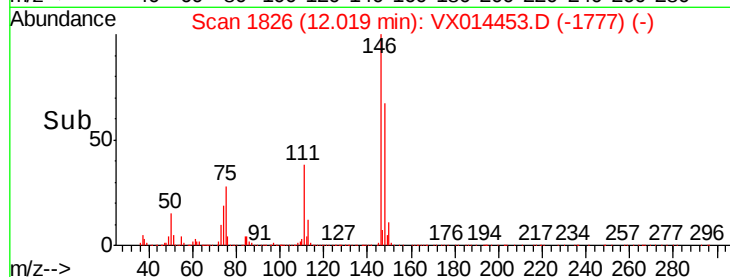
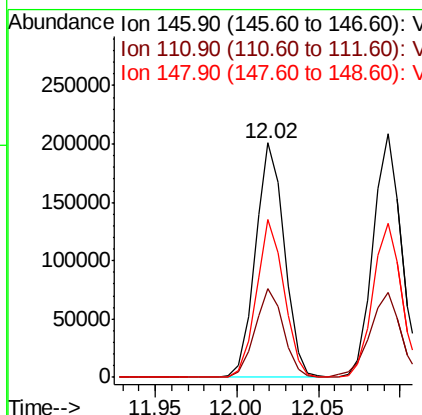
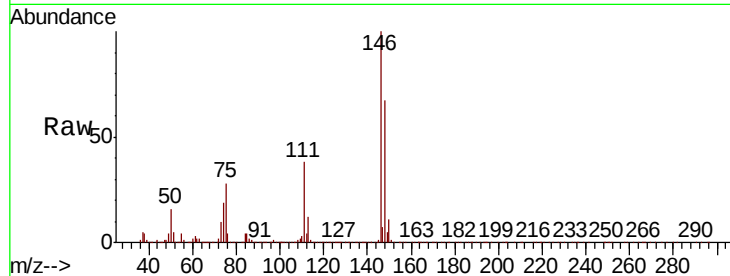
Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.8	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 18.834 ug/l

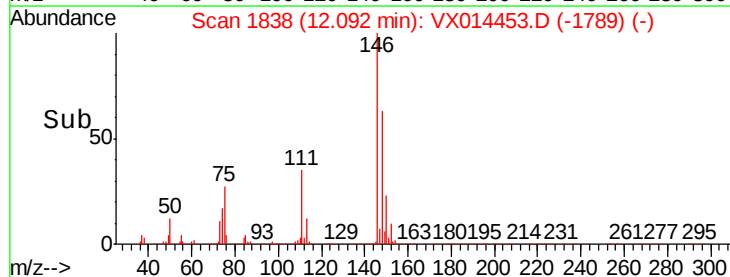
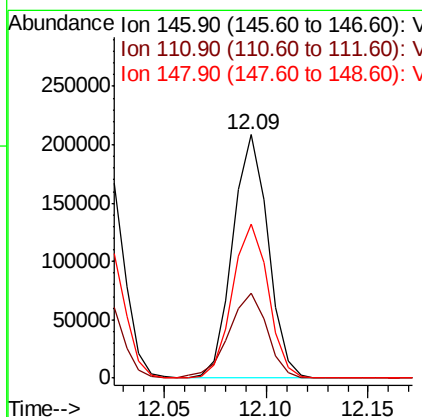
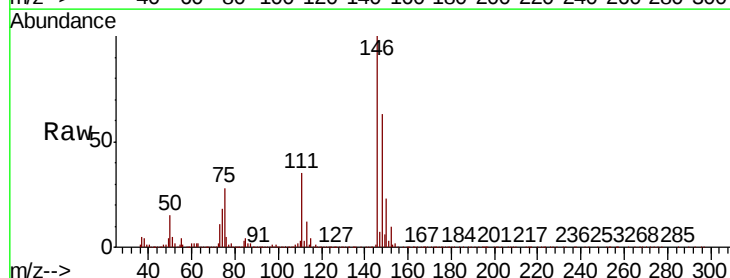
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	64.5	32.1	96.3

