

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 :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	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

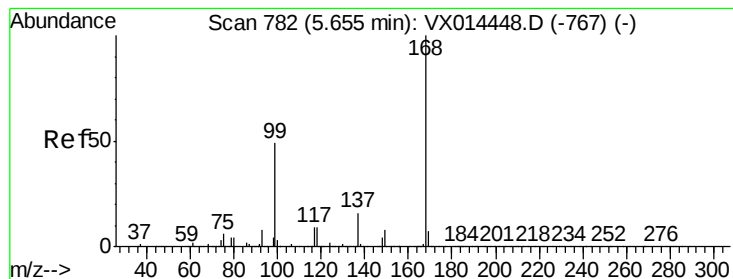
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	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

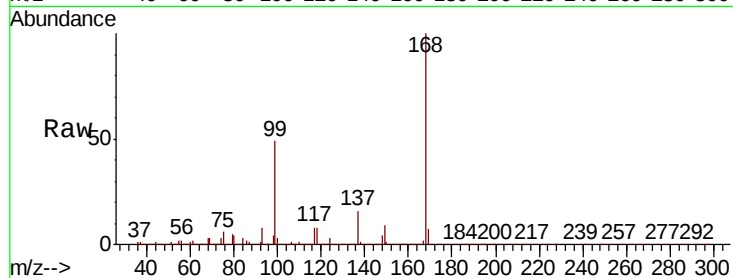
ClientSampleId :

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

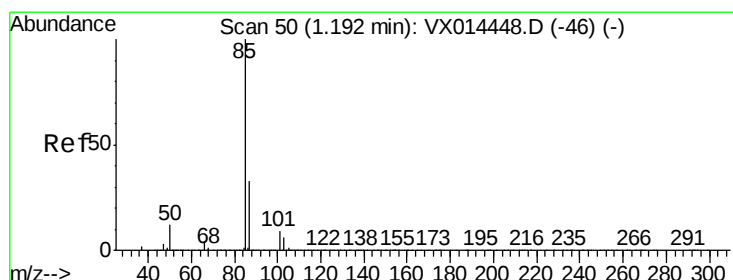
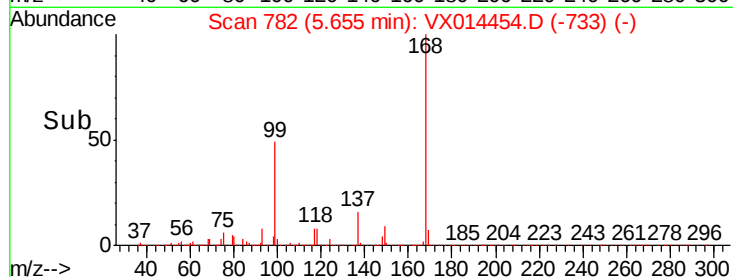
100000

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

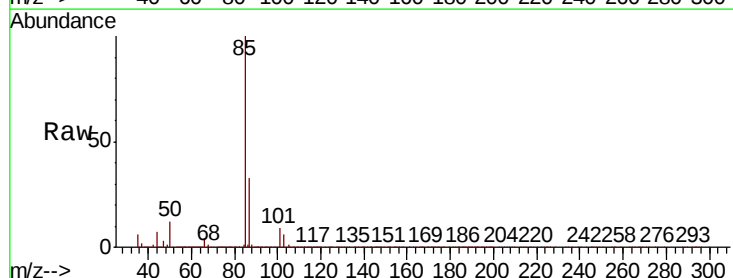
Acq: 07 Jan 2020 17:44

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

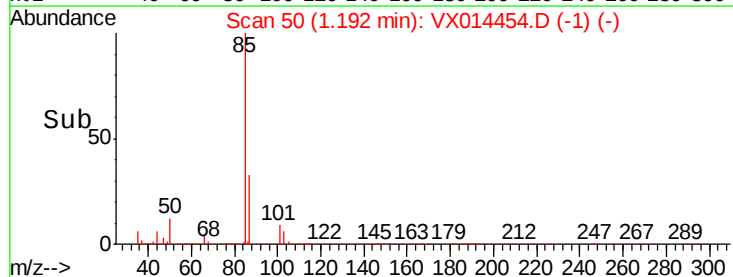
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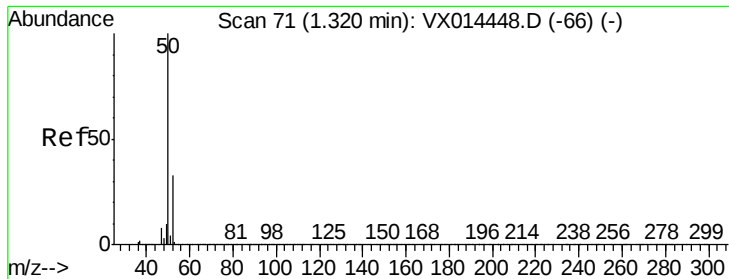
50000

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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

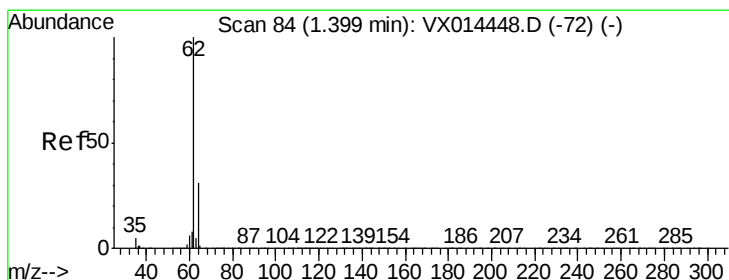
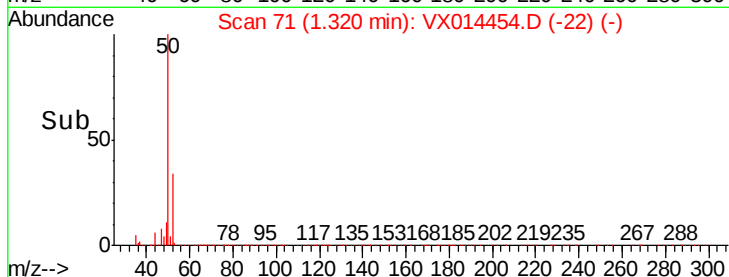
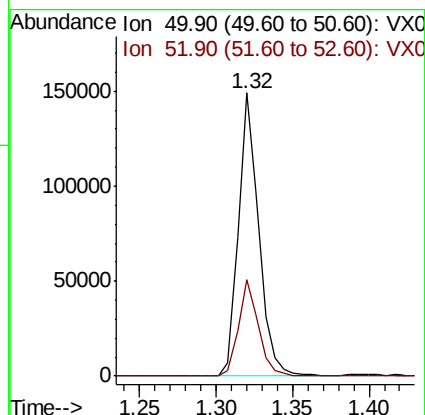
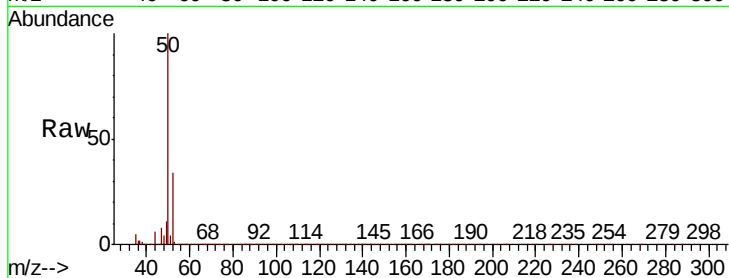
Instrument :
MSVOA_X
ClientSampleId :

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

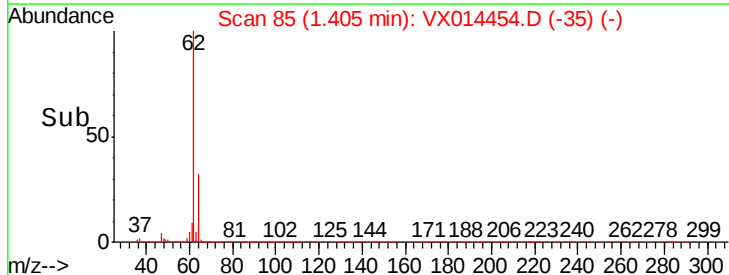
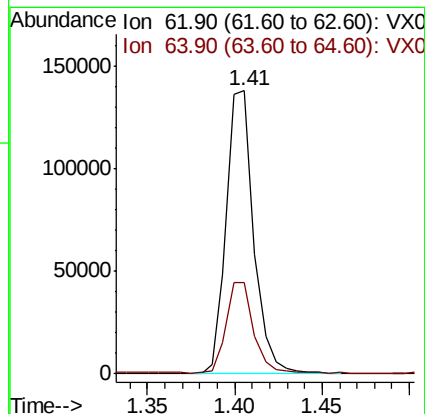
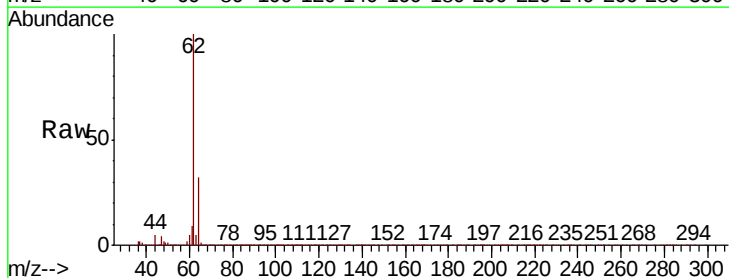
Acq: 07 Jan 2020 17:44

