

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014694.D
 Acq On : 24 Jan 2020 13:58
 Operator : JC/SP
 Sample : VX0124WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Quant Time: Jan 24 22:26:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	70881	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	382401	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	352671	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	155098	31.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.77%
60) 4-Bromofluorobenzene	11.13	95	170030	30.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.43%
63) Toluene-d8	8.71	98	482690	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	98880	20.186	ug/l 98
3) Chloromethane	1.32	50	107107	19.971	ug/l 96
4) Vinyl Chloride	1.40	62	118563	19.689	ug/l 100
5) Bromomethane	1.64	94	68326	18.183	ug/l 99
6) Chloroethane	1.72	64	68565	20.198	ug/l 98
7) Trichlorofluoromethane	1.92	101	131356	19.700	ug/l 99
8) Diethyl Ether	2.18	74	60090	20.632	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79320	20.333	ug/l 99
10) 1,1-Dichloroethene	2.37	96	75204	19.166	ug/l 93
11) Methyl Iodide	2.50	142	102933	19.561	ug/l 98
12) Methyl Acetate	2.76	43	151773	21.412	ug/l 98
13) Acrolein	2.28	56	65966	88.600	ug/l 99
14) Acrylonitrile	3.13	53	246222	101.518	ug/l 99
15) Acetone	2.43	58	80706	99.256	ug/l 93
16) Carbon Disulfide	2.56	76	200858	18.638	ug/l 98
17) Allyl chloride	2.72	41	141261	19.453	ug/l 95
18) Methylene Chloride	2.85	84	92039	20.042	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	82924	19.632	ug/l 98
20) Diisopropyl ether	3.84	45	292623	20.367	ug/l 91
21) 1,1-Dichloroethane	3.69	63	156100	19.999	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	96792	19.941	ug/l 96
23) tert-Butyl Alcohol	3.02	59	102573	102.260	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	268562	20.566	ug/l 100
25) Chloroform	5.20	83	150475	19.902	ug/l 96
26) Cyclohexane	5.57	56	140460	19.510	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	113107	20.168	ug/l 99
30) 2-Butanone	4.65	43	368628	103.763	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	126193	20.339	ug/l 99
33) Carbon Tetrachloride	5.78	117	107375	20.158	ug/l 99
34) Benzene	6.13	78	351695	20.294	ug/l 98
35) Methacrylonitrile	5.03	41	71775	20.229	ug/l 99
36) 1,2-Dichloroethane	6.18	62	126309	20.944	ug/l 97
37) Trichloroethene	7.21	130	97293	20.504	ug/l 99
38) Methylcyclohexane	7.45	83	140464	20.116	ug/l 99
39) 1,2-Dichloropropane	7.51	63	92575	20.543	ug/l 94
40) Dibromomethane	7.65	93	60590	20.921	ug/l 100
41) Bromodichloromethane	7.89	83	115490	20.363	ug/l 97

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 ClientSampleID :
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.80	43	1039935	94.973	ug/l	99
43) Ethyl Acetate	4.82	43	135372	21.050	ug/l	99
44) Isopropyl Acetate	6.43	43	214371	20.663	ug/l	99
45) 1,4-Dioxane	7.73	88	45688	440.249	ug/l	99
46) Methyl methacrylate	7.76	41	104888	20.559	ug/l	99
47) n-amyl Acetate	10.89	43	173966	20.012	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	126536	20.436	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	142713	20.455	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	93650	21.251	ug/l	96
51) Ethyl methacrylate	9.17	69	139251	20.294	ug/l	97
52) 1,3-Dichloropropane	9.37	76	157384	21.078	ug/l	100
53) Dibromochloromethane	9.57	129	91909	20.390	ug/l	100
54) 1,2-Dibromoethane	9.67	107	96734	21.165	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	305390	96.842	ug/l	100
56) Bromoform	10.85	173	68706	19.788	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	691518	104.123	ug/l	99
59) 2-Hexanone	9.48	43	532717	103.715	ug/l	99
61) Tetrachloroethene	9.33	164	123630	23.717	ug/l	97
62) Toluene	8.78	91	380154	20.317	ug/l	100
64) Chlorobenzene	10.14	112	235902	20.196	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	87764	20.344	ug/l	100
66) Ethyl Benzene	10.25	91	406071	19.925	ug/l	98
67) m/p-Xylenes	10.36	106	312992	40.094	ug/l	100
68) o-Xylene	10.69	106	150557	19.806	ug/l	98
69) Styrene	10.71	104	254509	19.760	ug/l	98
70) Isopropylbenzene	11.01	105	400727	20.122	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	134654	20.073	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	157591	27.464	ug/l	94
73) Bromobenzene	11.25	156	104180	19.734	ug/l	99
74) n-propylbenzene	11.35	91	462362	20.318	ug/l	99
75) 2-Chlorotoluene	11.42	91	278116	20.392	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	341116	20.556	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	42701	19.335	ug/l	99
78) 4-Chlorotoluene	11.51	91	314374	20.297	ug/l	99
79) tert-butylbenzene	11.76	119	299713	19.303	ug/l	95
80) 1,2,4-Trimethylbenzene	11.80	105	339466	20.510	ug/l	100
81) sec-Butylbenzene	11.94	105	387782	20.183	ug/l	99
82) p-Isopropyltoluene	12.06	119	356936	20.350	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	186392	20.221	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	185268	20.273	ug/l	99
85) n-Butylbenzene	12.39	91	300718	19.595	ug/l	99
86) Hexachloroethane	12.59	117	61296	19.488	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	188792	20.298	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28144	19.640	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	123784	20.163	ug/l	98
90) Hexachlorobutadiene	13.78	225	62891	20.502	ug/l	99
91) Naphthalene	13.83	128	367378	19.825	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	125453	20.077	ug/l	99

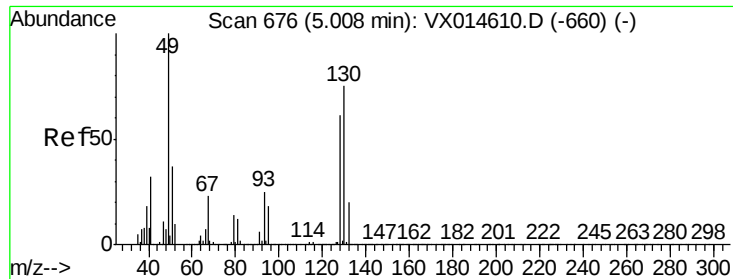
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
Data File : VX014694.D
Acq On : 24 Jan 2020 13:58
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Instrument :
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ClientSampleId :
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Quant Time: Jan 24 22:26:16 2020
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QLast Update : Wed Jan 15 12:41:12 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

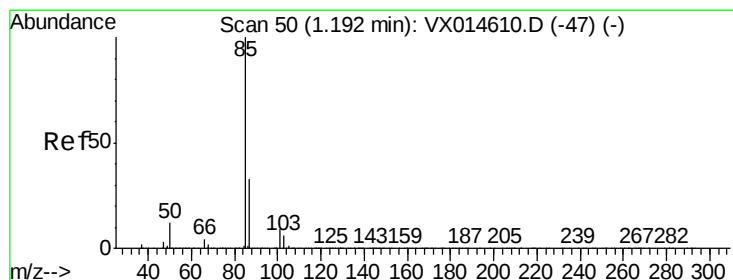
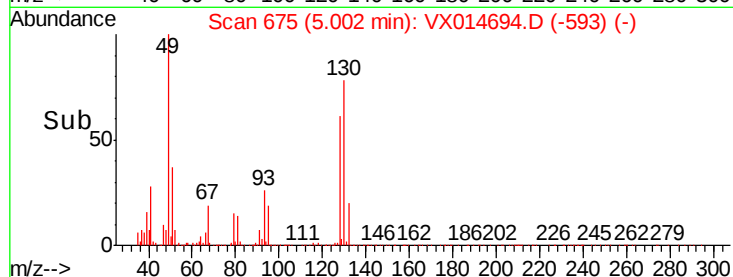
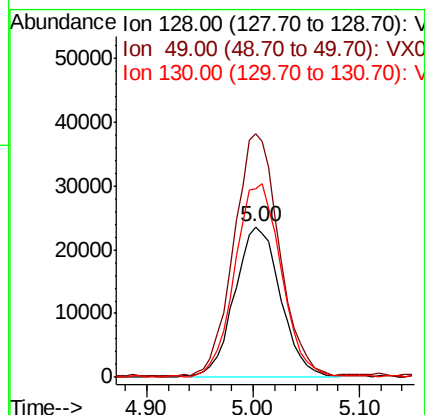
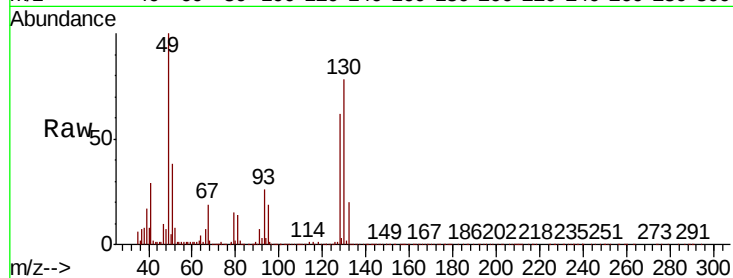
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

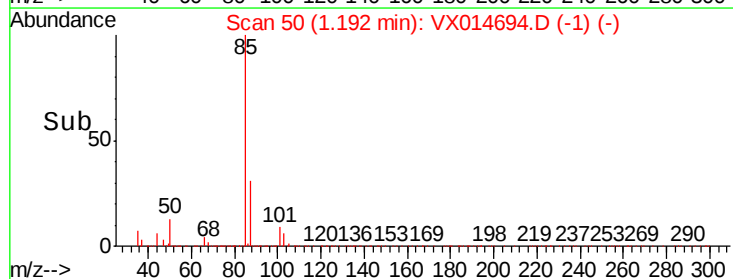
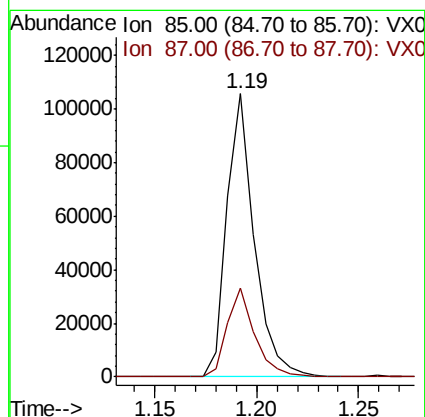
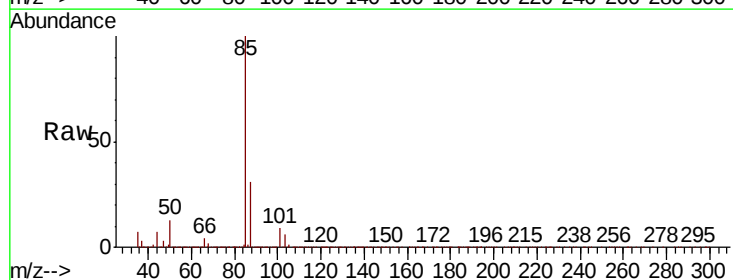
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

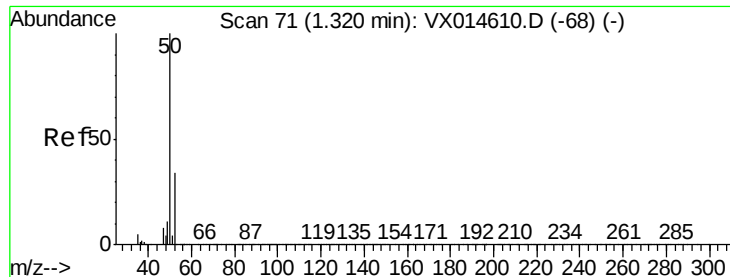
Tot Ion:128 Resp: 70881
 Ion Ratio Lower Upper
 128 100
 49 157.8 0.0 405.0
 130 130.8 0.0 321.5



#2
 Dichlorodifluoromethane
 Concen: 20.186 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion: 85 Resp: 98880
 Ion Ratio Lower Upper
 85 100
 87 31.3 16.3 48.9





#3

Chloromethane

Concen: 19.971 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

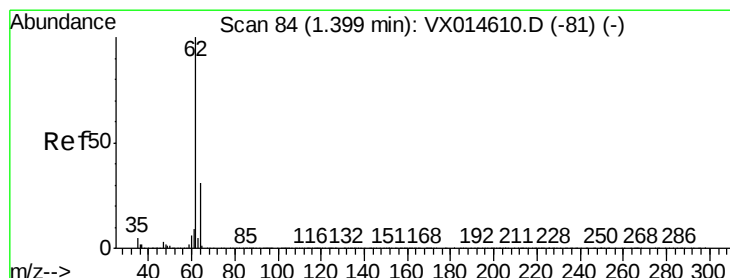
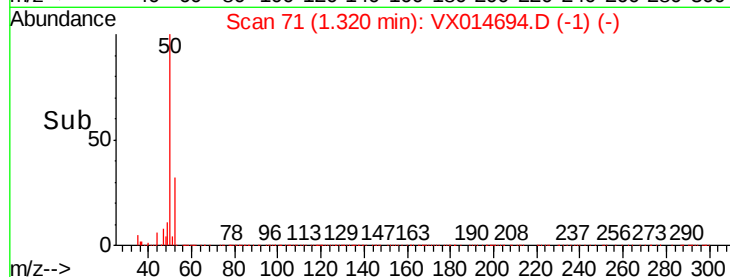
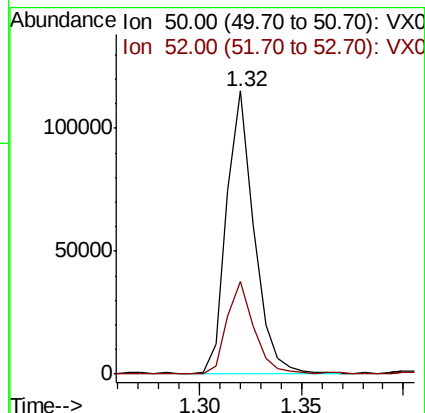
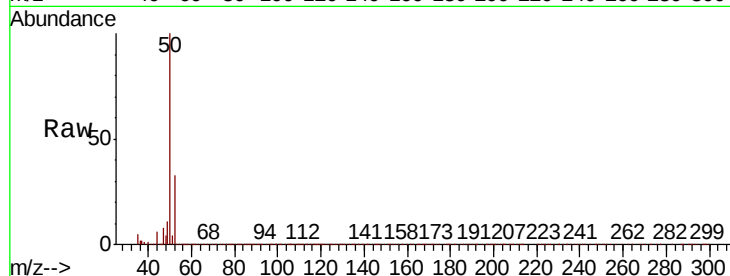
VX0124WBSD01

Tot Ion: 50 Resp: 107107

Ion Ratio Lower Upper

50 100

52 32.3 24.3 36.5



#4

Vinyl Chloride

Concen: 19.689 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014694.D

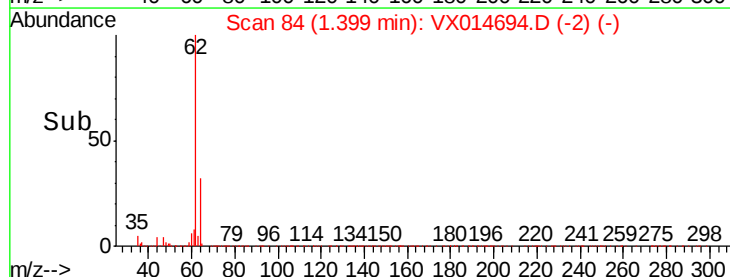
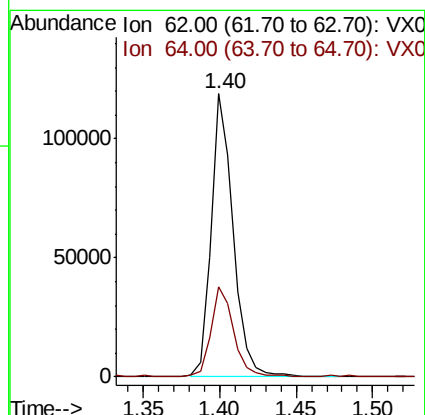
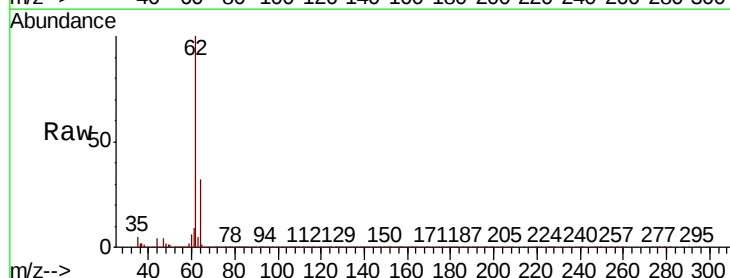
Acq: 24 Jan 2020 13:58

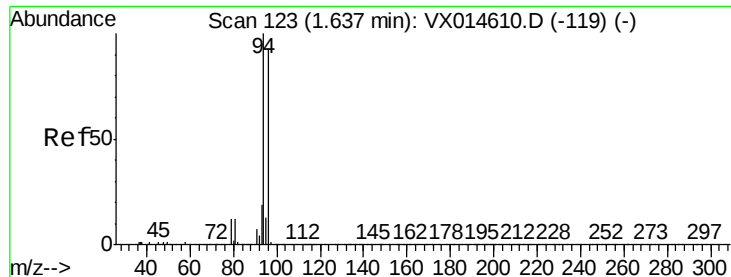
Tgt Ion: 62 Resp: 118563

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 18.183 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

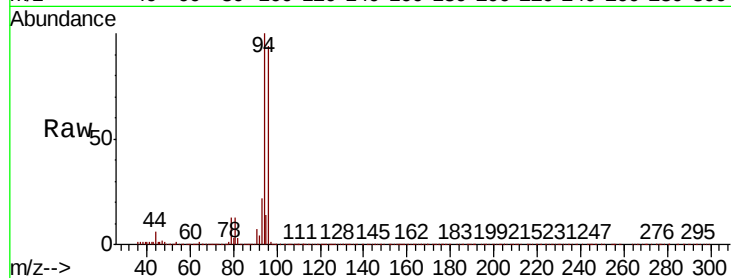
VX0124WBSD01

Tot Ion: 94 Resp: 68326

Ion Ratio Lower Upper

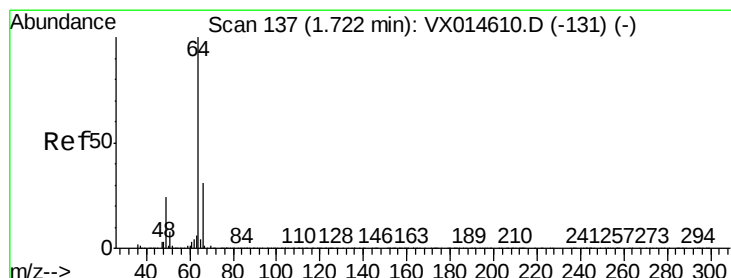
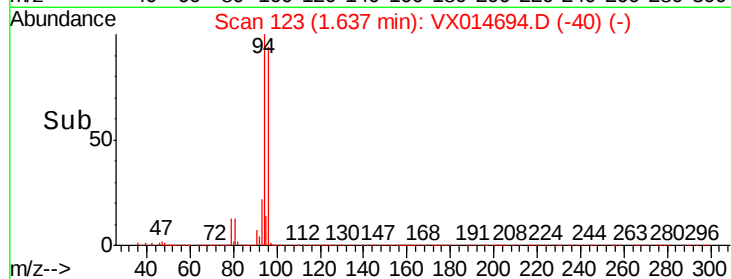
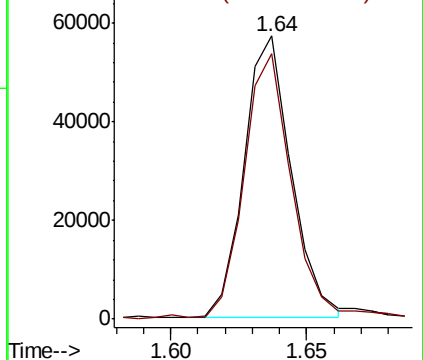
94 100

96 94.0 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.198 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014694.D

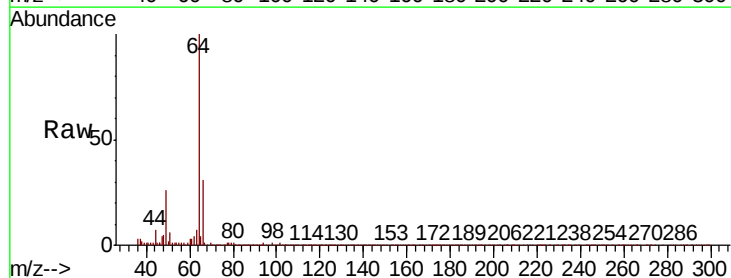
Acq: 24 Jan 2020 13:58

Tgt Ion: 64 Resp: 68565

Ion Ratio Lower Upper

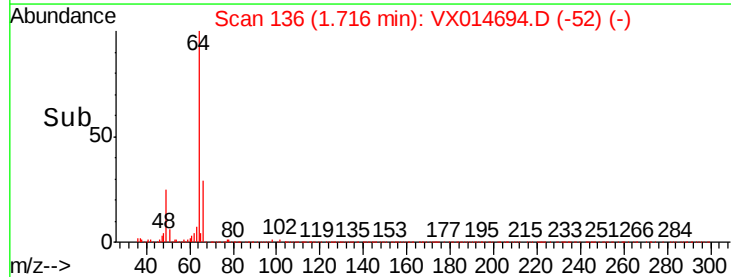
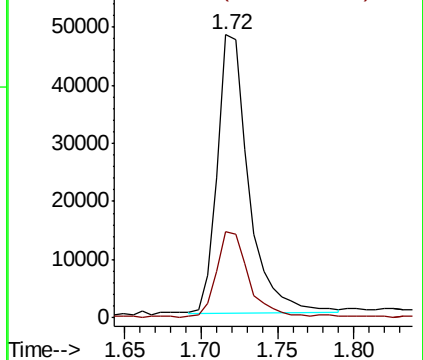
64 100

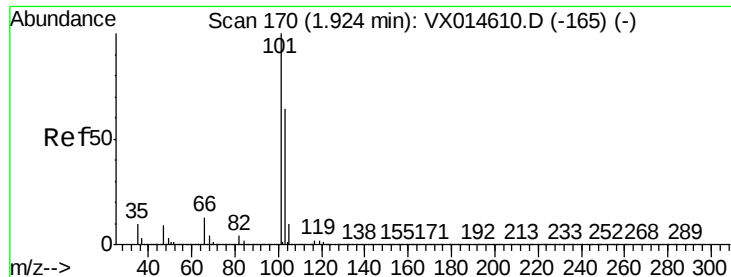
66 30.6 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



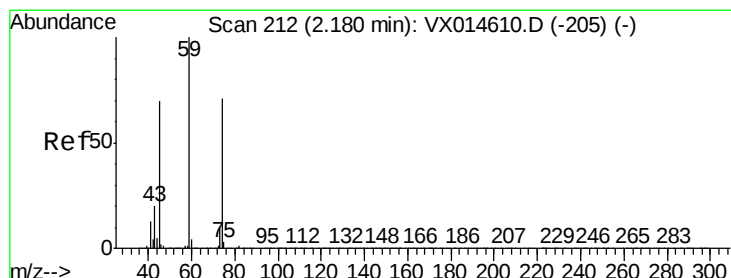
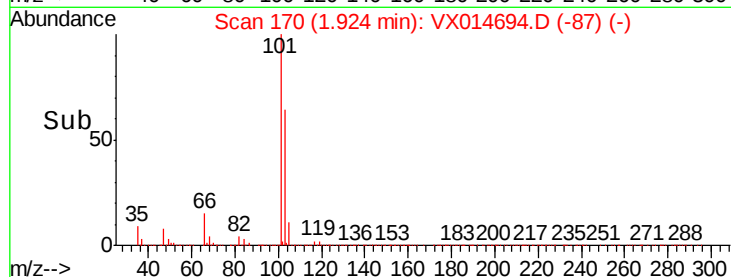
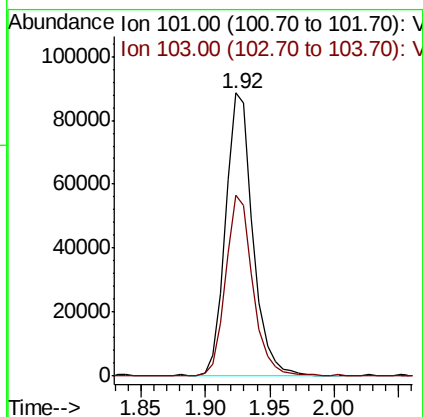
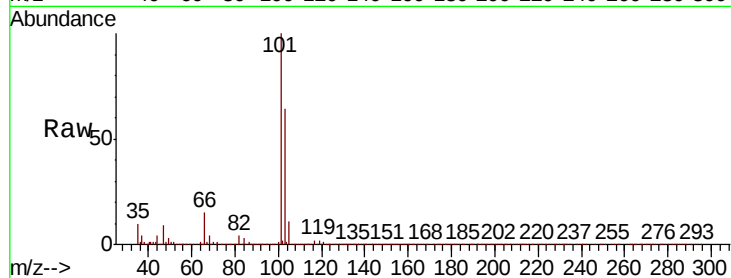


#7

Trichlorofluoromethane
Concen: 19.700 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
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ClientSampleId :
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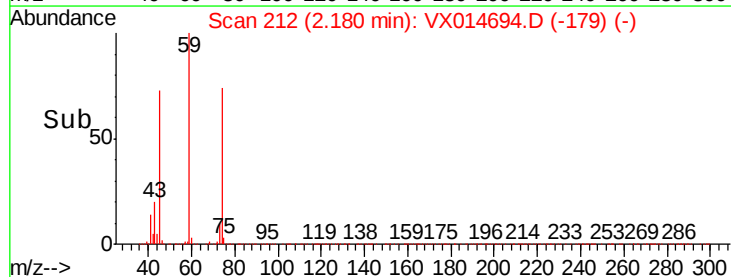
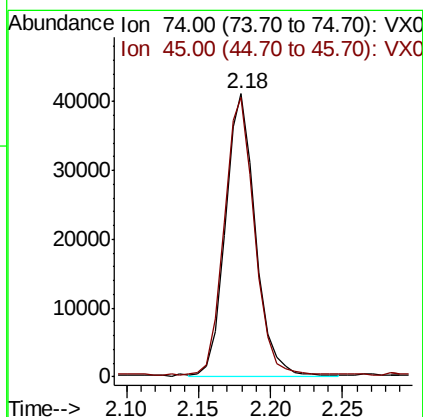
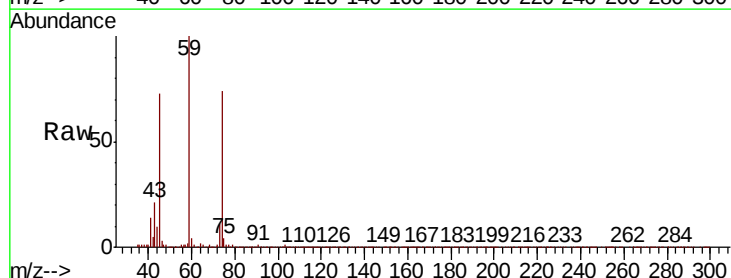
Tot Ion:101 Resp: 131356
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

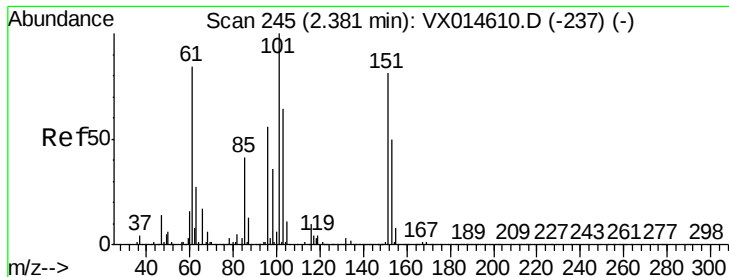


#8

Diethyl Ether
Concen: 20.632 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion: 74 Resp: 60090
Ion Ratio Lower Upper
74 100
45 99.1 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.333 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

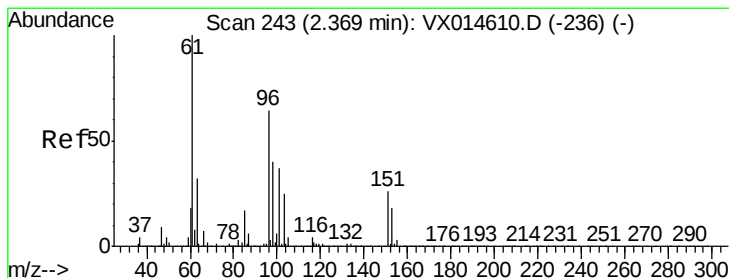
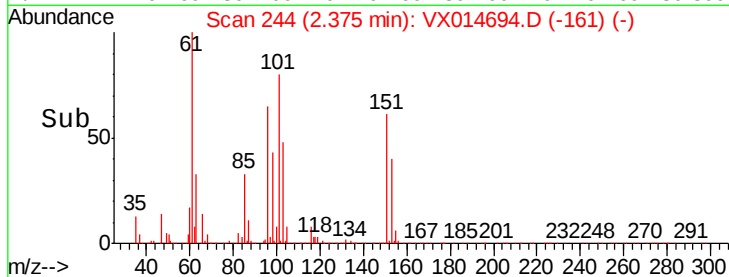
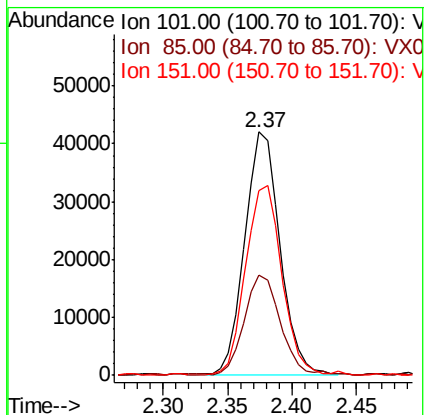
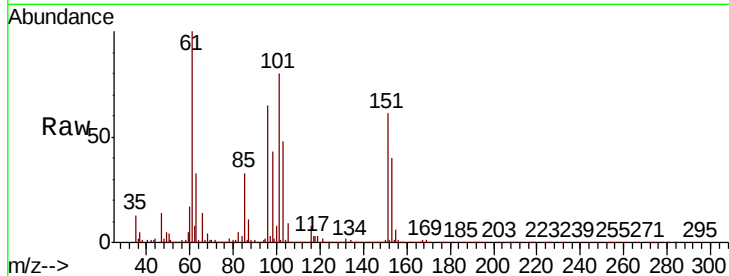
Tot Ion:101 Resp: 79320