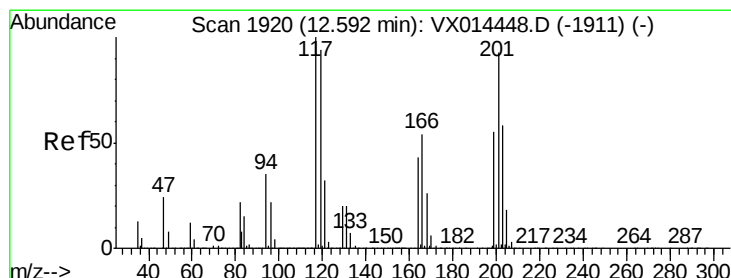
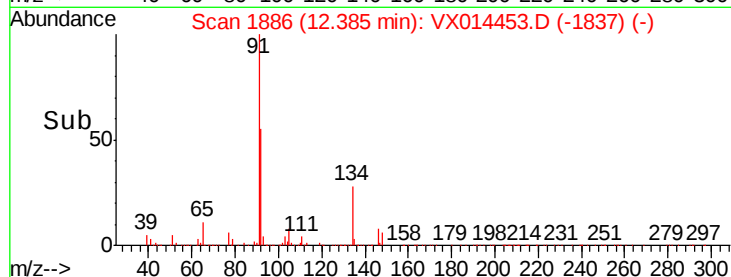
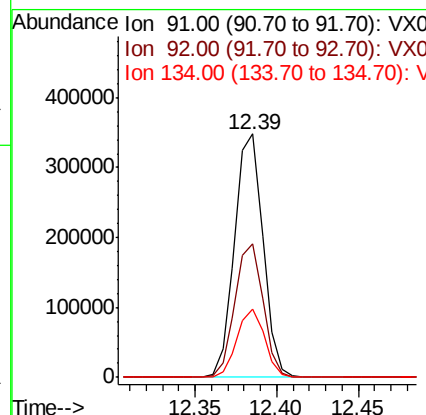
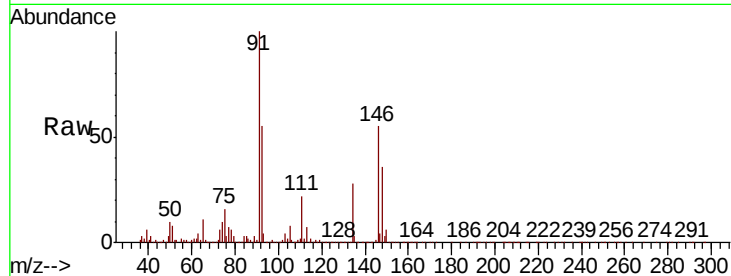




#89
n-Butylbenzene
Concen: 18.319 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

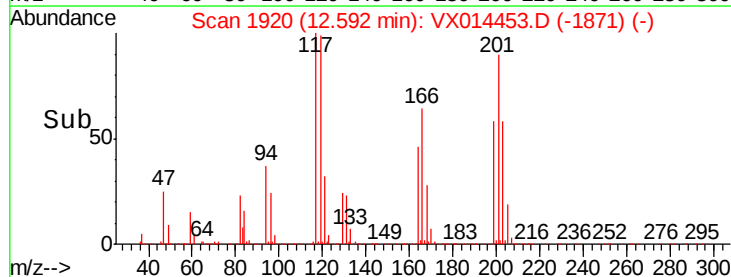
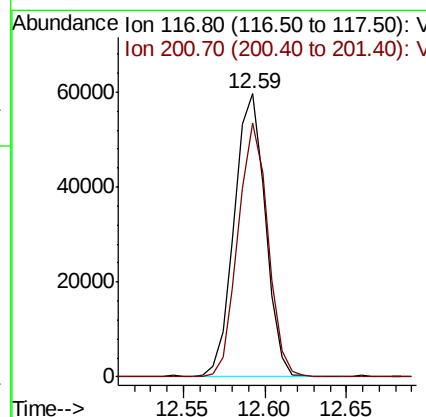
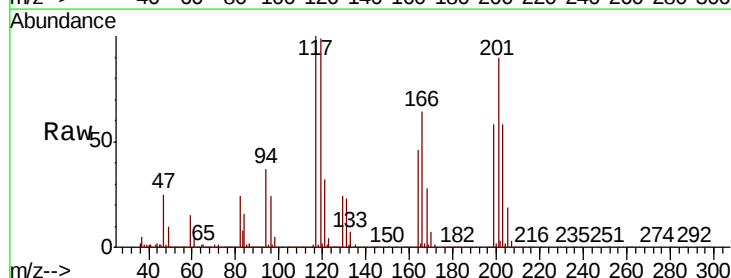
Instrument :
MSVOA_X
ClientSampled :
VX0107WBS01

Tot Ion: 91 Resp: 421460
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 27.5 13.9 41.7



#90
Hexachloroethane
Concen: 17.806 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion: 117 Resp: 78698
Ion Ratio Lower Upper
117 100
201 87.2 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 17.642 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS01

