

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
 Data File : VX014454.D
 Acq On : 07 Jan 2020 17:44
 Operator : JC/SP
 Sample : VX0107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Quant Time: Jan 08 01:33:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	533006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	797173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373006	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	290373	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
35) Dibromofluoromethane	5.49	113	242761	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	8.71	98	949858	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	342418	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	131887	20.082	ug/l	100
3) Chloromethane	1.32	50	137028	20.168	ug/l	98
4) Vinyl Chloride	1.41	62	151307	19.985	ug/l	98
5) Bromomethane	1.64	94	89506	17.835	ug/l	100
6) Chloroethane	1.72	64	86379	20.169	ug/l	98
7) Trichlorofluoromethane	1.93	101	166131	19.344	ug/l	100
8) Diethyl Ether	2.18	74	71867	18.342	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96897	18.545	ug/l	98
10) Methyl Iodide	2.51	142	95006	15.185	ug/l	99
11) Tert butyl alcohol	3.02	59	127009	102.230	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97518	18.525	ug/l	99
13) Acrolein	2.28	56	93585	93.980	ug/l	96
14) Allyl chloride	2.72	41	175069	18.942	ug/l	99
15) Acrylonitrile	3.13	53	288883	96.342	ug/l	98
16) Acetone	2.43	43	302212	98.770	ug/l	99
17) Carbon Disulfide	2.56	76	273875	18.645	ug/l	99
18) Methyl Acetate	2.76	43	174984	20.461	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	325888	19.285	ug/l	99
20) Methylene Chloride	2.85	84	112444	18.785	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	107775	18.753	ug/l	96
22) Diisopropyl ether	3.84	45	347884	19.477	ug/l	98
23) Vinyl Acetate	3.80	43	1324765	95.801	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188369	19.387	ug/l	100
25) 2-Butanone	4.65	43	436096	98.118	ug/l	99
26) 2,2-Dichloropropane	4.58	77	154626	18.786	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	120532	18.761	ug/l	99
28) Bromochloromethane	5.00	49	77267	18.872	ug/l	96
29) Tetrahydrofuran	5.12	42	265986	101.219	ug/l	99
30) Chloroform	5.20	83	182941	19.268	ug/l	99
31) Cyclohexane	5.57	56	180300	19.825	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	158236	19.470	ug/l	99
36) 1,1-Dichloropropene	5.79	75	143318	19.118	ug/l	99
37) Ethyl Acetate	4.82	43	156886	19.266	ug/l	100
38) Carbon Tetrachloride	5.78	117	132802	19.250	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181546	19.276	ug/l	96
40) Benzene	6.14	78	428921	19.277	ug/l	100
41) Methacrylonitrile	5.03	41	86702	19.966	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148374	19.072	ug/l	99
43) Isopropyl Acetate	6.43	43	262624	19.965	ug/l	100
44) Trichloroethene	7.21	130	123792	19.360	ug/l	97
45) 1,2-Dichloropropane	7.51	63	111165	19.597	ug/l	99
46) Dibromomethane	7.65	93	71769	18.127	ug/l	98
47) Bromodichloromethane	7.89	83	138798	19.266	ug/l	98
48) Methyl methacrylate	7.76	41	126006	20.000	ug/l	99
49) 1,4-Dioxane	7.73	88	53072	397.556	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	811595	101.248	ug/l	100
52) Toluene	8.78	92	273898	19.230	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158787	18.932	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	173450	19.144	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	111126	19.424	ug/l	98
56) Ethyl methacrylate	9.17	69	174597	19.920	ug/l	98
57) 1,3-Dichloropropane	9.37	76	186055	19.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	303306	101.710	ug/l	99
59) 2-Hexanone	9.48	43	644347	101.592	ug/l	99
60) Dibromochloromethane	9.57	129	111763	19.436	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114864	18.954	ug/l	99
64) Tetrachloroethene	9.33	164	139133	19.200	ug/l	98
65) Chlorobenzene	10.14	112	296084	18.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	106222	18.969	ug/l	98
67) Ethyl Benzene	10.25	91	518242	19.378	ug/l	99
68) m/p-Xylenes	10.35	106	394208	38.207	ug/l	97
69) o-Xylene	10.70	106	191632	19.466	ug/l	99
70) Styrene	10.71	104	326250	19.204	ug/l	100
71) Bromoform	10.85	173	85984	18.768	ug/l	99
73) Isopropylbenzene	11.01	105	508900	19.429	ug/l	100
74) N-amyl acetate	10.89	43	224594	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159719	19.014	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	187908	24.348	ug/l	83
77) Bromobenzene	11.25	156	134555	18.524	ug/l	99
78) n-propylbenzene	11.35	91	581728	19.393	ug/l	100
79) 2-Chlorotoluene	11.42	91	341183	19.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	421378	19.377	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55360	18.965	ug/l	94
82) 4-Chlorotoluene	11.51	91	397077	18.921	ug/l	99
83) tert-Butylbenzene	11.76	119	386522	18.811	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	426446	19.407	ug/l	100
85) sec-Butylbenzene	11.94	105	499945	19.572	ug/l	99
86) p-Isopropyltoluene	12.06	119	458683	19.351	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244863	18.783	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	246514	19.774	ug/l	99
89) n-Butylbenzene	12.39	91	407572	18.806	ug/l	99
90) Hexachloroethane	12.59	117	76921	18.475	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	237607	18.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35938	19.020	ug/l	99

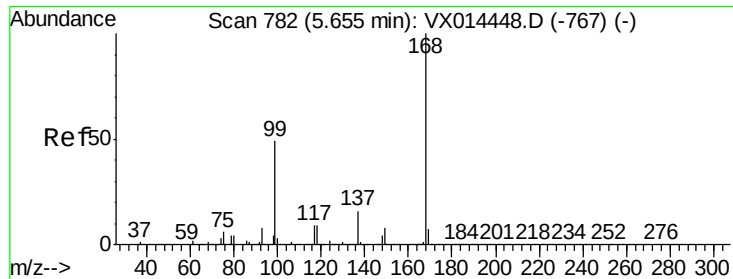
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
Data File : VX014454.D
Acq On : 07 Jan 2020 17:44
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Instrument :
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Quant Time: Jan 08 01:33:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	174794	19.431	ug/l	99
94) Hexachlorobutadiene	13.78	225	81912	19.548	ug/l	100
95) Naphthalene	13.83	128	522546	18.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	174313	19.650	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

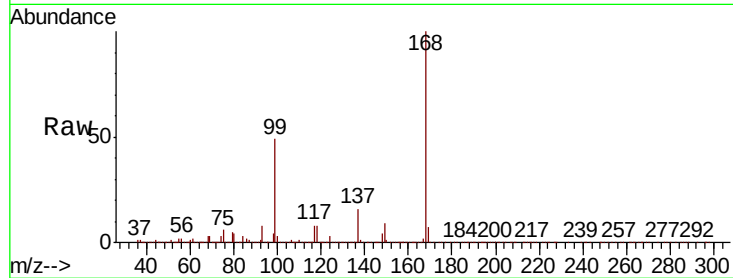
VX0107WBSD01

Tot Ion:168 Resp: 533006

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

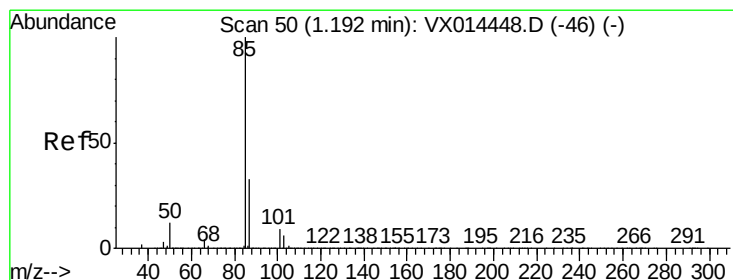
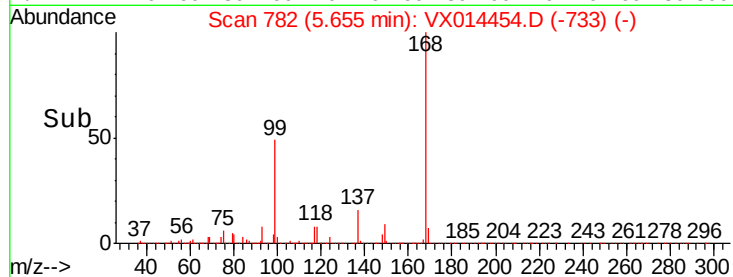
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.082 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014454.D

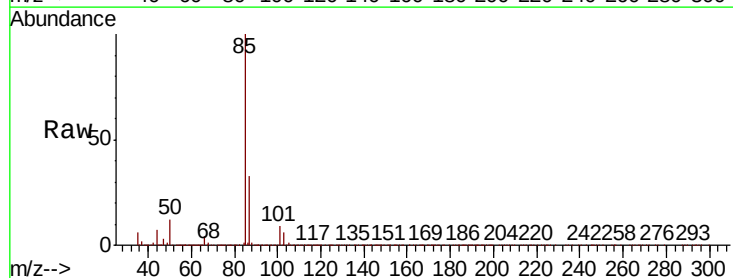
Acq: 07 Jan 2020 17:44

Tgt Ion: 85 Resp: 131887

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

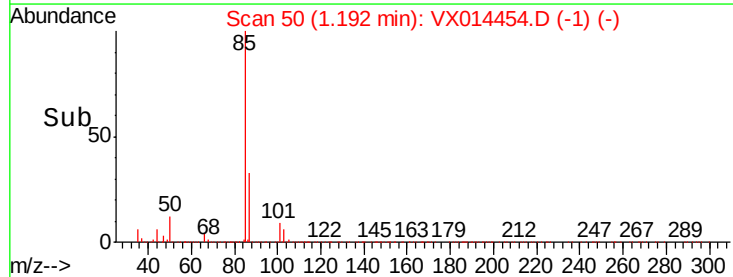
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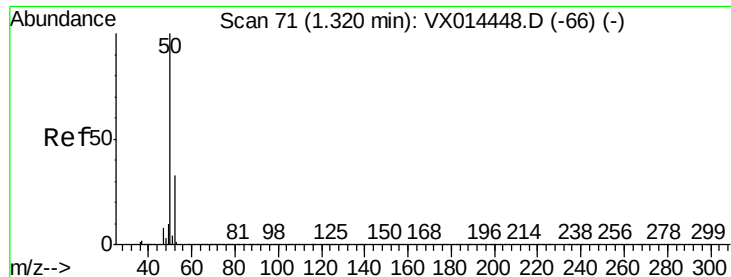
50000

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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.168 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

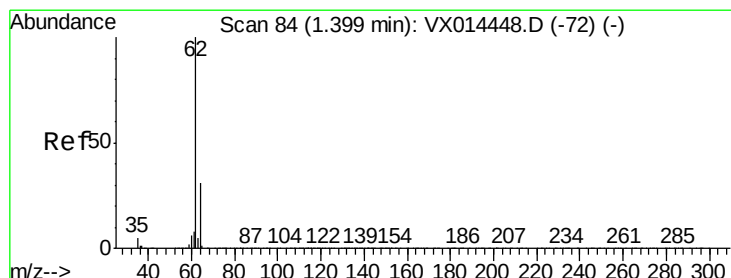
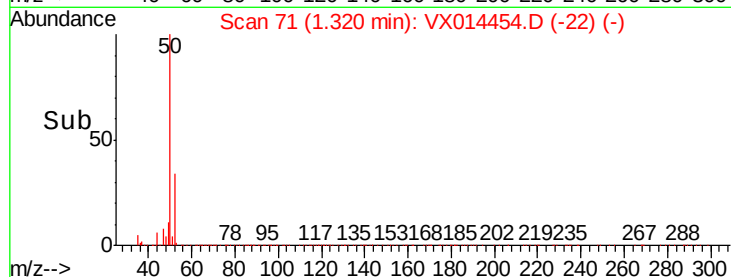
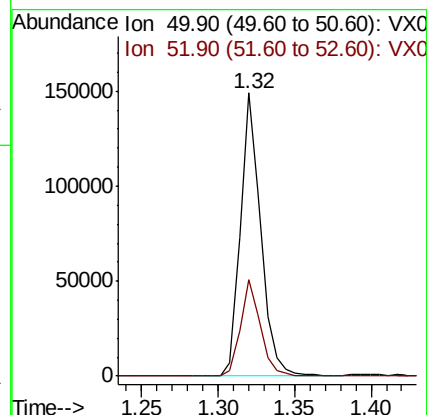
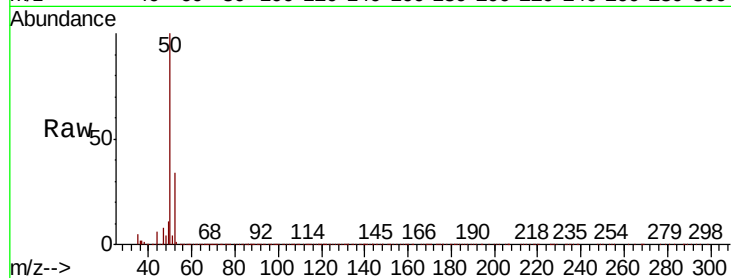
VX0107WBSD01

Tot Ion: 50 Resp: 137028

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



#4

Vinyl Chloride

Concen: 19.985 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014454.D

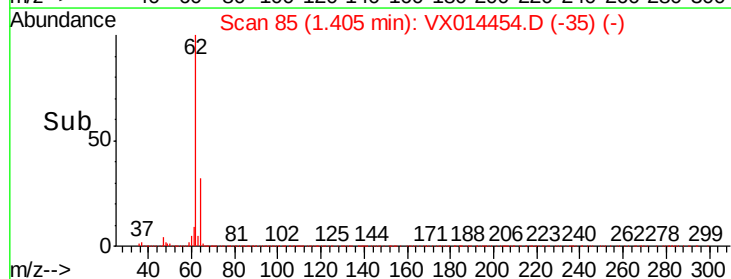
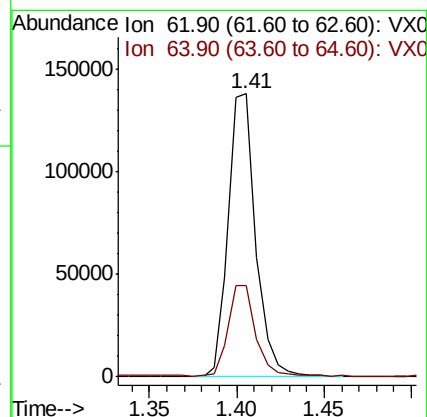
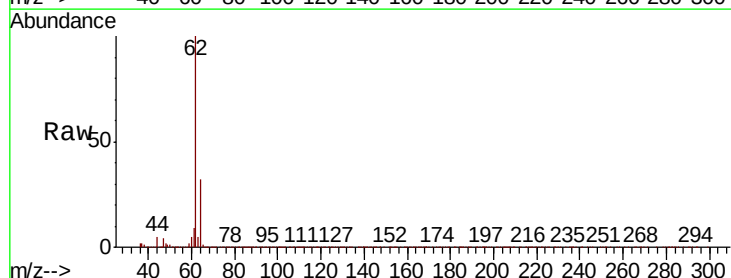
Acq: 07 Jan 2020 17:44

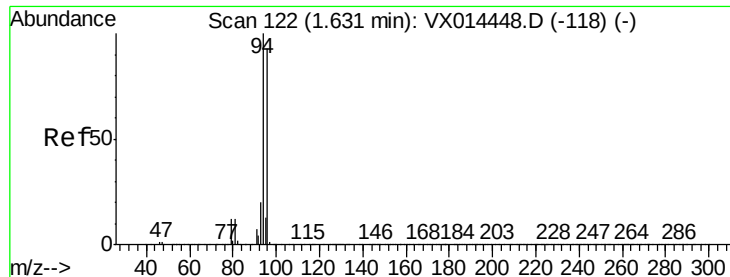
Tgt Ion: 62 Resp: 151307

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0





#5

Bromomethane

Concen: 17.835 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

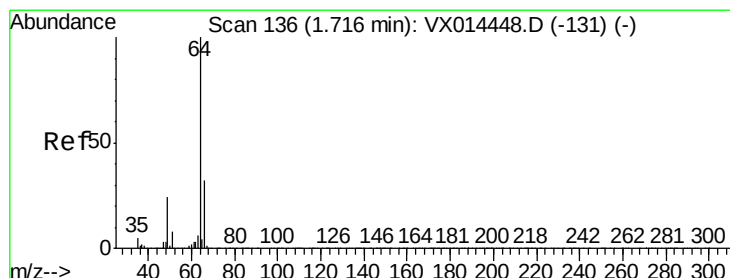
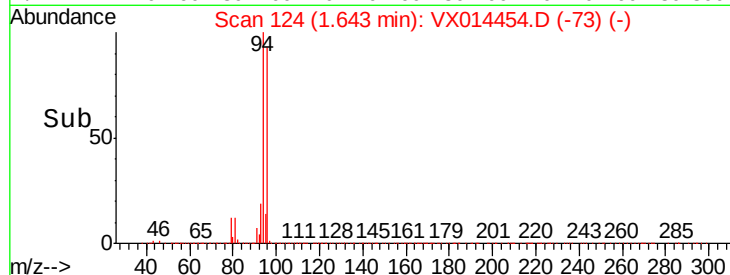
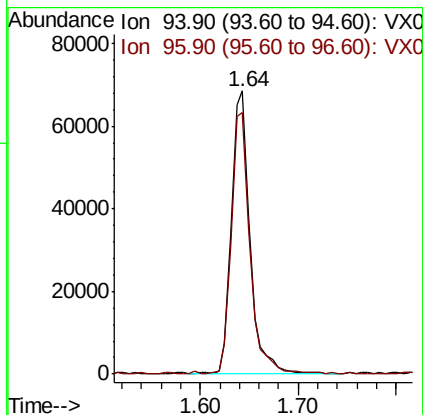
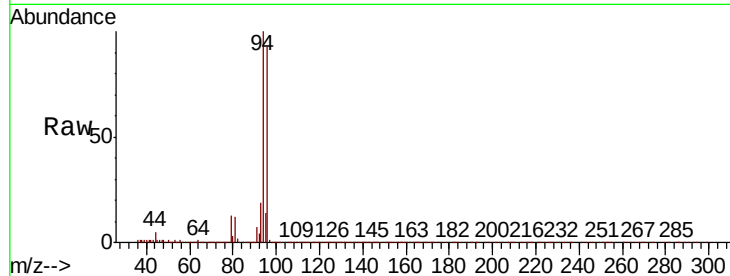
VX0107WBSD01

Tot Ion: 94 Resp: 89506

Ion Ratio Lower Upper

94 100

96 92.6 74.2 111.2



#6

Chloroethane

Concen: 20.169 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014454.D

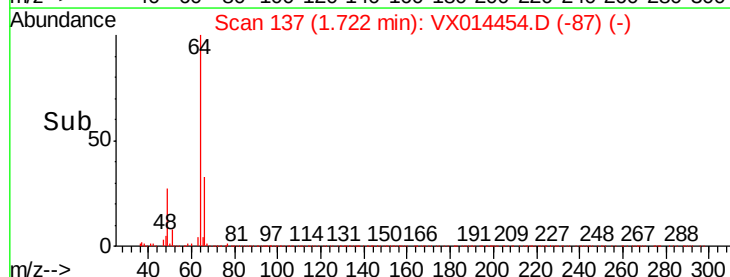
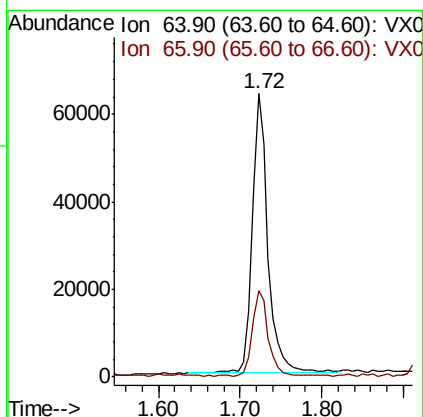
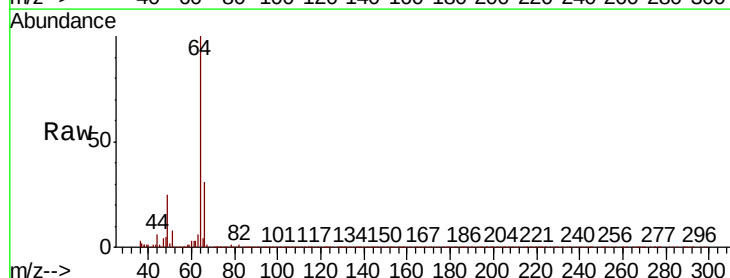
Acq: 07 Jan 2020 17:44

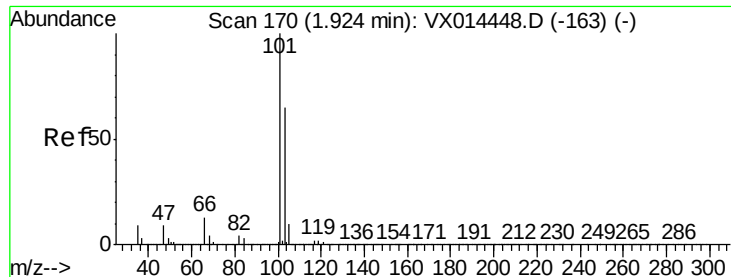
Tgt Ion: 64 Resp: 86379

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9



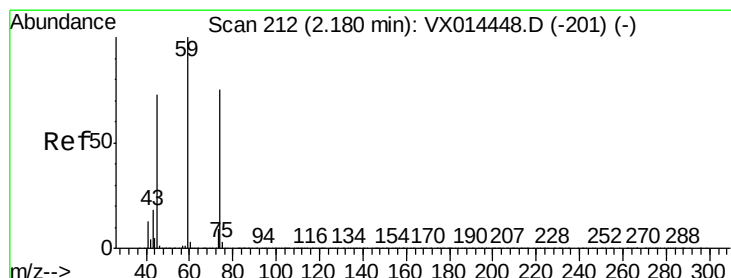
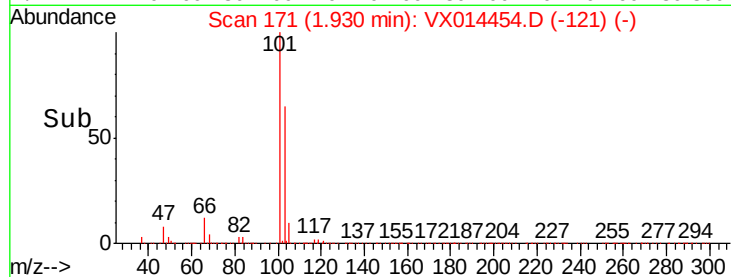
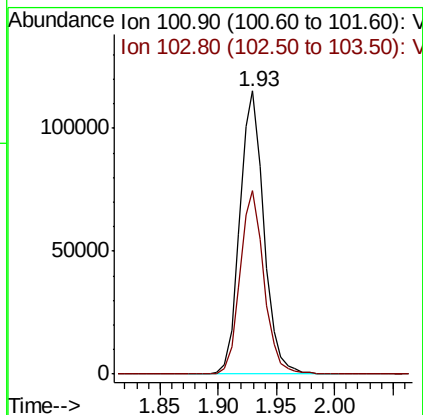
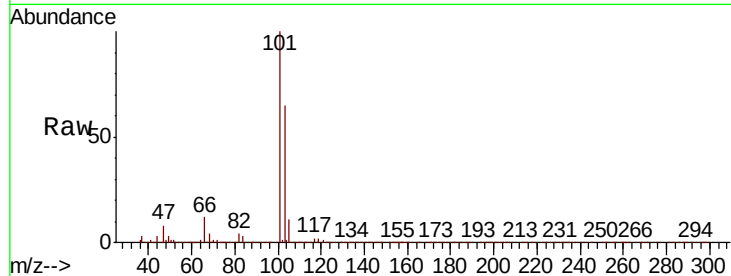


#7

Trichlorofluoromethane
Concen: 19.344 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

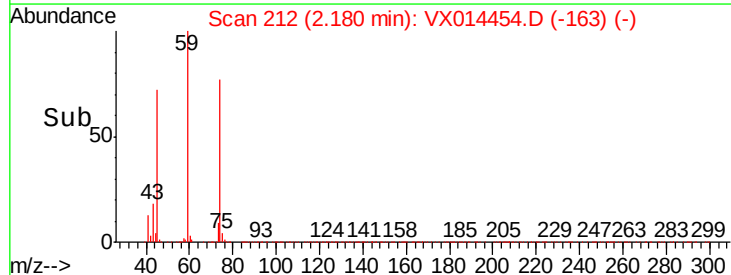
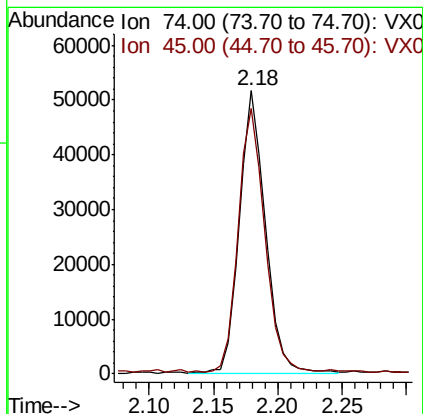
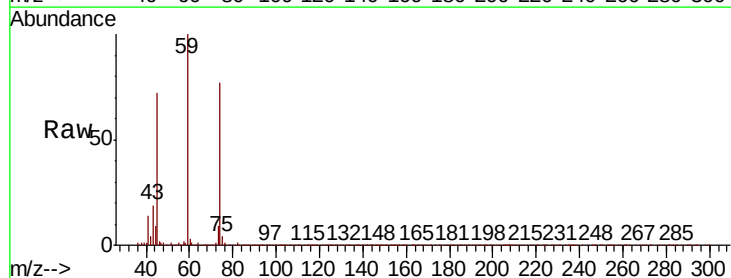
Tot Ion:101 Resp: 166131
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

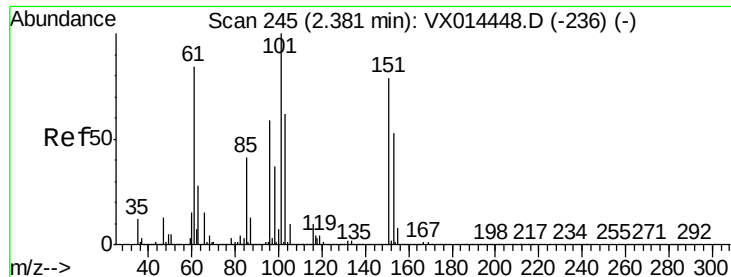


#8

Diethyl Ether
Concen: 18.342 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 74 Resp: 71867
Ion Ratio Lower Upper
74 100
45 94.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.545 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

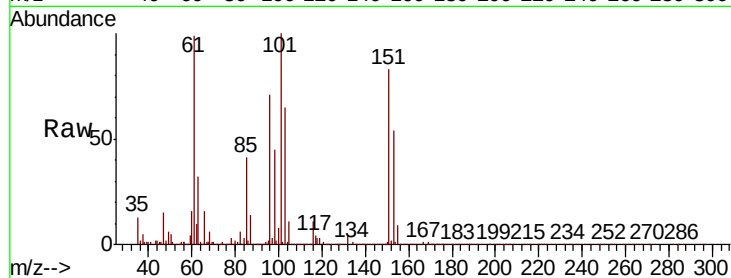
Tot Ion:101 Resp: 96897

Ion Ratio Lower Upper

101 100

85 41.8 33.8 50.8

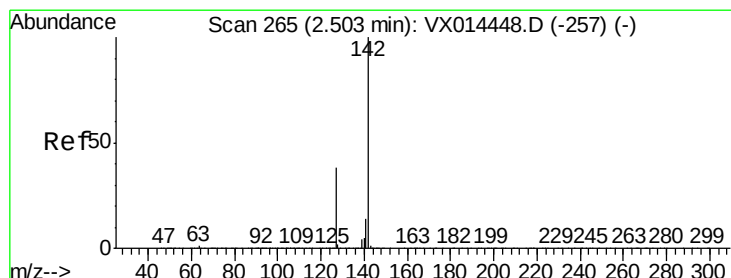
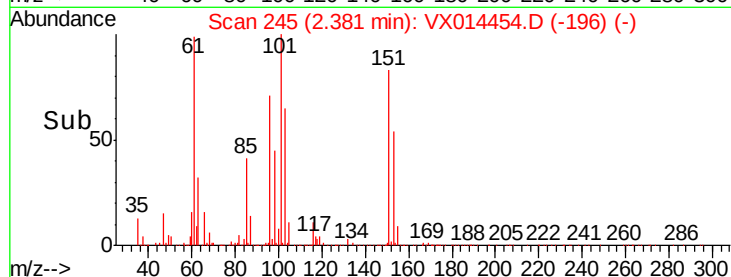
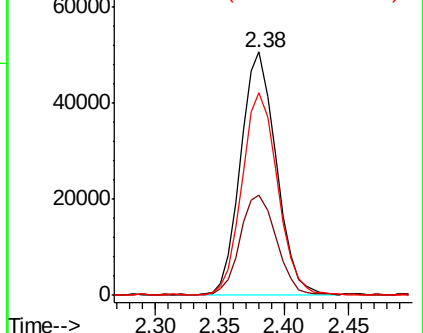
151 83.5 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.185 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

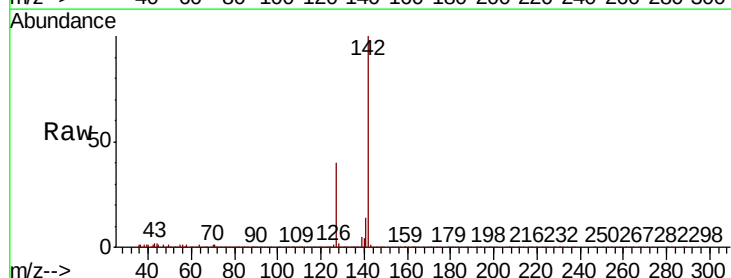
Tgt Ion:142 Resp: 95006

Ion Ratio Lower Upper

142 100

127 39.2 31.2 46.8

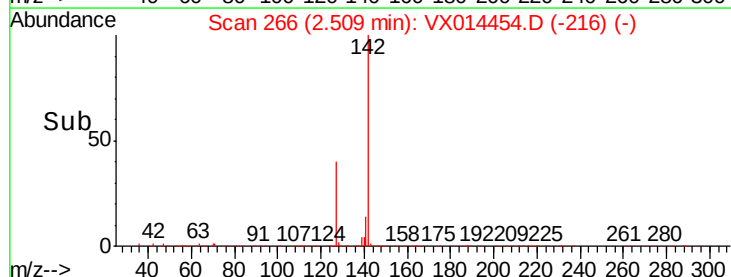
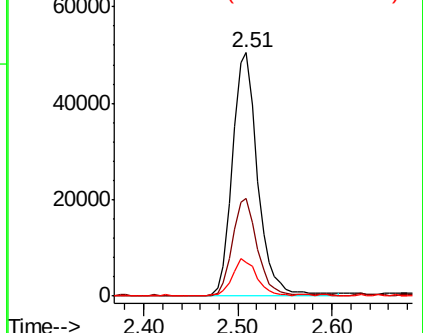
141 14.8 11.4 17.2