Ion Ratio Lower Upper

101 100

85 41.4 0.0 85.6

151 79.7 0.0 159.4



#10

1,1-Dichloroethene

Concen: 19.166 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

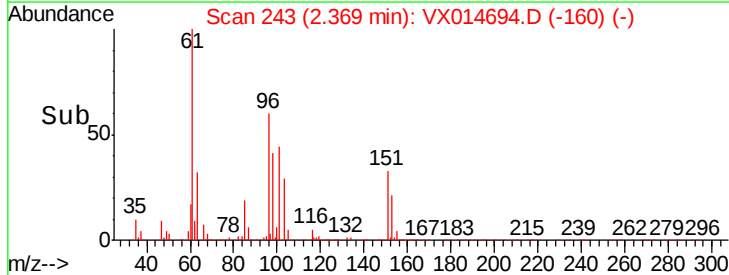
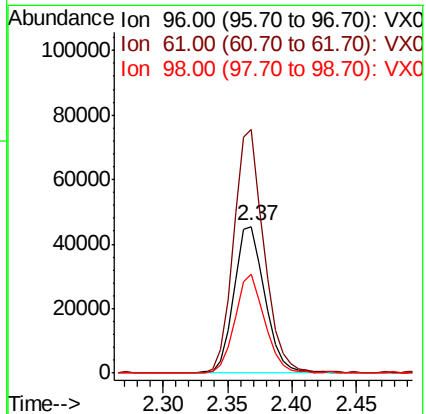
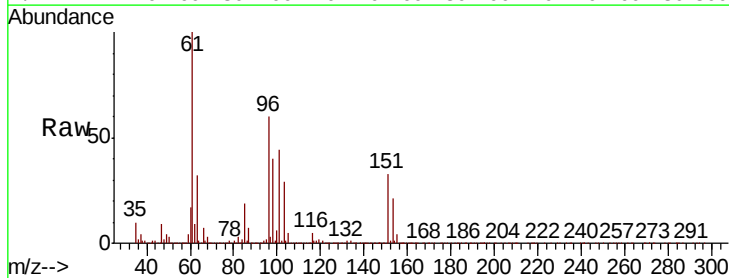
Tgt Ion: 96 Resp: 75204

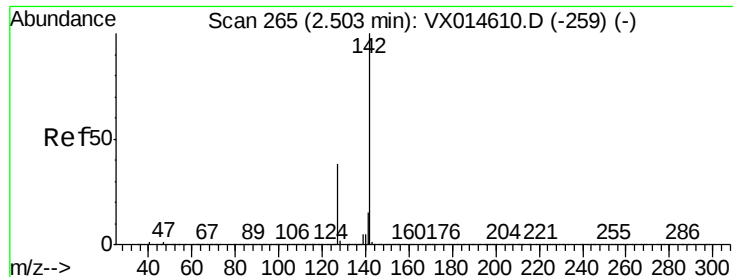
Ion Ratio Lower Upper

96 100

61 165.7 123.0 184.6

98 66.8 51.4 77.0

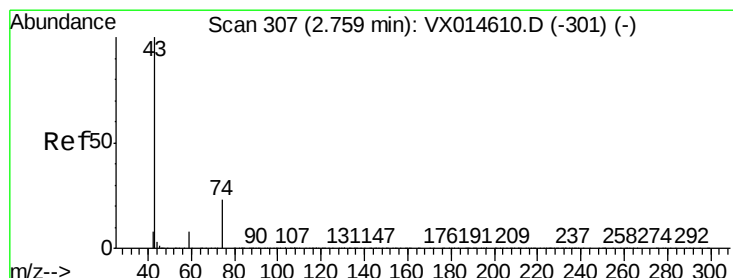
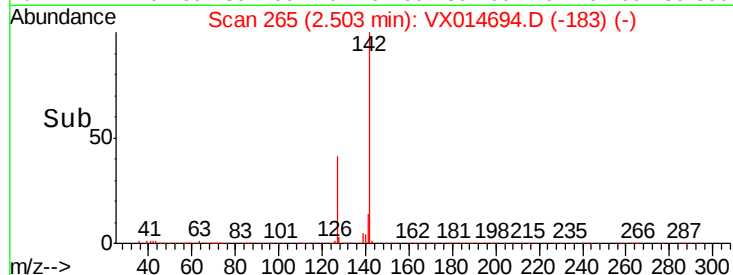
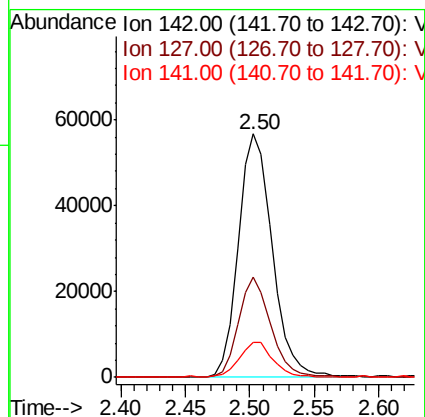
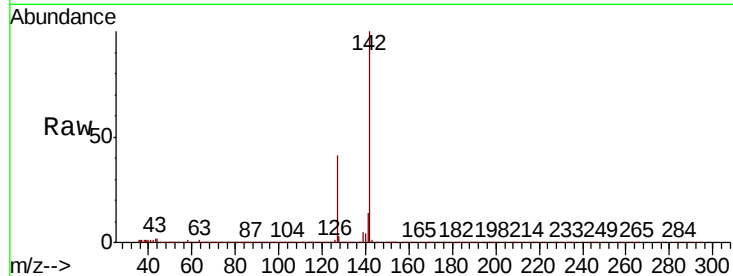




#11
Methvl Iodide
Concen: 19.561 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

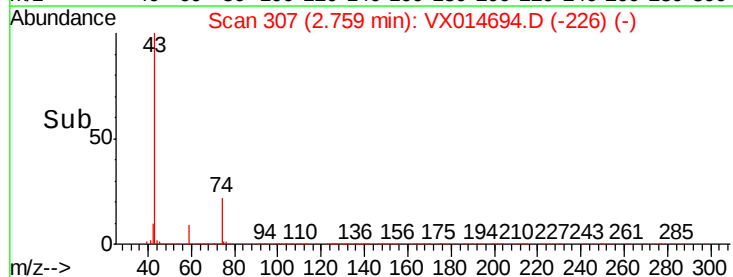
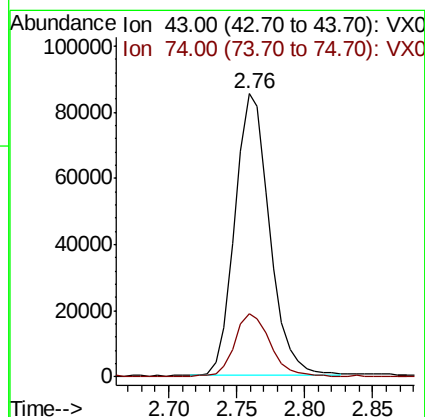
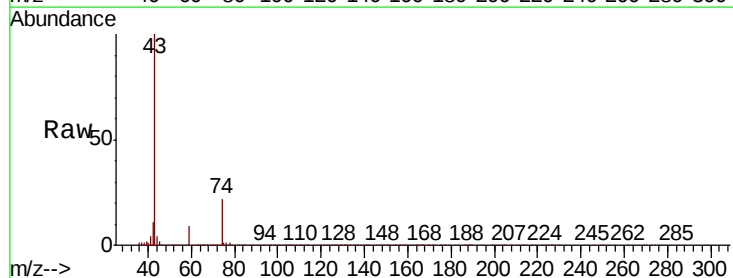
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

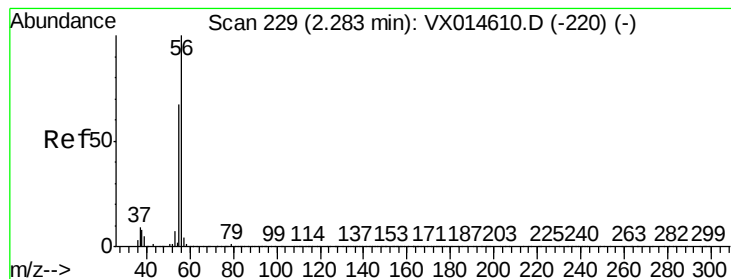
Tot Ion:142 Resp: 102933
Ion Ratio Lower Upper
142 100
127 41.0 19.5 58.5
141 13.9 7.0 20.9



#12
Methyl Acetate
Concen: 21.412 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion: 43 Resp: 151773
Ion Ratio Lower Upper
43 100
74 22.2 18.5 27.7





#13

Acrolein

Concen: 88.600 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

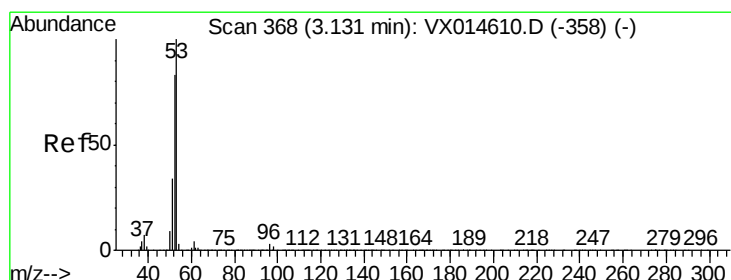
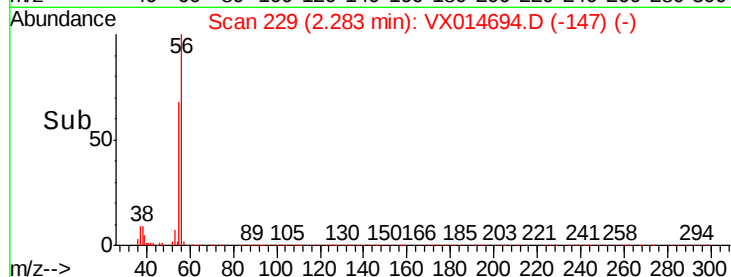
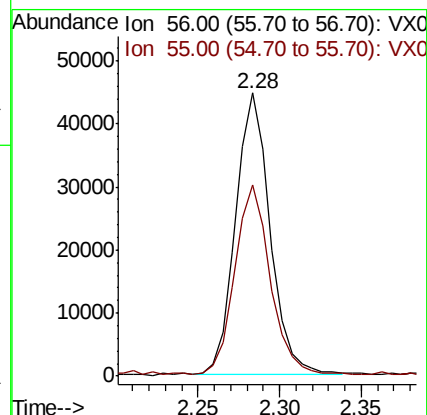
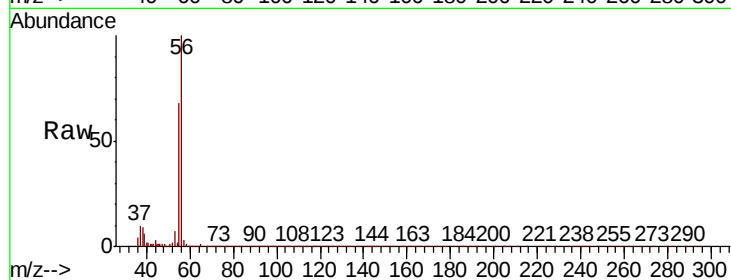
VX0124WBSD01

Tot Ion: 56 Resp: 65966

Ion Ratio Lower Upper

56 100

55 69.6 54.9 82.3



#14

Acrylonitrile

Concen: 101.518 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

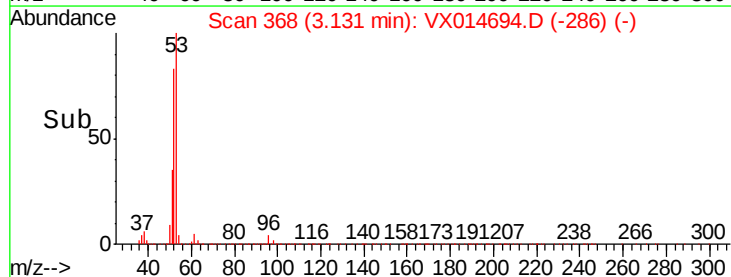
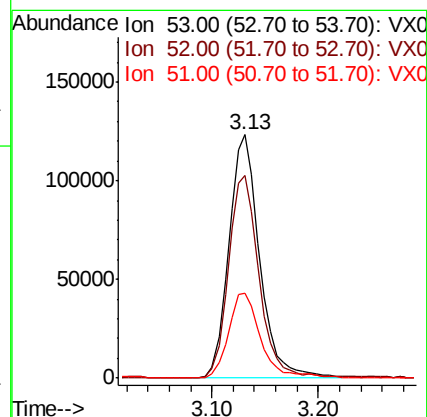
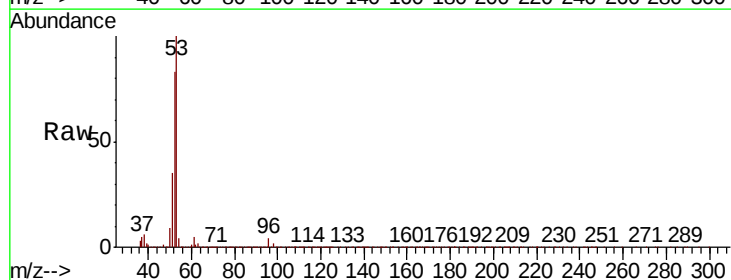
Tgt Ion: 53 Resp: 246222

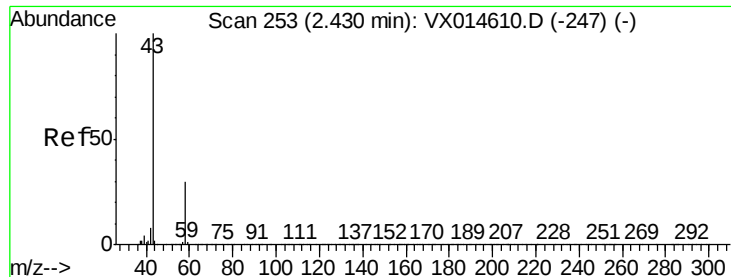
Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

51 36.3 17.8 53.5





#15

Acetone

Concen: 99.256 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

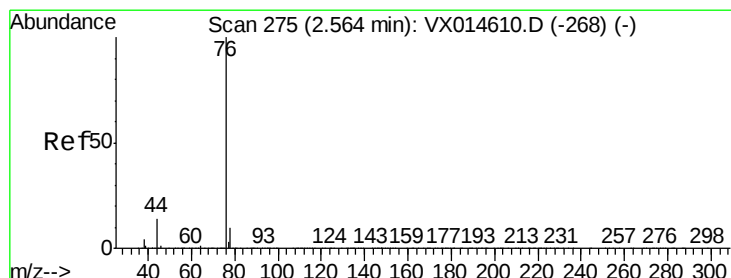
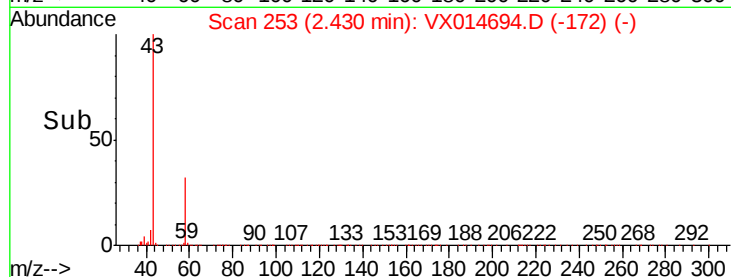
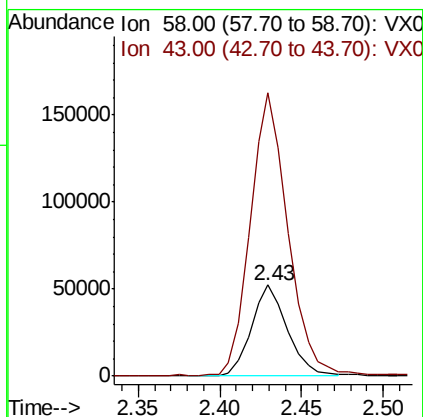
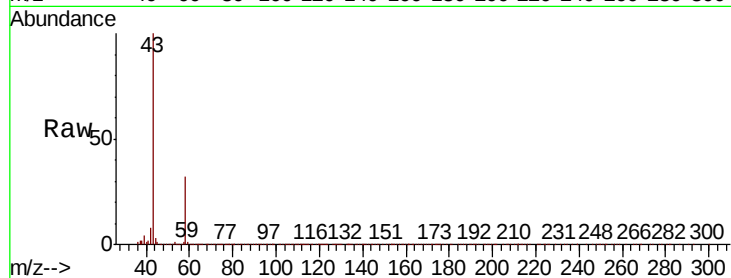
VX0124WBSD01

Tot Ion: 58 Resp: 80706

Ion Ratio Lower Upper

58 100

43 309.8 236.3 354.5



#16

Carbon Disulfide

Concen: 18.638 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014694.D

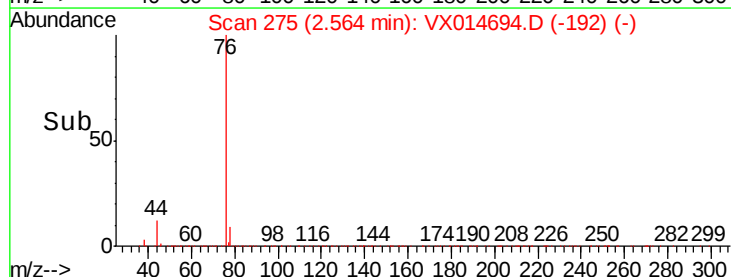
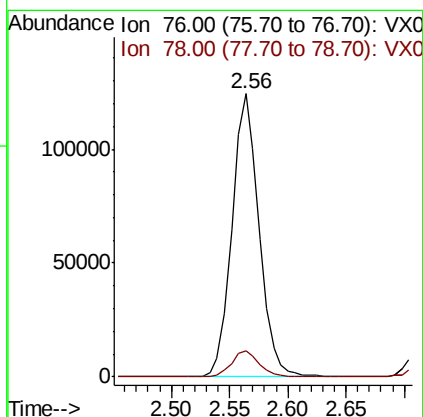
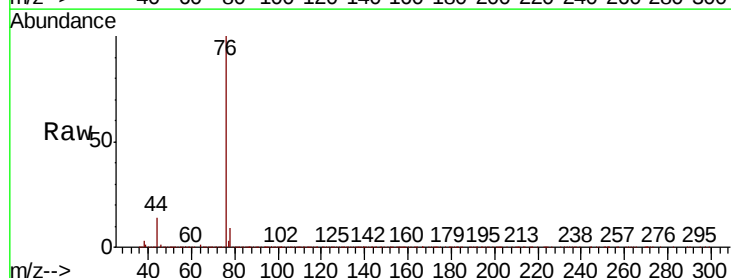
Acq: 24 Jan 2020 13:58

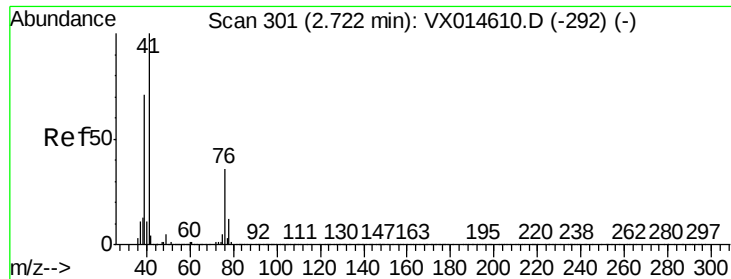
Tgt Ion: 76 Resp: 200858

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8

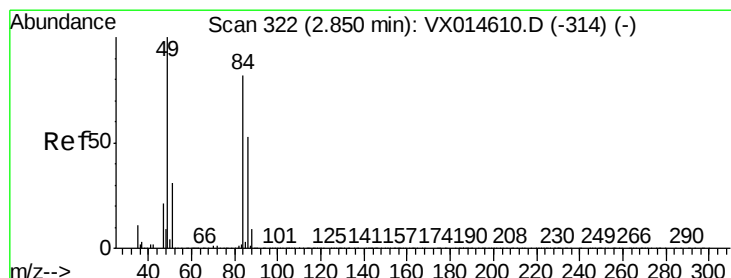
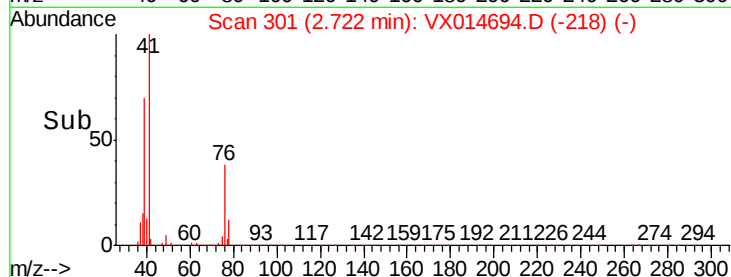
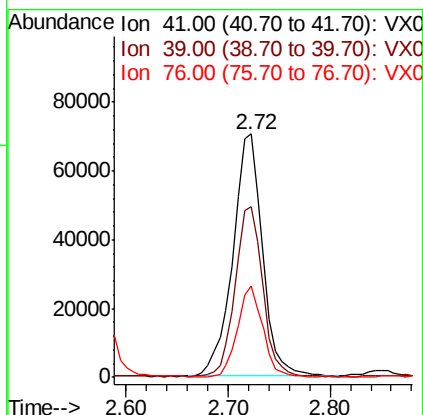
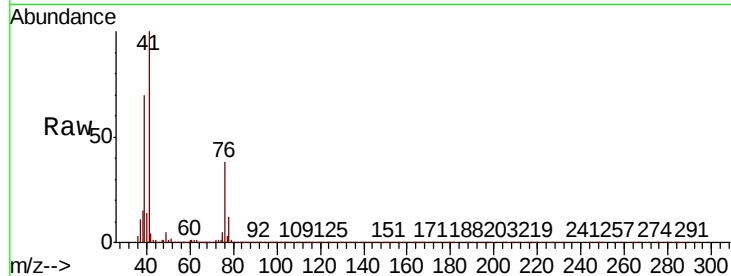




#17
Allvl chloride
Concen: 19.453 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

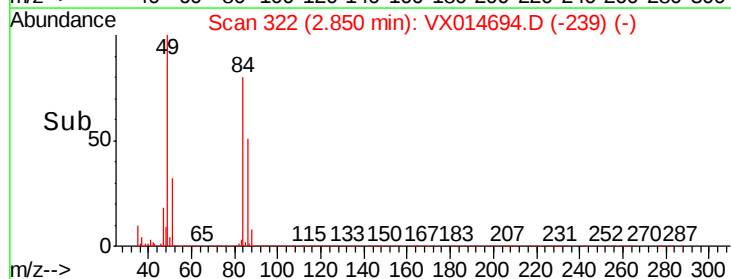
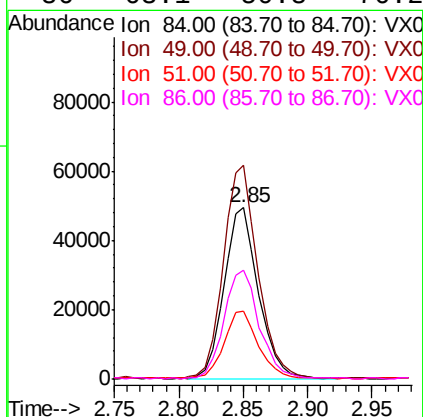
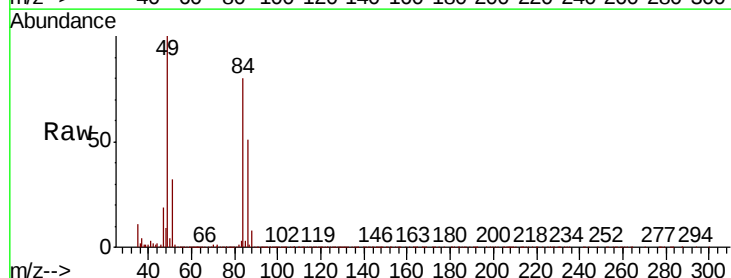
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

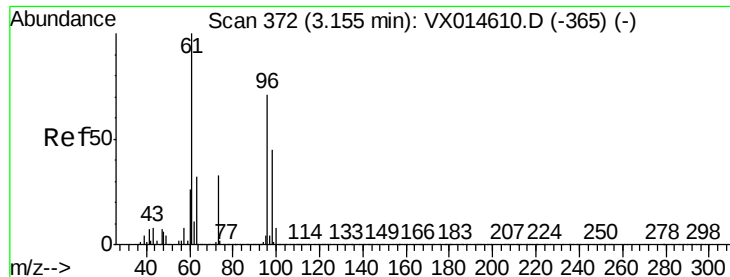
Tot Ion: 41 Resp: 141261
Ion Ratio Lower Upper
41 100
39 69.8 33.4 100.2
76 37.6 17.0 50.9



#18
Methylene Chloride
Concen: 20.042 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion: 84 Resp: 92039
Ion Ratio Lower Upper
84 100
49 124.3 102.2 153.2
51 39.4 31.4 47.0
86 63.1 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 19.632 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

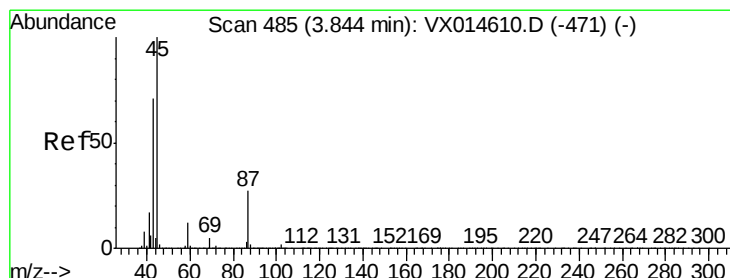
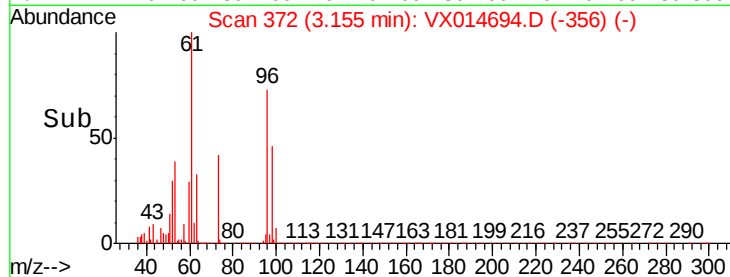
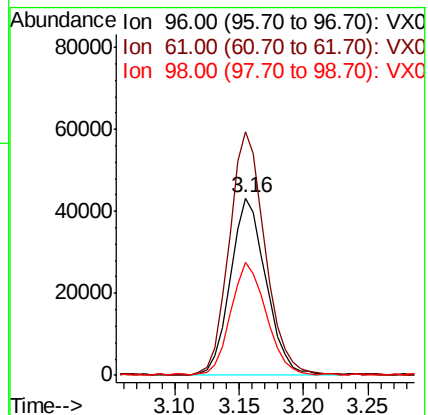
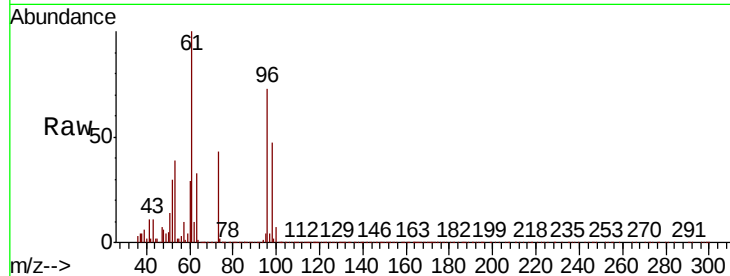
Tot Ion: 96 Resp: 82924

Ion Ratio Lower Upper

96 100

61 137.0 106.6 159.8

98 63.8 51.6 77.4



#20

Diisopropyl ether

Concen: 20.367 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion: 45 Resp: 292623

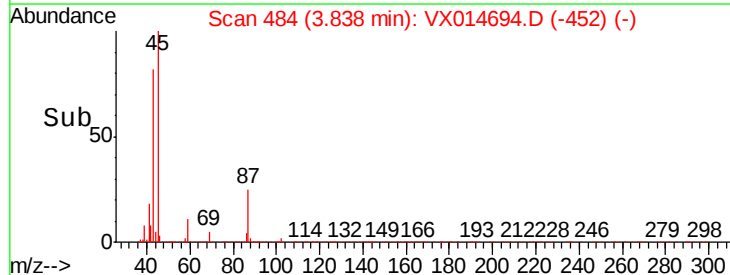
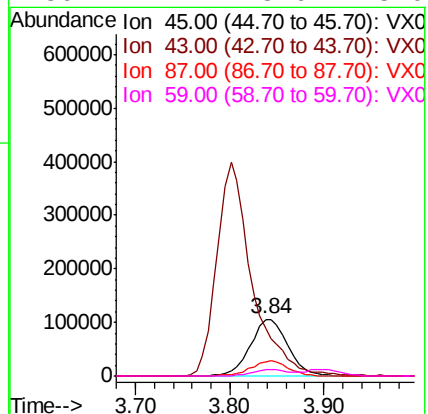
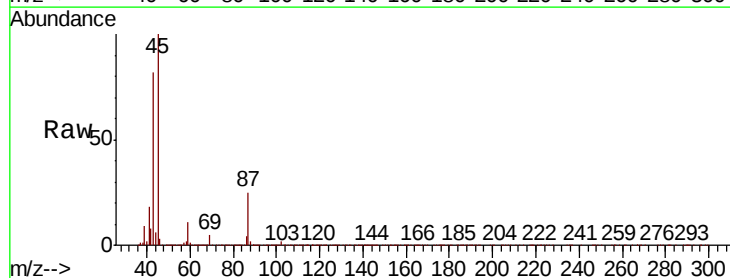
Ion Ratio Lower Upper

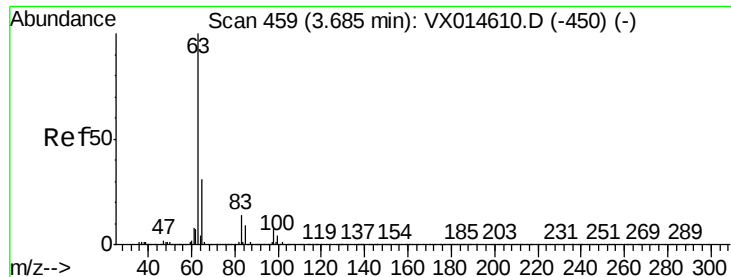
45 100

43 79.9 55.9 83.9

87 25.0 22.2 33.2

59 11.1 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.999 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

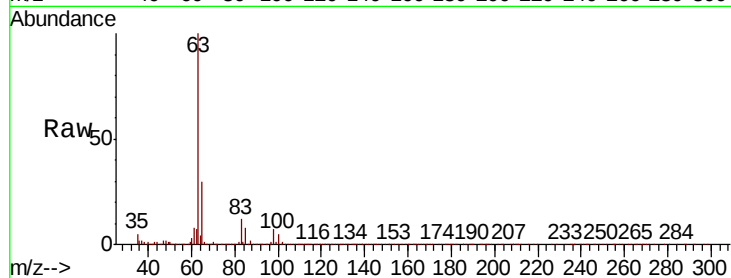
Tot Ion: 63 Resp: 156100

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

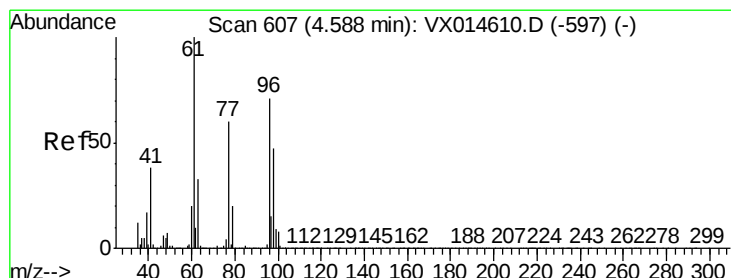
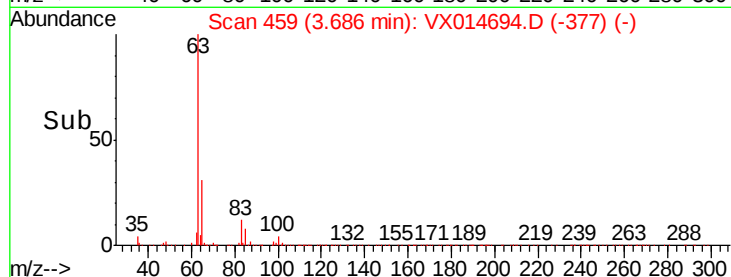
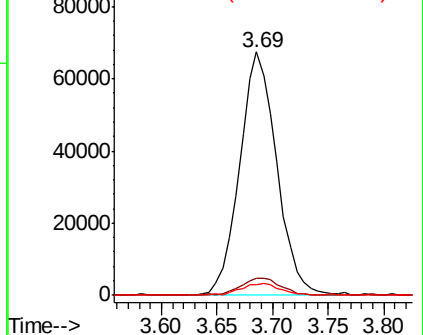
100 4.4 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.941 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