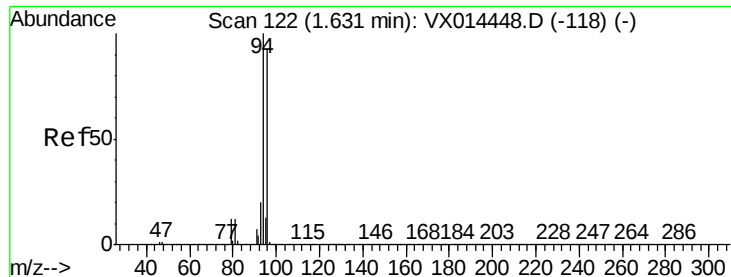
Tgt Ion: 62 Resp: 151307

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

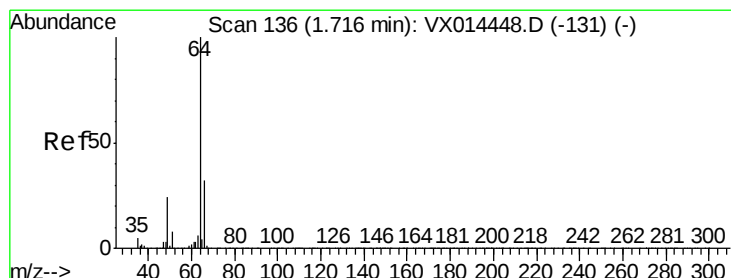
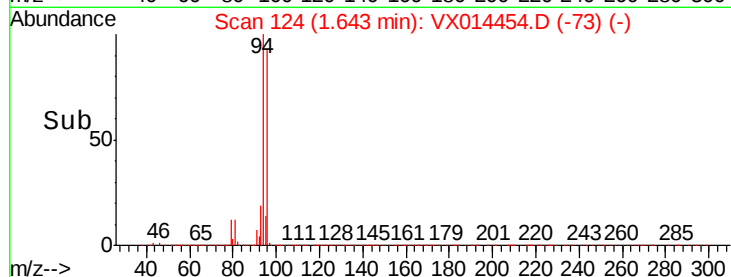
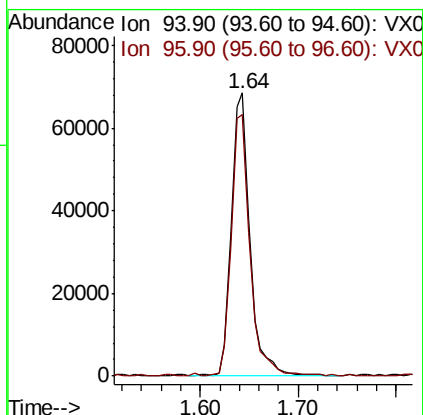
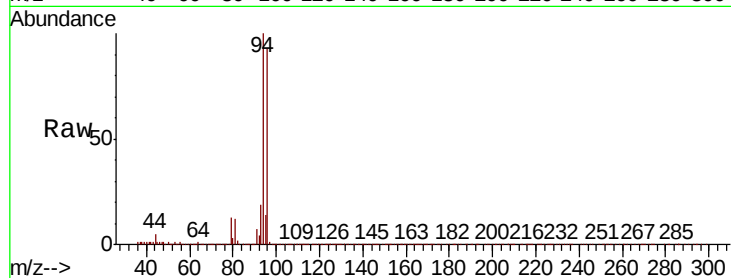
Instrument :
MSVOA_X
ClientSampleId :

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

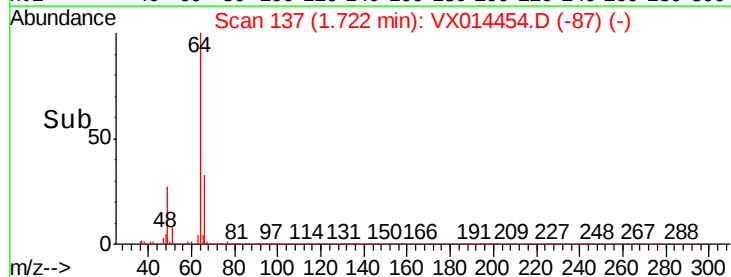
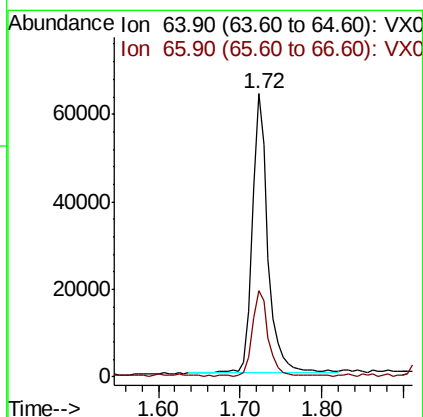
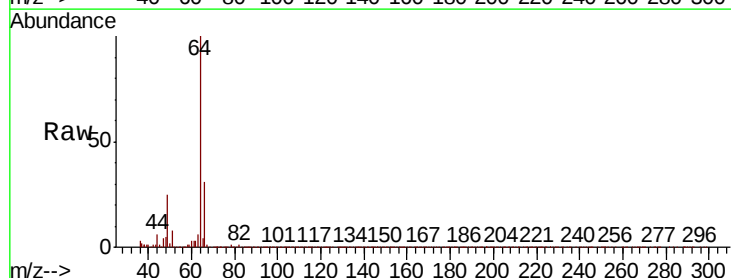
Acq: 07 Jan 2020 17:44

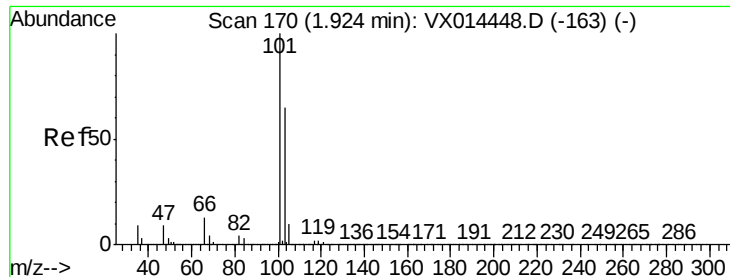
Tgt Ion: 64 Resp: 86379

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9



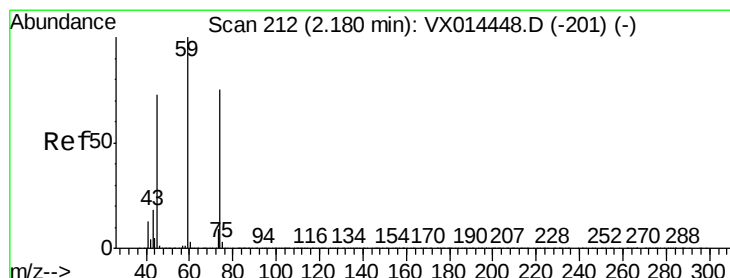
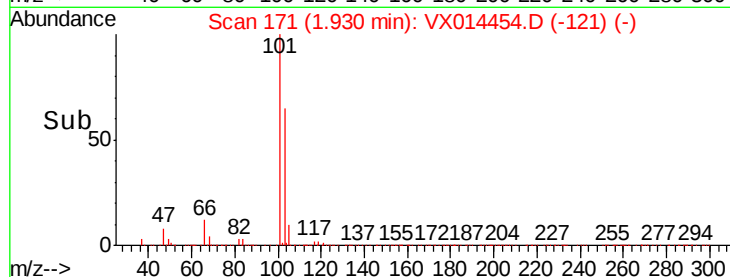
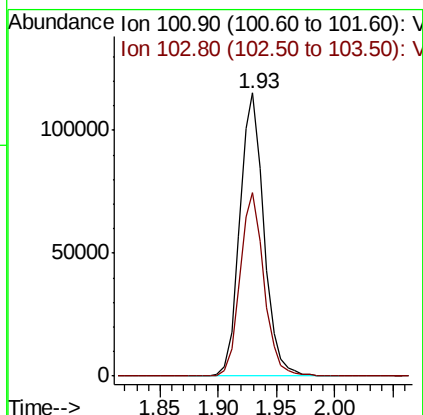
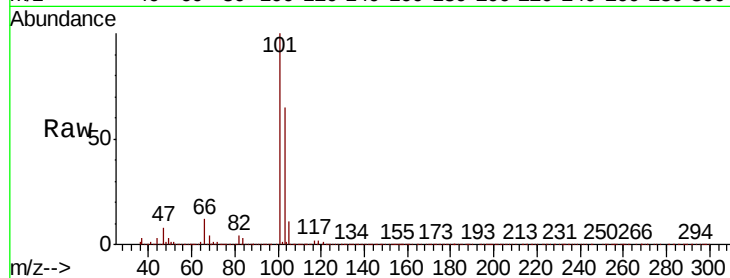


#7

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 :

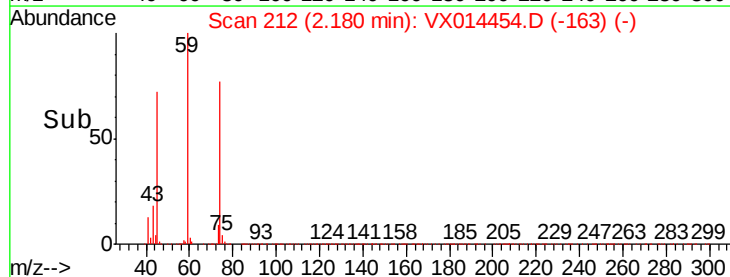
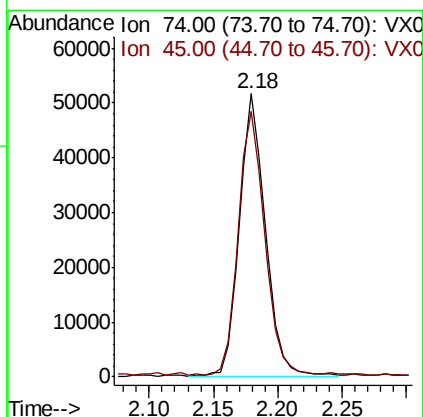
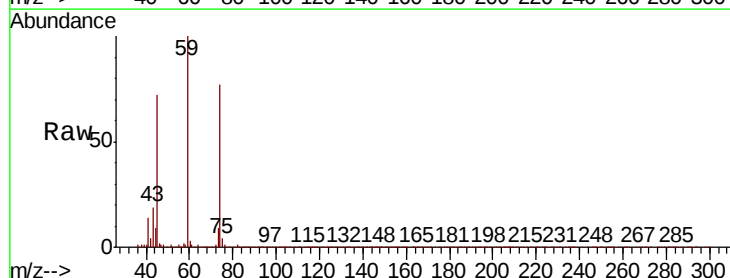
Tot Ion:101 Resp: 166131
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

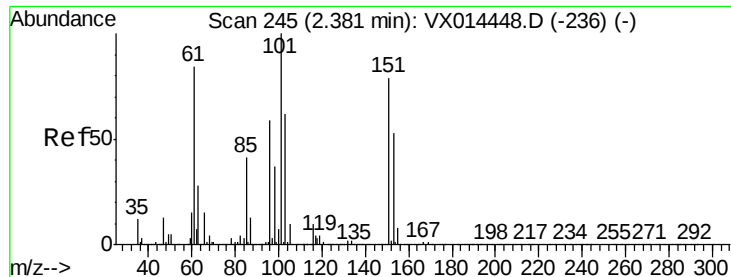


#8

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 :