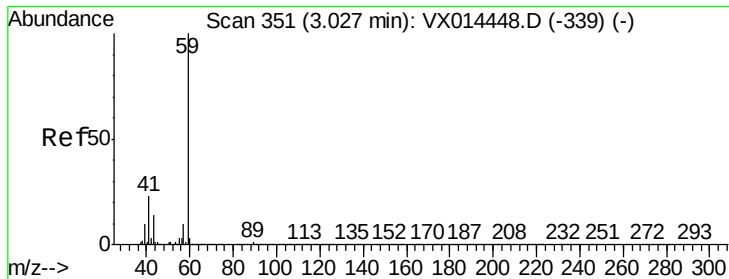


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



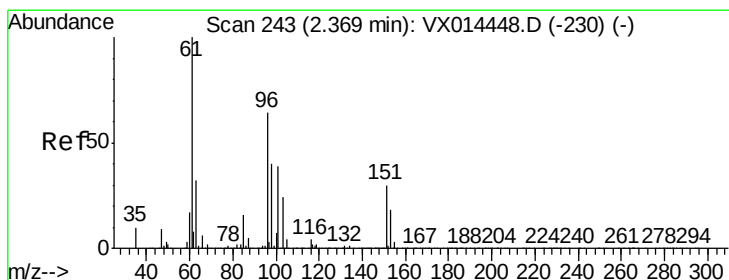
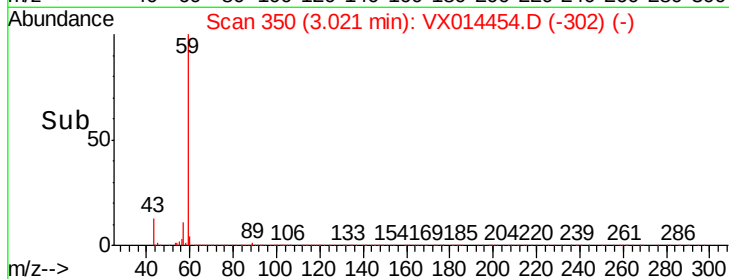
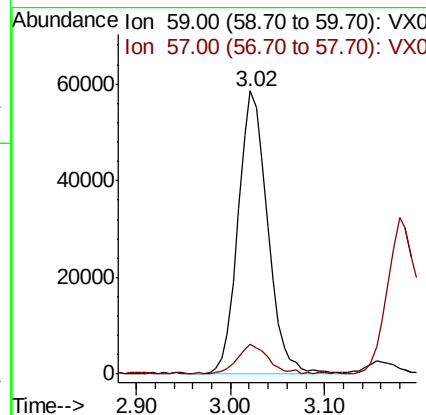
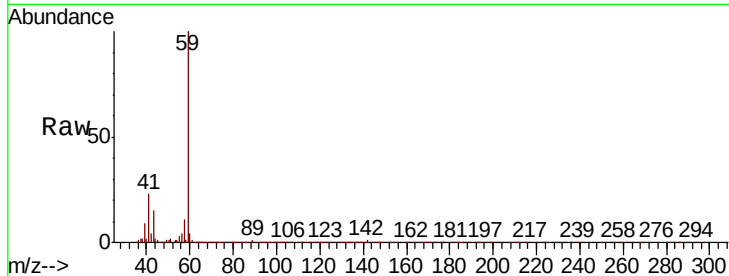


#11

Tert butyl alcohol
 Concen: 102.230 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

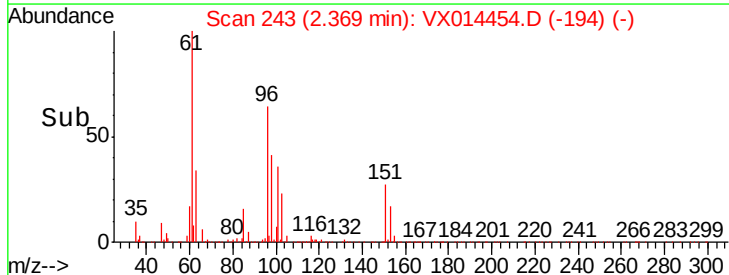
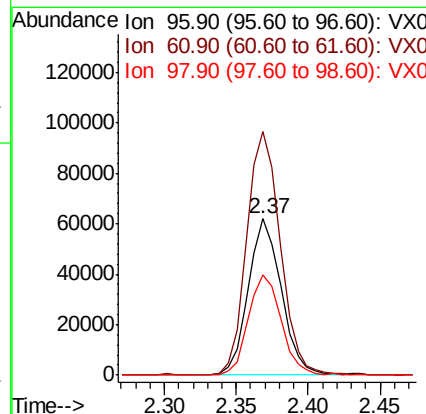
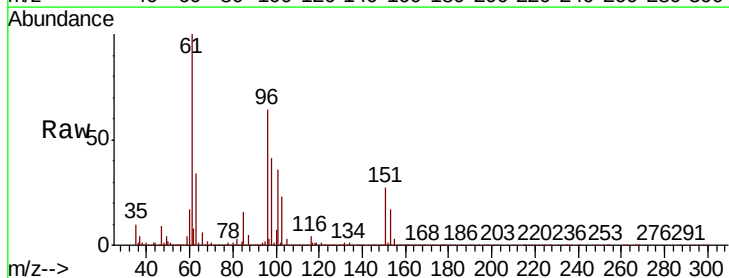
Tot Ion: 59 Resp: 127009
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

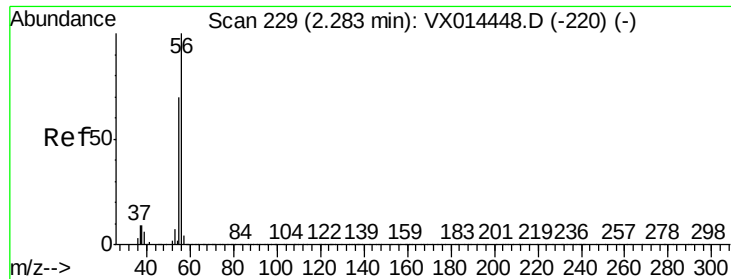


#12

1,1-Dichloroethene
 Concen: 18.525 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion: 96 Resp: 97518
 Ion Ratio Lower Upper
 96 100
 61 155.9 125.0 187.6
 98 63.9 50.2 75.2

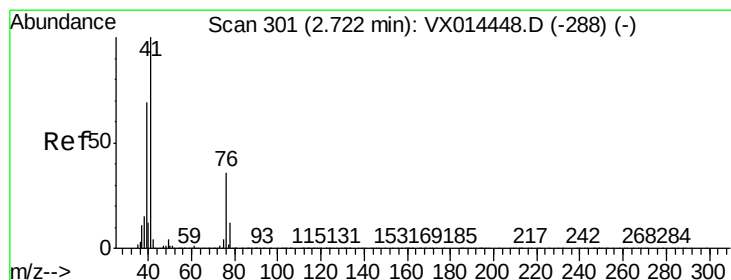
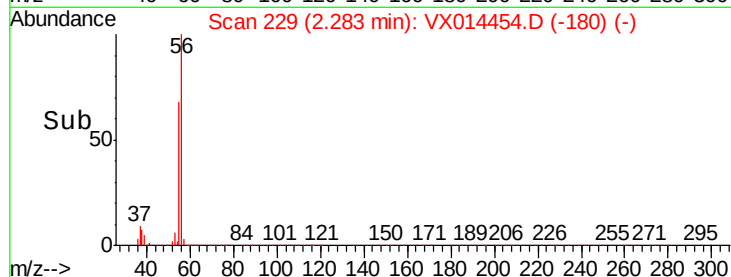
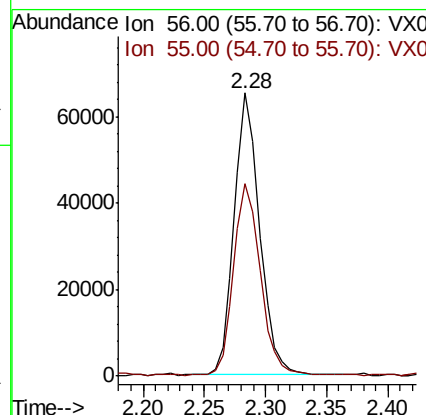
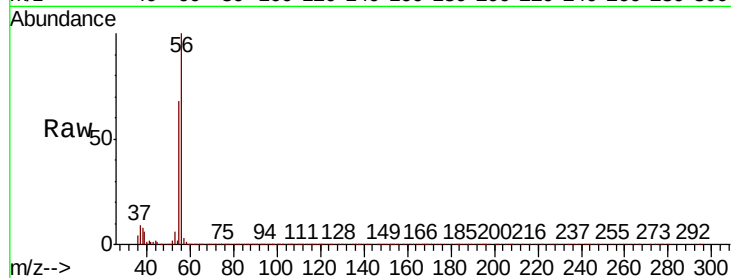




#13
Acrolein
Concen: 93.980 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

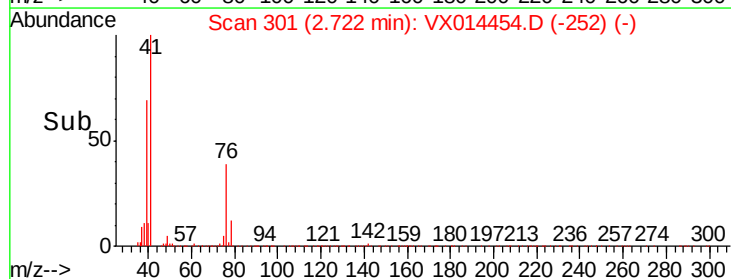
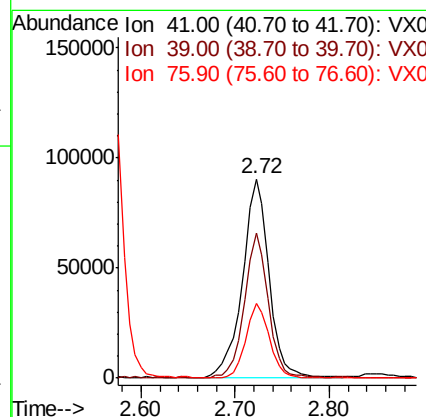
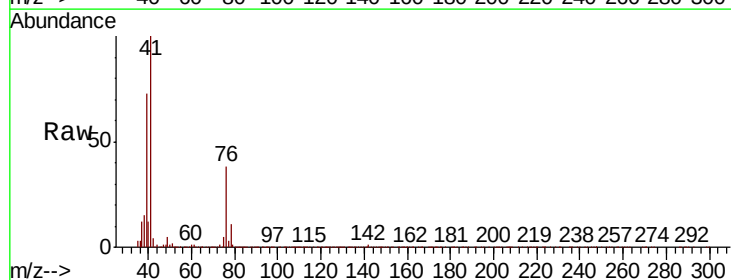
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

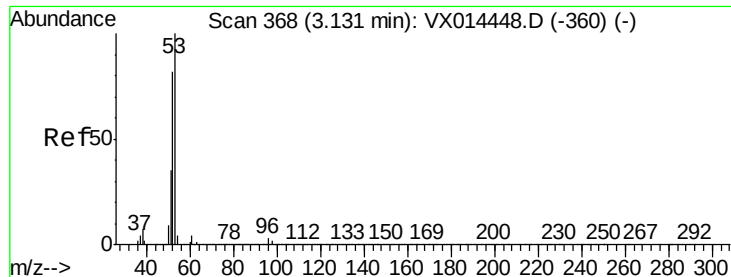
Tot Ion: 56 Resp: 93585
Ion Ratio Lower Upper
56 100
55 71.7 55.0 82.6



#14
Allyl chloride
Concen: 18.942 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 41 Resp: 175069
Ion Ratio Lower Upper
41 100
39 65.2 51.7 77.5
76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 96.342 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

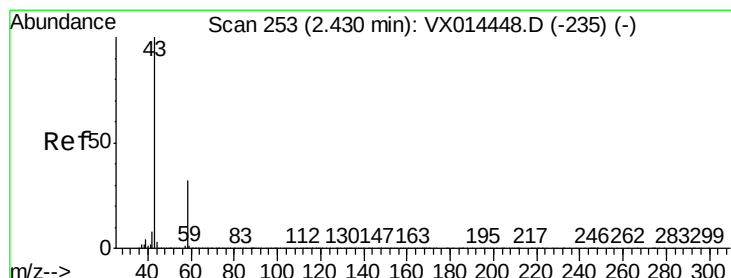
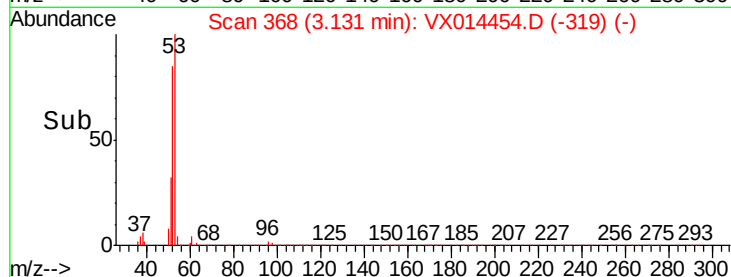
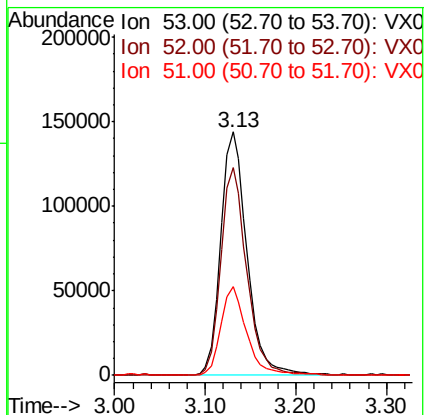
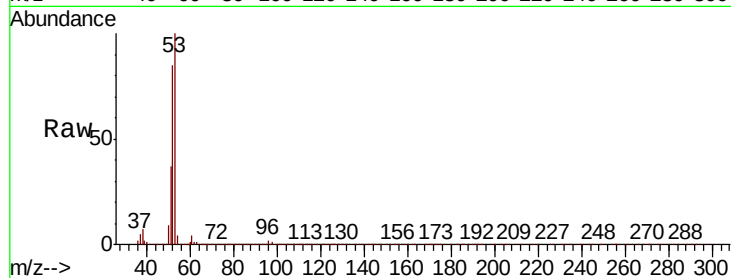
Tot Ion: 53 Resp: 288883

Ion Ratio Lower Upper

53 100

52 85.4 67.0 100.4

51 36.1 28.5 42.7



#16

Acetone

Concen: 98.770 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014454.D

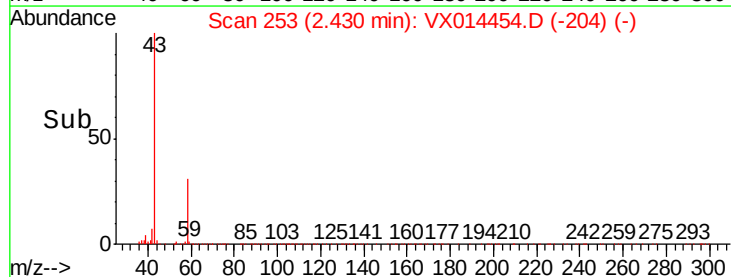
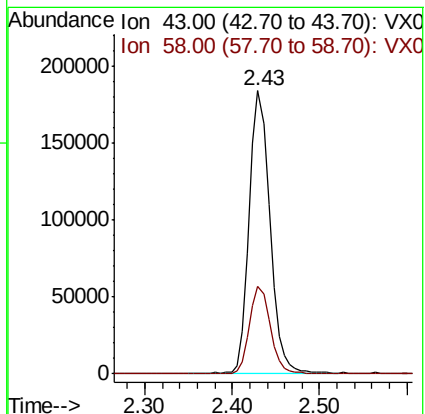
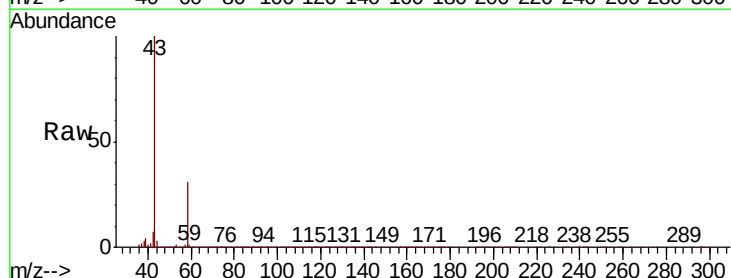
Acq: 07 Jan 2020 17:44

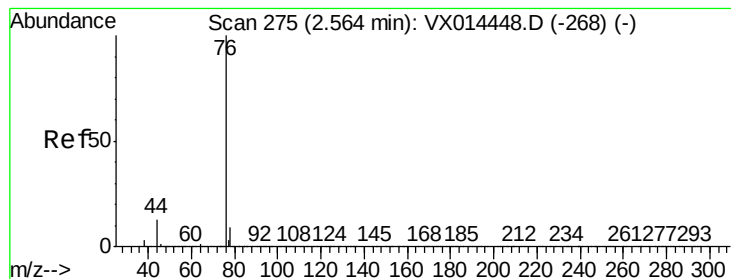
Tgt Ion: 43 Resp: 302212

Ion Ratio Lower Upper

43 100

58 31.0 25.4 38.0





#17

Carbon Disulfide

Concen: 18.645 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

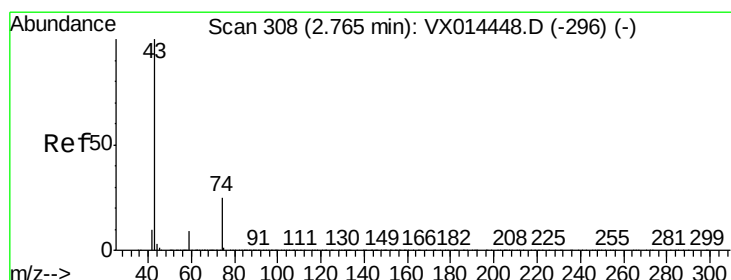
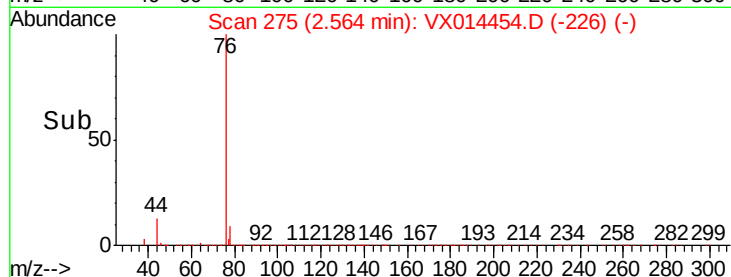
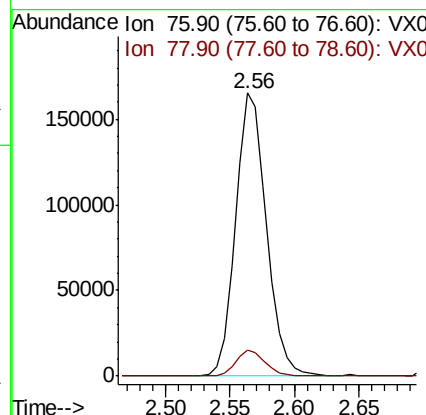
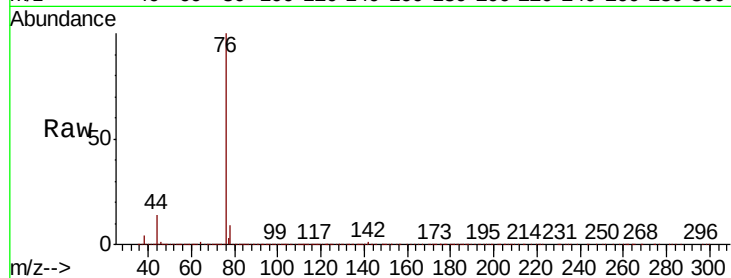
VX0107WBSD01

Tot Ion: 76 Resp: 273875

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 20.461 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014454.D

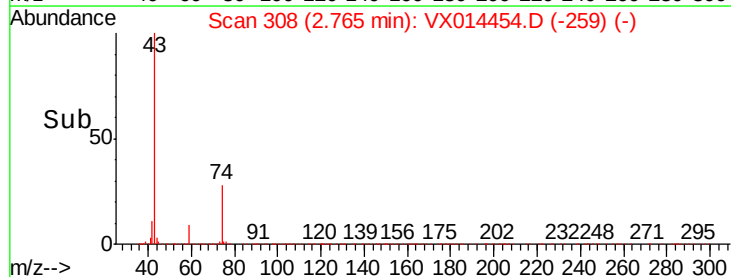
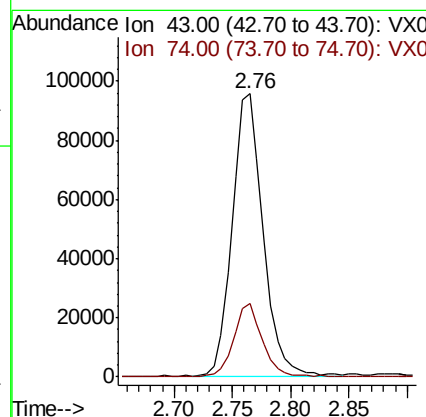
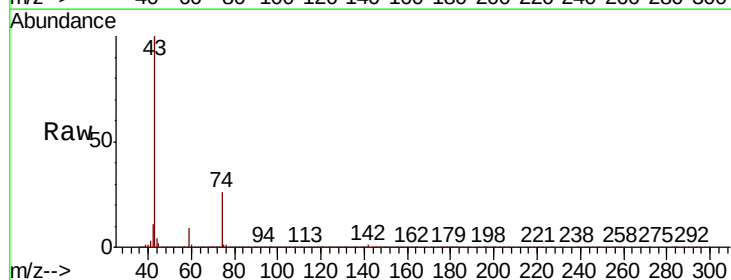
Acq: 07 Jan 2020 17:44

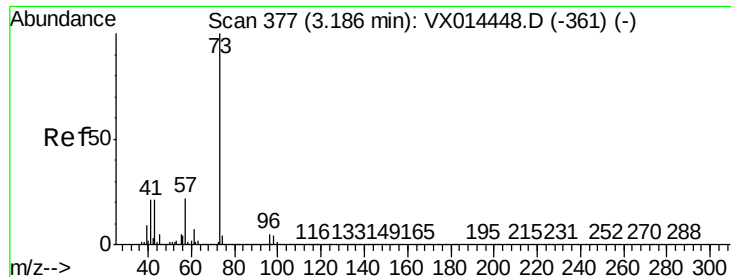
Tgt Ion: 43 Resp: 174984

Ion Ratio Lower Upper

43 100

74 25.2 19.4 29.2

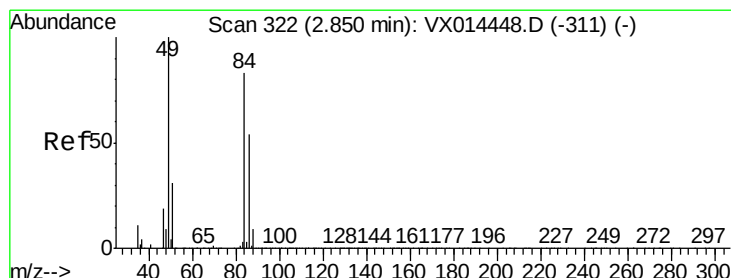
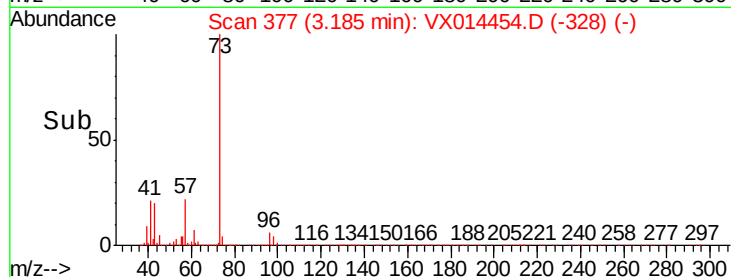
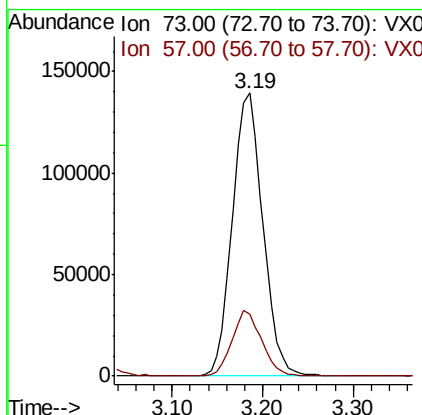
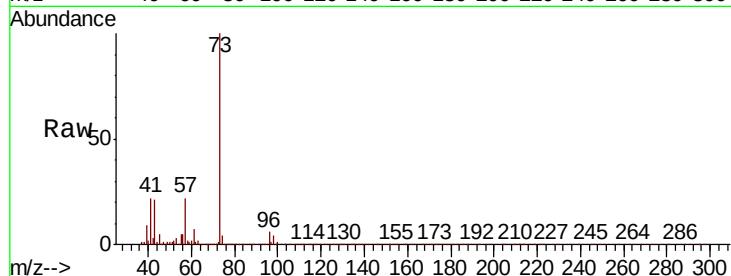




#19
Methyl tert-butyl Ether
Concen: 19.285 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

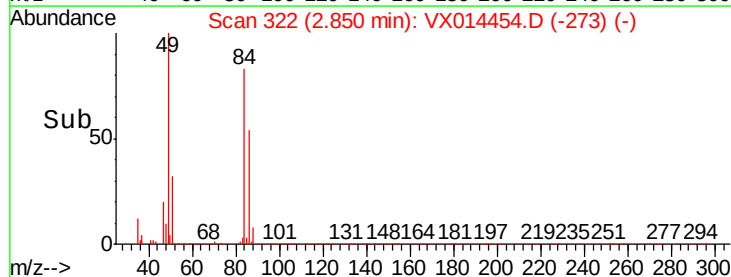
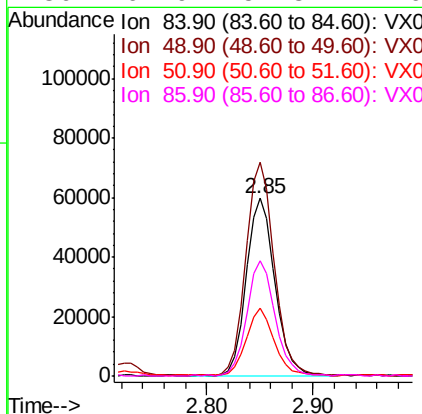
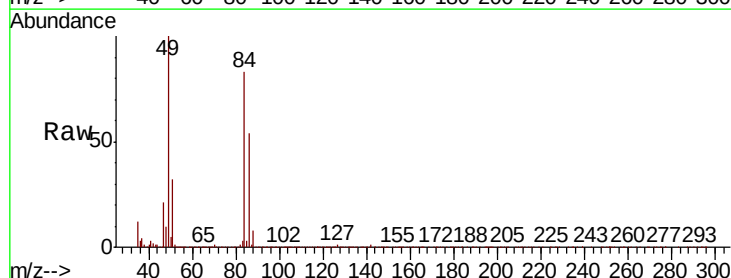
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

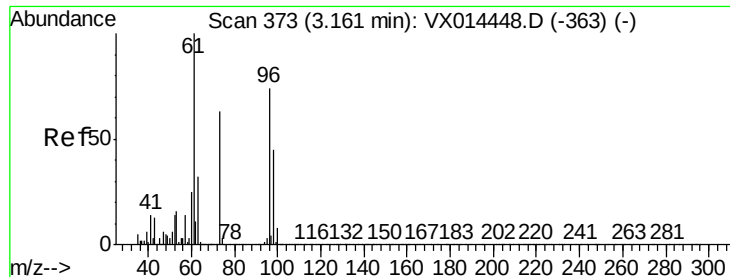
Tot Ion: 73 Resp: 325888
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 18.785 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 84 Resp: 112444
Ion Ratio Lower Upper
84 100
49 120.3 95.8 143.8
51 38.2 30.2 45.4
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

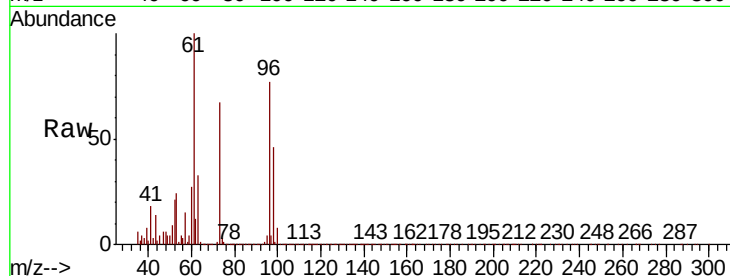
Tot Ion: 96 Resp: 107775

Ion Ratio Lower Upper

96 100

61 129.4 108.2 162.4

98 59.3 48.8 73.2

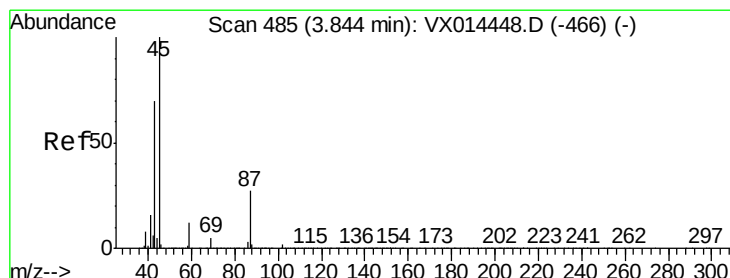
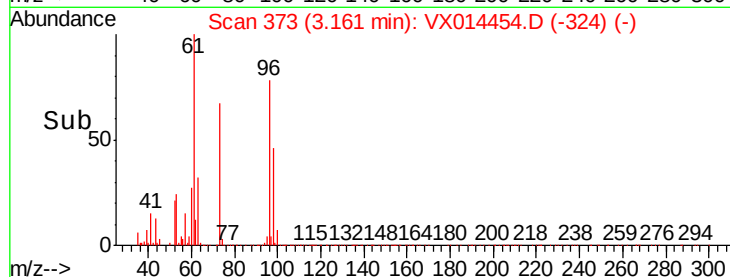
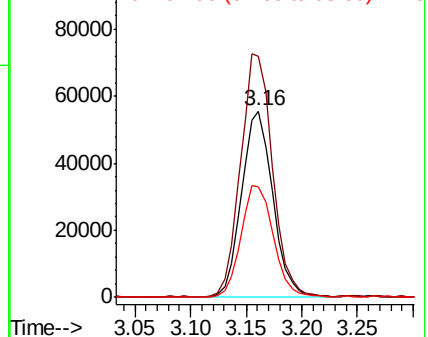


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.477 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion: 45 Resp: 347884

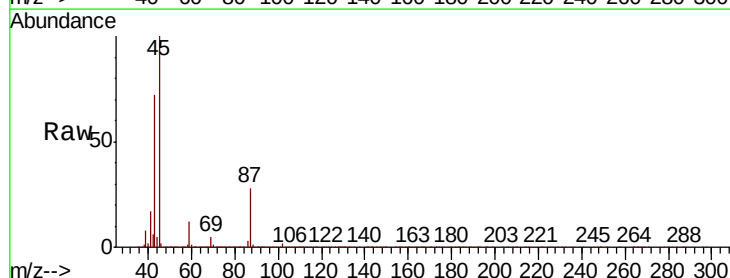
Ion Ratio Lower Upper

45 100

43 71.3 55.8 83.6

87 27.5 21.8 32.8

59 12.1 9.1 13.7



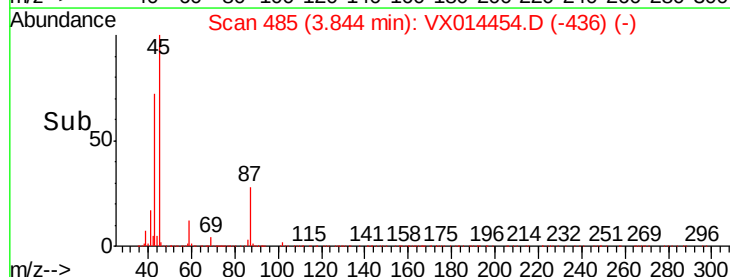
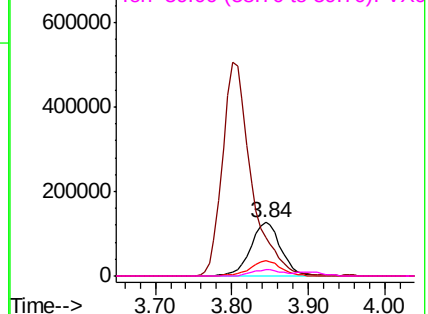
Abundance

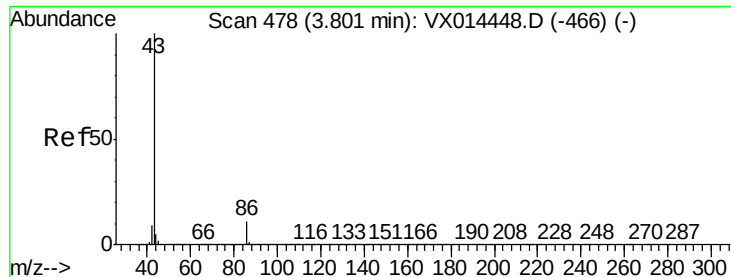
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.801 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