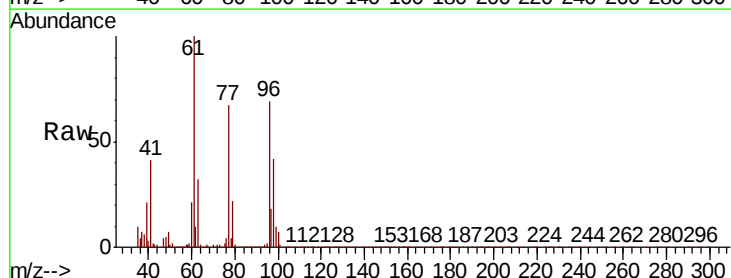
Tgt Ion: 96 Resp: 96792

Ion Ratio Lower Upper

96 100

61 145.8 112.4 168.6

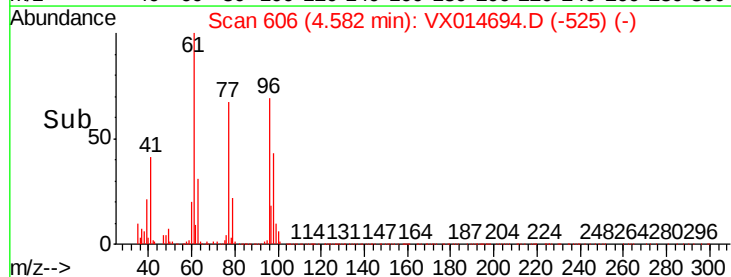
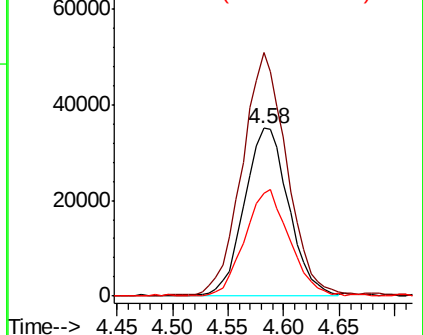
98 64.3 50.3 75.5

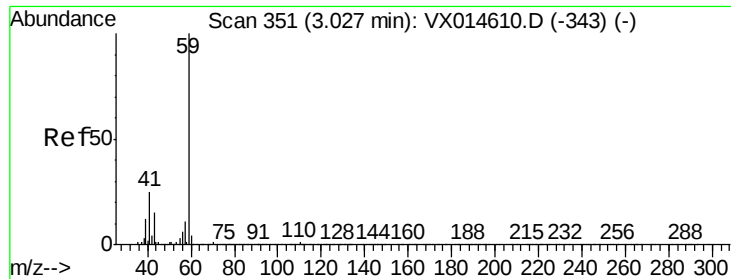


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



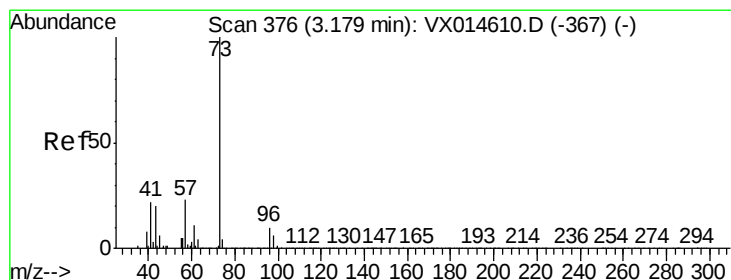
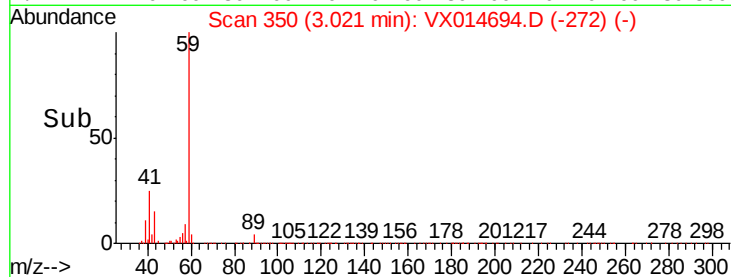
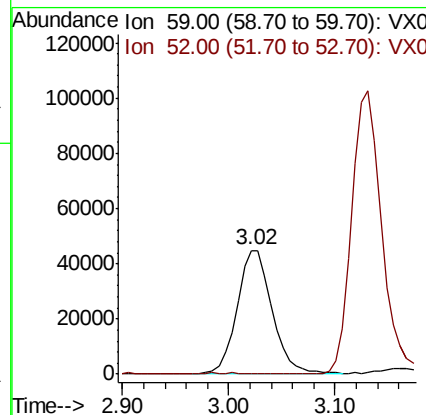
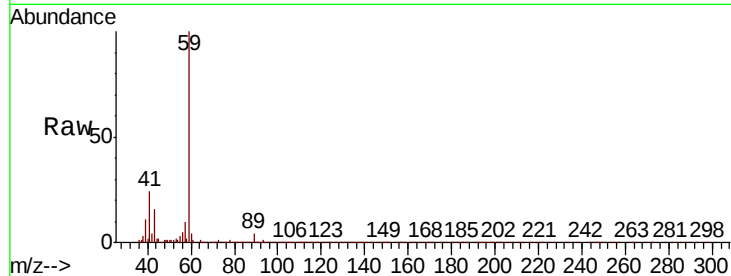


#23

tert-Butyl Alcohol
 Concen: 102.260 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

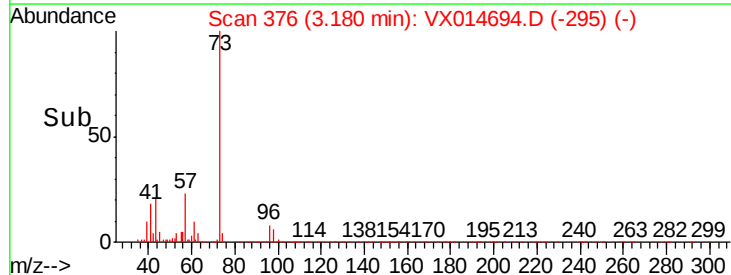
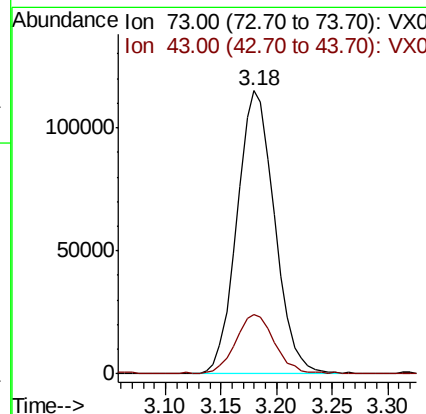
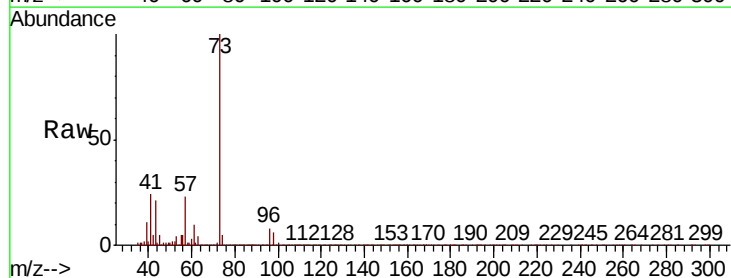
Tot Ion: 59 Resp: 102573
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

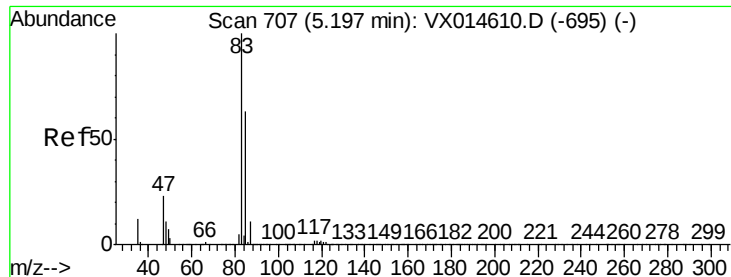


#24

Methyl tert-Butyl Ether
 Concen: 20.566 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion: 73 Resp: 268562
 Ion Ratio Lower Upper
 73 100
 43 21.0 16.6 25.0





#25

Chloroform

Concen: 19.902 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

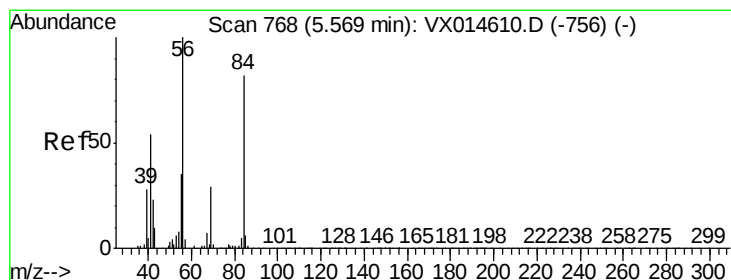
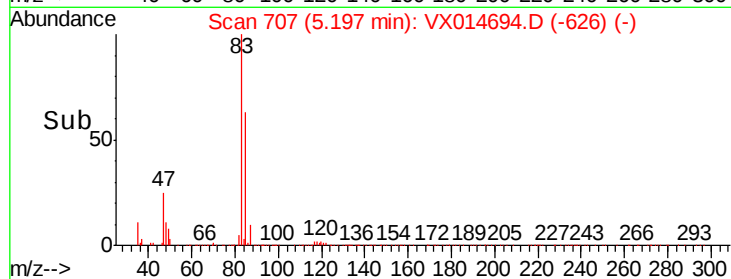
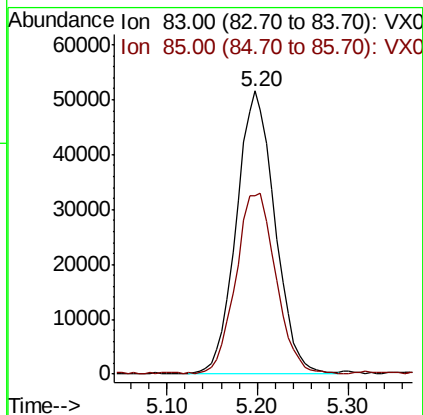
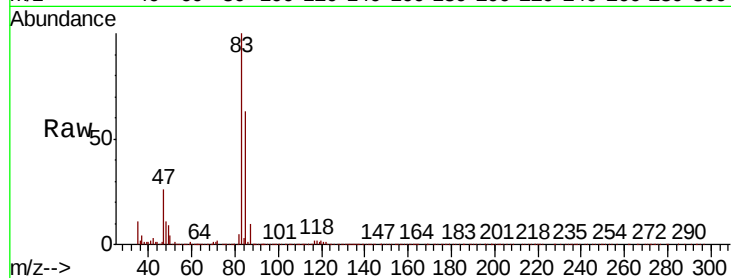
VX0124WBSD01

Tot Ion: 83 Resp: 150475

Ion Ratio Lower Upper

83 100

85 63.1 52.7 79.1



#26

Cyclohexane

Concen: 19.510 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

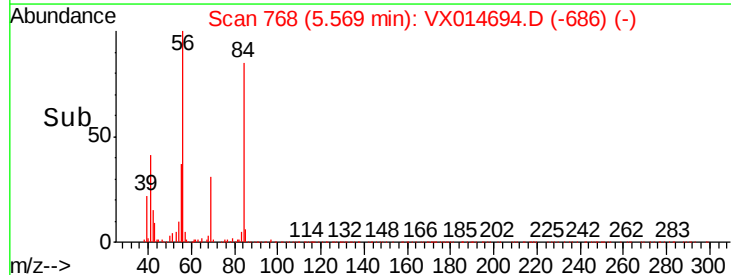
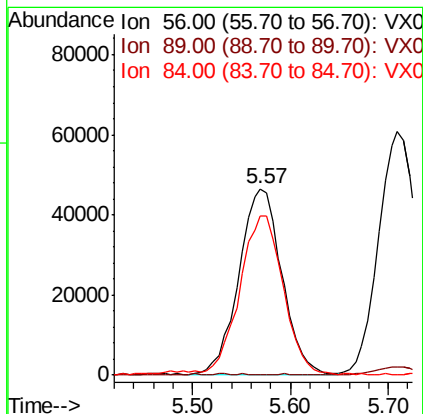
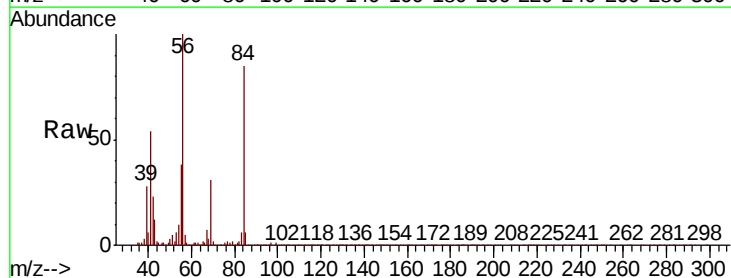
Tgt Ion: 56 Resp: 140460

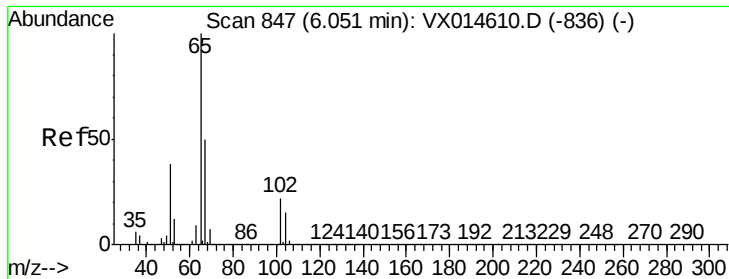
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 87.3 70.8 106.2

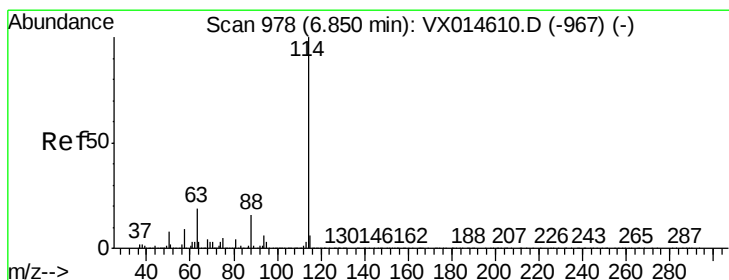
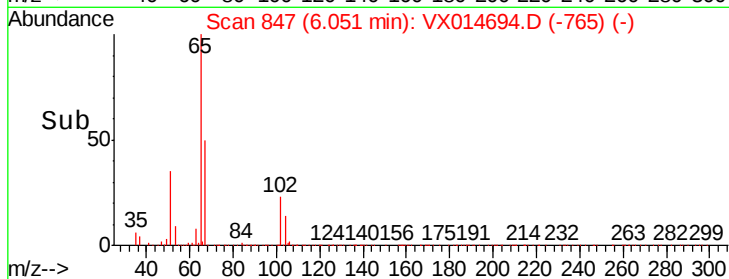
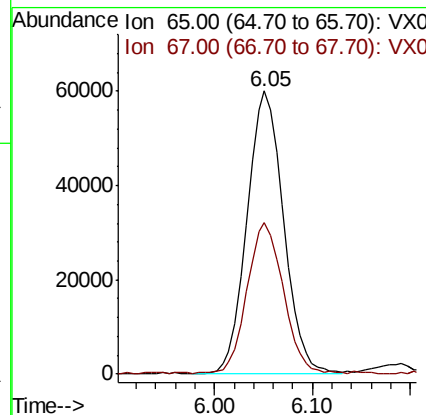
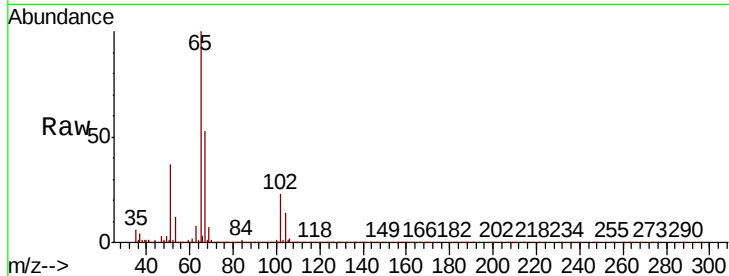




#27
 1,2-Dichloroethane-d4
 Concen: 31.131 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

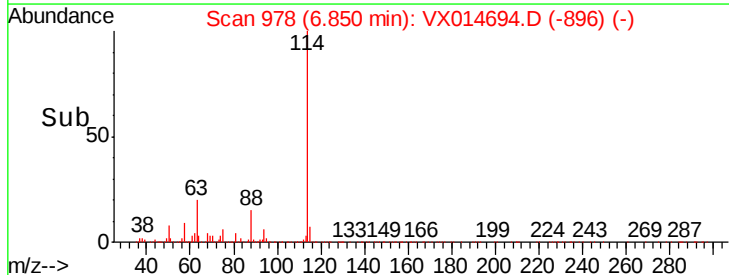
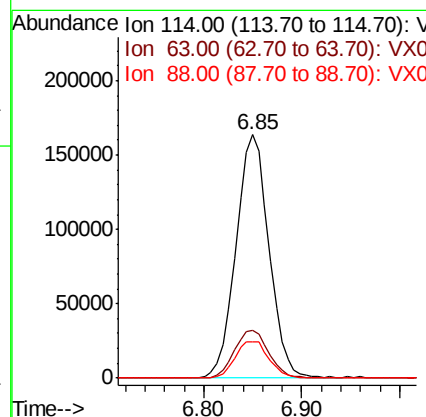
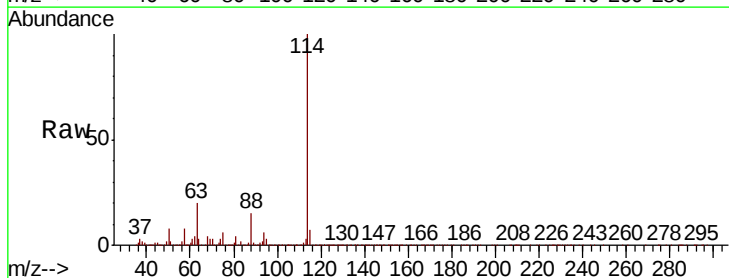
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

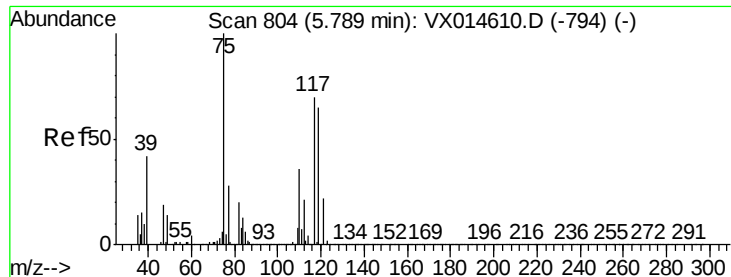
Tot Ion: 65 Resp: 155098
 Ion Ratio Lower Upper
 65 100
 67 52.7 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion: 114 Resp: 382401
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.1 24.1
 88 15.1 12.5 18.7





#29

1,1-Dichloropropene

Concen: 20.168 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

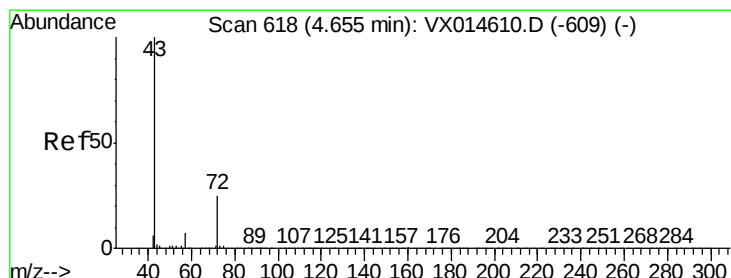
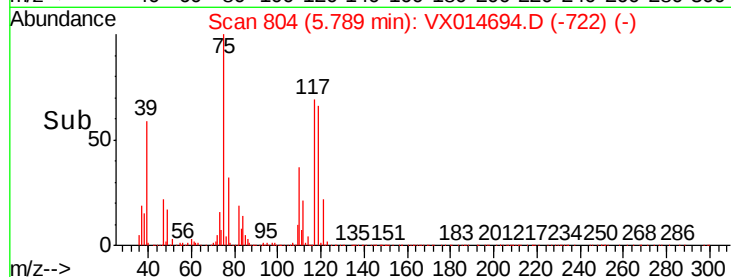
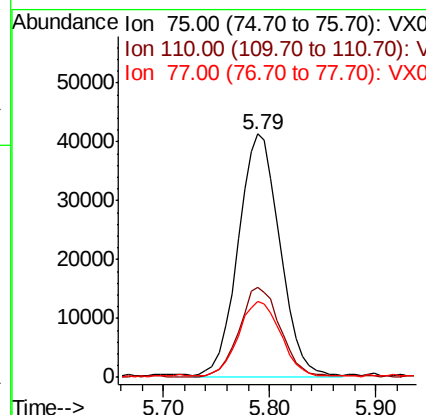
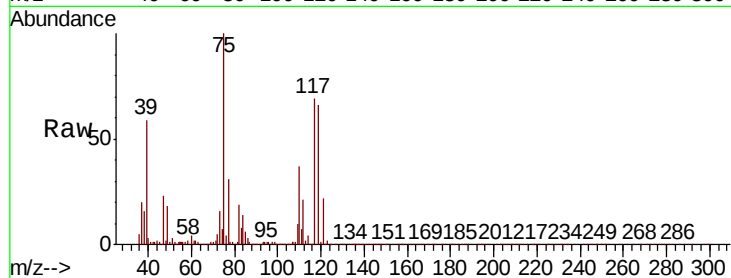
Tot Ion: 75 Resp: 113107

Ion Ratio Lower Upper

75 100

110 36.4 0.0 73.8

77 31.5 0.0 62.4



#30

2-Butanone

Concen: 103.763 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

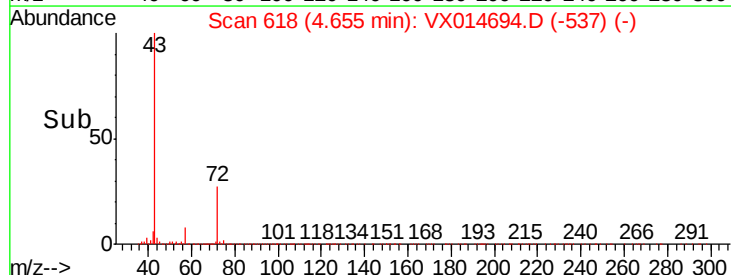
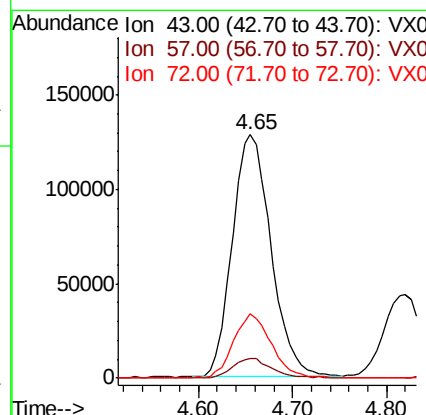
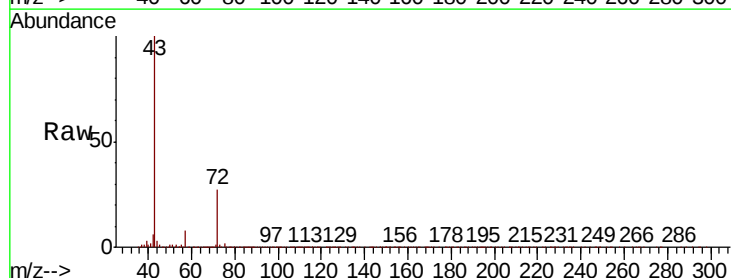
Tgt Ion: 43 Resp: 368628

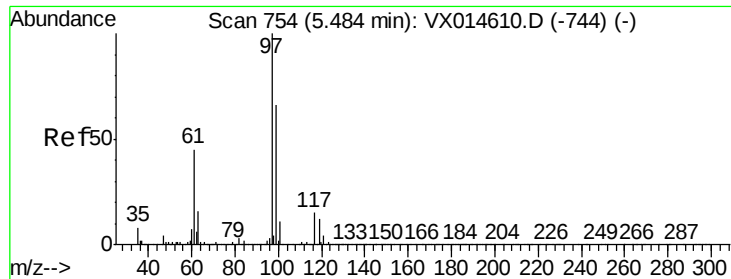
Ion Ratio Lower Upper

43 100

57 7.9 6.2 9.2

72 25.2 20.3 30.5





#32

1,1,1-Trichloroethane

Concen: 20.339 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0124WBSD01

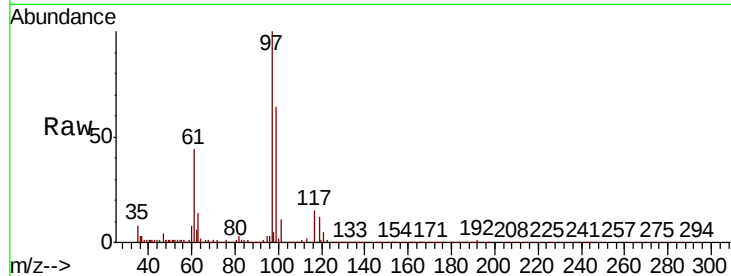
Tot Ion: 97 Resp: 126193

Ion Ratio Lower Upper

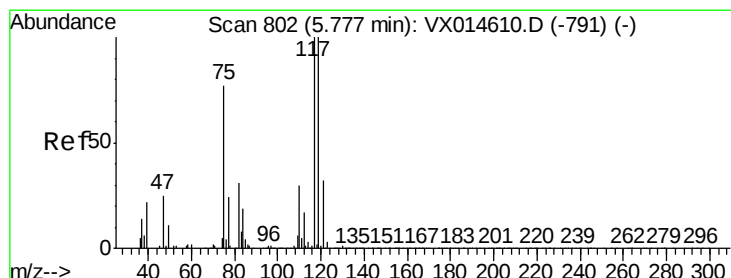
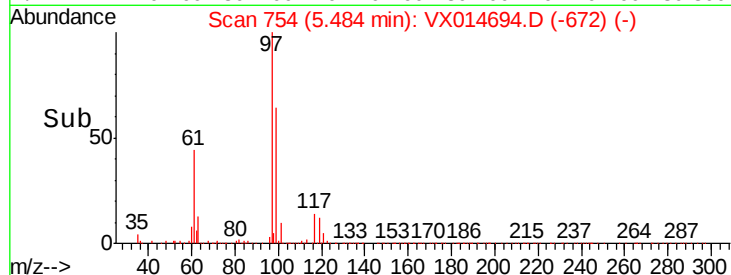
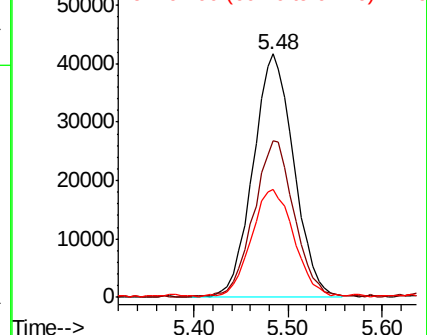
97 100

99 63.5 51.9 77.9

61 45.8 36.8 55.2



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 99.00 (98.70 to 99.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#33

Carbon Tetrachloride

Concen: 20.158 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

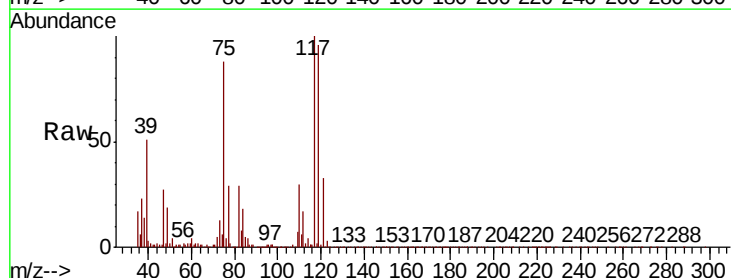
Tgt Ion: 117 Resp: 107375

Ion Ratio Lower Upper

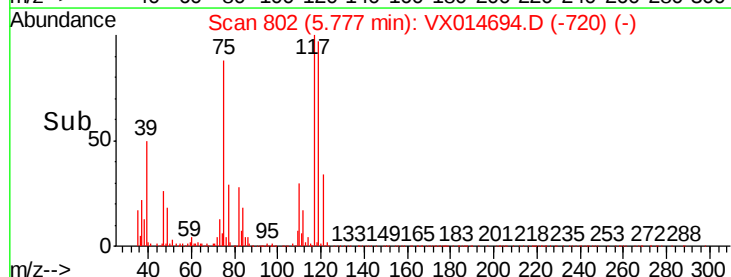
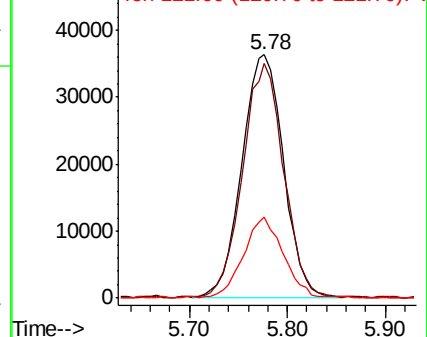
117 100

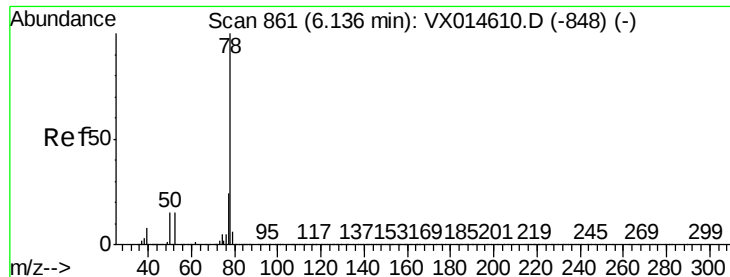
119 96.3 77.2 115.8

121 33.1 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 20.294 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

