

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014552.D
 Acq On : 10 Jan 2020 22:10
 Operator : JC/SP
 Sample : VX0110WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Quant Time: Jan 10 23:39:53 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	458893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	630402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	257376	50.24	ug/l	0.00
Spiked Amount						
			Recovery	=	100.48%	
35) Dibromofluoromethane	5.49	113	209187	49.37	ug/l	0.00
Spiked Amount						
			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	829522	50.45	ug/l	0.00
Spiked Amount						
			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	285860	47.35	ug/l	0.00
Spiked Amount						
			Recovery	=	94.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	110762	19.595	ug/l 99
3) Chloromethane	1.32	50	118196	20.206	ug/l 99
4) Vinyl Chloride	1.40	62	134697	20.665	ug/l 98
5) Bromomethane	1.64	94	79211	18.333	ug/l 99
6) Chloroethane	1.72	64	76416	20.761	ug/l 98
7) Trichlorofluoromethane	1.92	101	143028	19.344	ug/l 99
8) Diethyl Ether	2.18	74	66142	19.607	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83856	18.641	ug/l 99
10) Methyl Iodide	2.50	142	101779	18.895	ug/l 99
11) Tert butyl alcohol	3.03	59	110198	103.024	ug/l 99
12) 1,1-Dichloroethene	2.37	96	85324	18.826	ug/l 98
13) Acrolein	2.28	56	70861	82.652	ug/l 100
14) Allyl chloride	2.72	41	151188	19.000	ug/l 97
15) Acrylonitrile	3.13	53	260791	101.019	ug/l 99
16) Acetone	2.43	43	292150	111.424	ug/l 98
17) Carbon Disulfide	2.56	76	222850	17.622	ug/l 99
18) Methyl Acetate	2.76	43	161377	21.918	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	288410	19.823	ug/l 100
20) Methylene Chloride	2.85	84	100331	19.468	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	91456	18.484	ug/l 98
22) Diisopropyl ether	3.84	45	308706	20.075	ug/l 95
23) Vinyl Acetate	3.81	43	762329	64.031	ug/l 99
24) 1,1-Dichloroethane	3.69	63	167226	19.991	ug/l 100
25) 2-Butanone	4.65	43	392385	102.541	ug/l 98
26) 2,2-Dichloropropane	4.58	77	112585	15.888	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	108141	19.551	ug/l 99
28) Bromochloromethane	5.01	49	70259	19.932	ug/l 99
29) Tetrahydrofuran	5.11	42	233291	103.115	ug/l 100
30) Chloroform	5.20	83	163743	20.031	ug/l 95
31) Cyclohexane	5.57	56	156098	19.936	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	137917	19.711	ug/l 100
36) 1,1-Dichloropropene	5.79	75	123795	18.806	ug/l 99
37) Ethyl Acetate	4.82	43	139515	19.512	ug/l 99
38) Carbon Tetrachloride	5.78	117	116529	19.237	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0110WBS02

Quant Time: Jan 10 23:39:53 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)
39) Methylcyclohexane	7.46	83	149648	18.095	ug/l	98
40) Benzene	6.14	78	385203	19.716	ug/l	98
41) Methacrylonitrile	5.03	41	76616	20.093	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134776	19.730	ug/l	100
43) Isopropyl Acetate	6.44	43	228183	19.755	ug/l	99
44) Trichloroethene	7.20	130	113229	20.167	ug/l	98
45) 1,2-Dichloropropane	7.51	63	99923	20.061	ug/l	97
46) Dibromomethane	7.65	93	64433	18.534	ug/l	98
47) Bromodichloromethane	7.89	83	122583	19.378	ug/l	98
48) Methyl methacrylate	7.76	41	112827	20.395	ug/l	99
49) 1,4-Dioxane	7.73	88	48497	413.729	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	721903	102.564	ug/l	99
52) Toluene	8.78	92	239677	19.164	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	130116	17.667	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147587	18.551	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98659	19.640	ug/l	99
56) Ethyl methacrylate	9.17	69	151479	19.683	ug/l	100
57) 1,3-Dichloropropane	9.37	76	165430	19.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	275380	105.168	ug/l	99
59) 2-Hexanone	9.48	43	567732	101.941	ug/l	99
60) Dibromochloromethane	9.57	129	97740	19.358	ug/l	100
61) 1,2-Dibromoethane	9.67	107	102698	19.300	ug/l	97
64) Tetrachloroethene	9.33	164	153791	24.342	ug/l	94
65) Chlorobenzene	10.14	112	257995	18.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	93703	19.192	ug/l	99
67) Ethyl Benzene	10.25	91	450354	19.313	ug/l	97
68) m/p-Xylenes	10.36	106	341532	37.965	ug/l	98
69) o-Xylene	10.70	106	166239	19.368	ug/l	98
70) Styrene	10.71	104	284499	19.207	ug/l	99
71) Bromoform	10.85	173	72755	18.214	ug/l #	98
73) Isopropylbenzene	11.01	105	440495	20.478	ug/l	100
74) N-amyl acetate	10.89	43	186733	19.677	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	131486	19.061	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163258	25.759	ug/l	79
77) Bromobenzene	11.25	156	115645	19.386	ug/l	99
78) n-propylbenzene	11.35	91	488123	19.814	ug/l	100
79) 2-Chlorotoluene	11.42	91	298348	20.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	366961	20.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42629	17.783	ug/l	94
82) 4-Chlorotoluene	11.51	91	333677	19.362	ug/l	98
83) tert-Butylbenzene	11.76	119	310999	18.431	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	360369	19.970	ug/l	100
85) sec-Butylbenzene	11.94	105	420807	20.060	ug/l	99
86) p-Isopropyltoluene	12.06	119	386833	19.873	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	202413	18.907	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	200516	19.580	ug/l	98
89) n-Butylbenzene	12.39	91	315780	17.743	ug/l	99
90) Hexachloroethane	12.59	117	63568	18.591	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	202990	19.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29809	19.211	ug/l	99

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Instrument :
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ClientSampleId :
VX0110WBS02

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

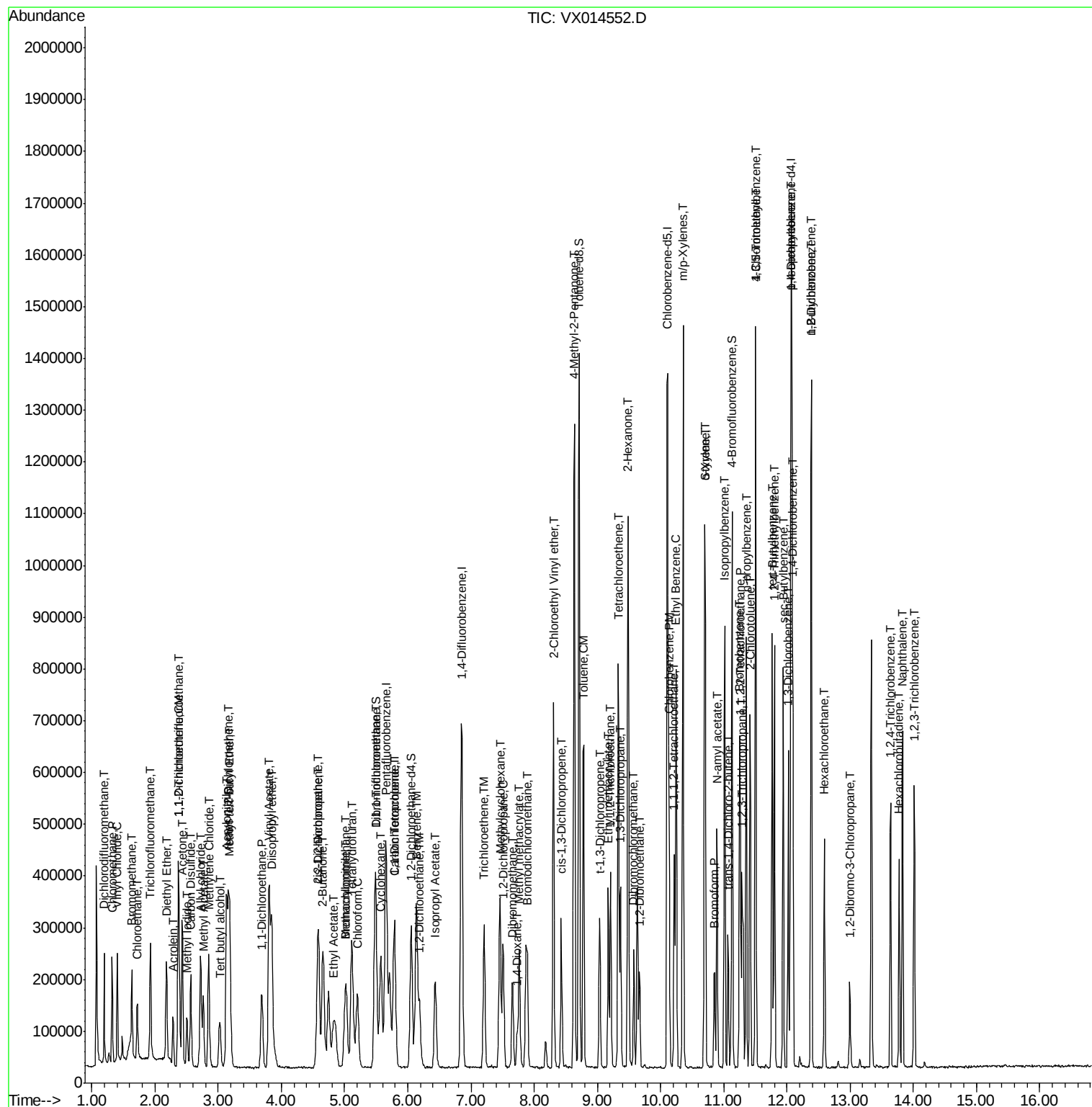
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131683	17.816	ug/l	98
94) Hexachlorobutadiene	13.78	225	63140	18.352	ug/l	98
95) Naphthalene	13.83	128	408305	17.870	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135630	18.604	ug/l	100

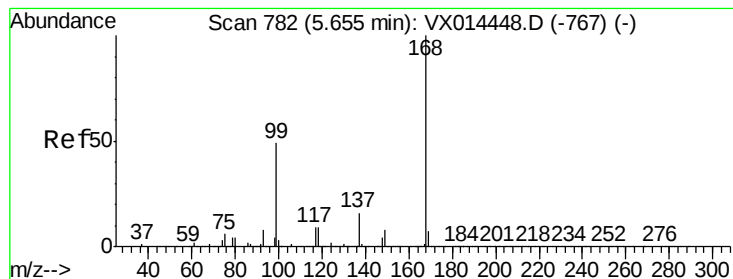
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014552.D
 Acq On : 10 Jan 2020 22:10
 Operator : JC/SP
 Sample : VX0110WBS02
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Quant Time: Jan 10 23:39:53 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

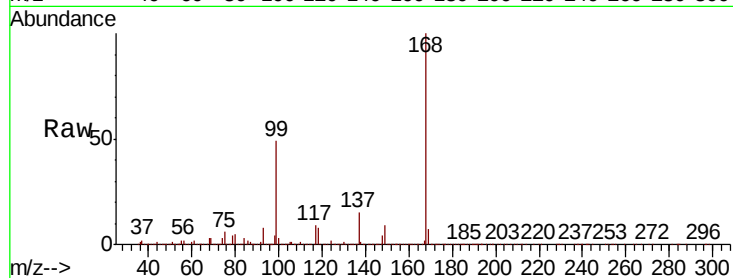
VX0110WBS02

Tot Ion:168 Resp: 458893

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

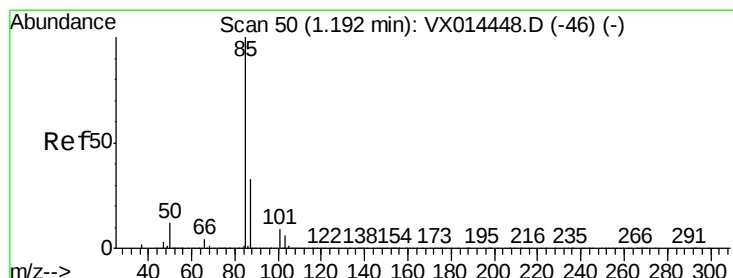
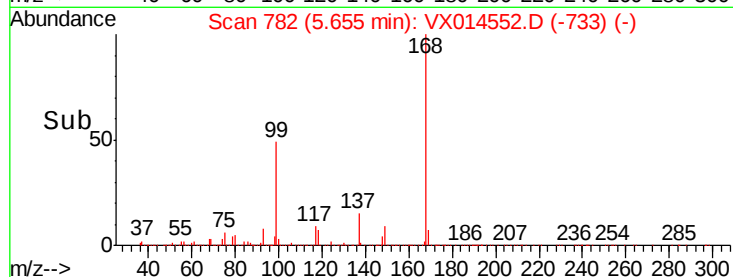
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.595 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014552.D

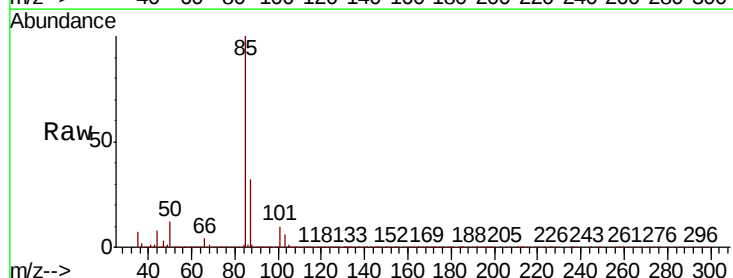
Acq: 10 Jan 2020 22:10

Tgt Ion: 85 Resp: 110762

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

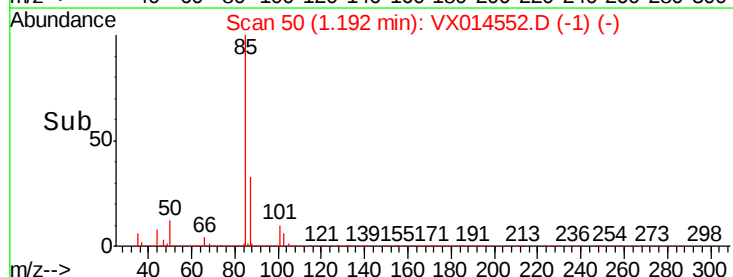
1.19

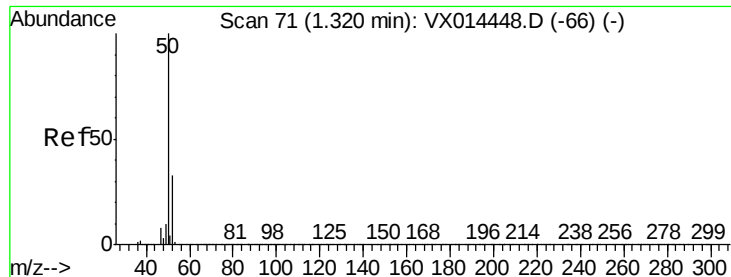
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50000

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Time-->





#3

Chloromethane

Concen: 20.206 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

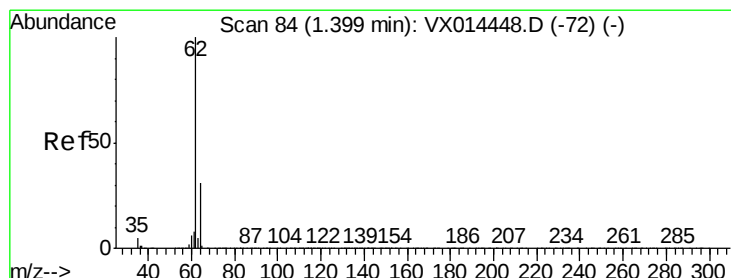
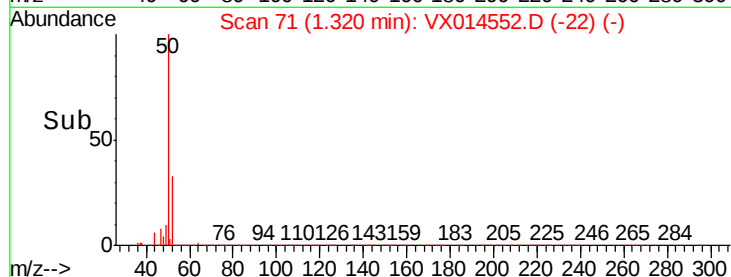
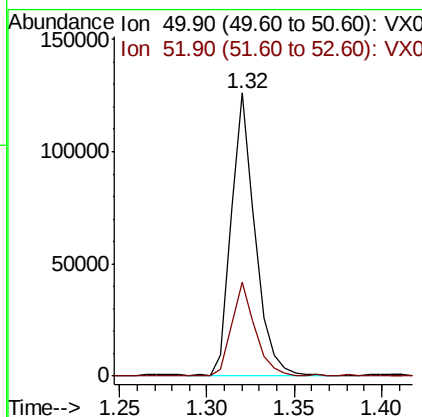
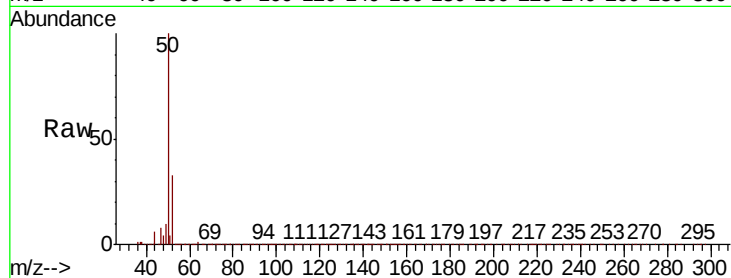
VX0110WBS02

Tot Ion: 50 Resp: 118196

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 20.665 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014552.D

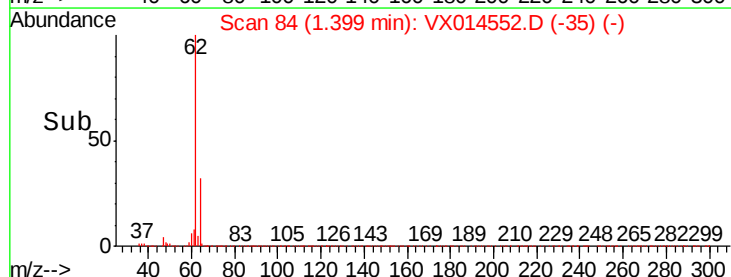
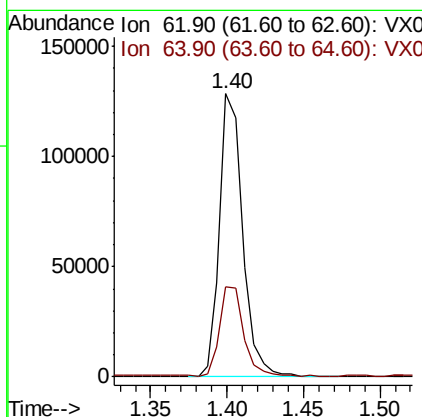
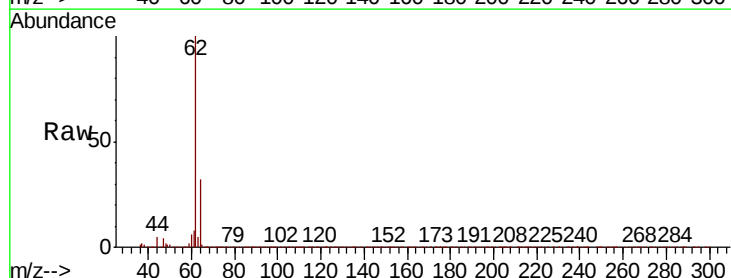
Acq: 10 Jan 2020 22:10

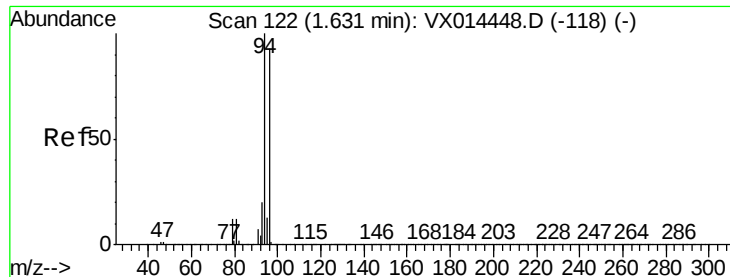
Tgt Ion: 62 Resp: 134697

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0





#5

Bromomethane

Concen: 18.333 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

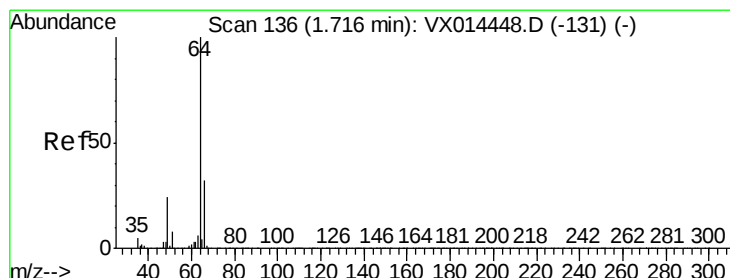
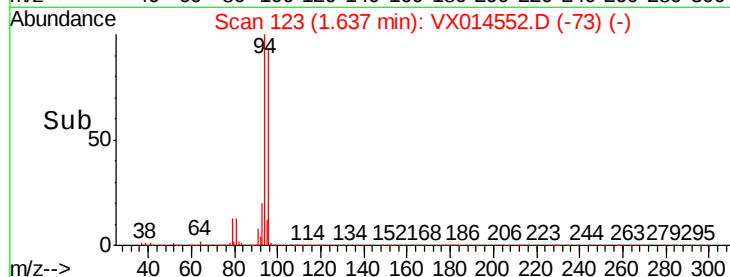
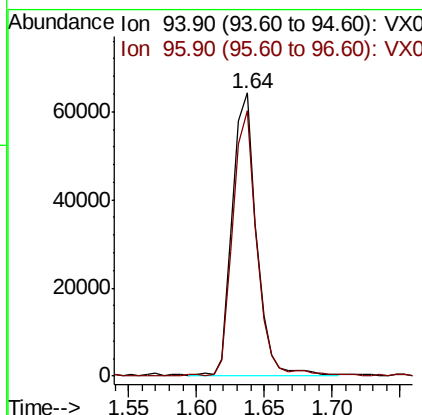
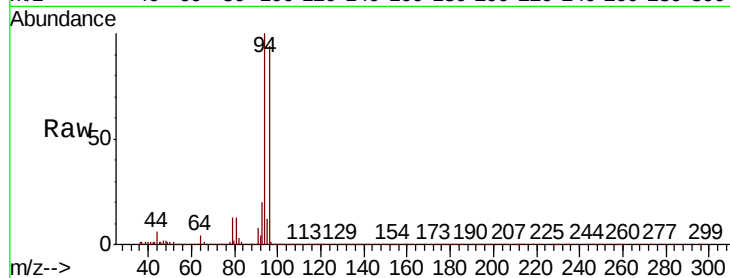
VX0110WBS02

Tot Ion: 94 Resp: 79211

Ion Ratio Lower Upper

94 100

96 93.6 74.2 111.2



#6

Chloroethane

Concen: 20.761 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014552.D

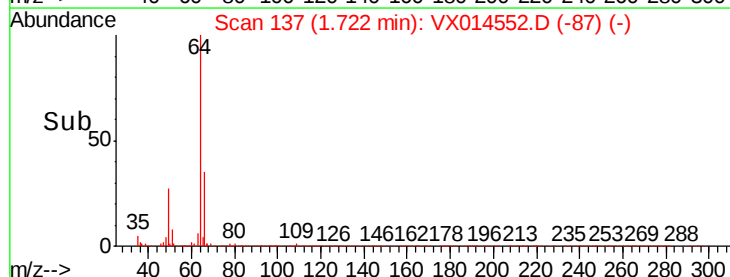
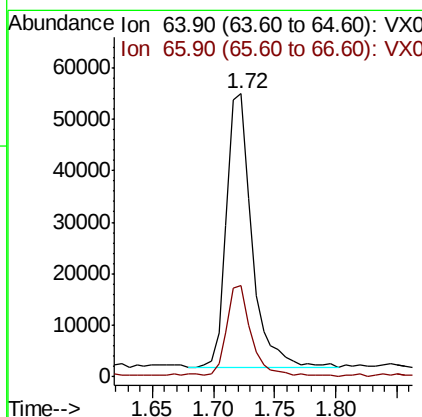
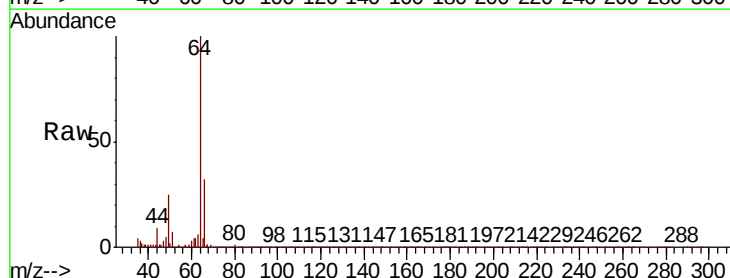
Acq: 10 Jan 2020 22:10

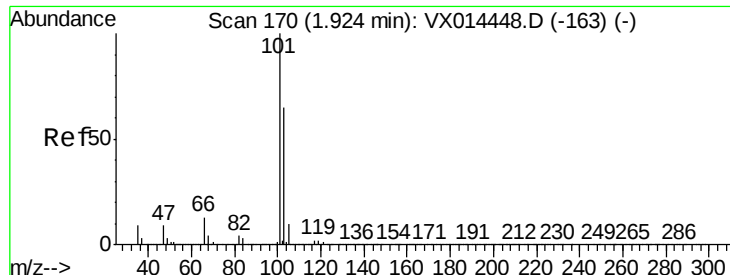
Tgt Ion: 64 Resp: 76416

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9



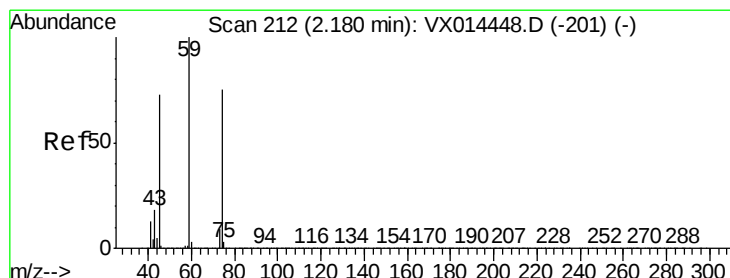
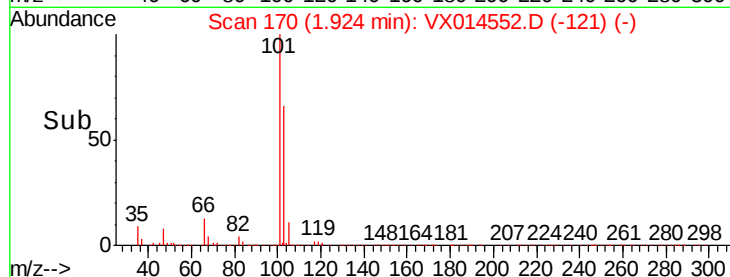
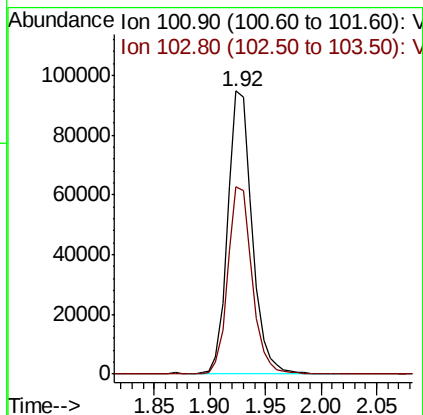
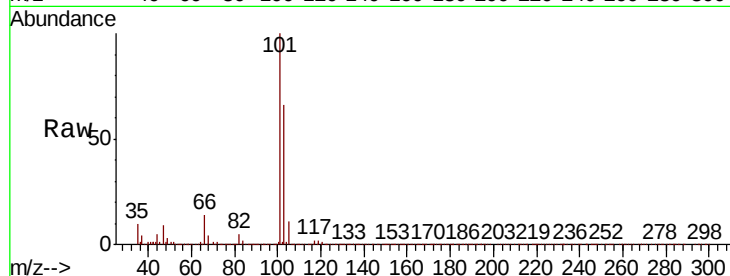


#7

Trichlorofluoromethane
 Concen: 19.344 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

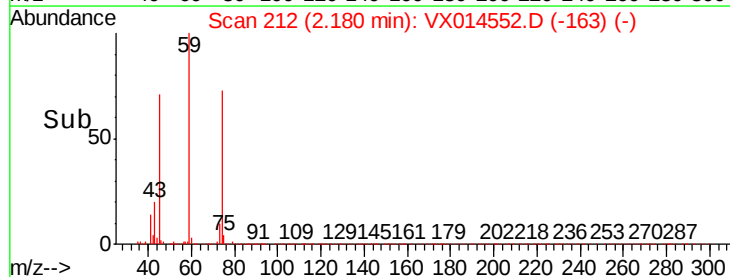
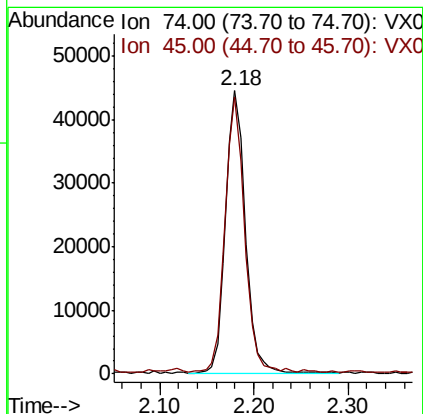
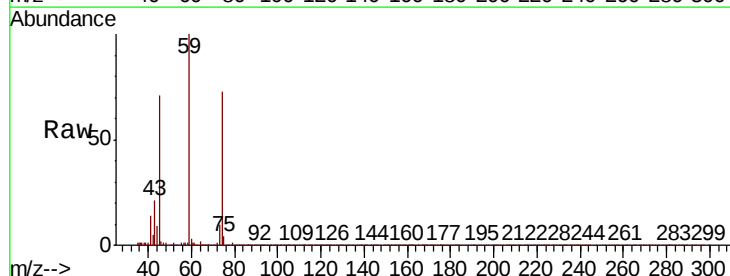
Tot Ion:101 Resp: 143028
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.4

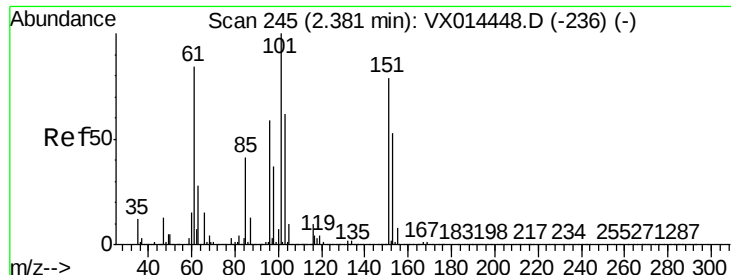


#8

Diethyl Ether
 Concen: 19.607 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion: 74 Resp: 66142
 Ion Ratio Lower Upper
 74 100
 45 93.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.641 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

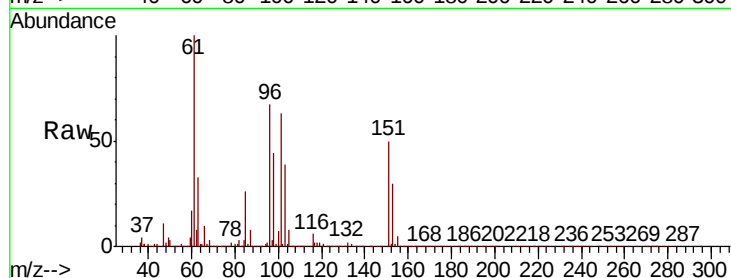
Tot Ion:101 Resp: 83856

Ion Ratio Lower Upper

101 100

85 42.4 33.8 50.8

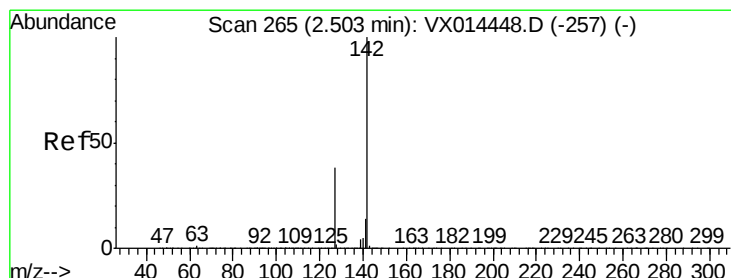
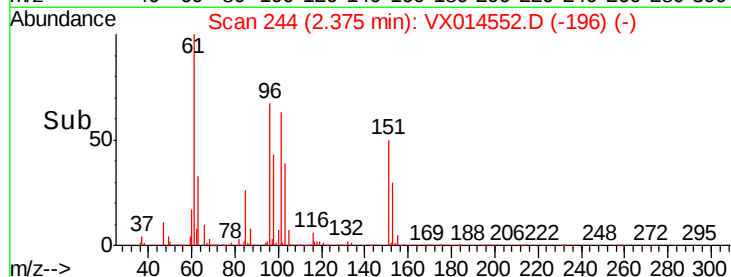
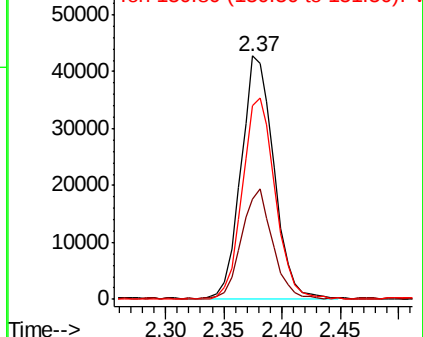
151 83.4 65.3 97.9