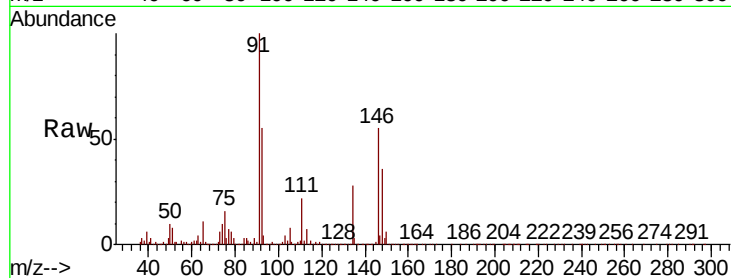
Tot Ion:146 Resp: 239193

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.4

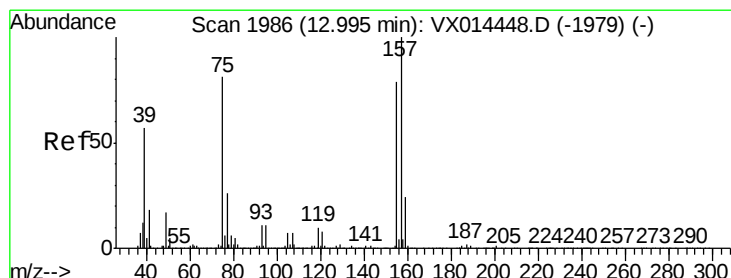
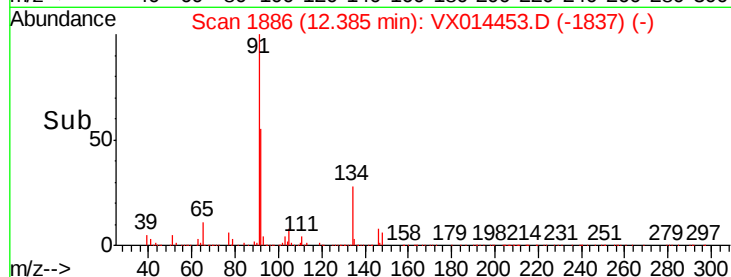
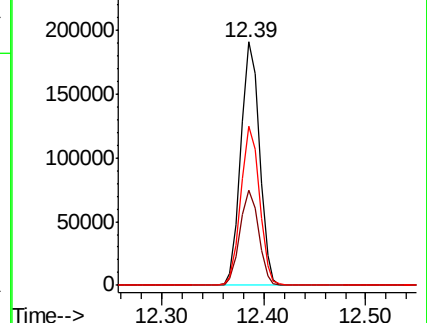
148 65.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.208 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014453.D

Acq: 07 Jan 2020 17:21

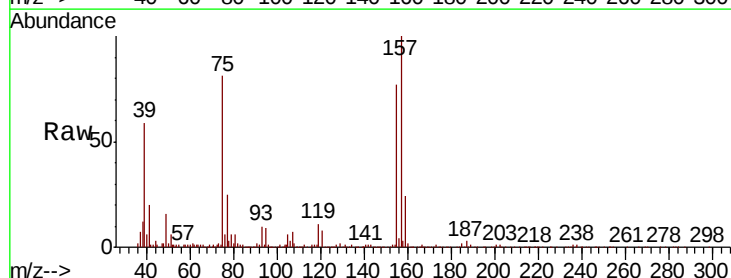
Tgt Ion: 75 Resp: 36522

Ion Ratio Lower Upper

75 100

155 89.4 48.7 146.1

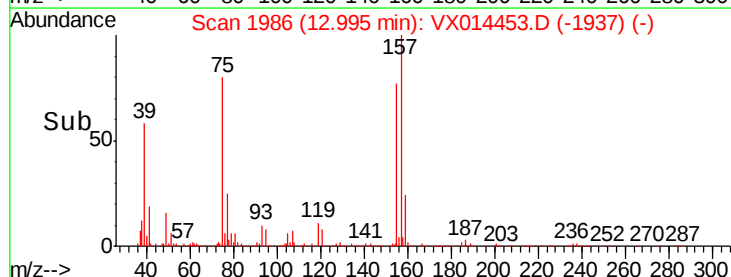
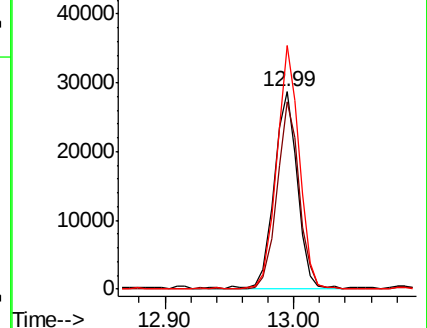
157 118.9 62.0 185.9