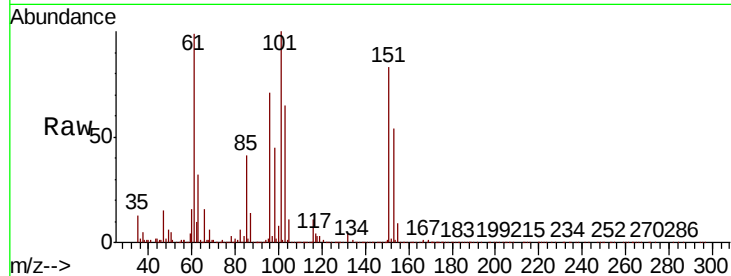
Tot Ion:101 Resp: 96897

Ion Ratio Lower Upper

101 100

85 41.8 33.8 50.8

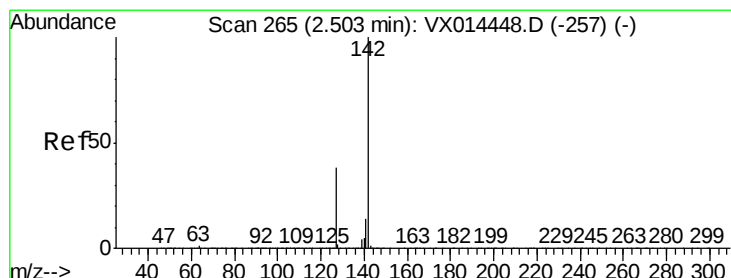
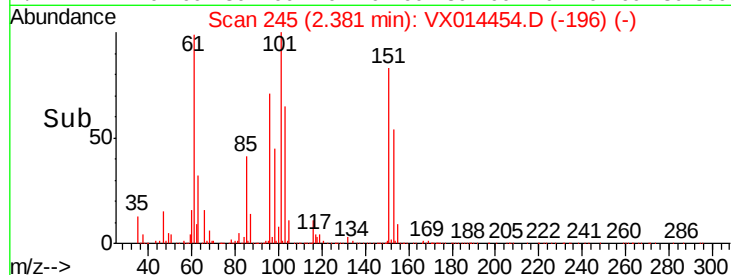
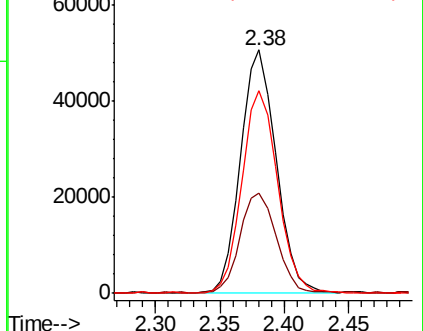
151 83.5 65.3 97.9



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

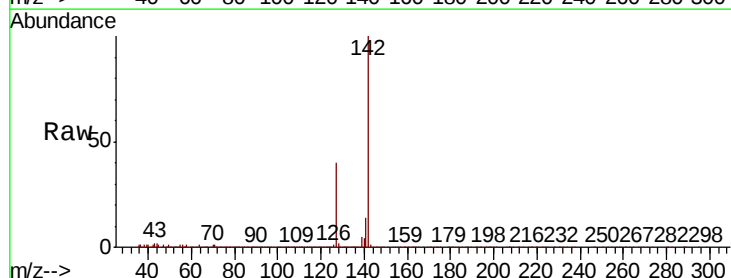
Tgt Ion:142 Resp: 95006

Ion Ratio Lower Upper

142 100

127 39.2 31.2 46.8

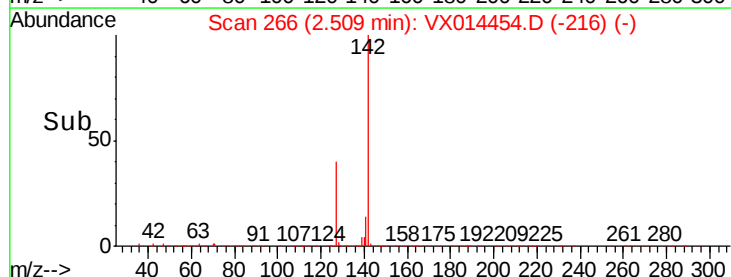
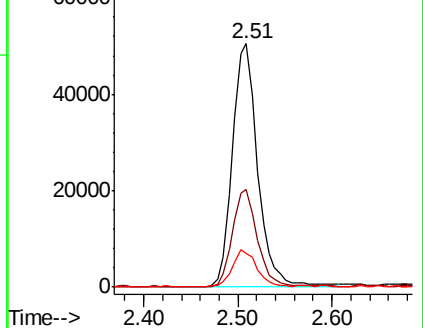
141 14.8 11.4 17.2

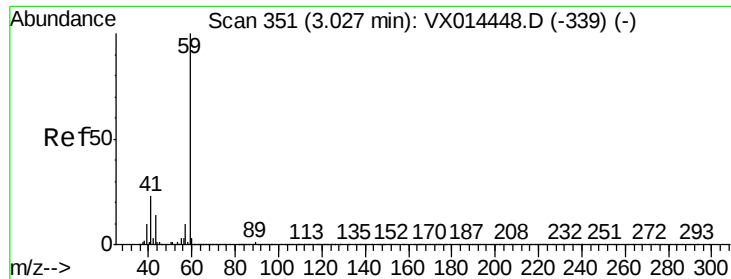


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



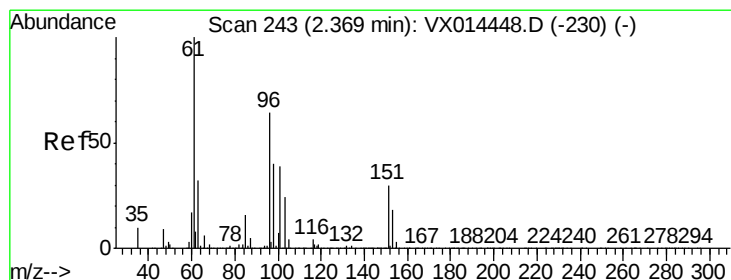
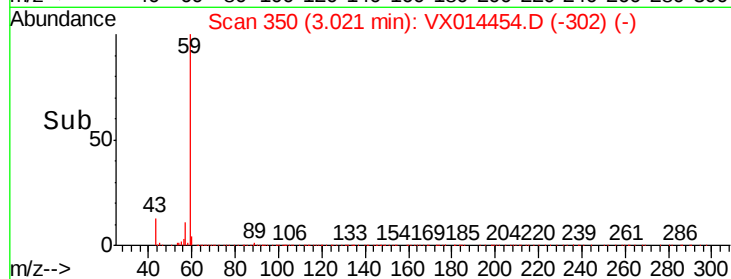
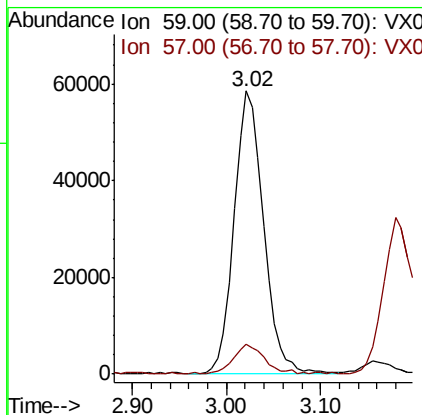
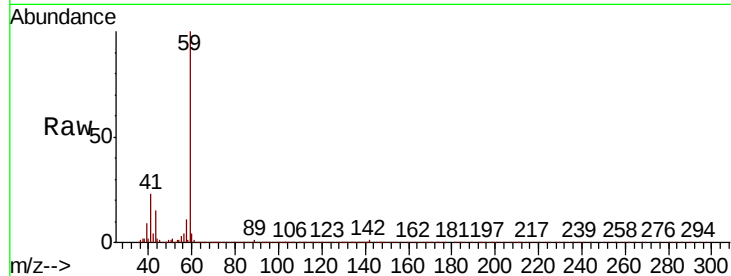


#11

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 :

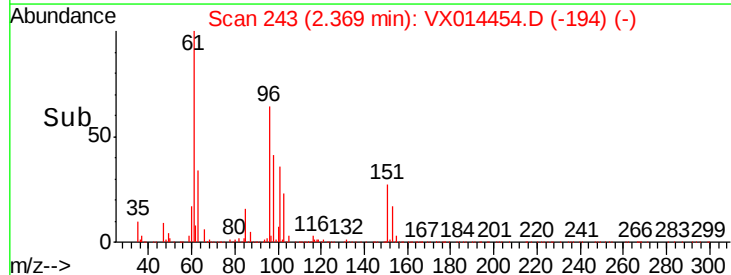
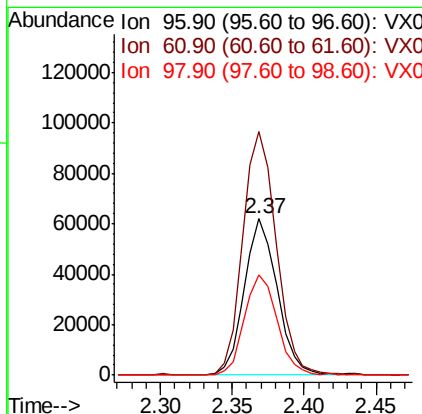
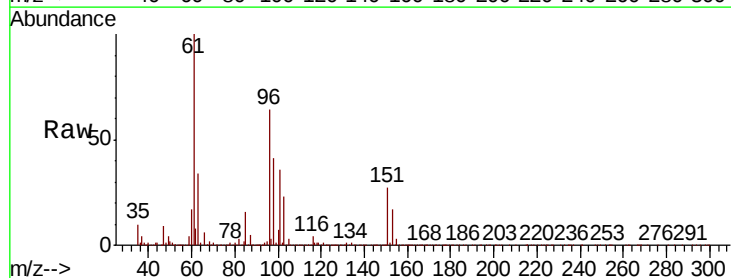
Tot Ion: 59 Resp: 127009
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

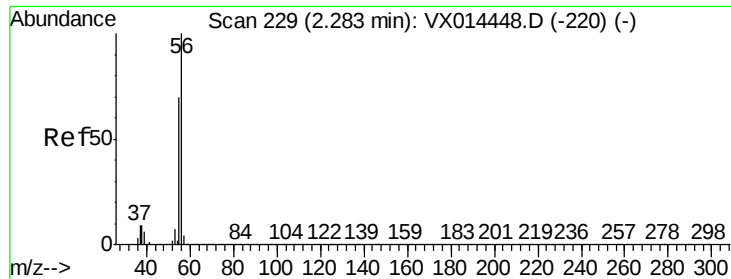


#12

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

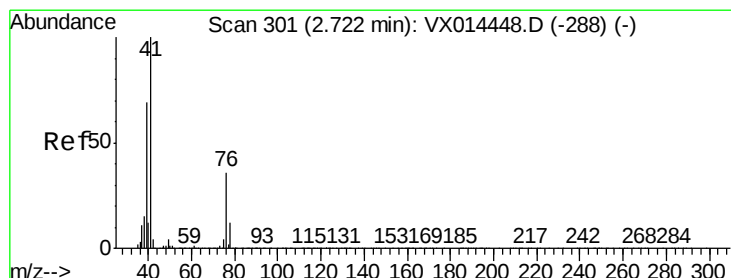
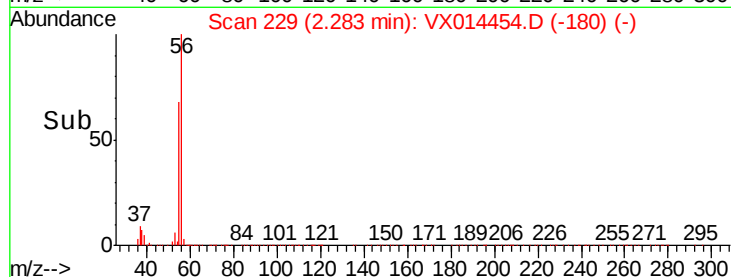
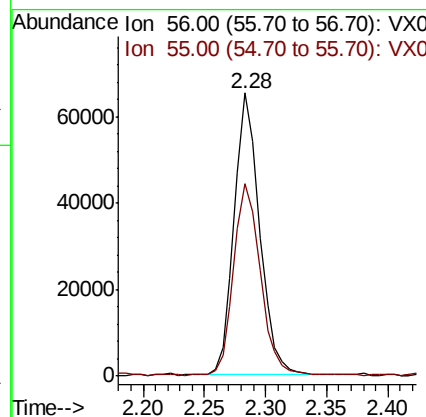
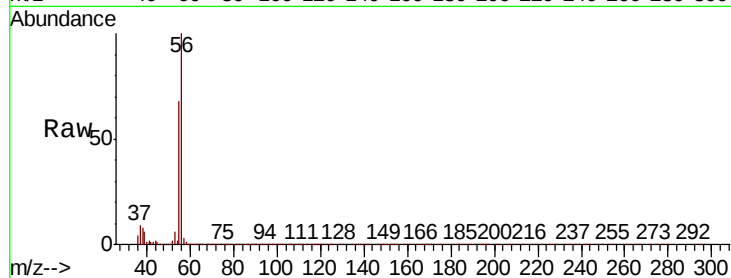