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: 18.895 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

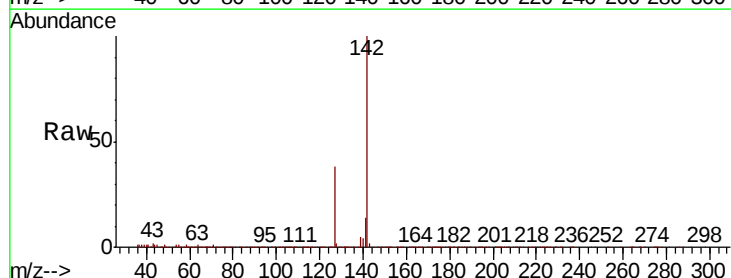
Tgt Ion:142 Resp: 101779

Ion Ratio Lower Upper

142 100

127 38.3 31.2 46.8

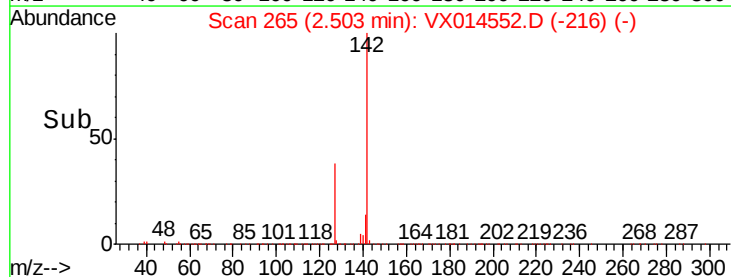
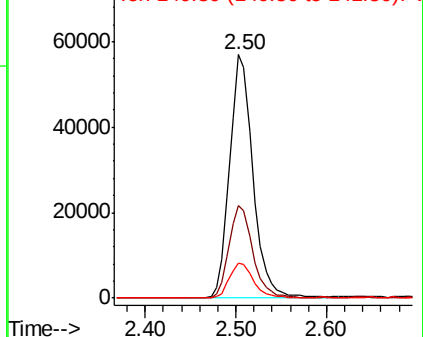
141 15.2 11.4 17.2

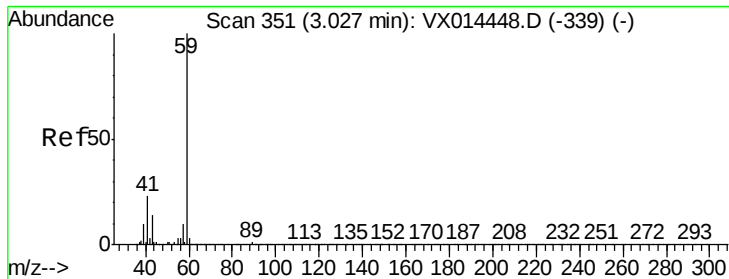


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

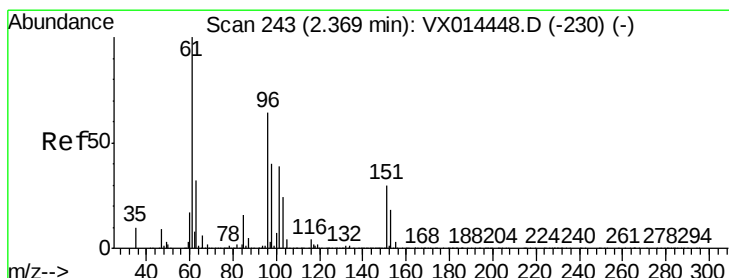
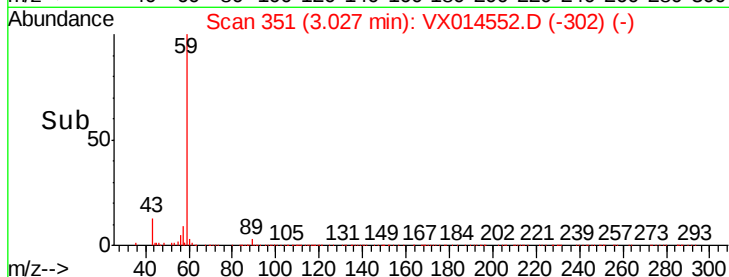
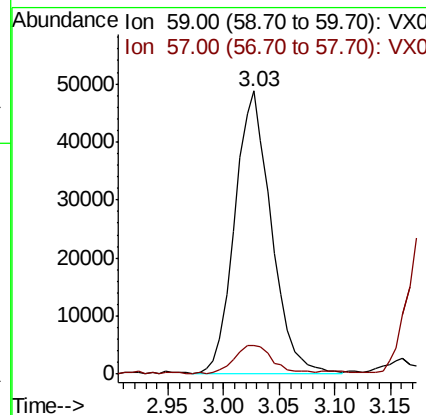
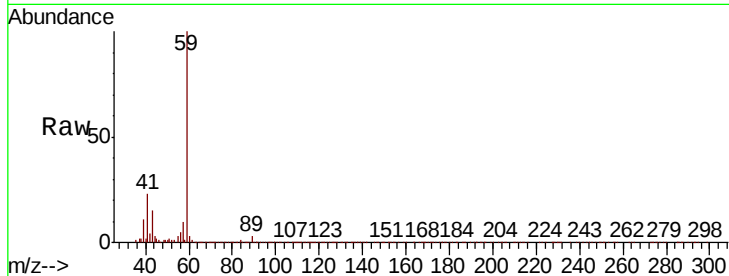




#11
Tert butyl alcohol
Concen: 103.024 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

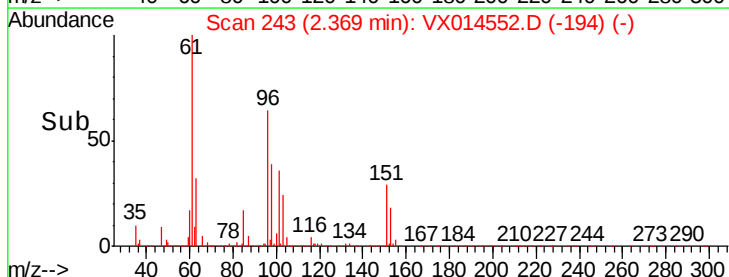
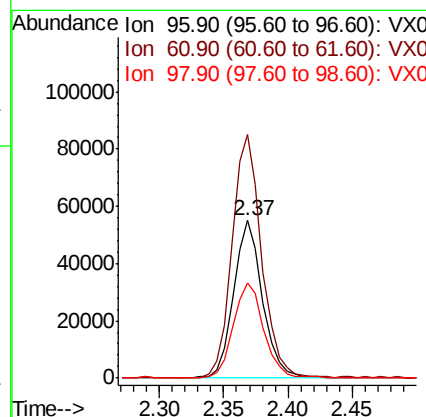
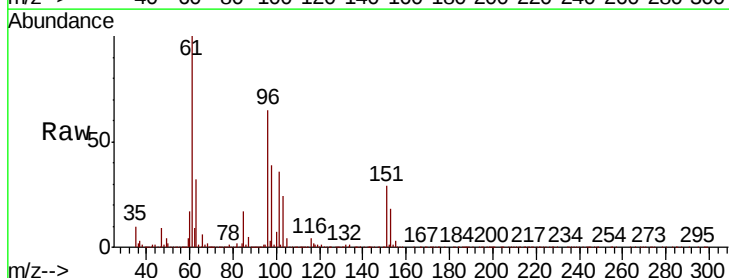
Instrument :
MSVOA_X
ClientSampled :
VX0110WBS02

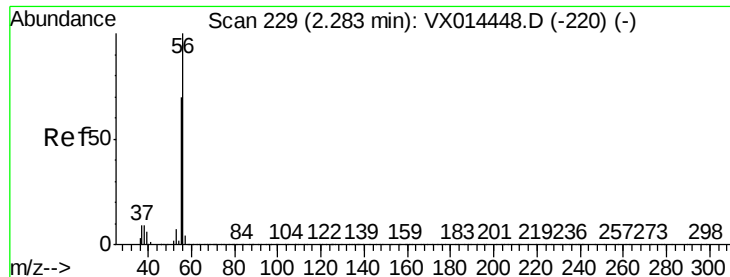
Tot Ion: 59 Resp: 110198
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.826 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 96 Resp: 85324
Ion Ratio Lower Upper
96 100
61 154.0 125.0 187.6
98 60.2 50.2 75.2





#13

Acrolein

Concen: 82.652 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

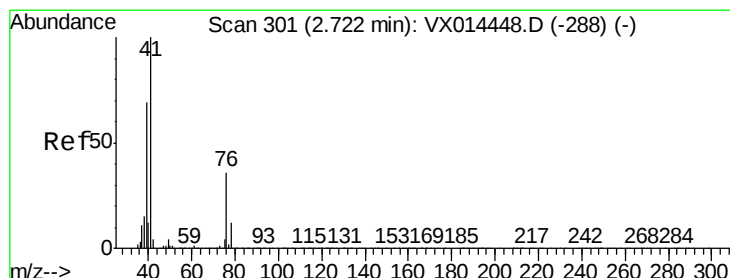
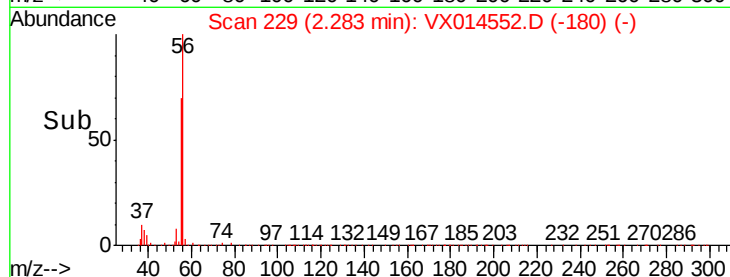
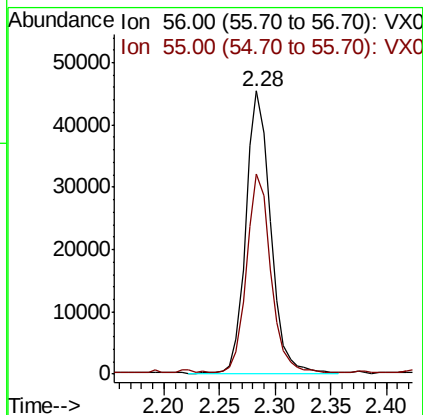
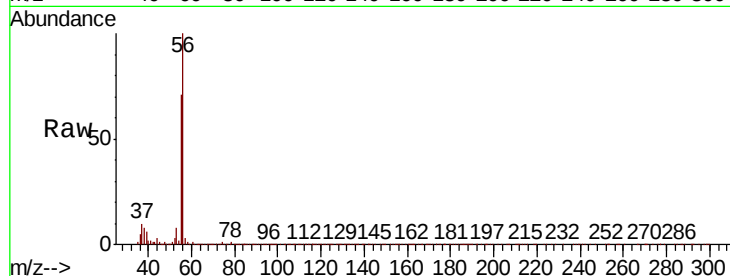
VX0110WBS02

Tot Ion: 56 Resp: 70861

Ion Ratio Lower Upper

56 100

55 68.5 55.0 82.6



#14

Allyl chloride

Concen: 19.000 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

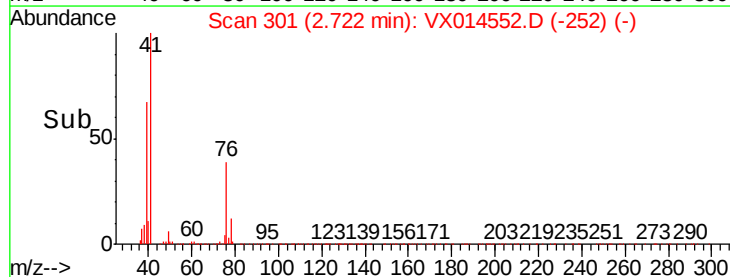
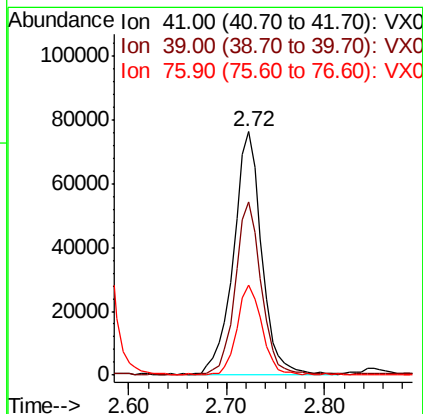
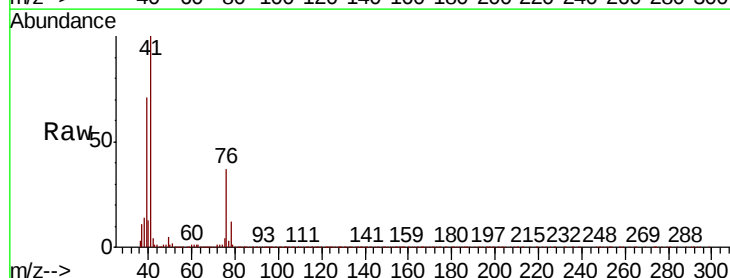
Tgt Ion: 41 Resp: 151188

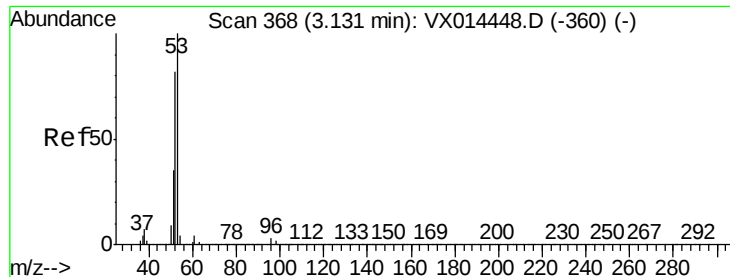
Ion Ratio Lower Upper

41 100

39 66.8 51.7 77.5

76 32.1 26.8 40.2





#15

Acrylonitrile

Concen: 101.019 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

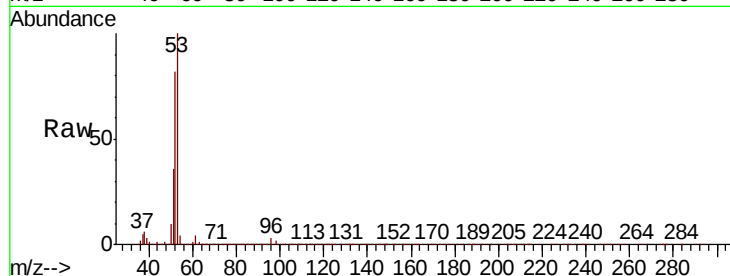
Tot Ion: 53 Resp: 260791

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

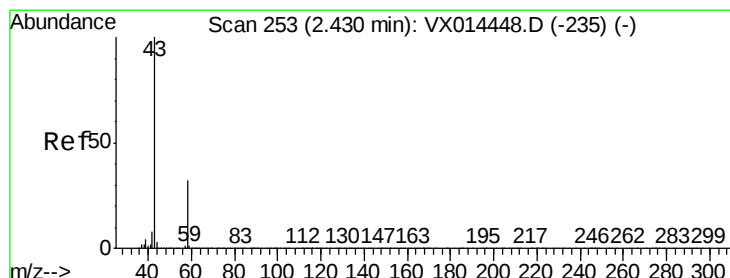
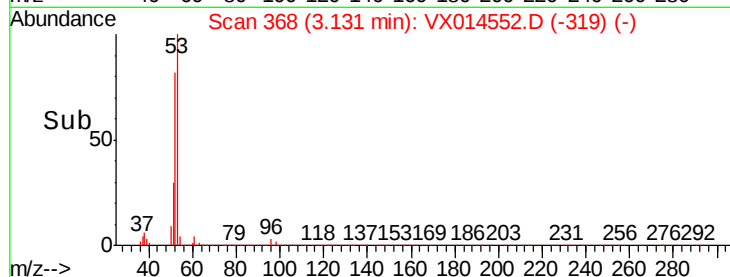
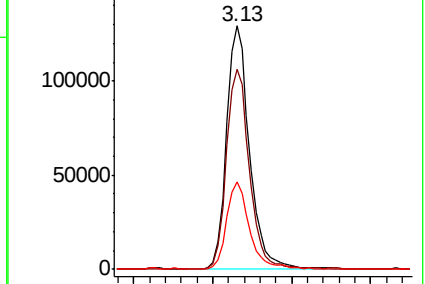
51 35.5 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 111.424 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014552.D

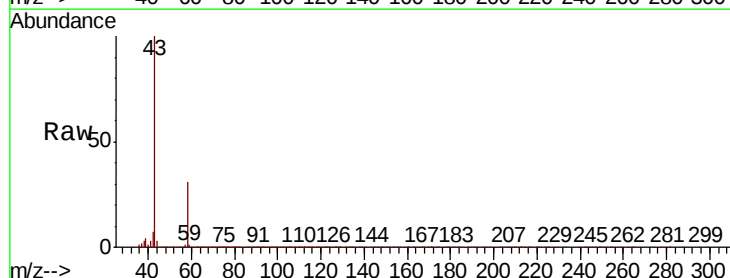
Acq: 10 Jan 2020 22:10

Tgt Ion: 43 Resp: 292150

Ion Ratio Lower Upper

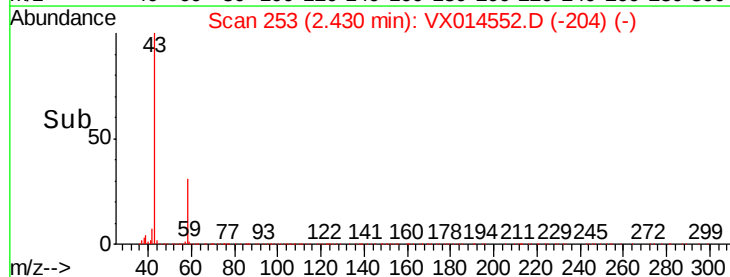
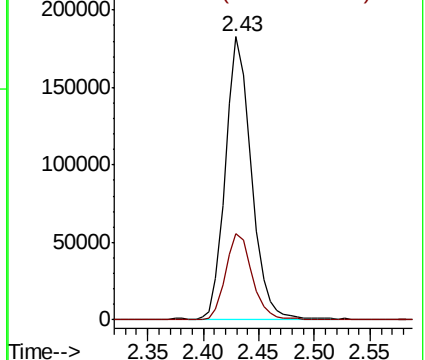
43 100

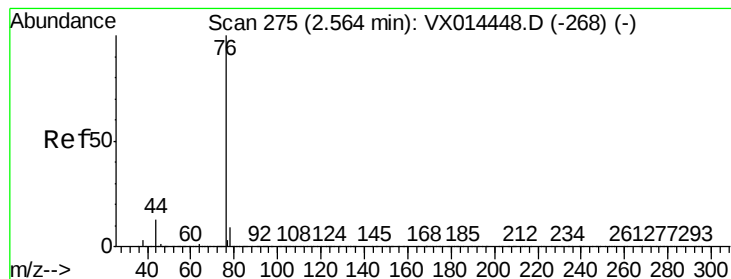
58 30.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.622 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

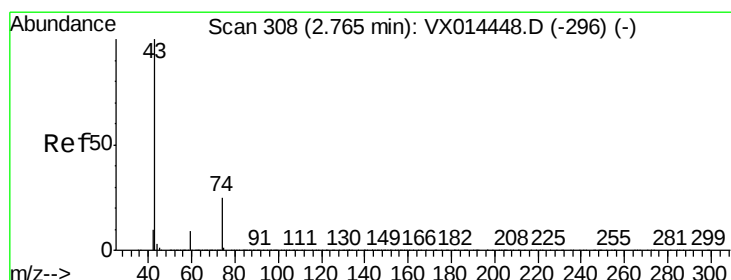
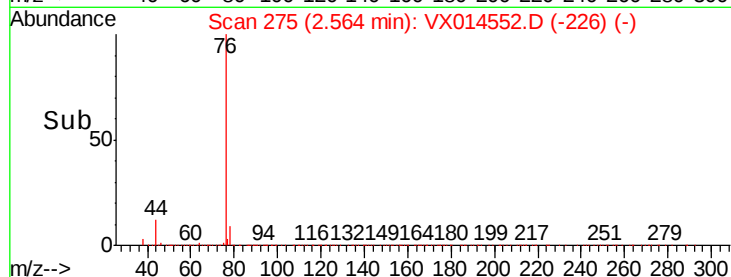
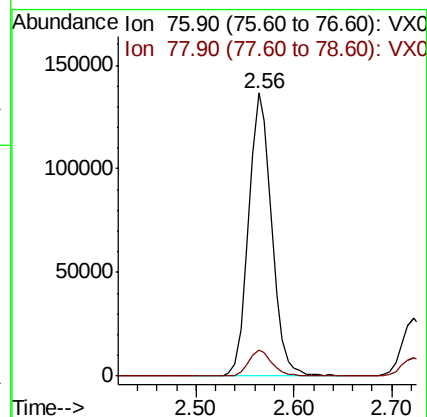
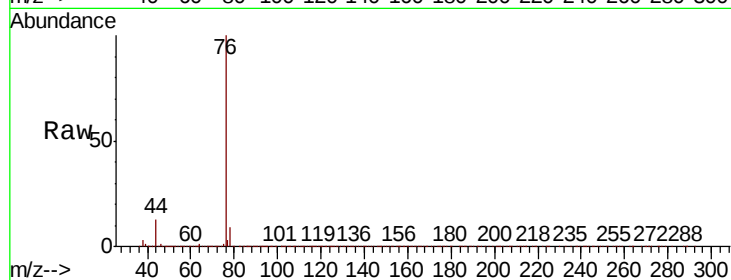
VX0110WBS02

Tot Ion: 76 Resp: 222850

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



#18

Methyl Acetate

Concen: 21.918 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014552.D

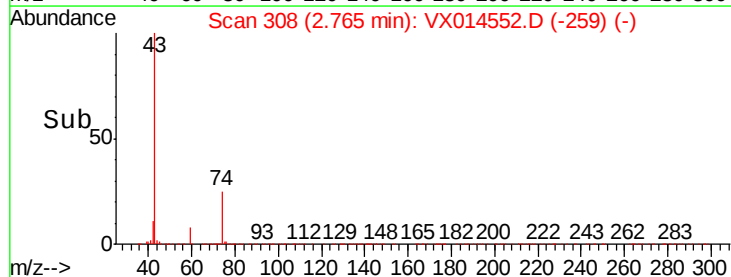
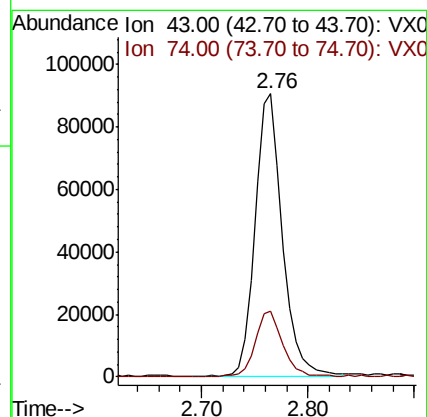
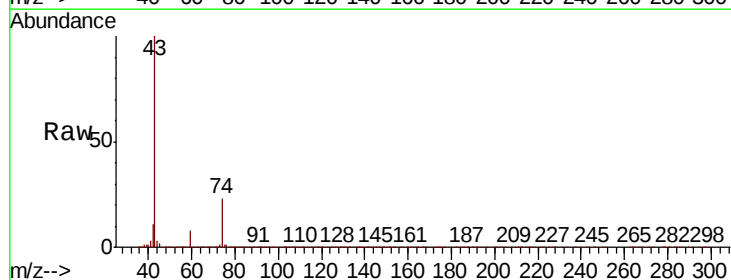
Acq: 10 Jan 2020 22:10

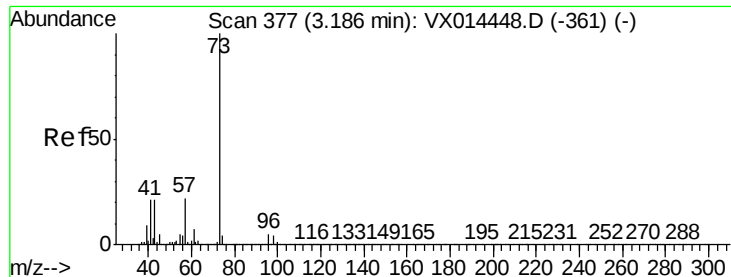
Tgt Ion: 43 Resp: 161377

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2

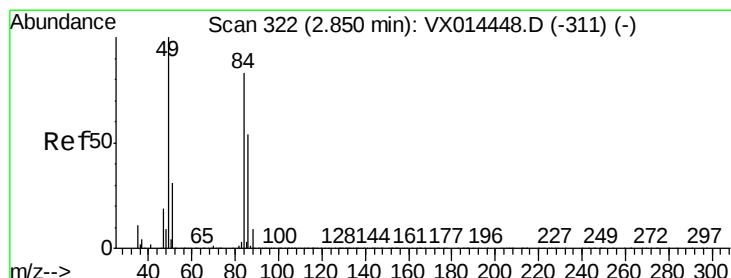
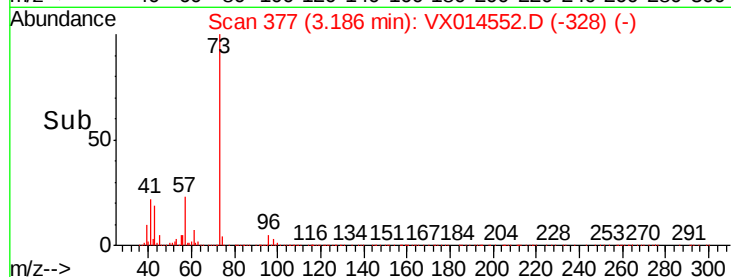
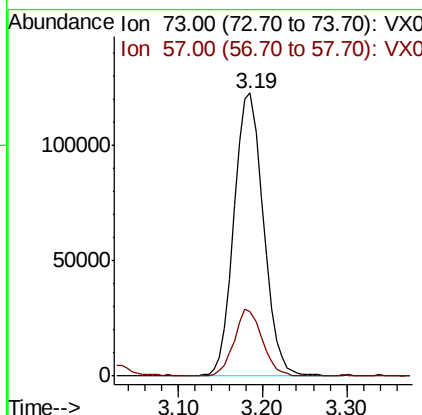
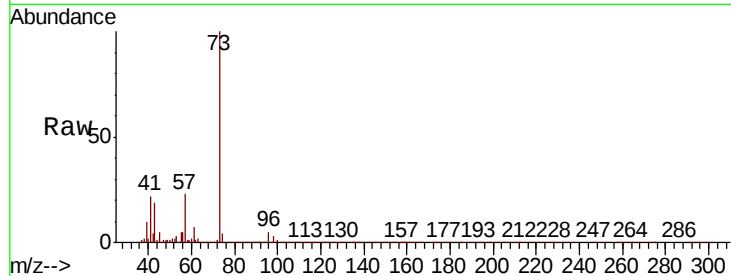




#19
Methvl tert-butvl Ether
Concen: 19.823 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

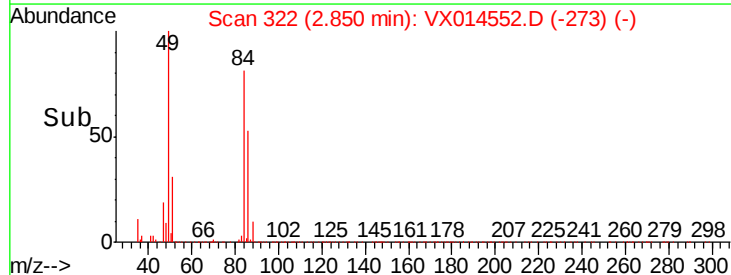
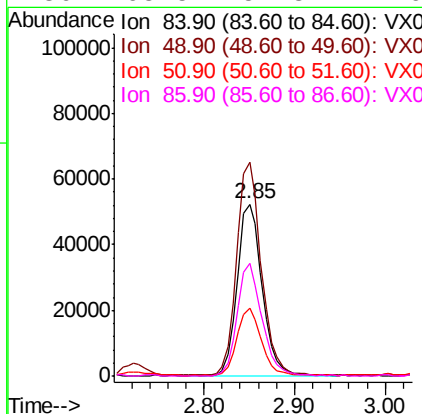
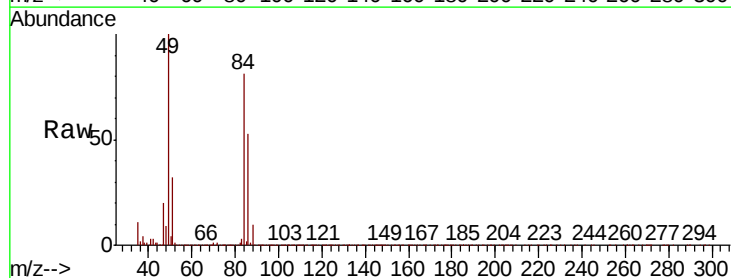
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

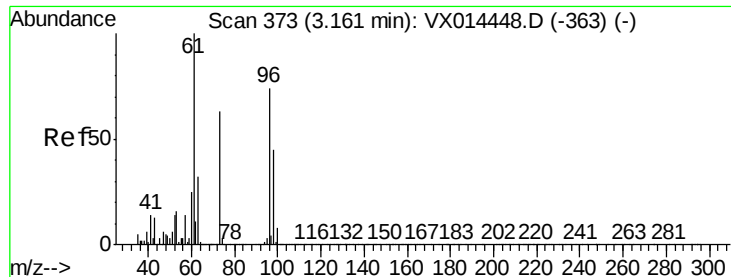
Tot Ion: 73 Resp: 288410
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 19.468 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 84 Resp: 100331
Ion Ratio Lower Upper
84 100
49 123.9 95.8 143.8
51 39.0 30.2 45.4
86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.484 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

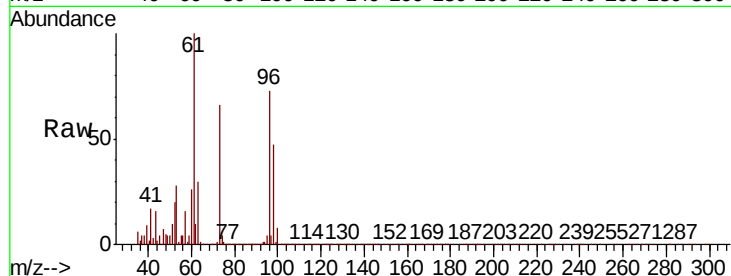
Tot Ion: 96 Resp: 91456

Ion Ratio Lower Upper

96 100

61 136.8 108.2 162.4

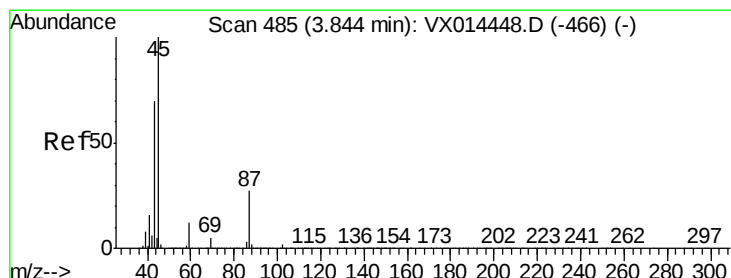
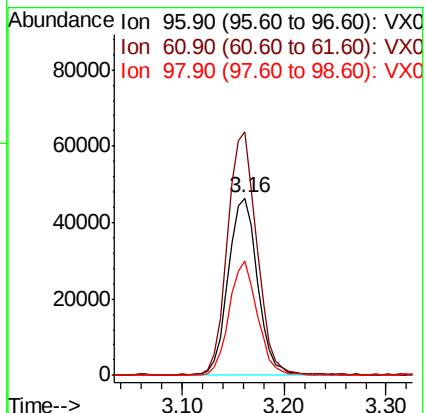
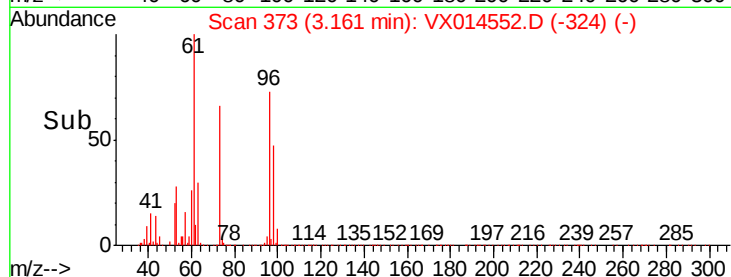
98 64.6 48.8 73.2