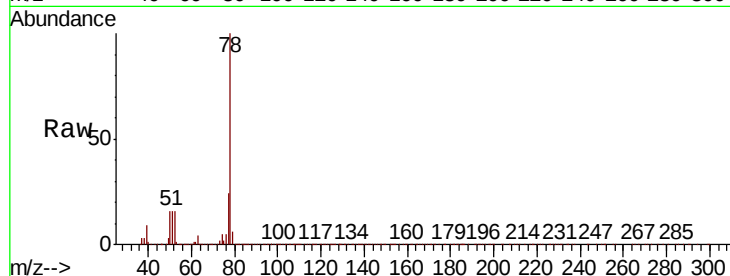
MSVOA_X

ClientSampled :

VX0124WBSD01

Tot Ion: 78 Resp: 351695

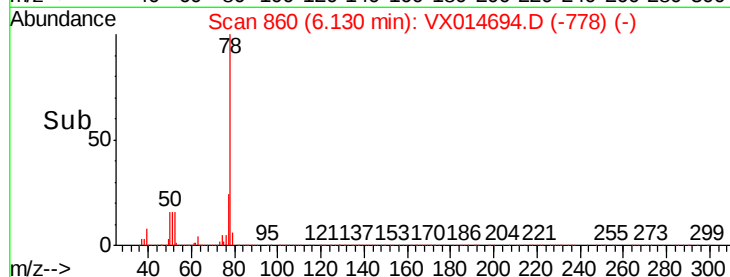
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2
51	15.1	12.4	18.6



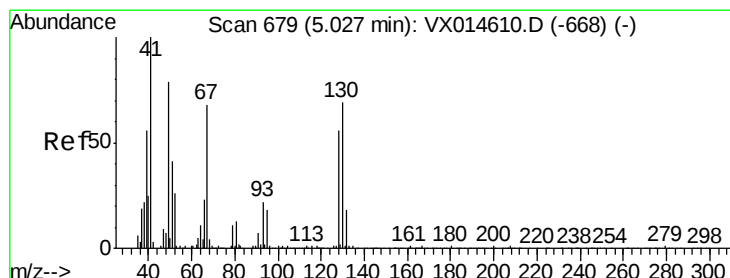
Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#35

Methacrylonitrile

Concen: 20.229 ug/l

RT: 5.03 min Scan# 679

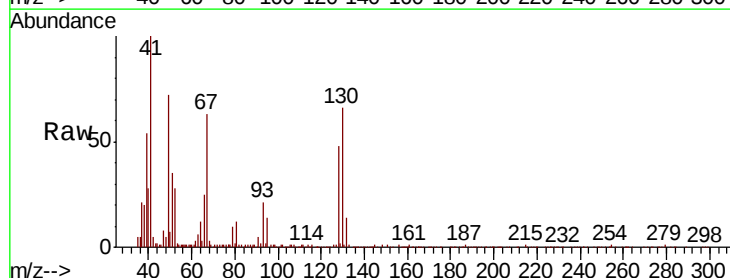
Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion: 41 Resp: 71775

Ion	Ratio	Lower	Upper
41	100		
39	53.4	26.7	80.1
67	63.4	31.5	94.5
52	27.2	12.8	38.4

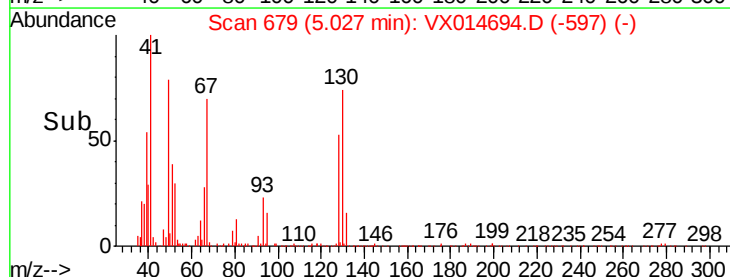


Abundance Ion 41.00 (40.70 to 41.70): VX0

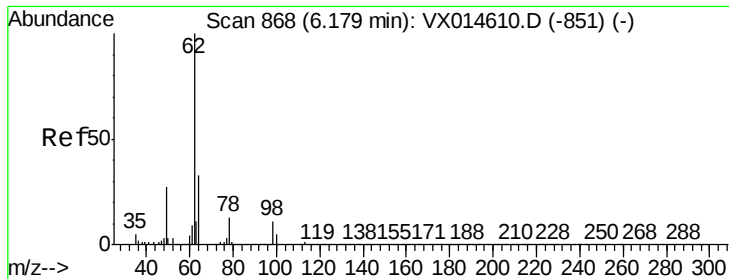
Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#36

1,2-Dichloroethane

Concen: 20.944 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleID :

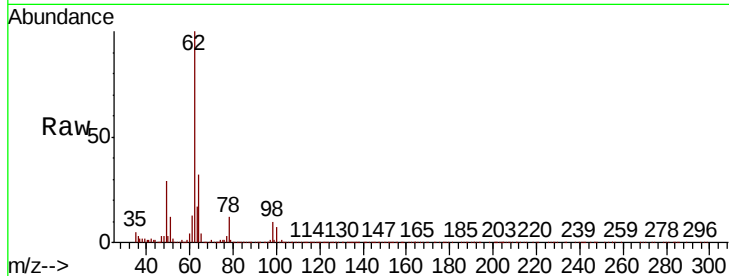
VX0124WBSD01

Tot Ion: 62 Resp: 126309

Ion Ratio Lower Upper

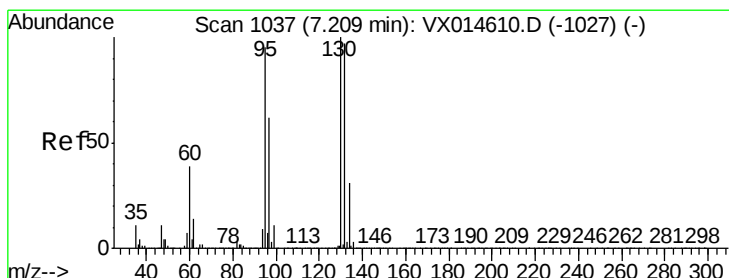
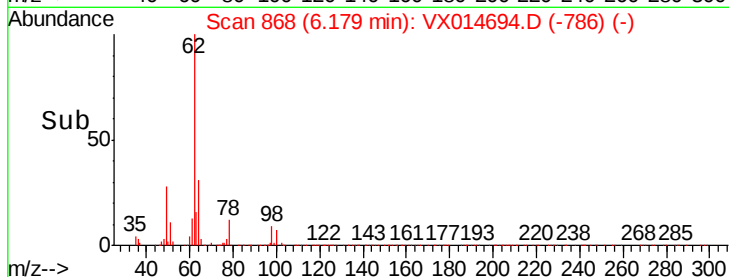
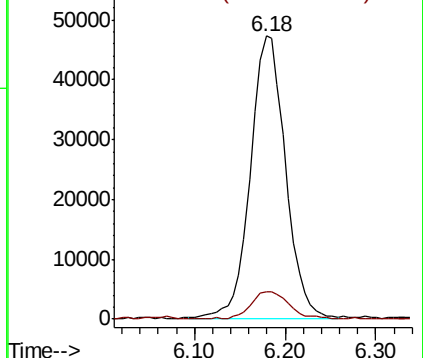
62 100

98 9.5 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#37

Trichloroethene

Concen: 20.504 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014694.D

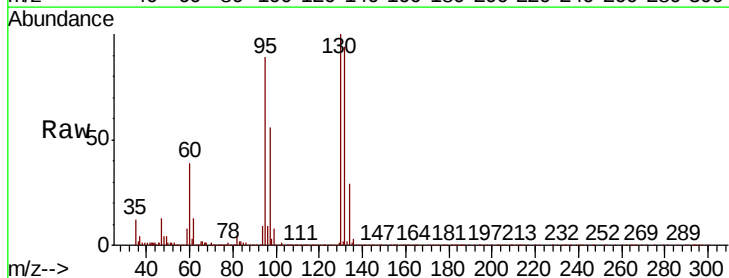
Acq: 24 Jan 2020 13:58

Tgt Ion: 130 Resp: 97293

Ion Ratio Lower Upper

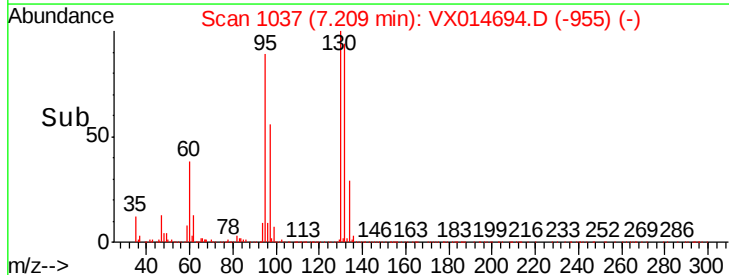
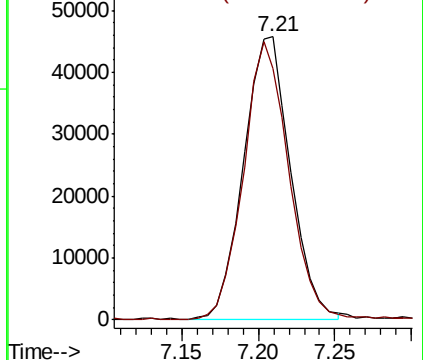
130 100

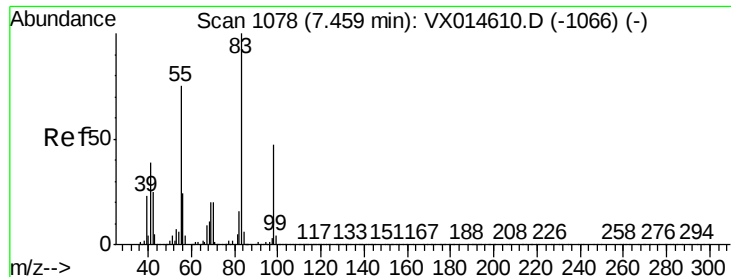
95 88.9 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

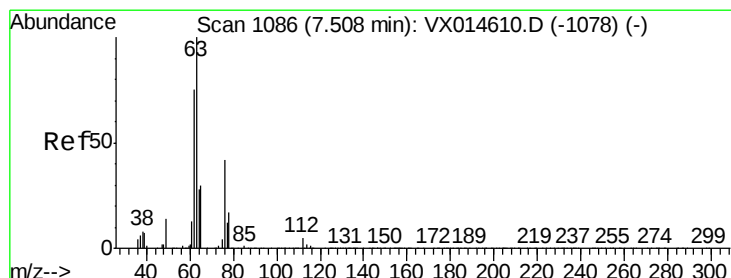
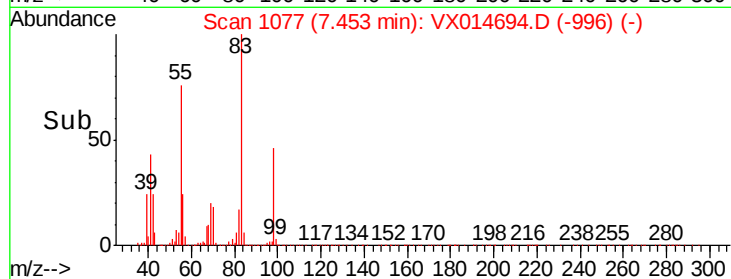
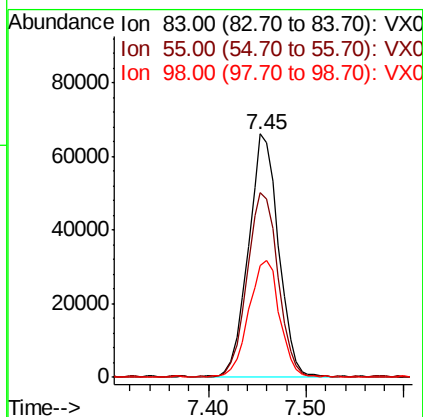
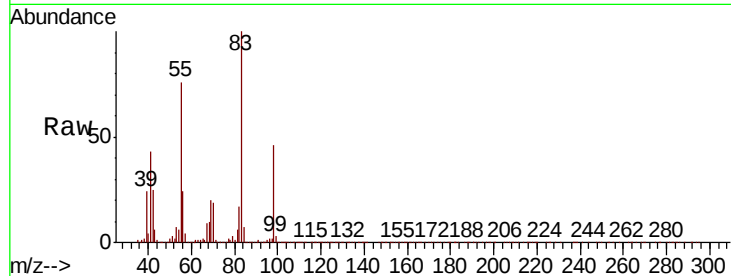




#38
Methvlcvclohexane
Concen: 20.116 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

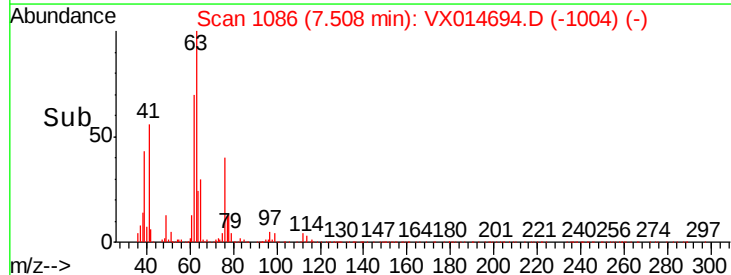
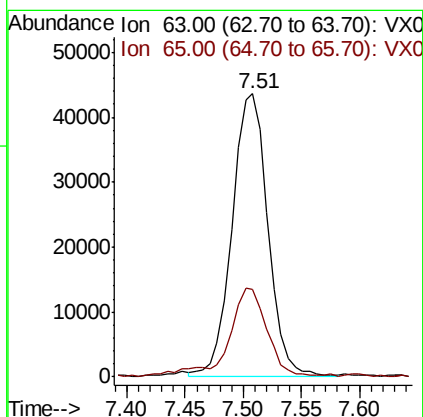
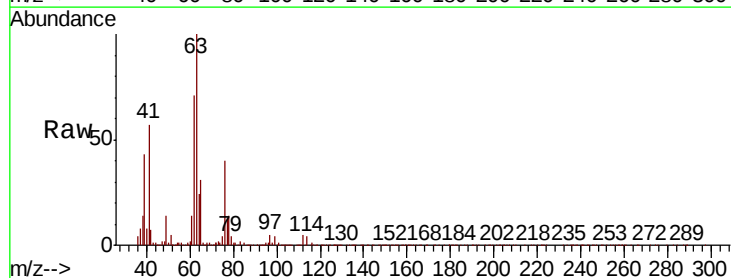
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

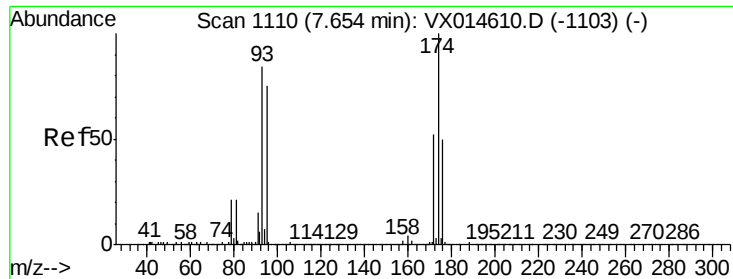
Tot Ion: 83 Resp: 140464
Ion Ratio Lower Upper
83 100
55 77.3 39.4 118.1
98 49.5 25.1 75.3



#39
1,2-Dichloropropane
Concen: 20.543 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion: 63 Resp: 92575
Ion Ratio Lower Upper
63 100
65 30.6 22.1 33.1





#40

Dibromomethane

Concen: 20.921 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

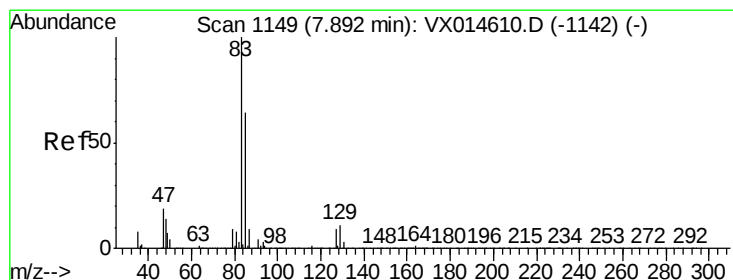
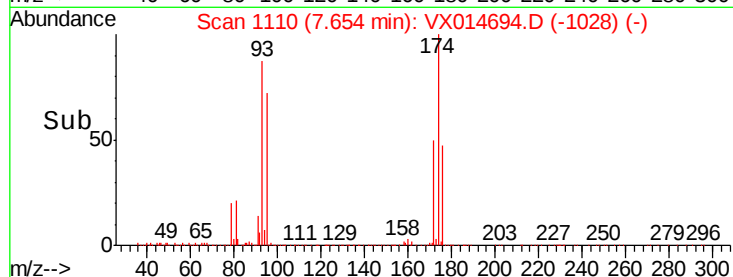
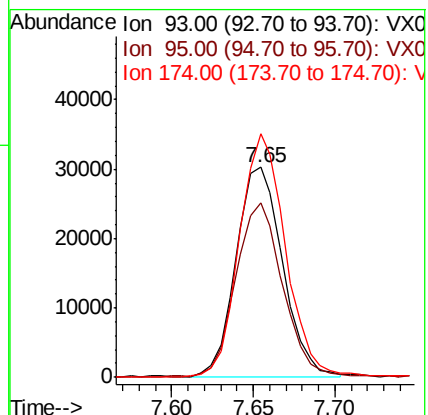
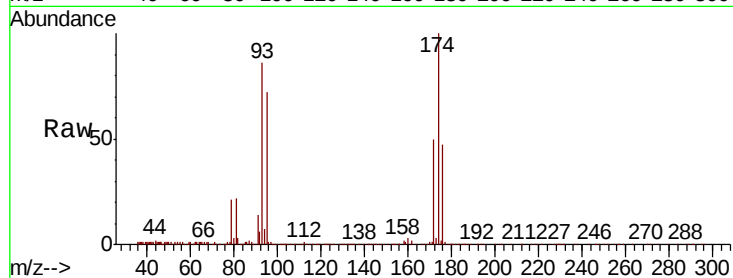
Tot Ion: 93 Resp: 60590

Ion Ratio Lower Upper

93 100

95 81.9 0.0 164.4

174 113.8 0.0 228.8



#41

Bromodichloromethane

Concen: 20.363 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

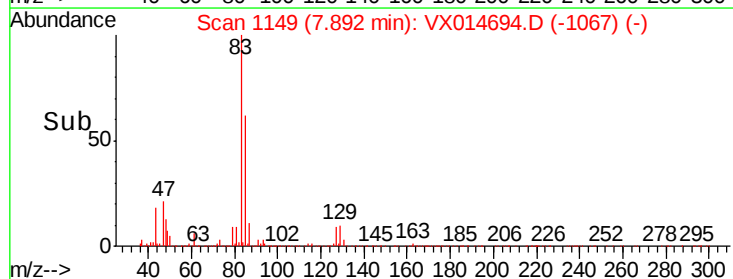
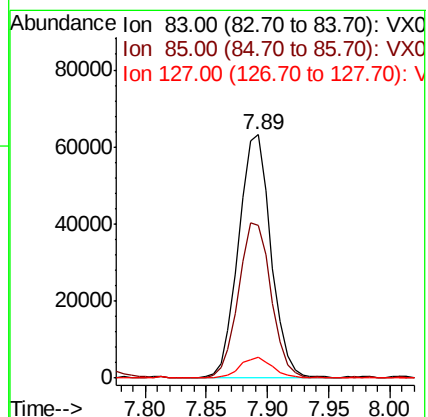
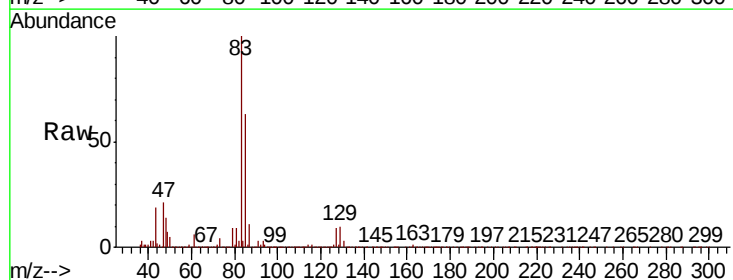
Tgt Ion: 83 Resp: 115490

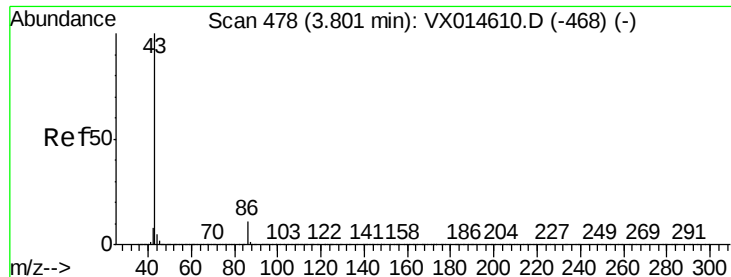
Ion Ratio Lower Upper

83 100

85 62.4 51.6 77.4

127 8.7 6.0 9.0





#42

Vinyl Acetate

Concen: 94.973 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

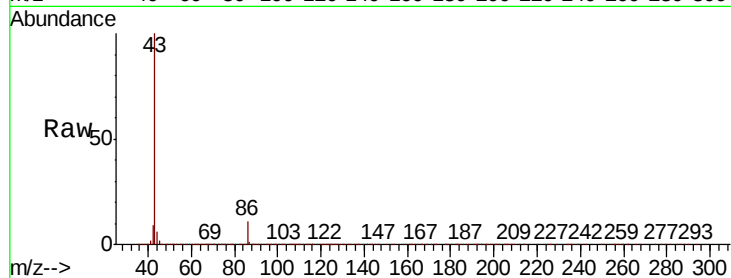
VX0124WBSD01

Tot Ion: 43 Resp: 1039935

Ion Ratio Lower Upper

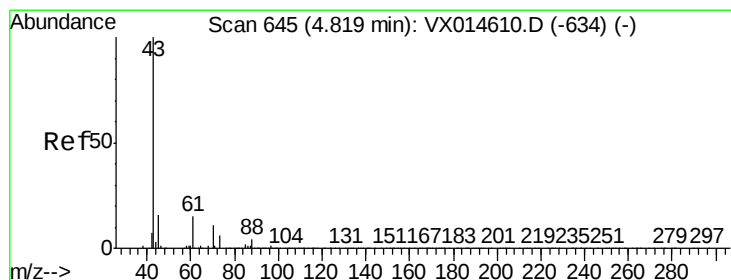
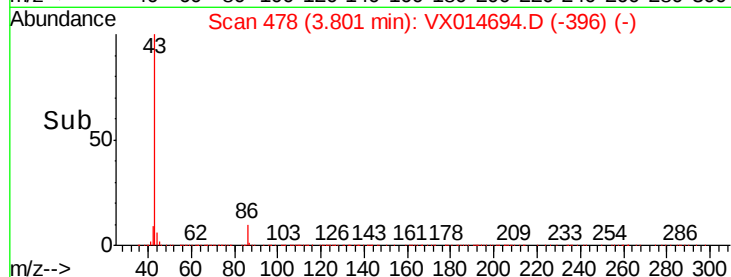
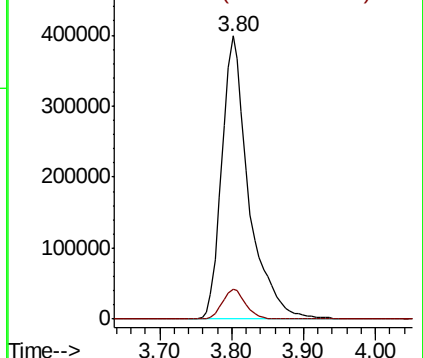
43 100

86 9.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#43

Ethyl Acetate

Concen: 21.050 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

Lab File: VX014694.D

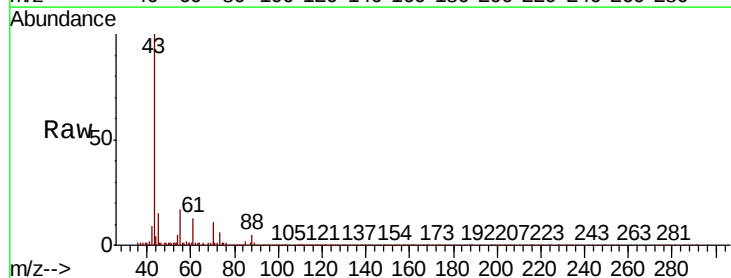
Acq: 24 Jan 2020 13:58

Tgt Ion: 43 Resp: 135372

Ion Ratio Lower Upper

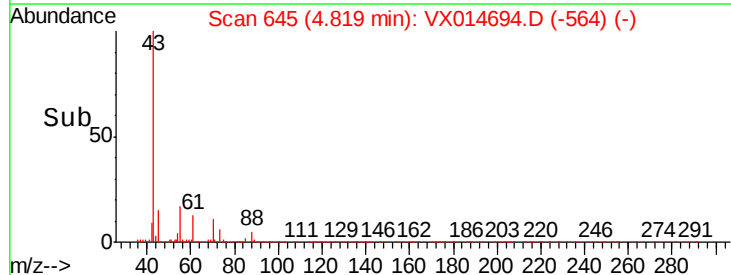
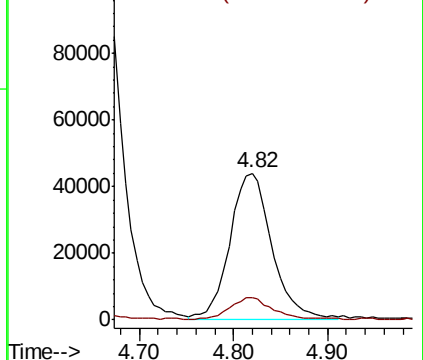
43 100

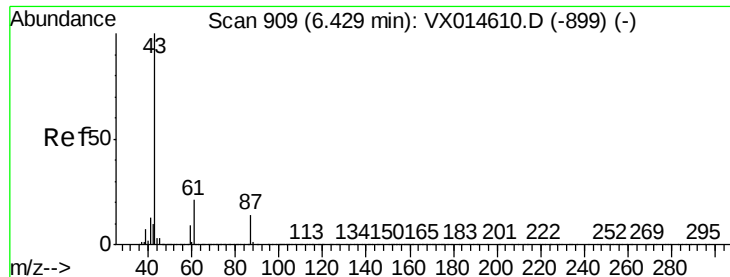
45 15.1 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#44

Isopropyl Acetate

Concen: 20.663 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

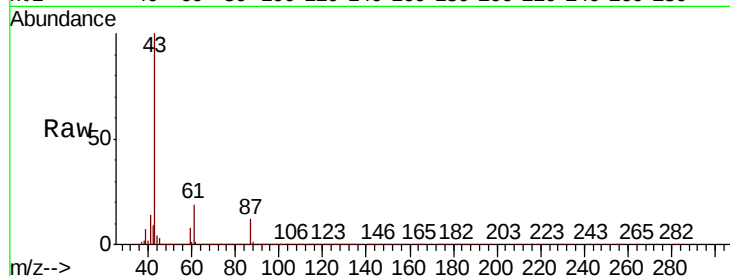
VX0124WBSD01

Tot Ion: 43 Resp: 214371

Ion Ratio Lower Upper

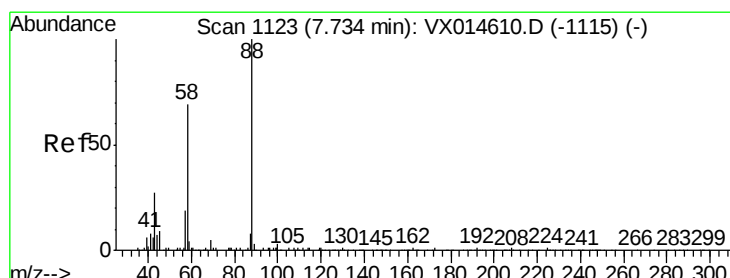
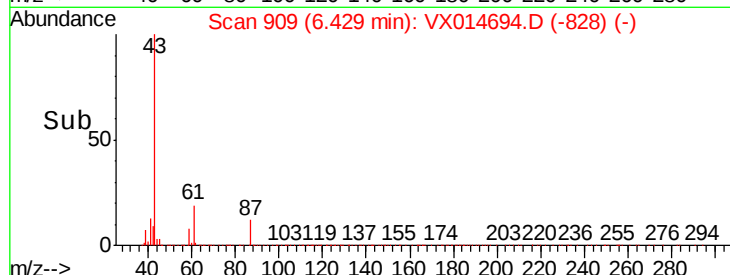
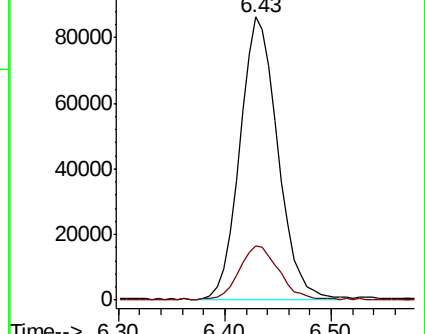
43 100

61 19.4 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#45

1,4-Dioxane

Concen: 440.249 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

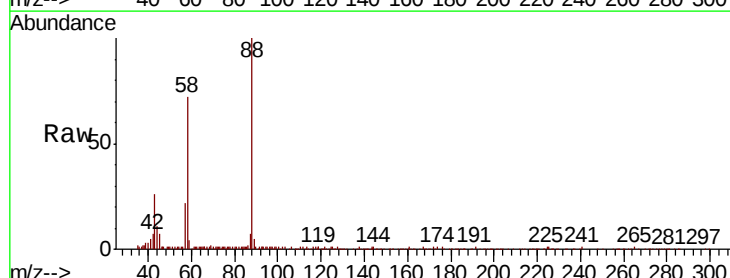
Tgt Ion: 88 Resp: 45688

Ion Ratio Lower Upper

88 100

43 32.9 25.4 38.2

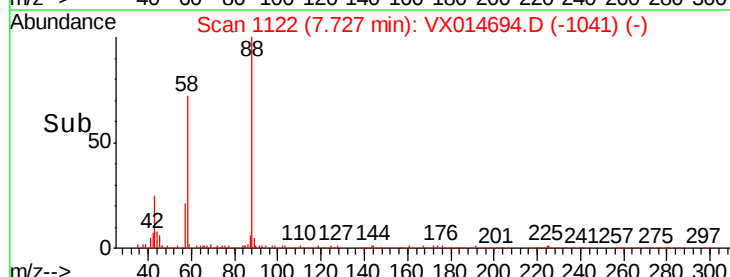
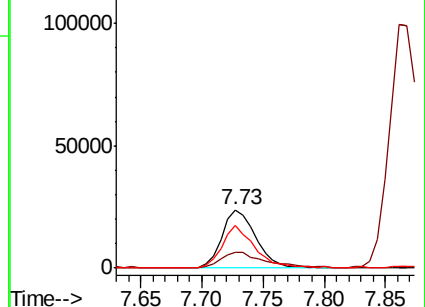
58 71.2 56.5 84.7