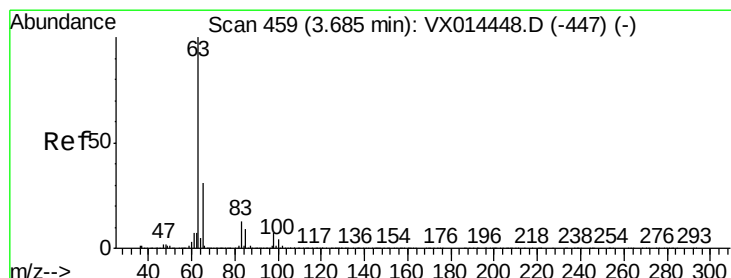
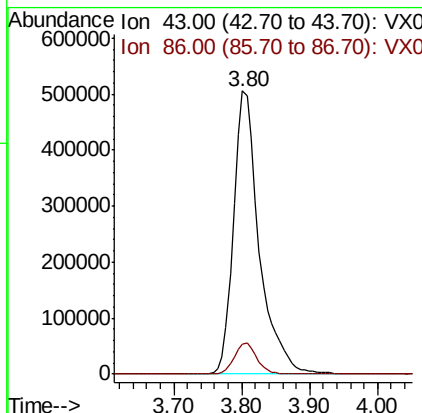
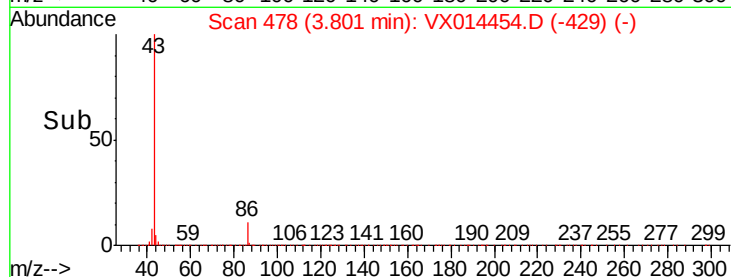
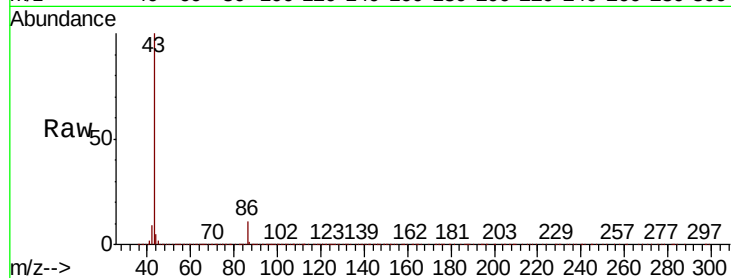
VX0107WBSD01

Tot Ion: 43 Resp: 1324765

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.387 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

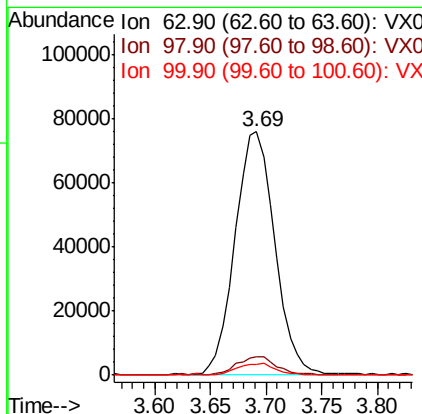
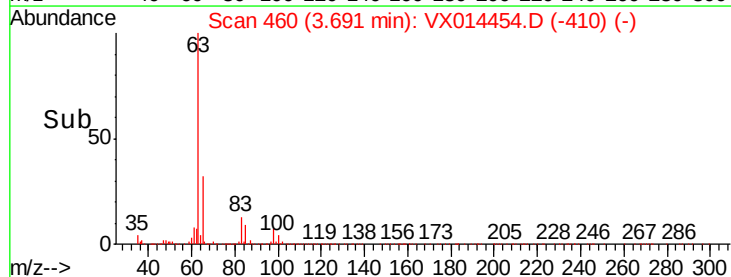
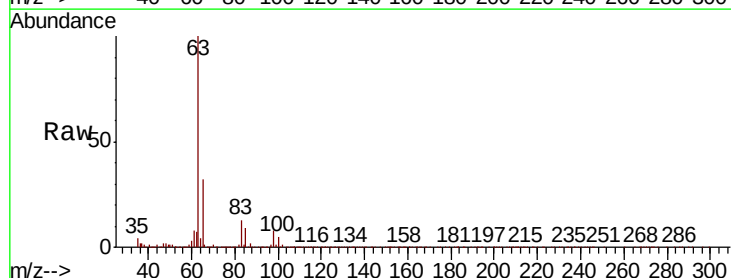
Tgt Ion: 63 Resp: 188369

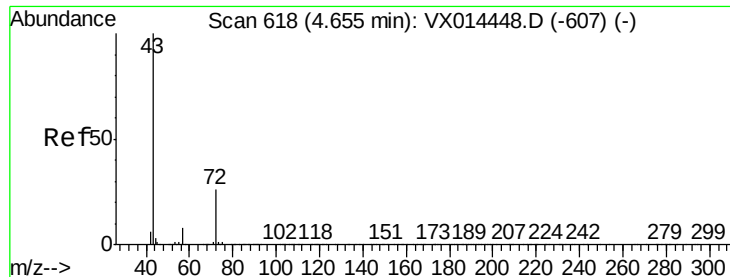
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 98.118 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

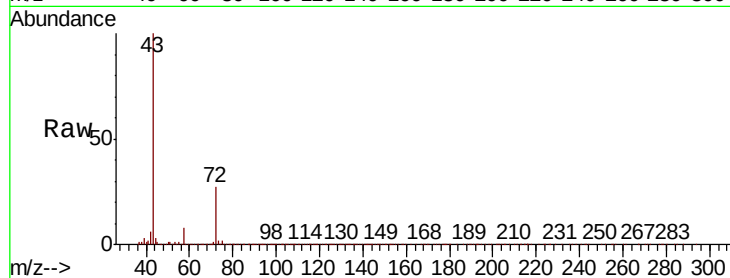
VX0107WBSD01

Tot Ion: 43 Resp: 436096

Ion Ratio Lower Upper

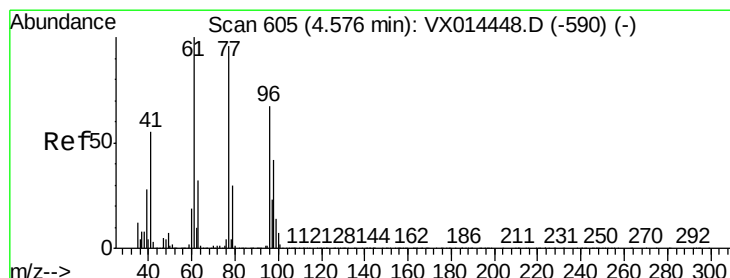
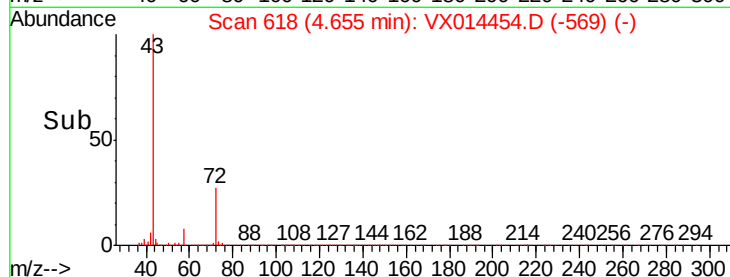
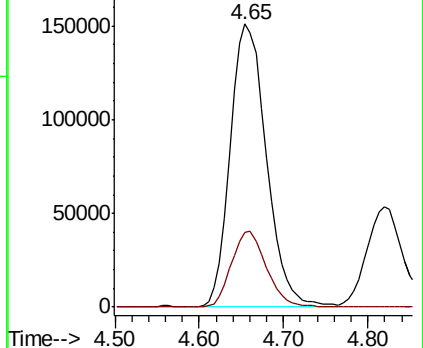
43 100

72 26.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.786 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014454.D

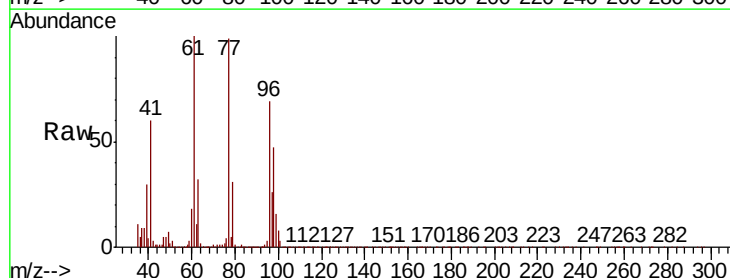
Acq: 07 Jan 2020 17:44

Tgt Ion: 77 Resp: 154626

Ion Ratio Lower Upper

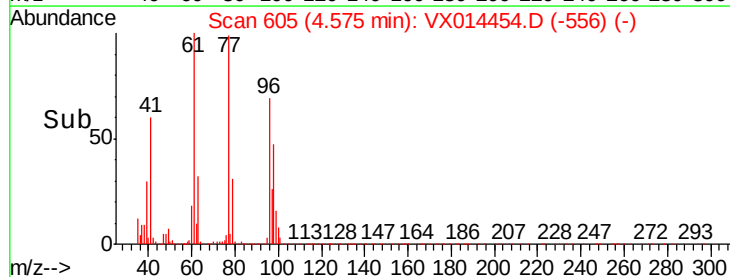
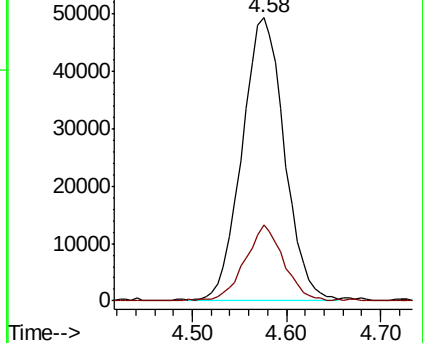
77 100

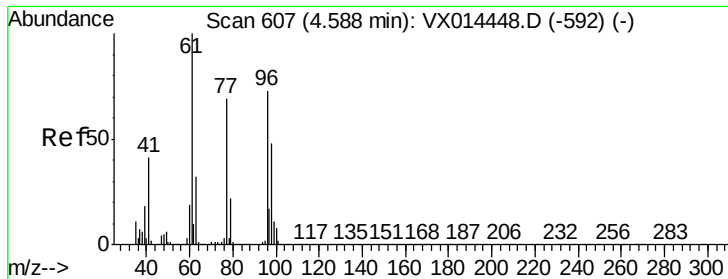
97 24.2 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



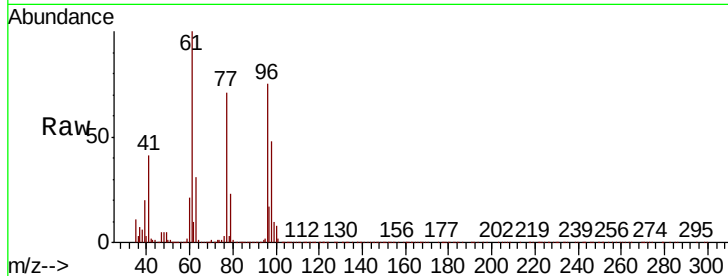


#27

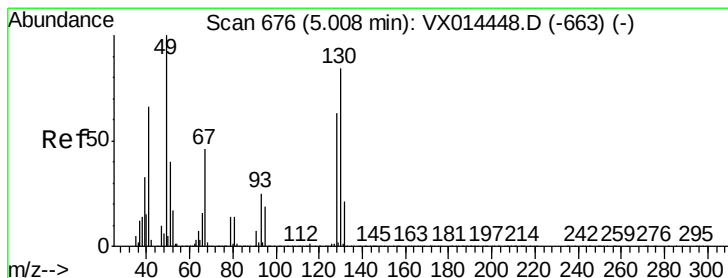
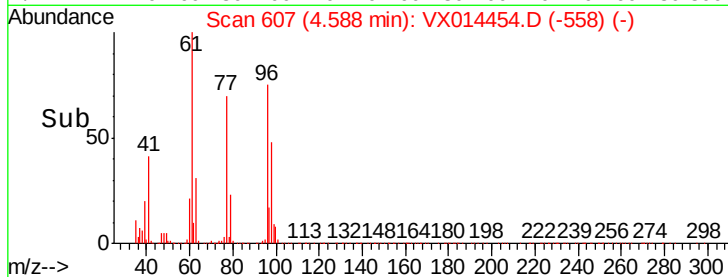
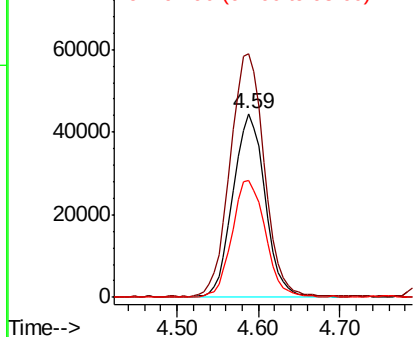
cis-1,2-Dichloroethene
Concen: 18.761 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	285.4
98	66.5	0.0	130.6



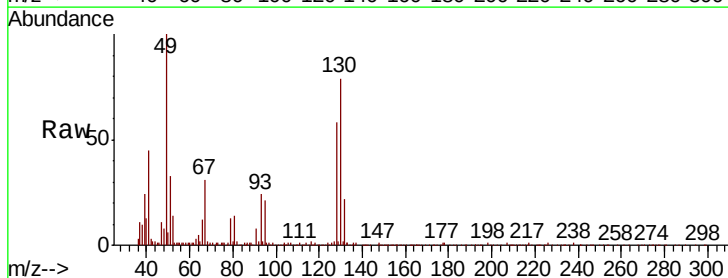
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



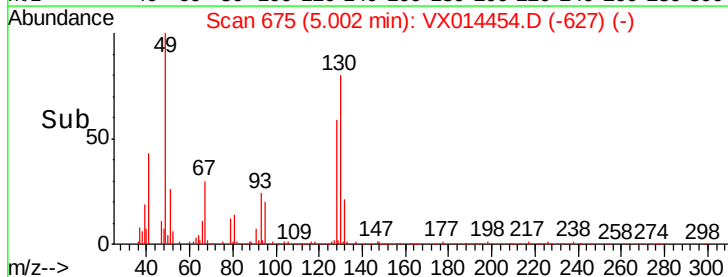
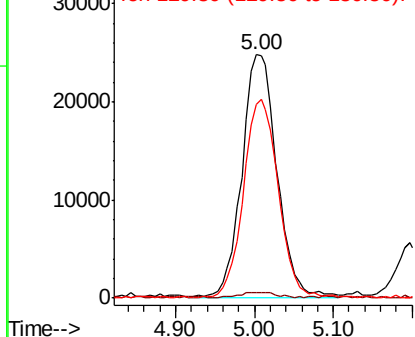
#28

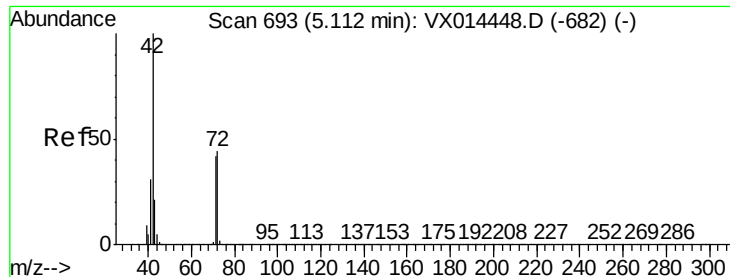
Bromochloromethane
Concen: 18.872 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	79.6	67.0	100.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.219 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

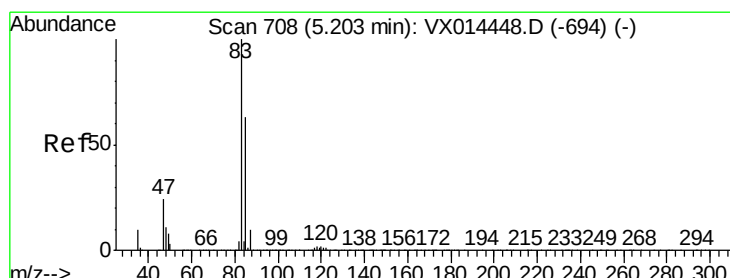
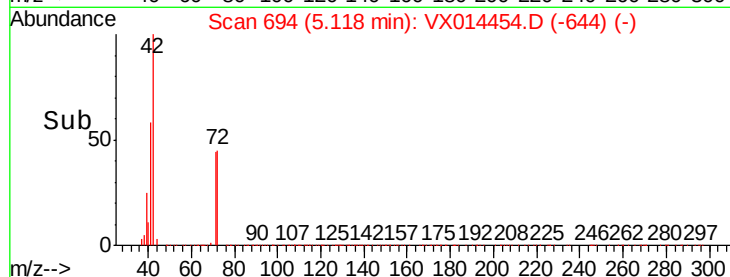
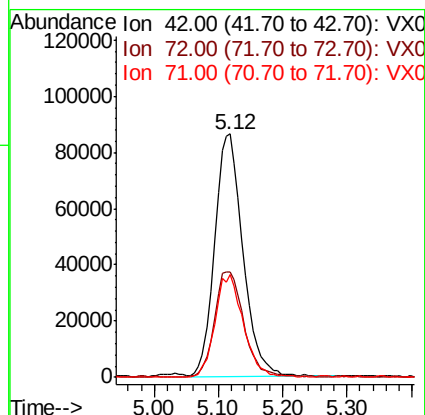
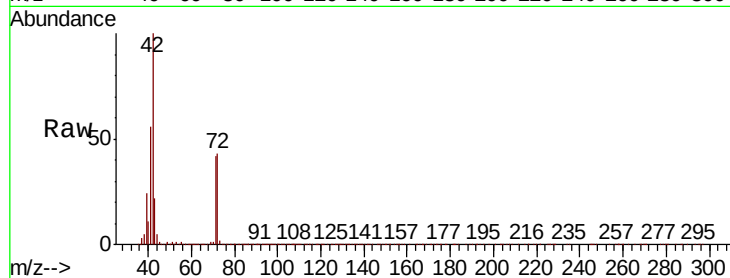
Tot Ion: 42 Resp: 265986

Ion Ratio Lower Upper

42 100

72 44.8 36.2 54.4

71 42.1 34.1 51.1



#30

Chloroform

Concen: 19.268 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014454.D

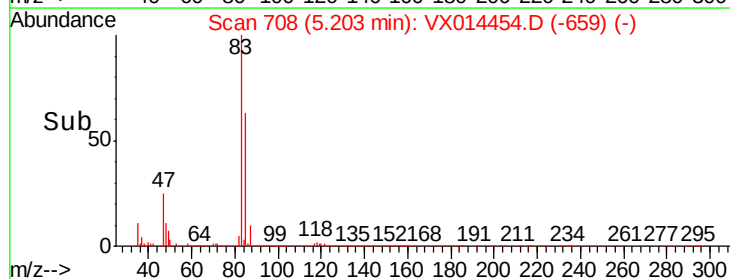
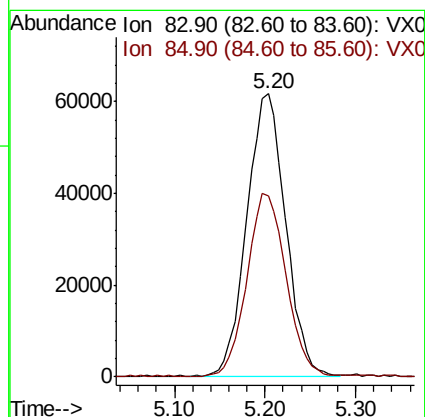
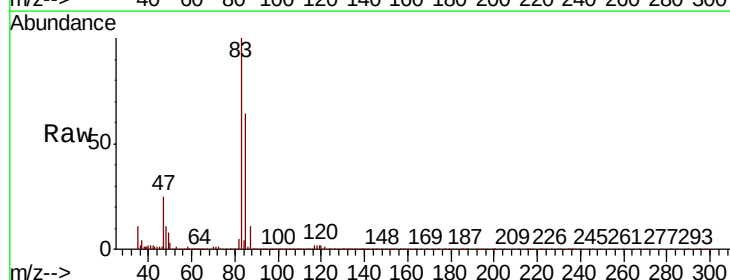
Acq: 07 Jan 2020 17:44

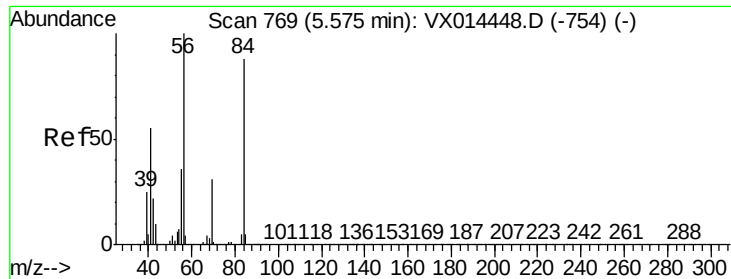
Tgt Ion: 83 Resp: 182941

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

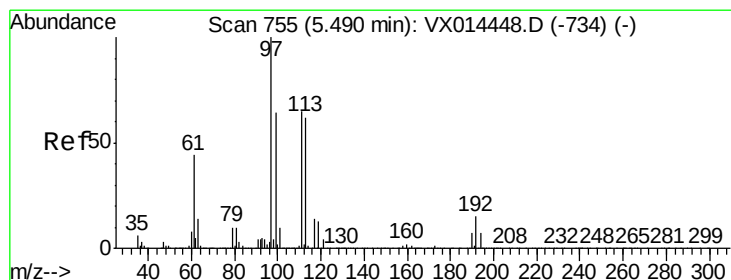
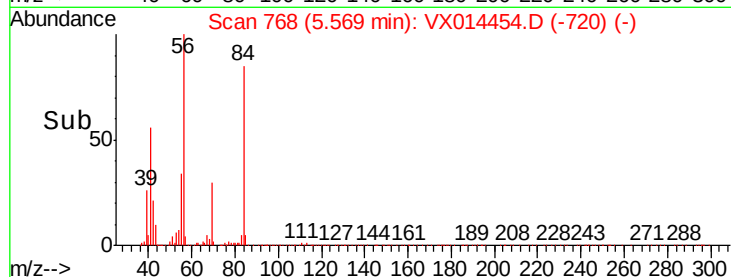
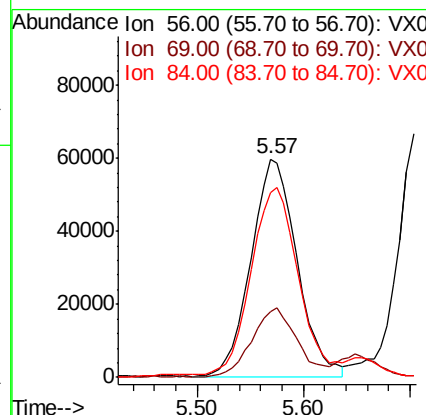
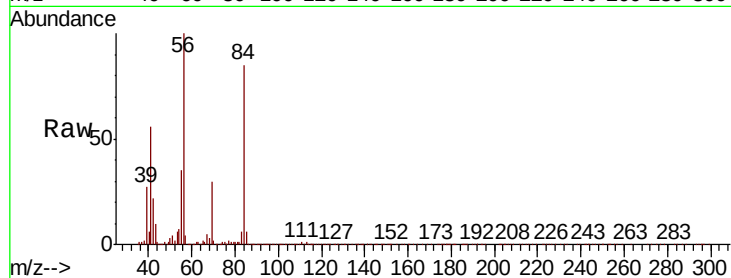




#31
Cyclohexane
Concen: 19.825 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

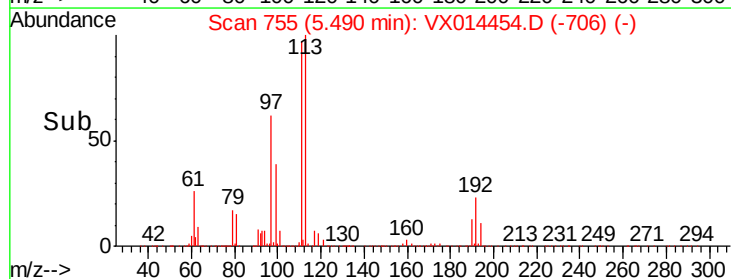
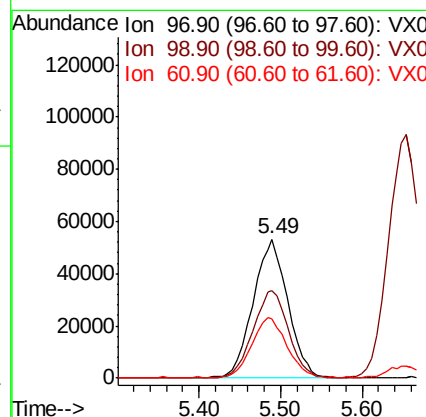
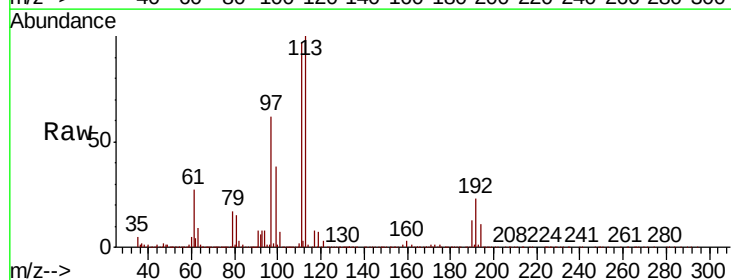
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

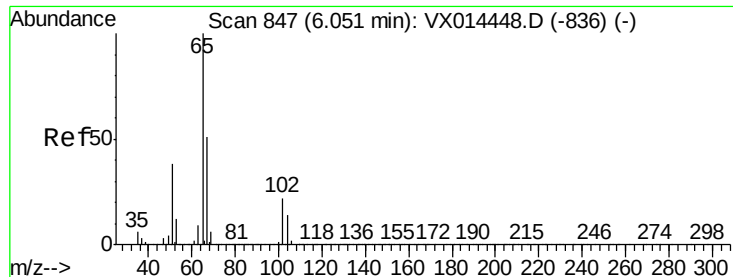
Tot Ion: 56 Resp: 180300
Ion Ratio Lower Upper
56 100
69 29.6 24.4 36.6
84 83.2 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.470 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 97 Resp: 158236
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 42.7 35.9 53.9

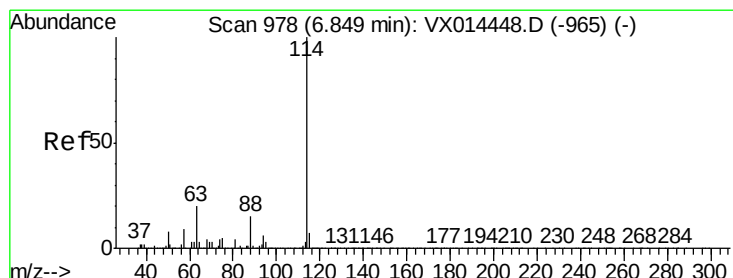
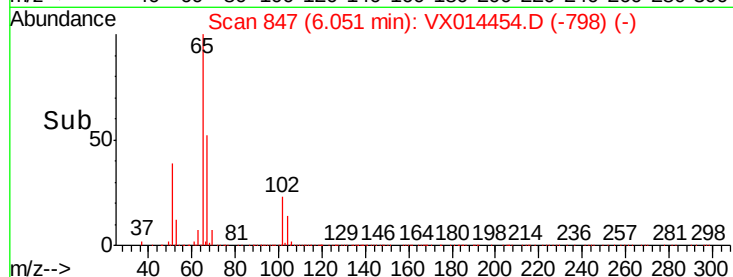
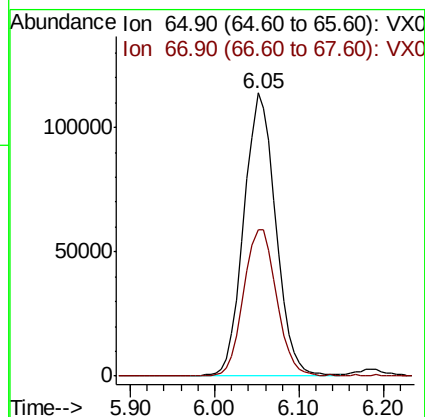
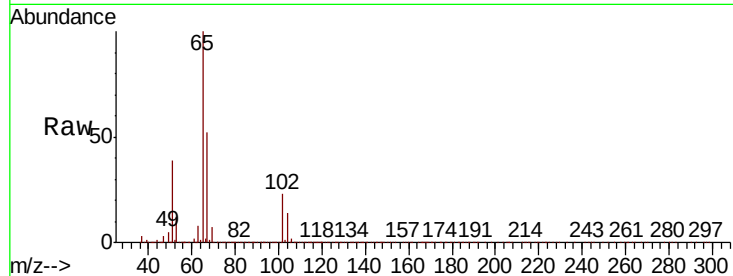




#33
 1,2-Dichloroethane-d4
 Concen: 48.801 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

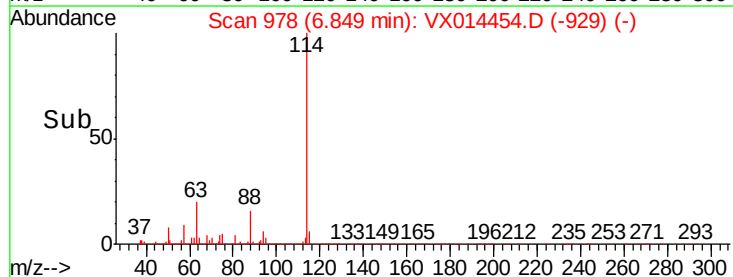
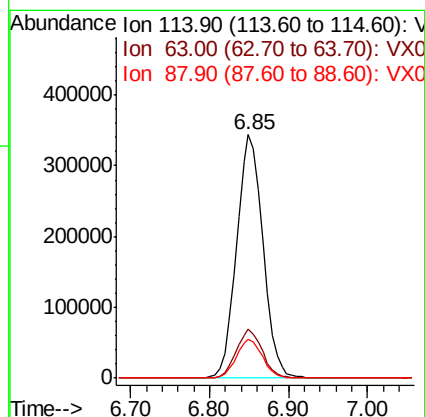
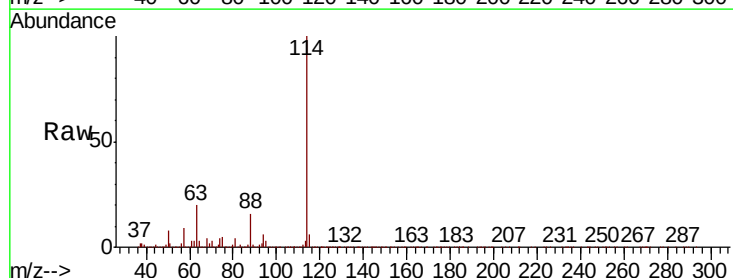
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

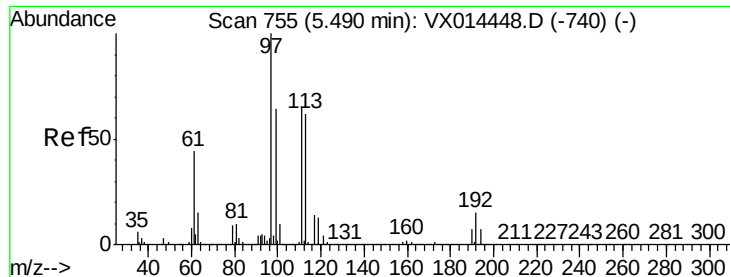
Tot Ion: 65 Resp: 290373
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion: 114 Resp: 797173
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 15.7 0.0 30.8