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: 20.075 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion: 45 Resp: 308706

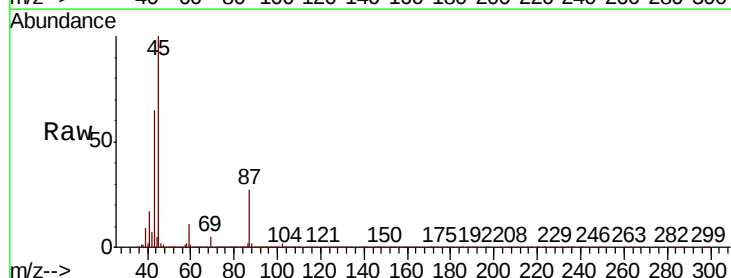
Ion Ratio Lower Upper

45 100

43 63.6 55.8 83.6

87 26.7 21.8 32.8

59 11.2 9.1 13.7

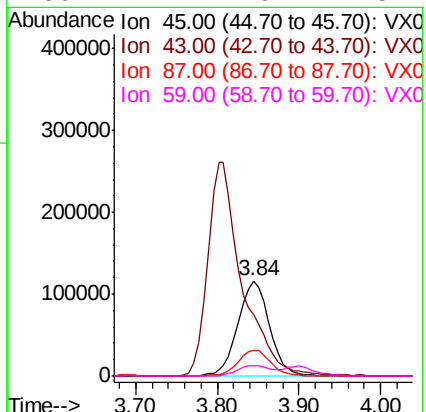
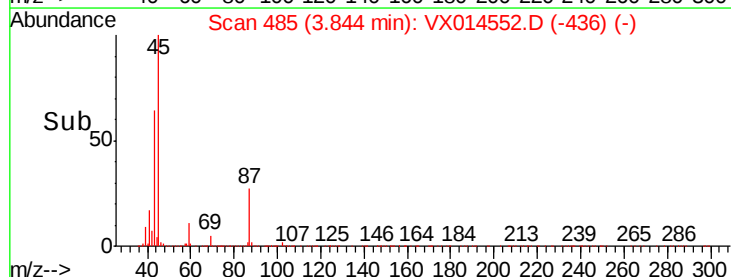


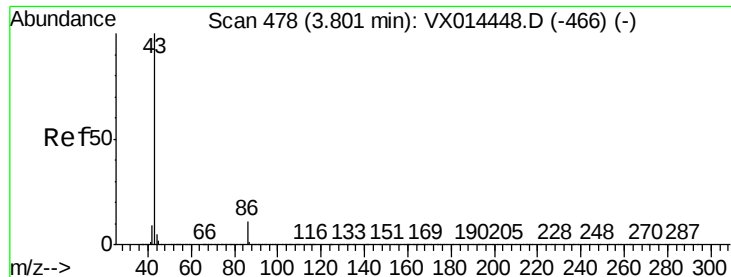
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 64.031 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

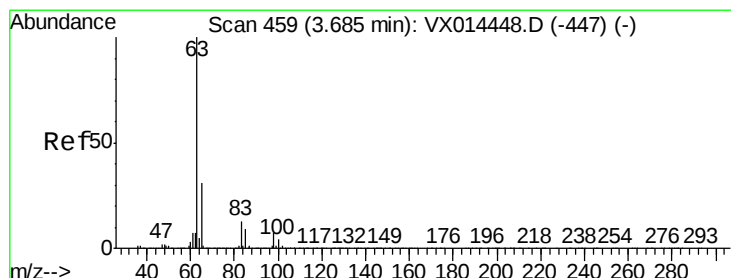
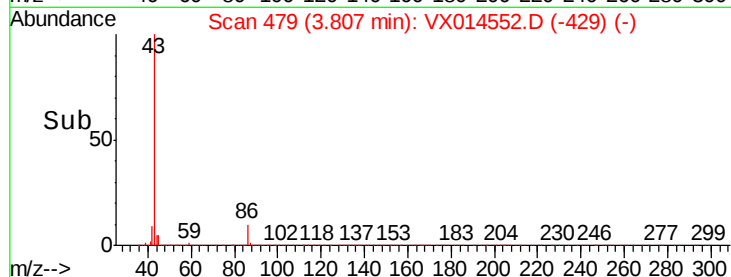
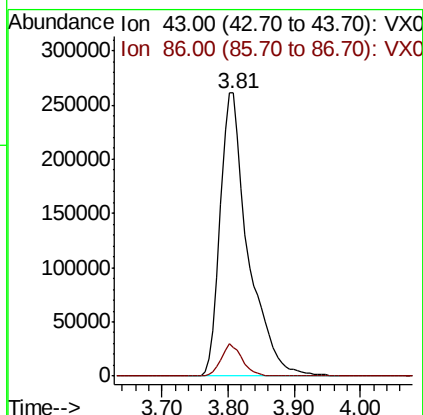
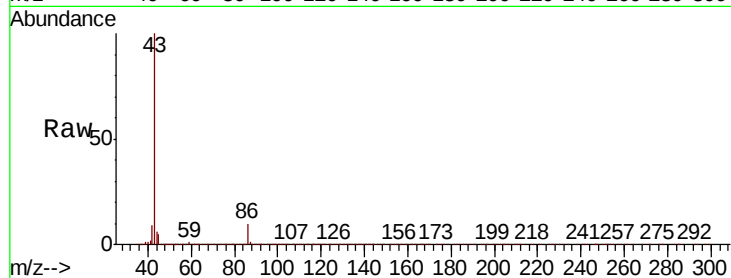
VX0110WBS02

Tot Ion: 43 Resp: 762329

Ion Ratio Lower Upper

43 100

86 10.0 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.991 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

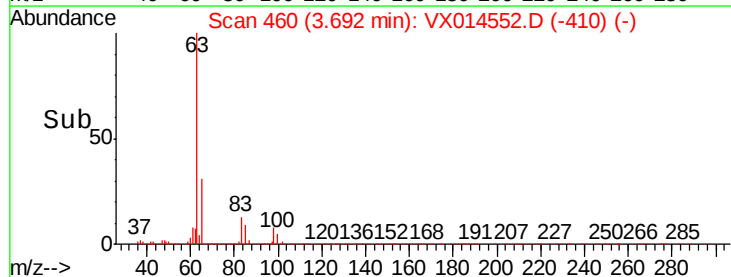
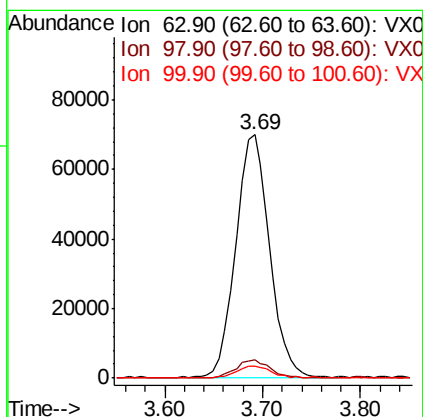
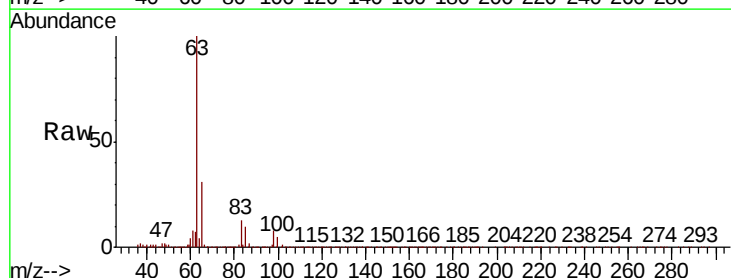
Tgt Ion: 63 Resp: 167226

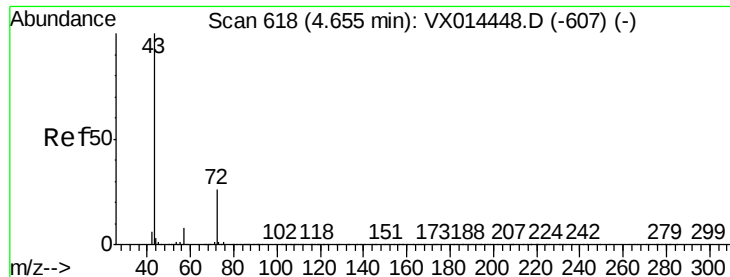
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 102.541 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

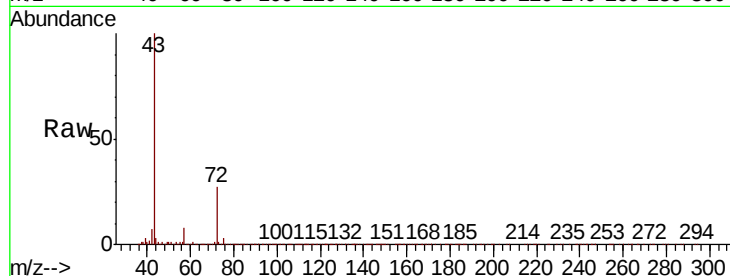
VX0110WBS02

Tot Ion: 43 Resp: 392385

Ion Ratio Lower Upper

43 100

72 26.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

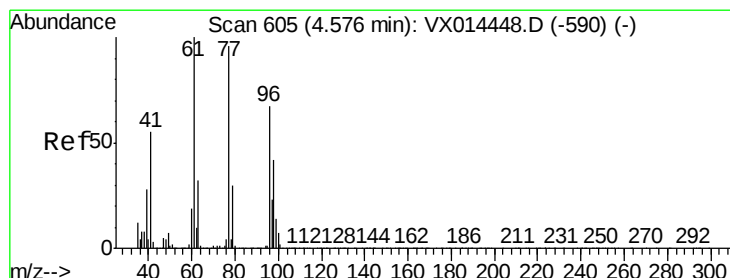
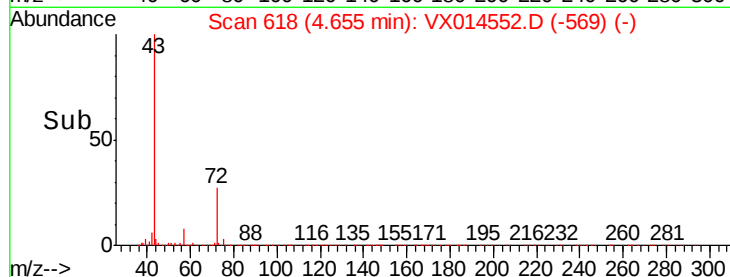
50000

0

4.60 4.70 4.80

4.65

Time-->



#26

2,2-Dichloropropane

Concen: 15.888 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014552.D

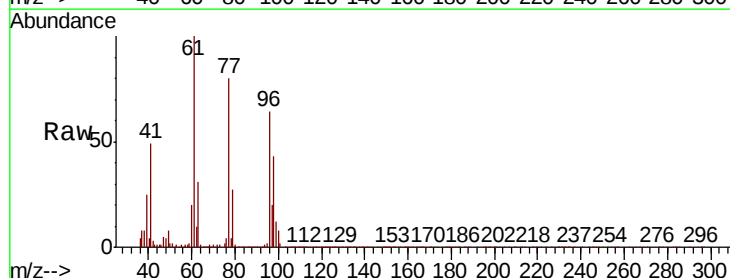
Acq: 10 Jan 2020 22:10

Tgt Ion: 77 Resp: 112585

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

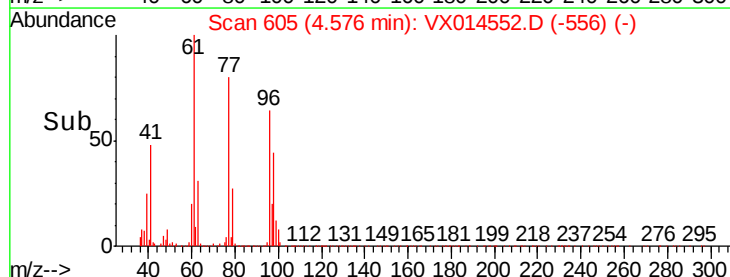
10000

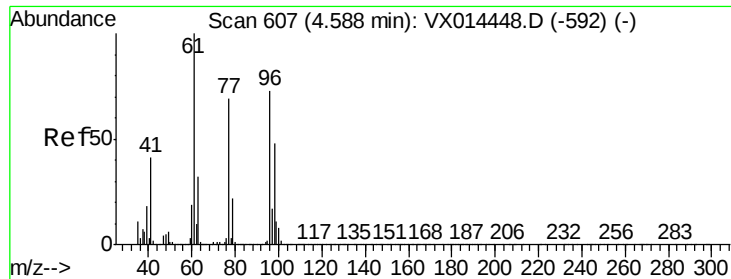
0

4.50 4.60 4.70

4.58

Time-->



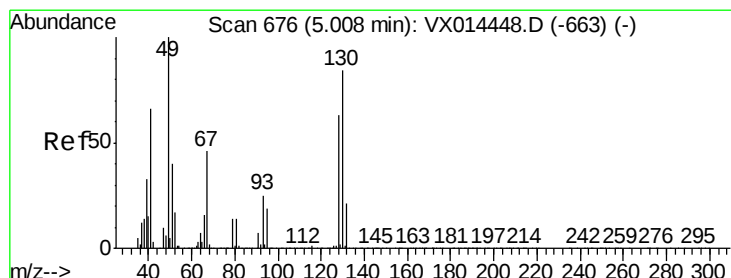
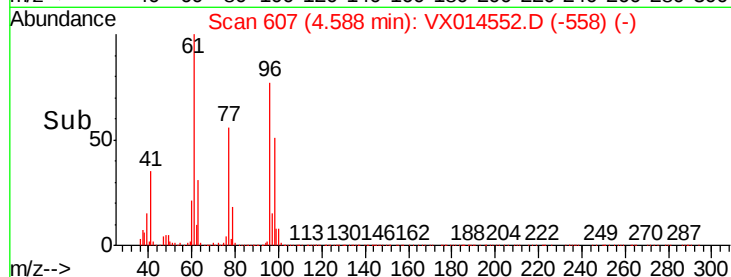
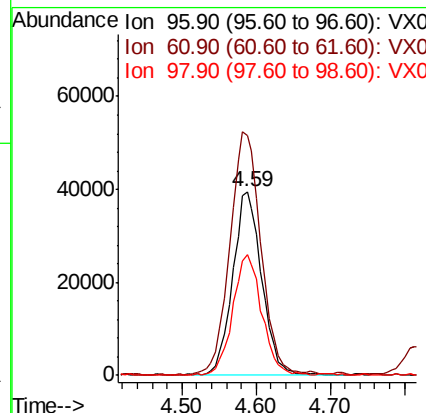
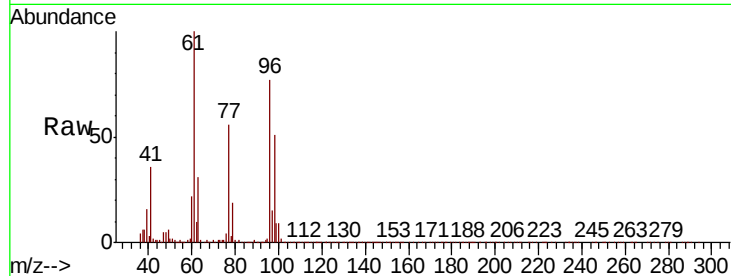


#27

cis-1,2-Dichloroethene
 Concen: 19.551 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

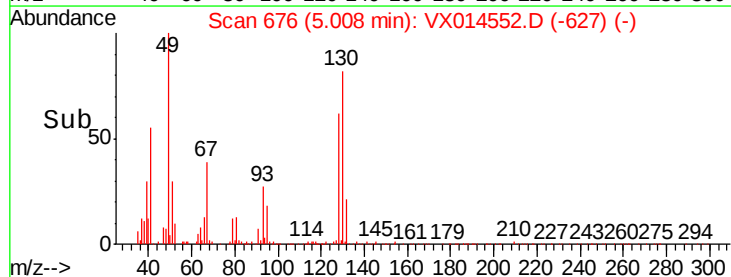
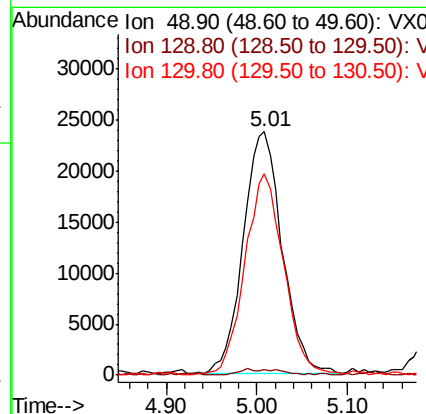
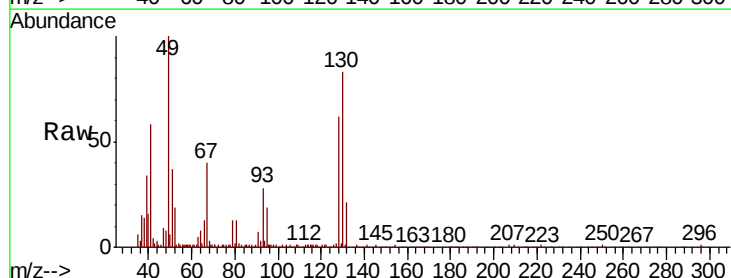
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	285.4
98	65.9	0.0	130.6

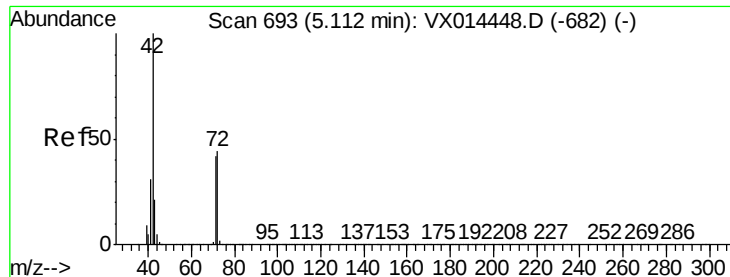


#28

Bromochloromethane
 Concen: 19.932 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.4
130	82.8	67.0	100.4





#29

Tetrahydrofuran

Concen: 103.115 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

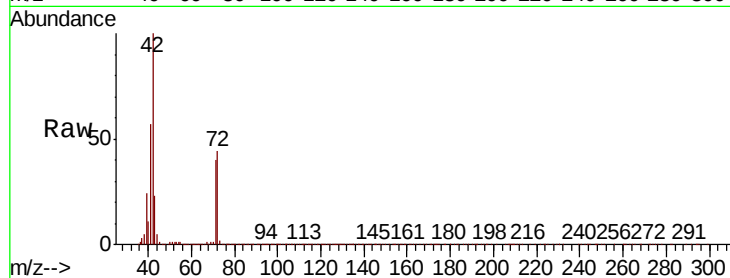
Tot Ion: 42 Resp: 233291

Ion Ratio Lower Upper

42 100

72 45.3 36.2 54.4

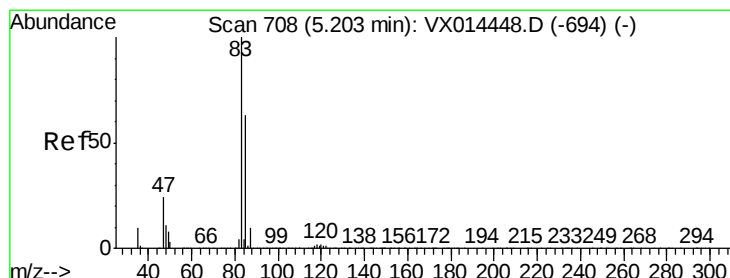
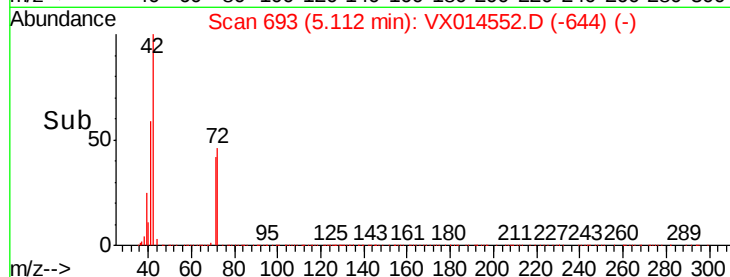
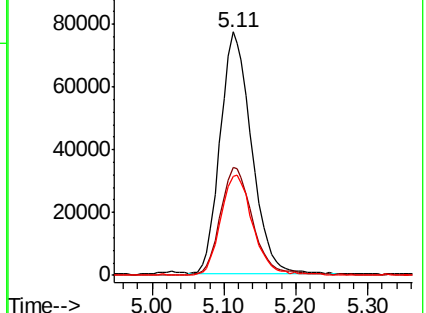
71 42.0 34.1 51.1



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: 20.031 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014552.D

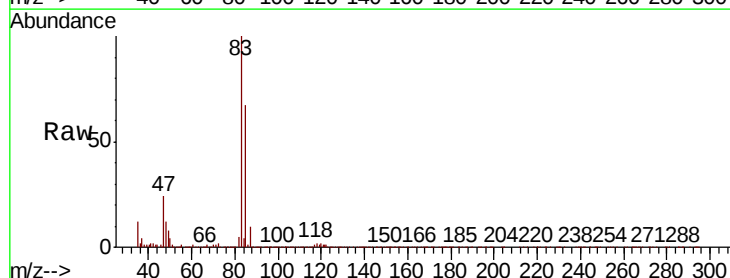
Acq: 10 Jan 2020 22:10

Tgt Ion: 83 Resp: 163743

Ion Ratio Lower Upper

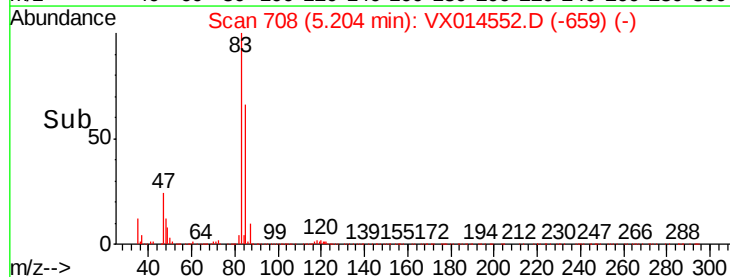
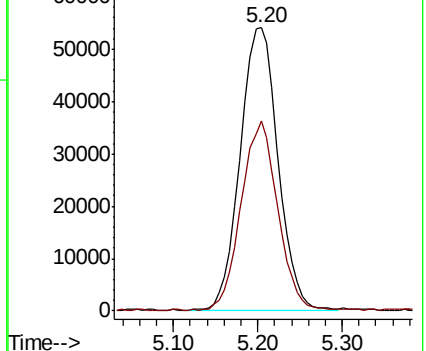
83 100

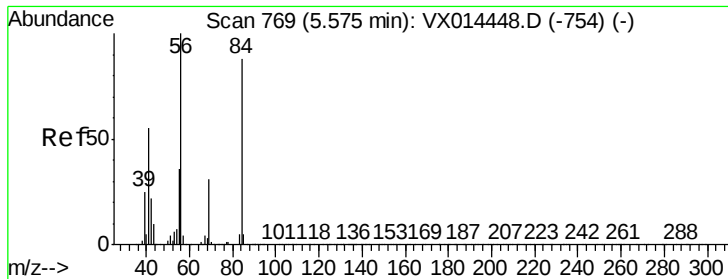
85 67.0 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

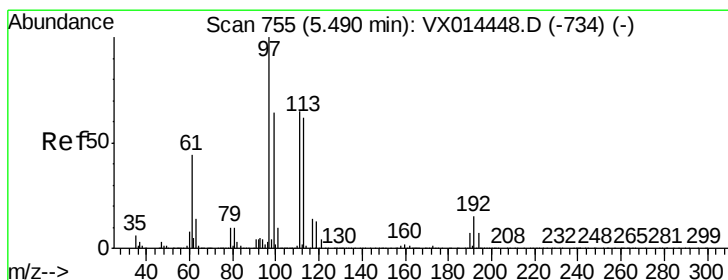
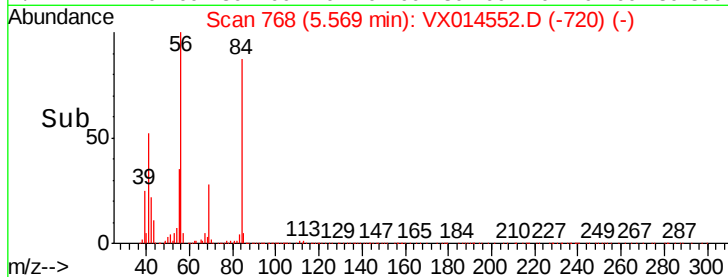
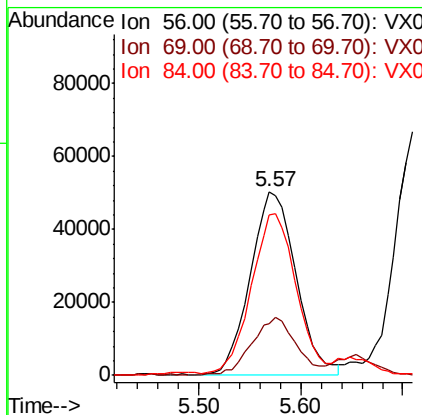
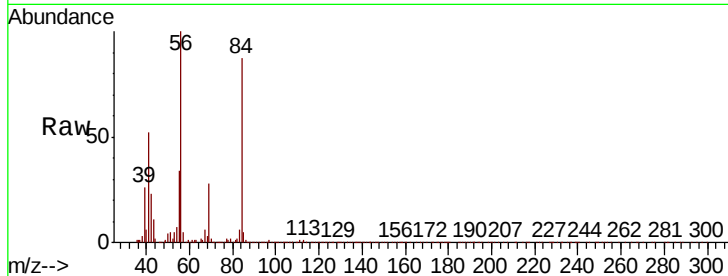




#31
Cyclohexane
Concen: 19.936 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

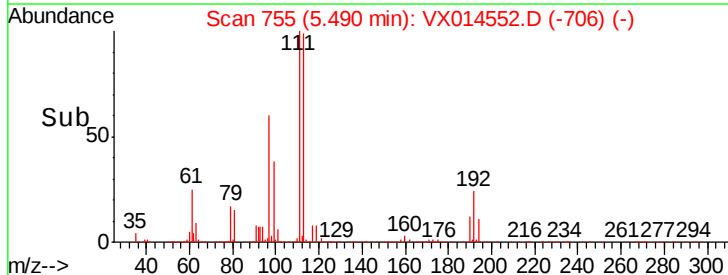
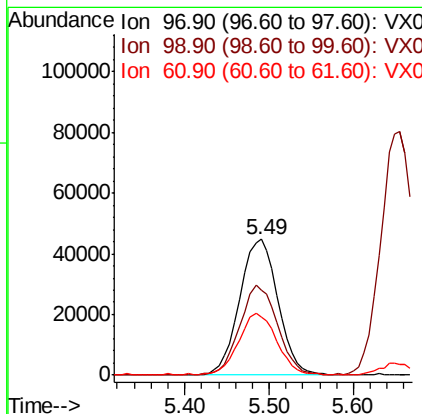
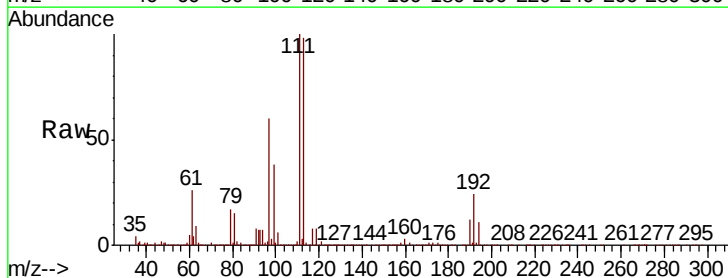
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

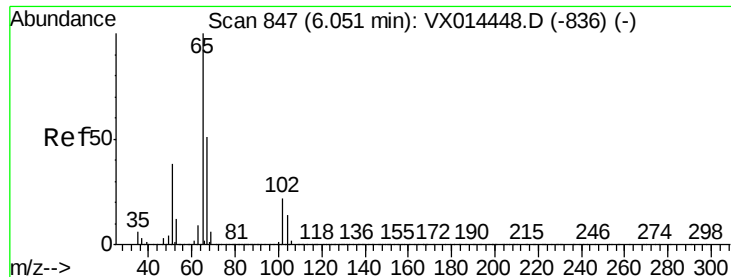
Tot Ion: 56 Resp: 156098
Ion Ratio Lower Upper
56 100
69 28.3 24.4 36.6
84 85.8 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.711 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 97 Resp: 137917
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 44.9 35.9 53.9

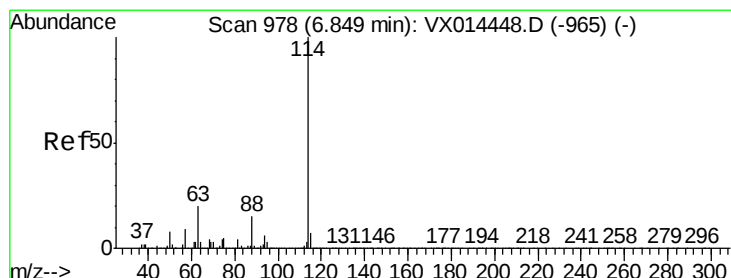
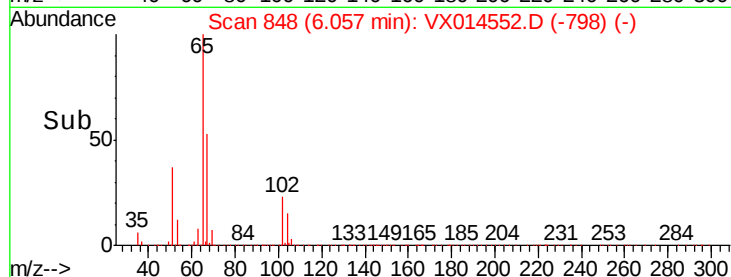
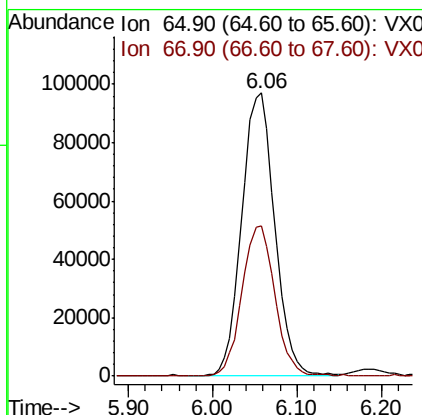
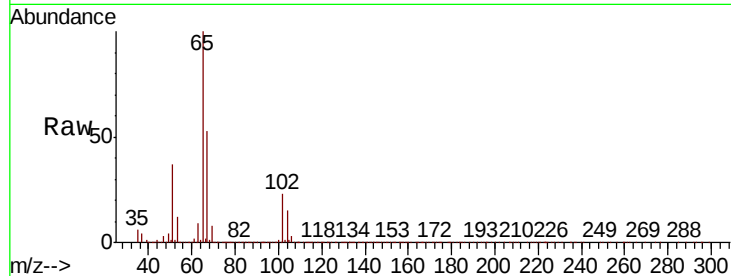




#33
 1,2-Dichloroethane-d4
 Concen: 50.241 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

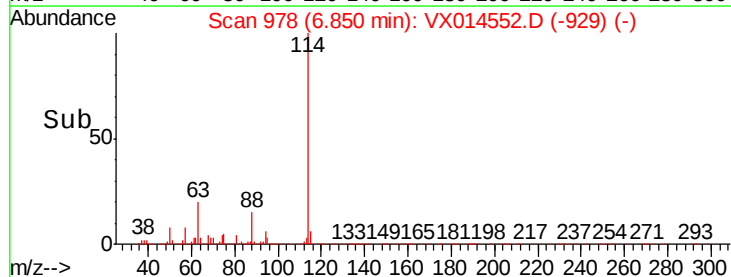
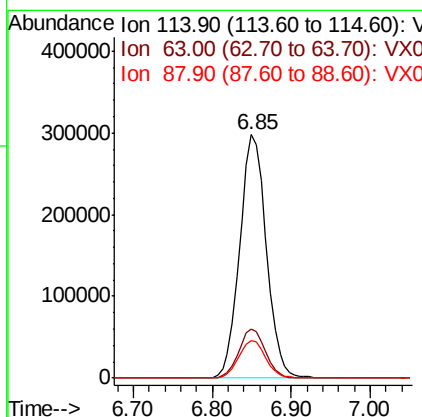
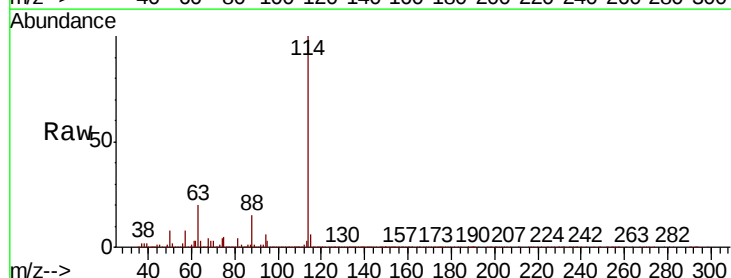
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