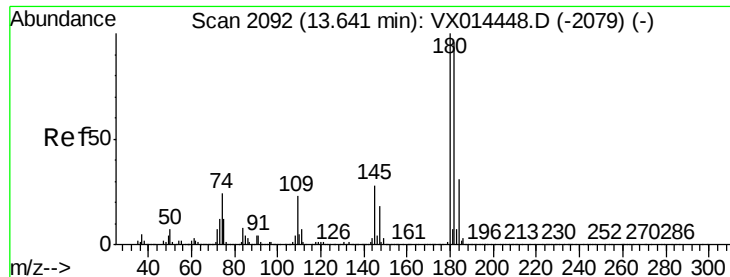


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

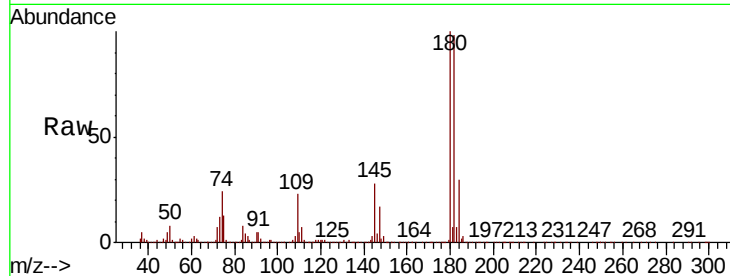




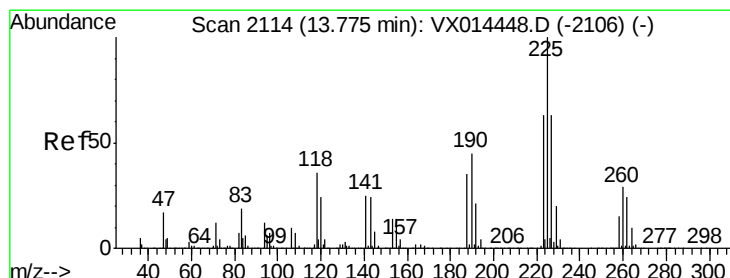
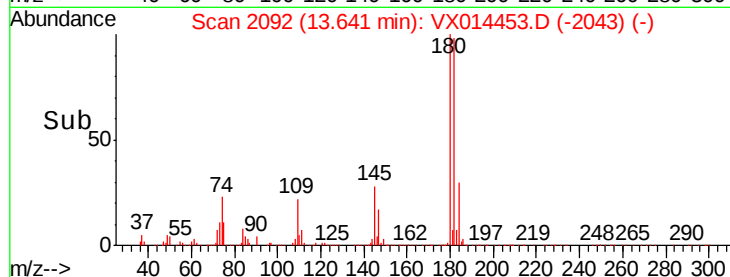
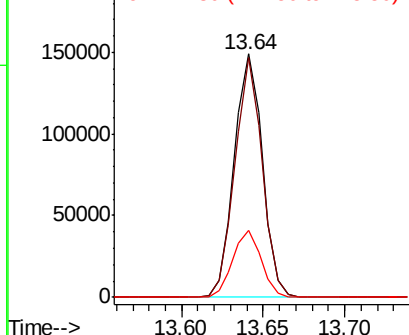
#93
 1,2,4-Trichlorobenzene
 Concen: 18.802 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	27.7	13.9	41.6