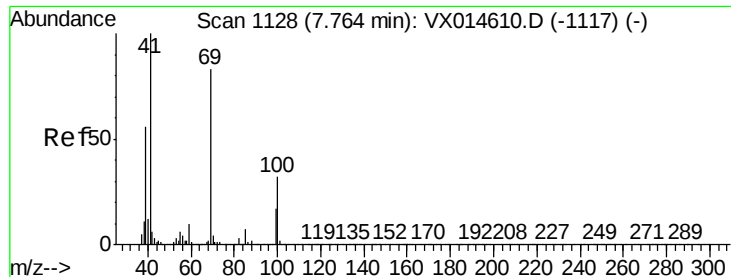


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

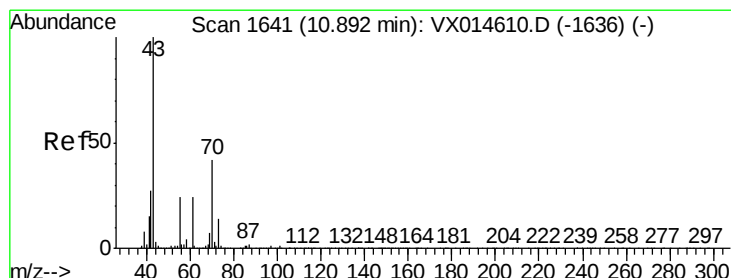
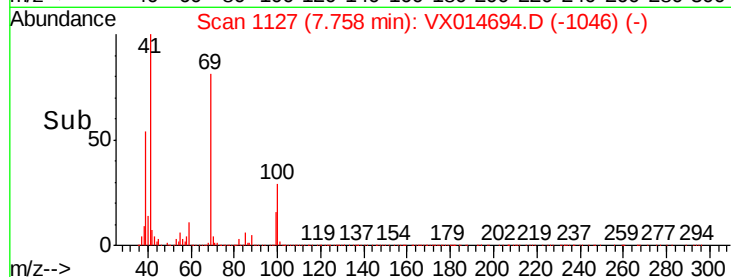
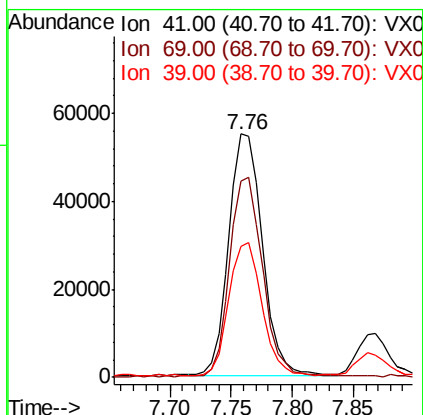
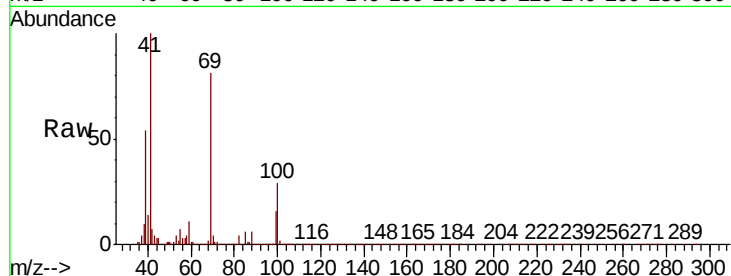




#46
Methyl methacrylate
Concen: 20.559 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

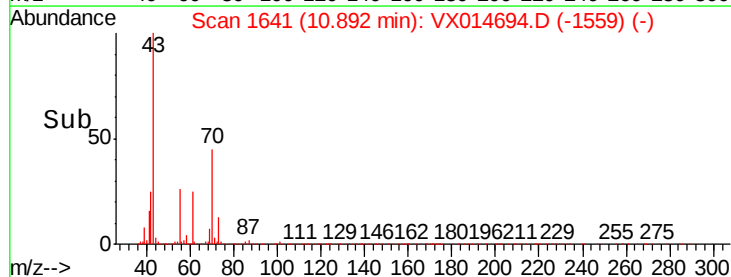
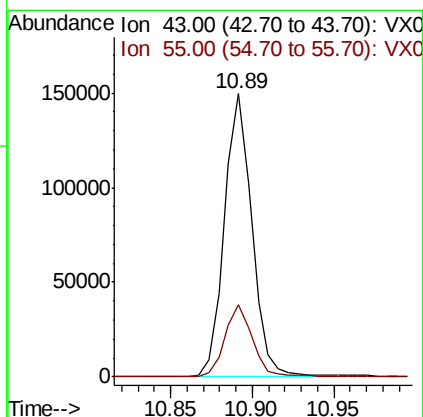
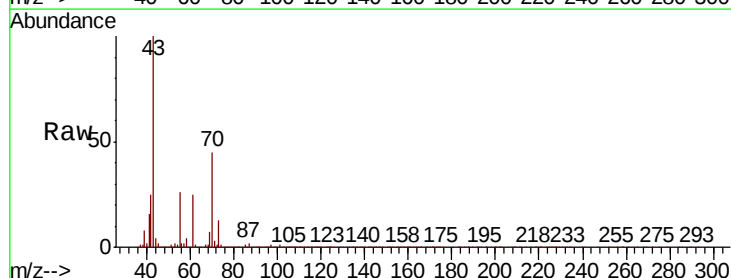
Instrument :
MSVOA_X
ClientSampled :
VX0124WBSD01

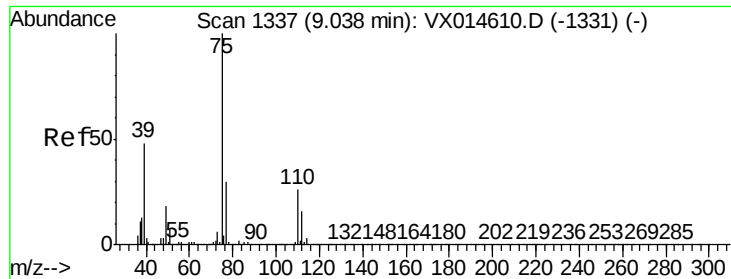
Tot Ion	Ratio	Lower	Upper
41	100		
69	81.0	40.6	122.0
39	53.4	27.8	83.3



#47
n-ethyl Acetate
Concen: 20.012 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
55	25.8	19.4	29.2

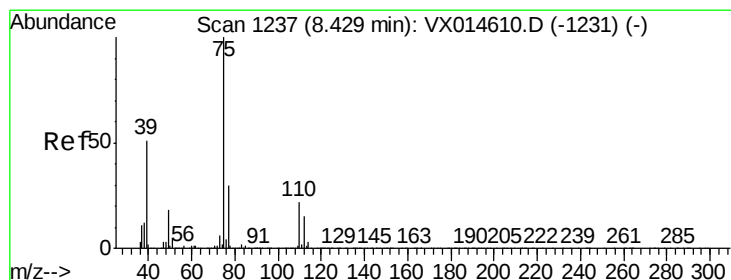
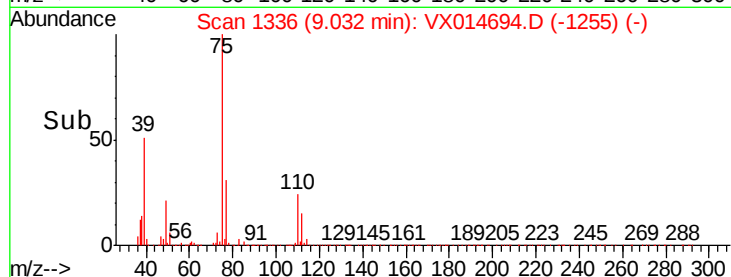
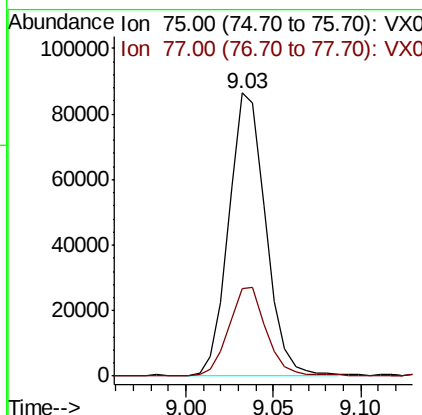
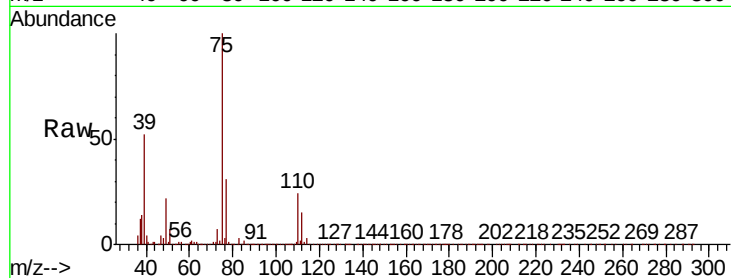




#48
t-1,3-Dichloropropene
Concen: 20.436 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

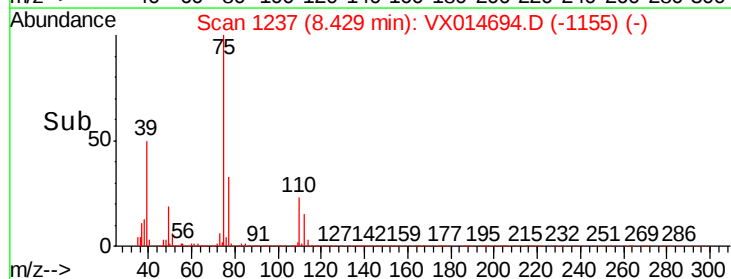
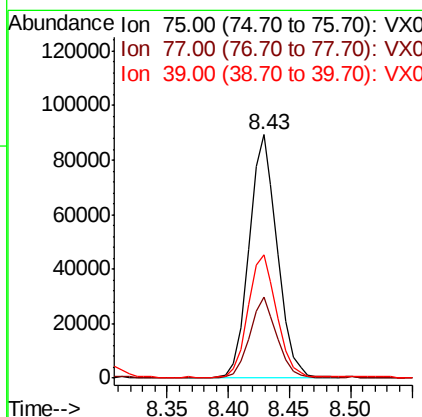
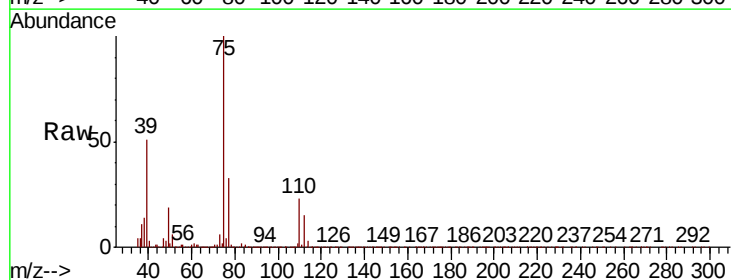
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

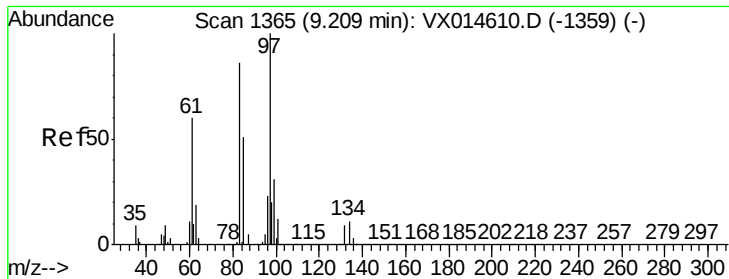
Tot Ion: 75 Resp: 126536
Ion Ratio Lower Upper
75 100
77 30.9 26.0 39.0



#49
cis-1,3-Dichloropropene
Concen: 20.455 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion: 75 Resp: 142713
Ion Ratio Lower Upper
75 100
77 33.1 24.8 37.2
39 49.9 41.1 61.7

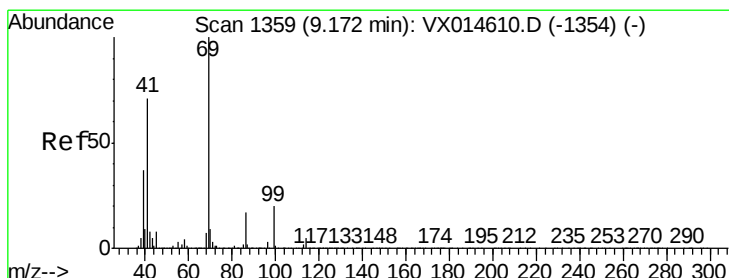
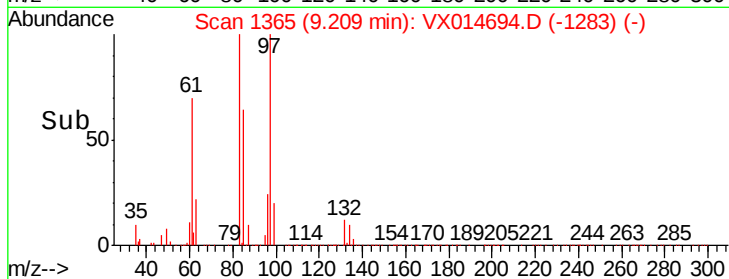
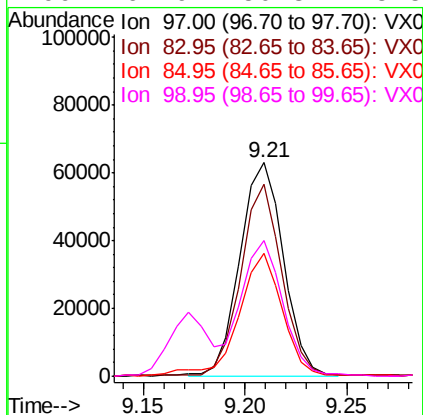
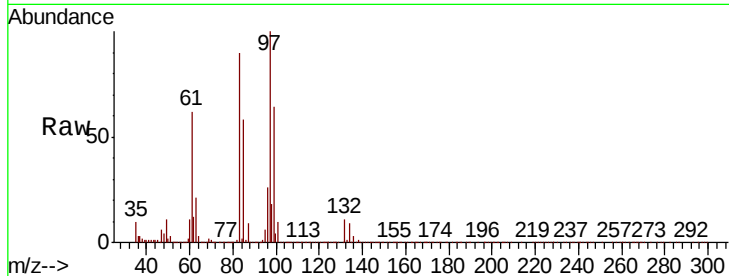




#50
1,1,2-Trichloroethane
Concen: 21.251 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

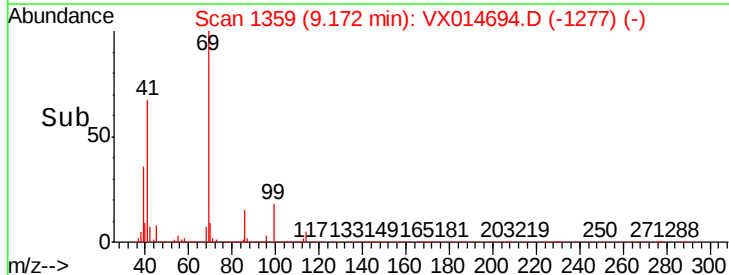
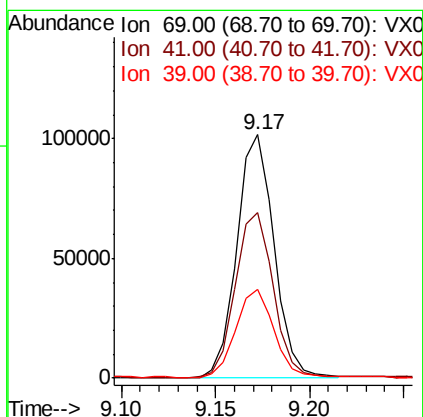
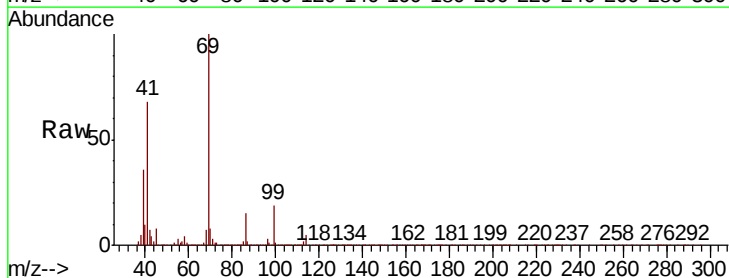
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

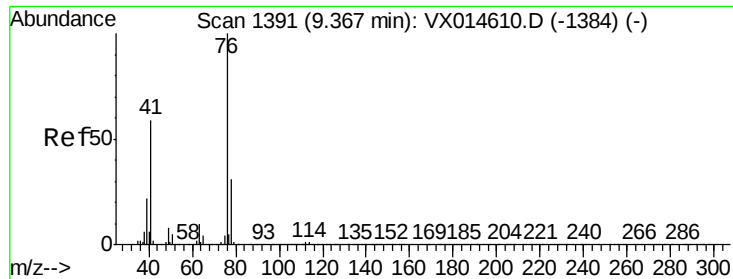
Tot Ion:	97	Resp:	93650
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.1	102.1
85	57.3	42.7	64.1
99	62.9	50.3	75.5



#51
Ethyl methacrylate
Concen: 20.294 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion:	69	Resp:	139251
Ion	Ratio	Lower	Upper
69	100		
41	67.8	35.4	106.1
39	35.9	17.8	53.3





#52

1,3-Dichloropropane

Concen: 21.078 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

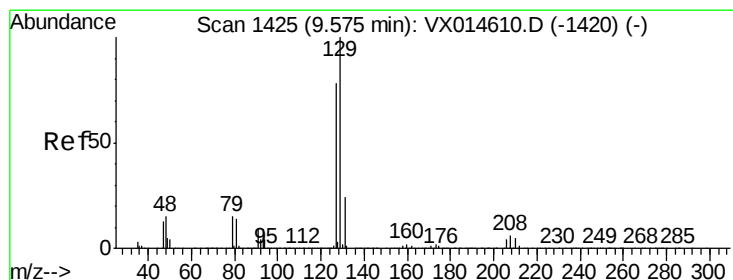
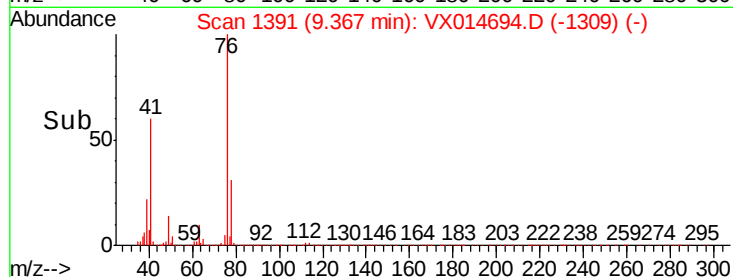
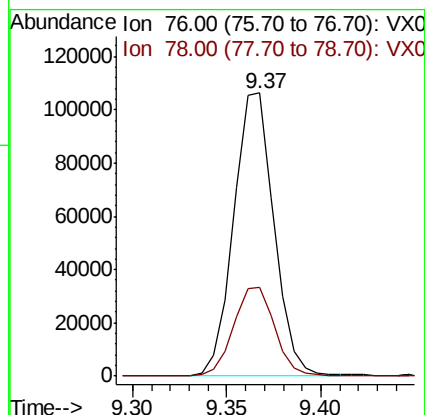
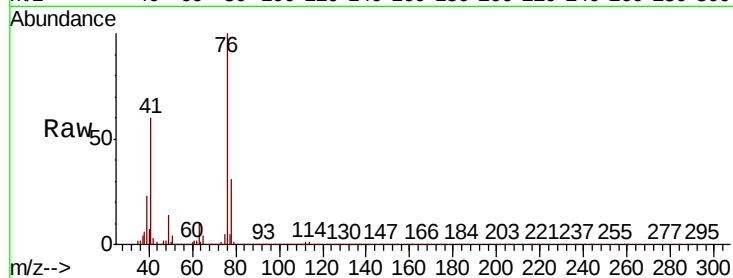
VX0124WBSD01

Tot Ion: 76 Resp: 157384

Ion Ratio Lower Upper

76 100

78 31.8 0.0 63.4



#53

Dibromochloromethane

Concen: 20.390 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014694.D

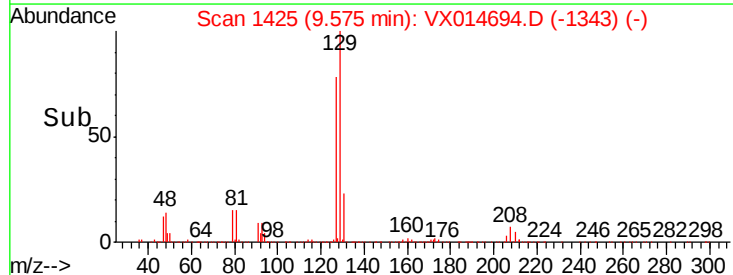
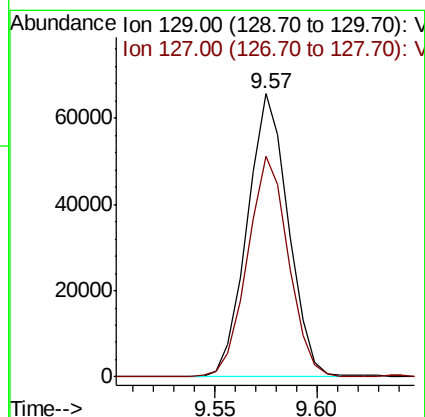
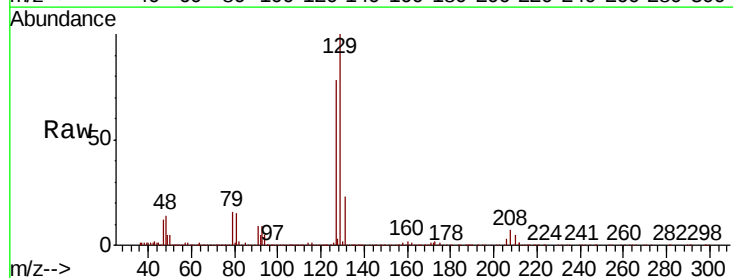
Acq: 24 Jan 2020 13:58

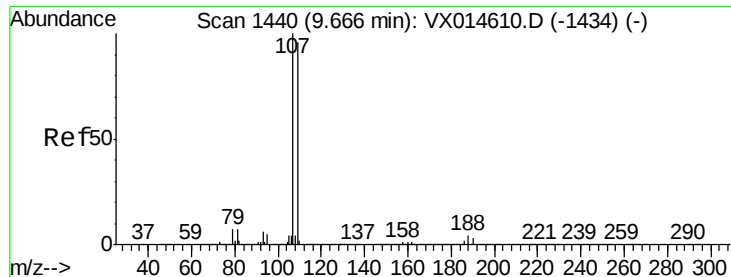
Tgt Ion: 129 Resp: 91909

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.5





#54

1,2-Dibromoethane

Concen: 21.165 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

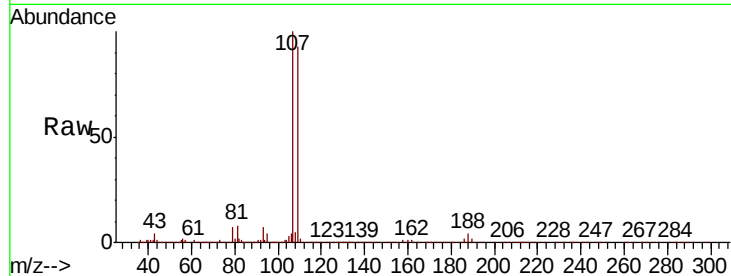
VX0124WBSD01

Tot Ion:107 Resp: 96734

Ion Ratio Lower Upper

107 100

109 93.4 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

80000

60000

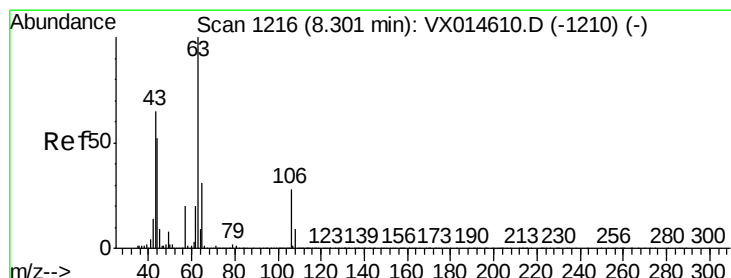
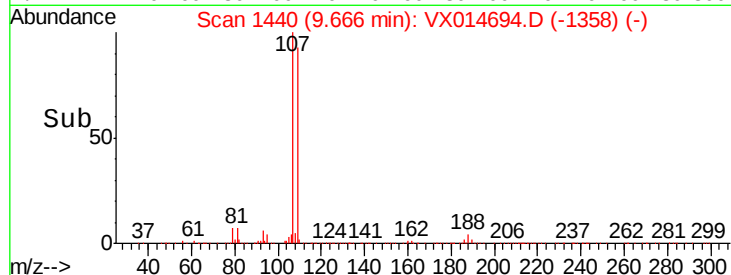
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#55

2-Chloroethyl vinyl ether

Concen: 96.842 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

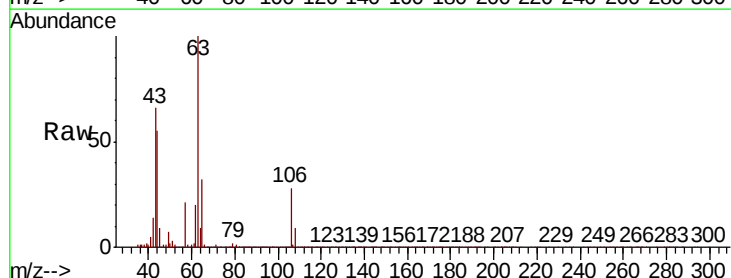
Tgt Ion: 63 Resp: 305390

Ion Ratio Lower Upper

63 100

65 32.4 25.8 38.6

106 28.9 22.9 34.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

250000

200000

150000

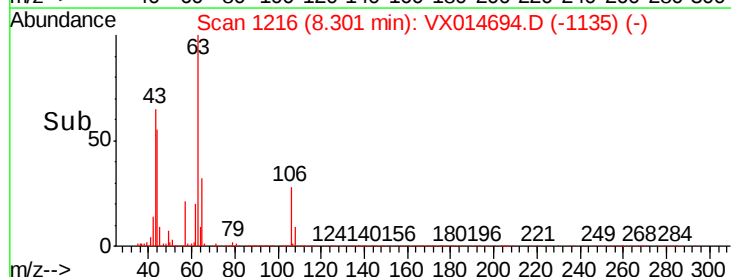
100000

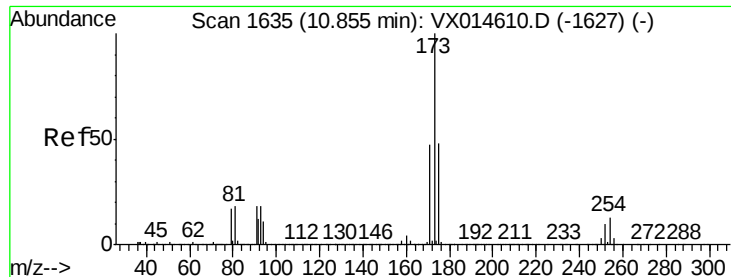
50000

0

8.25 8.30 8.35 8.40

Time-->





#56

Bromoform

Concen: 19.788 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

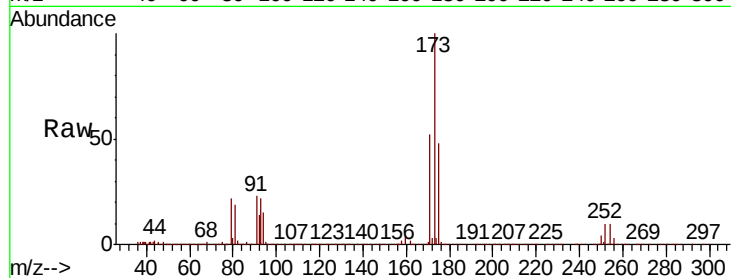
Tot Ion:173 Resp: 68706

Ion Ratio Lower Upper

173 100

175 47.2 39.5 59.3

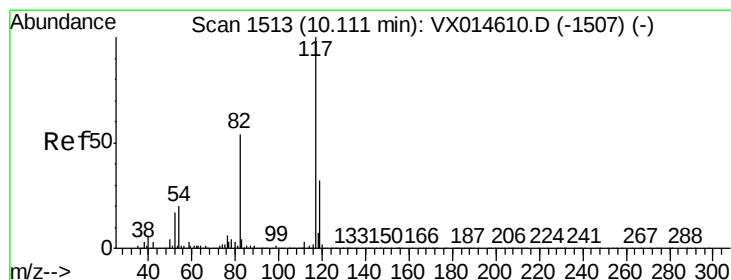
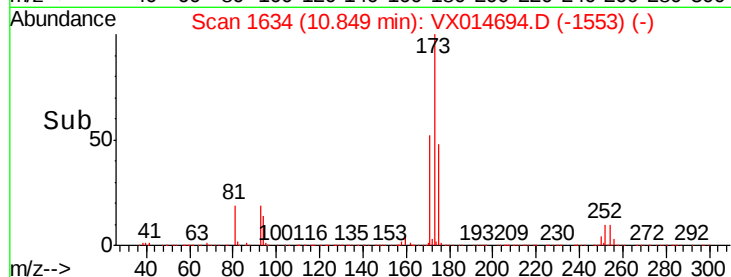
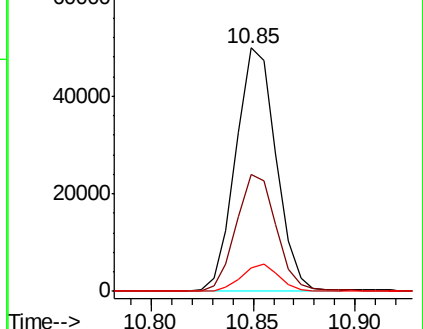
254 10.3 8.2 12.4



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

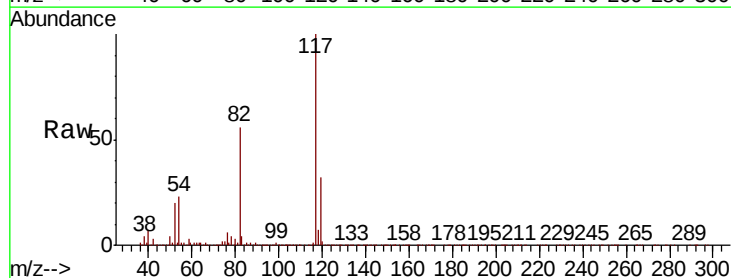
Tgt Ion:117 Resp: 352671

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.6

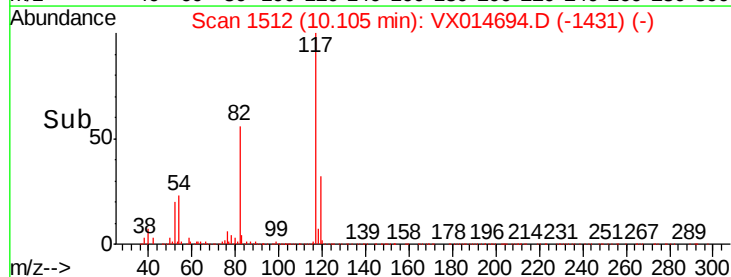
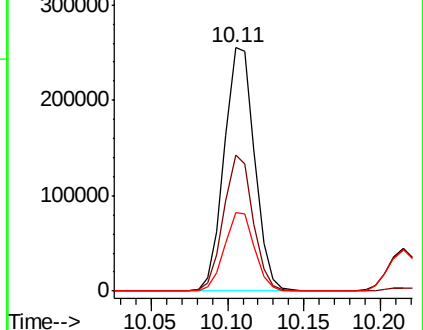
119 31.6 25.8 38.6