#13
Acrolein
Concen: 93.980 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

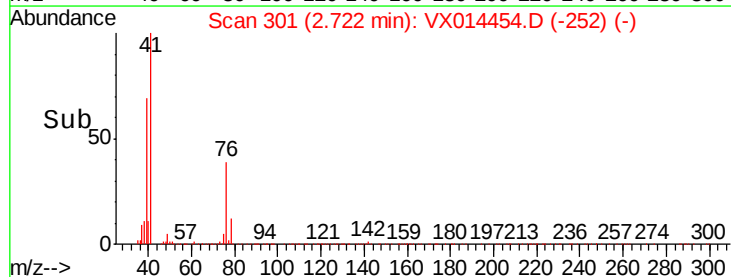
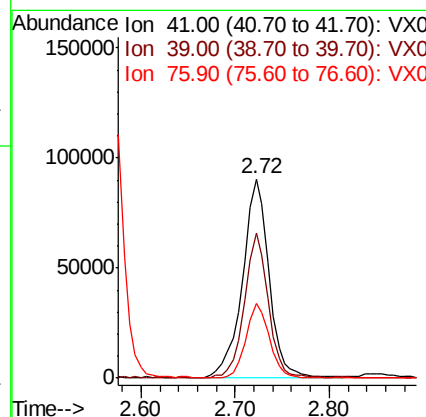
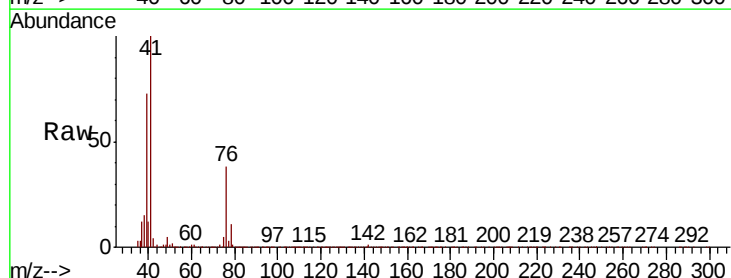
Instrument :
MSVOA_X
ClientSampleId :

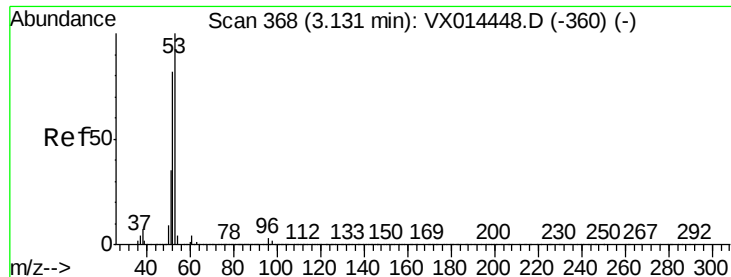
Tot Ion: 56 Resp: 93585
Ion Ratio Lower Upper
56 100
55 71.7 55.0 82.6



#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 :

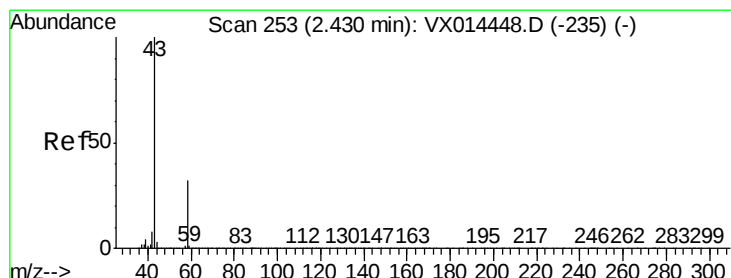
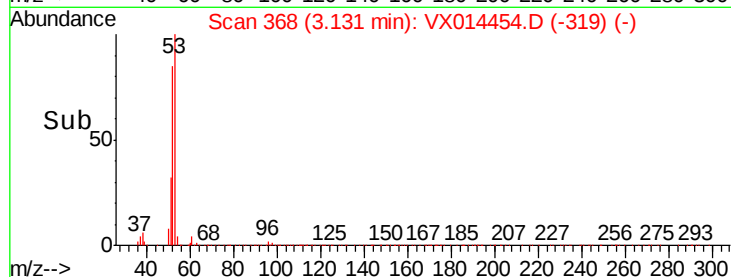
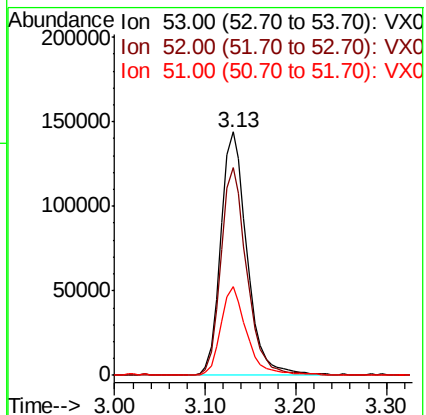
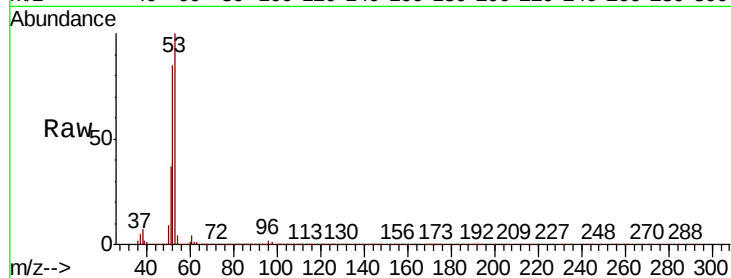
Tot Ion: 53 Resp: 288883

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

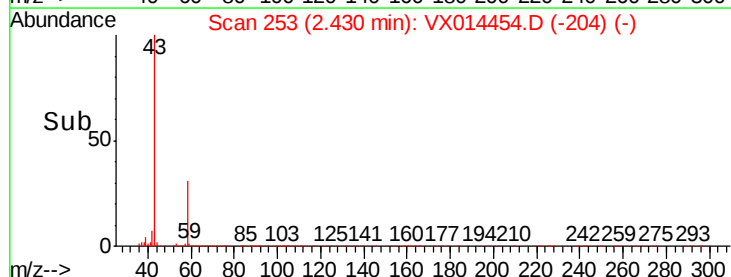
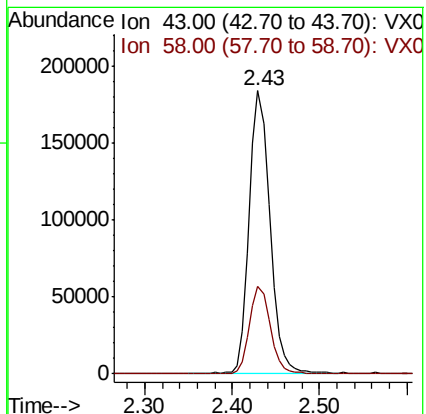
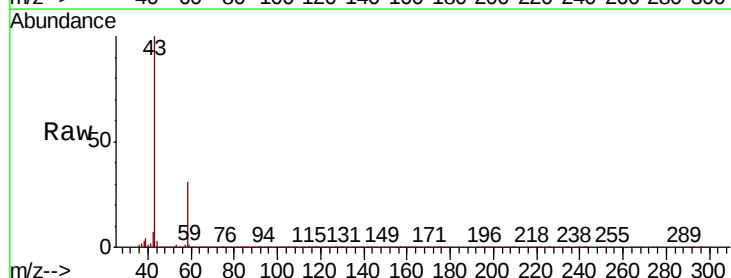
Acq: 07 Jan 2020 17:44

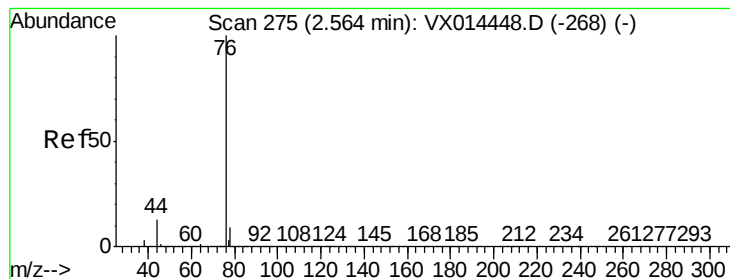
Tgt Ion: 43 Resp: 302212

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

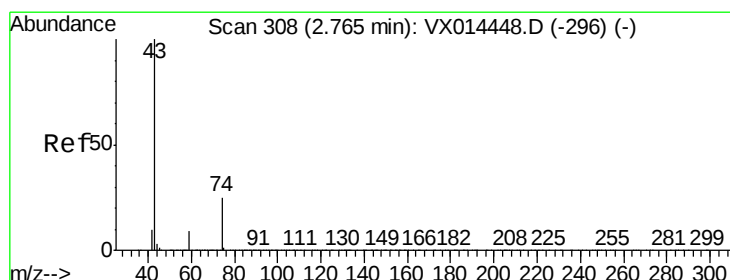
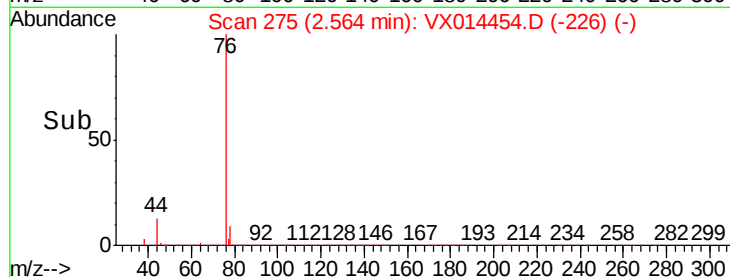
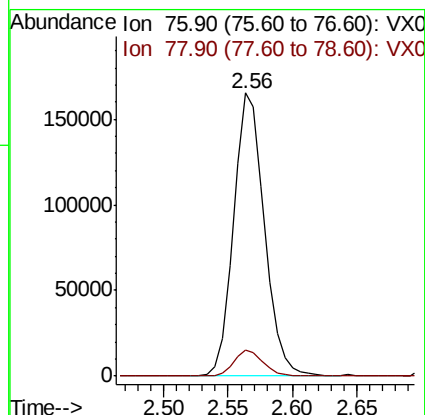
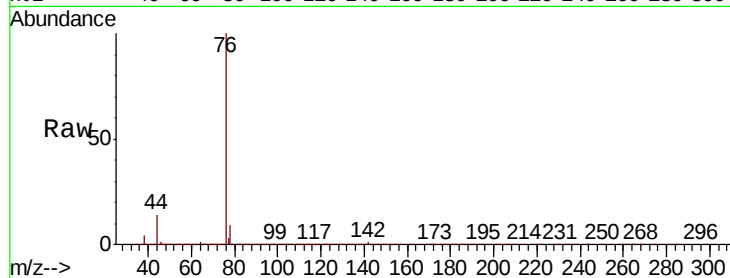
ClientSampleId :