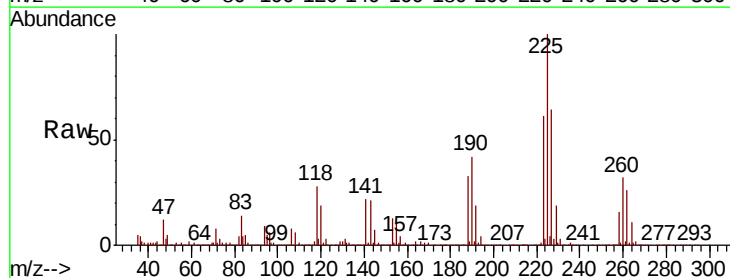


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

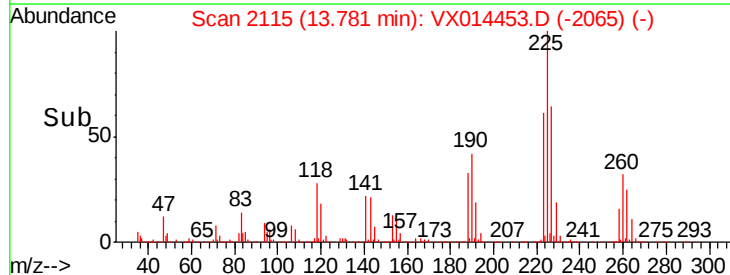
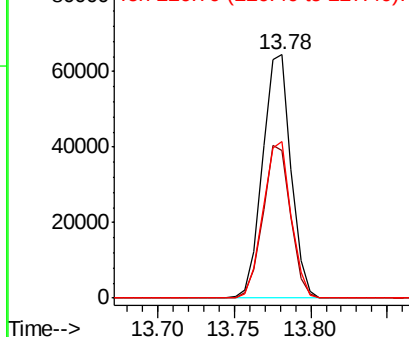


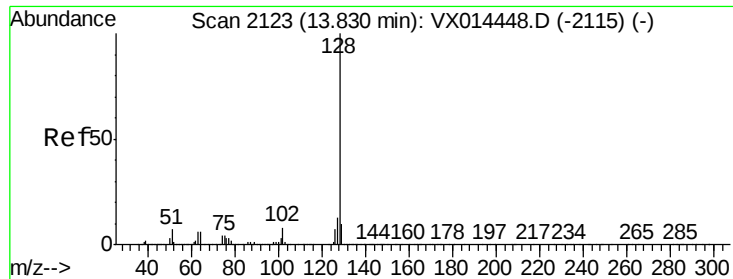
#94
 Hexachlorobutadiene
 Concen: 18.872 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX014453.D
 Acq: 07 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.1	93.2
227	63.2	31.4	94.2



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

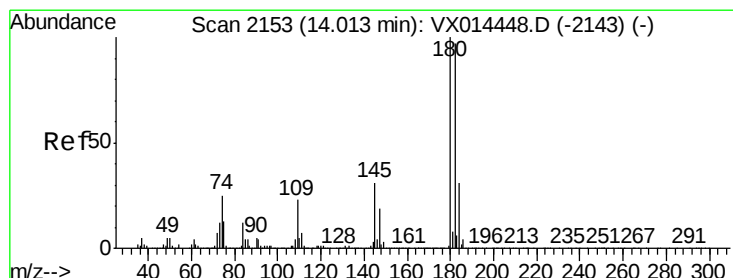
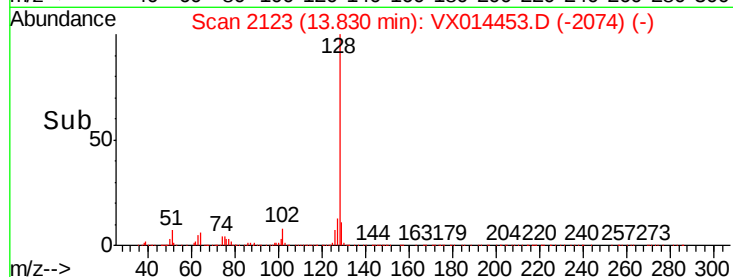
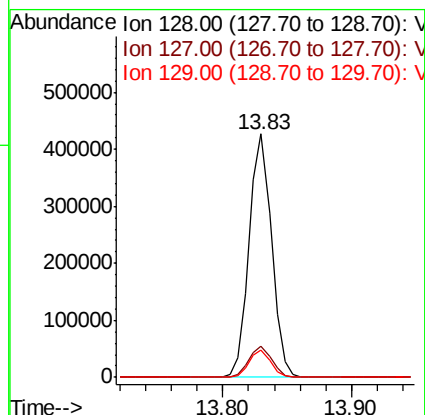
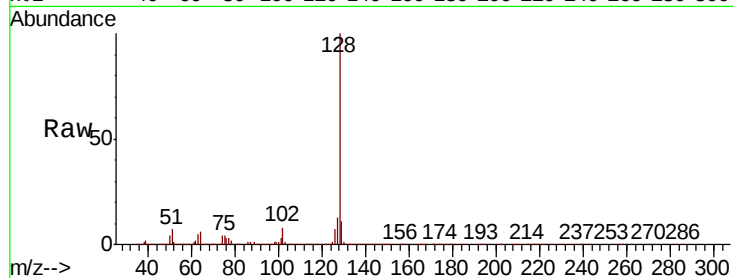




#95
Naphthalene
Concen: 17.318 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

Tot Ion:128 Resp: 511507
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.602 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014453.D
Acq: 07 Jan 2020 17:21

Tgt Ion:180 Resp: 175307
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 30.2 14.8 44.3