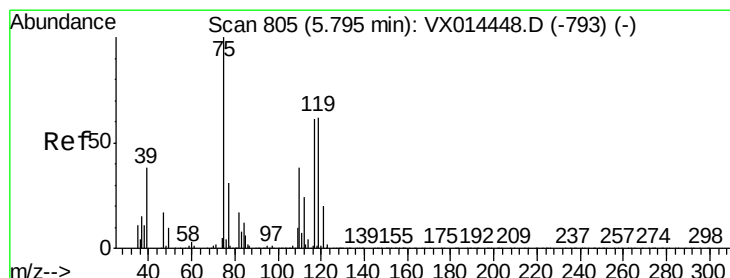
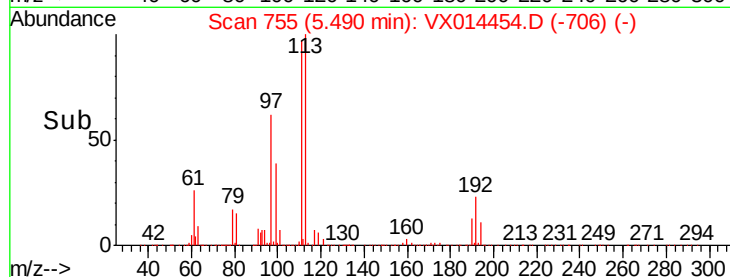
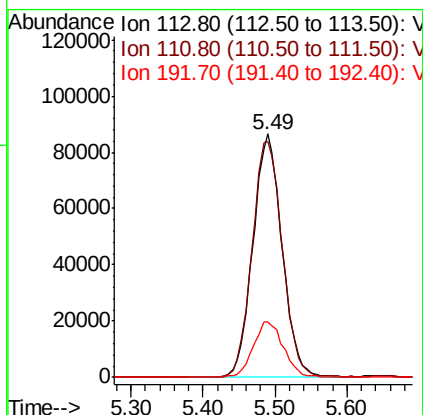
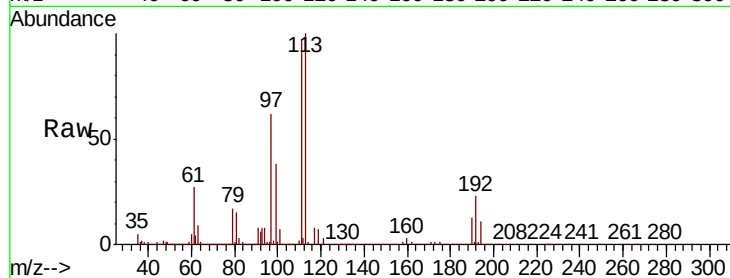




#35
Dibromofluoromethane
Concen: 50.307 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

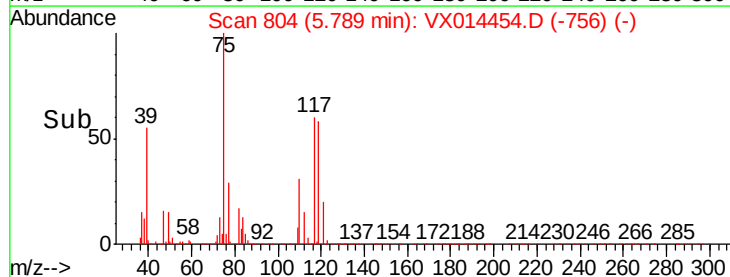
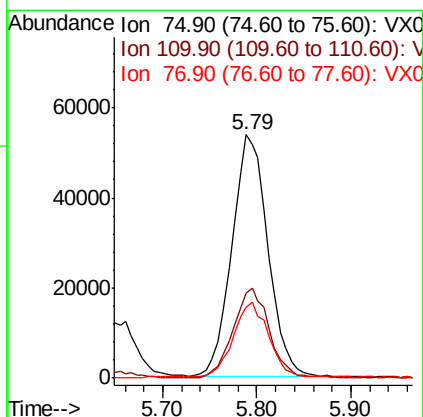
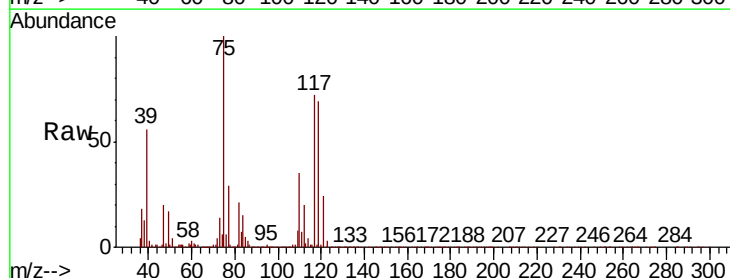
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

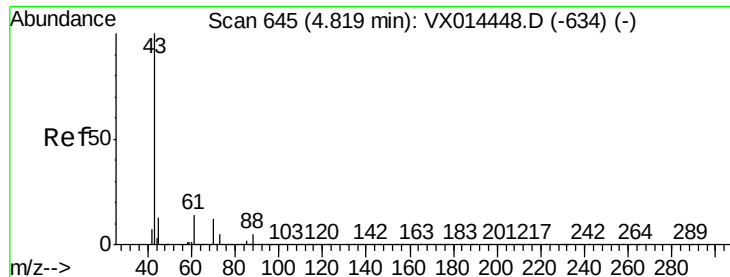
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	23.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 19.118 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.8
77	30.1	24.5	36.7

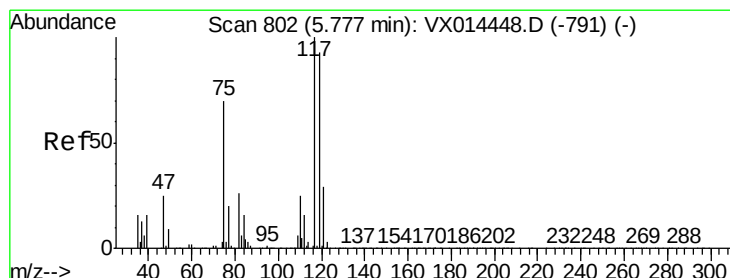
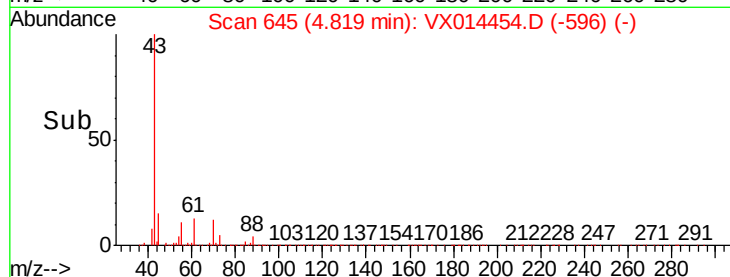
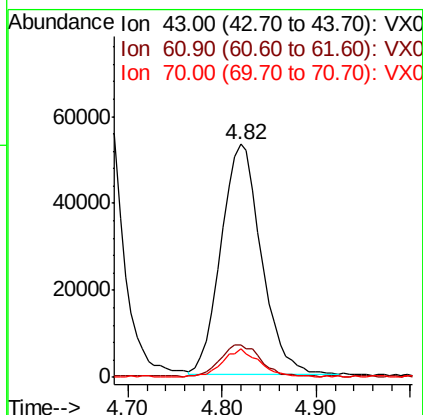
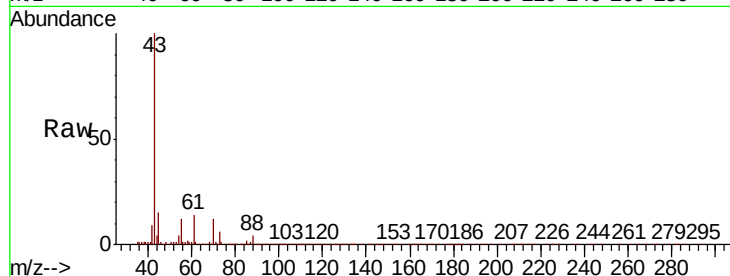




#37
Ethyl Acetate
Concen: 19.266 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

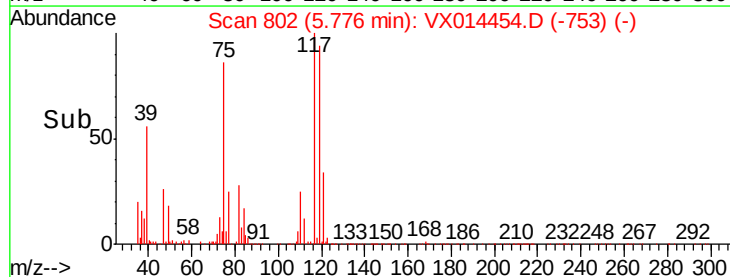
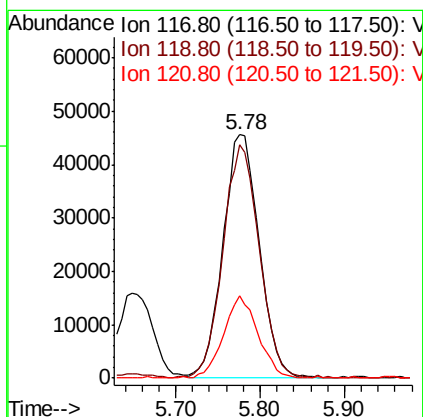
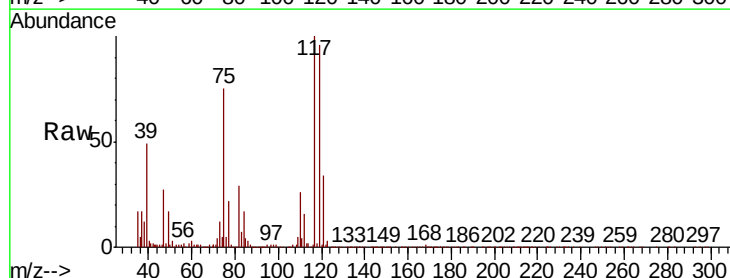
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

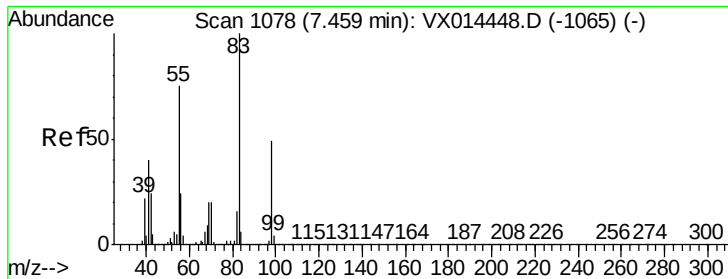
Tot Ion: 43 Resp: 156886
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.250 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 117 Resp: 132802
Ion Ratio Lower Upper
117 100
119 95.6 73.8 110.8
121 33.5 23.4 35.0

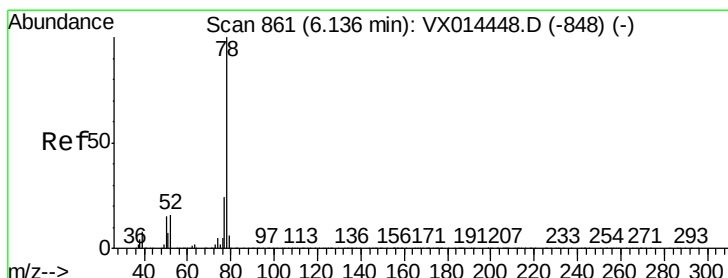
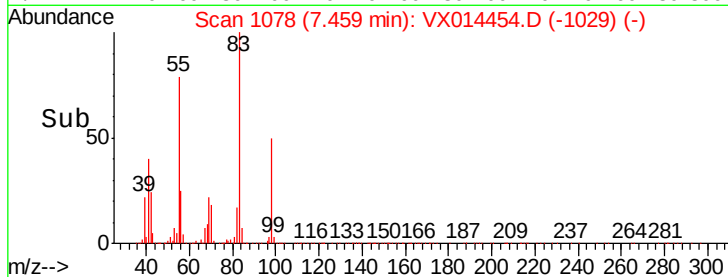
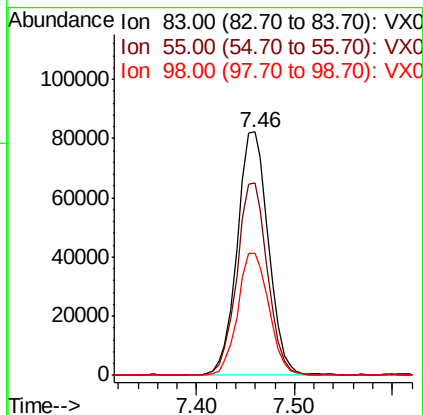
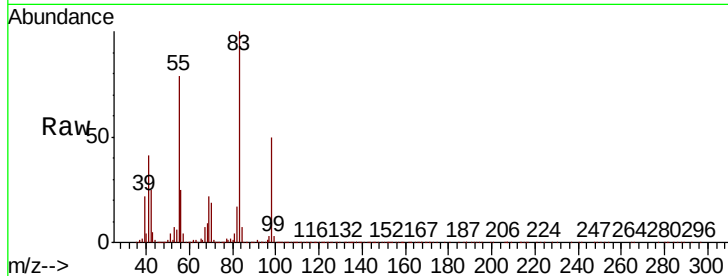




#39
Methylvlcyclohexane
Concen: 19.276 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

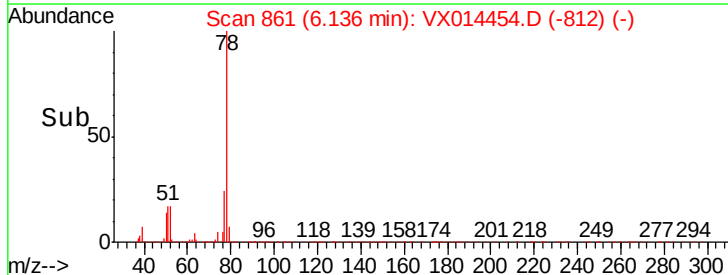
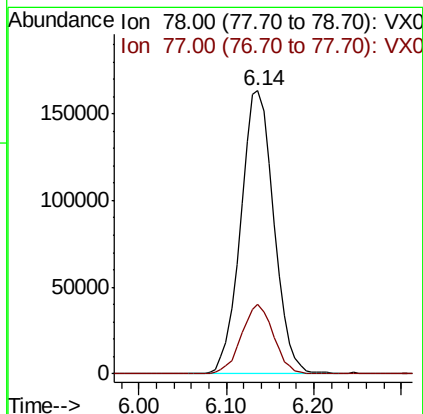
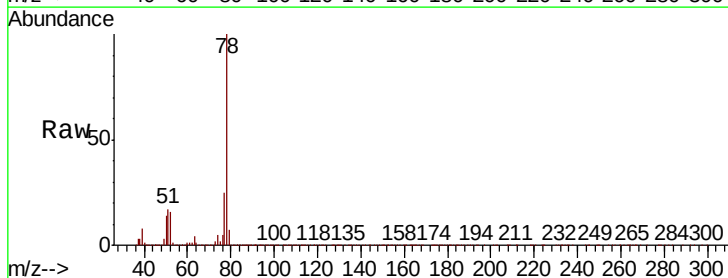
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

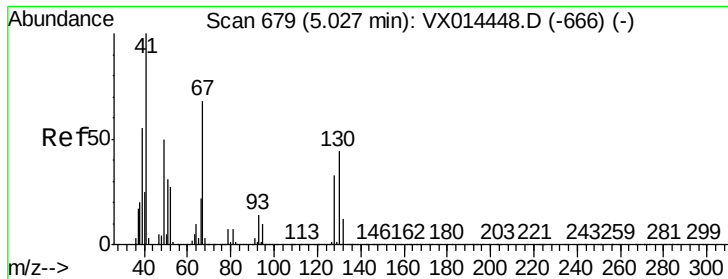
Tot Ion: 83 Resp: 181546
Ion Ratio Lower Upper
83 100
55 79.1 59.7 89.5
98 50.3 39.1 58.7



#40
Benzene
Concen: 19.277 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 78 Resp: 428921
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3

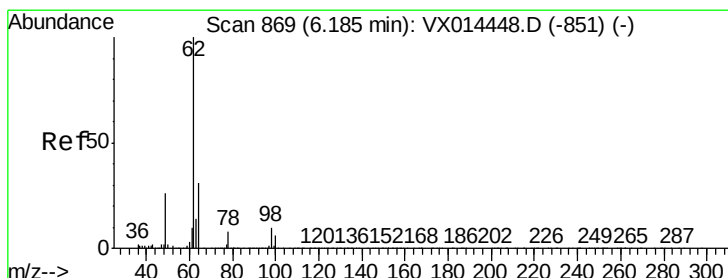
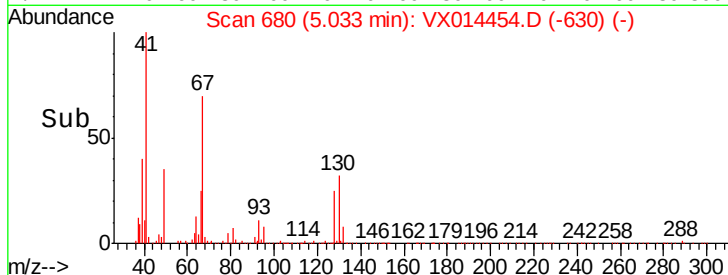
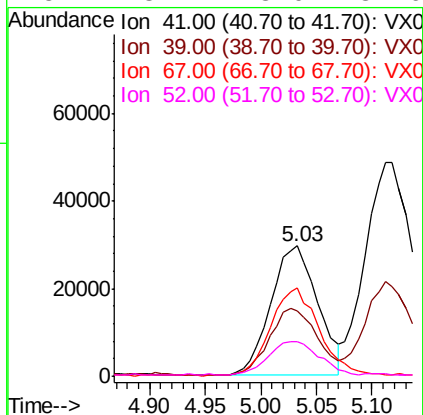
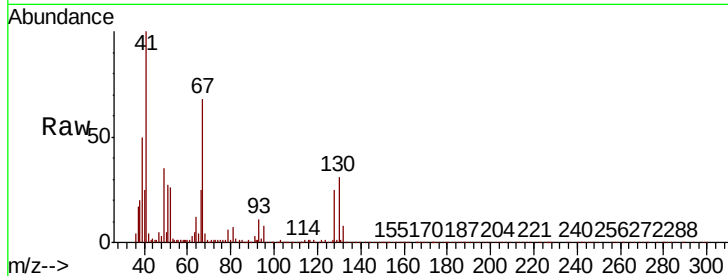




#41
Methacrylonitrile
Concen: 19.966 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

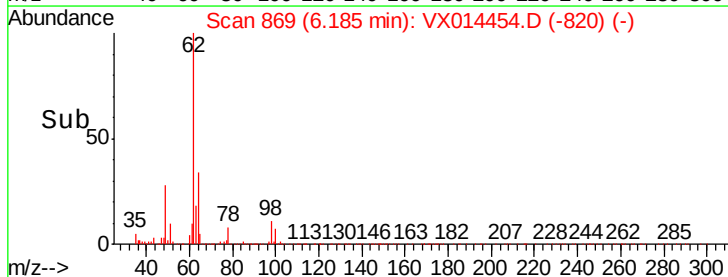
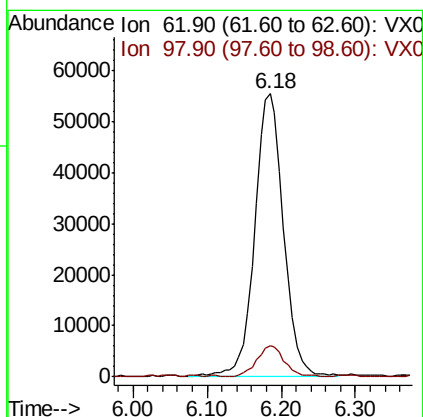
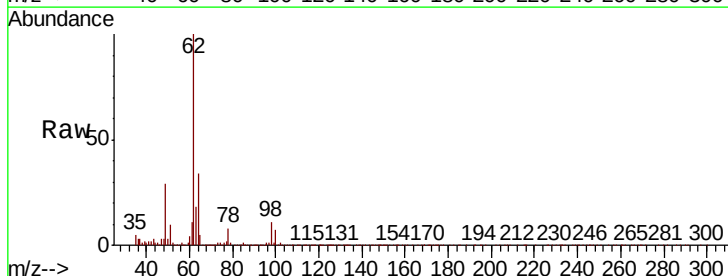
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

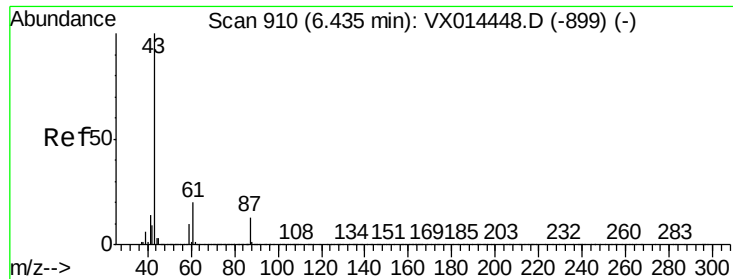
Tot Ion:	41	Resp:	86702
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.6	65.4
67	70.1	57.9	86.9
52	28.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.072 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion:	62	Resp:	148374
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4



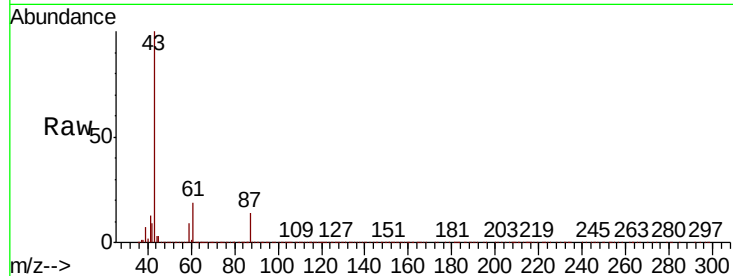


#43

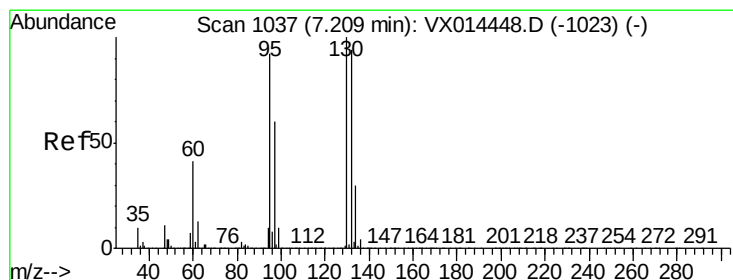
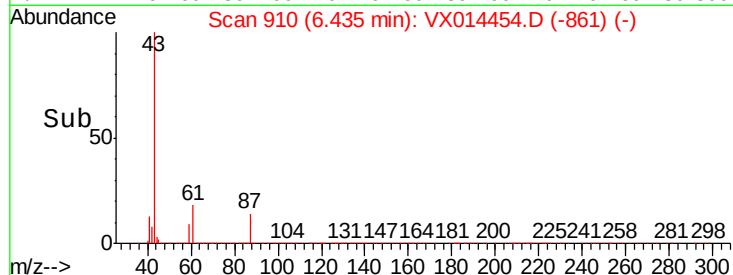
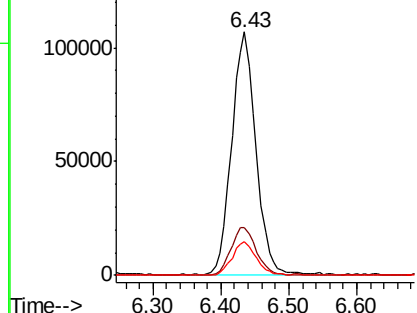
Isopropyl Acetate
 Concen: 19.965 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	13.4	10.8	16.2



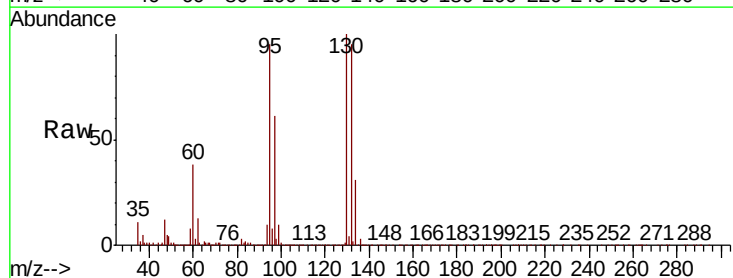
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



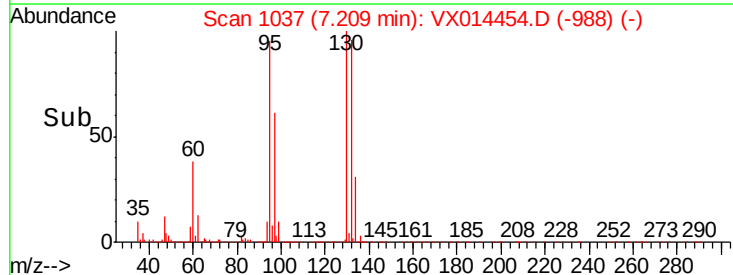
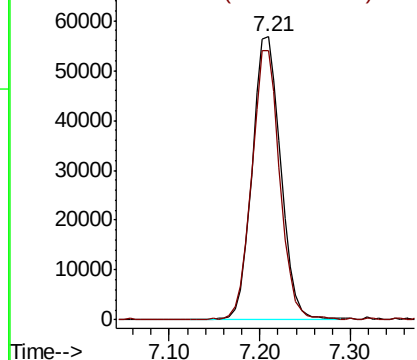
#44

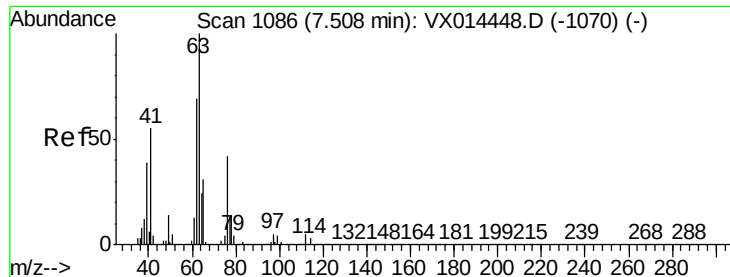
Trichloroethene
 Concen: 19.360 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	184.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.597 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

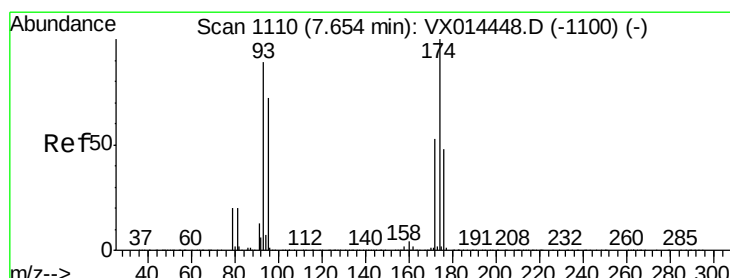
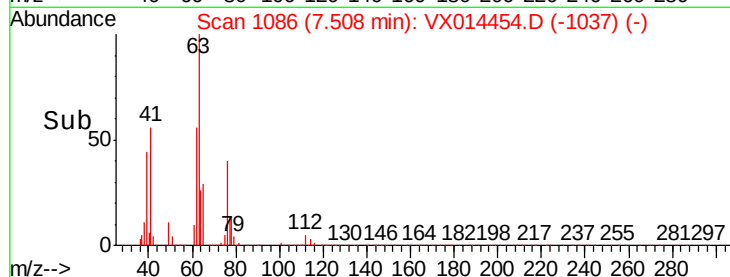
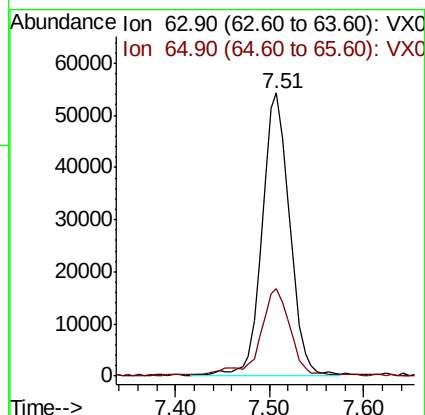
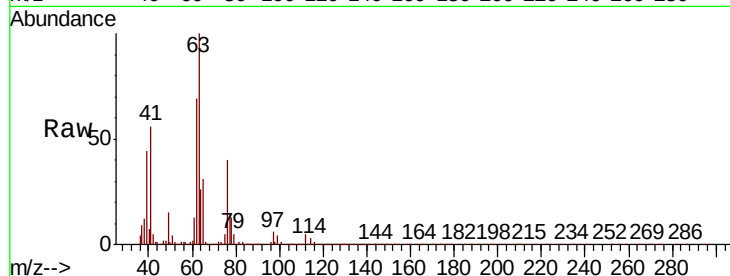
VX0107WBSD01

Tot Ion: 63 Resp: 111165

Ion Ratio Lower Upper

63 100

65 30.3 24.8 37.2



#46

Dibromomethane

Concen: 18.127 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

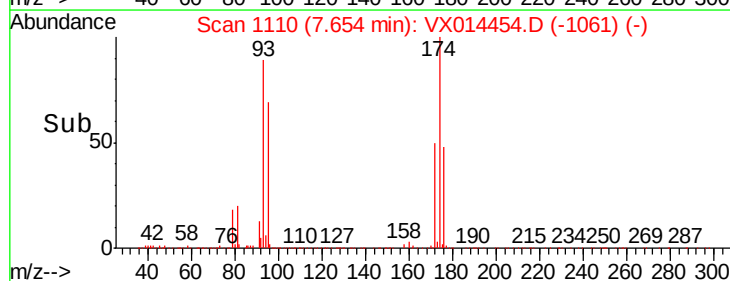
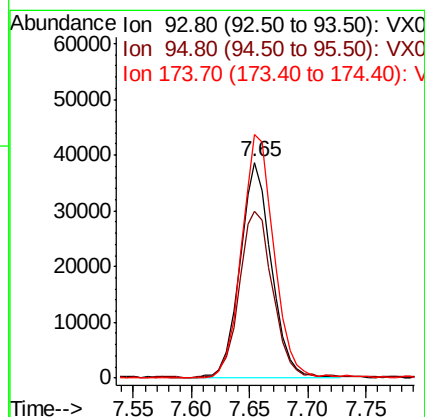
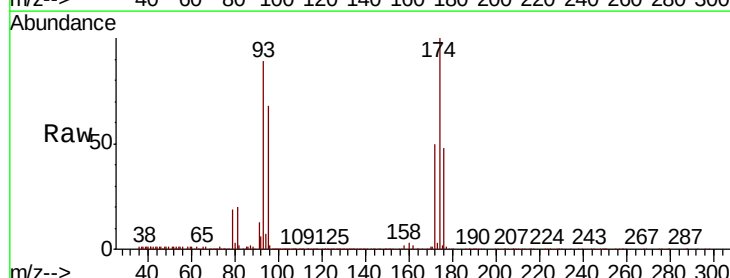
Tgt Ion: 93 Resp: 71769

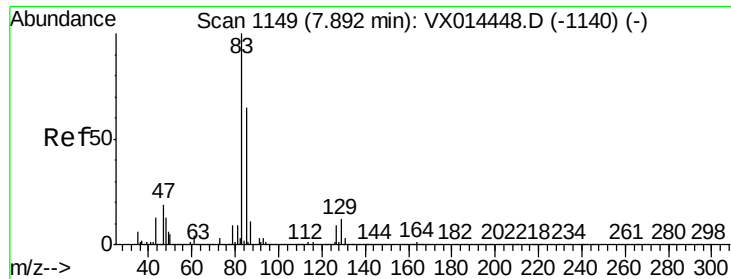
Ion Ratio Lower Upper

93 100

95 83.3 65.4 98.2

174 118.0 93.0 139.4





#47

Bromodichloromethane

Concen: 19.266 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

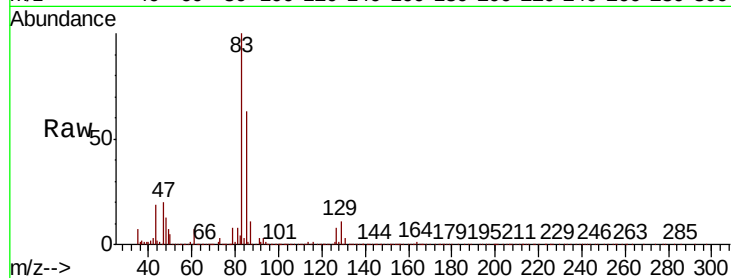
Tot Ion: 83 Resp: 138798

Ion Ratio Lower Upper

83 100

85 63.2 51.7 77.5

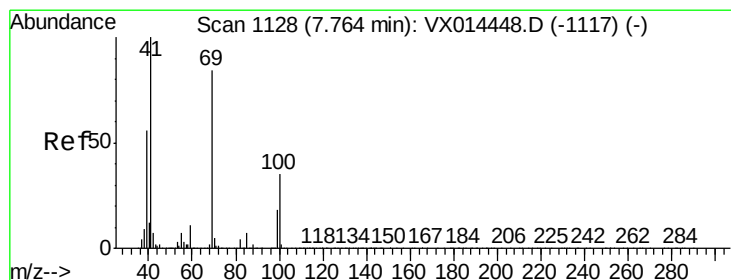
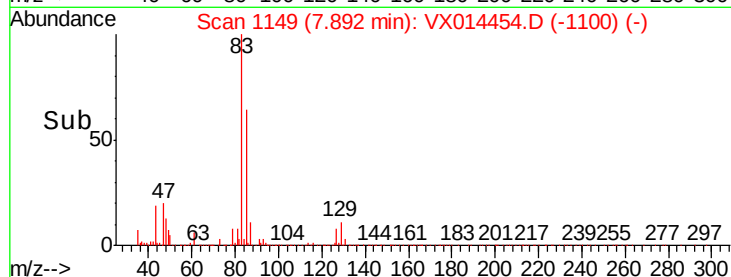
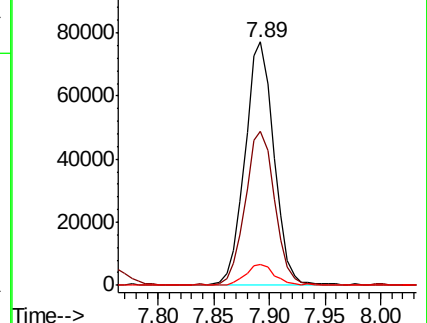
127 8.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.000 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