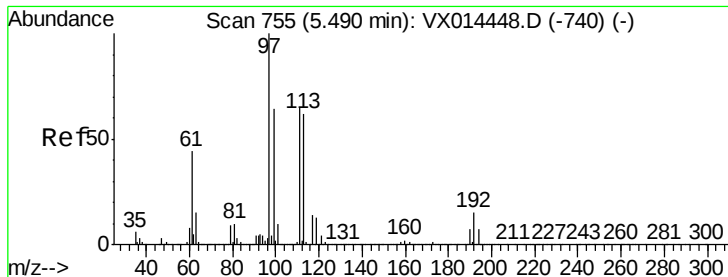
Tot Ion: 65 Resp: 257376
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion: 114 Resp: 699978
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.368 ug/l

RT: 5.49 min Scan# 755

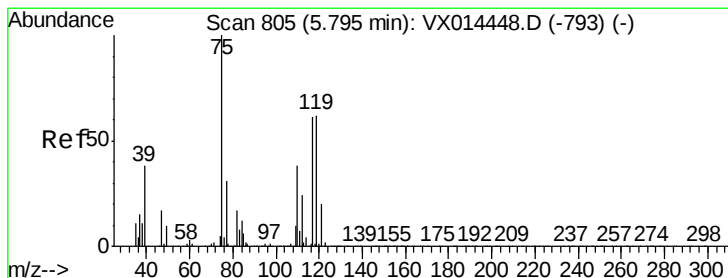
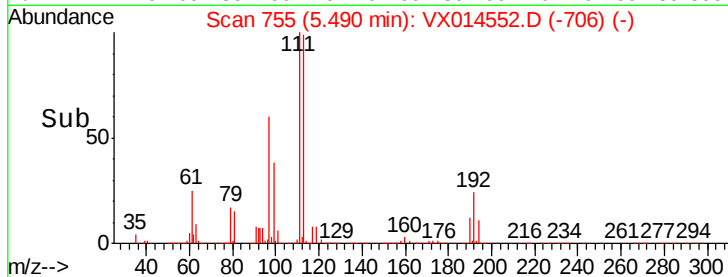
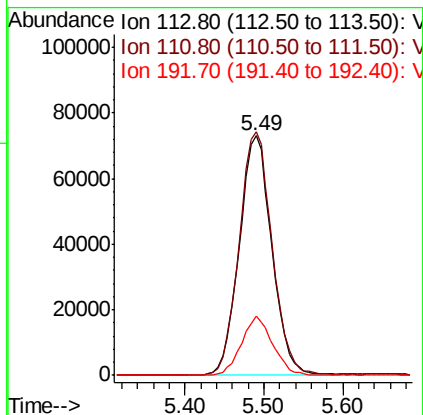
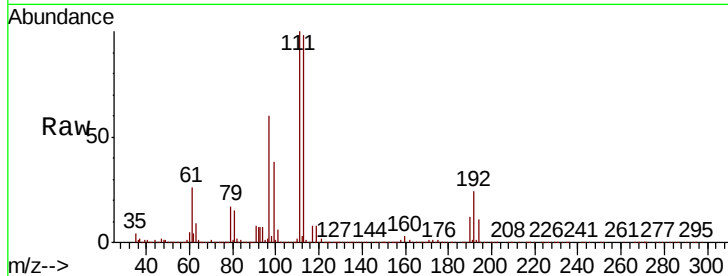
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion:	113	Resp:	209187
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.9	19.2	28.8



#36

1,1-Dichloropropene

Concen: 18.806 ug/l

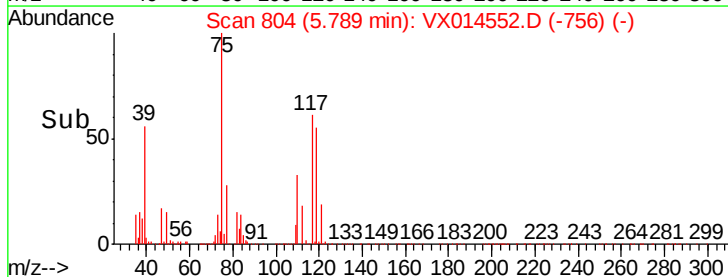
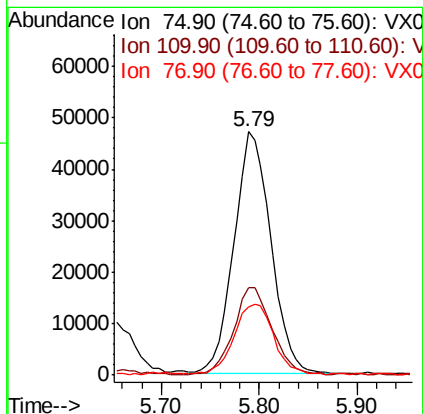
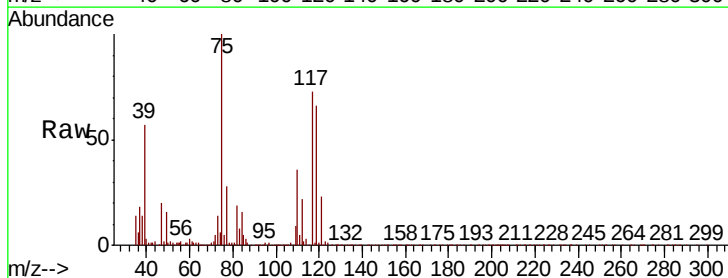
RT: 5.79 min Scan# 804

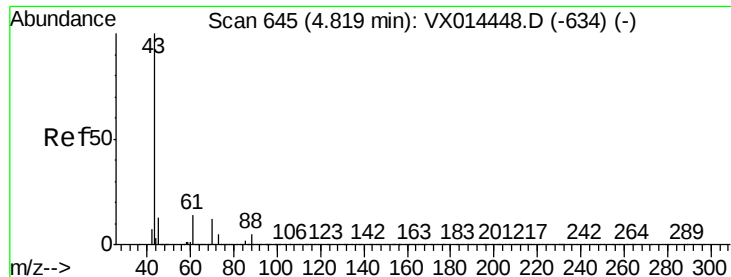
Delta R.T. -0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion:	75	Resp:	123795
Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.6	55.8
77	30.7	24.5	36.7

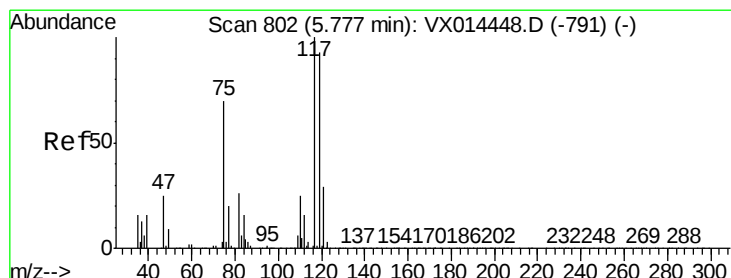
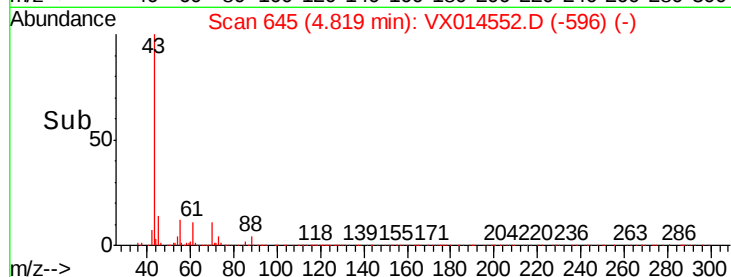
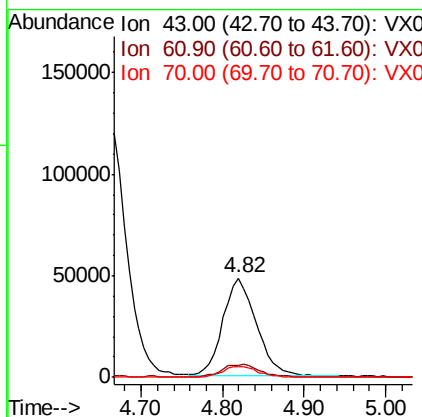
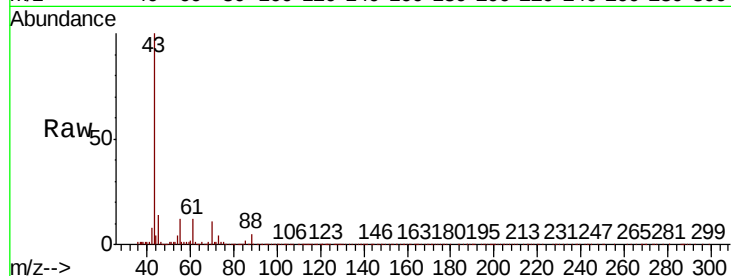




#37
Ethyl Acetate
Concen: 19.512 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

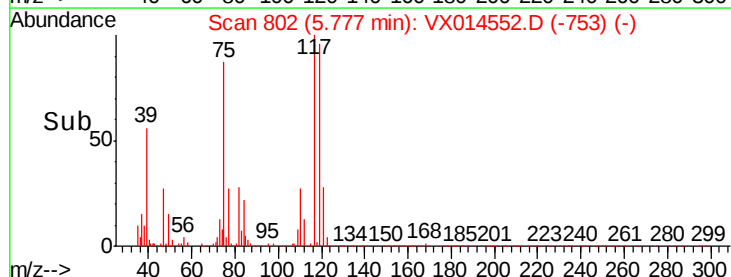
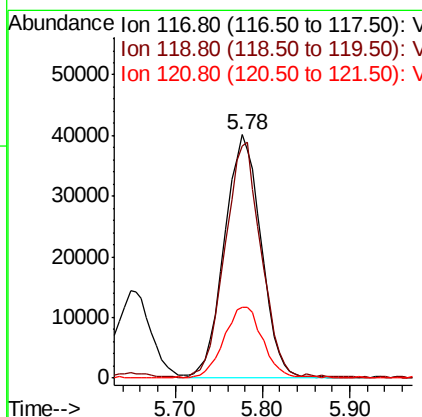
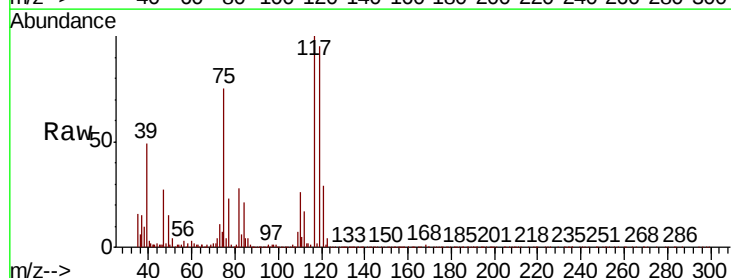
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

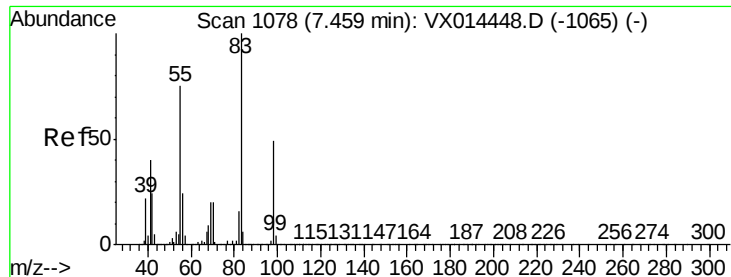
Tot Ion: 43 Resp: 139515
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 11.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 117 Resp: 116529
Ion Ratio Lower Upper
117 100
119 95.1 73.8 110.8
121 28.6 23.4 35.0

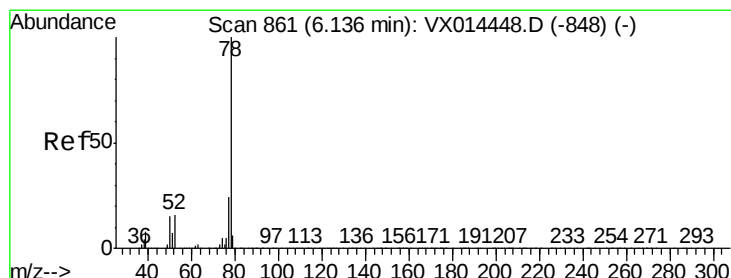
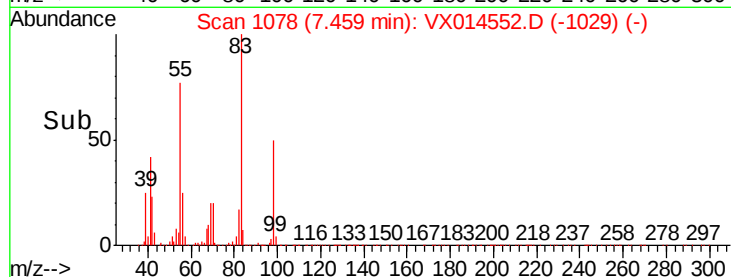
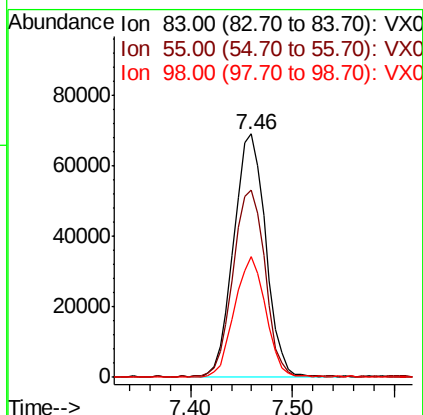
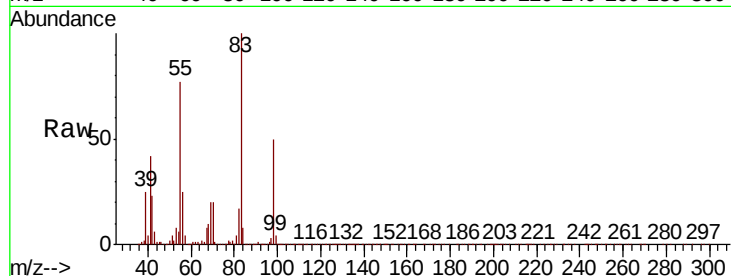




#39
Methvlcvclohexane
Concen: 18.095 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

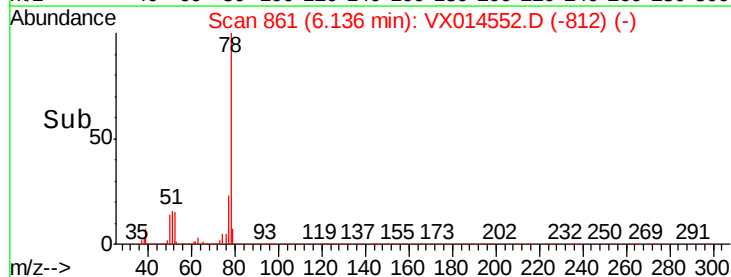
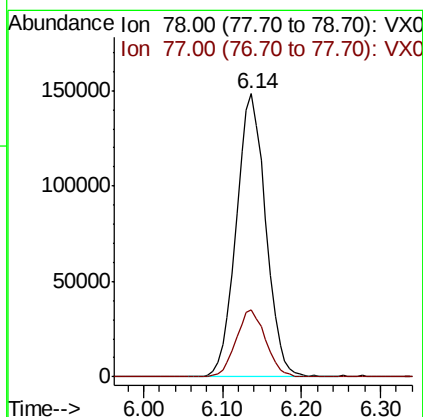
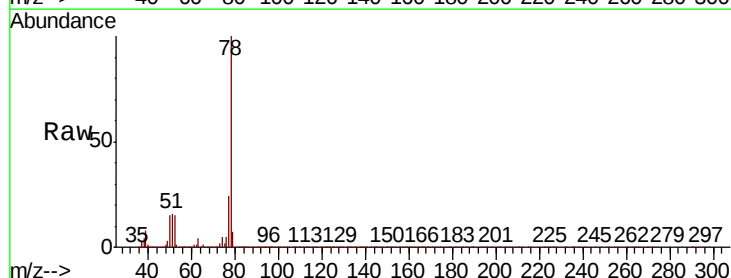
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

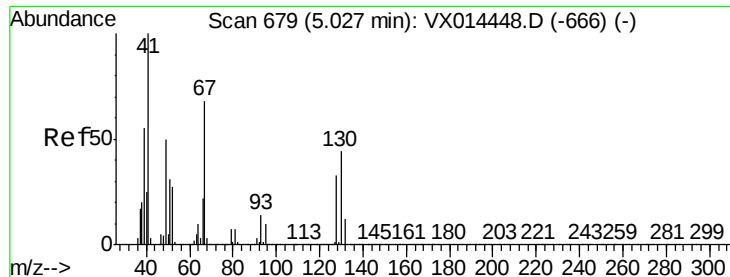
Tot Ion: 83 Resp: 149648
Ion Ratio Lower Upper
83 100
55 76.9 59.7 89.5
98 49.4 39.1 58.7



#40
Benzene
Concen: 19.716 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 78 Resp: 385203
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

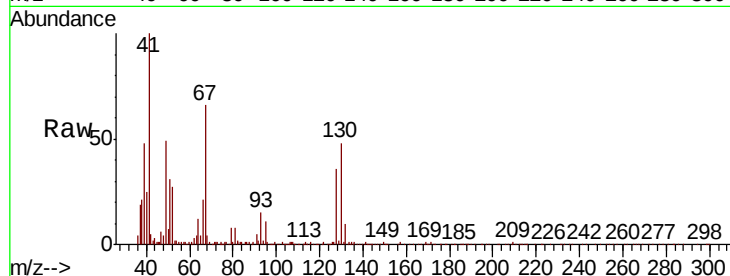




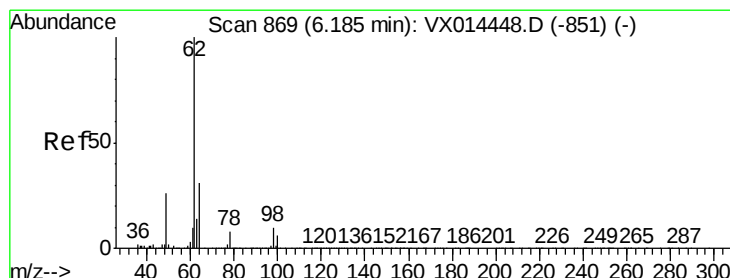
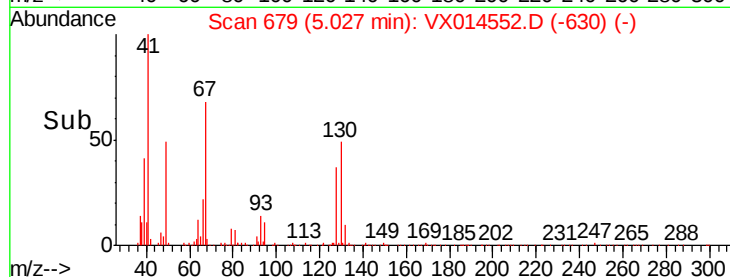
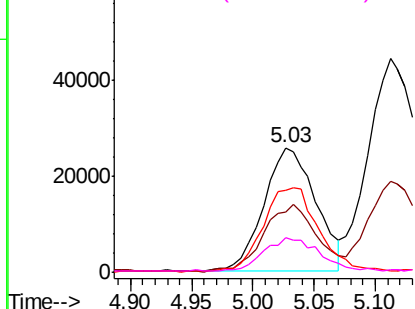
#41
Methacrylonitrile
Concen: 20.093 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion:	41	Resp:	76616
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.6	65.4
67	72.1	57.9	86.9
52	27.6	23.0	34.6

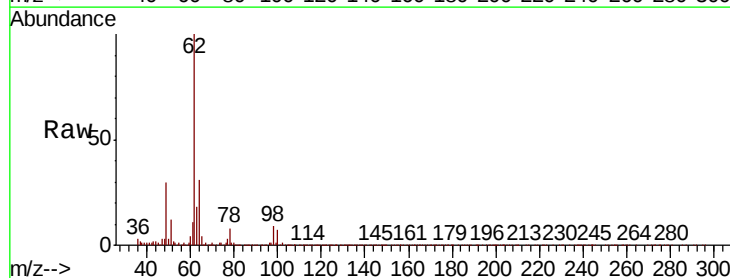


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

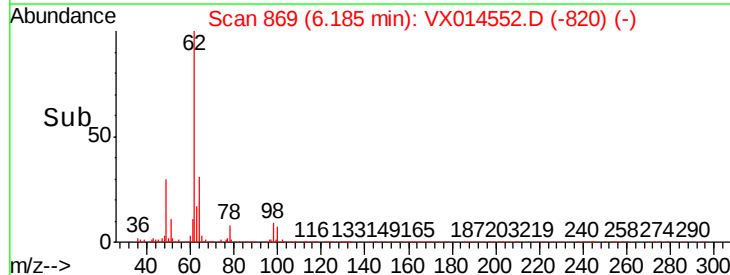
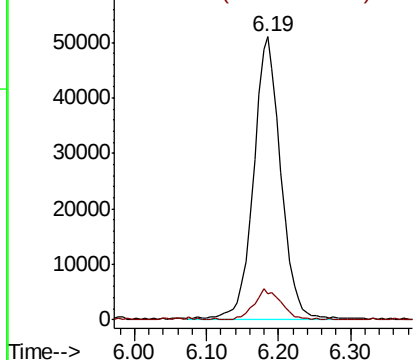


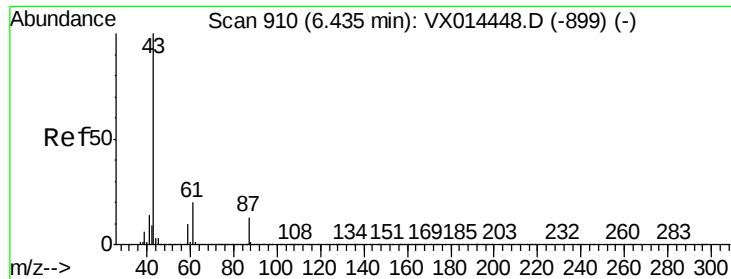
#42
1,2-Dichloroethane
Concen: 19.730 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion:	62	Resp:	134776
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



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



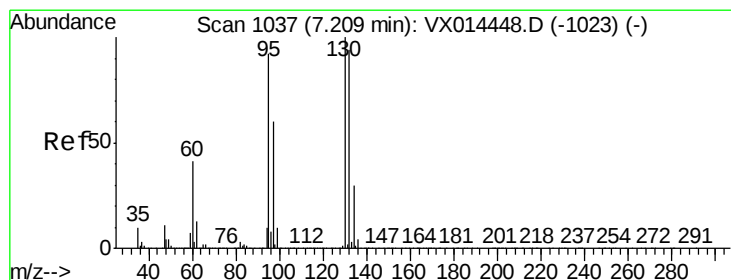
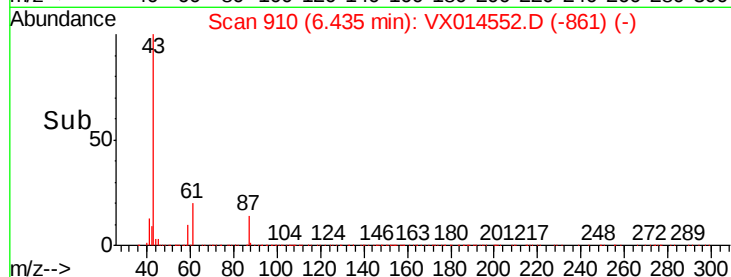
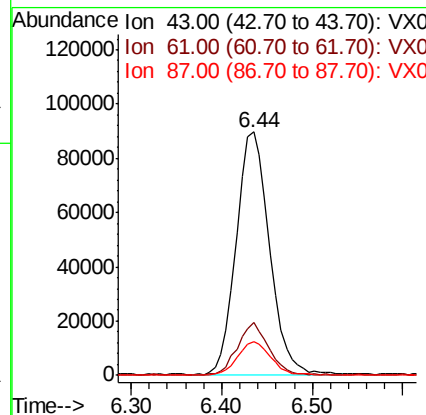
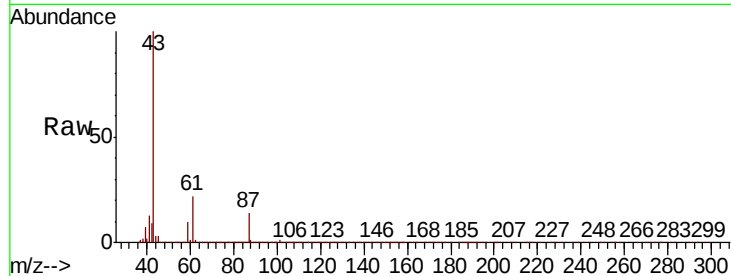


#43

Isopropyl Acetate
 Concen: 19.755 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

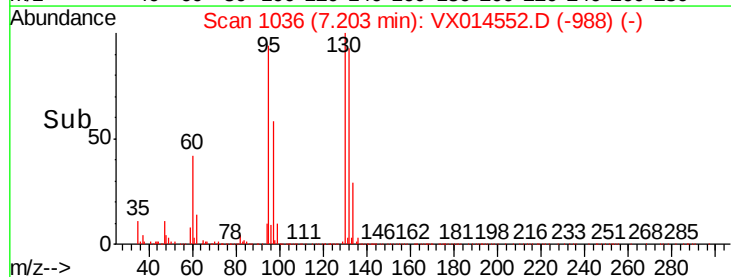
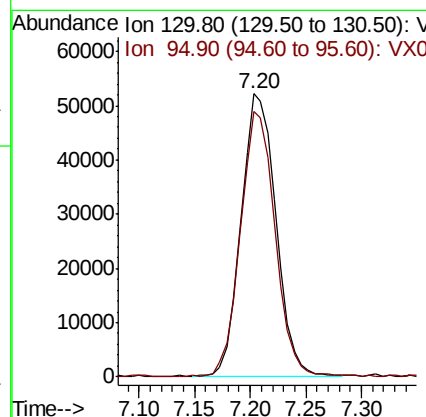
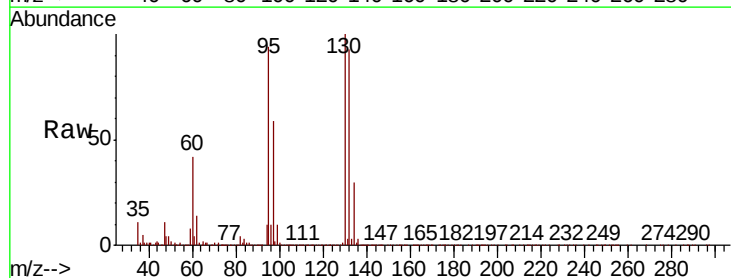
Tot Ion: 43 Resp: 228183
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.6 24.8
 87 13.6 10.8 16.2

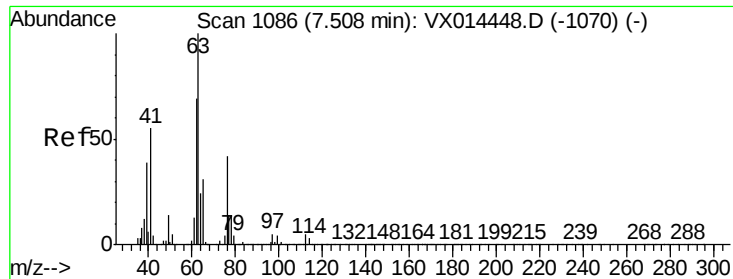


#44

Trichloroethene
 Concen: 20.167 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion: 130 Resp: 113229
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 184.2





#45

1,2-Dichloropropane

Concen: 20.061 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampled :

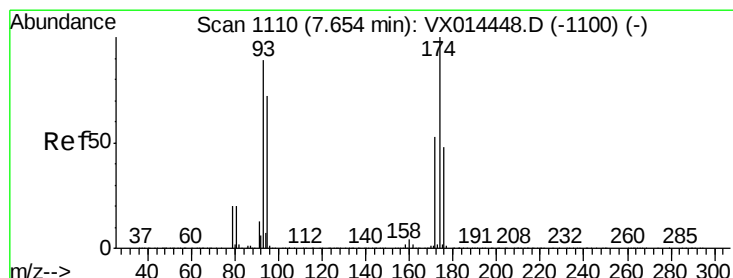
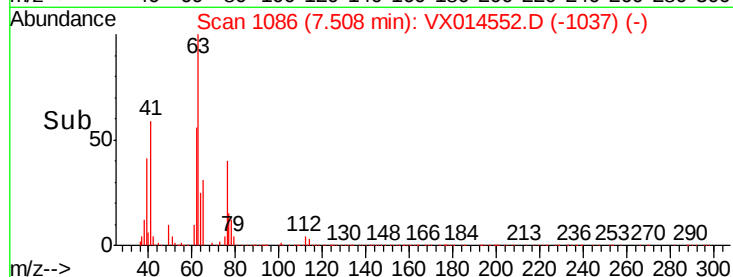
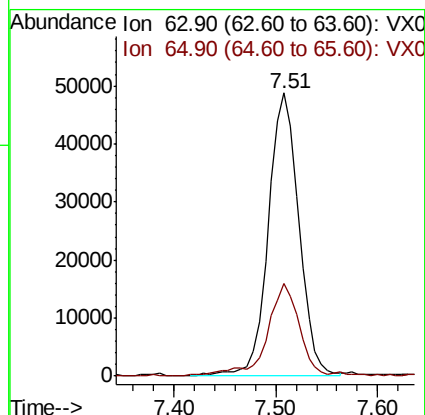
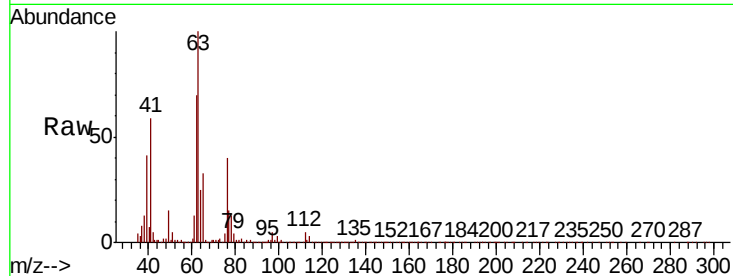
VX0110WBS02

Tot Ion: 63 Resp: 99923

Ion Ratio Lower Upper

63 100

65 32.6 24.8 37.2



#46

Dibromomethane

Concen: 18.534 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

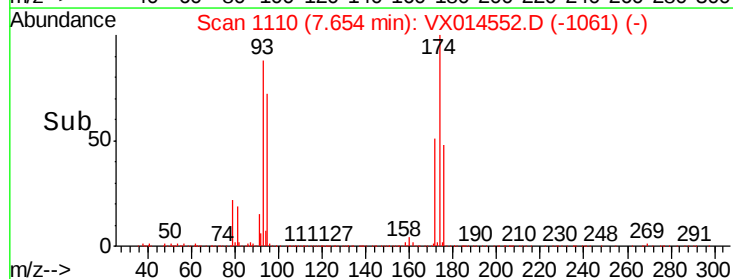
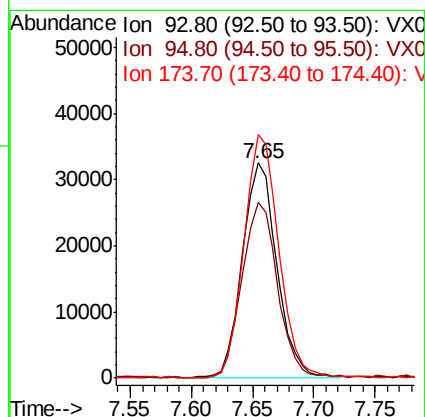
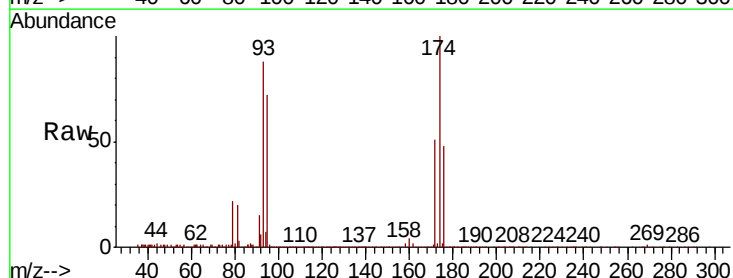
Tgt Ion: 93 Resp: 64433