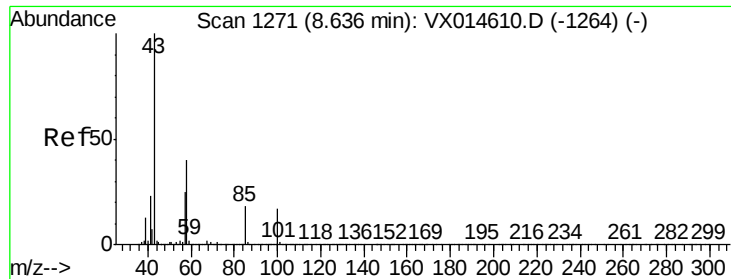


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

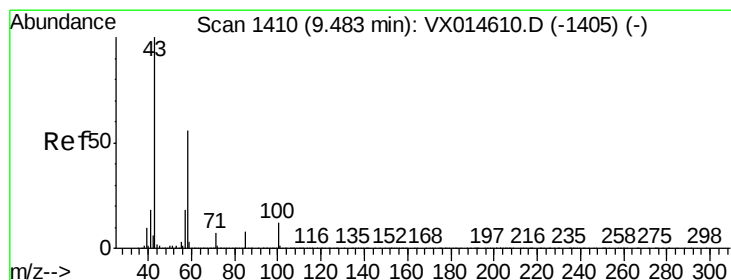
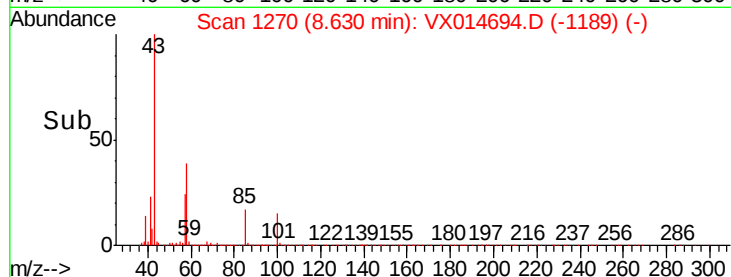
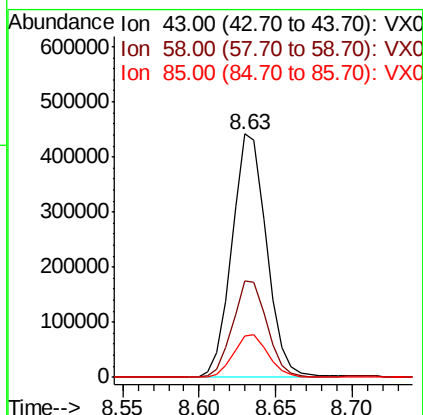
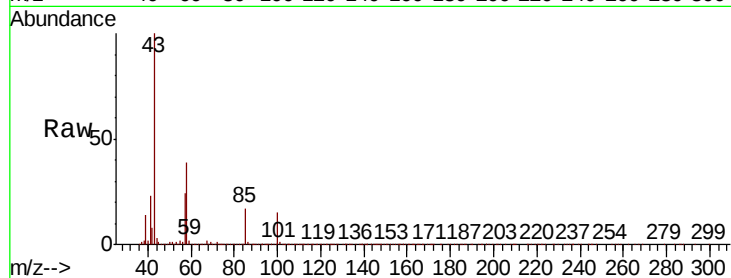




#58
4-Methyl-2-Pentanone
Concen: 104.123 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

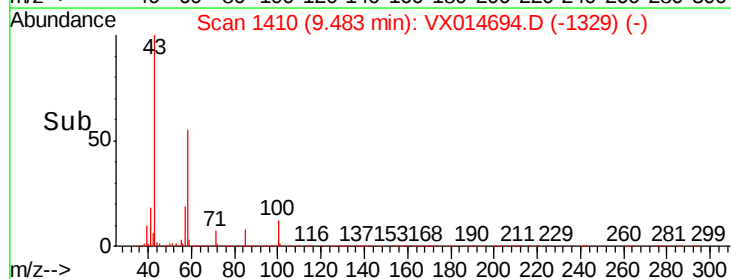
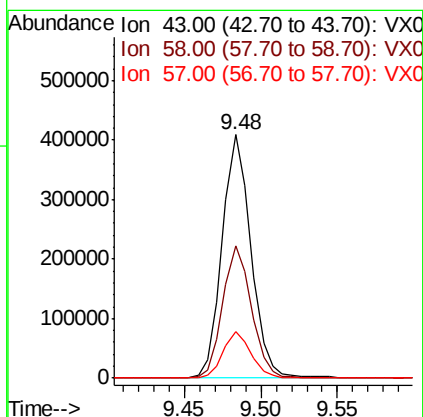
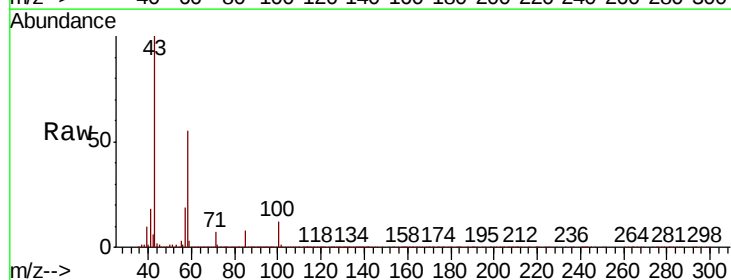
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

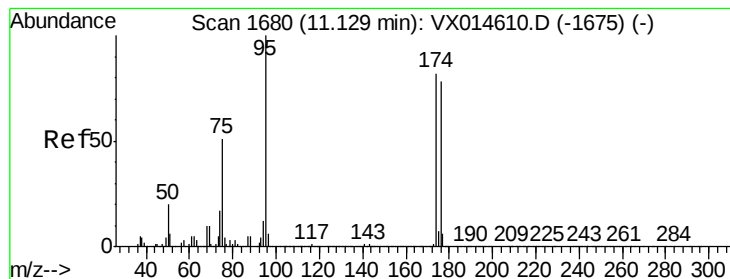
Tot Ion:	43	Resp:	691518
Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	17.5	14.2	21.2



#59
2-Hexanone
Concen: 103.715 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion:	43	Resp:	532717
Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.8	65.6
57	18.5	15.4	23.0





#60

4-Bromofluorobenzene

Concen: 30.129 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

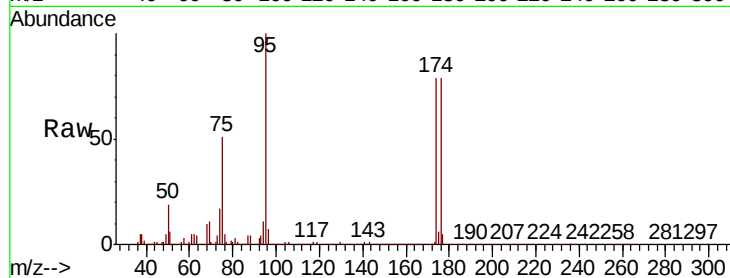
Tot Ion: 95 Resp: 170030

Ion Ratio Lower Upper

95 100

174 87.2 70.2 105.2

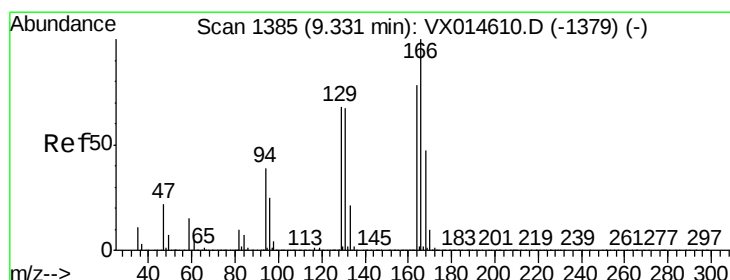
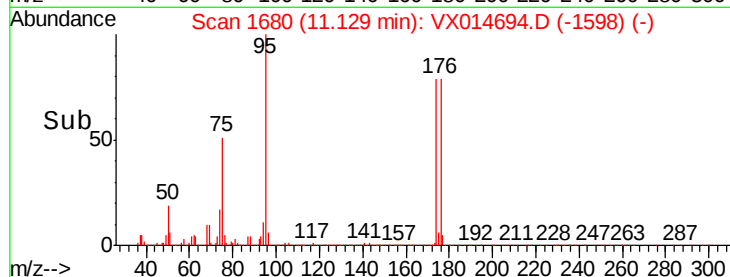
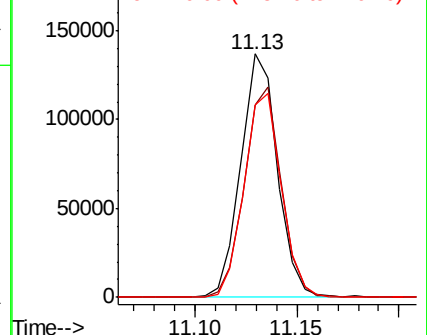
176 85.2 68.3 102.5



Abundance Ion 95.00 (94.70 to 95.70): VX014694.D (-1598) (-)

Ion 174.00 (173.70 to 174.70): VX014694.D (-1598) (-)

Ion 176.00 (175.70 to 176.70): VX014694.D (-1598) (-)



#61

Tetrachloroethene

Concen: 23.717 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion: 164 Resp: 123630

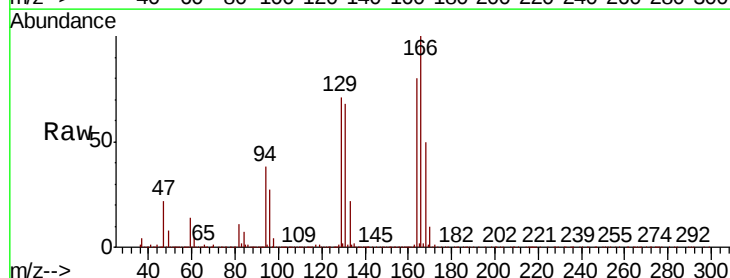
Ion Ratio Lower Upper

164 100

166 125.0 104.2 156.2

129 89.2 71.6 107.4

131 85.3 71.7 107.5

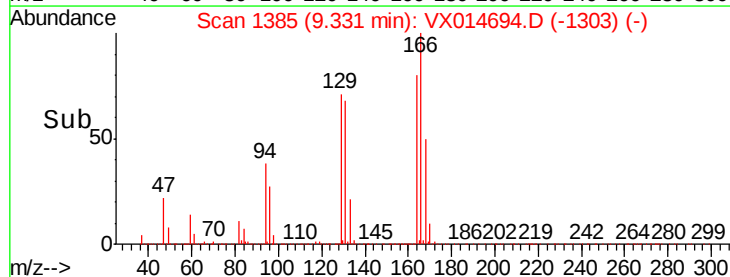
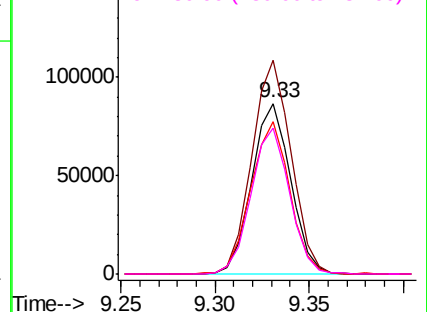


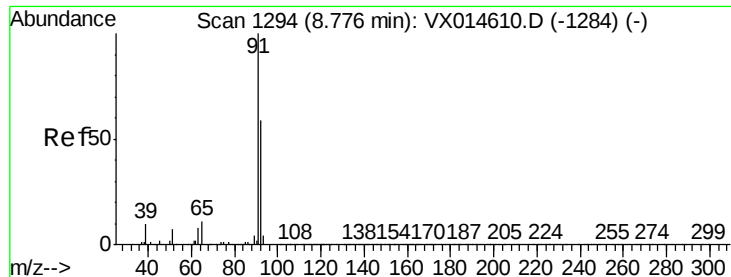
Abundance Ion 163.85 (163.55 to 164.55): VX014694.D (-1303) (-)

Ion 165.80 (165.50 to 166.50): VX014694.D (-1303) (-)

Ion 128.90 (128.60 to 129.60): VX014694.D (-1303) (-)

Ion 130.90 (130.60 to 131.60): VX014694.D (-1303) (-)





#62

Toluene

Concen: 20.317 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

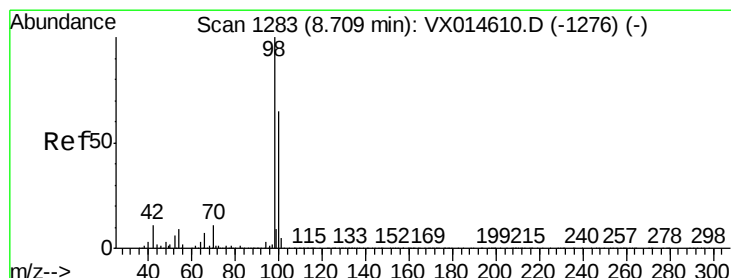
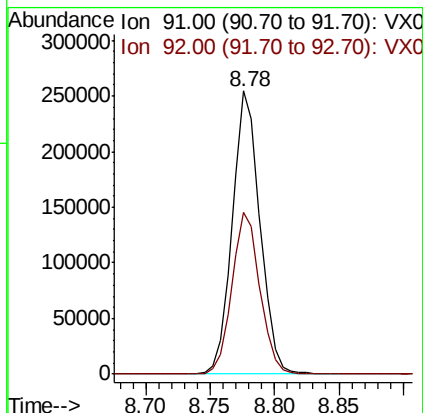
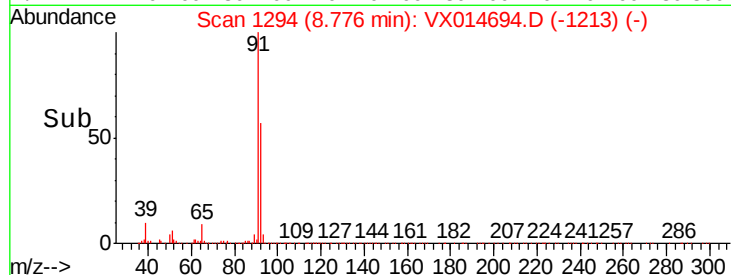
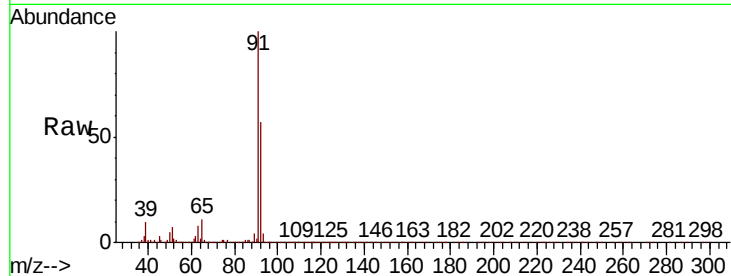
VX0124WBSD01

Tot Ion: 91 Resp: 380154

Ion Ratio Lower Upper

91 100

92 57.8 46.4 69.6



#63

Toluene-d8

Concen: 30.301 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014694.D

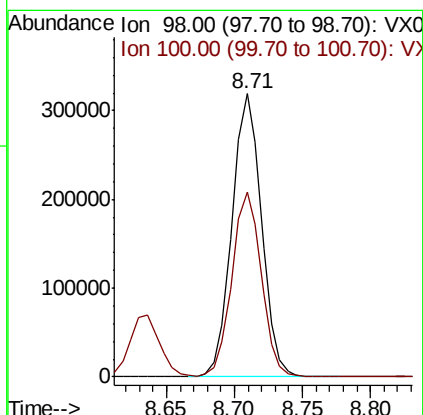
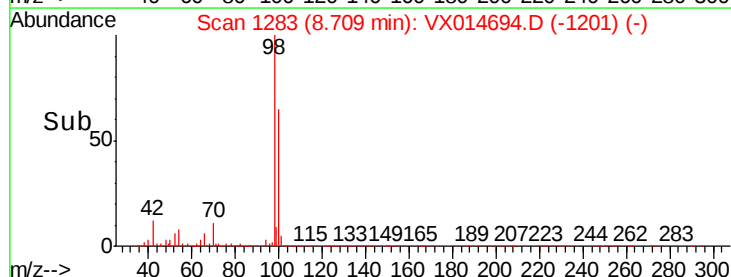
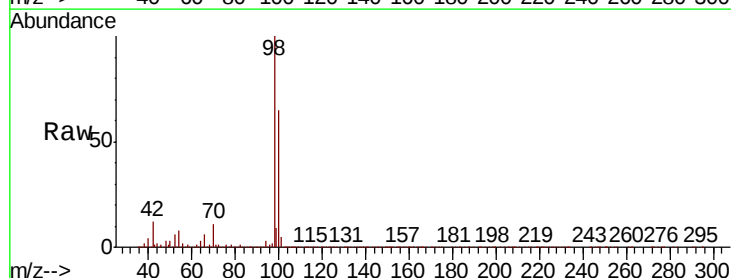
Acq: 24 Jan 2020 13:58

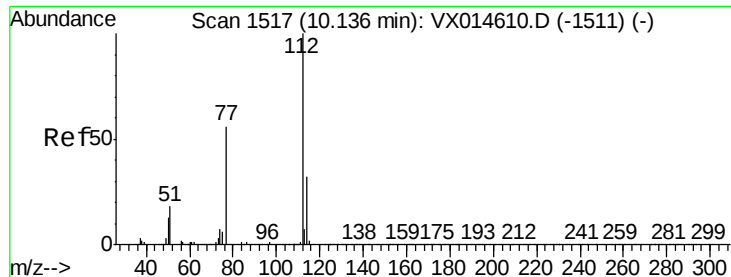
Tgt Ion: 98 Resp: 482690

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2

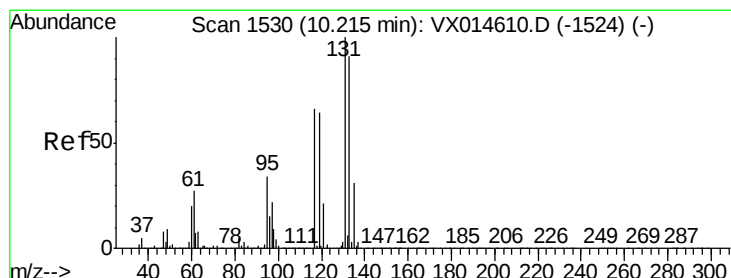
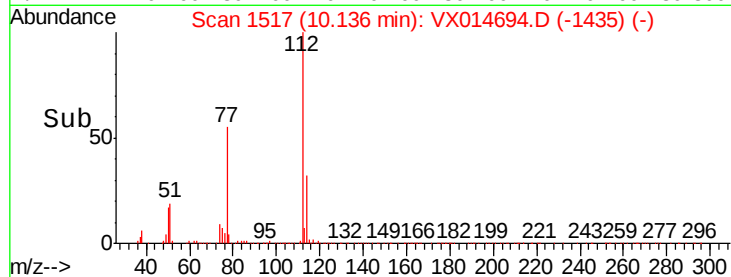
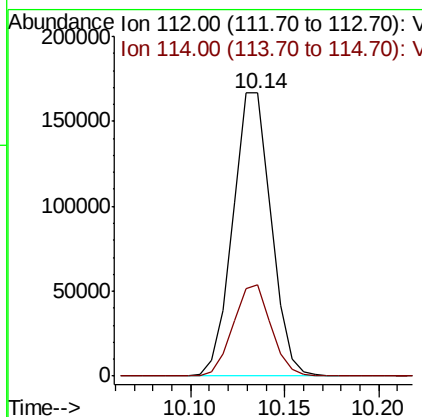
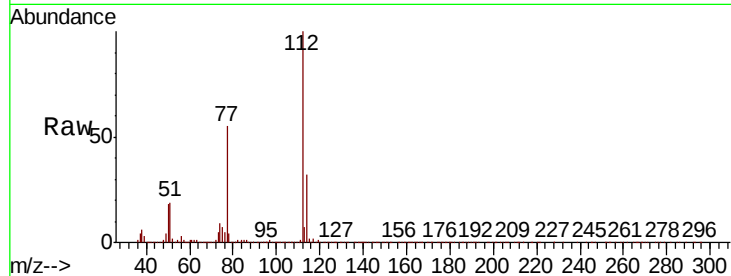




#64
Chlorobenzene
Concen: 20.196 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

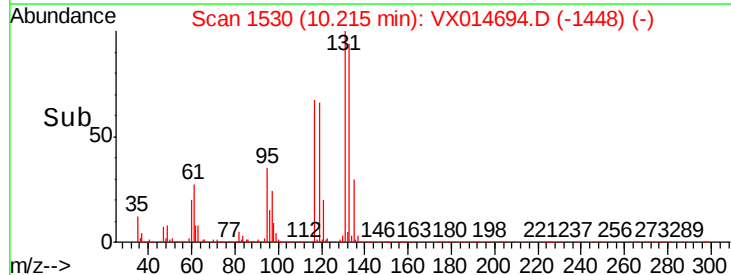
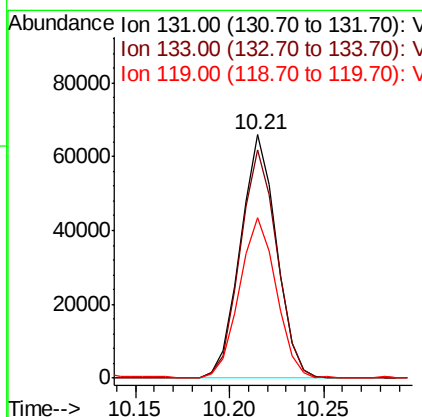
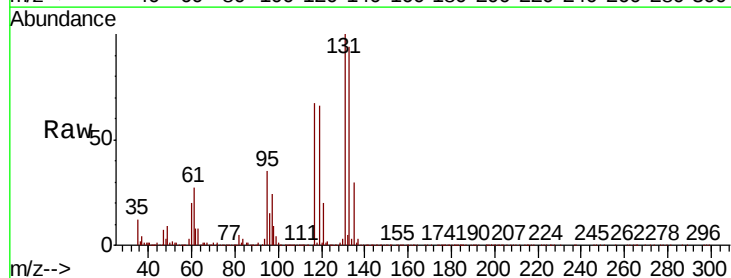
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

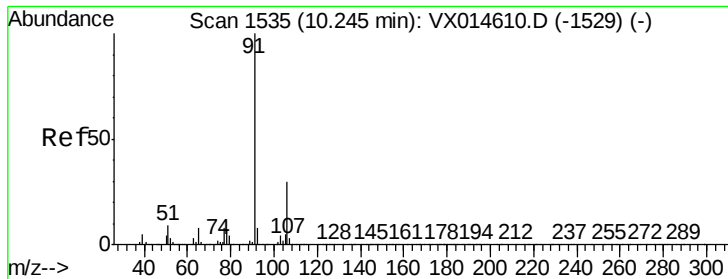
Tot Ion:112 Resp: 235902
Ion Ratio Lower Upper
112 100
114 32.3 24.4 36.6



#65
1,1,1,2-Tetrachloroethane
Concen: 20.344 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion:131 Resp: 87764
Ion Ratio Lower Upper
131 100
133 95.1 0.0 189.8
119 66.7 0.0 132.2





#66

Ethyl Benzene

Concen: 19.925 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

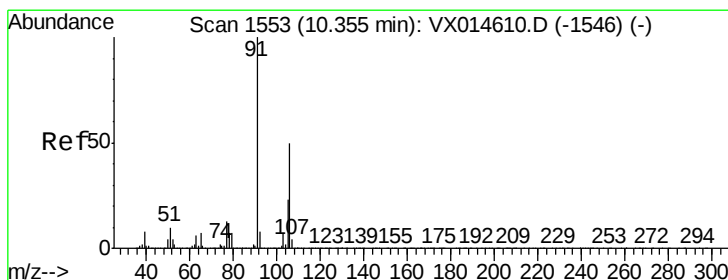
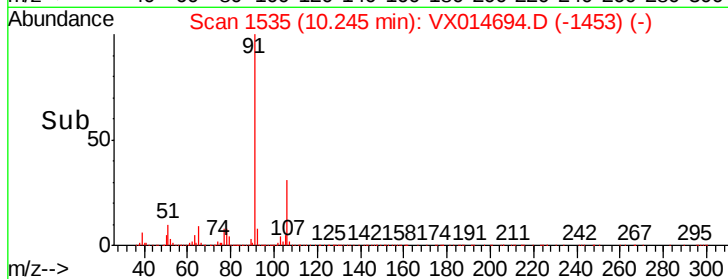
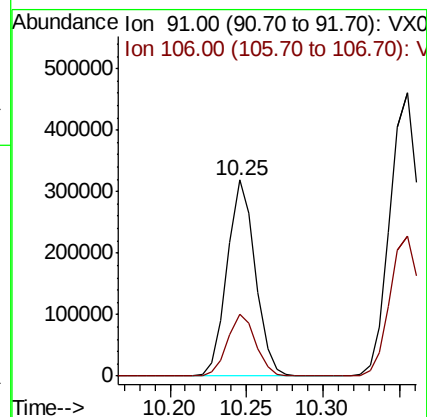
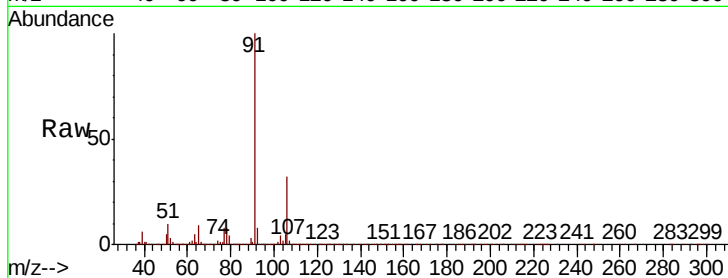
VX0124WBSD01

Tot Ion: 91 Resp: 406071

Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.2



#67

m/p-Xylenes

Concen: 40.094 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014694.D

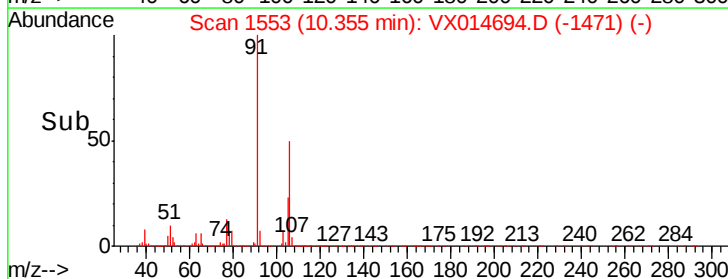
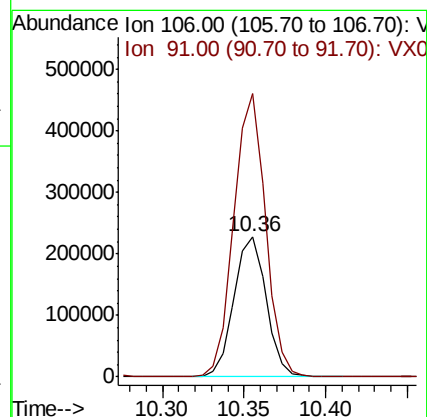
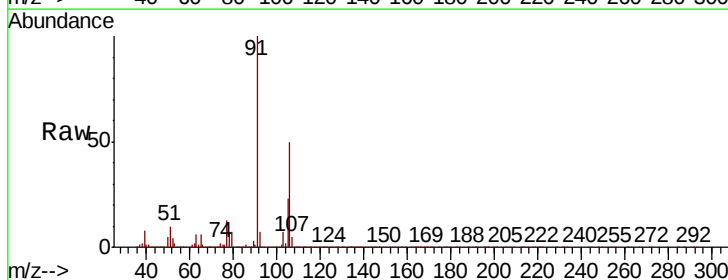
Acq: 24 Jan 2020 13:58

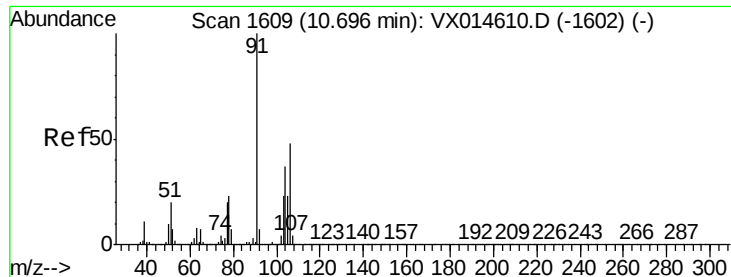
Tgt Ion: 106 Resp: 312992

Ion Ratio Lower Upper

106 100

91 199.0 159.3 238.9

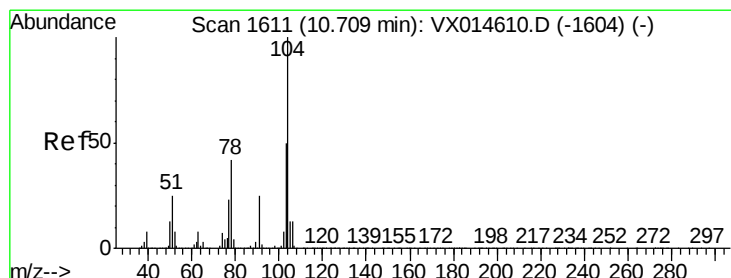
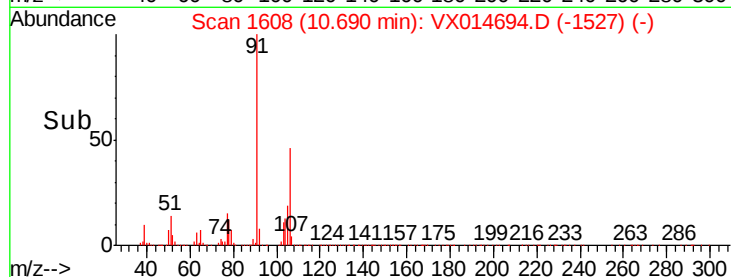
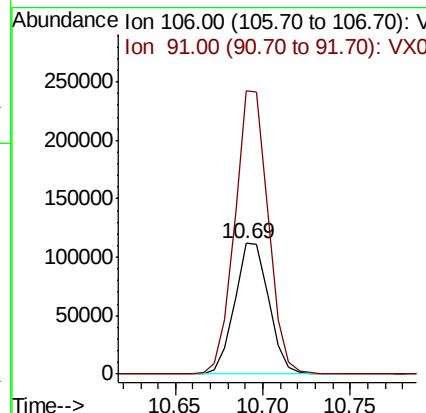
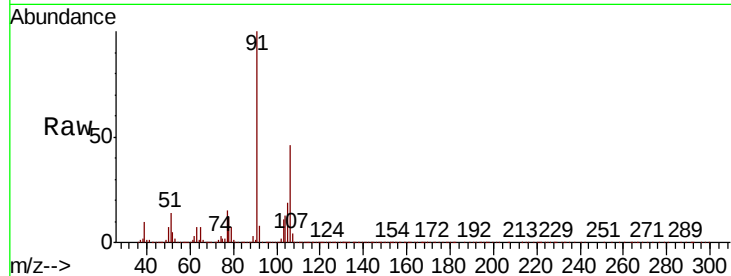




#68
o-Xylene
Concen: 19.806 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