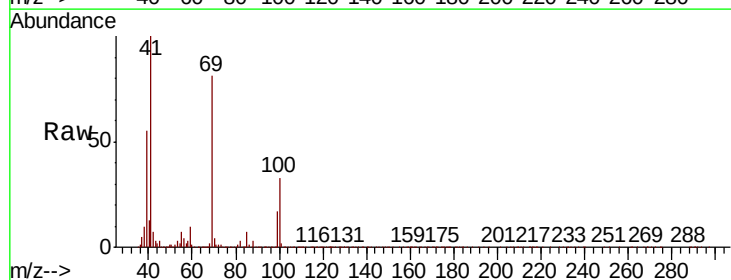
Tgt Ion: 41 Resp: 126006

Ion Ratio Lower Upper

41 100

69 82.9 65.5 98.3

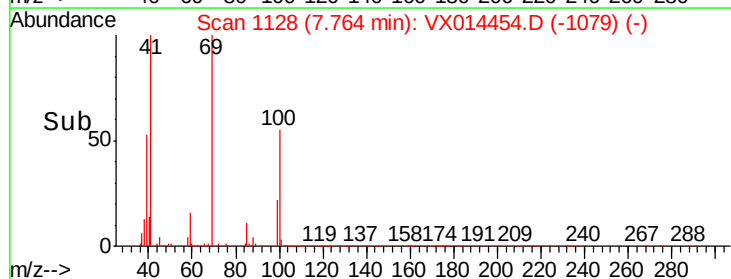
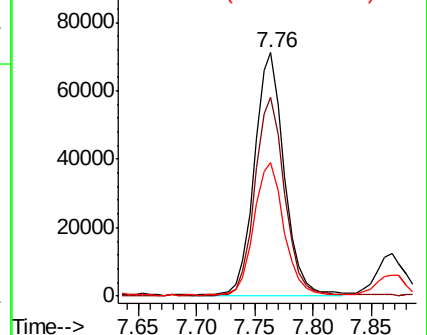
39 54.9 43.9 65.9

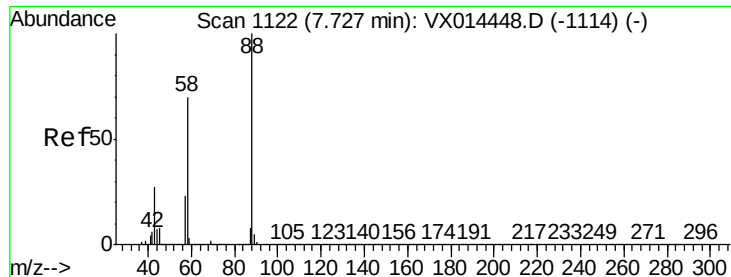


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 397.556 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

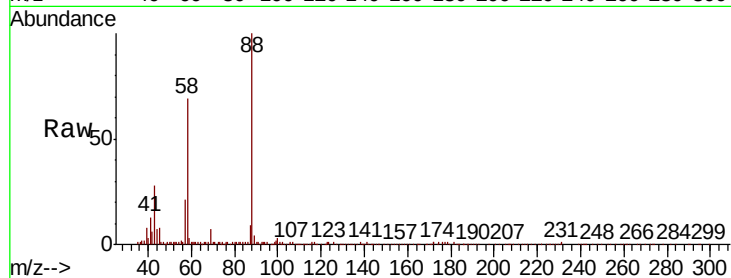
Tot Ion: 88 Resp: 53072

Ion Ratio Lower Upper

88 100

43 35.1 27.4 41.0

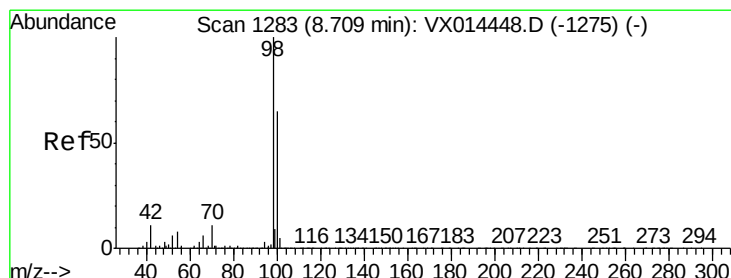
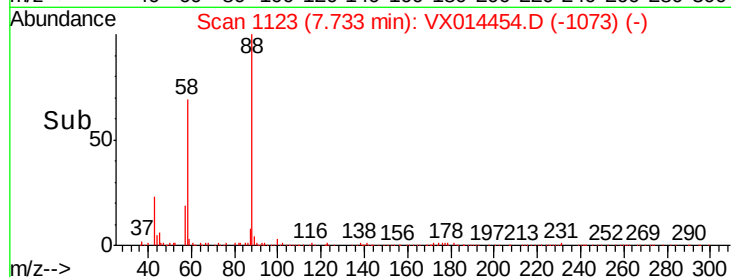
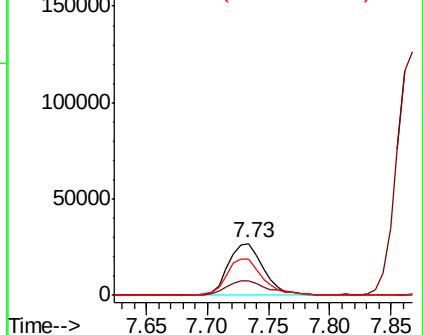
58 70.6 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.722 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014454.D

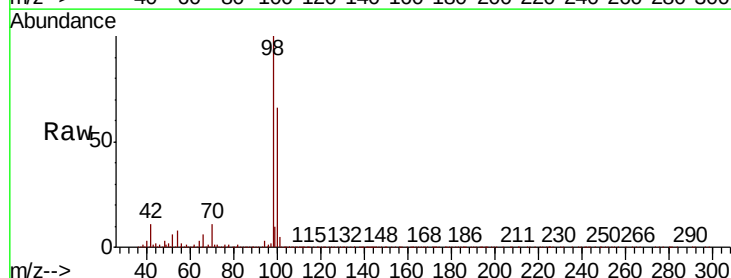
Acq: 07 Jan 2020 17:44

Tgt Ion: 98 Resp: 949858

Ion Ratio Lower Upper

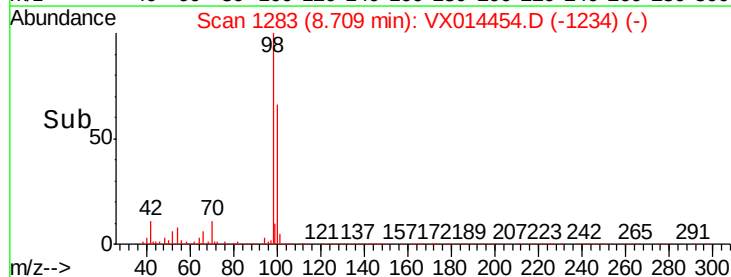
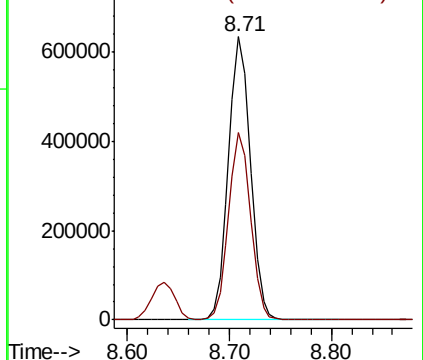
98 100

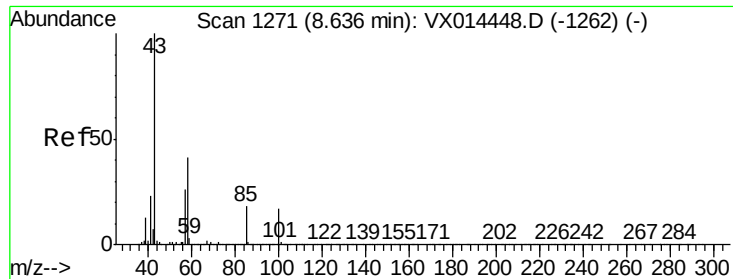
100 65.9 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 101.248 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

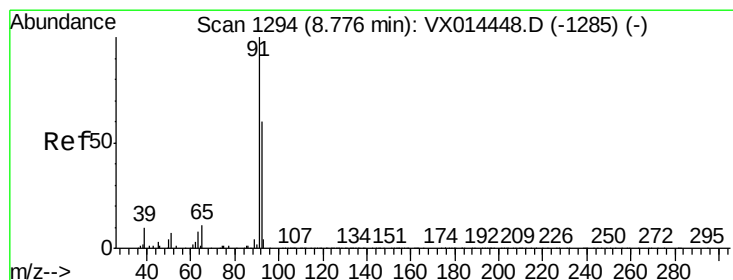
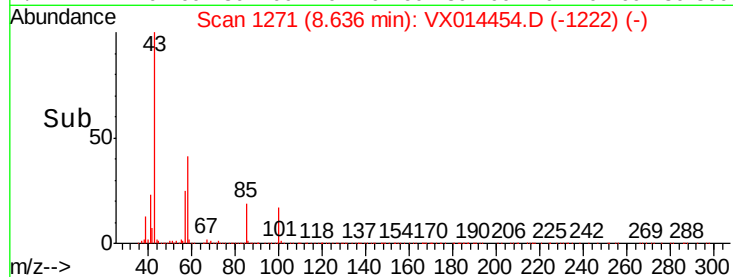
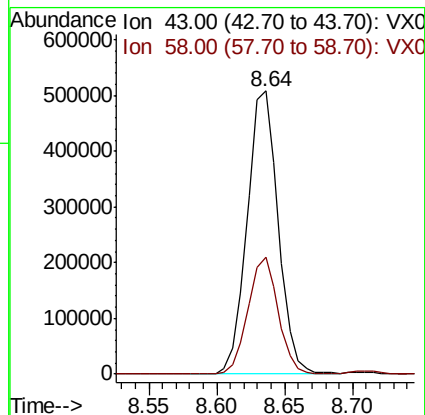
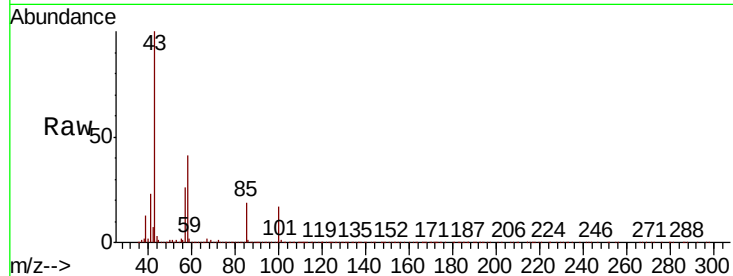
VX0107WBSD01

Tot Ion: 43 Resp: 811595

Ion Ratio Lower Upper

43 100

58 40.2 32.4 48.6



#52

Toluene

Concen: 19.230 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014454.D

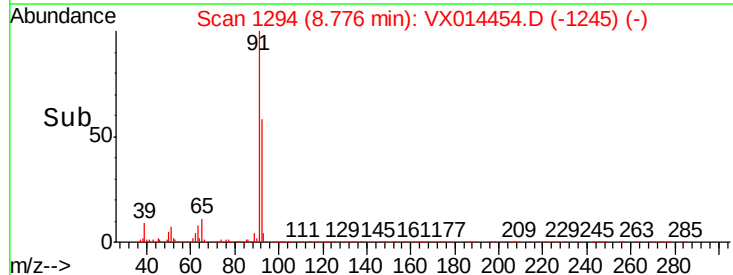
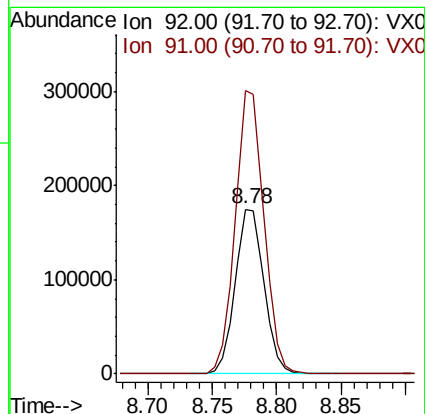
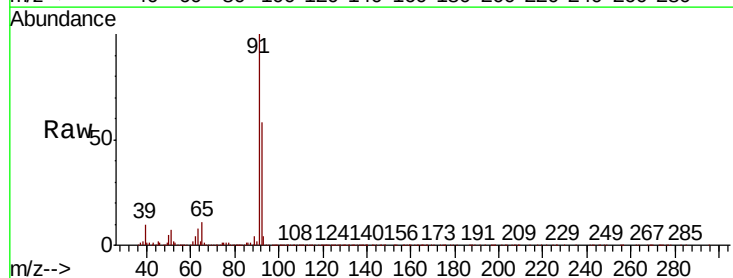
Acq: 07 Jan 2020 17:44

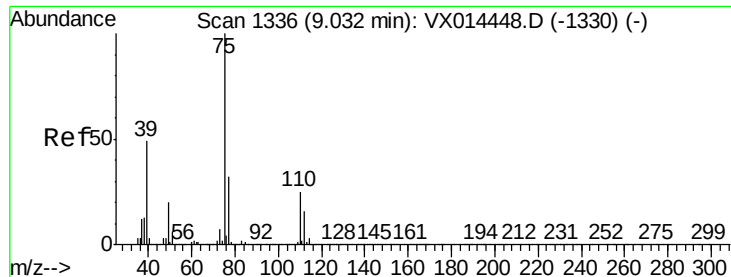
Tgt Ion: 92 Resp: 273898

Ion Ratio Lower Upper

92 100

91 170.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.932 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

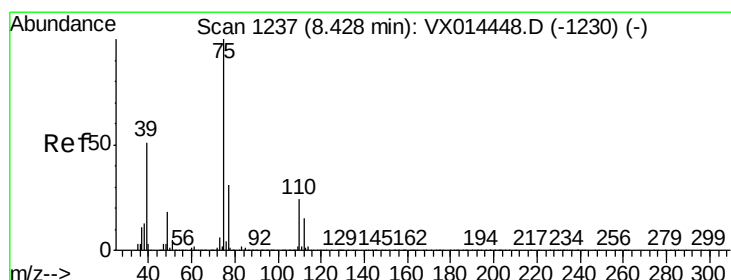
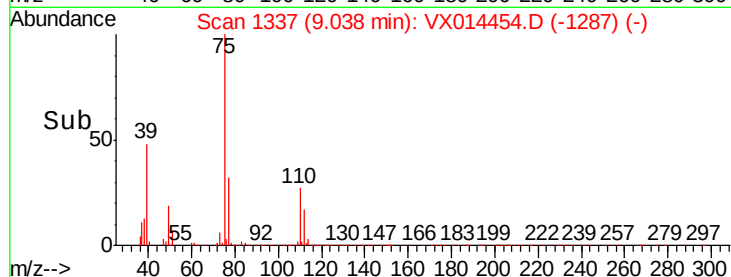
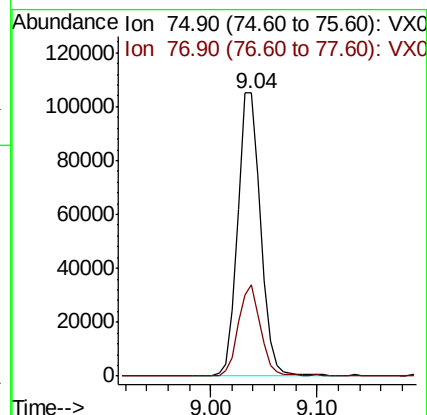
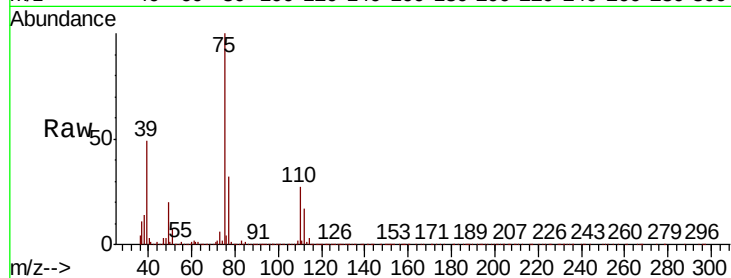
VX0107WBSD01

Tot Ion: 75 Resp: 158787

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.144 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

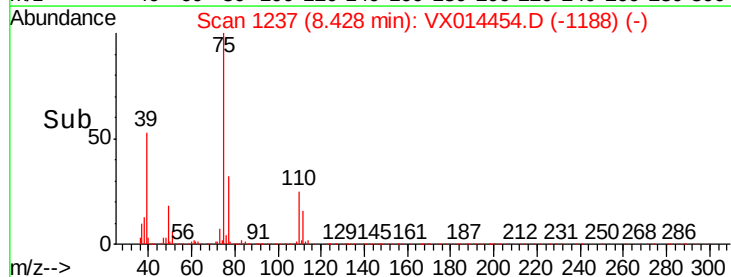
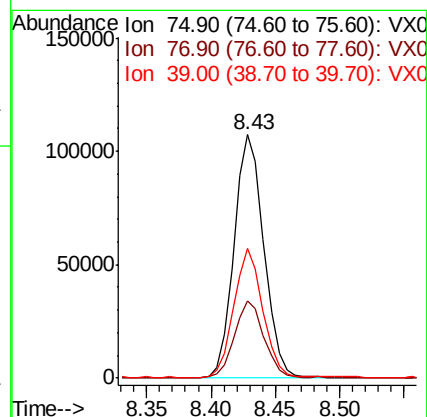
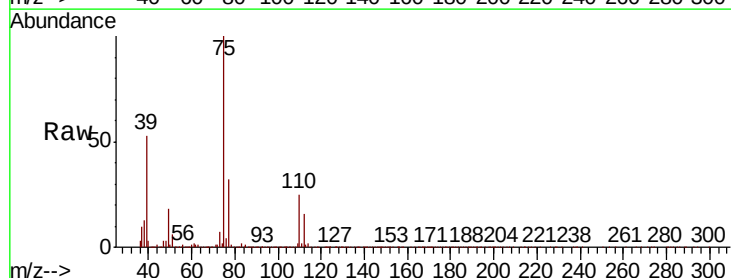
Tgt Ion: 75 Resp: 173450

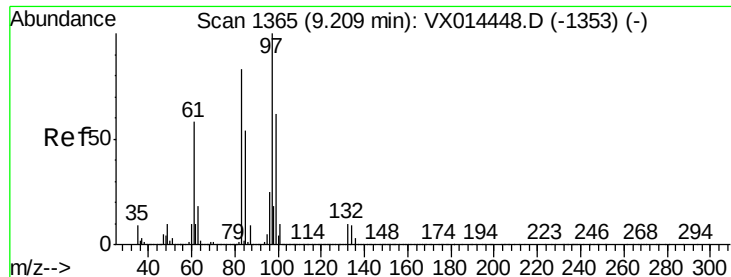
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 52.9 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 19.424 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

Tot Ion: 97 Resp: 111126

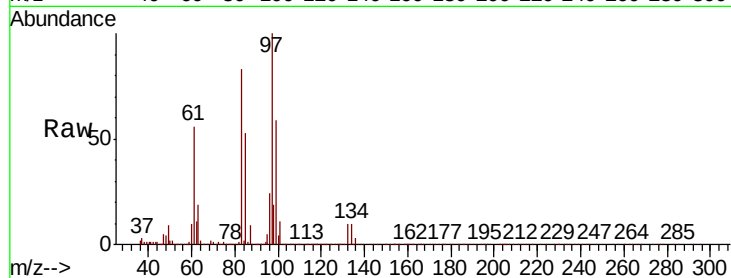
Ion Ratio Lower Upper

97 100

83 82.4 66.4 99.6

85 52.9 43.4 65.2

99 58.6 49.6 74.4

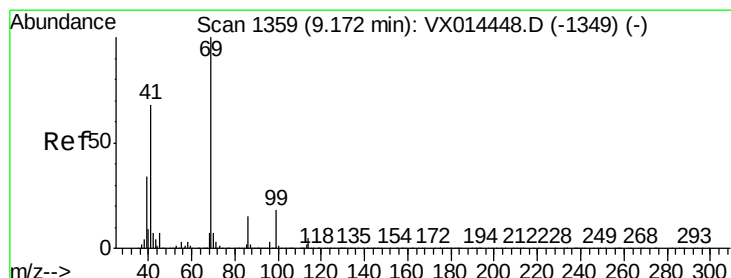
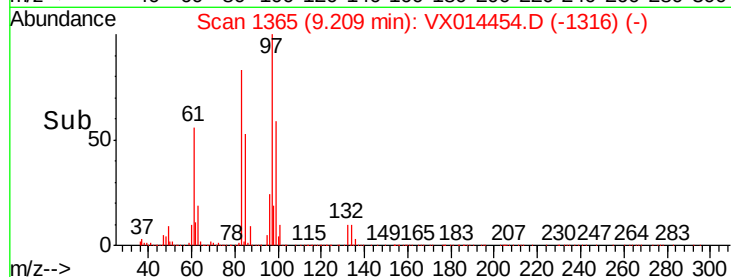
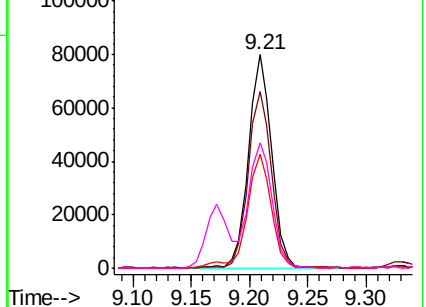


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.920 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

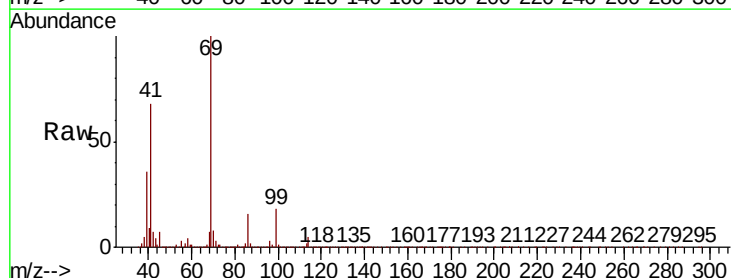
Tgt Ion: 69 Resp: 174597

Ion Ratio Lower Upper

69 100

41 68.1 54.2 81.2

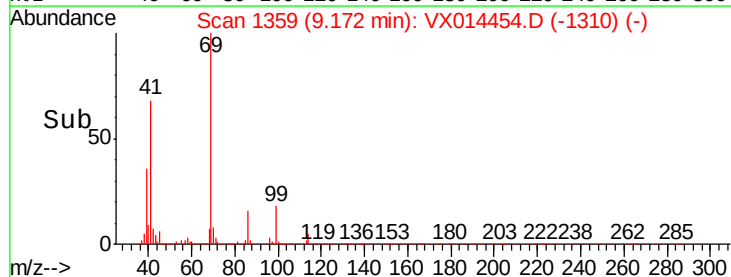
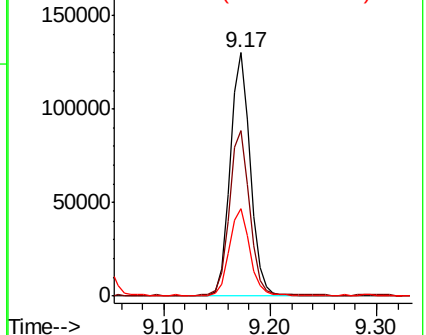
39 37.6 28.2 42.2

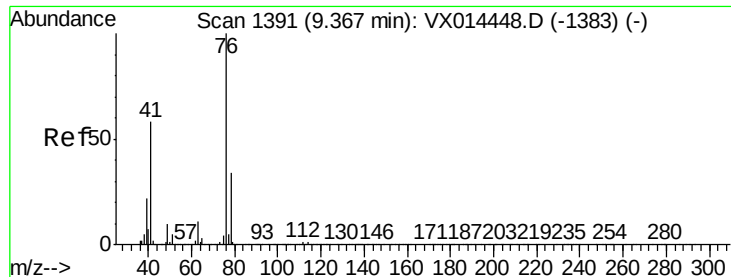


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.451 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

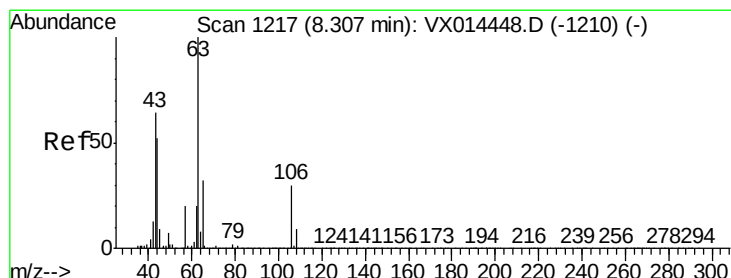
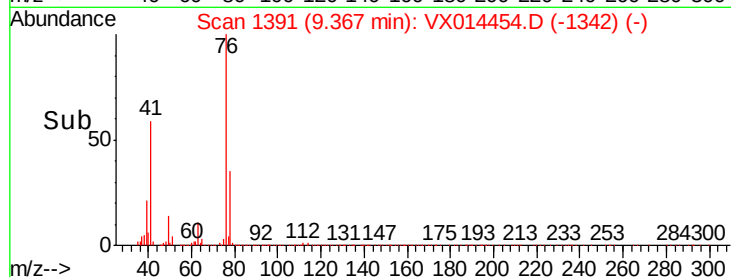
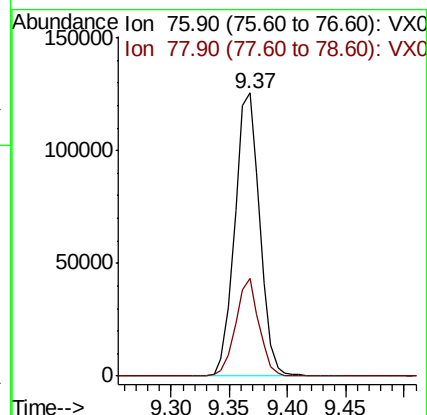
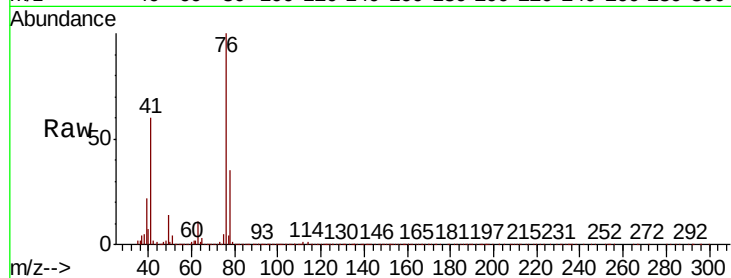
VX0107WBSD01

Tot Ion: 76 Resp: 186055

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.710 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014454.D

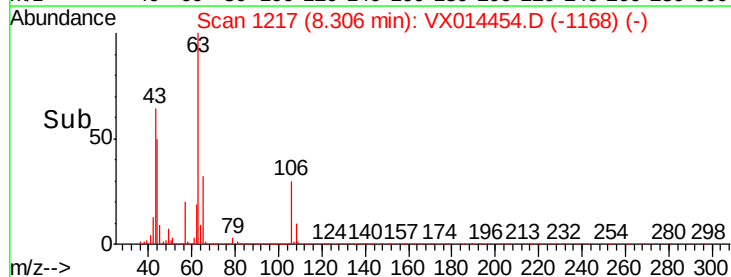
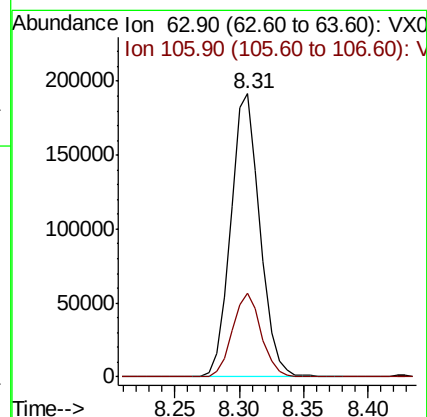
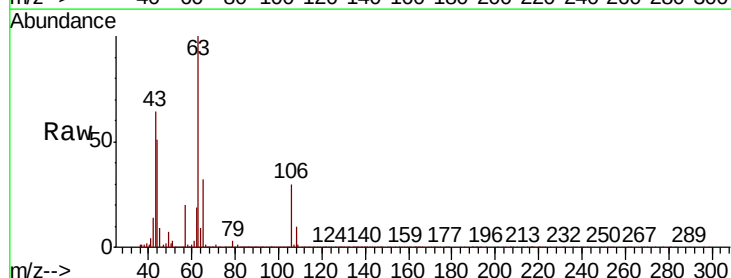
Acq: 07 Jan 2020 17:44

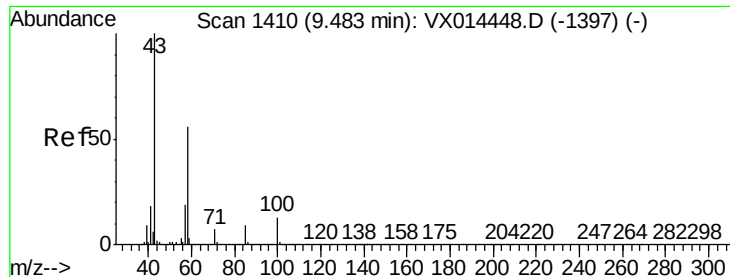
Tgt Ion: 63 Resp: 303306

Ion Ratio Lower Upper

63 100

106 29.0 23.6 35.4





#59

2-Hexanone

Concen: 101.592 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

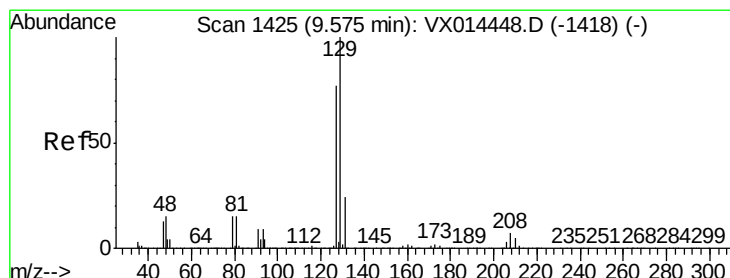
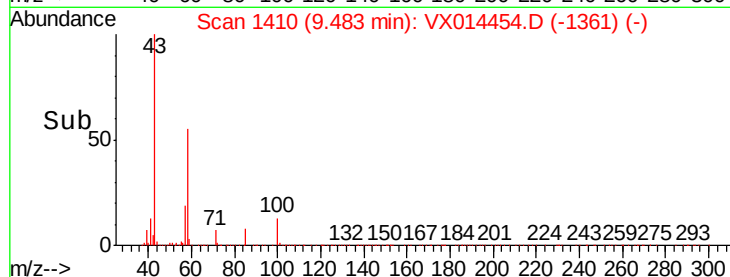
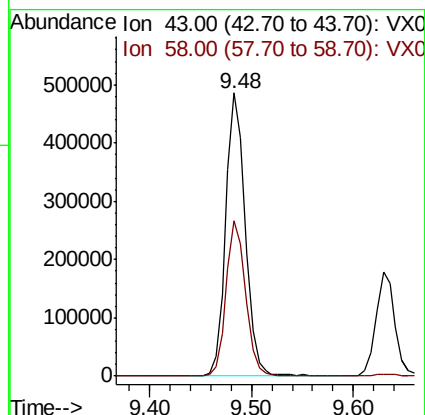
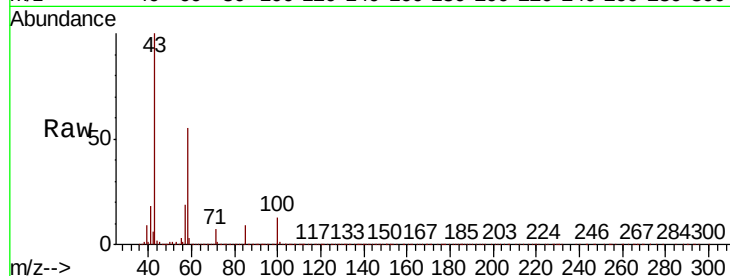
VX0107WBSD01