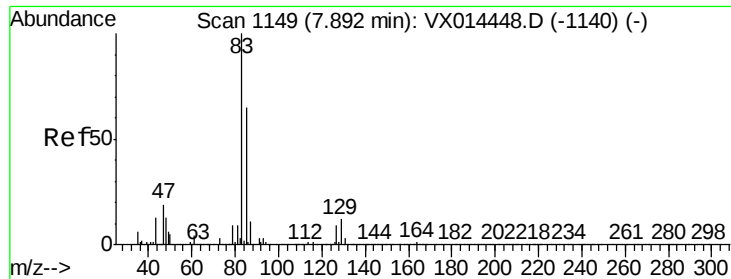
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.2

174 114.1 93.0 139.4





#47

Bromodichloromethane

Concen: 19.378 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

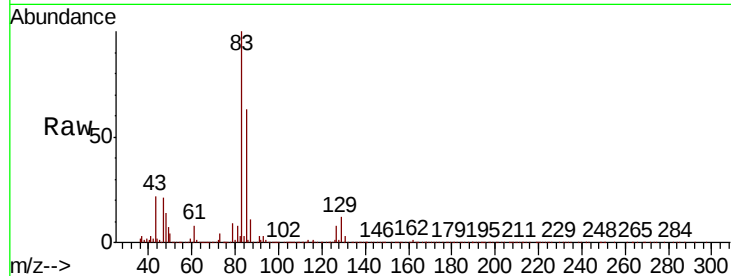
Tot Ion: 83 Resp: 122583

Ion Ratio Lower Upper

83 100

85 62.7 51.7 77.5

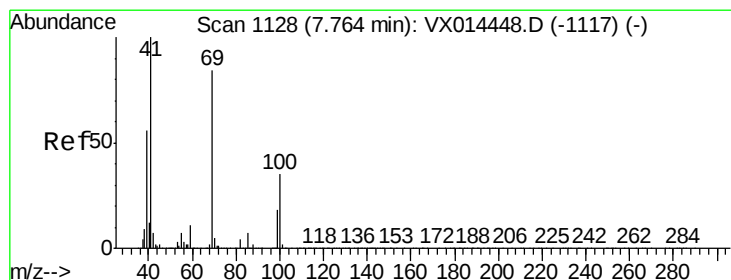
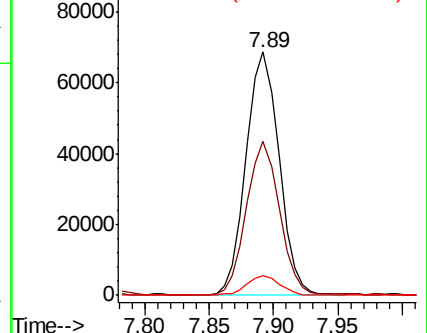
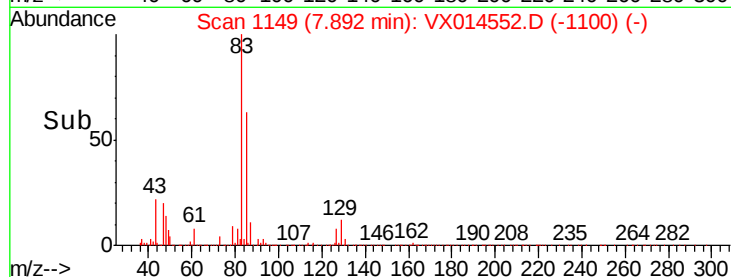
127 7.9 7.1 10.7



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: 20.395 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

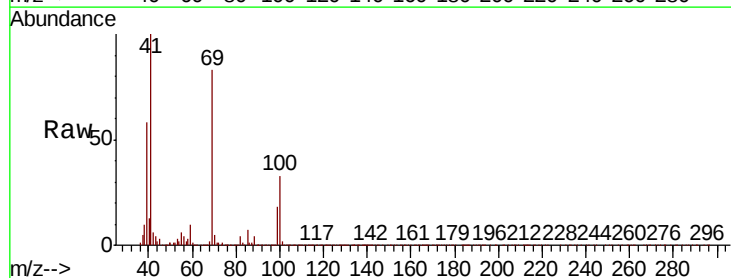
Tgt Ion: 41 Resp: 112827

Ion Ratio Lower Upper

41 100

69 82.4 65.5 98.3

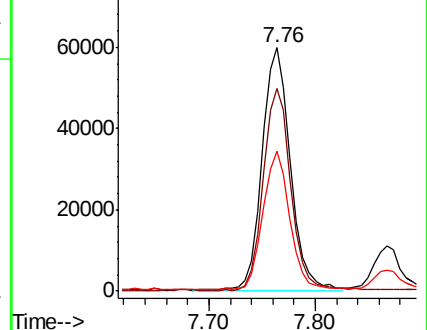
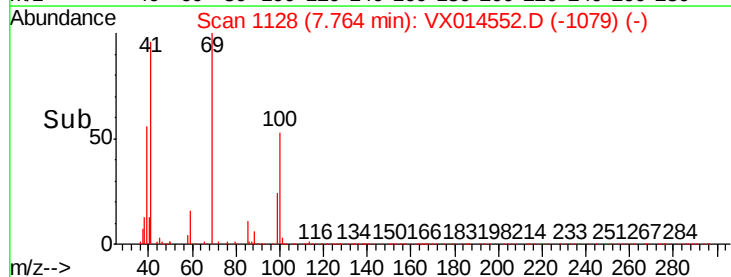
39 53.7 43.9 65.9

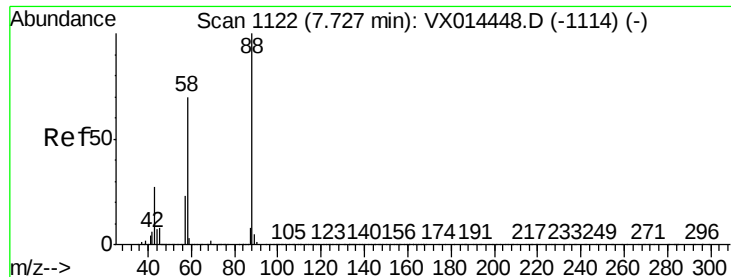


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 413.729 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

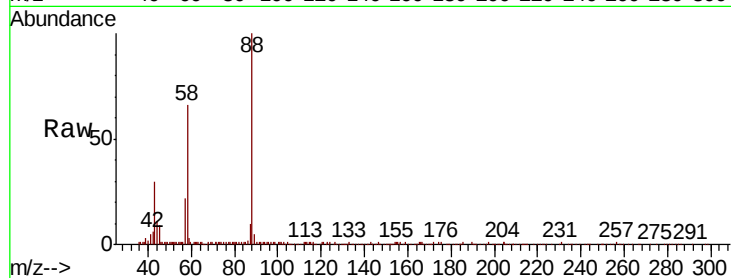
MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 88 Resp: 48497

Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.4	41.0
58	68.9	57.1	85.7

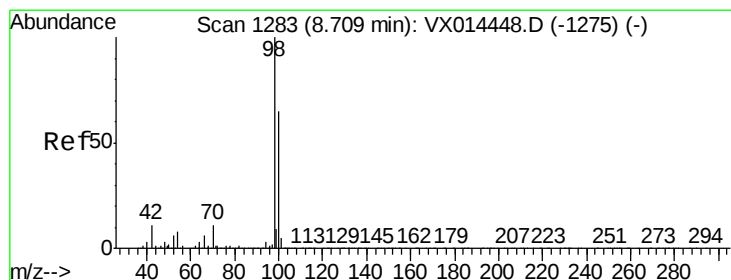
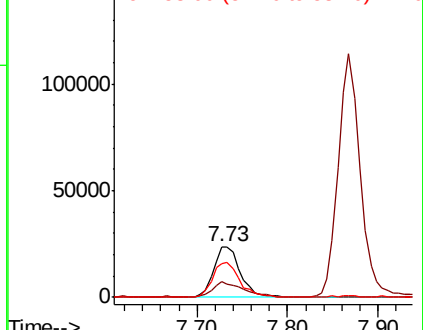
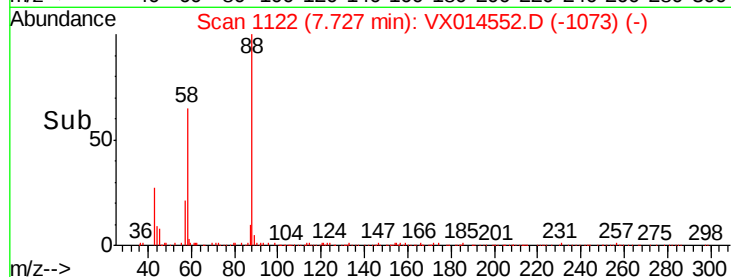


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.447 ug/l

RT: 8.71 min Scan# 1283

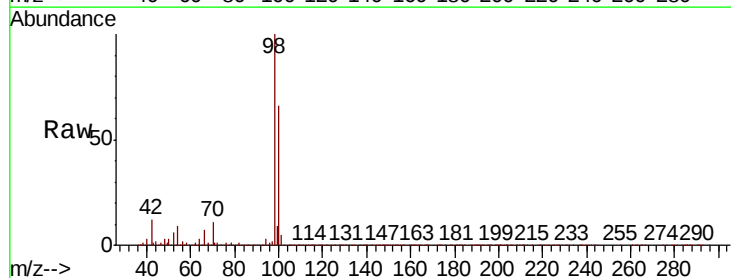
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion: 98 Resp: 829522

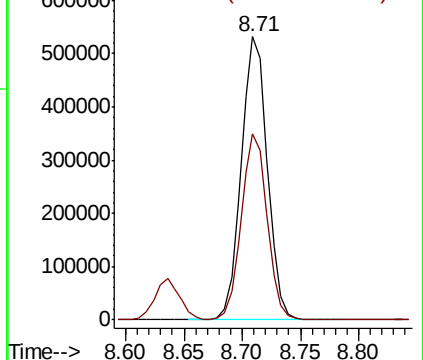
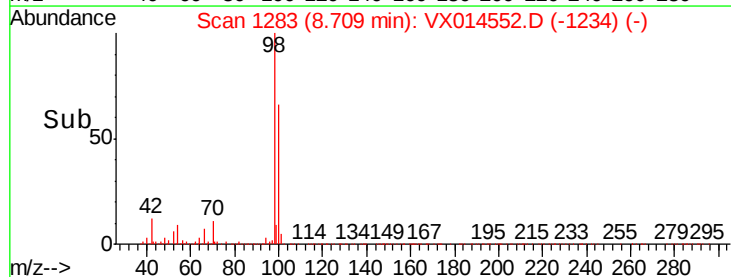
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.2	79.8

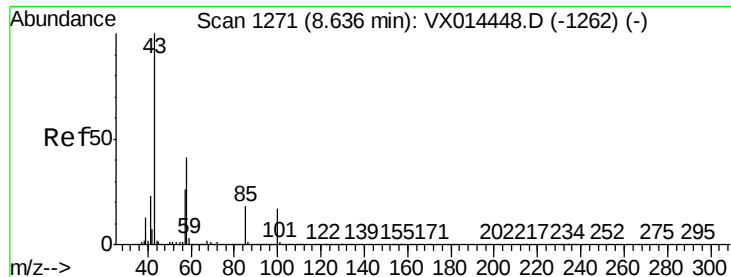


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 102.564 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

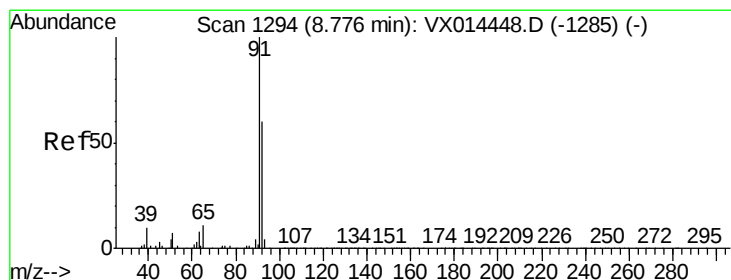
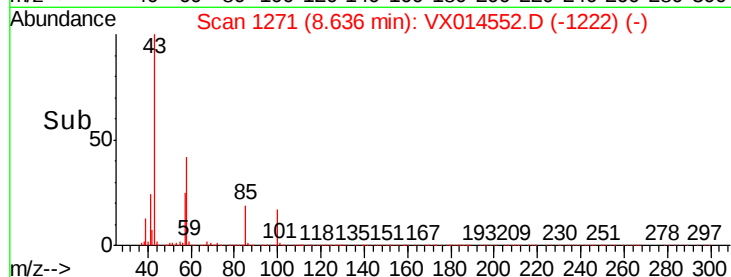
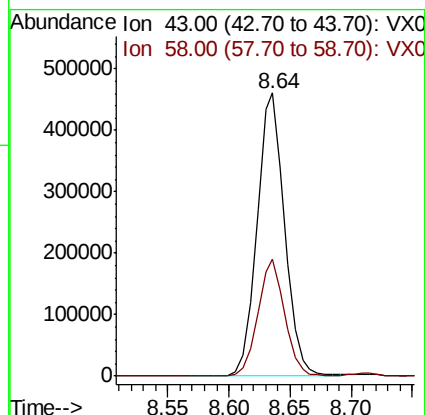
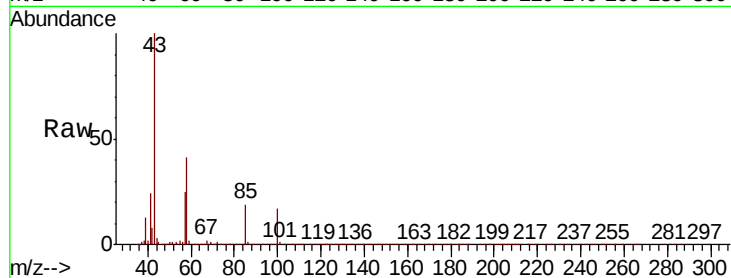
VX0110WBS02

Tot Ion: 43 Resp: 721903

Ion Ratio Lower Upper

43 100

58 39.9 32.4 48.6



#52

Toluene

Concen: 19.164 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014552.D

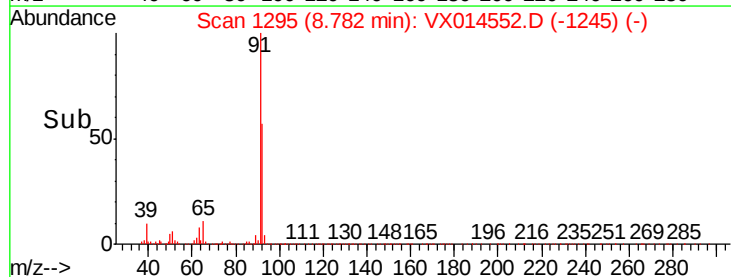
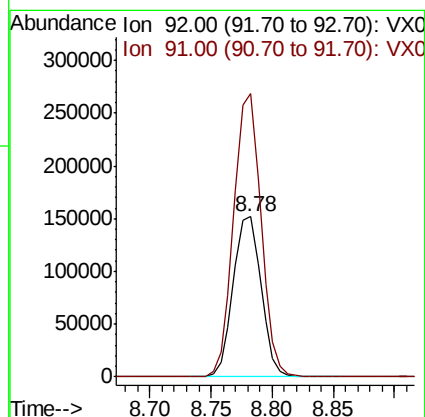
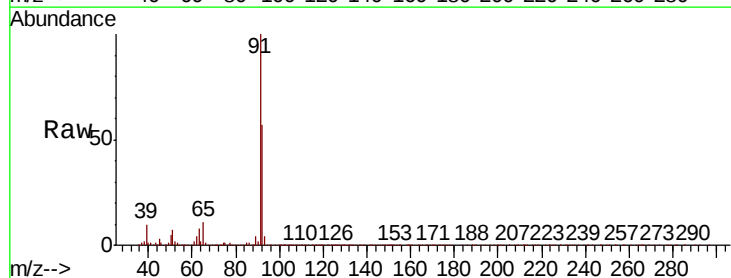
Acq: 10 Jan 2020 22:10

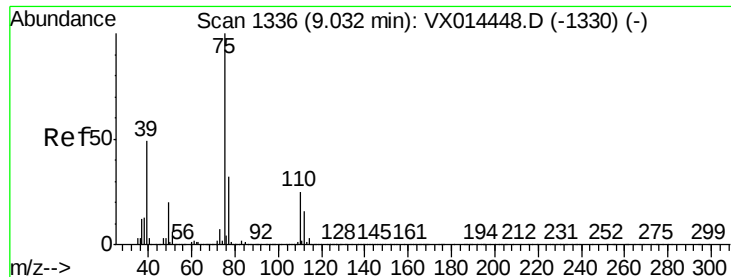
Tgt Ion: 92 Resp: 239677

Ion Ratio Lower Upper

92 100

91 172.9 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 17.667 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

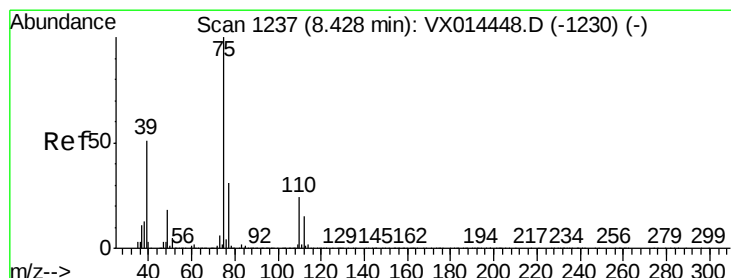
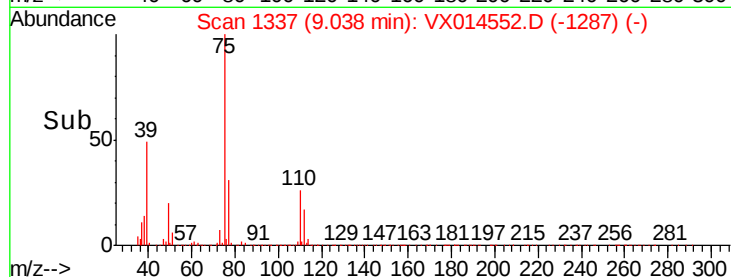
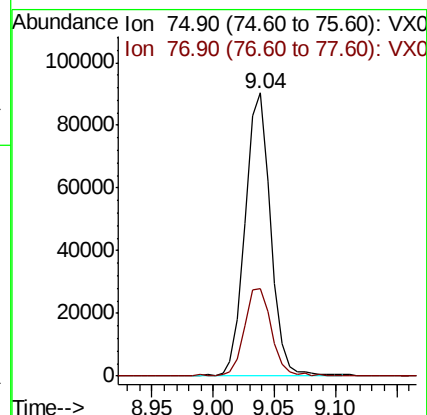
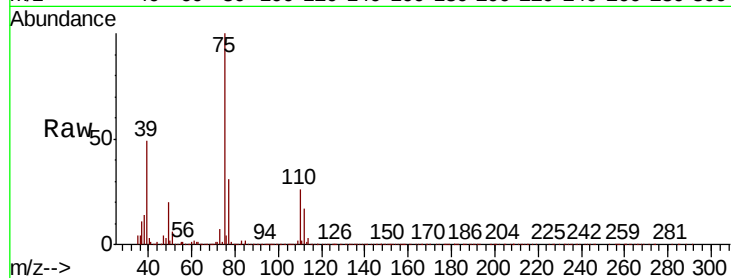
VX0110WBS02

Tot Ion: 75 Resp: 130116

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.551 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

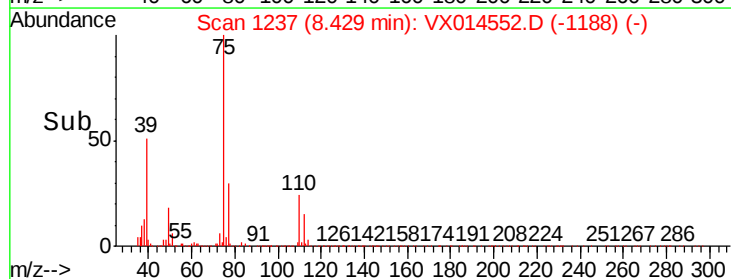
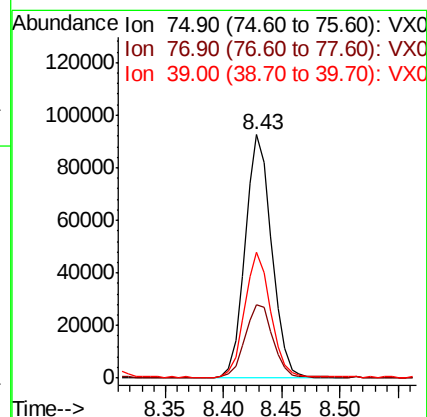
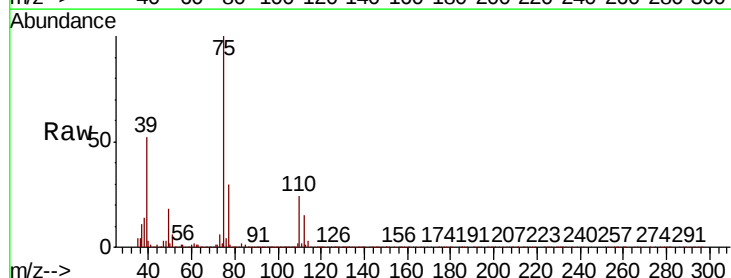
Tgt Ion: 75 Resp: 147587

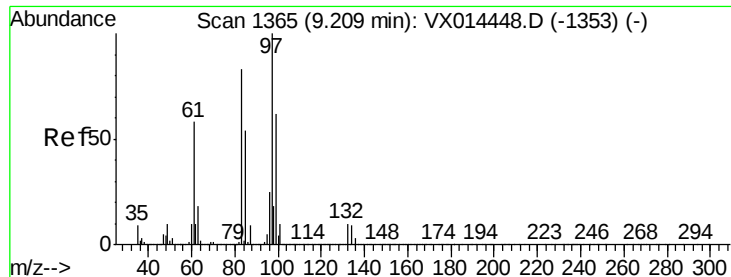
Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.4

39 51.6 40.7 61.1

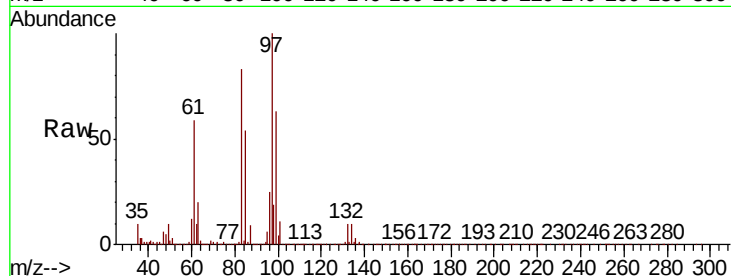




#55
 1,1,2-Trichloroethane
 Concen: 19.640 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion:	97	Resp:	98659
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.4	99.6
85	53.7	43.4	65.2
99	63.0	49.6	74.4



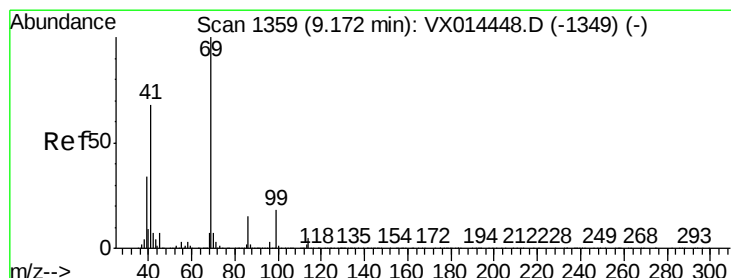
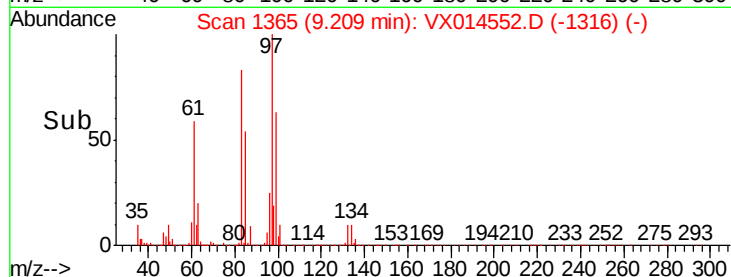
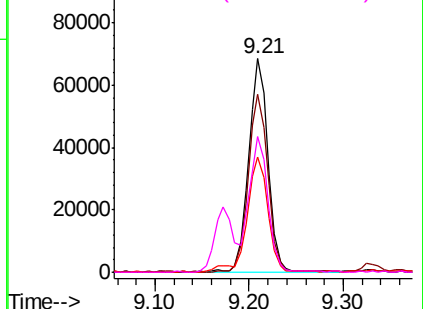
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

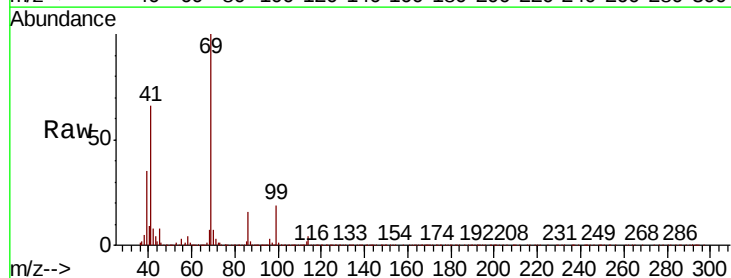
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.683 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion:	69	Resp:	151479
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.2	81.2
39	35.2	28.2	42.2

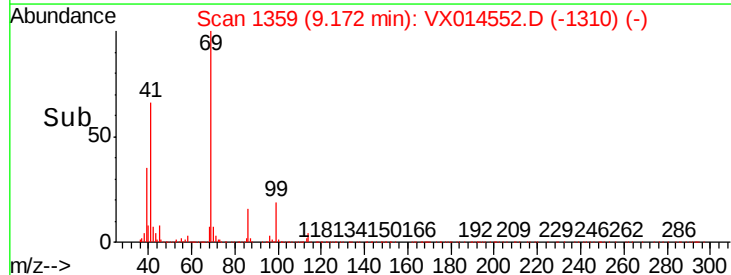
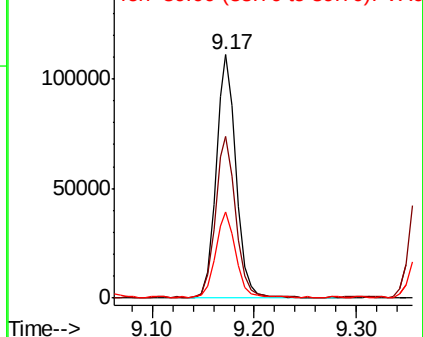


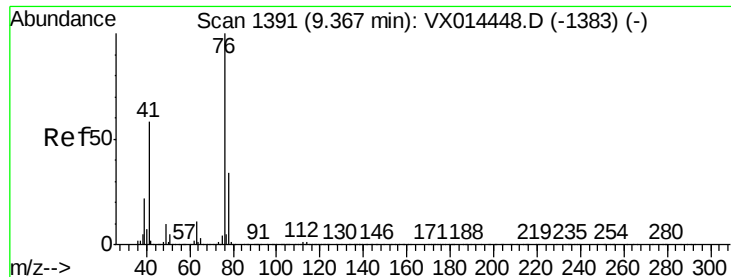
Abundance

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: 19.696 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

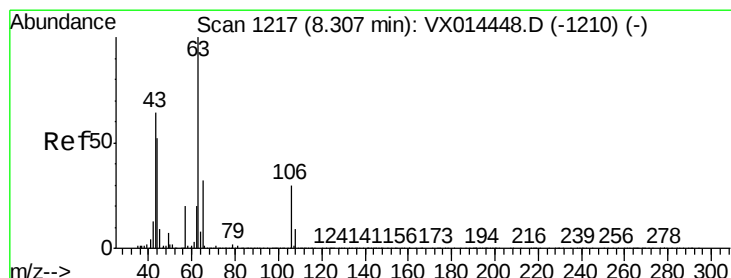
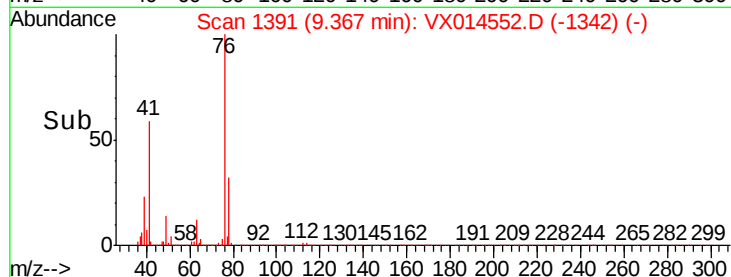
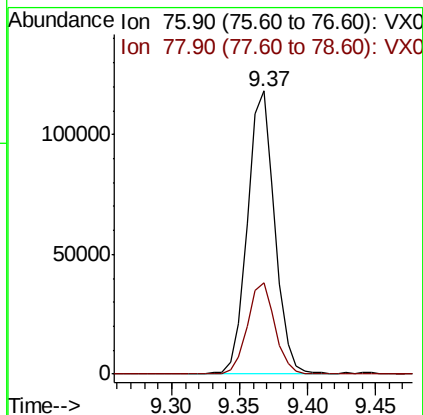
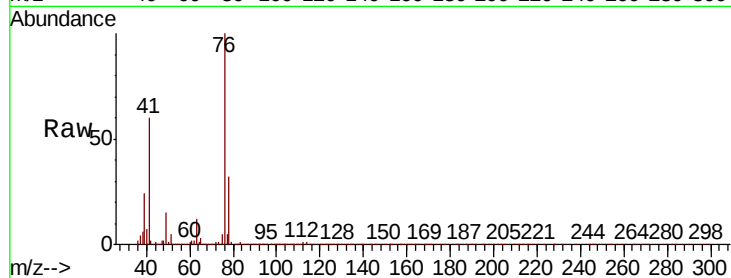
VX0110WBS02

Tot Ion: 76 Resp: 165430

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.168 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014552.D

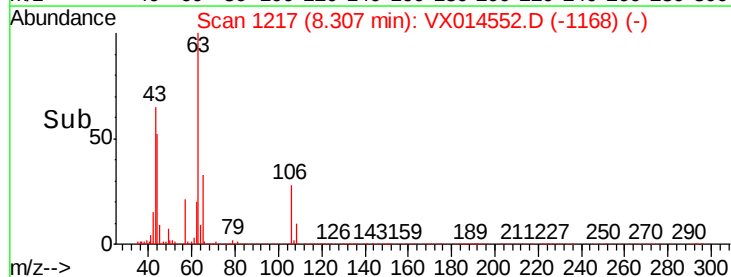
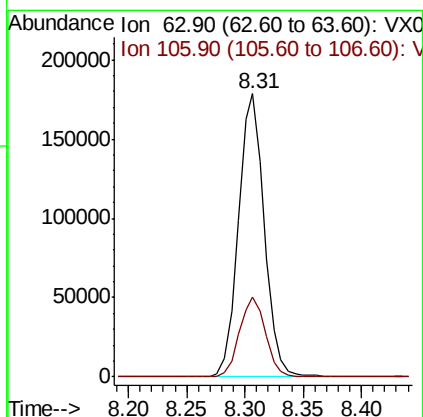
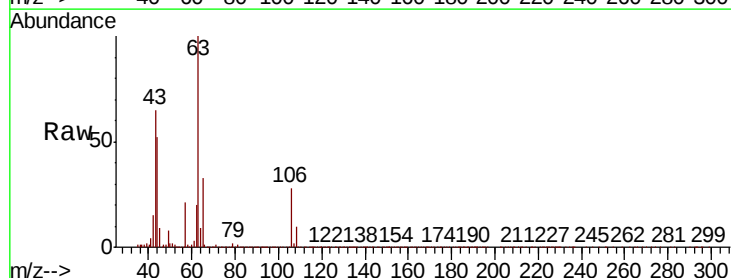
Acq: 10 Jan 2020 22:10