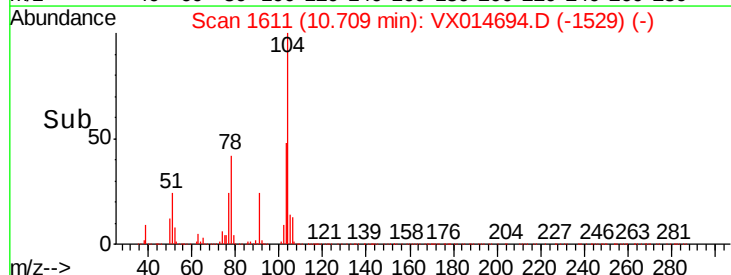
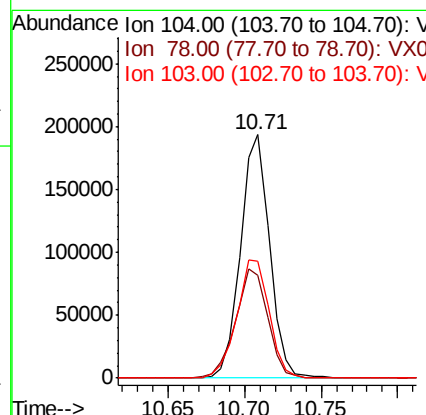
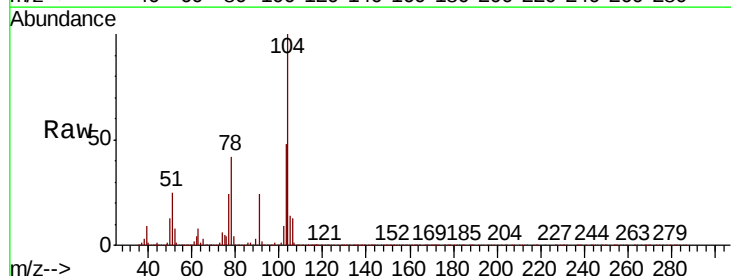
Instrument :
MSVOA_X
ClientSampleID :
VX0124WBSD01

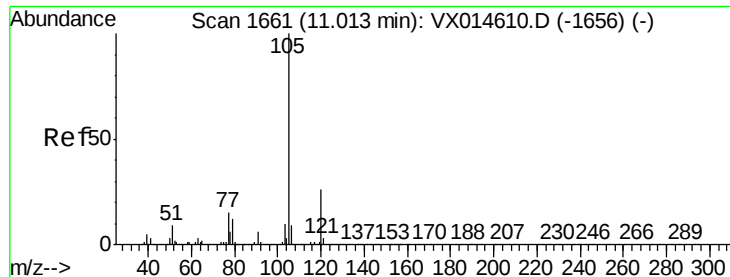
Tot Ion:106 Resp: 150557
Ion Ratio Lower Upper
106 100
91 213.2 104.8 314.6



#69
Styrene
Concen: 19.760 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion:104 Resp: 254509
Ion Ratio Lower Upper
104 100
78 50.0 38.9 58.3
103 54.3 44.2 66.2





#70

Isopropylbenzene

Concen: 20.122 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

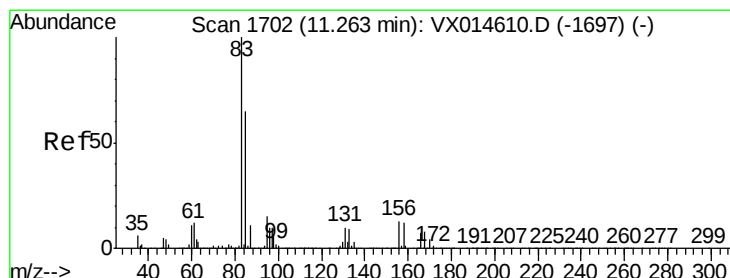
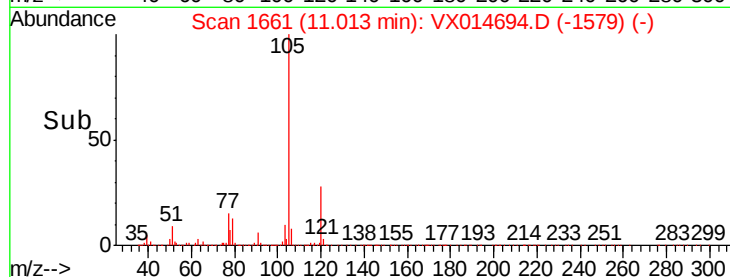
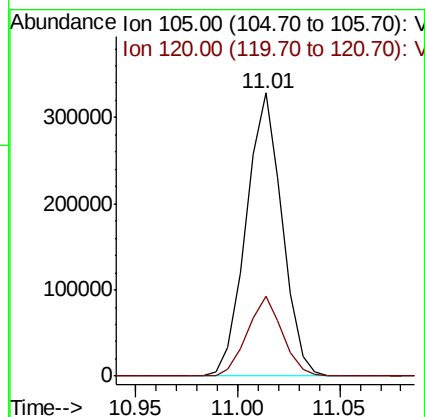
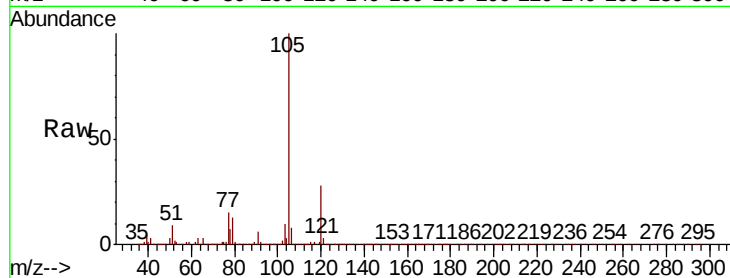
VX0124WBSD01

Tot Ion: 105 Resp: 400727

Ion Ratio Lower Upper

105 100

120 27.5 19.1 35.5



#71

1,1,2,2-Tetrachloroethane

Concen: 20.073 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

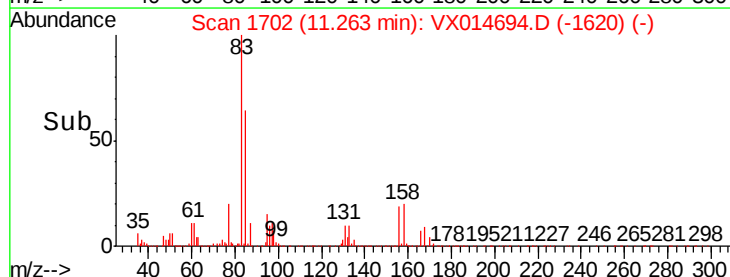
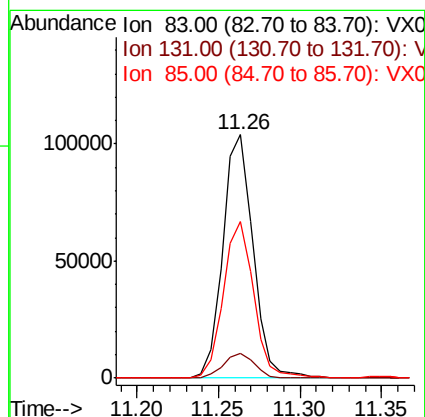
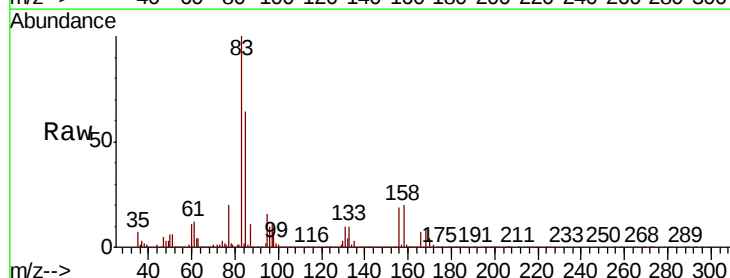
Tgt Ion: 83 Resp: 134654

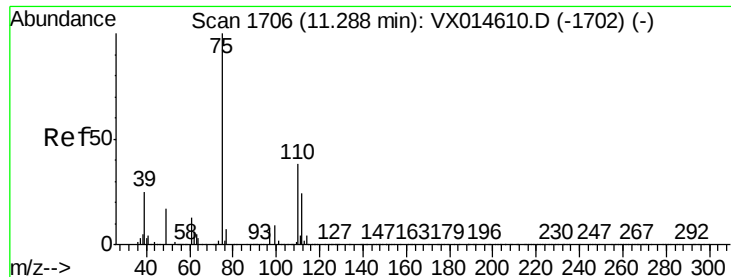
Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 64.1 31.6 94.7





#72

1,2,3-Trichloropropane

Concen: 27.464 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

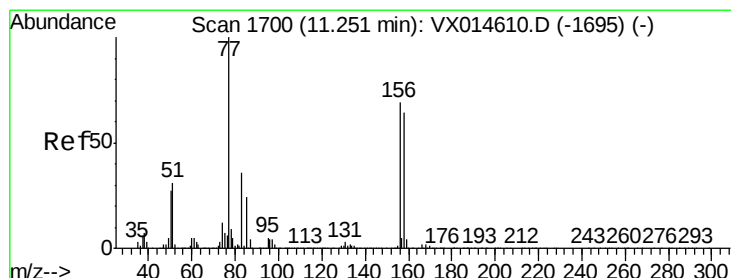
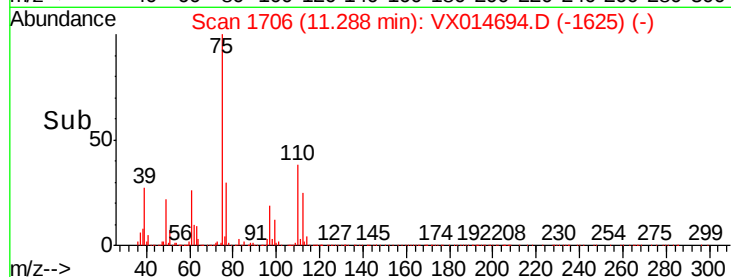
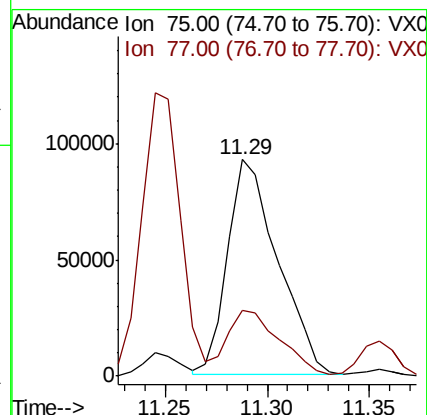
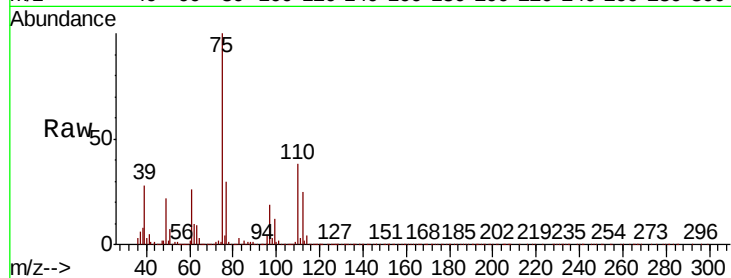
VX0124WBSD01

Tot Ion: 75 Resp: 157591

Ion Ratio Lower Upper

75 100

77 30.6 0.0 68.4



#73

Bromobenzene

Concen: 19.734 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

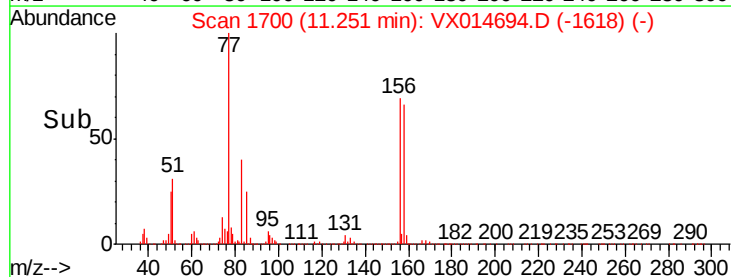
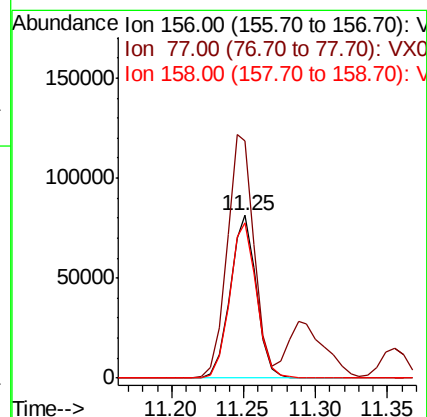
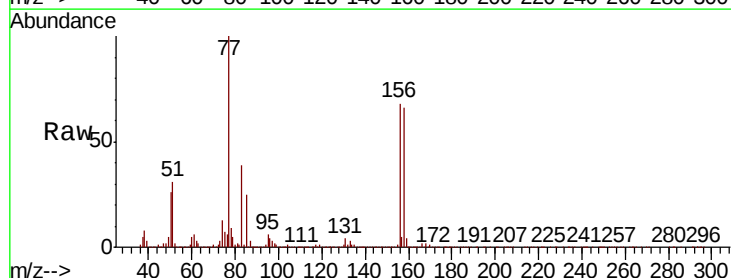
Tgt Ion: 156 Resp: 104180

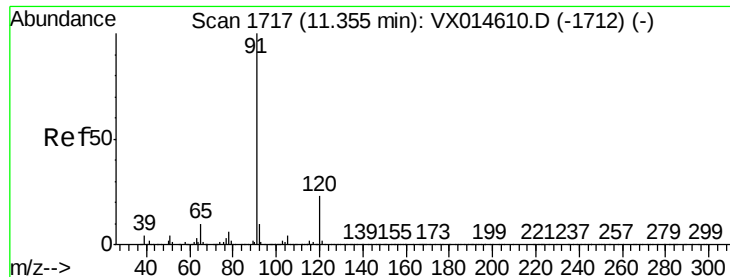
Ion Ratio Lower Upper

156 100

77 153.9 0.0 304.6

158 97.8 0.0 195.2





#74

n-propylbenzene

Concen: 20.318 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

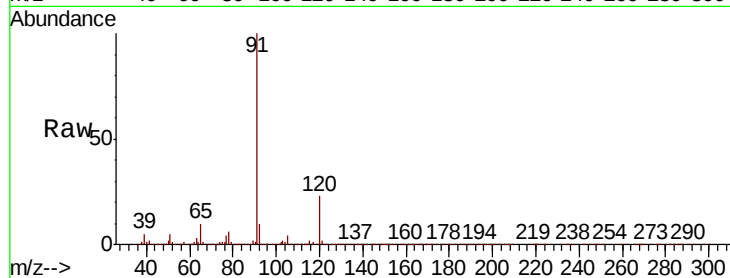
VX0124WBSD01

Tot Ion: 91 Resp: 462362

Ion Ratio Lower Upper

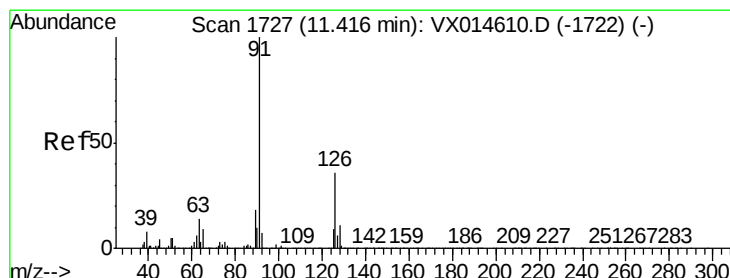
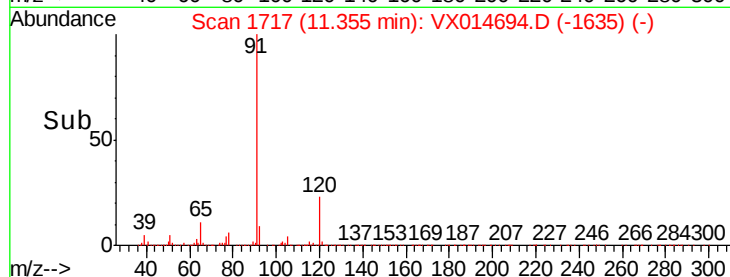
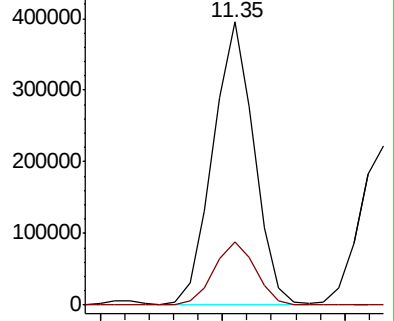
91 100

120 22.8 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 20.392 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014694.D

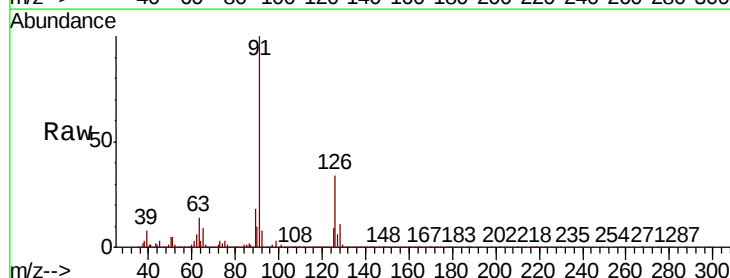
Acq: 24 Jan 2020 13:58

Tgt Ion: 91 Resp: 278116

Ion Ratio Lower Upper

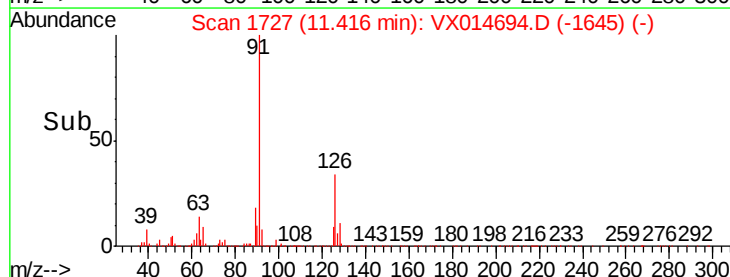
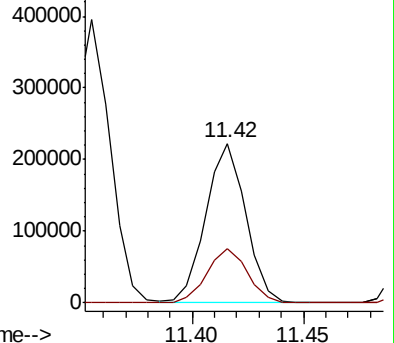
91 100

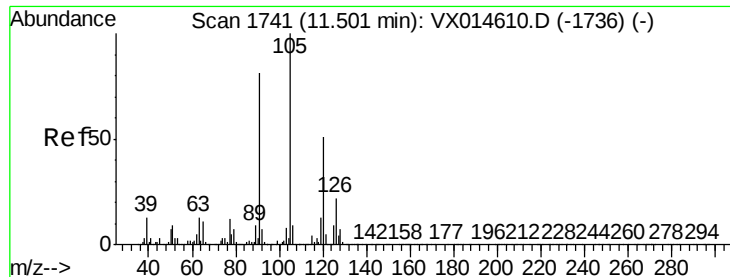
126 34.7 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 20.556 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

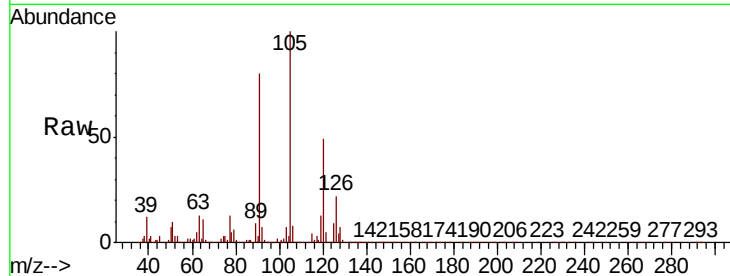
VX0124WBSD01

Tot Ion:105 Resp: 341116

Ion Ratio Lower Upper

105 100

120 49.2 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

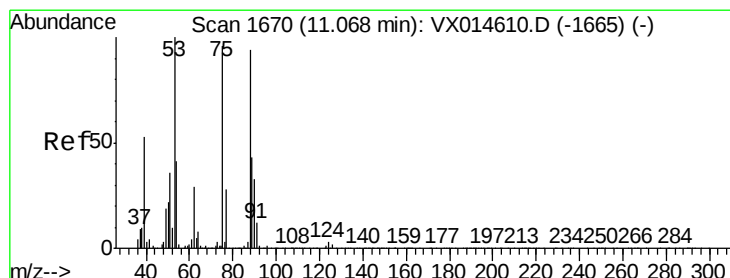
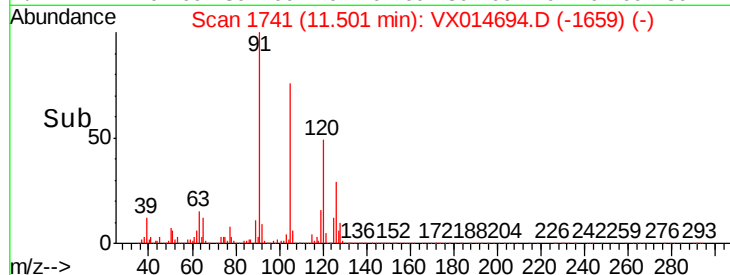
200000

100000

0

11.45 11.50 11.55

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 19.335 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

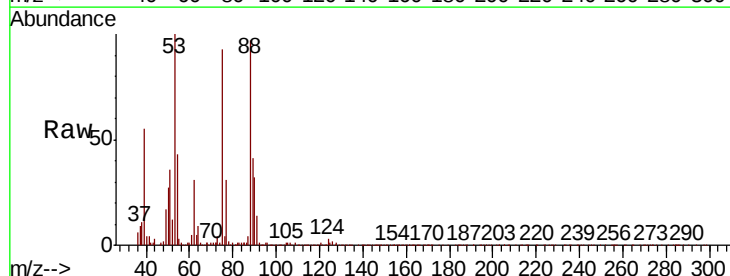
Tgt Ion: 75 Resp: 42701

Ion Ratio Lower Upper

75 100

53 106.8 54.4 163.1

89 43.8 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

80000

60000

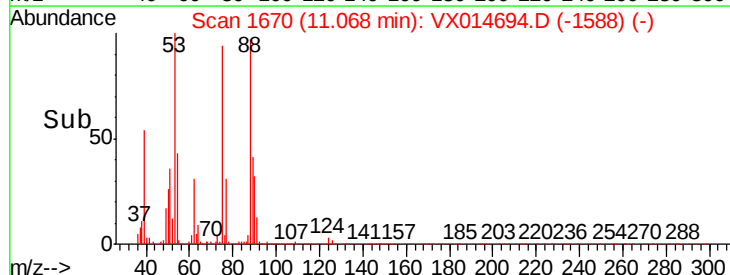
40000

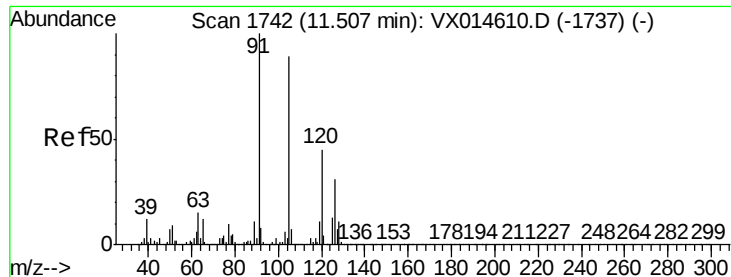
20000

0

11.05 11.07 11.10

Time-->





#78

4-Chlorotoluene

Concen: 20.297 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

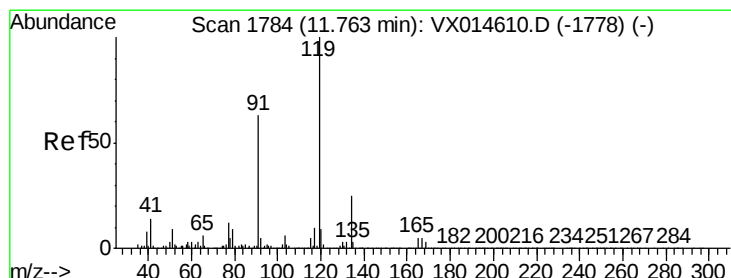
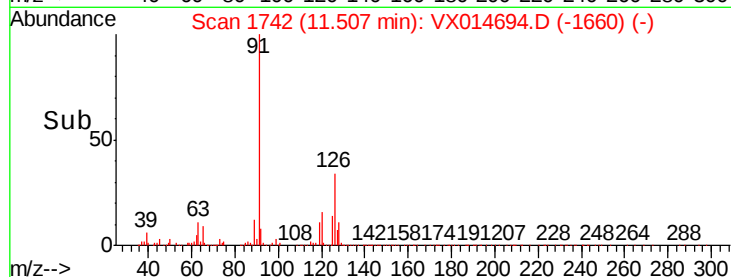
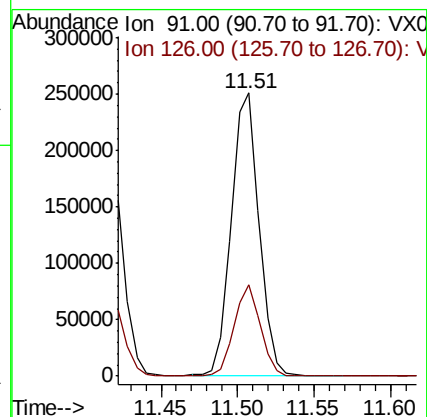
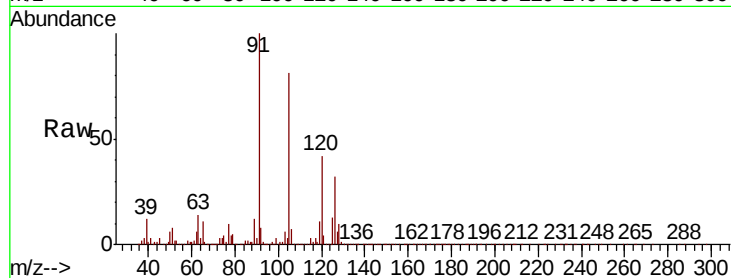
VX0124WBSD01

Tot Ion: 91 Resp: 314374

Ion Ratio Lower Upper

91 100

126 30.5 0.0 59.6



#79

tert-butylbenzene

Concen: 19.303 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

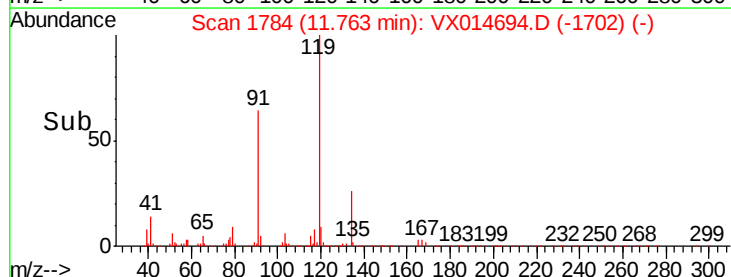
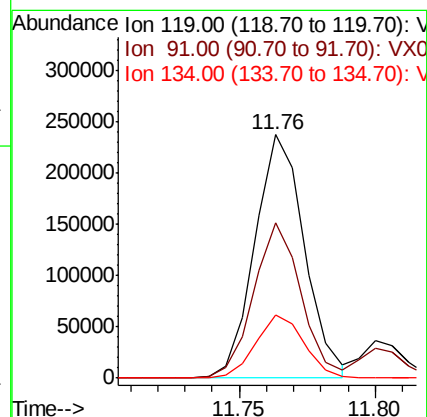
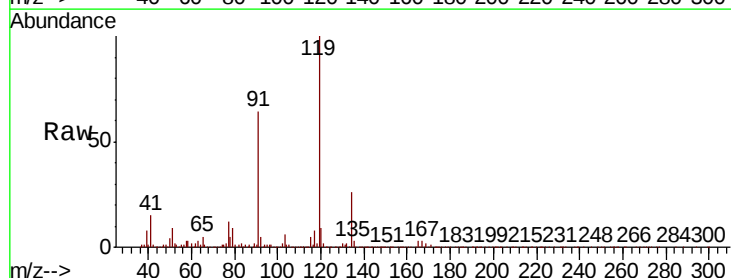
Tgt Ion: 119 Resp: 299713

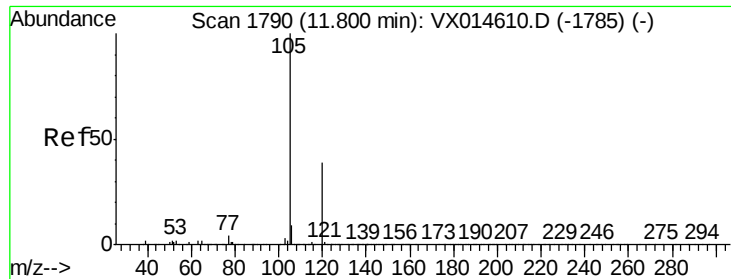
Ion Ratio Lower Upper

119 100

91 60.9 0.0 112.6

134 25.4 0.0 49.8

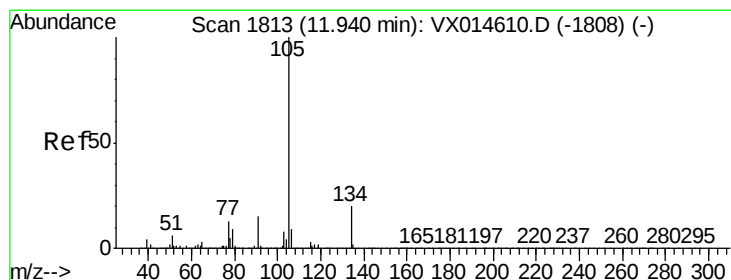
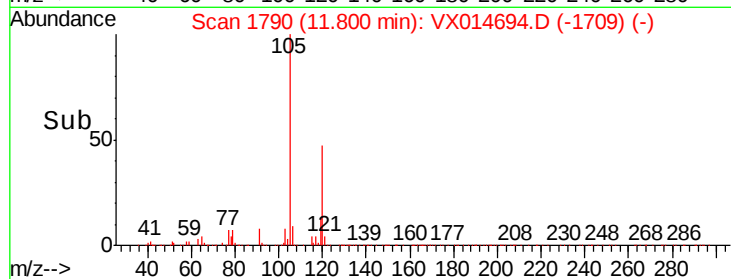
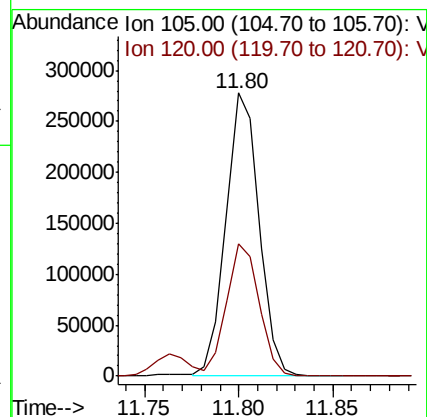
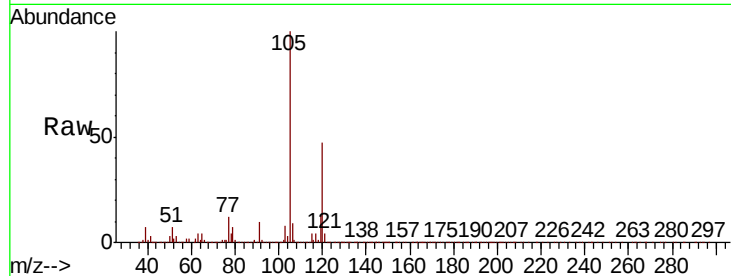