Tot Ion: 43 Resp: 644347

Ion Ratio Lower Upper

43 100

58 55.0 27.9 83.7



#60

Dibromochloromethane

Concen: 19.436 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014454.D

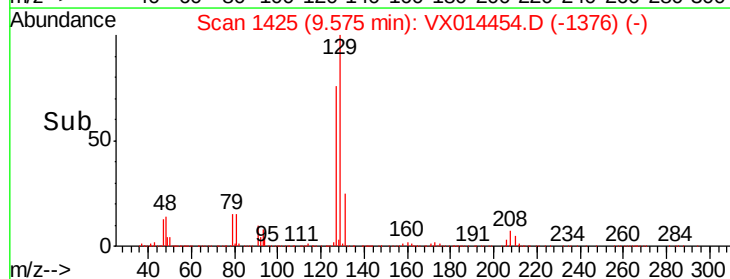
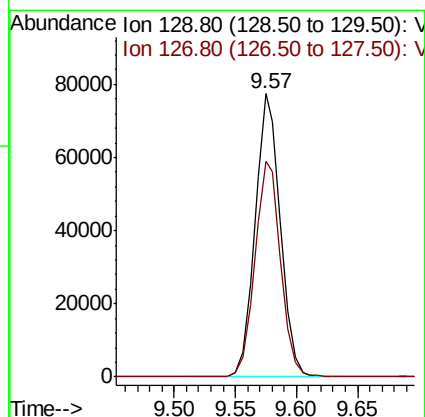
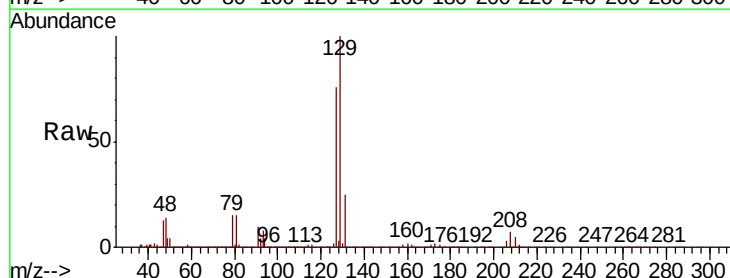
Acq: 07 Jan 2020 17:44

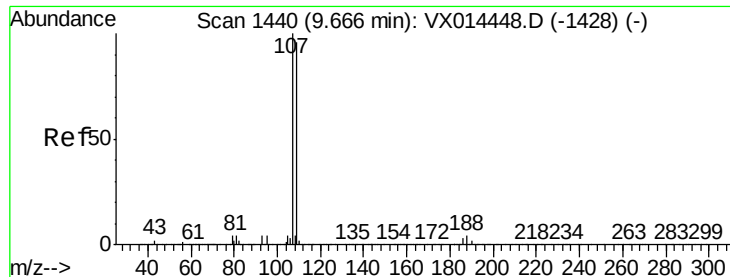
Tgt Ion: 129 Resp: 111763

Ion Ratio Lower Upper

129 100

127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.954 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

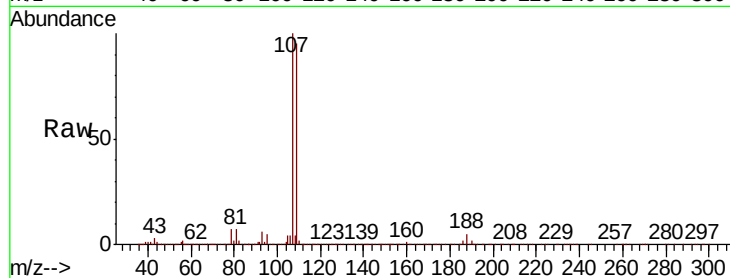
VX0107WBSD01

Tot Ion:107 Resp: 114864

Ion Ratio Lower Upper

107 100

109 96.6 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

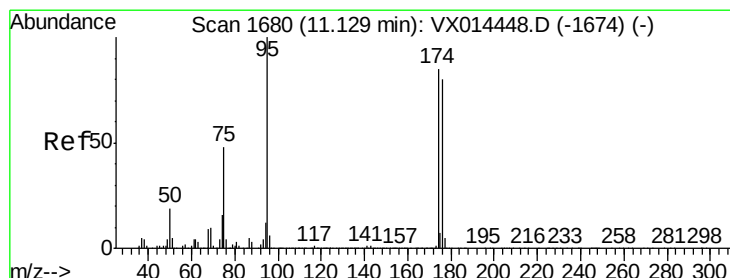
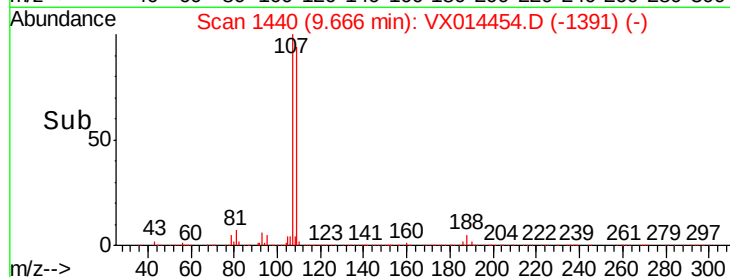
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.808 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

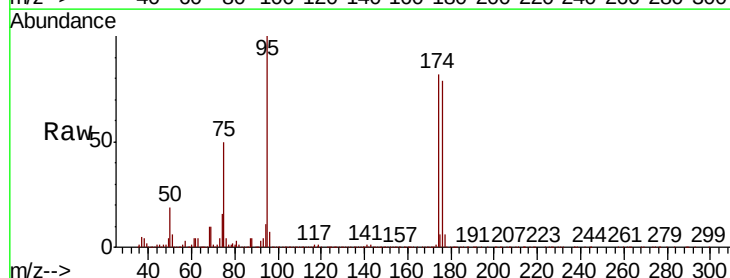
Tgt Ion: 95 Resp: 342418

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.8

176 87.3 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

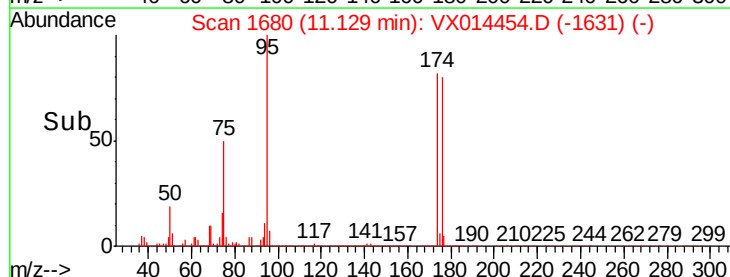
300000

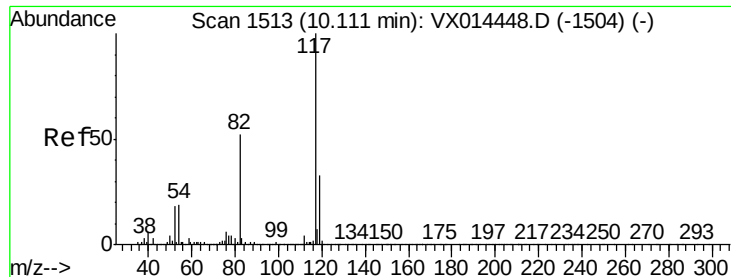
200000

100000

0

Time--> 11.00 11.10 11.20

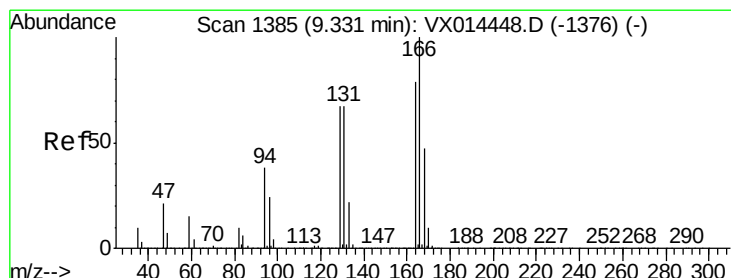
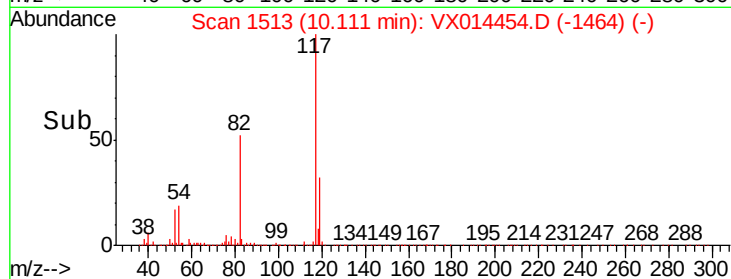
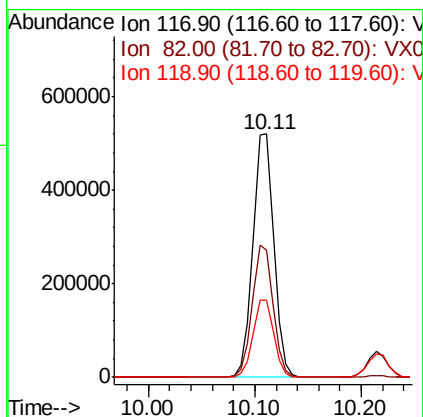
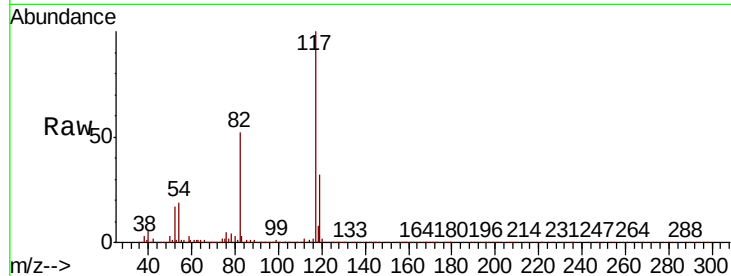




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

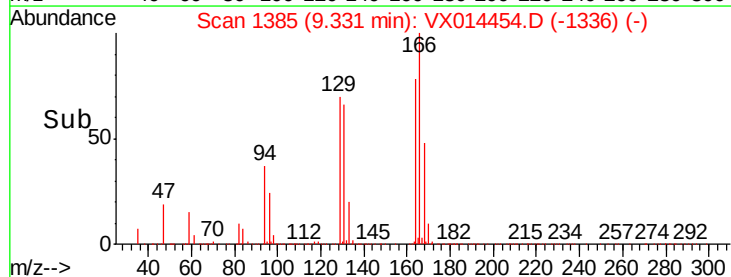
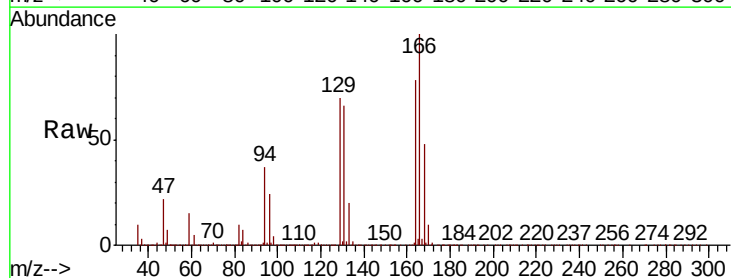
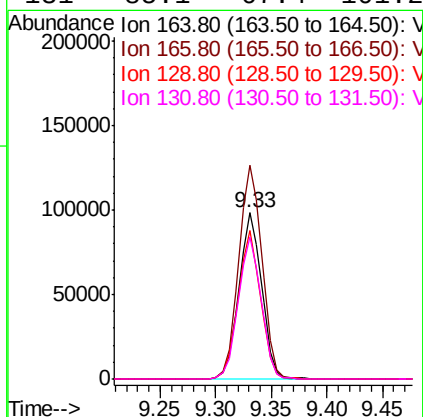
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

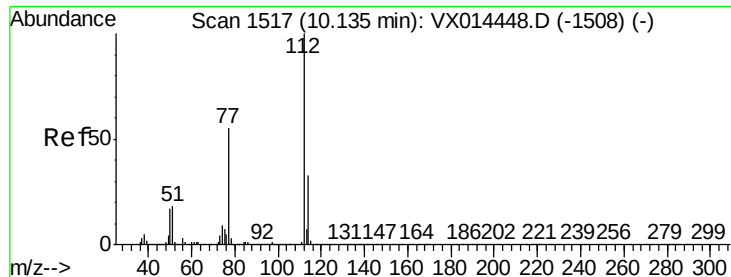
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.6
119	31.9	26.2	39.4



#64
Tetrachloroethene
Concen: 19.200 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	101.2	151.8
129	89.6	68.3	102.5
131	85.1	67.4	101.2

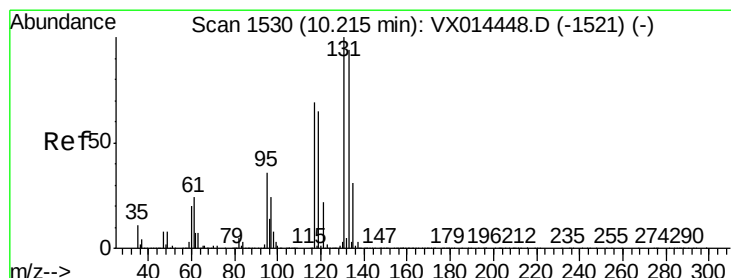
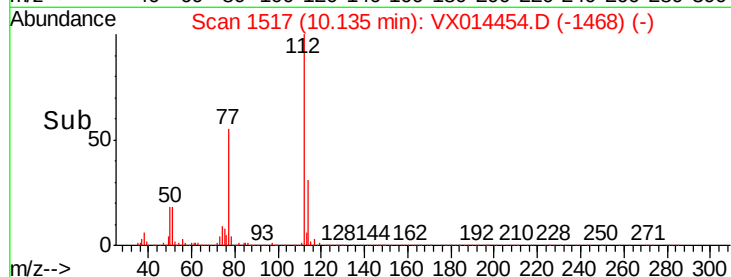
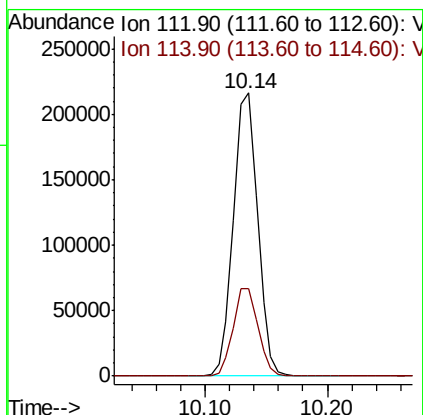
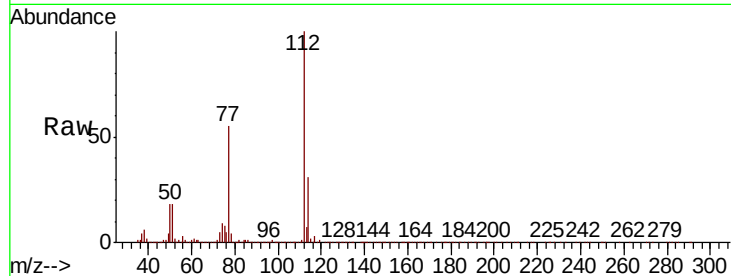




#65
Chlorobenzene
Concen: 18.870 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

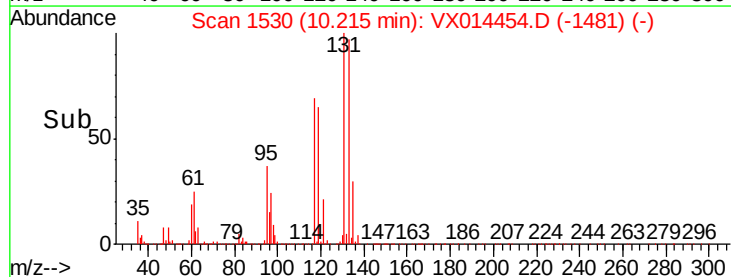
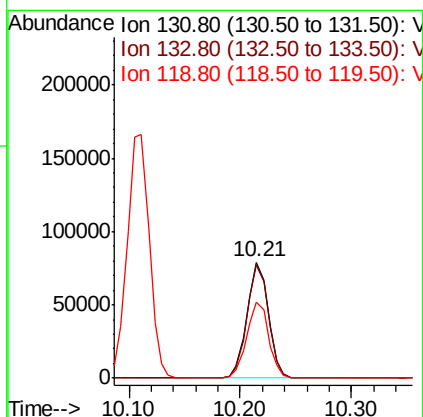
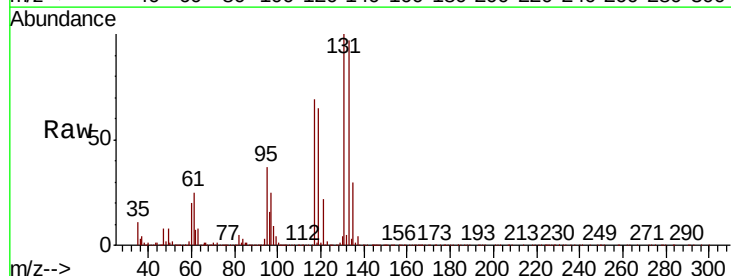
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

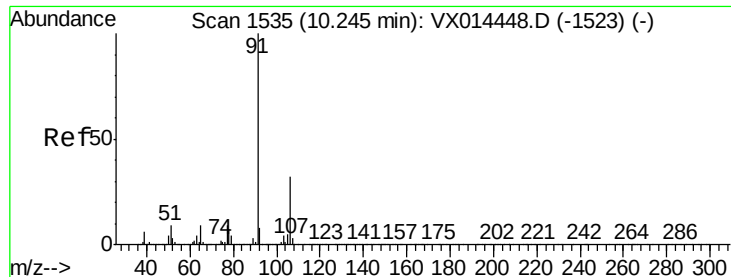
Tot Ion:112 Resp: 296084
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.969 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion:131 Resp: 106222
Ion Ratio Lower Upper
131 100
133 97.6 47.3 142.0
119 66.4 32.8 98.4

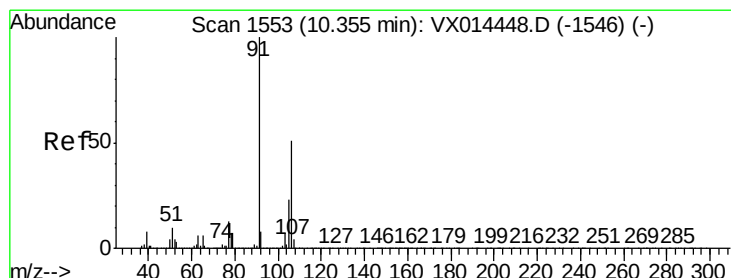
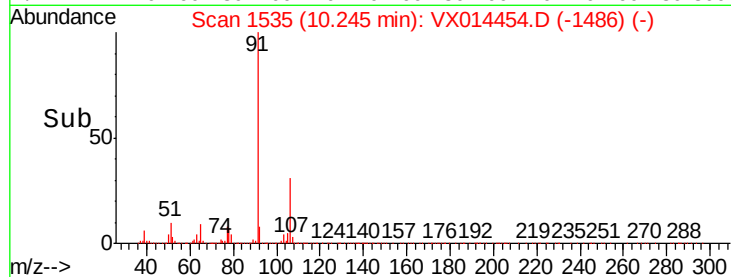
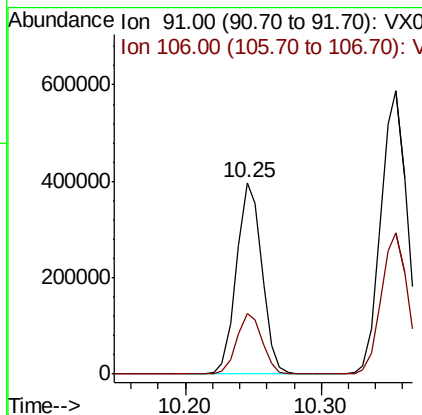
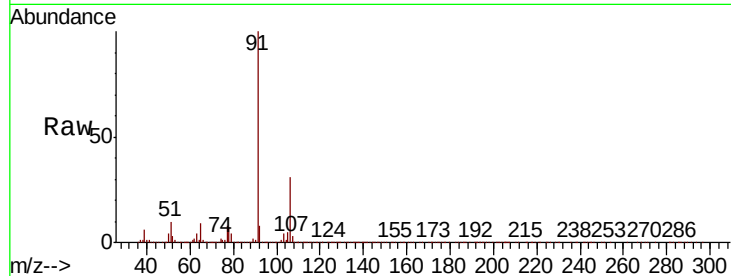




#67
Ethyl Benzene
Concen: 19.378 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

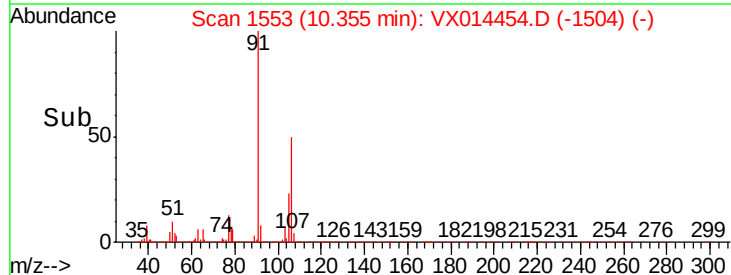
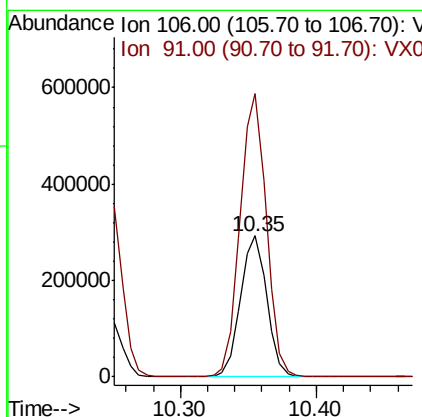
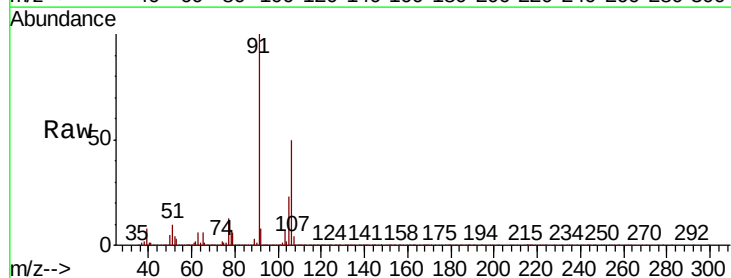
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

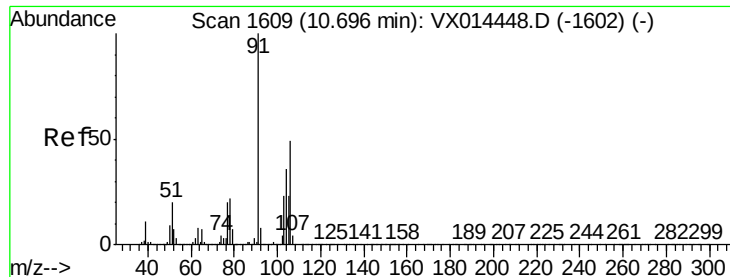
Tot Ion: 91 Resp: 518242
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 38.207 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 106 Resp: 394208
Ion Ratio Lower Upper
106 100
91 200.9 157.4 236.0

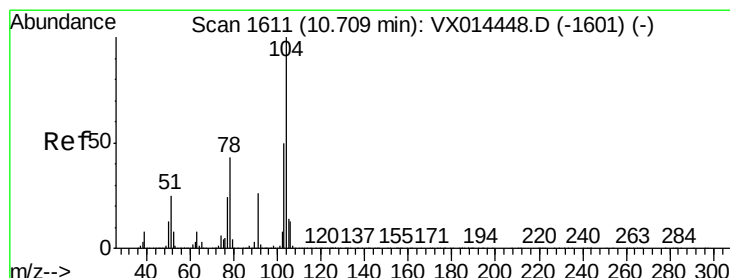
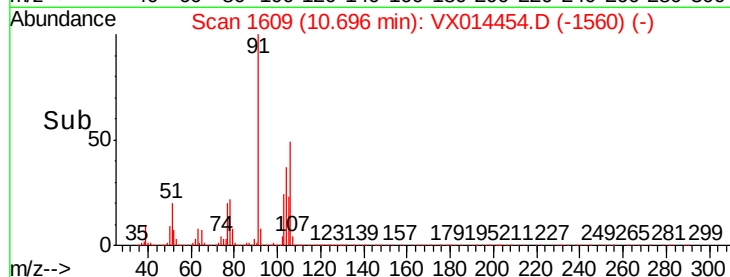
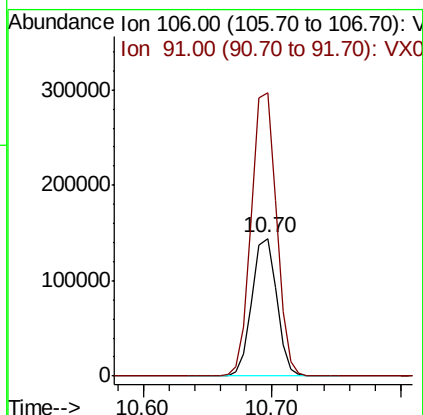
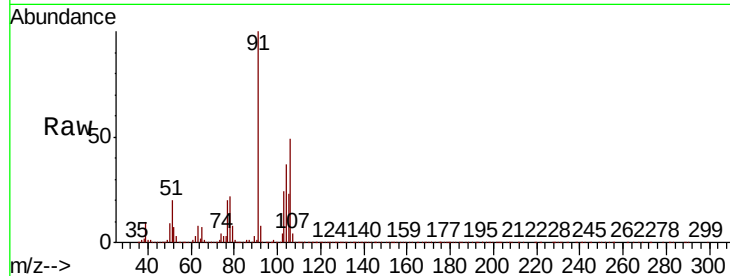




#69
o-Xylene
Concen: 19.466 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

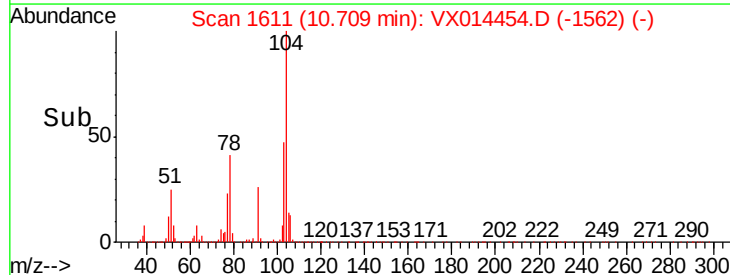
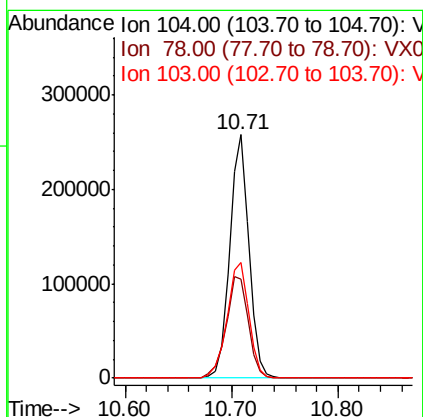
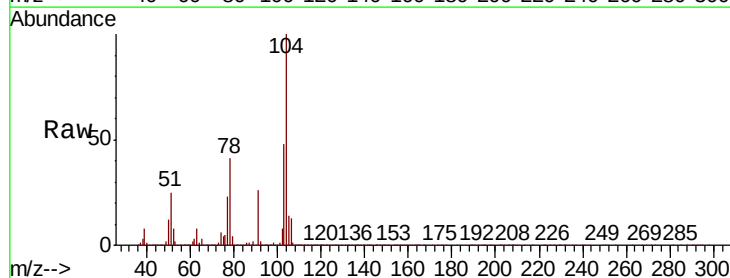
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

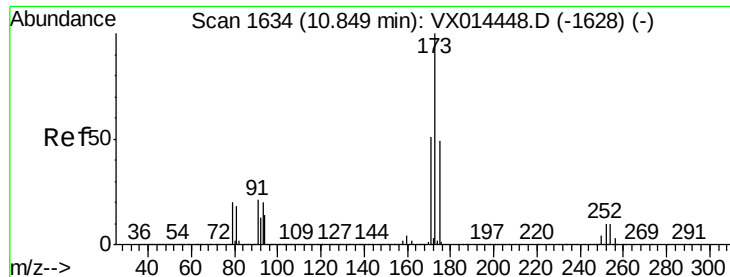
Tot Ion:106 Resp: 191632
Ion Ratio Lower Upper
106 100
91 207.9 105.1 315.1



#70
Styrene
Concen: 19.204 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion:104 Resp: 326250
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.0 43.7 65.5

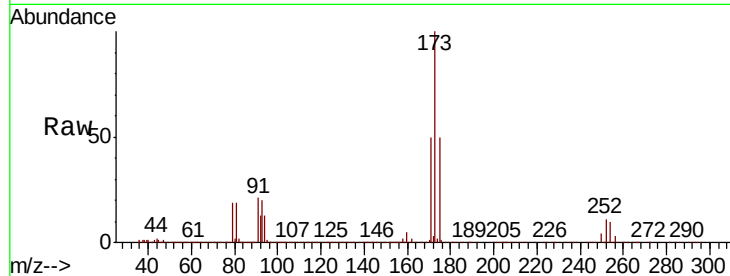




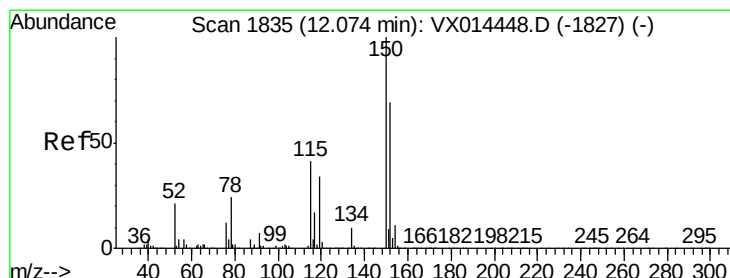
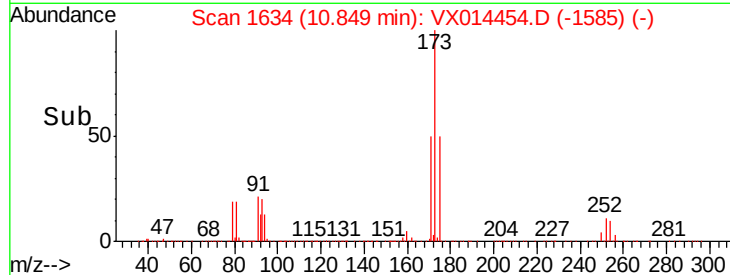
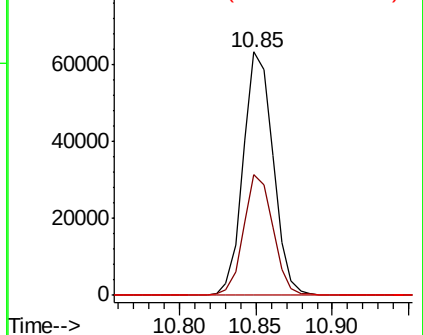
#71
Bromoform
Concen: 18.768 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tot Ion:173 Resp: 85984
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.2 0.2