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

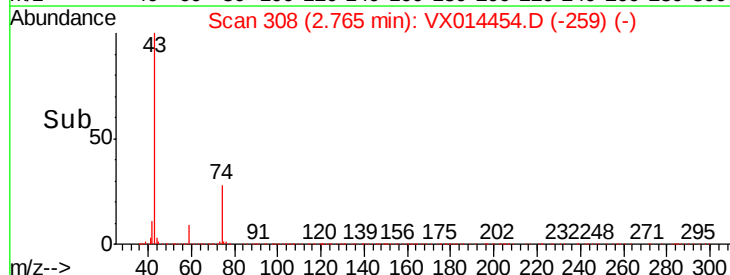
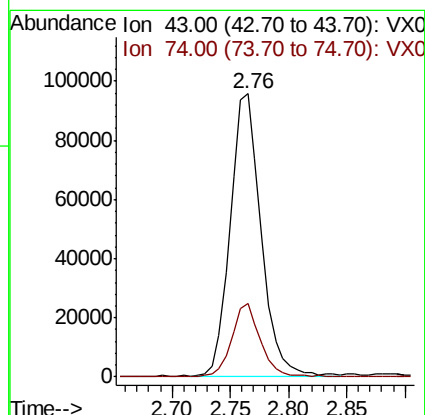
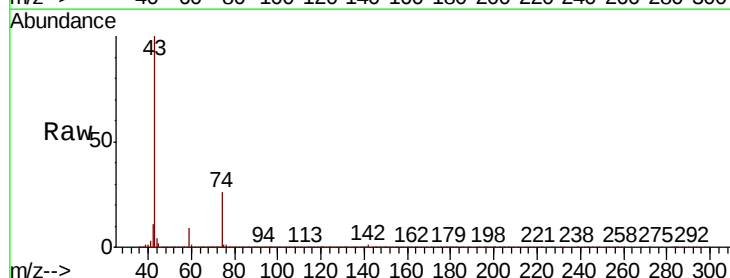
Acq: 07 Jan 2020 17:44

Tgt Ion: 43 Resp: 174984

Ion Ratio Lower Upper

43 100

74 25.2 19.4 29.2

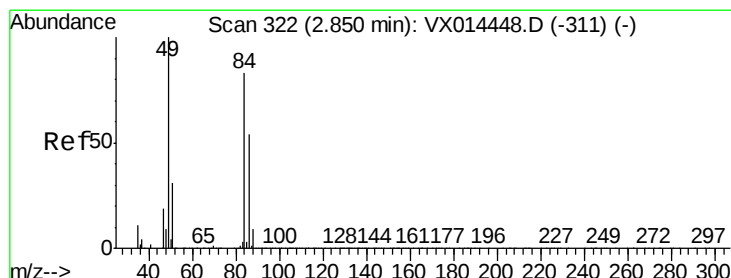
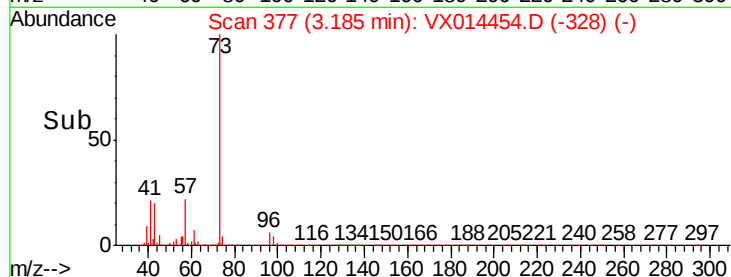
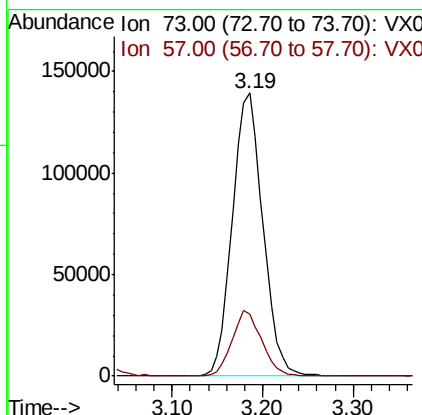
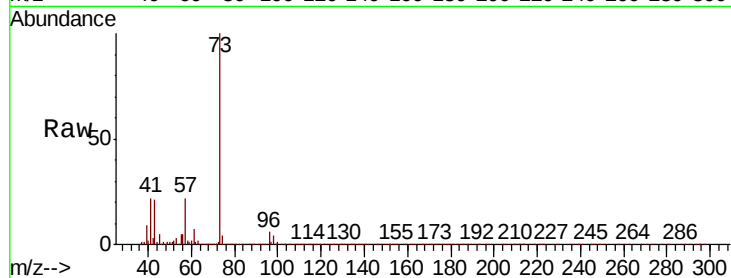




#19
Methyl tert-butyl Ether
Concen: 19.285 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

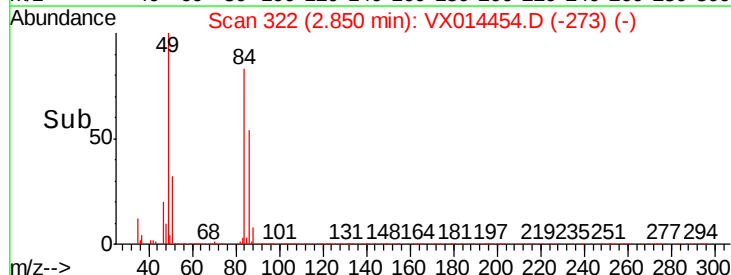
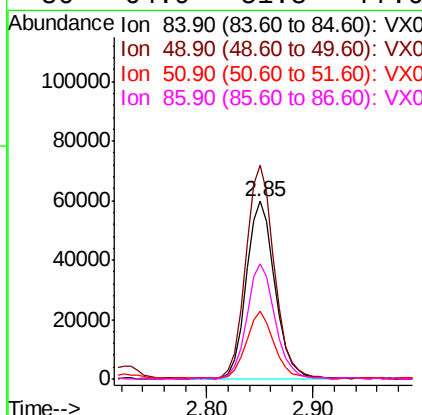
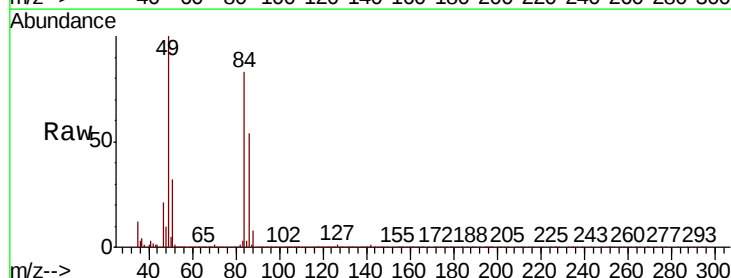
Instrument :
MSVOA_X
ClientSampleId :

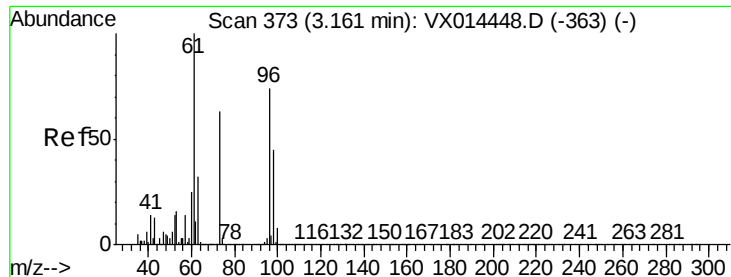
Tot Ion: 73 Resp: 325888
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#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 :

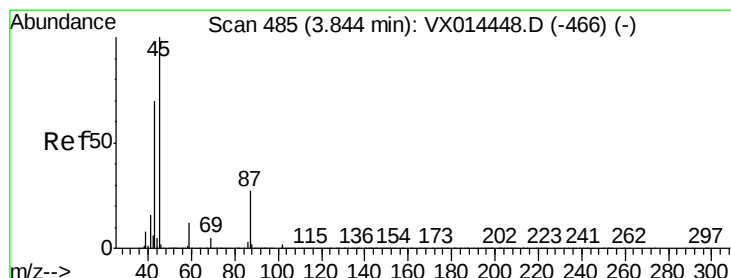
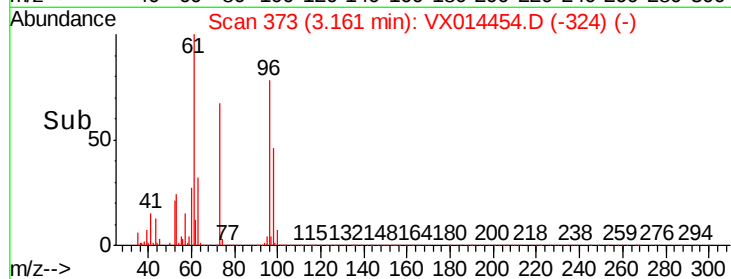
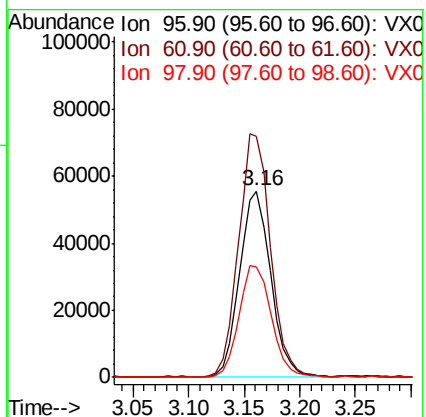
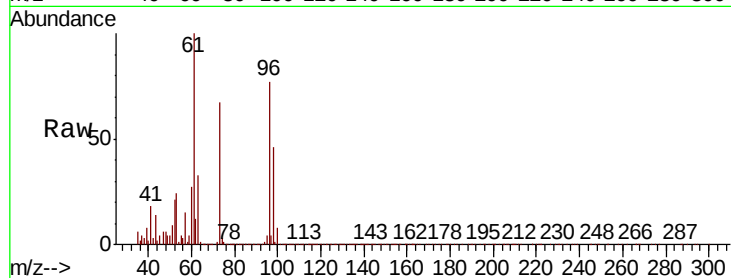
Tot Ion: 96 Resp: 107775