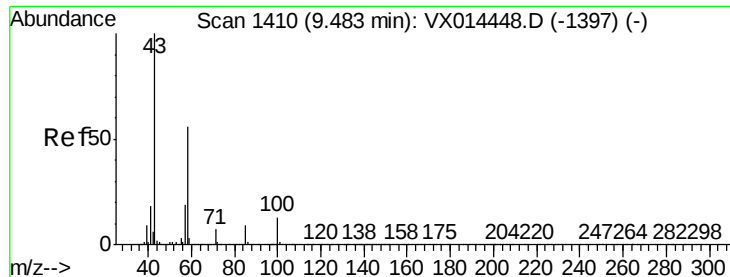
Tgt Ion: 63 Resp: 275380

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4





#59

2-Hexanone

Concen: 101.941 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

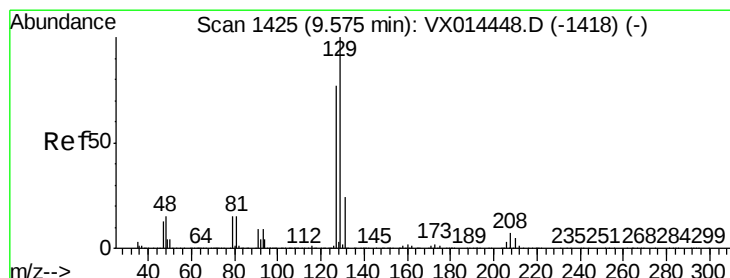
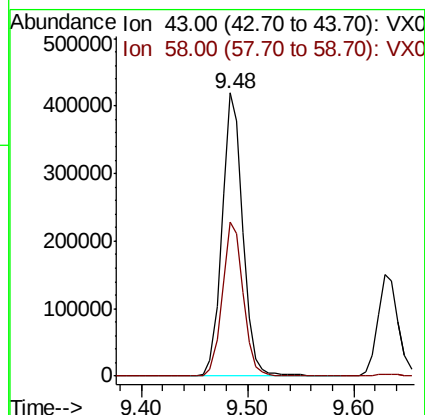
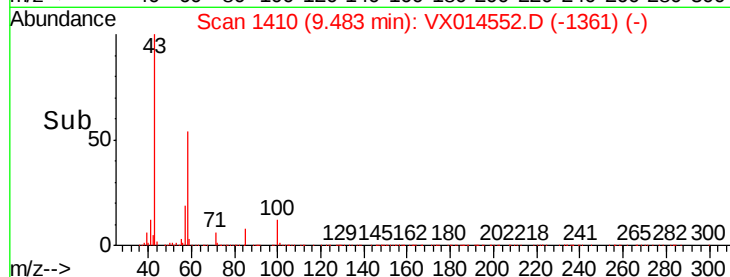
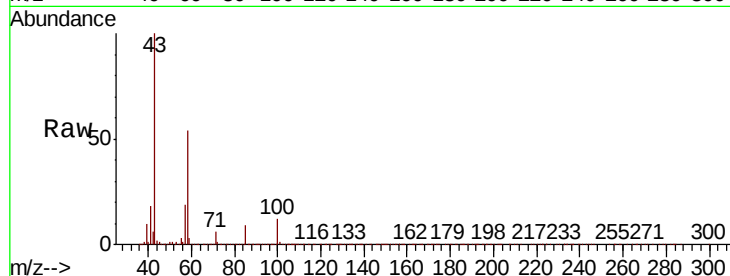
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion: 43 Resp: 567732

Ion Ratio Lower Upper

43 100

58 54.9 27.9 83.7



#60

Dibromochloromethane

Concen: 19.358 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014552.D

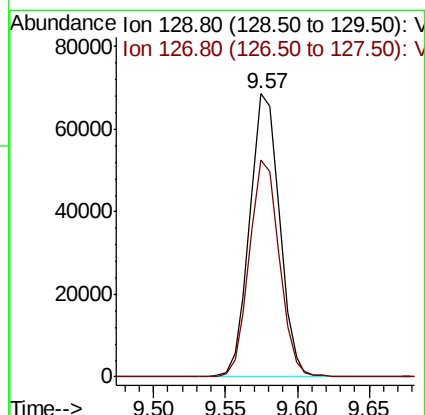
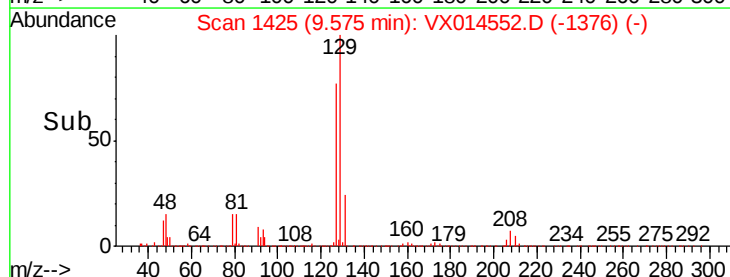
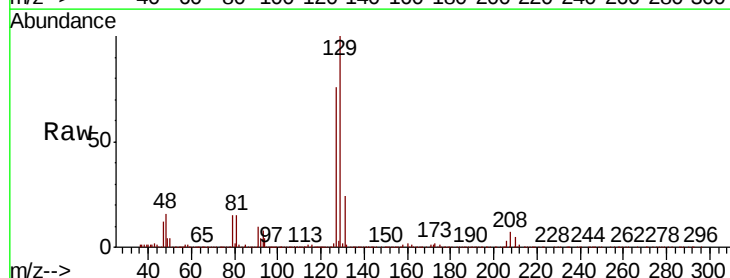
Acq: 10 Jan 2020 22:10

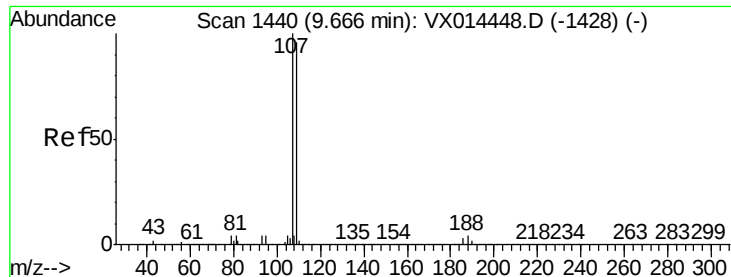
Tgt Ion: 129 Resp: 97740

Ion Ratio Lower Upper

129 100

127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.300 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

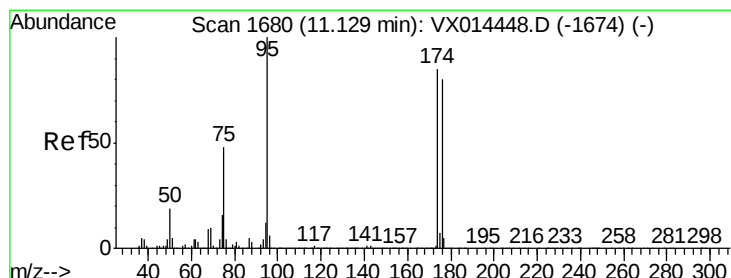
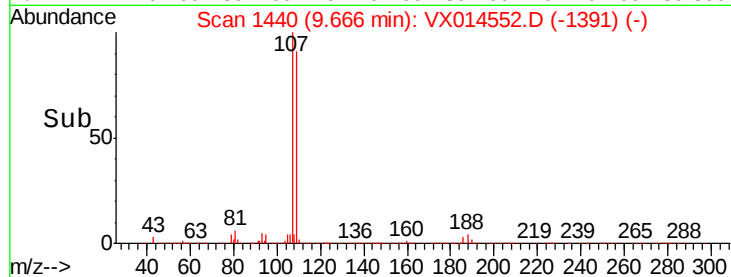
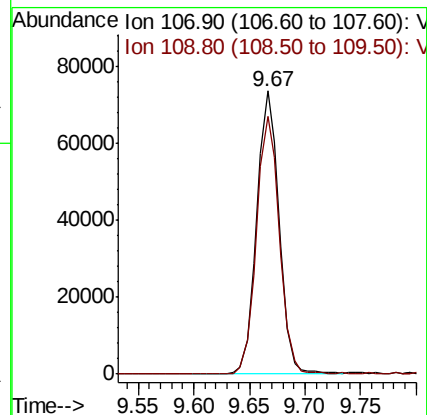
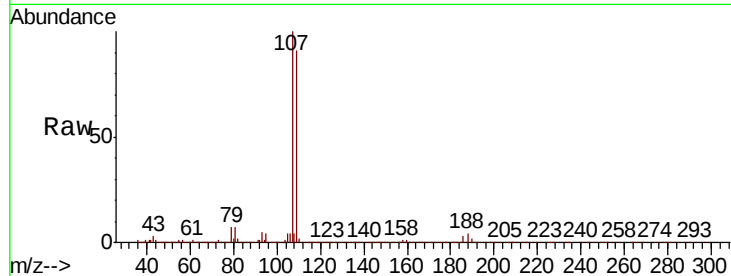
VX0110WBS02

Tot Ion:107 Resp: 102698

Ion Ratio Lower Upper

107 100

109 92.8 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 47.355 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

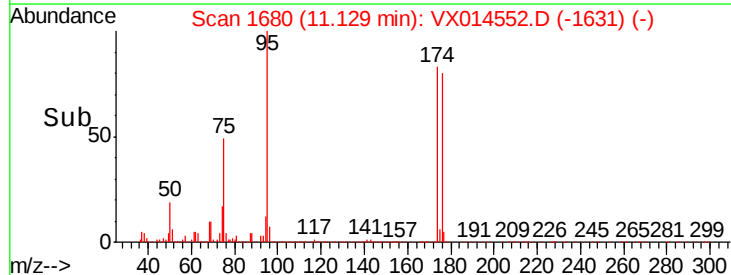
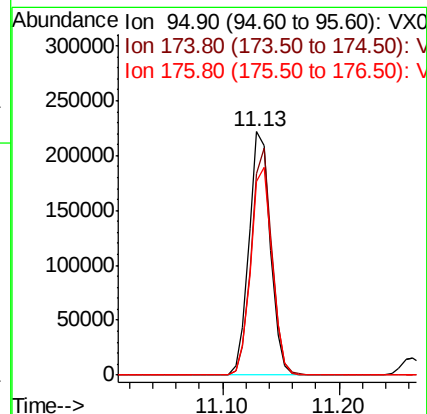
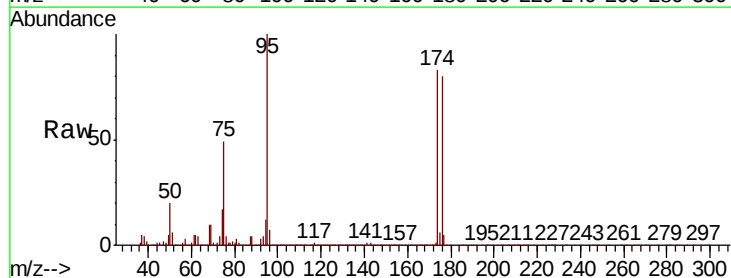
Tgt Ion: 95 Resp: 285860

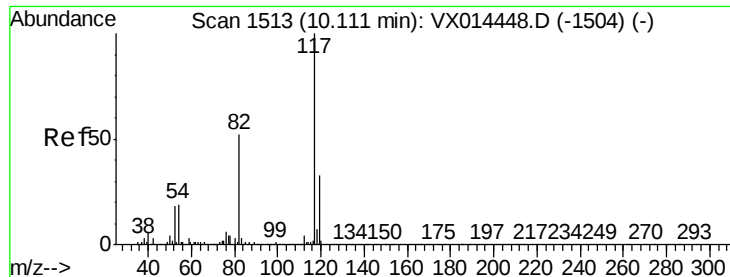
Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

176 86.1 0.0 172.8

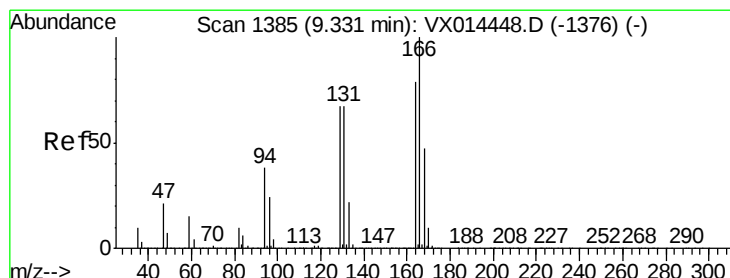
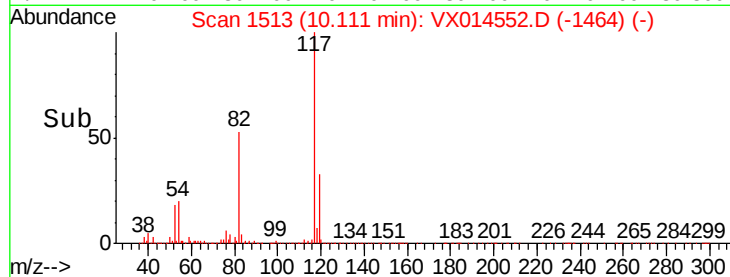
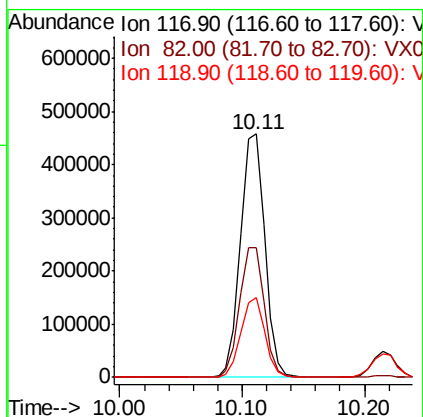
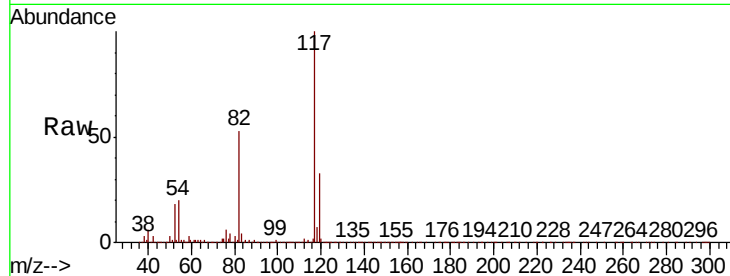




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

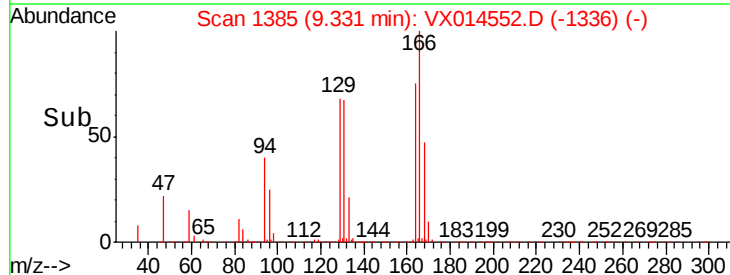
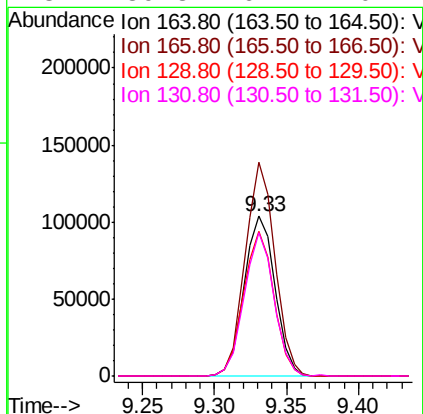
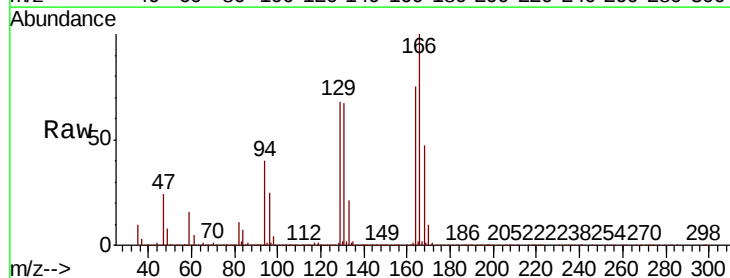
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

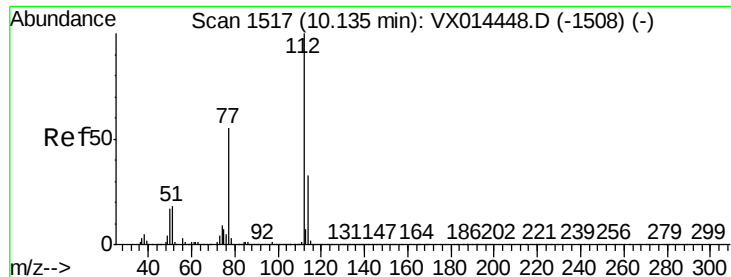
Tot Ion:117 Resp: 630402
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 24.342 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion:164 Resp: 153791
Ion Ratio Lower Upper
164 100
166 133.5 101.2 151.8
129 90.4 68.3 102.5
131 89.3 67.4 101.2





#65

Chlorobenzene

Concen: 18.858 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

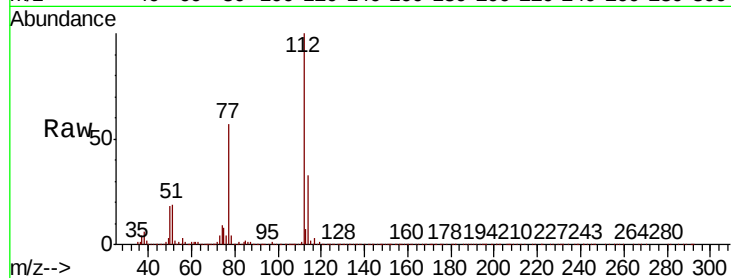
VX0110WBS02

Tot Ion:112 Resp: 257995

Ion Ratio Lower Upper

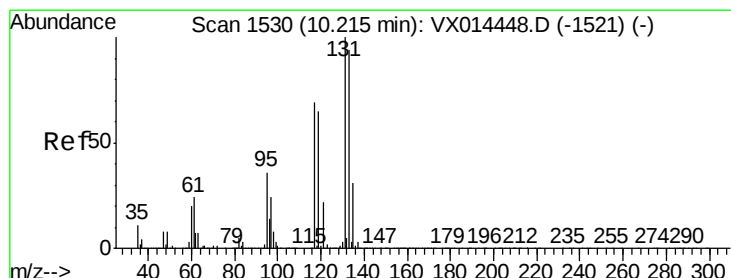
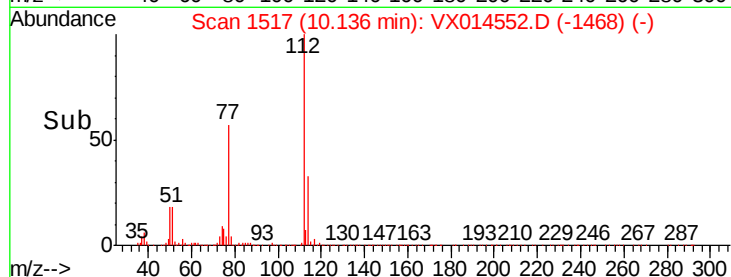
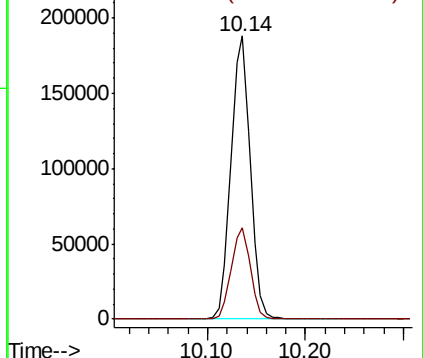
112 100

114 32.5 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.192 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

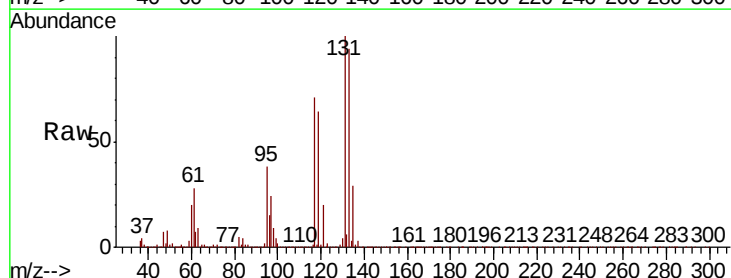
Tgt Ion:131 Resp: 93703

Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

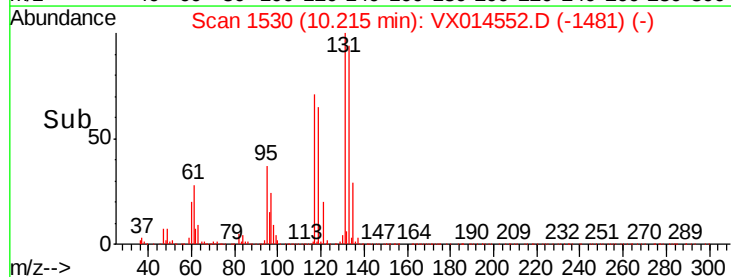
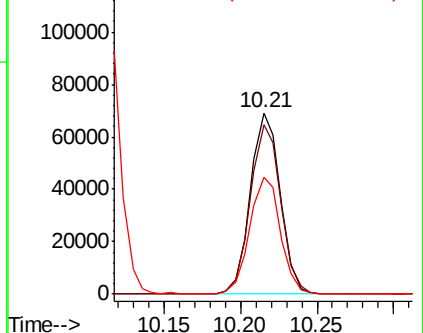
119 66.3 32.8 98.4

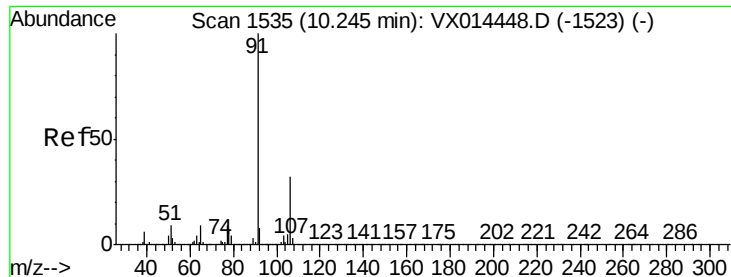


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

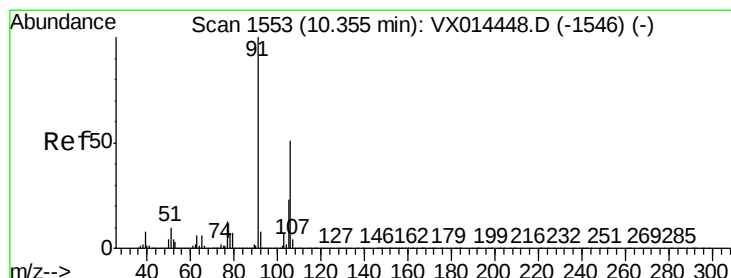
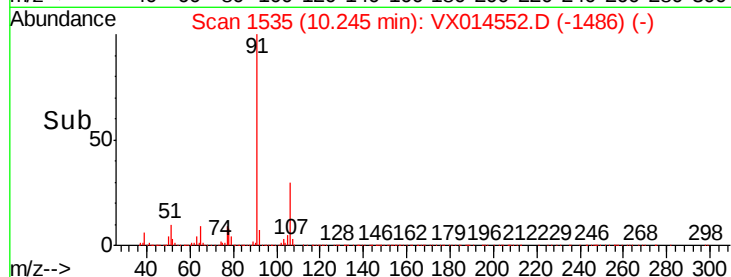
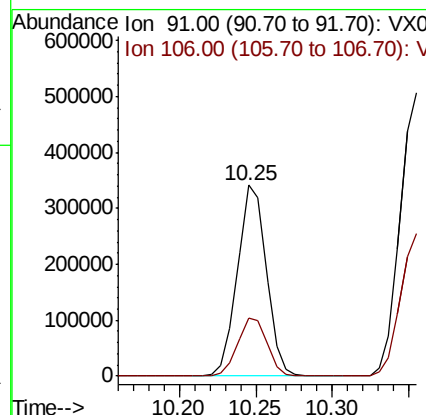
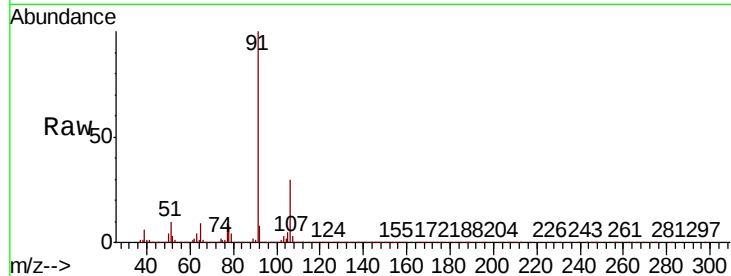




#67
Ethyl Benzene
Concen: 19.313 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

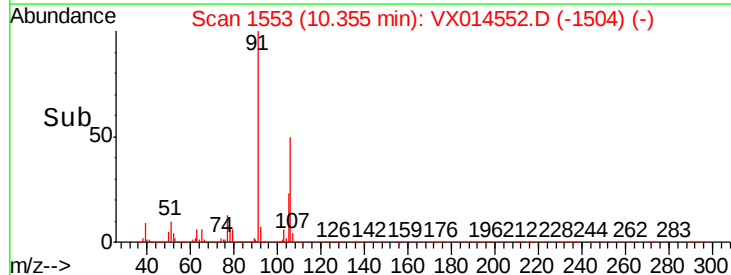
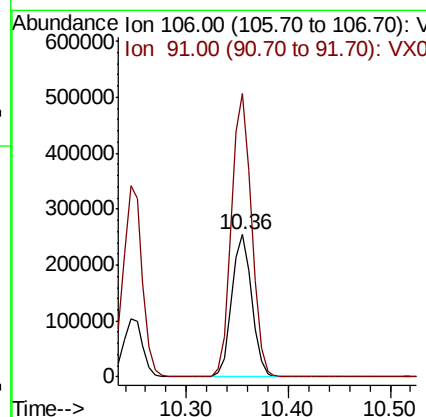
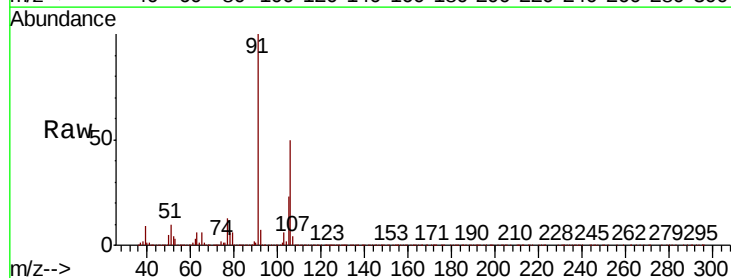
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

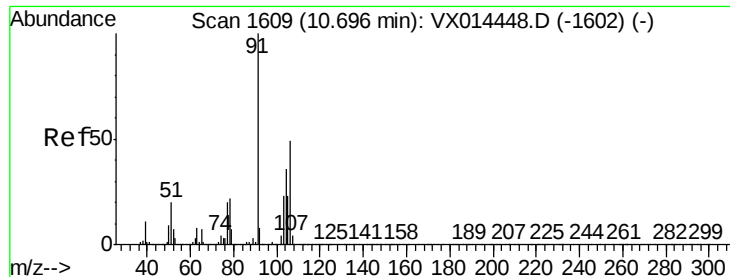
Tot Ion: 91 Resp: 450354
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



#68
m/p-Xylenes
Concen: 37.965 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 106 Resp: 341532
Ion Ratio Lower Upper
106 100
91 200.4 157.4 236.0

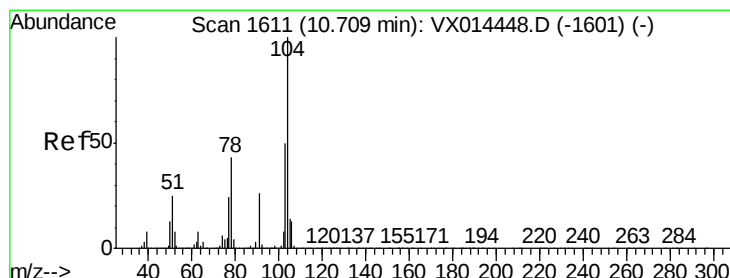
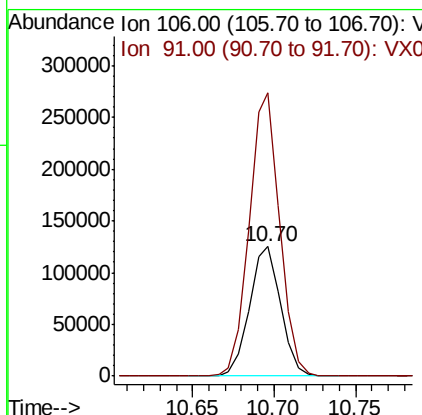
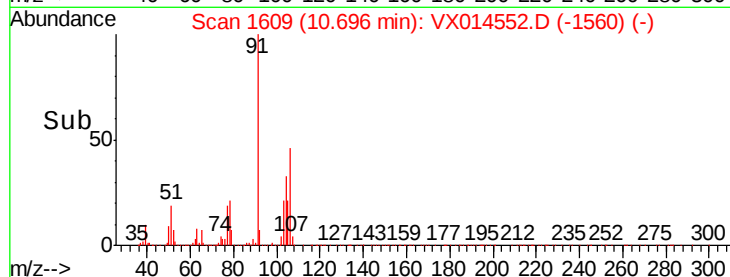
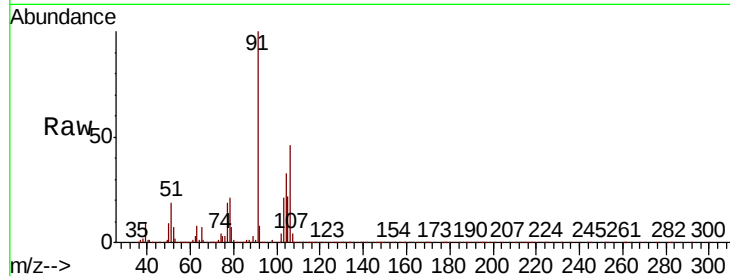




#69
o-Xylene
Concen: 19.368 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

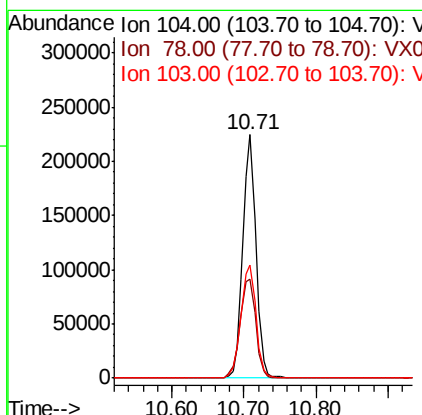
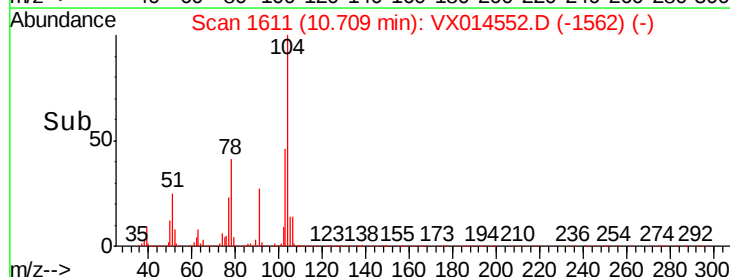
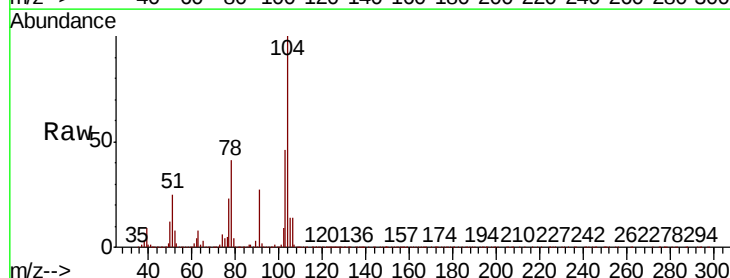
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

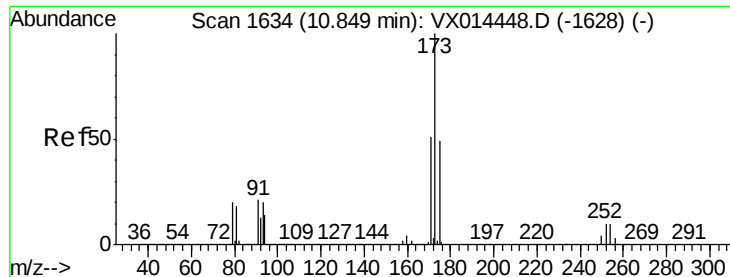
Tot Ion:106 Resp: 166239
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.1



#70
Styrene
Concen: 19.207 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion:104 Resp: 284499
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 52.8 43.7 65.5