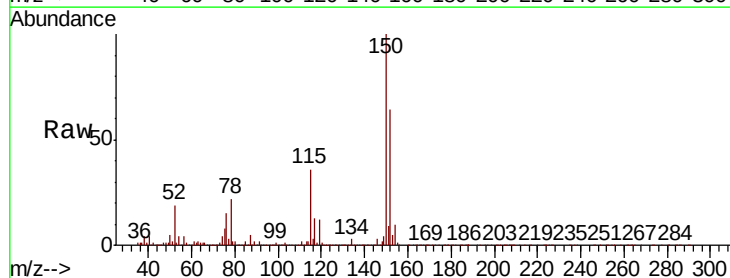


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

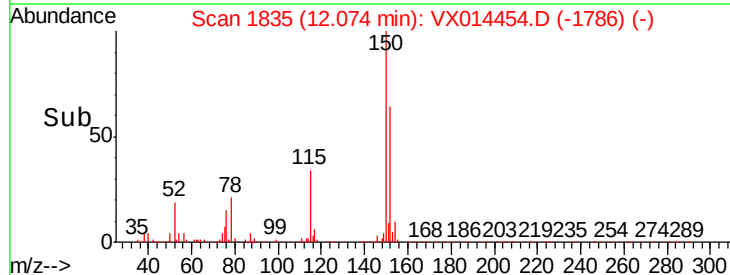
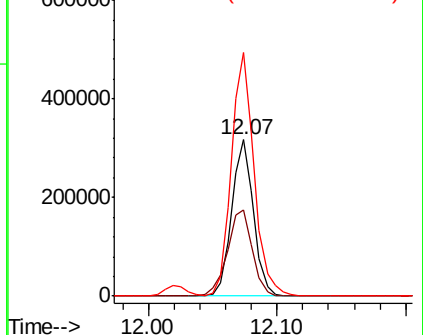


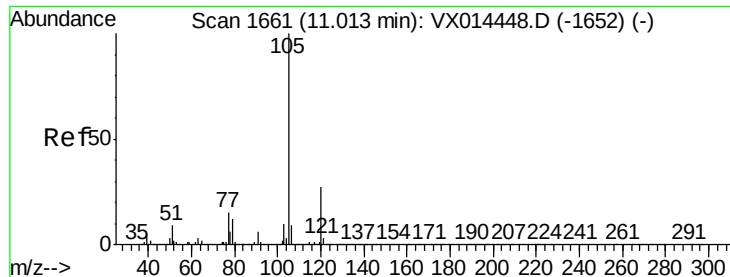
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion:152 Resp: 373006
Ion Ratio Lower Upper
152 100
115 63.5 39.5 118.3
150 163.0 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.429 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

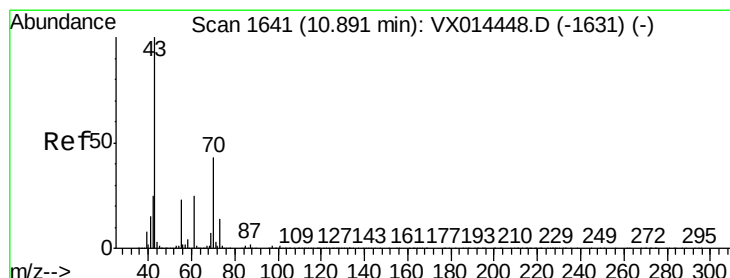
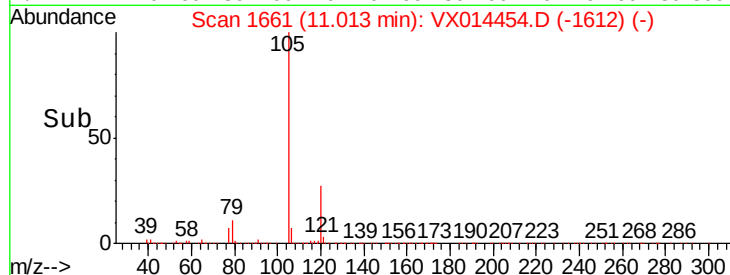
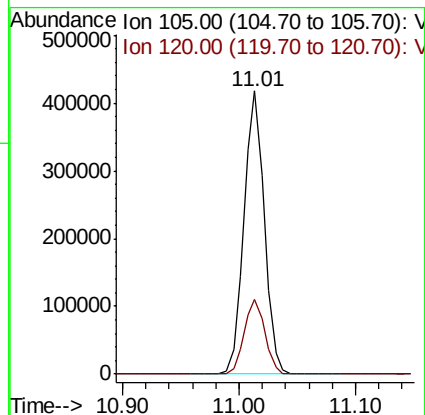
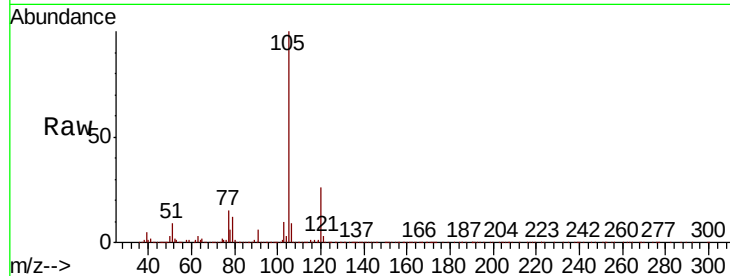
VX0107WBSD01

Tot Ion:105 Resp: 508900

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 19.435 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion: 43 Resp: 224594

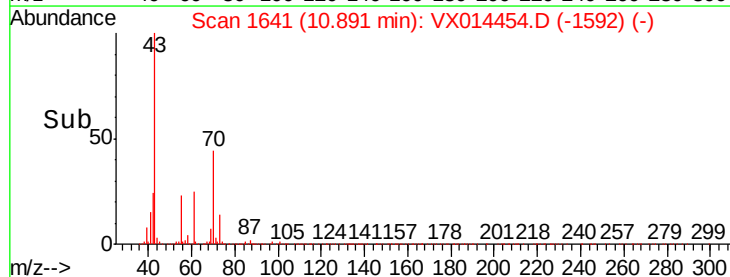
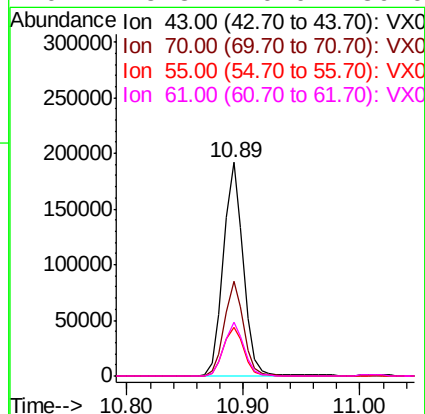
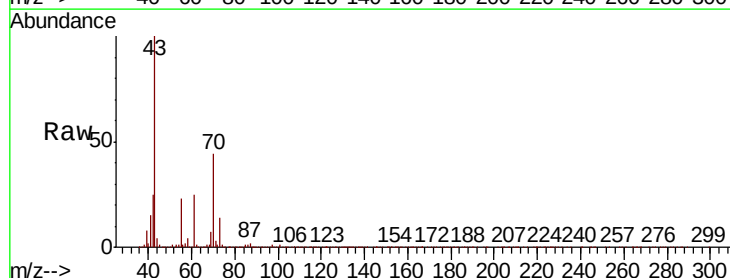
Ion Ratio Lower Upper

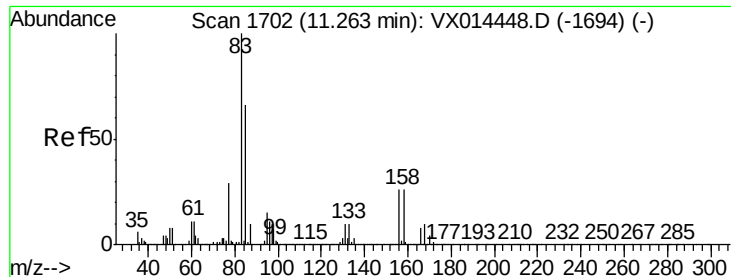
43 100

70 42.9 35.1 52.7

55 23.5 19.3 28.9

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.014 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

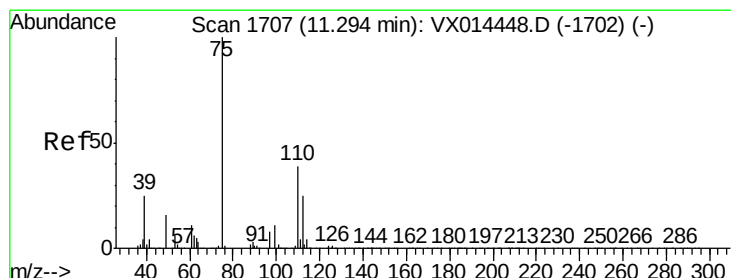
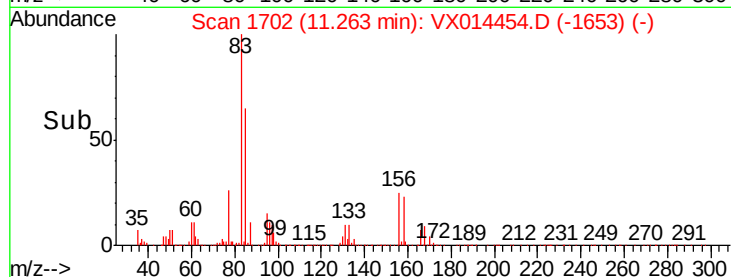
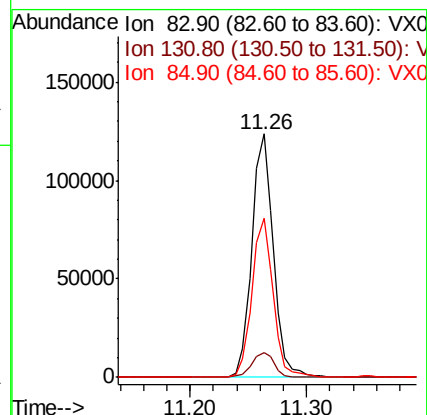
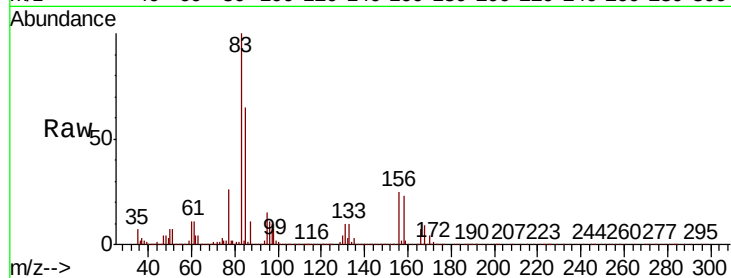
Tot Ion: 83 Resp: 159719

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

85 64.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 24.348 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014454.D

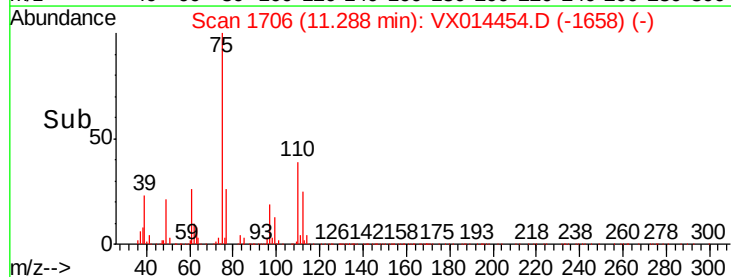
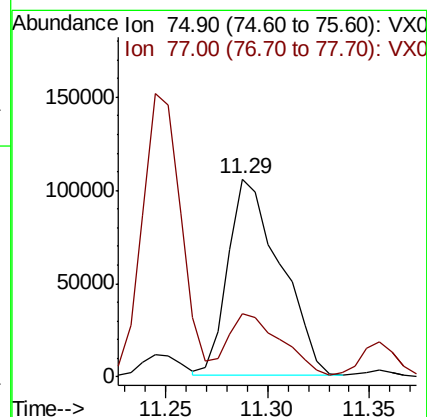
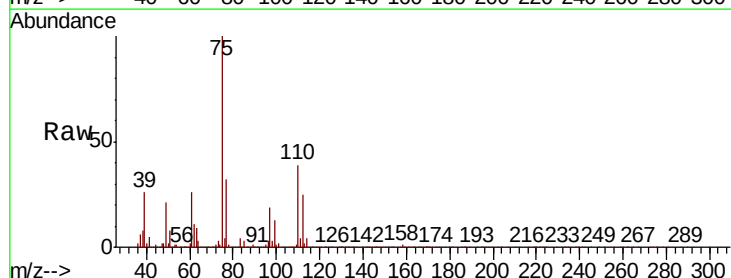
Acq: 07 Jan 2020 17:44

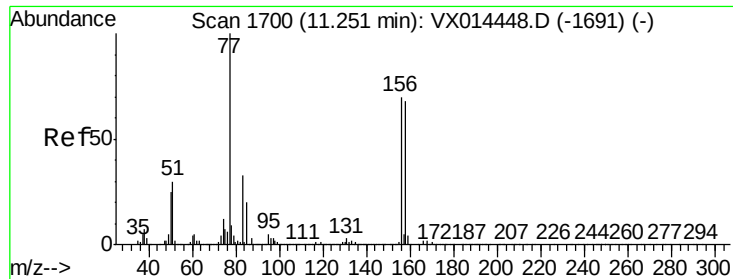
Tgt Ion: 75 Resp: 187908

Ion Ratio Lower Upper

75 100

77 33.1 21.9 65.7





#77

Bromobenzene

Concen: 18.524 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

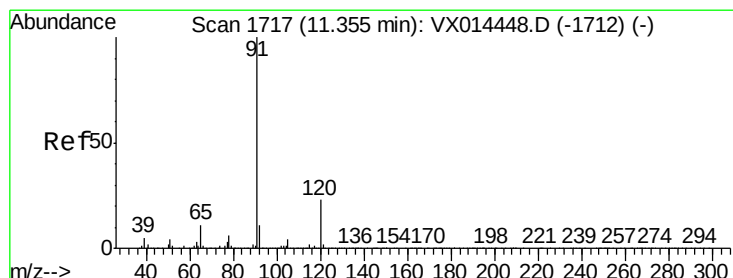
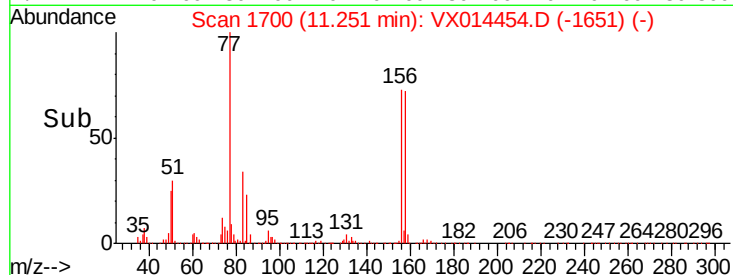
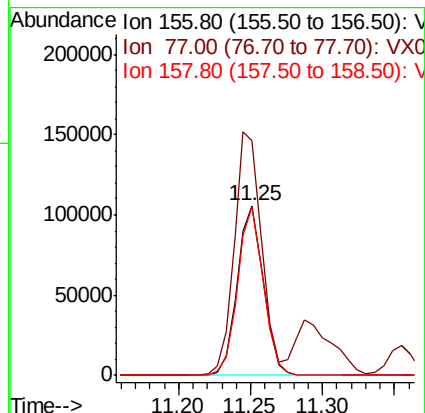
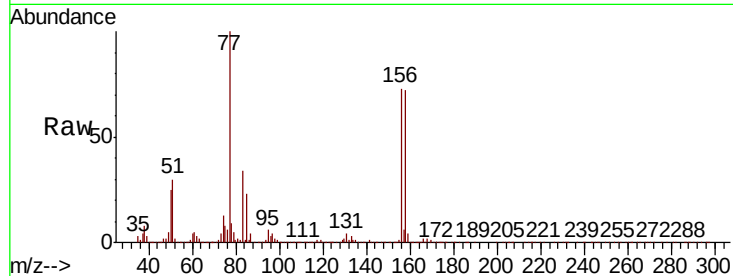
Tot Ion:156 Resp: 134555

Ion Ratio Lower Upper

156 100

77 148.4 75.4 226.3

158 97.0 48.8 146.3



#78

n-propylbenzene

Concen: 19.393 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014454.D

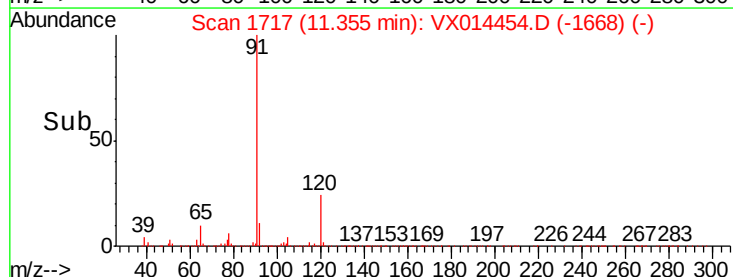
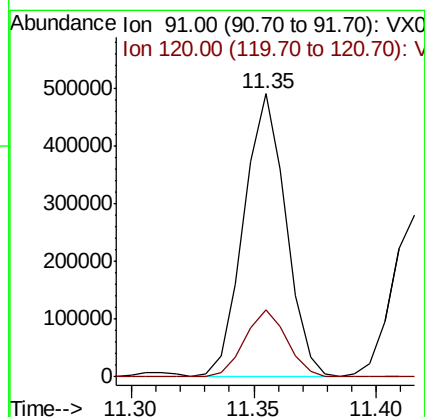
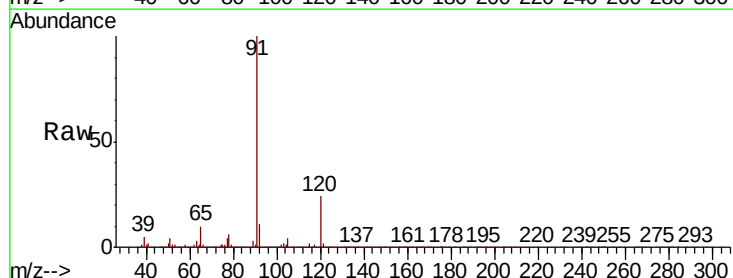
Acq: 07 Jan 2020 17:44

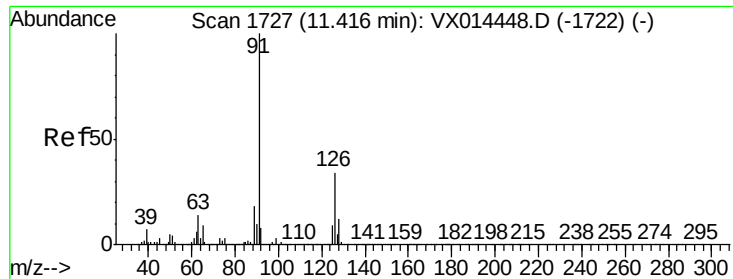
Tgt Ion: 91 Resp: 581728

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

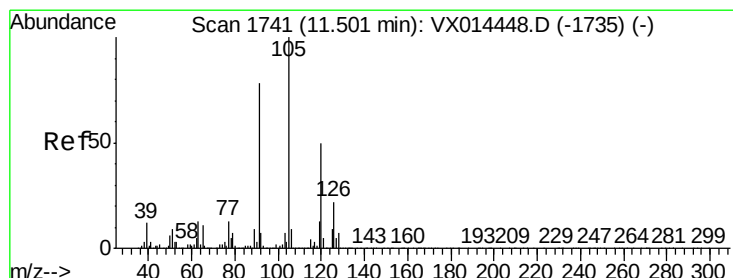
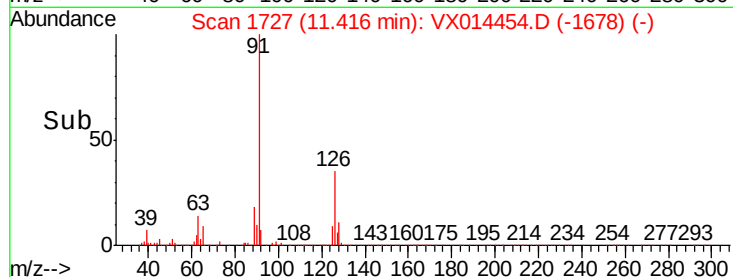
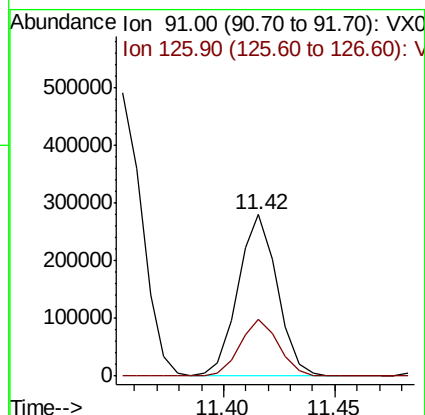
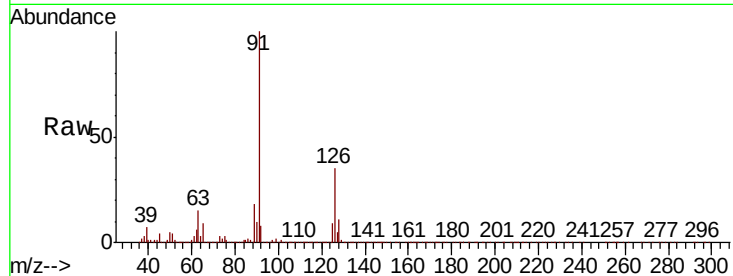




#79
 2-Chlorotoluene
 Concen: 19.084 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

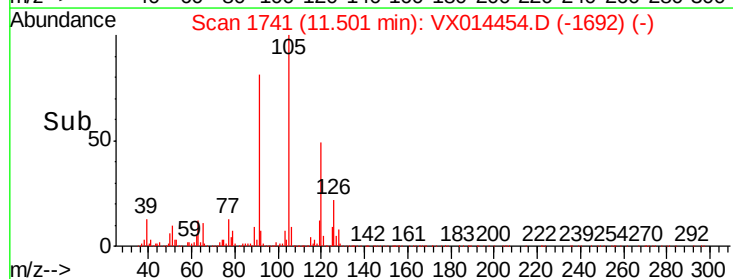
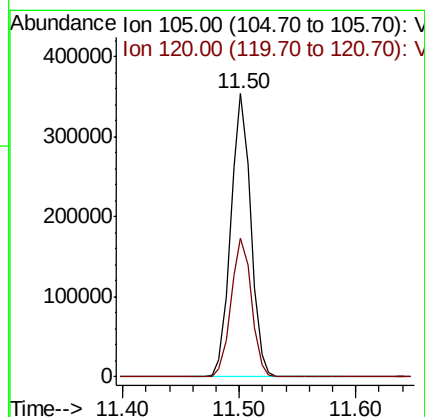
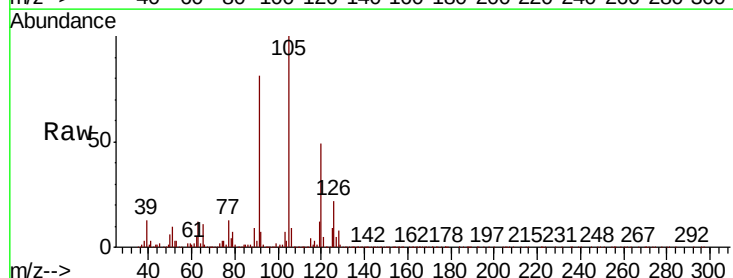
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

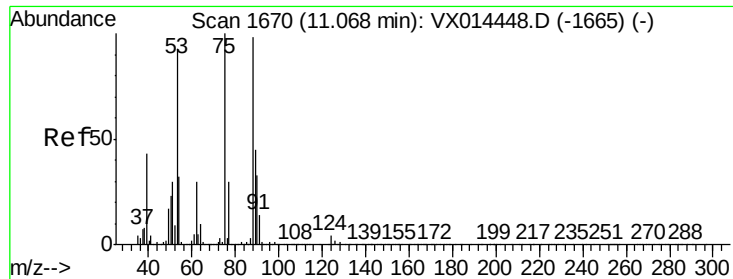
Tot Ion: 91 Resp: 341183
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.377 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion: 105 Resp: 421378
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.965 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0107WBSD01

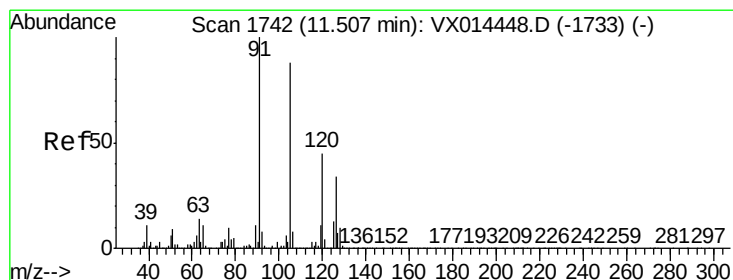
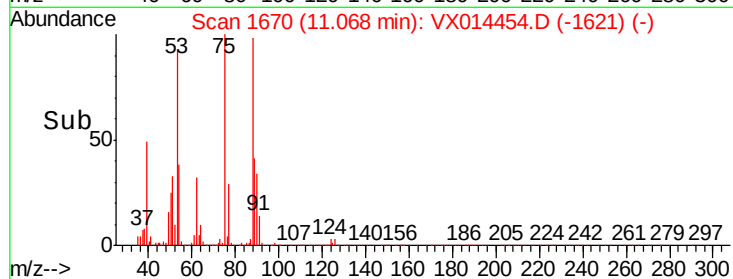
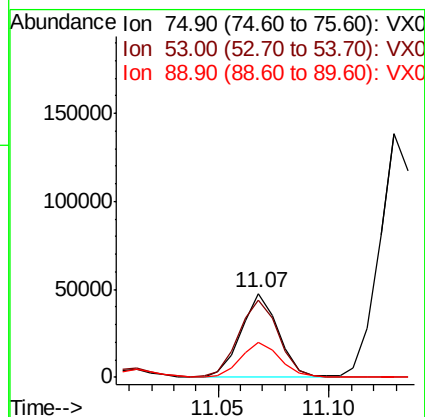
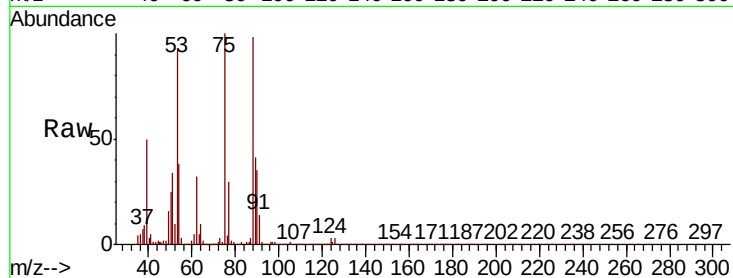
Tot Ion: 75 Resp: 55360

Ion Ratio Lower Upper

75 100

53 100.2 74.8 112.2

89 43.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.921 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014454.D

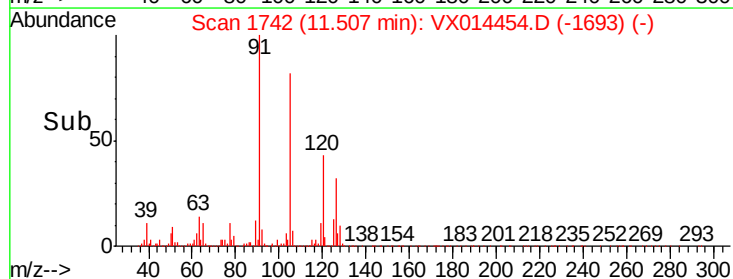
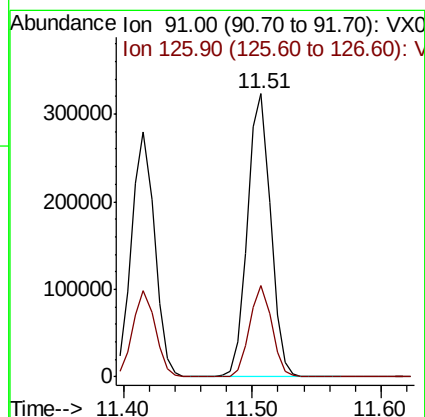
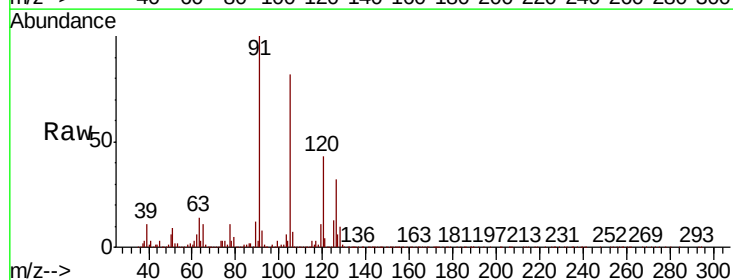
Acq: 07 Jan 2020 17:44

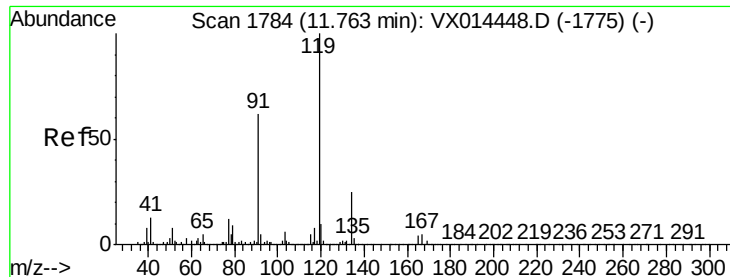
Tgt Ion: 91 Resp: 397077

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.7





#83

tert-Butylbenzene

Concen: 18.811 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

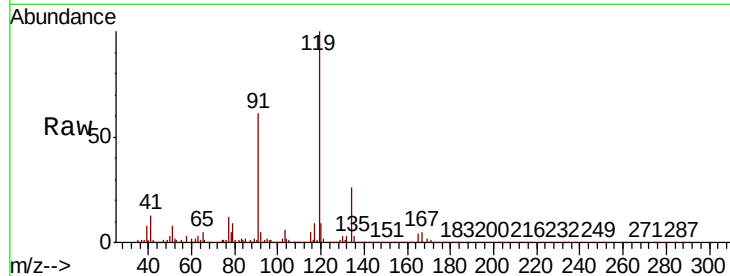
Tot Ion:119 Resp: 386522

Ion Ratio Lower Upper

119 100

91 58.9 29.3 88.0

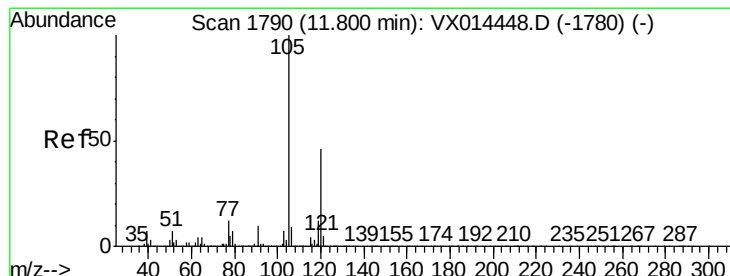
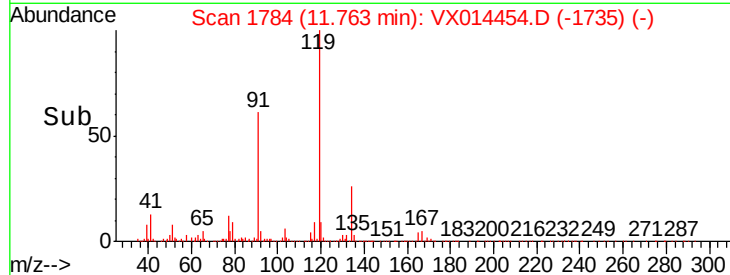
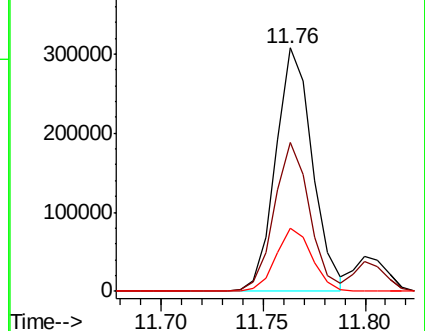
134 25.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.407 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014454.D