Ion Ratio Lower Upper

96 100

61 129.4 108.2 162.4

98 59.3 48.8 73.2



#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

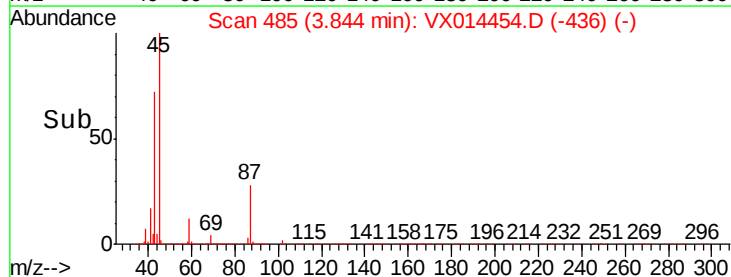
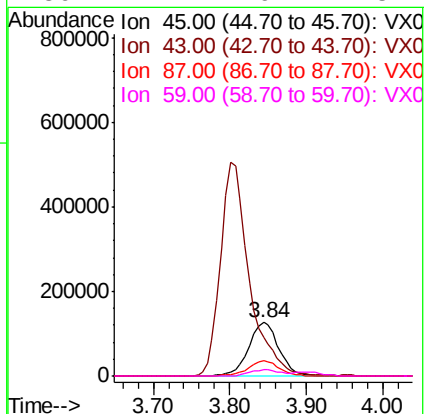
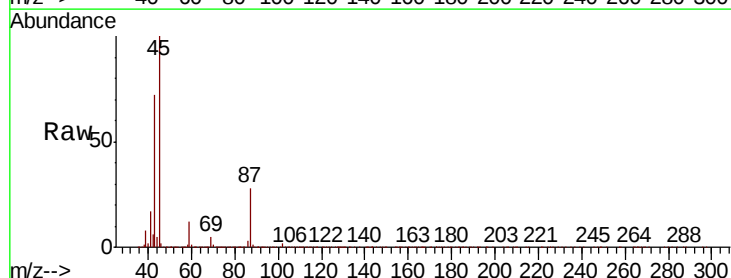
Ion Ratio Lower Upper

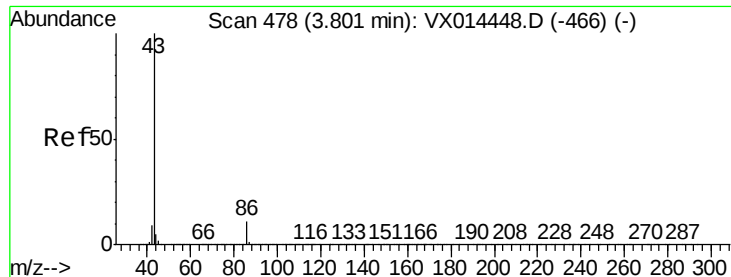
45 100

43 71.3 55.8 83.6

87 27.5 21.8 32.8

59 12.1 9.1 13.7





#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

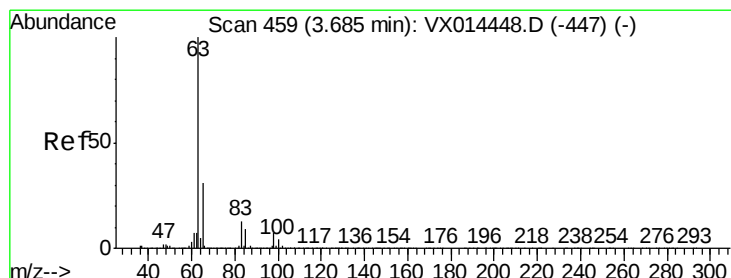
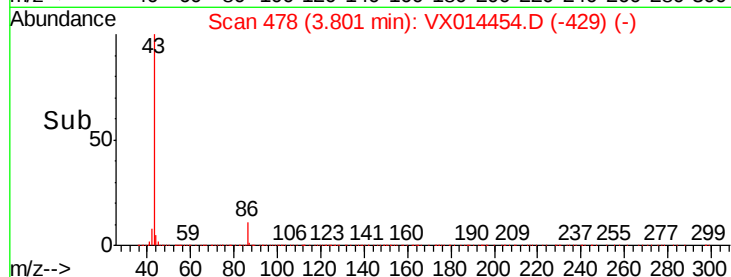
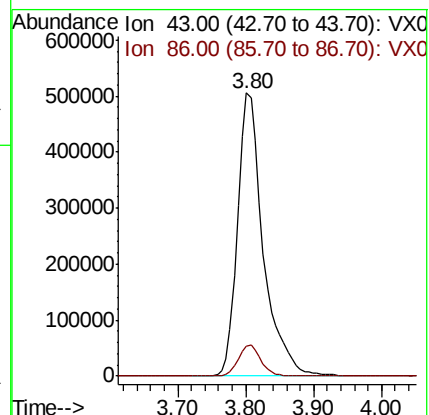
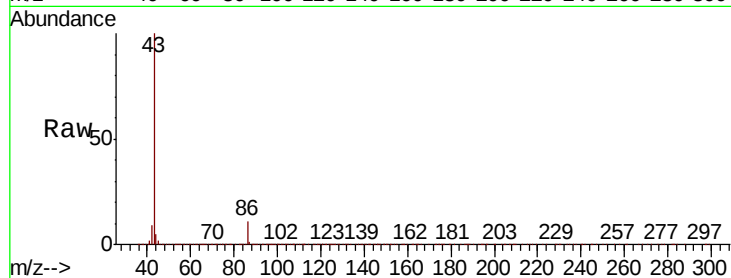
Instrument :
MSVOA_X
ClientSampleId :

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

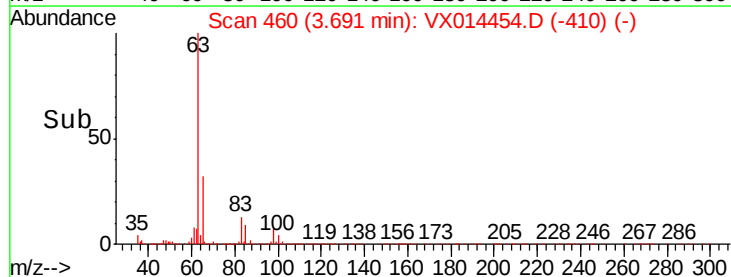
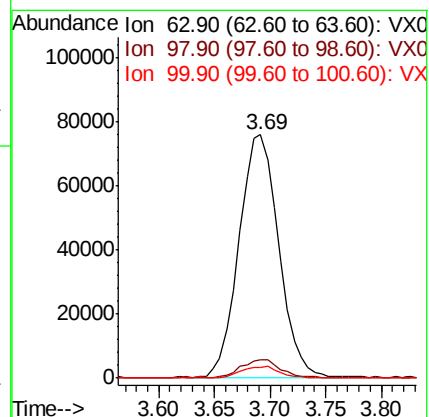
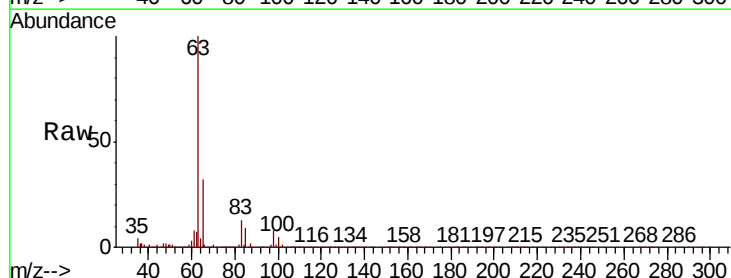
Tgt Ion: 63 Resp: 188369

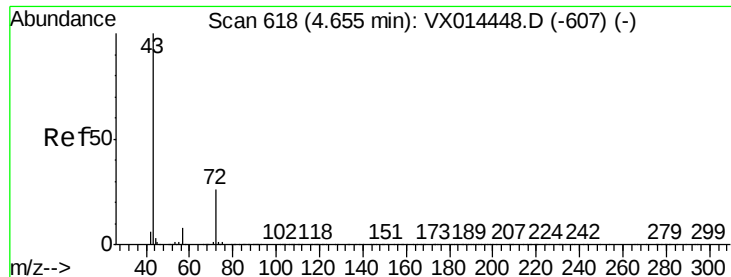
Ion Ratio Lower Upper

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

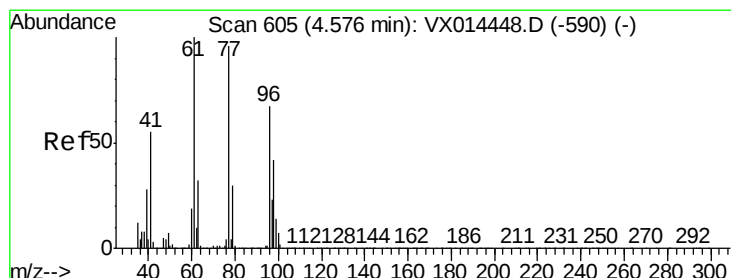
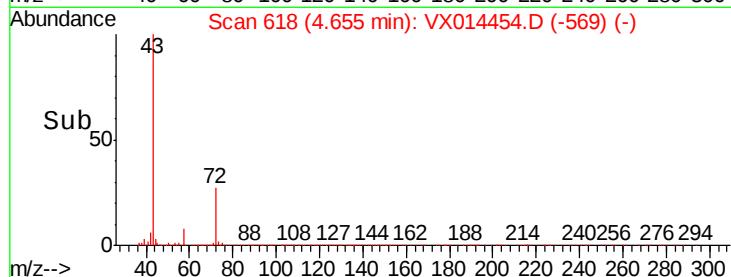
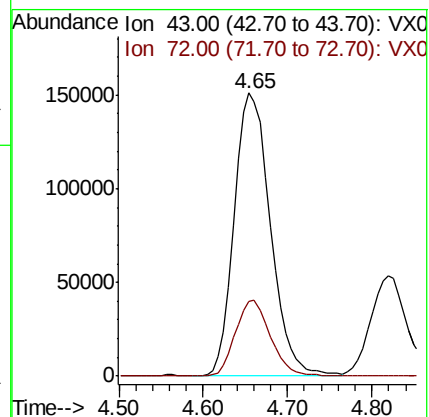
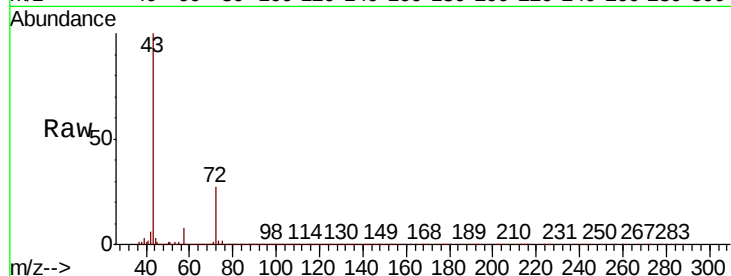
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 436096