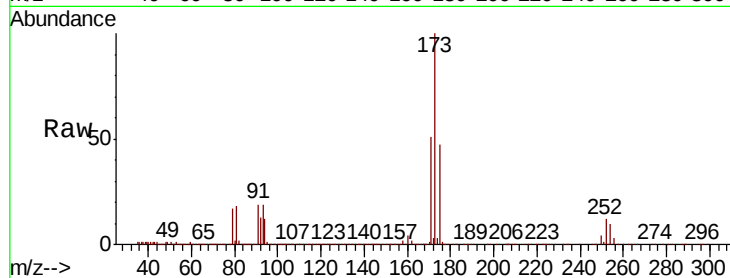




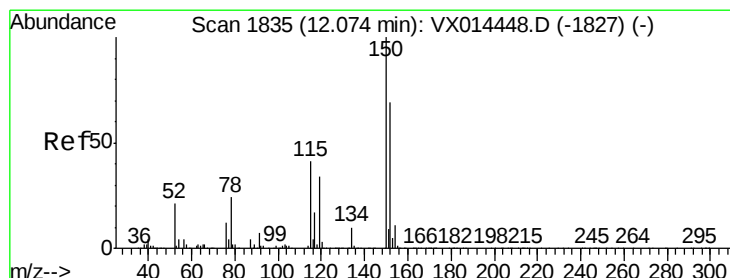
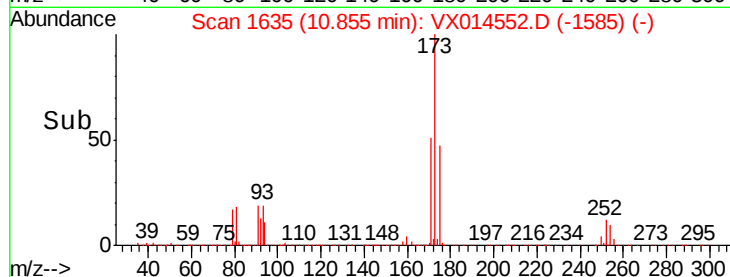
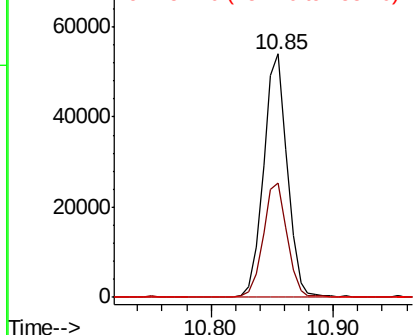
#71
Bromoform
Concen: 18.214 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion:173 Resp: 72755
Ion Ratio Lower Upper
173 100
175 47.0 24.3 72.8
254 0.1 0.2 0.2#

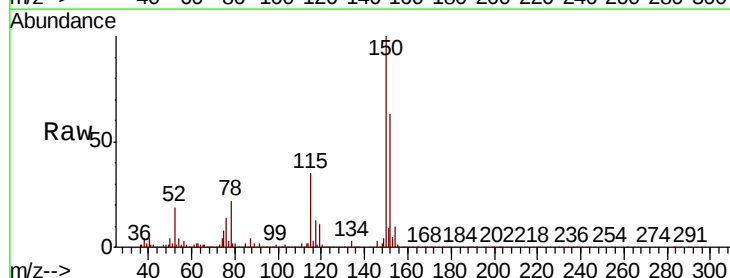


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

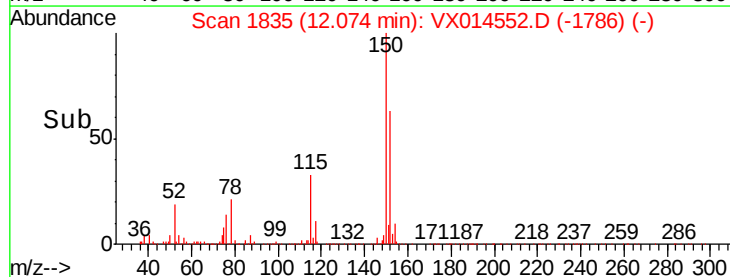
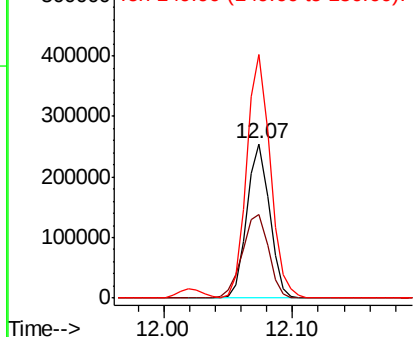


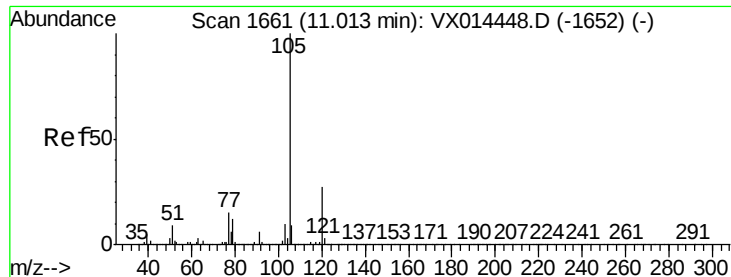
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion:152 Resp: 306322
Ion Ratio Lower Upper
152 100
115 63.5 39.5 118.3
150 164.2 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: 20.478 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

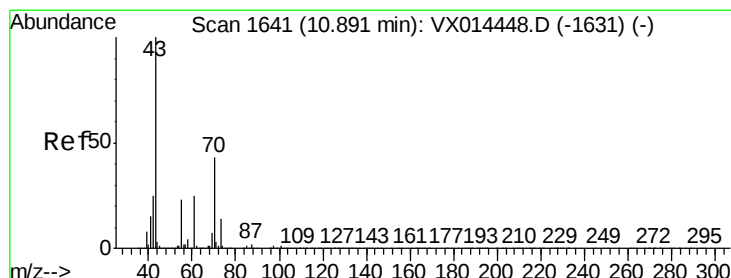
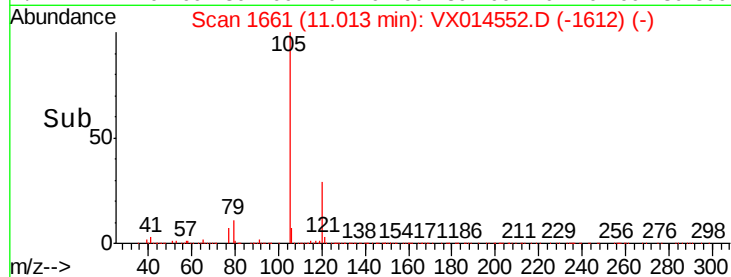
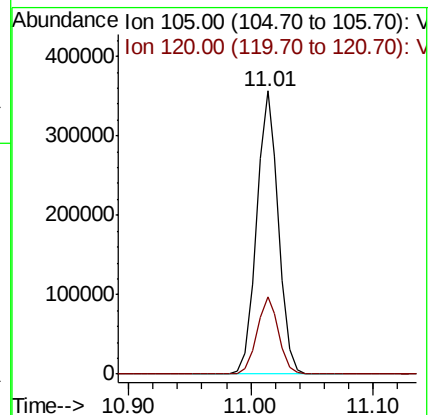
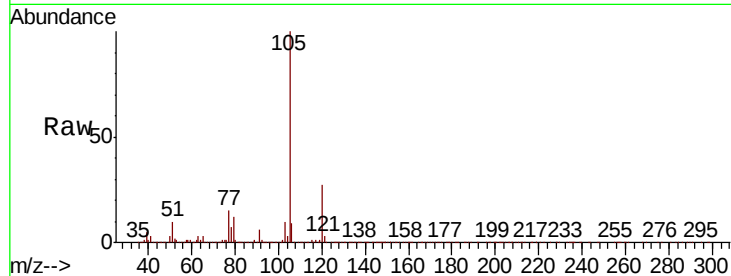
VX0110WBS02

Tot Ion:105 Resp: 440495

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 19.677 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion: 43 Resp: 186733

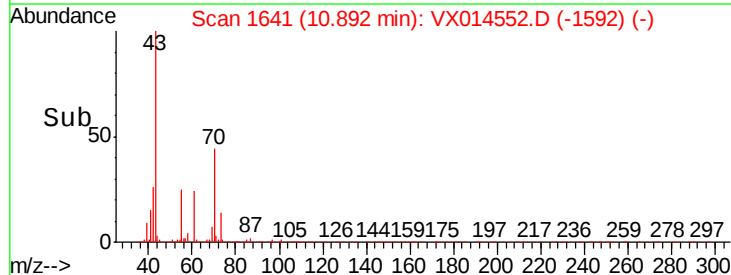
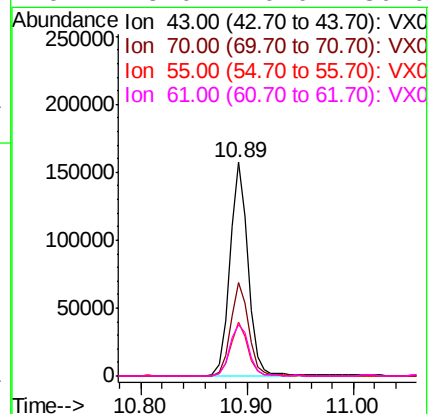
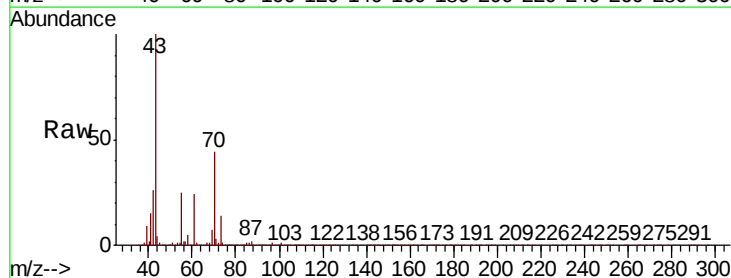
Ion Ratio Lower Upper

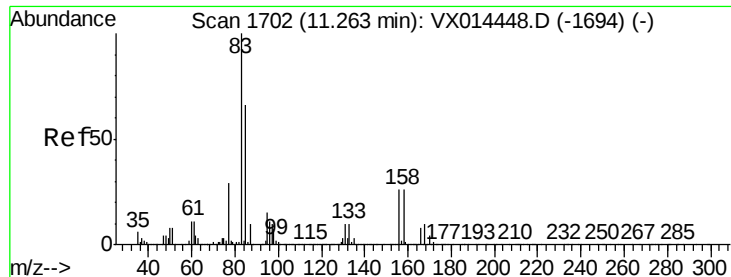
43 100

70 43.5 35.1 52.7

55 24.1 19.3 28.9

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.061 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampled :

VX0110WBS02

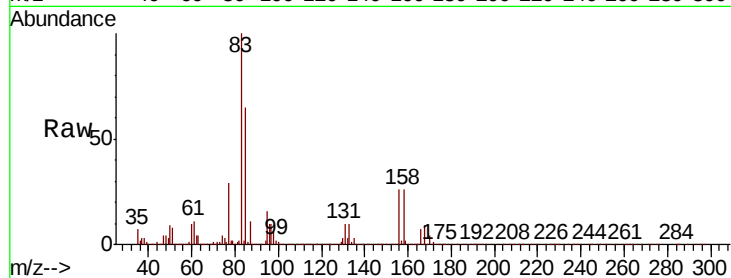
Tot Ion: 83 Resp: 131486

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

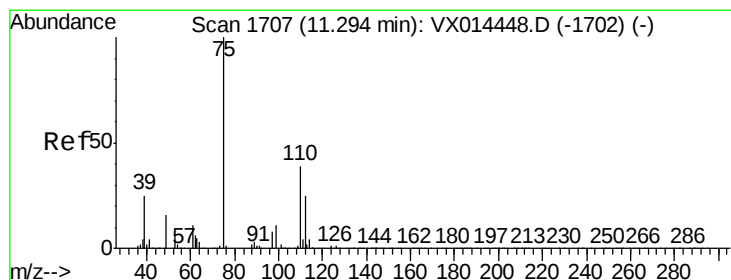
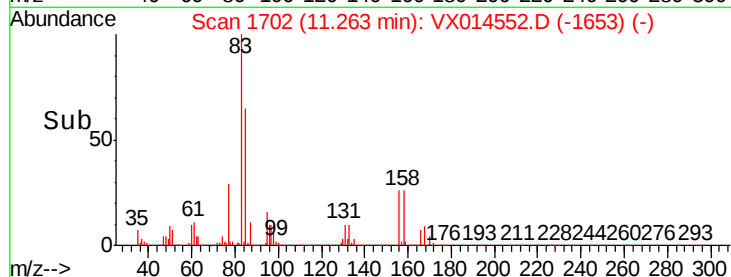
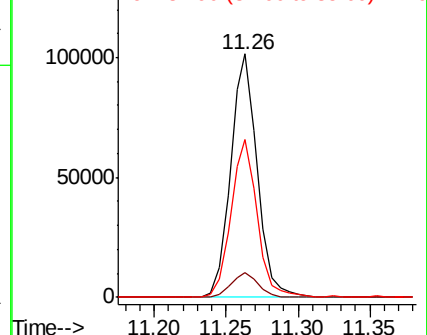
85 64.1 32.5 97.4



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: 25.759 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014552.D

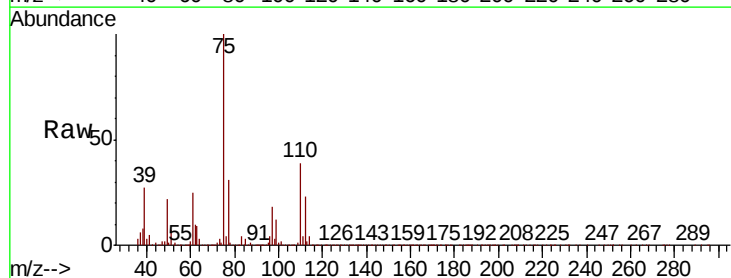
Acq: 10 Jan 2020 22:10

Tgt Ion: 75 Resp: 163258

Ion Ratio Lower Upper

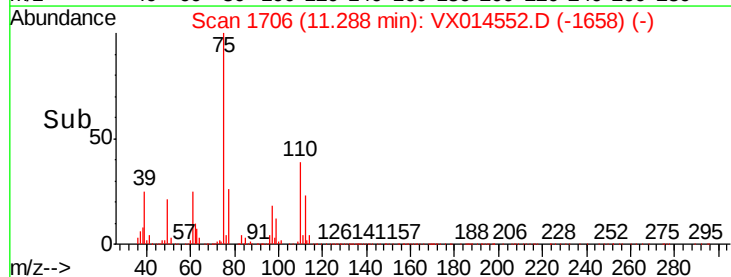
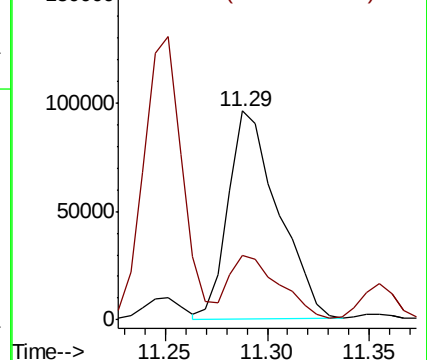
75 100

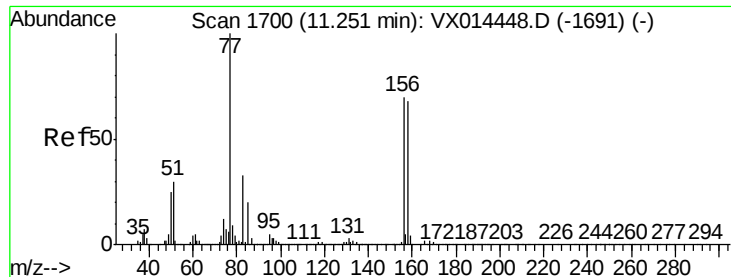
77 30.4 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.386 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

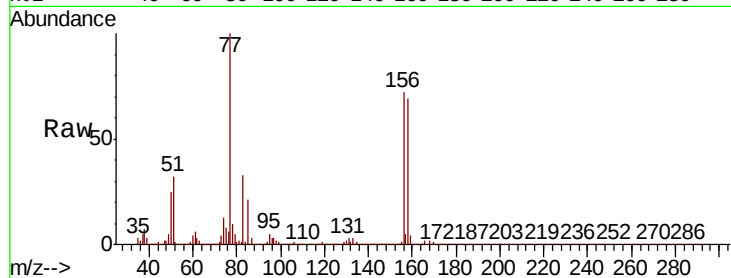
Tot Ion:156 Resp: 115645

Ion Ratio Lower Upper

156 100

77 148.5 75.4 226.3

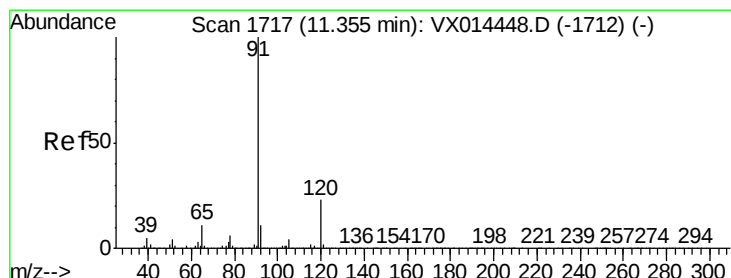
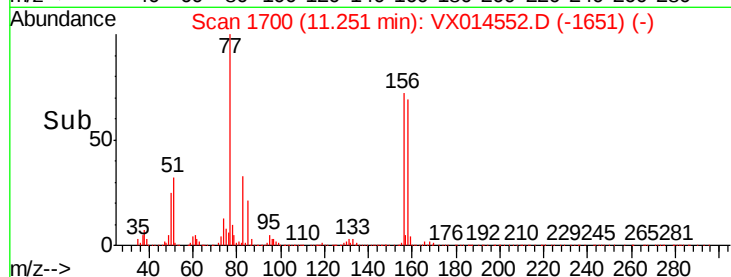
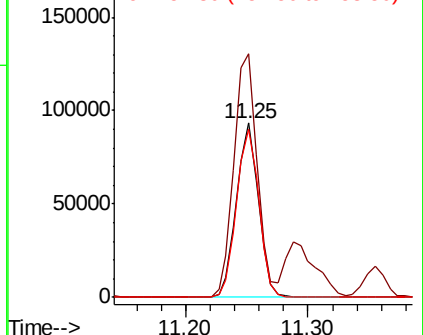
158 98.0 48.8 146.3



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: 19.814 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014552.D

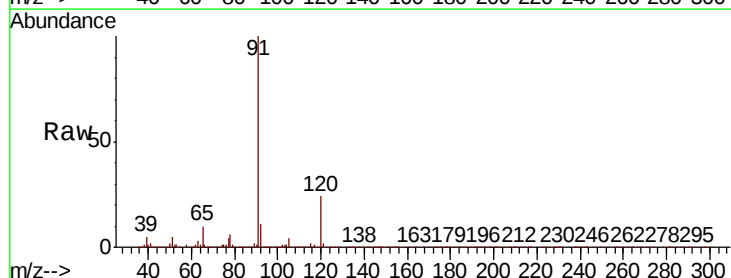
Acq: 10 Jan 2020 22:10

Tgt Ion: 91 Resp: 488123

Ion Ratio Lower Upper

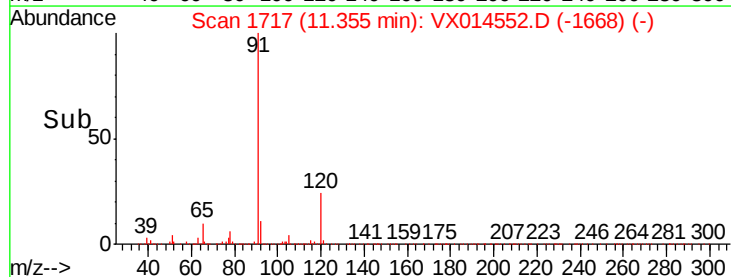
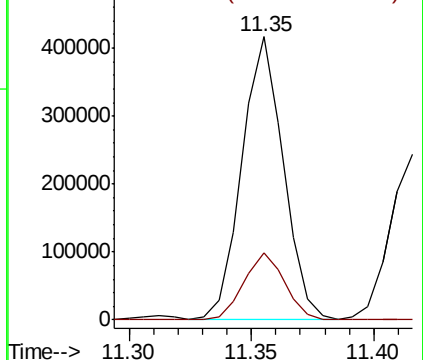
91 100

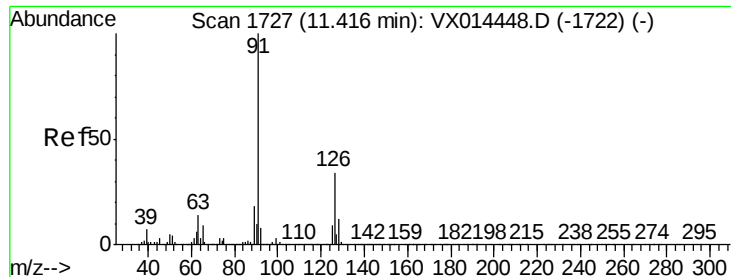
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

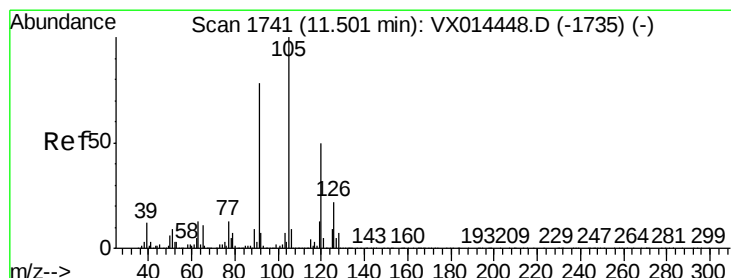
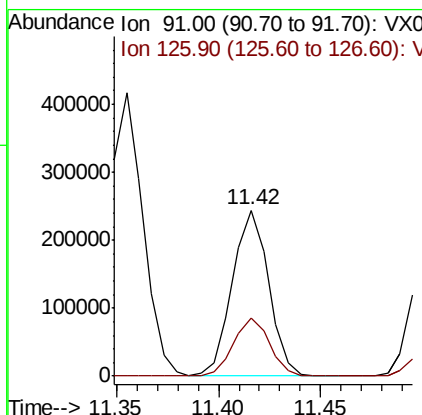
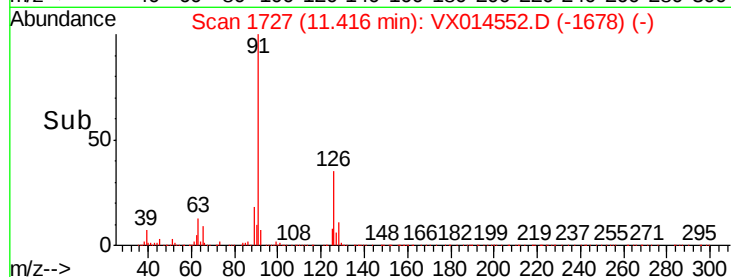
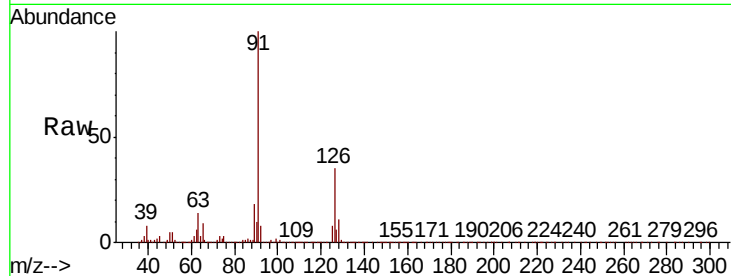




#79
2-Chlorotoluene
Concen: 20.321 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

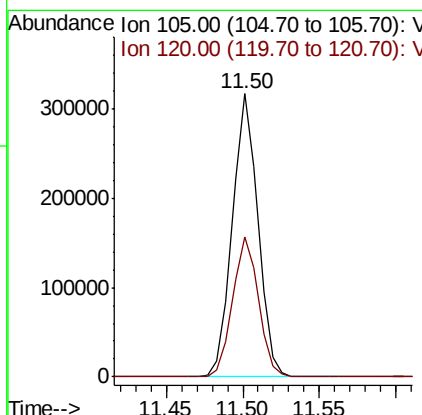
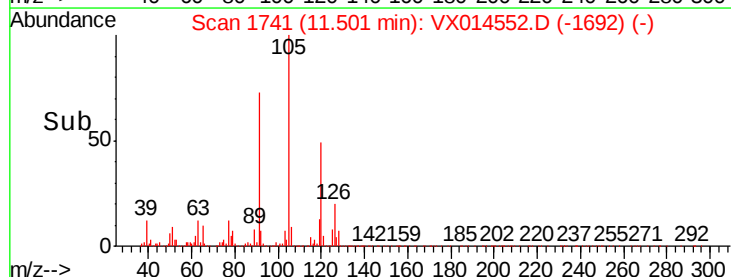
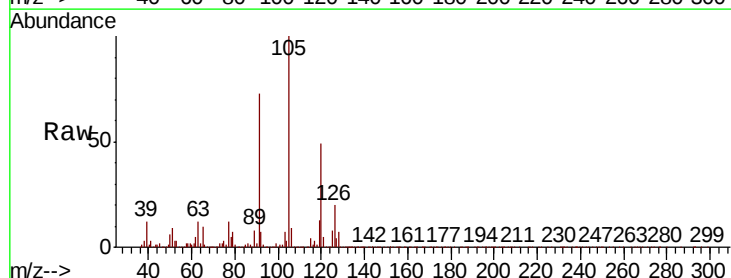
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

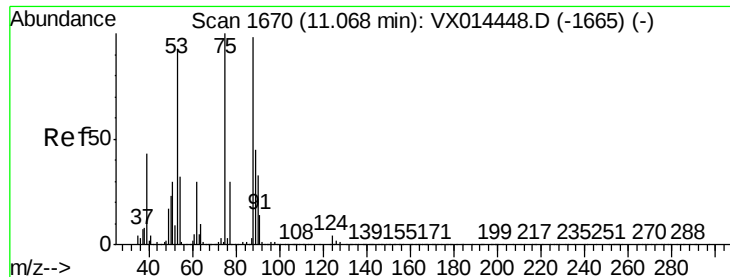
Tot Ion: 91 Resp: 298348
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.548 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 105 Resp: 366961
Ion Ratio Lower Upper
105 100
120 49.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.783 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

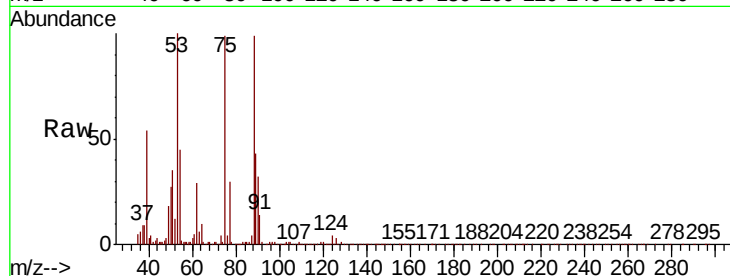
Tot Ion: 75 Resp: 42629

Ion Ratio Lower Upper

75 100

53 102.4 74.8 112.2

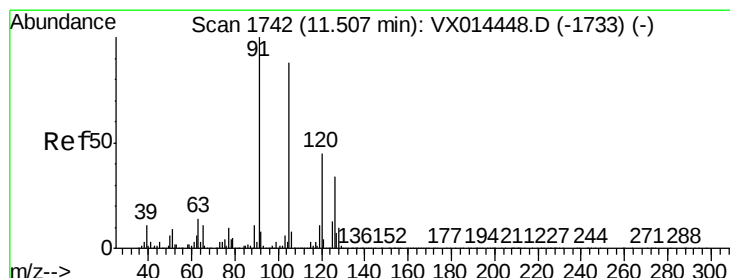
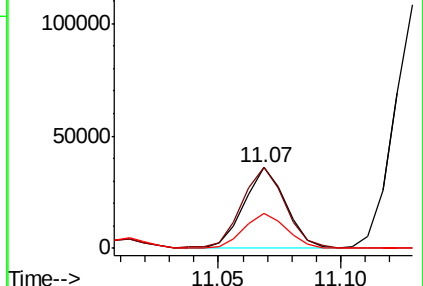
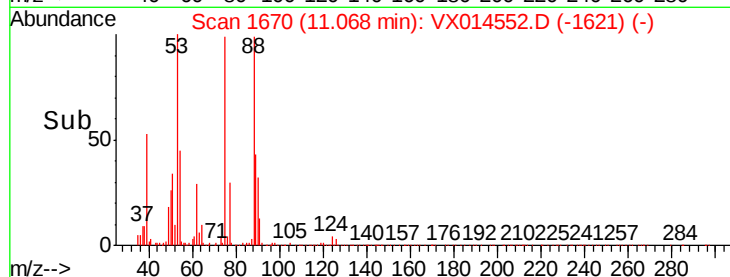
89 45.7 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.362 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014552.D

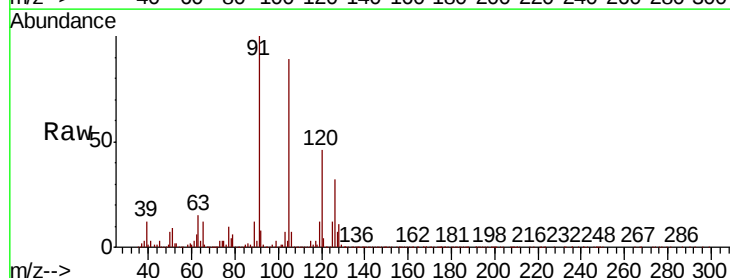
Acq: 10 Jan 2020 22:10

Tgt Ion: 91 Resp: 333677

Ion Ratio Lower Upper

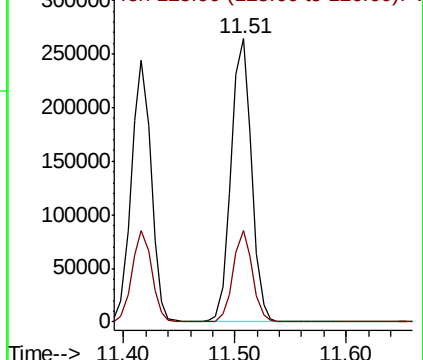
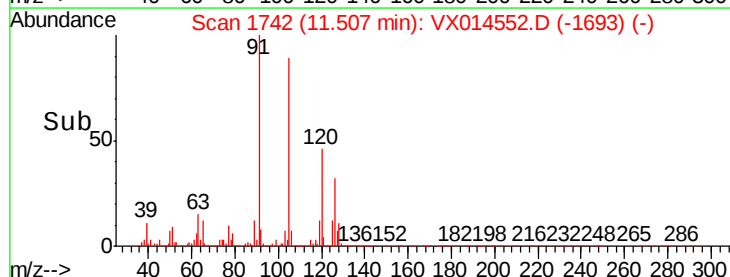
91 100

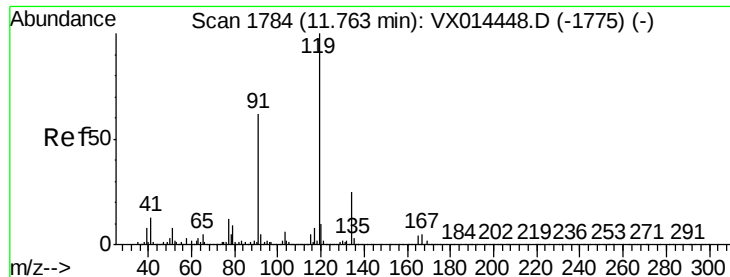
126 30.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.431 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

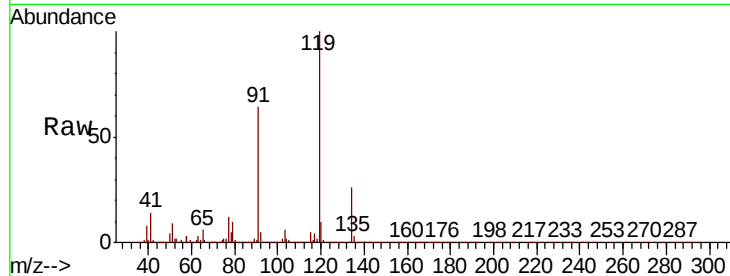
Tot Ion:119 Resp: 310999

Ion Ratio Lower Upper

119 100

91 64.4 29.3 88.0

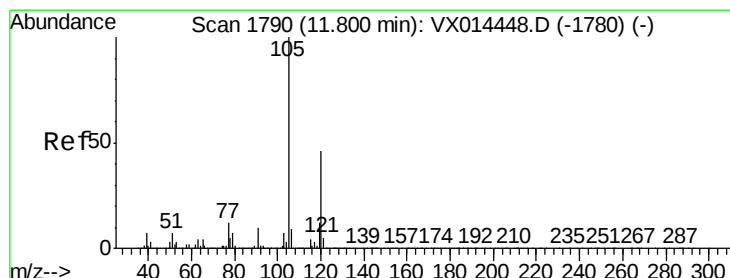
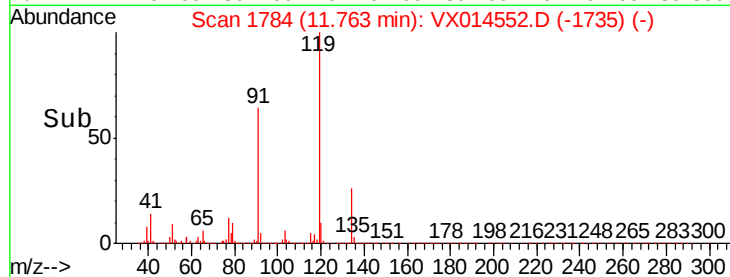
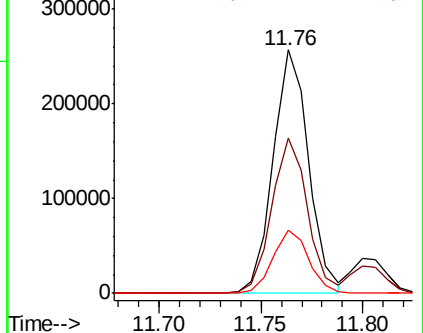
134 26.3 12.4 37.4