#80
 1,2,4-Trimethylbenzene
 Concen: 20.510 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

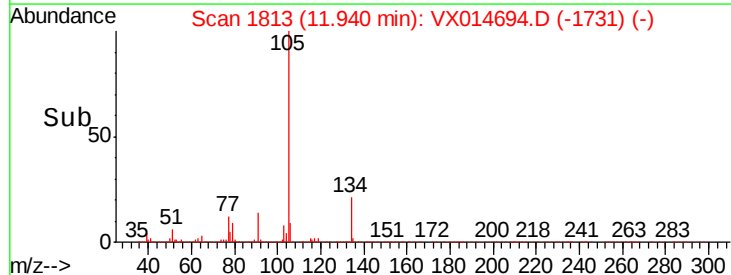
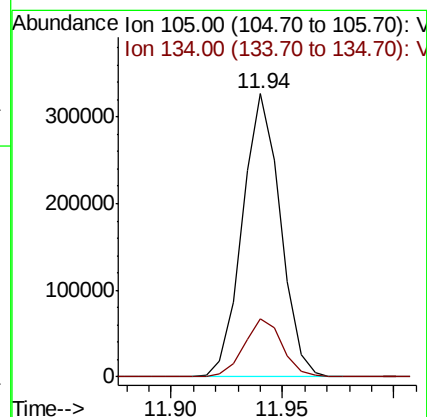
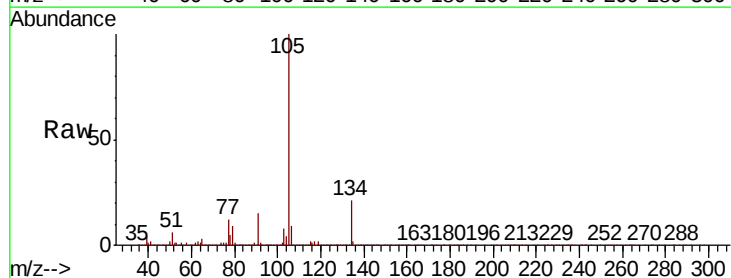
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

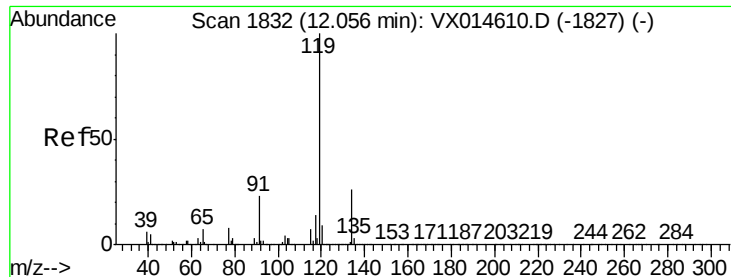
Tot Ion:105 Resp: 339466
 Ion Ratio Lower Upper
 105 100
 120 46.0 0.0 92.0



#81
 sec-Butylbenzene
 Concen: 20.183 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion:105 Resp: 387782
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 40.2

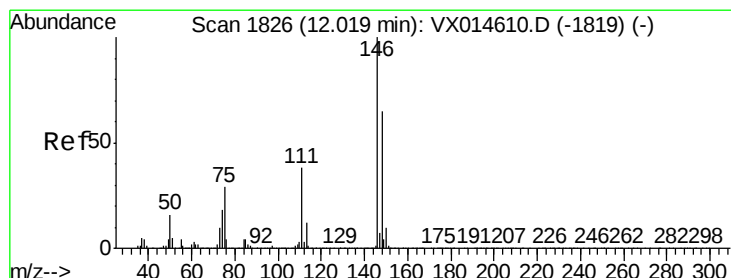
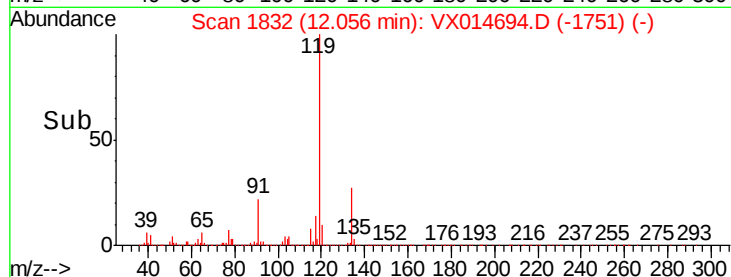
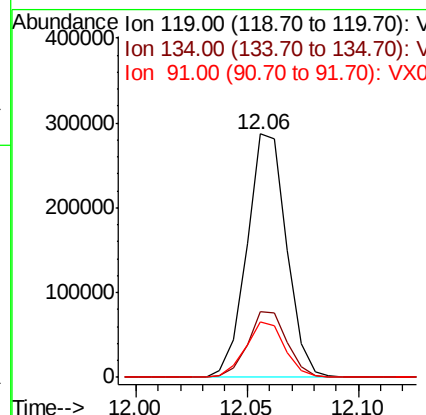
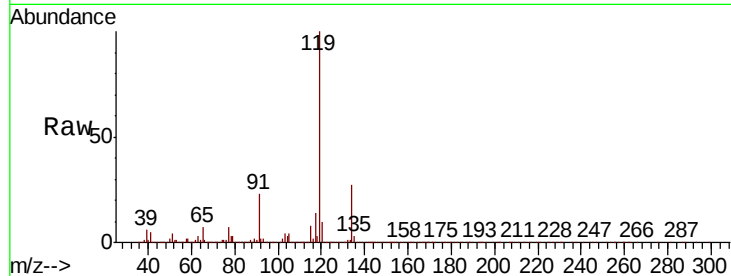




#82
 p-Isopropyltoluene
 Concen: 20.350 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

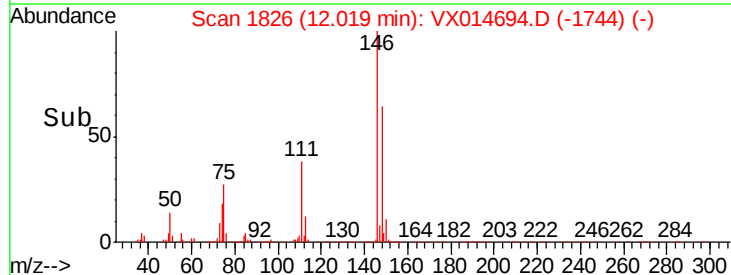
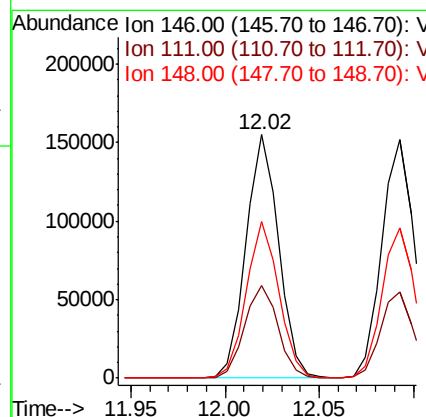
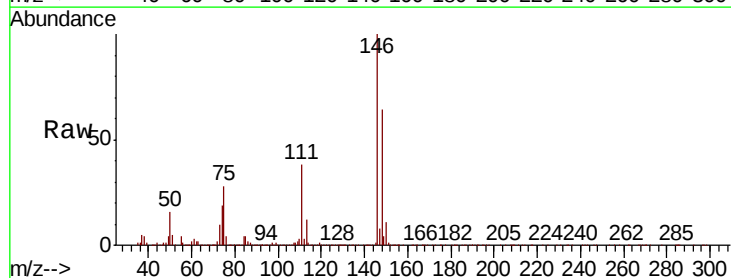
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

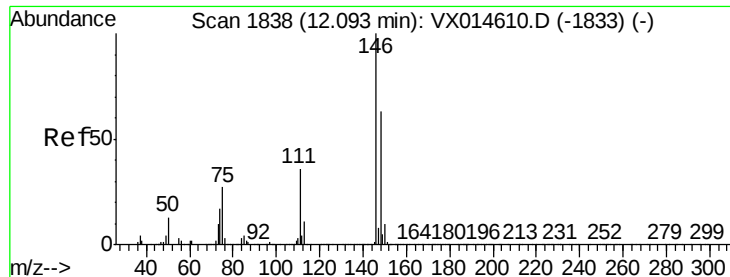
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	53.8
91	22.2	0.0	45.0



#83
 1,3-Dichlorobenzene
 Concen: 20.221 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.9
148	64.2	32.2	96.6

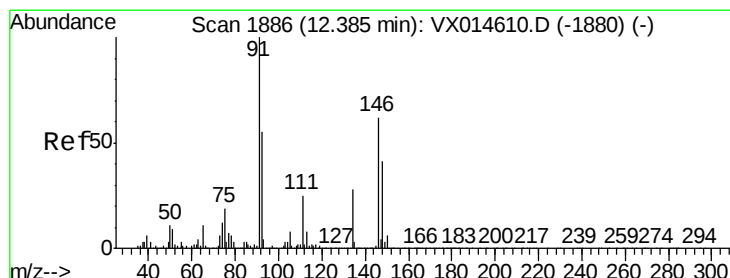
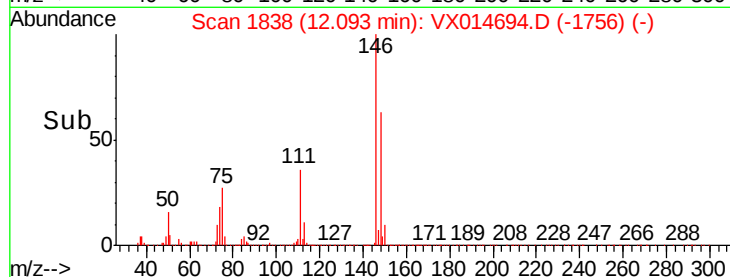
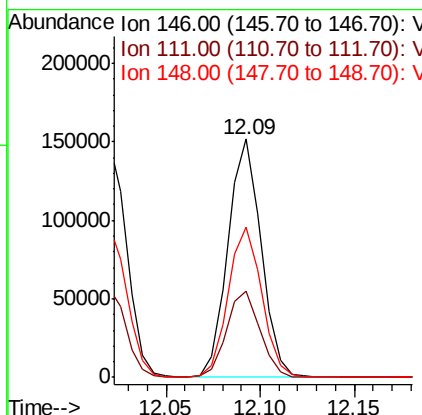
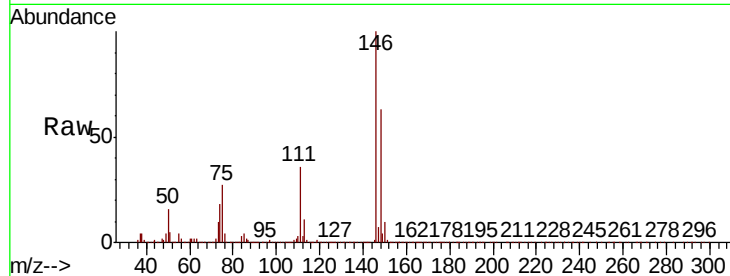




#84
 1,4-Dichlorobenzene
 Concen: 20.273 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

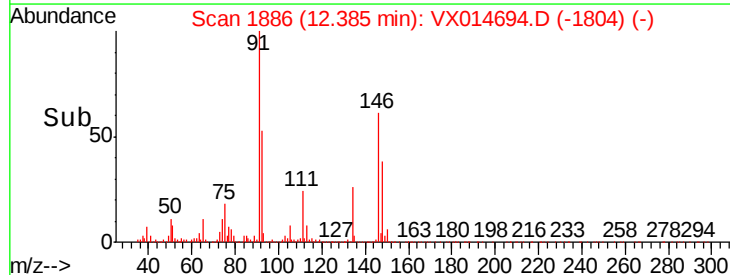
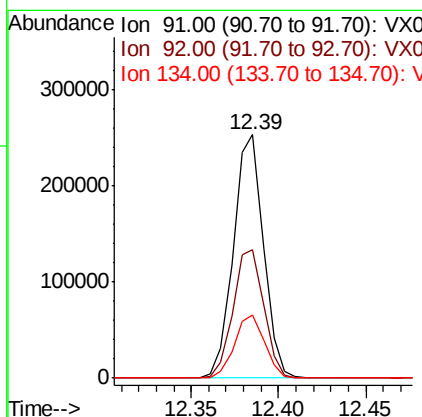
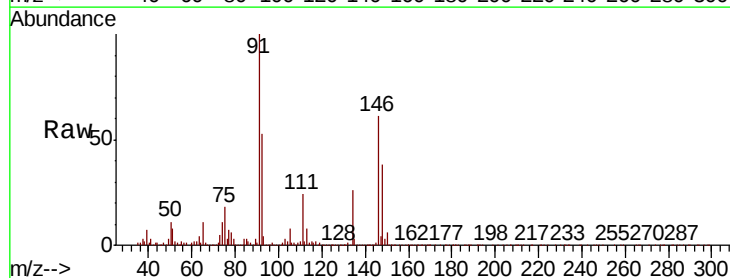
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

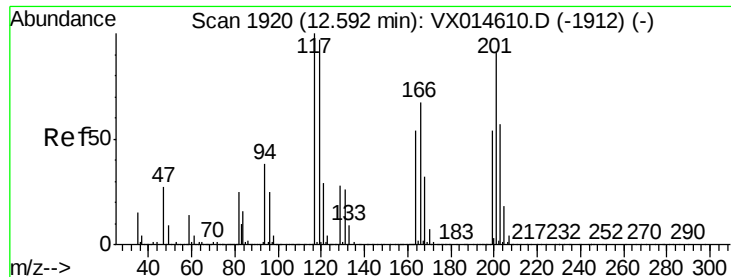
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.4
148	63.5	32.0	96.0



#85
 n-Butylbenzene
 Concen: 19.595 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	0.0	109.0
134	26.1	0.0	54.0

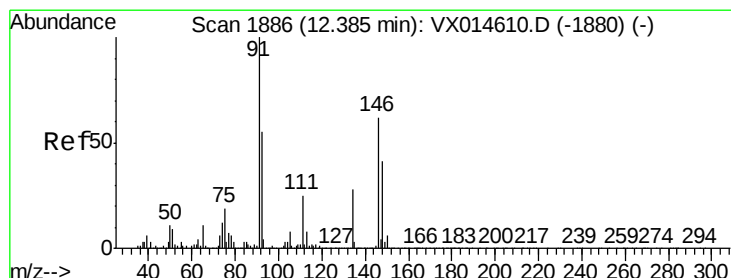
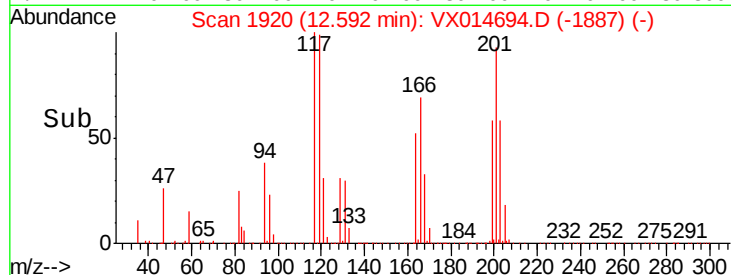
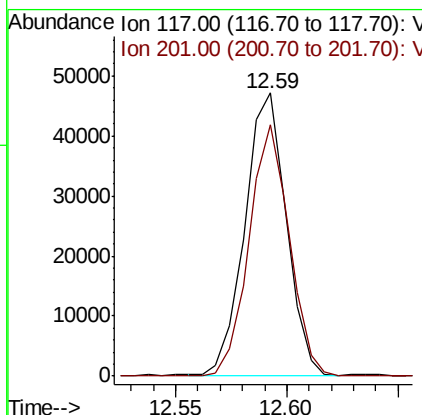
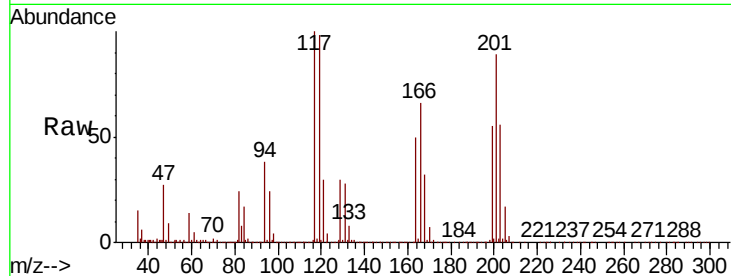




#86
Hexachloroethane
Concen: 19.488 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

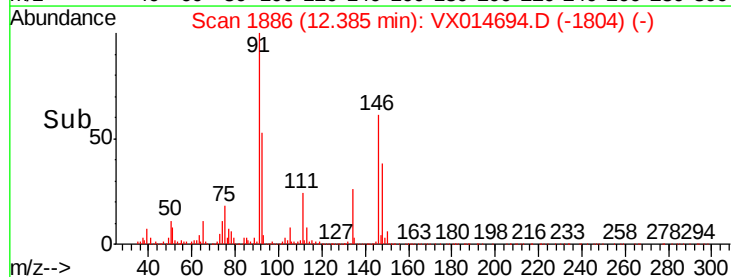
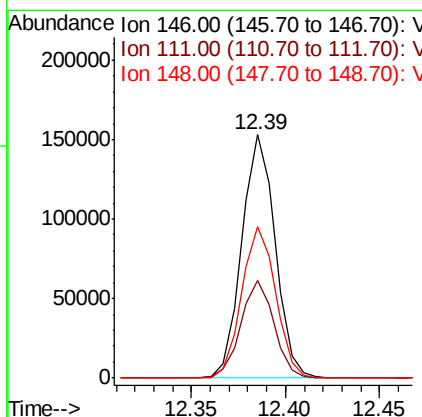
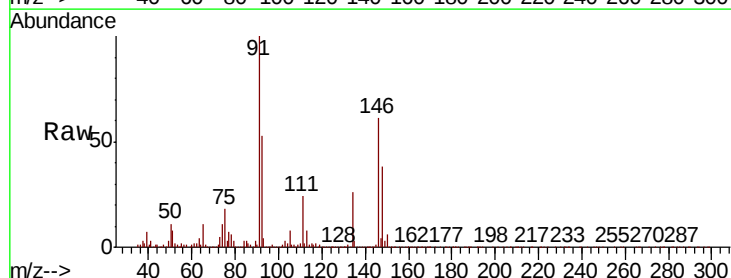
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

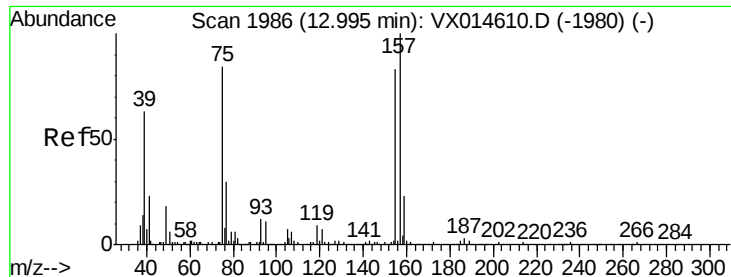
Tot Ion:117 Resp: 61296
Ion Ratio Lower Upper
117 100
201 86.0 44.8 134.3



#87
1,2-Dichlorobenzene
Concen: 20.298 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion:146 Resp: 188792
Ion Ratio Lower Upper
146 100
111 39.3 20.1 60.2
148 63.0 32.0 96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.640 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

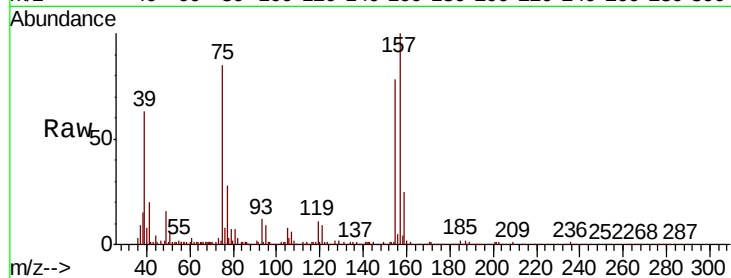
Tot Ion: 75 Resp: 28144

Ion Ratio Lower Upper

75 100

155 94.5 73.8 110.6

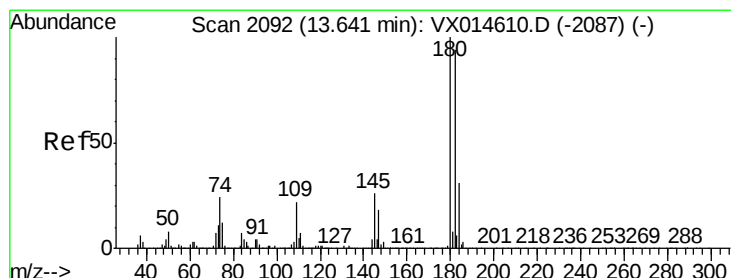
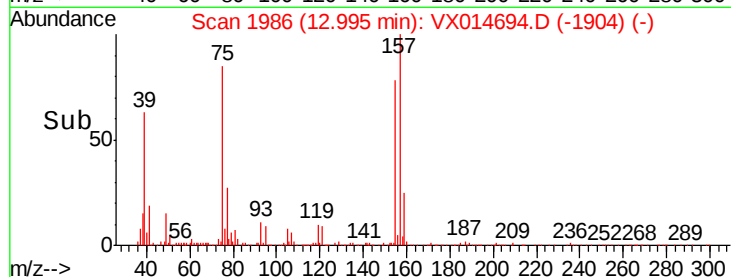
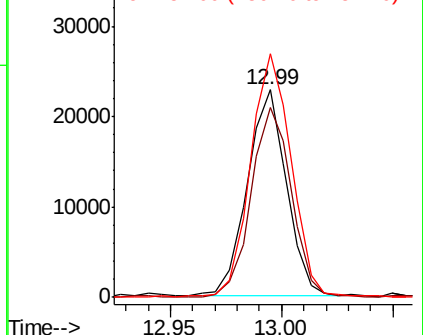
157 120.4 95.0 142.4



Abundance Ion 75.00 (74.70 to 75.70): VX014610.D (-1980) (-)

Ion 155.00 (154.70 to 155.70): VX014610.D (-1980) (-)

Ion 157.00 (156.70 to 157.70): VX014610.D (-1980) (-)



#89

1,2,4-Trichlorobenzene

Concen: 20.163 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

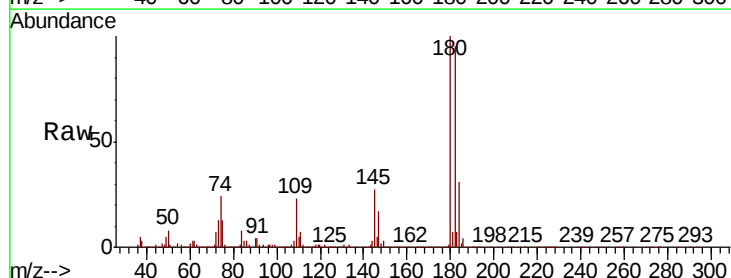
Tgt Ion: 180 Resp: 123784

Ion Ratio Lower Upper

180 100

182 93.1 76.4 114.6

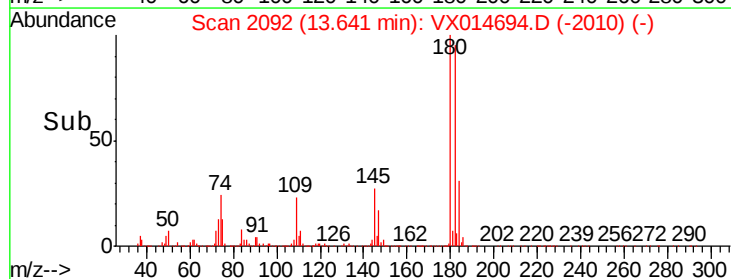
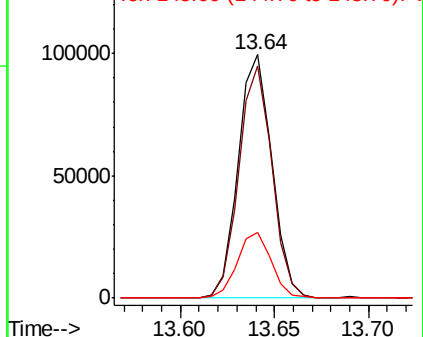
145 26.8 21.9 32.9

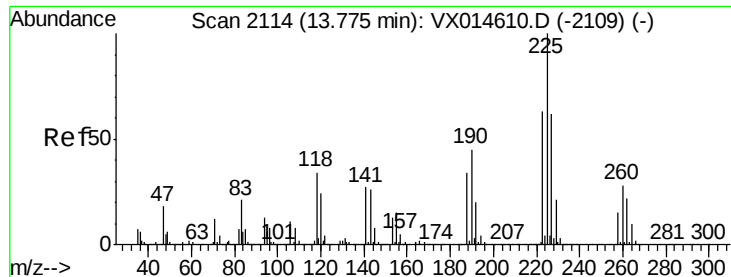


Abundance Ion 180.00 (179.70 to 180.70): VX014610.D (-2087) (-)

Ion 182.00 (181.70 to 182.70): VX014610.D (-2087) (-)

Ion 145.00 (144.70 to 145.70): VX014610.D (-2087) (-)





#90

Hexachlorobutadiene

Concen: 20.502 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0124WBSD01

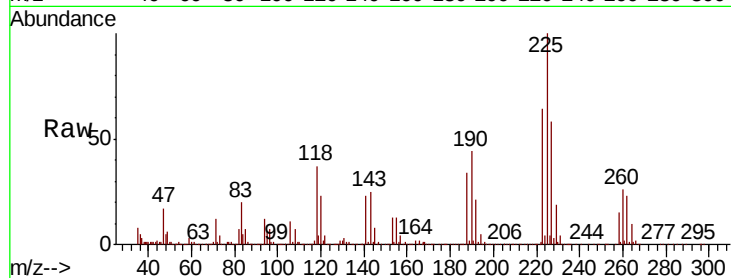
Tot Ion:225 Resp: 62891

Ion Ratio Lower Upper

225 100

223 64.5 0.0 127.4

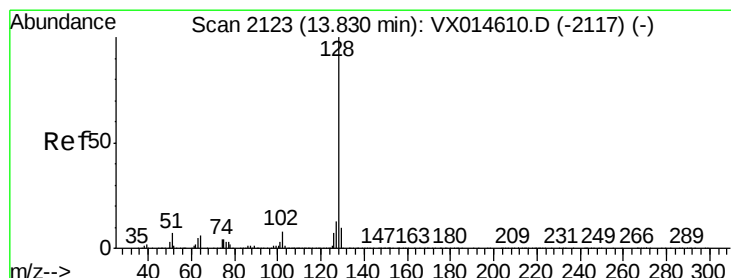
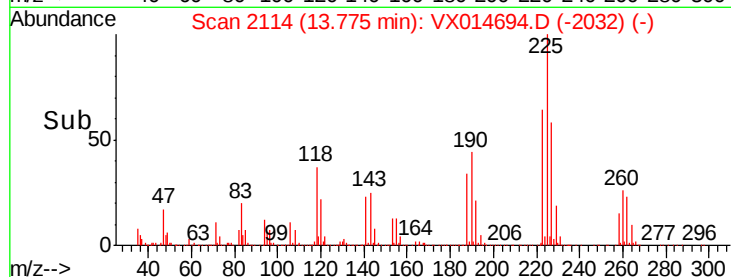
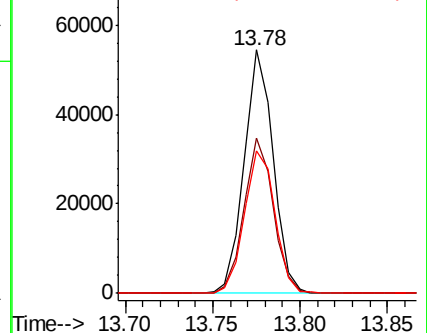
227 61.3 0.0 122.8



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 19.825 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

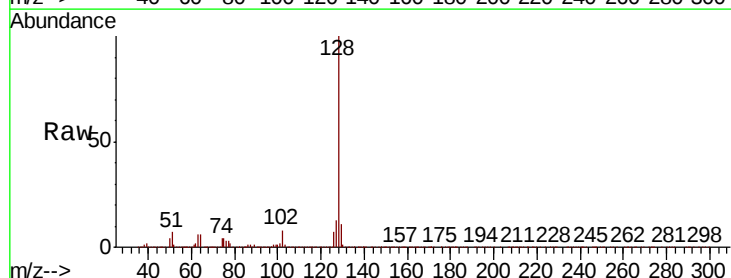
Tgt Ion:128 Resp: 367378

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

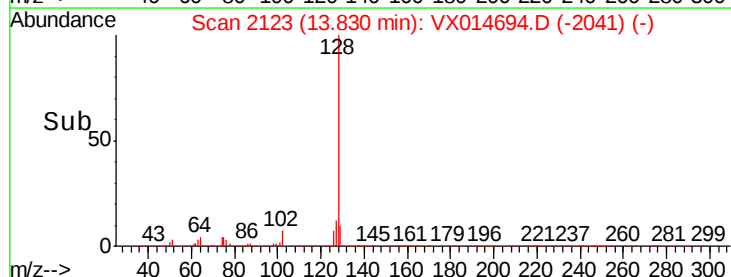
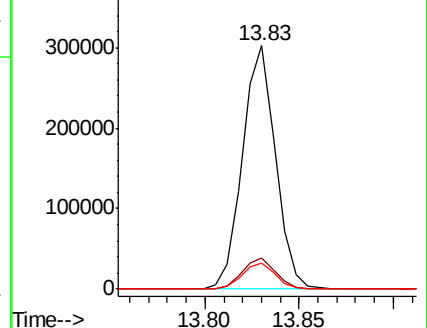
129 10.9 8.9 13.3

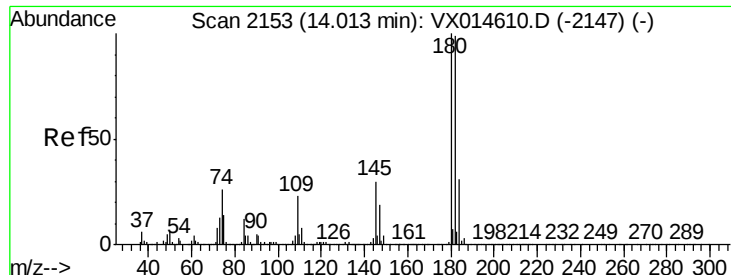


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

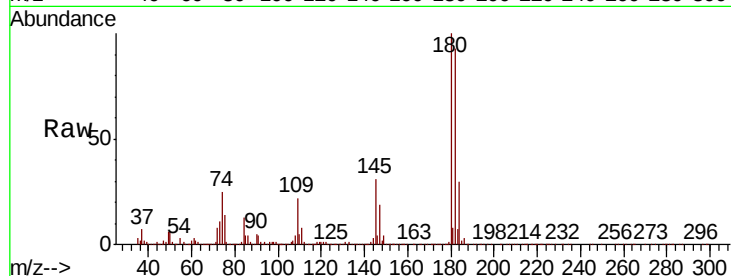




#92
 1,2,3-Trichlorobenzene
 Concen: 20.077 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	192.8
145	30.5	0.0	60.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