Ion Ratio Lower Upper

43 100

72 26.5 20.6 31.0



#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

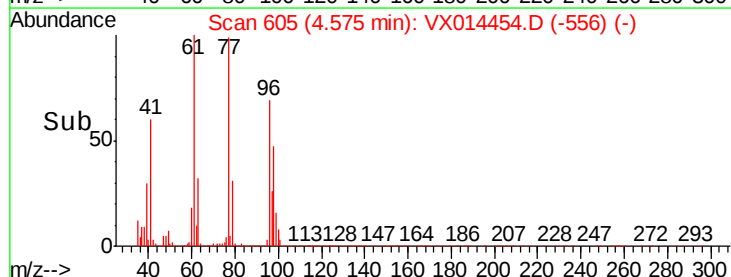
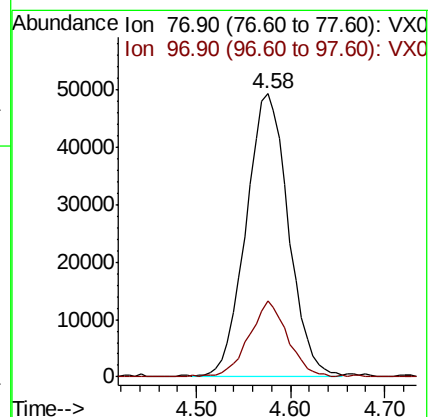
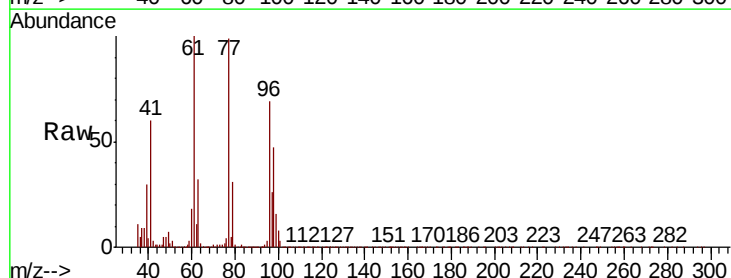
Acq: 07 Jan 2020 17:44

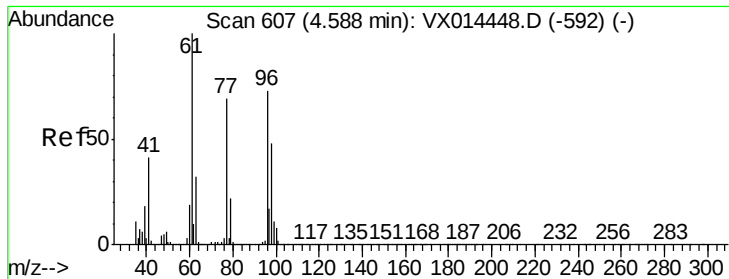
Tgt Ion: 77 Resp: 154626

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1



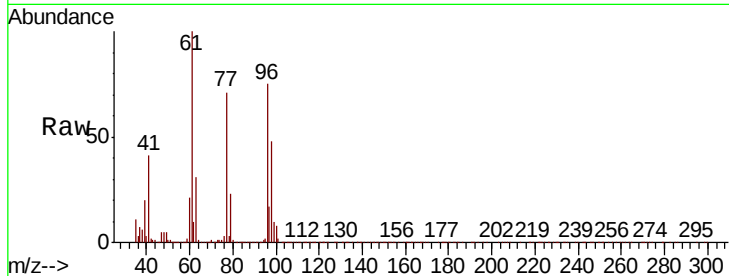


#27

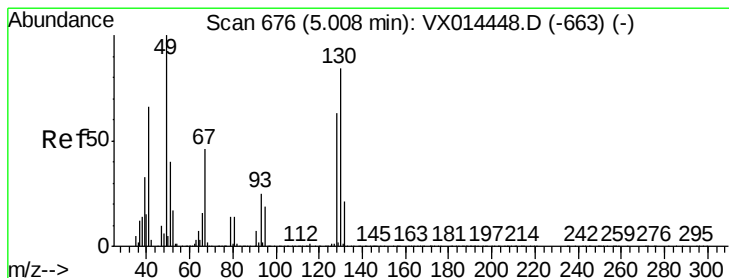
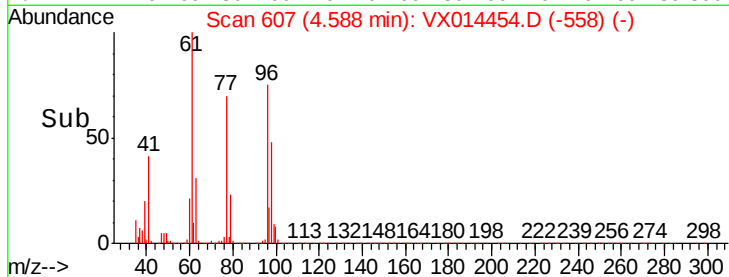
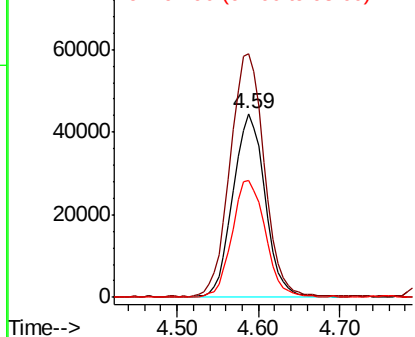
cis-1,2-Dichloroethene
Concen: 18.761 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :

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



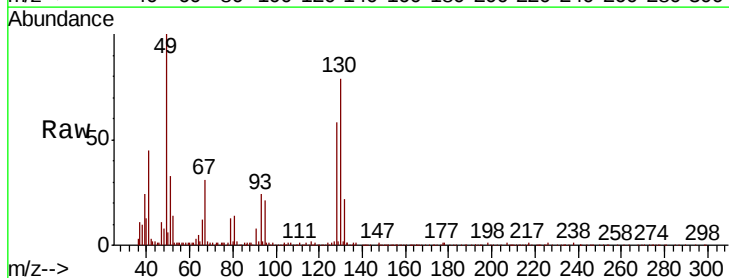
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



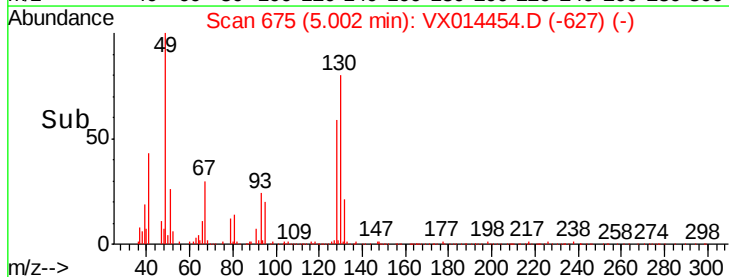
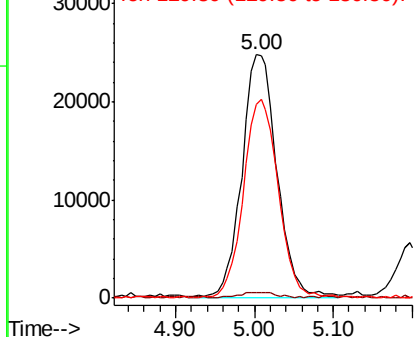
#28

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

ClientSampled :

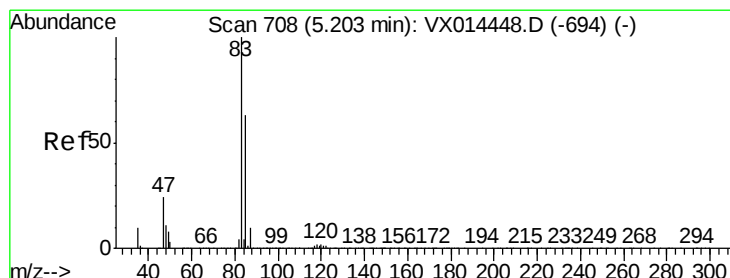
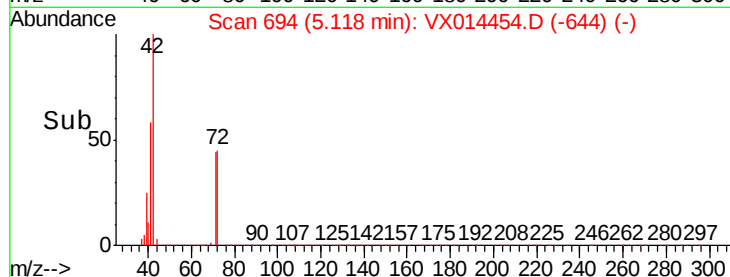
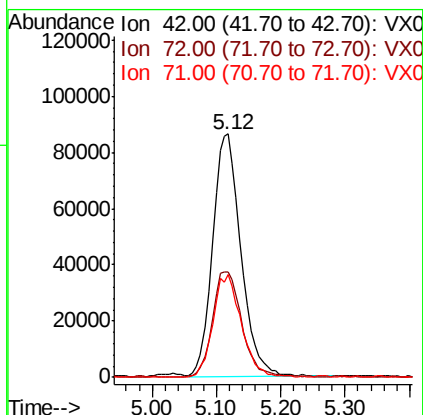
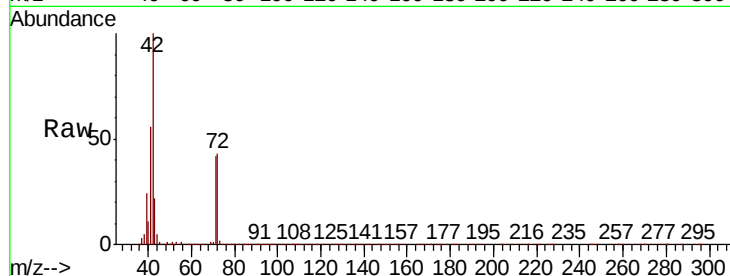
Tot Ion: 42 Resp: 265986

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

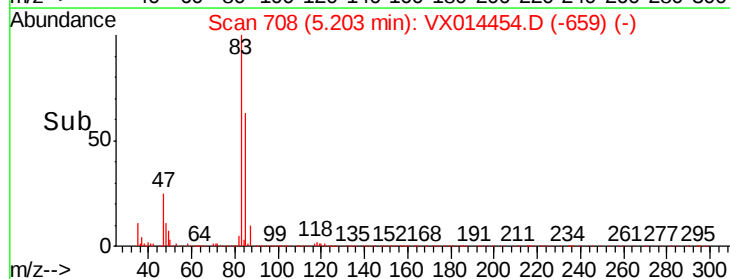
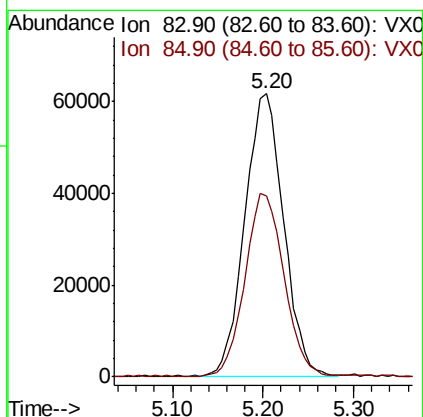
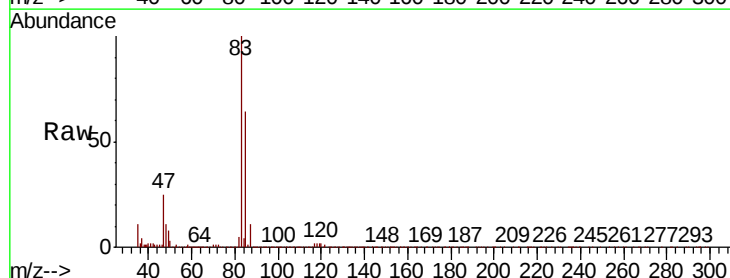
Acq: 07 Jan 2020 17:44