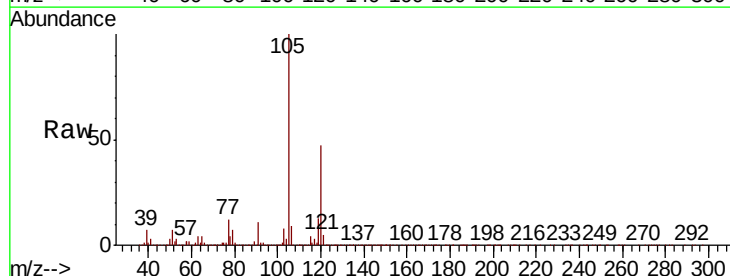
Acq: 07 Jan 2020 17:44

Tgt Ion:105 Resp: 426446

Ion Ratio Lower Upper

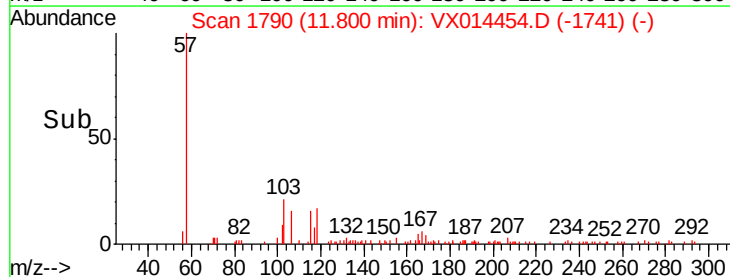
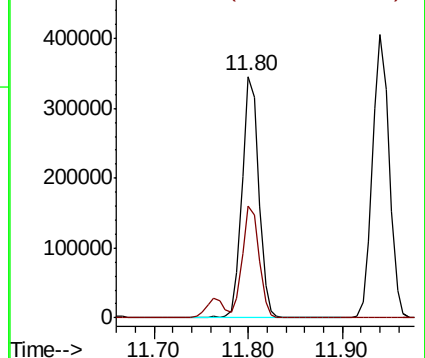
105 100

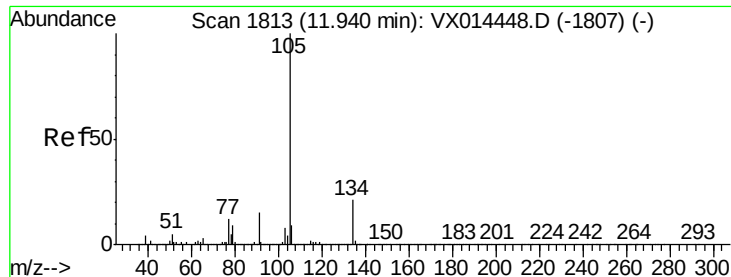
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.572 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

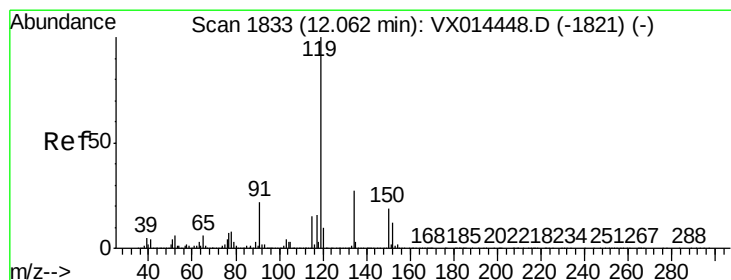
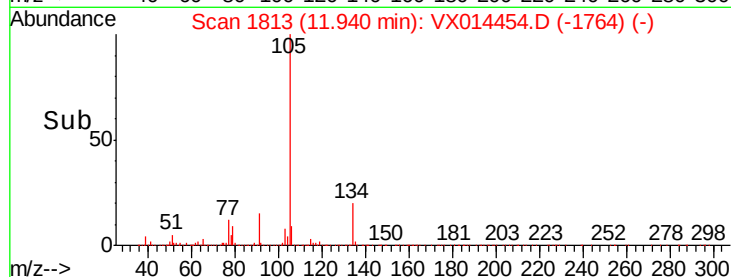
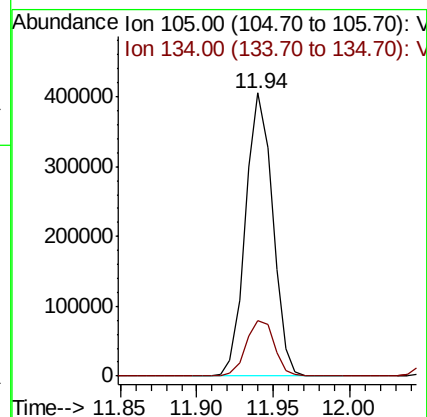
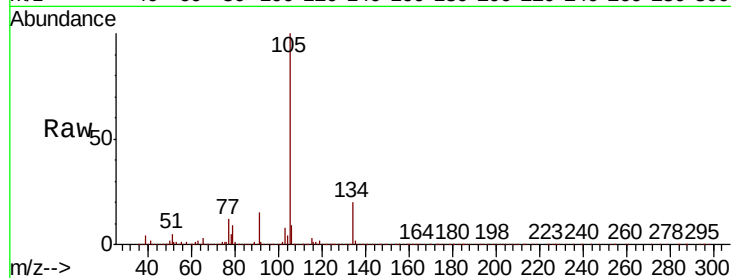
VX0107WBSD01

Tot Ion:105 Resp: 499945

Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.5



#86

p-Isopropyltoluene

Concen: 19.351 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

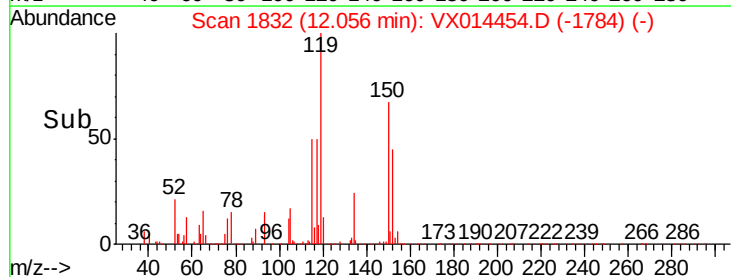
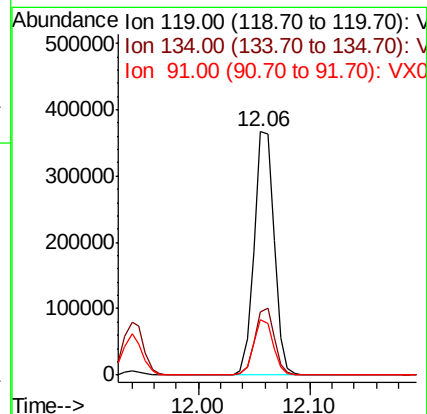
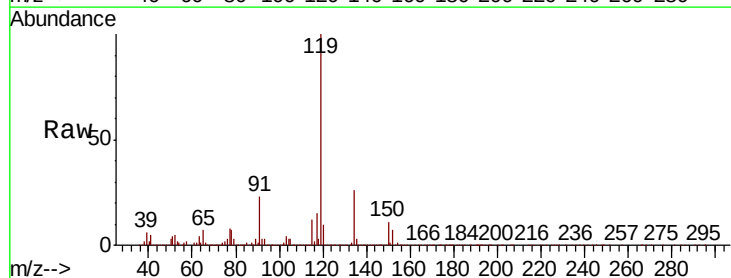
Tgt Ion:119 Resp: 458683

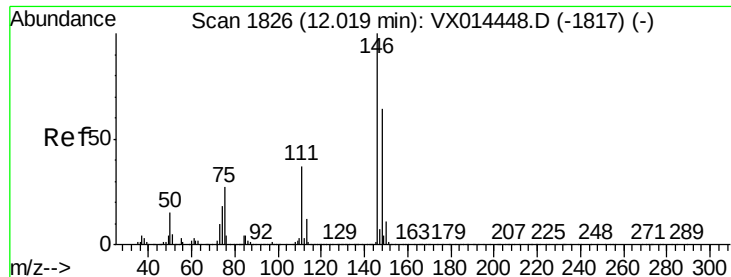
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.3 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.783 ug/l

RT: 12.02 min Scan# 1826

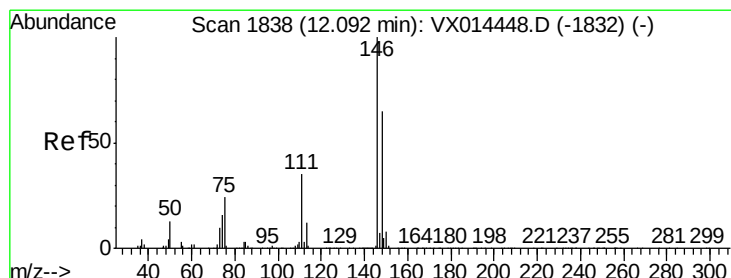
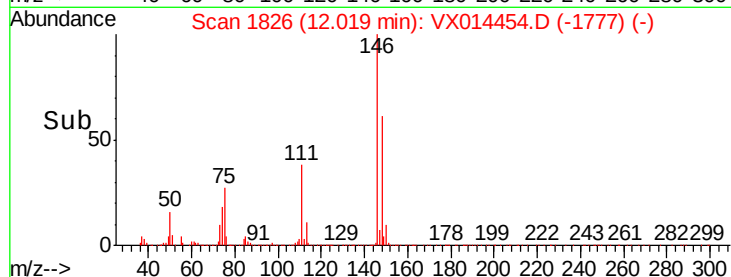
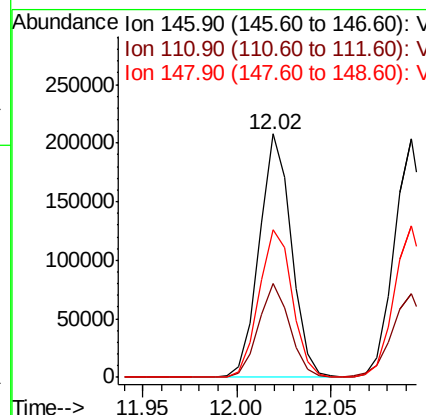
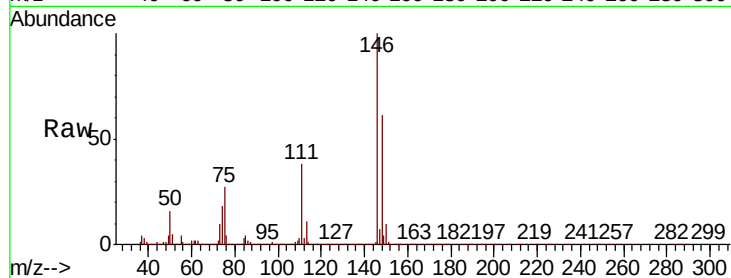
Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	63.0	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.774 ug/l

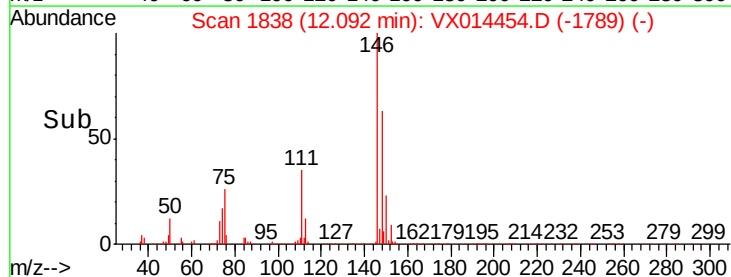
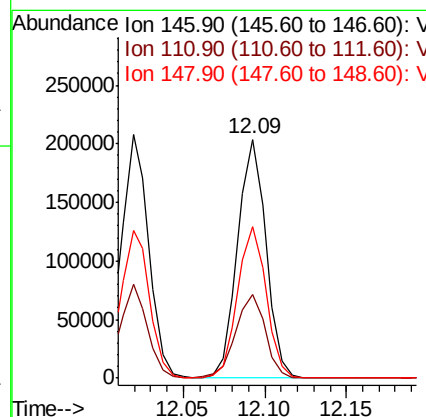
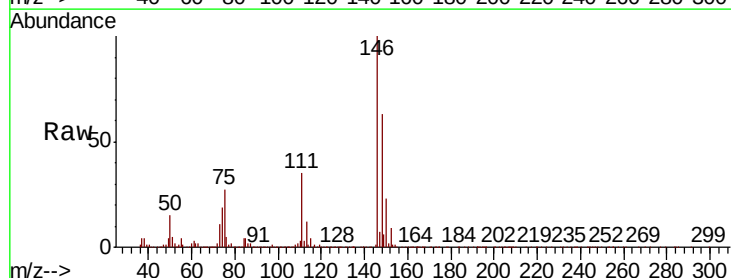
RT: 12.09 min Scan# 1838

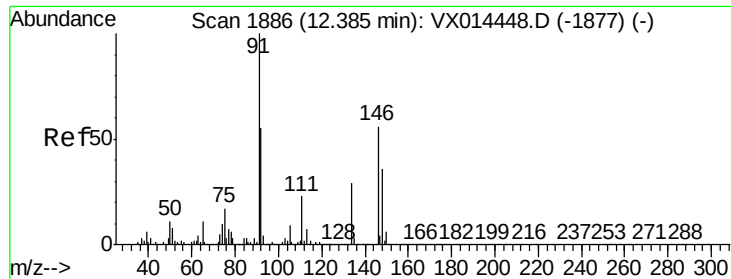
Delta R.T. 0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 18.806 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

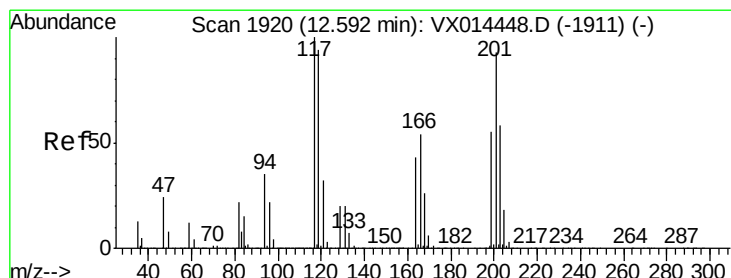
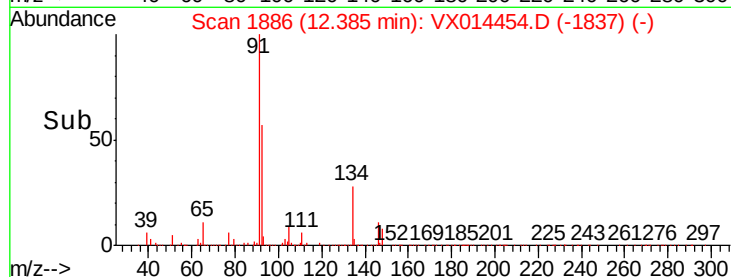
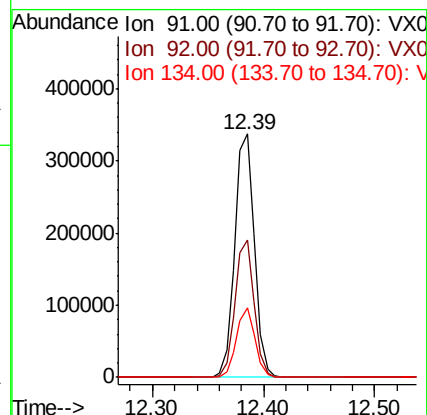
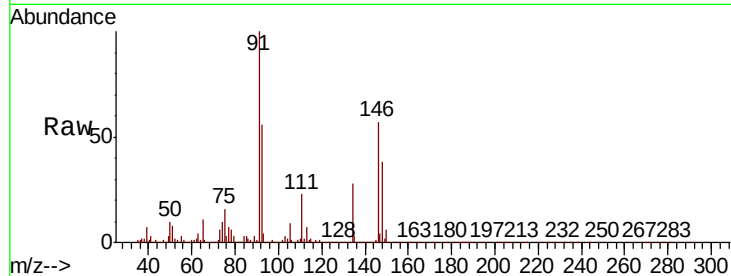
Tot Ion: 91 Resp: 407572

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.2

134 27.1 13.9 41.7



#90

Hexachloroethane

Concen: 18.475 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014454.D

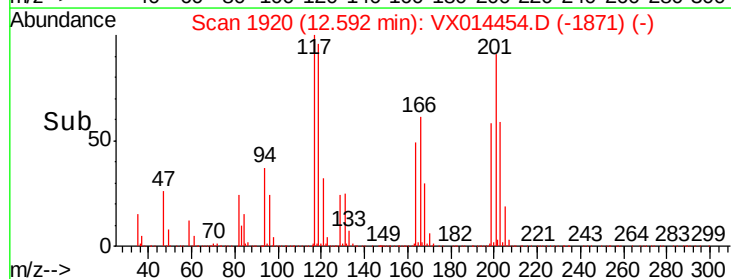
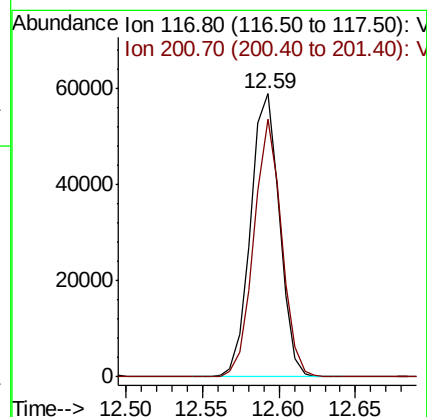
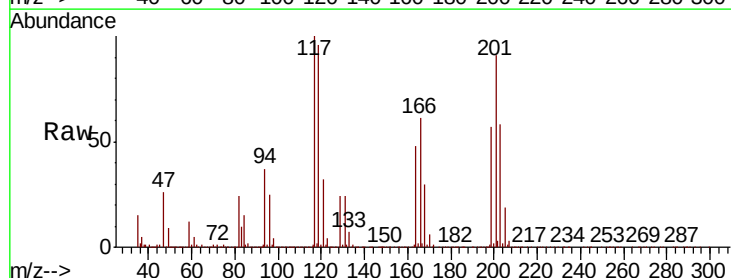
Acq: 07 Jan 2020 17:44

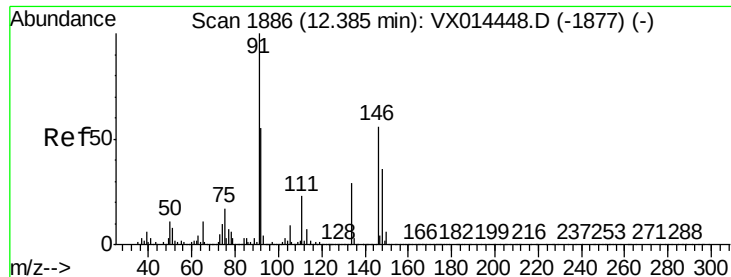
Tgt Ion: 117 Resp: 76921

Ion Ratio Lower Upper

117 100

201 87.6 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 18.603 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

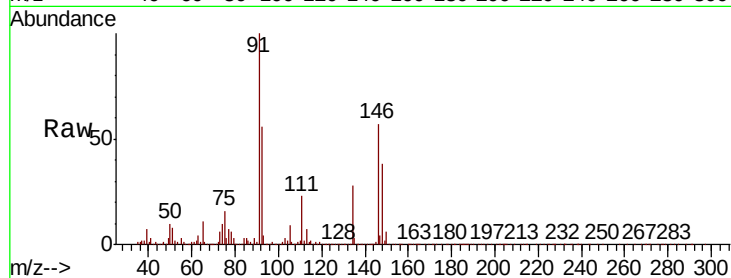
Tot Ion:146 Resp: 237607

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.4

148 63.6 32.3 96.8

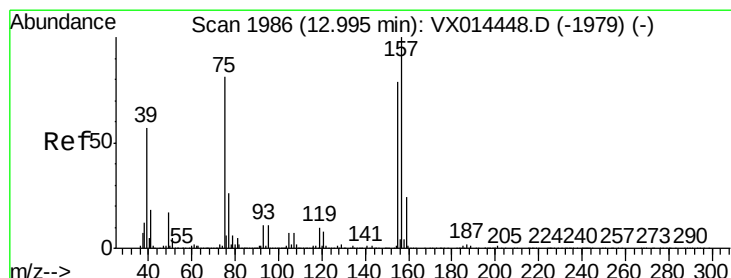
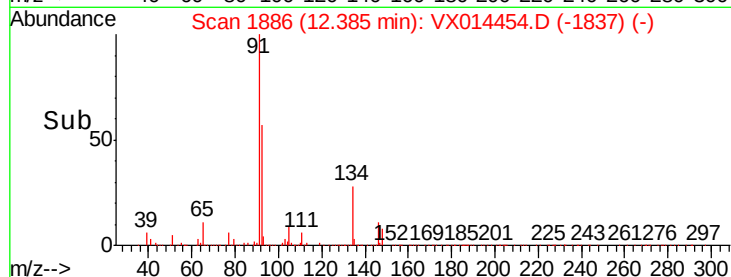
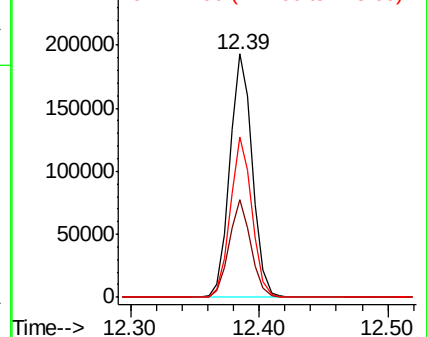


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.020 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

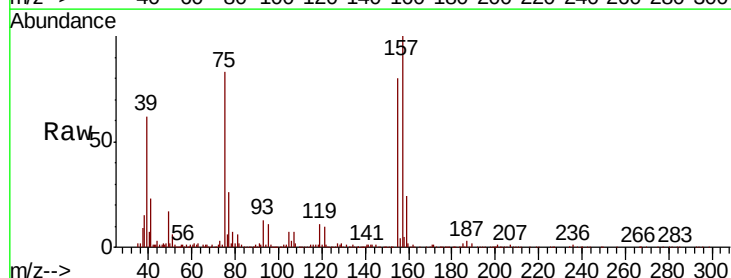
Tgt Ion: 75 Resp: 35938

Ion Ratio Lower Upper

75 100

155 99.4 48.7 146.1

157 122.9 62.0 185.9

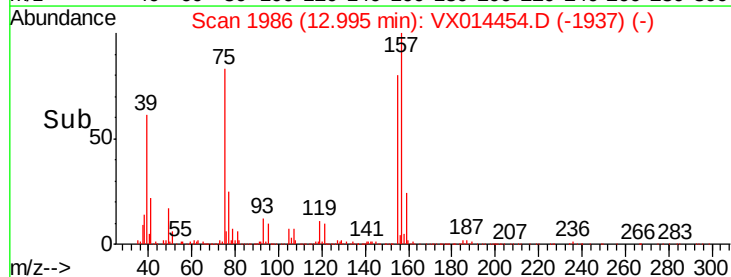
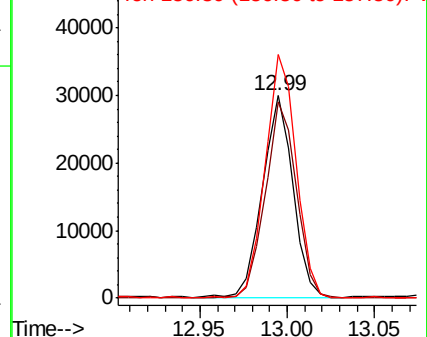


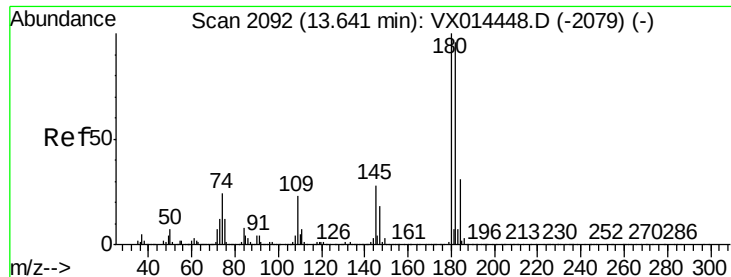
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

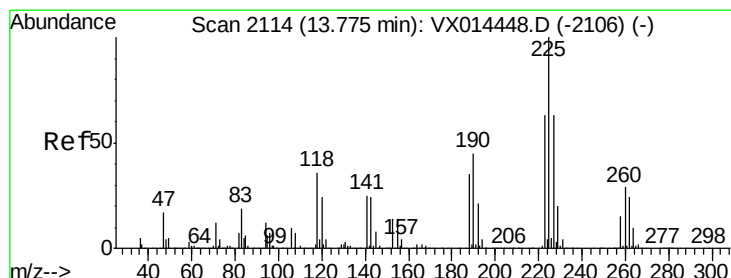
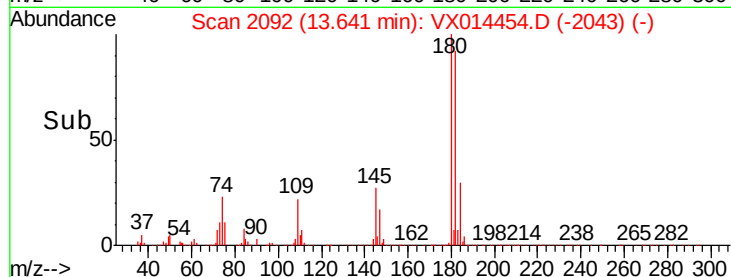
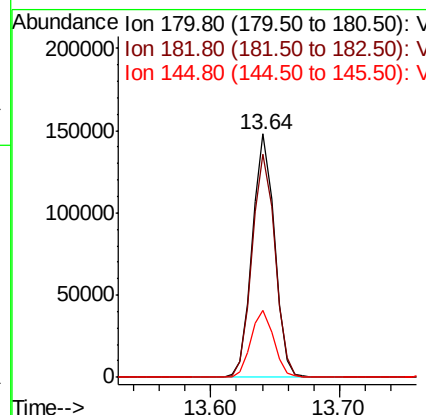
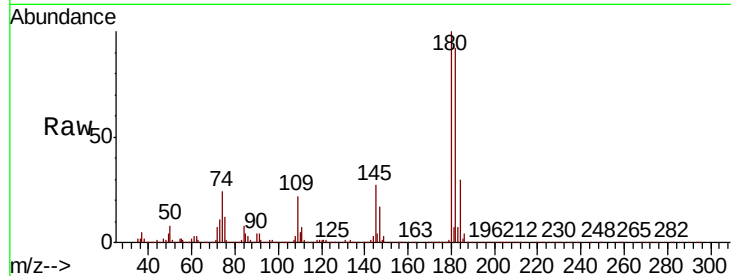




#93
 1,2,4-Trichlorobenzene
 Concen: 19.431 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

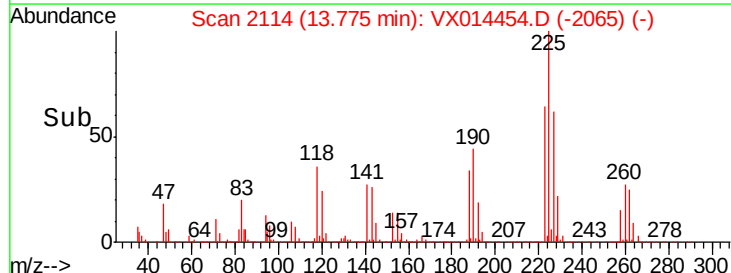
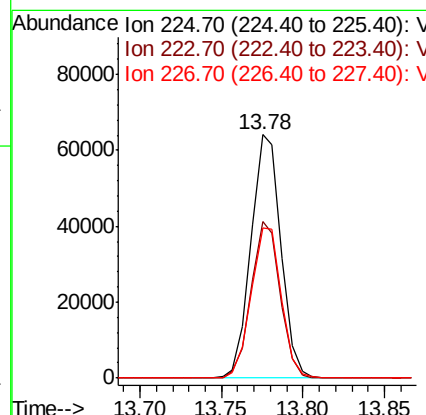
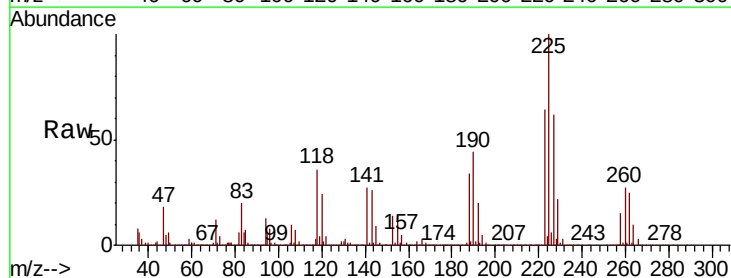
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

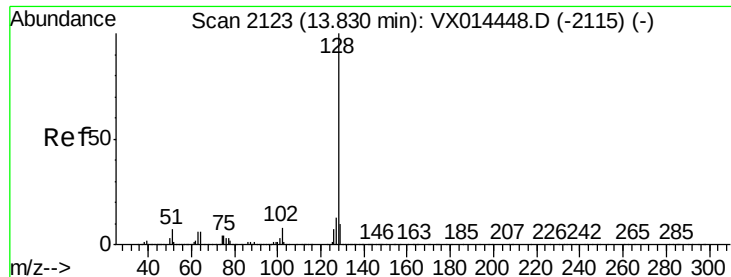
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.5
145	28.4	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.548 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.2
227	62.6	31.4	94.2

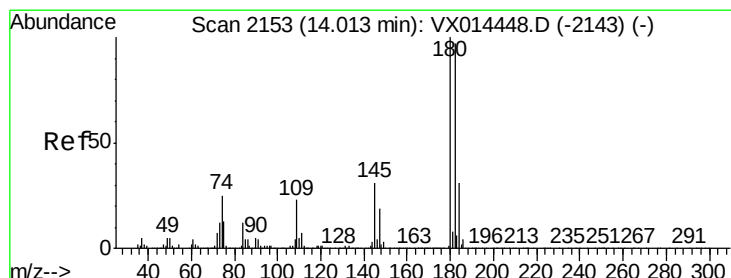
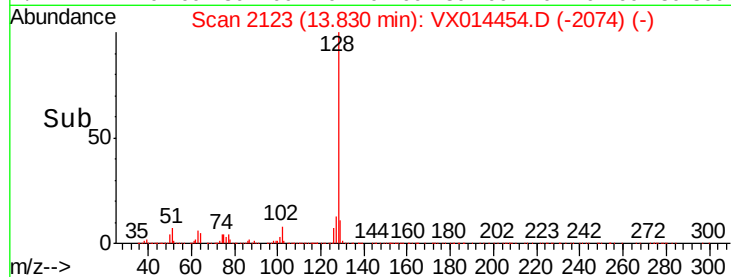
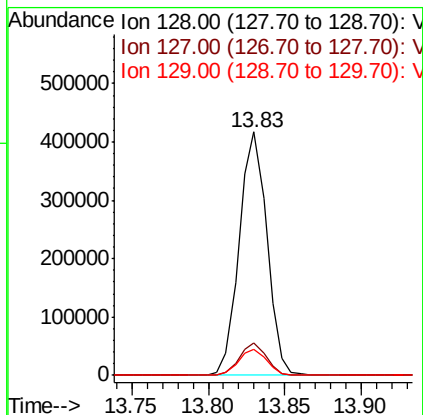
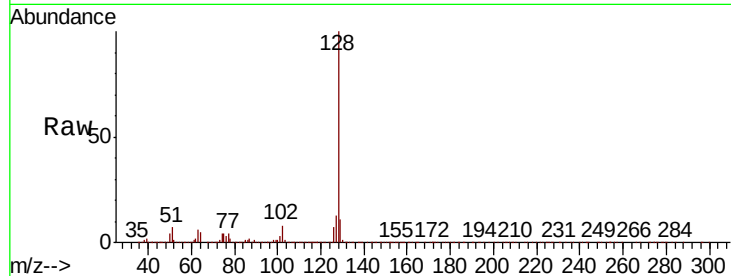




#95
Naphthalene
Concen: 18.781 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tot Ion:128 Resp: 522546
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.650 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion:180 Resp: 174313
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.6
145 29.7 14.8 44.3