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: 19.970 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014552.D

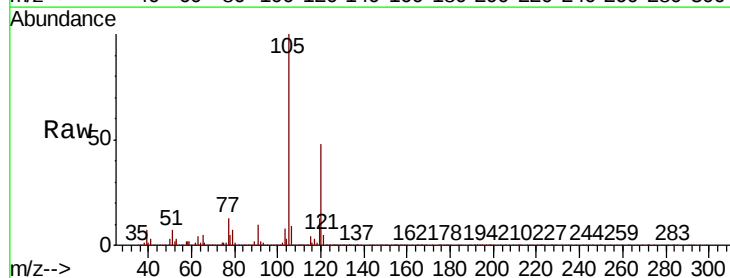
Acq: 10 Jan 2020 22:10

Tgt Ion:105 Resp: 360369

Ion Ratio Lower Upper

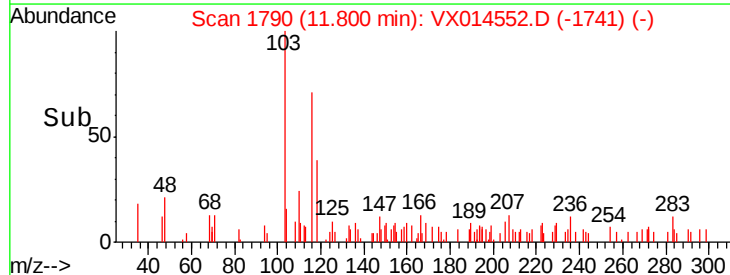
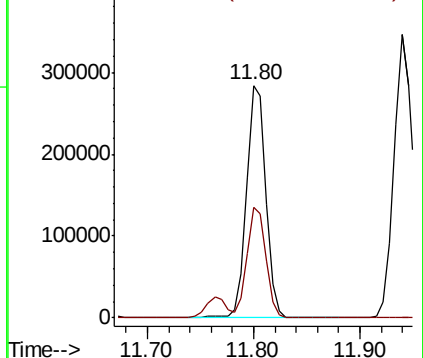
105 100

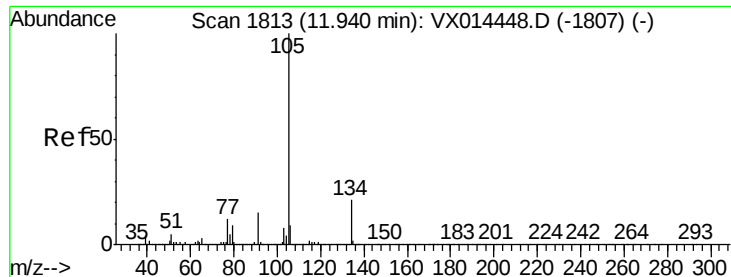
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

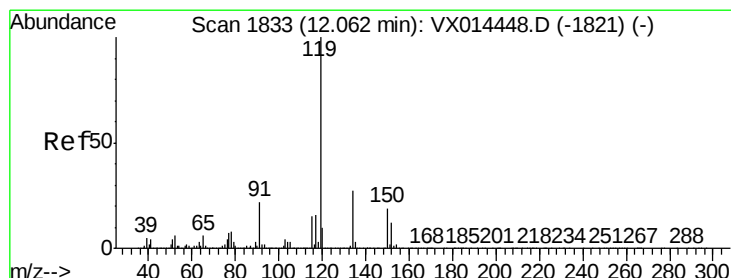
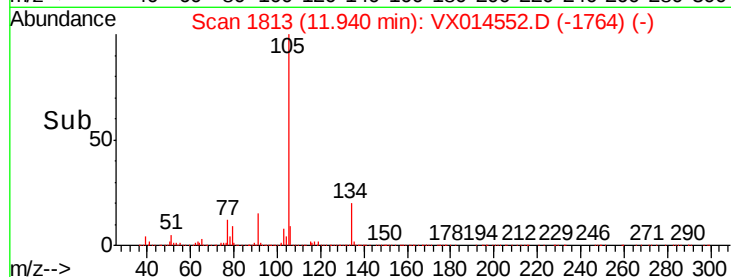
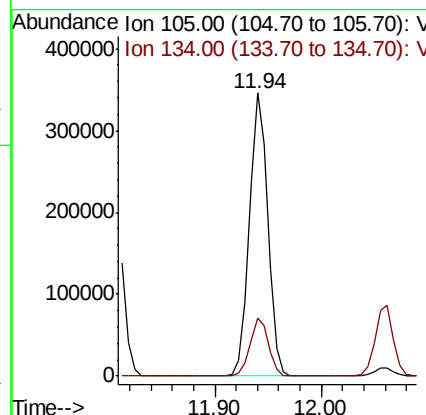
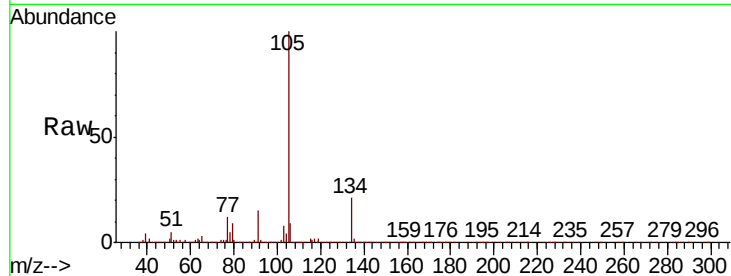




#85
 sec-Butylbenzene
 Concen: 20.060 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

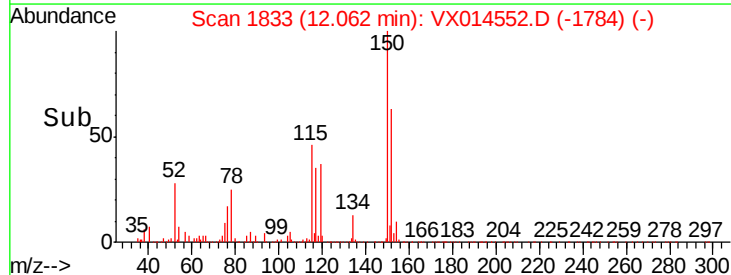
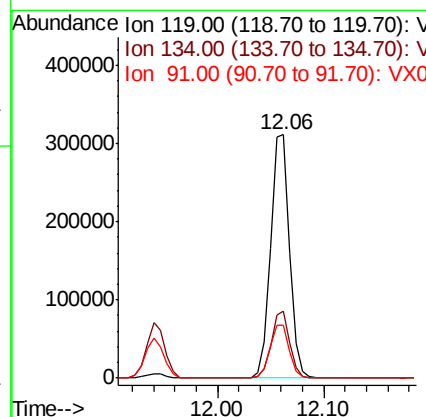
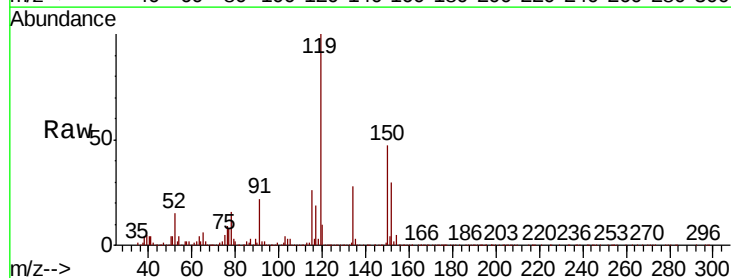
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

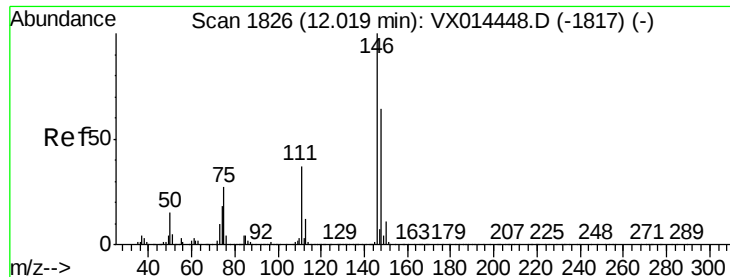
Tot Ion:105 Resp: 420807
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.873 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion:119 Resp: 386833
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.3 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.907 ug/l

RT: 12.02 min Scan# 1826

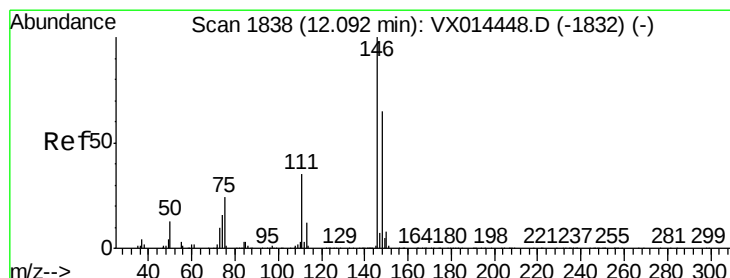
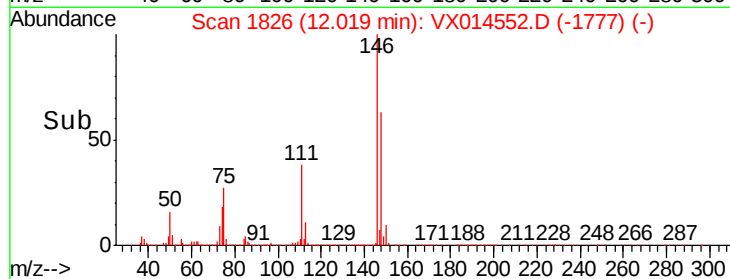
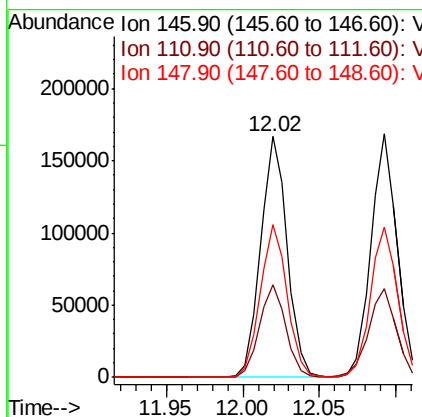
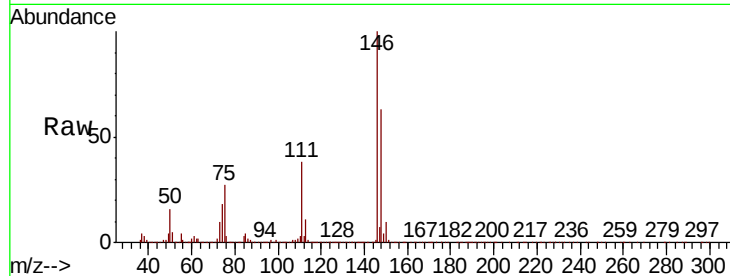
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.9	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.580 ug/l

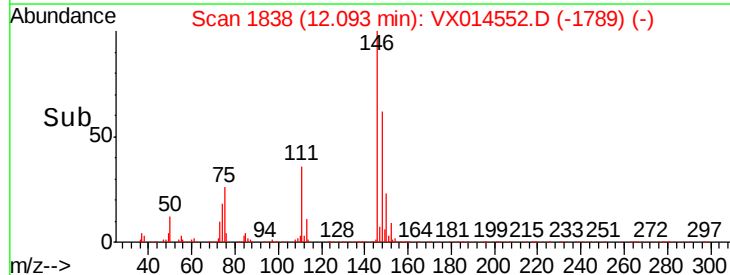
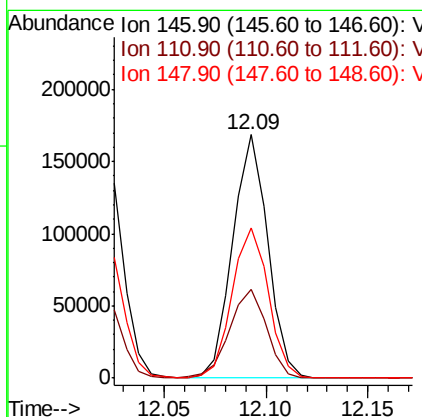
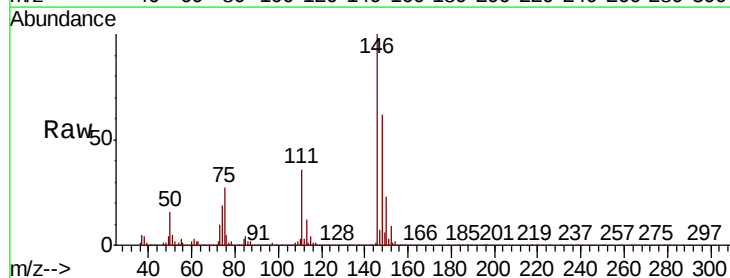
RT: 12.09 min Scan# 1838

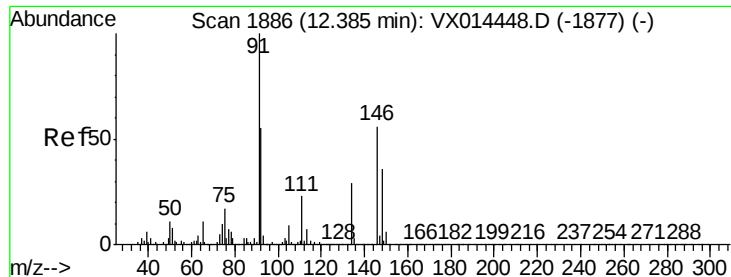
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	63.8	32.1	96.3





#89

n-Butylbenzene

Concen: 17.743 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

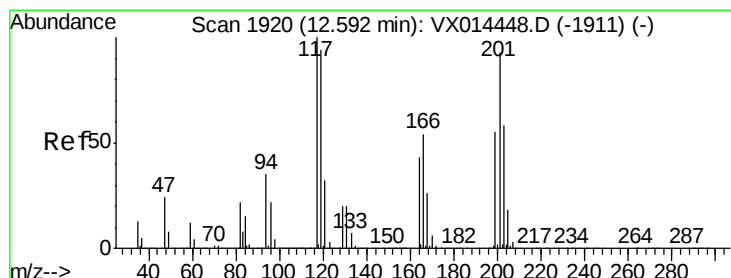
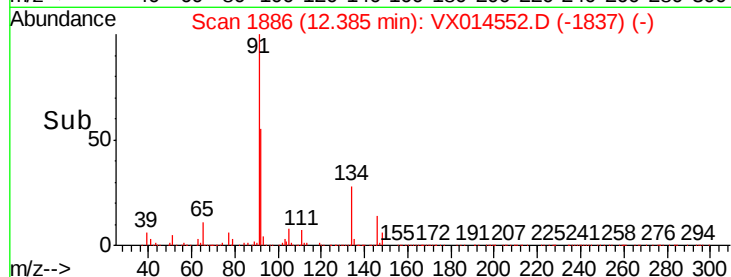
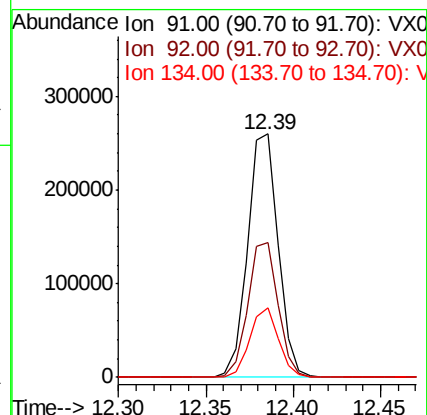
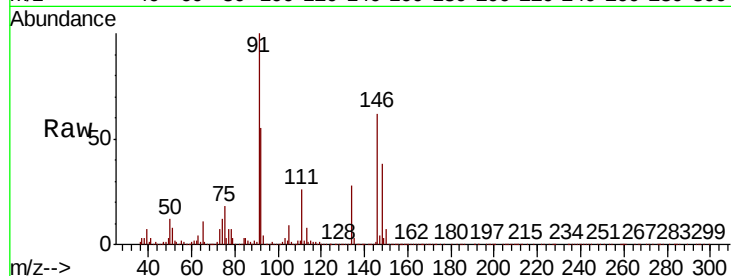
Tot Ion: 91 Resp: 315780

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.2

134 27.0 13.9 41.7



#90

Hexachloroethane

Concen: 18.591 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014552.D

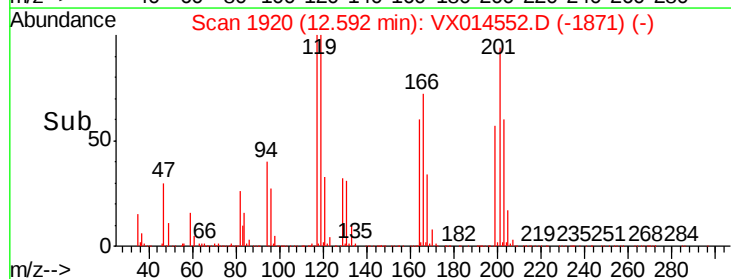
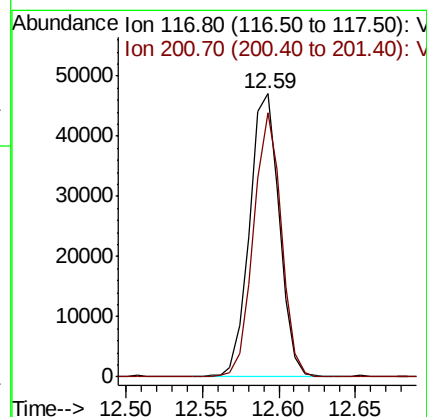
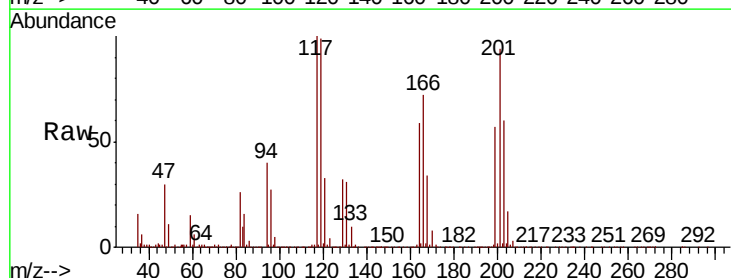
Acq: 10 Jan 2020 22:10

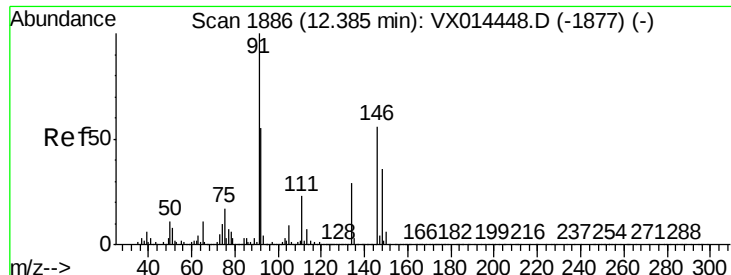
Tgt Ion: 117 Resp: 63568

Ion Ratio Lower Upper

117 100

201 87.3 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.353 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

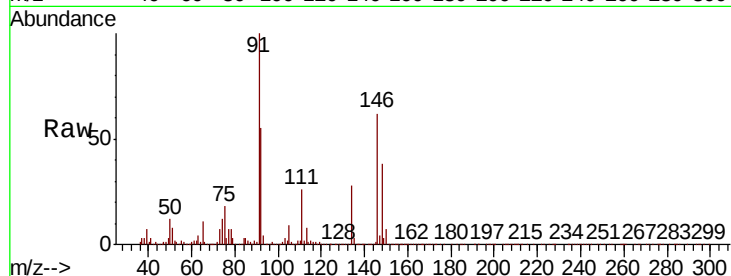
Tot Ion:146 Resp: 202990

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.4

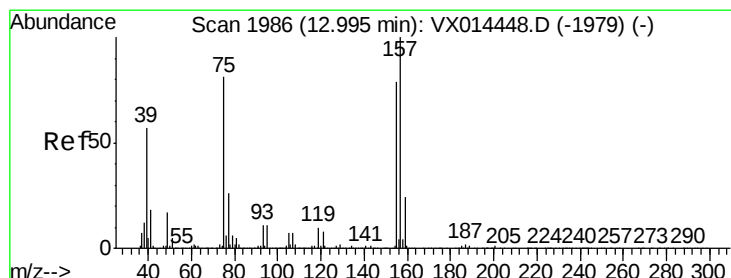
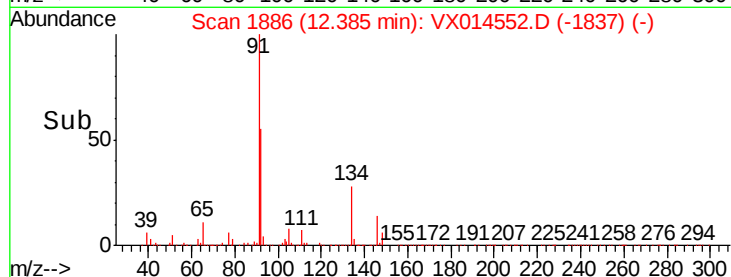
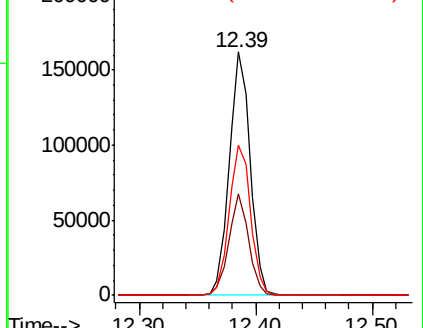
148 63.1 32.3 96.8



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: 19.211 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

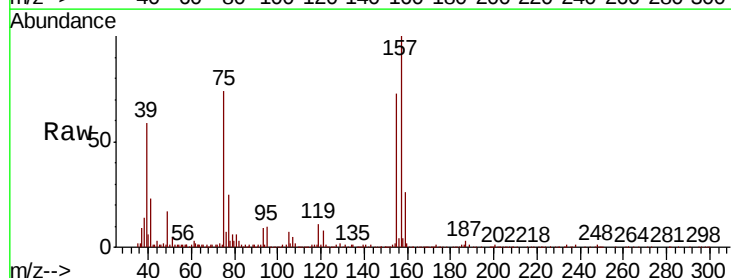
Tgt Ion: 75 Resp: 29809

Ion Ratio Lower Upper

75 100

155 97.7 48.7 146.1

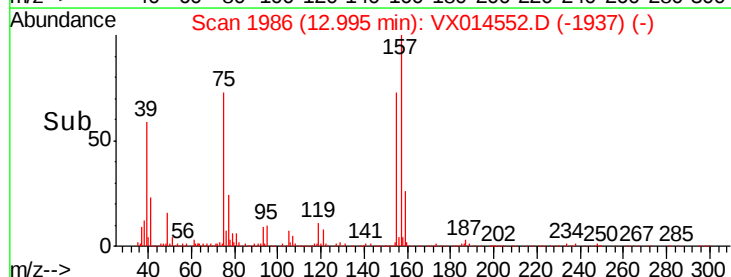
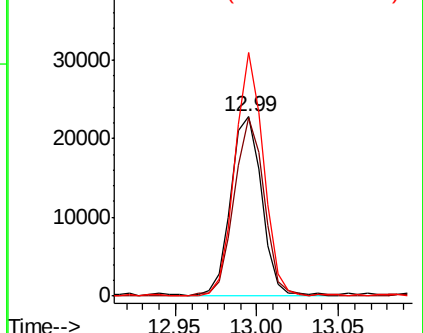
157 125.8 62.0 185.9

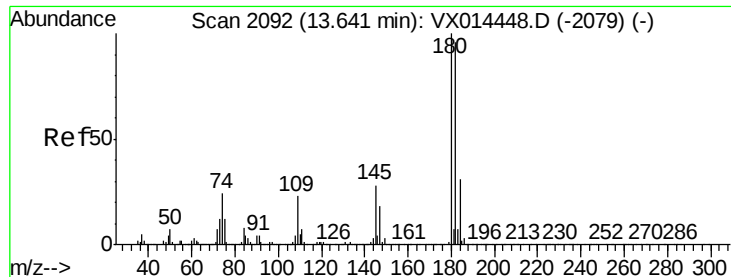


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

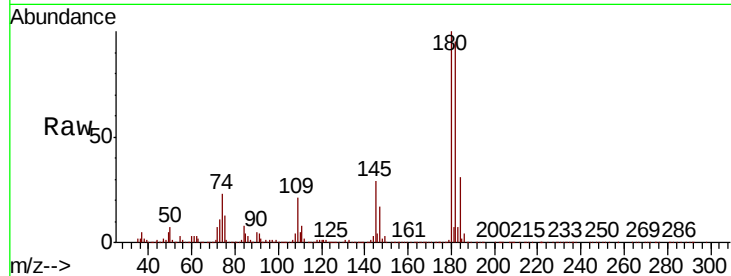




#93
 1,2,4-Trichlorobenzene
 Concen: 17.816 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.5
145	29.0	13.9	41.6

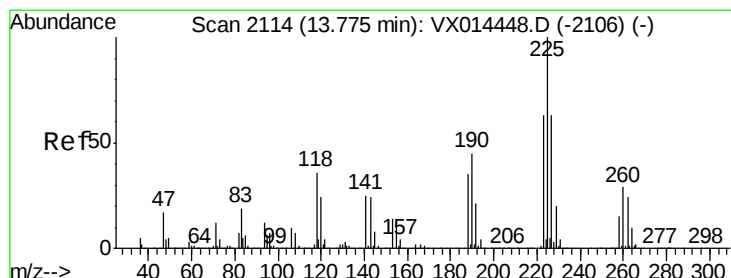
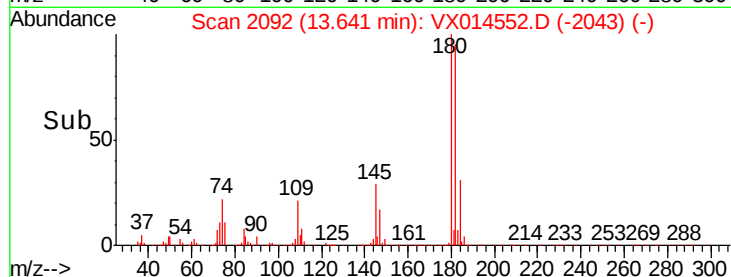
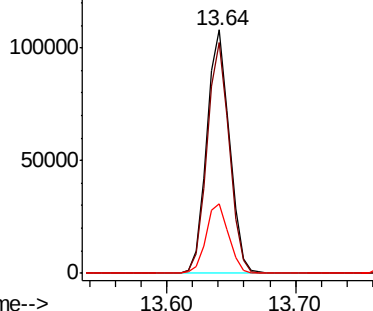


Abundance

Ion 179.80 (179.50 to 180.50): V

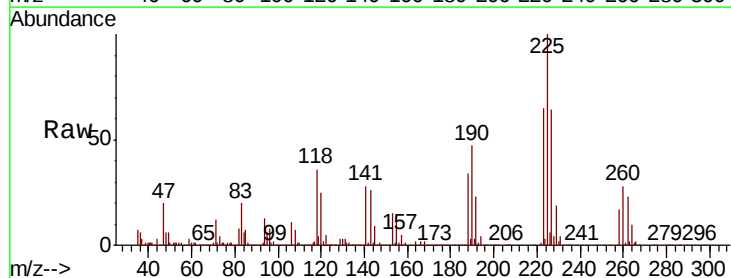
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.352 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.1	93.2
227	64.8	31.4	94.2

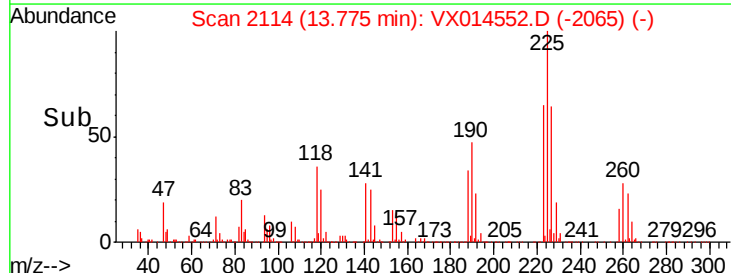
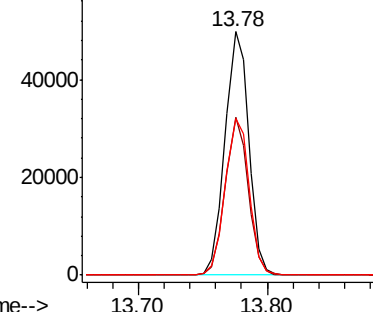


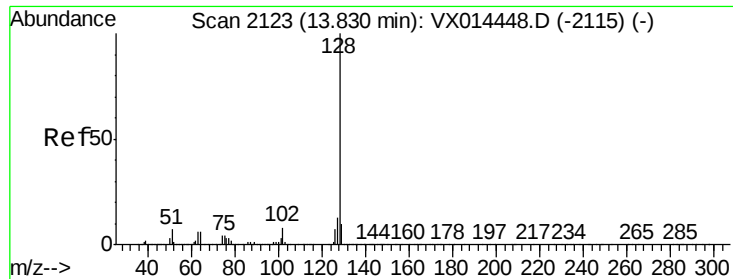
Abundance

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

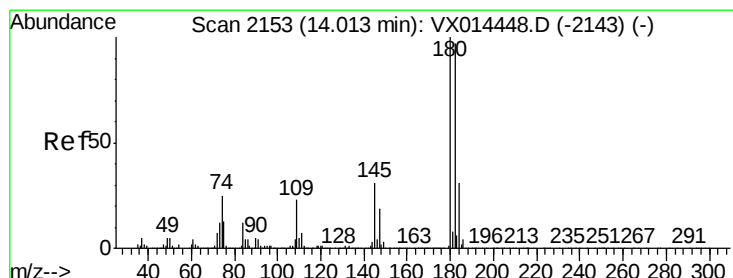
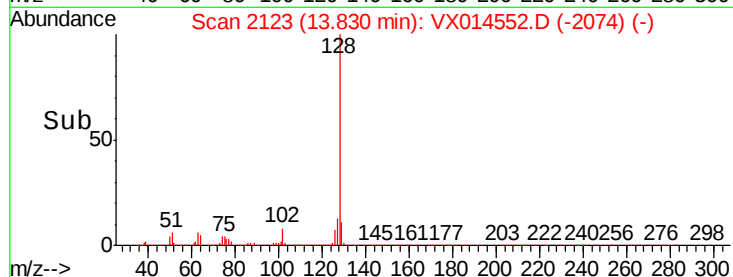
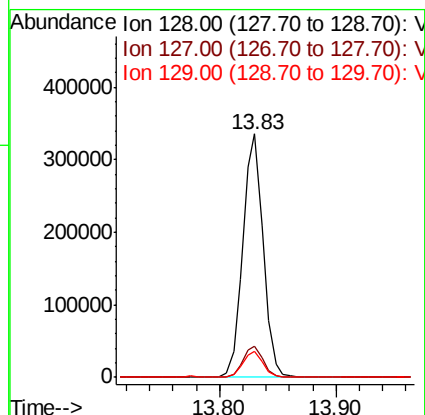
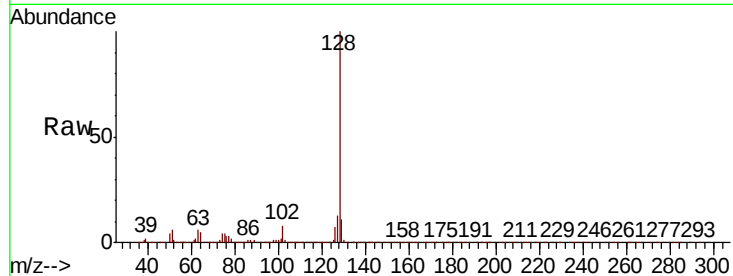




#95
Naphthalene
Concen: 17.870 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion:128 Resp: 408305
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.604 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion:180 Resp: 135630
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 29.2 14.8 44.3