Tgt Ion: 83 Resp: 182941

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

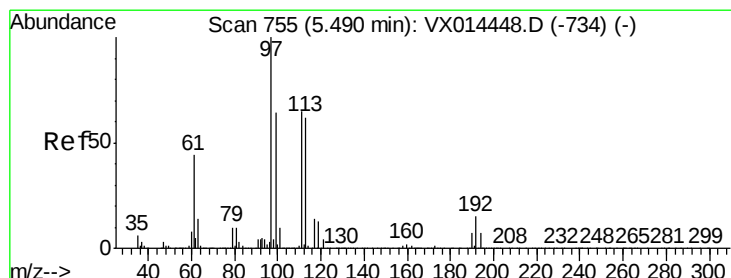
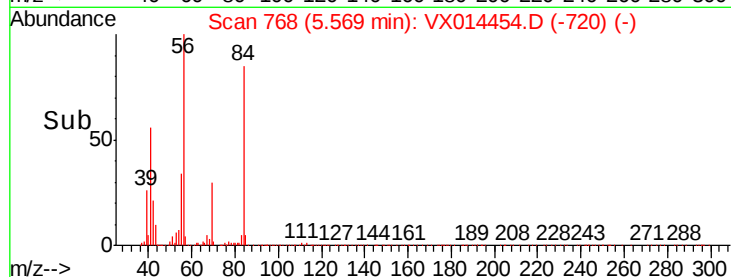
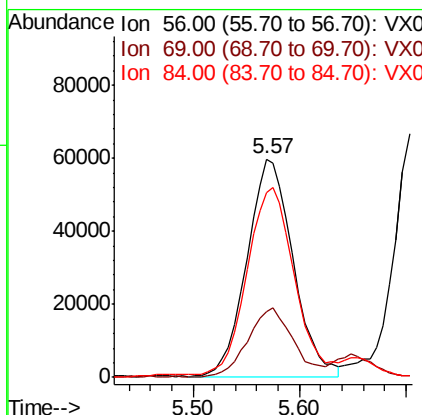
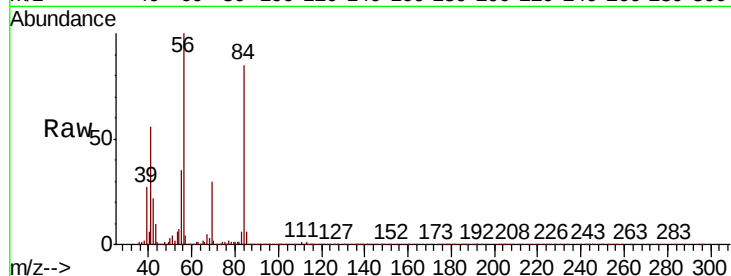




#31
Cyclohexane
Concen: 19.825 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

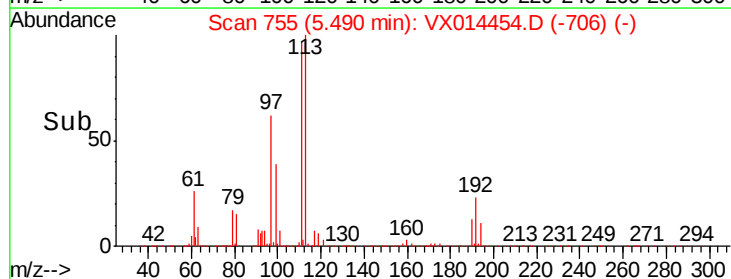
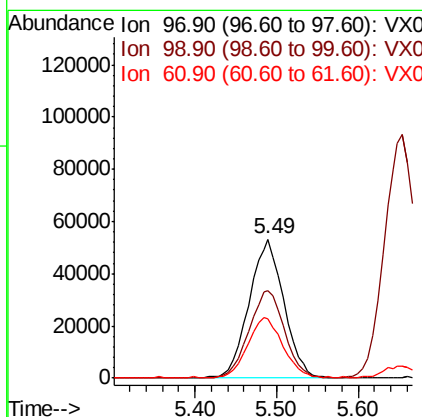
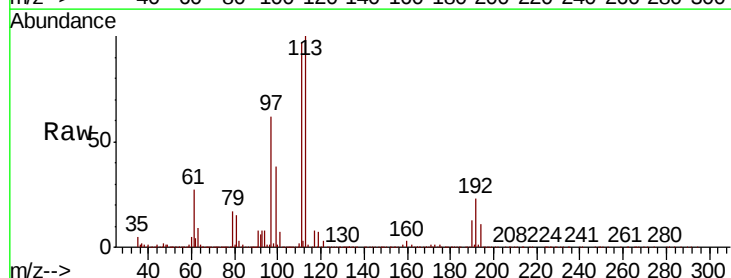
Instrument :
MSVOA_X
ClientSampleId :

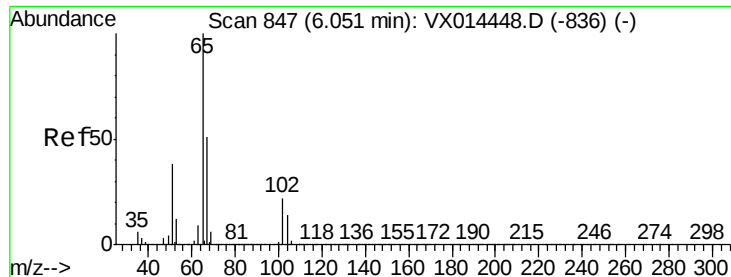
Tot Ion: 56 Resp: 180300
Ion Ratio Lower Upper
56 100
69 29.6 24.4 36.6
84 83.2 70.6 106.0



#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

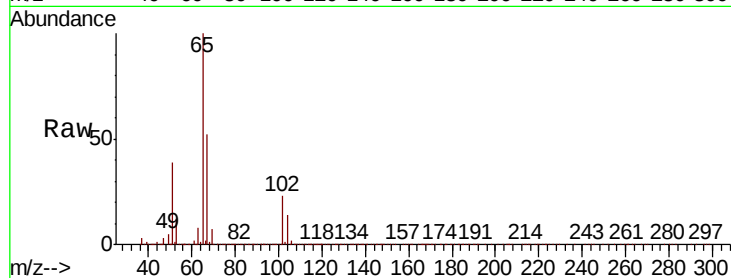
ClientSampleId :

Tot Ion: 65 Resp: 290373

Ion Ratio Lower Upper

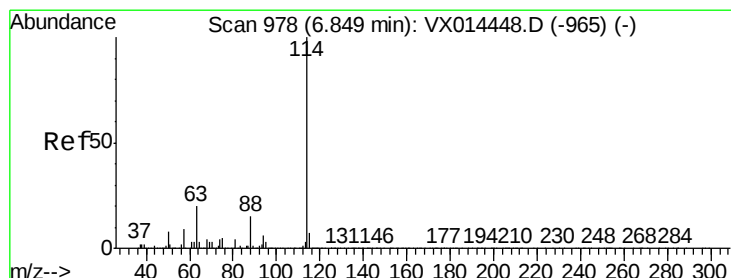
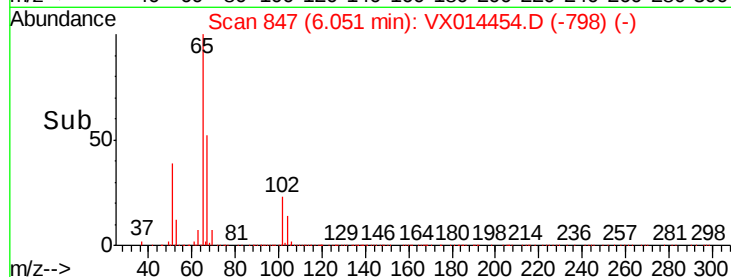
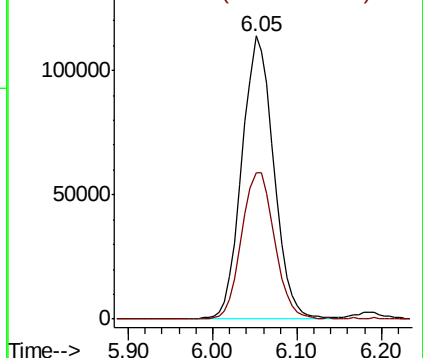
65 100

67 53.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

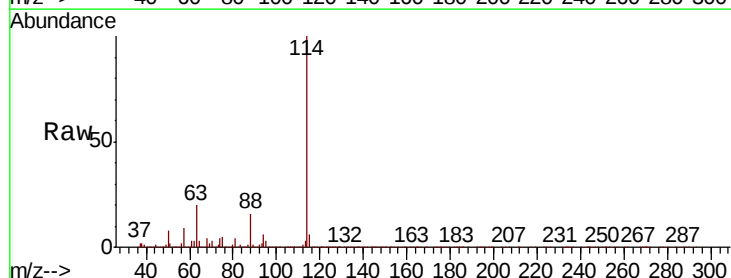
Tgt Ion: 114 Resp: 797173

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

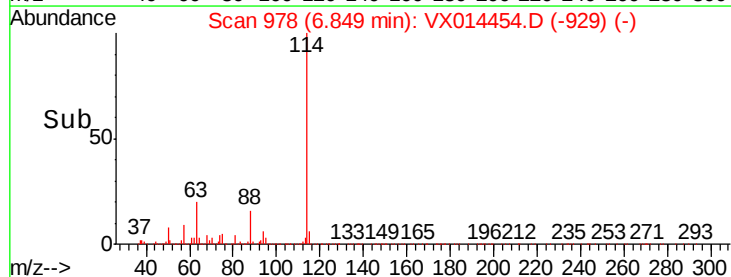
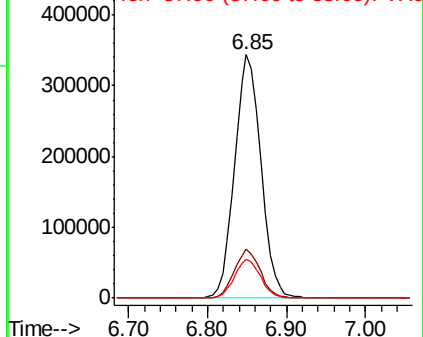
88 15.7 0.0 30.8

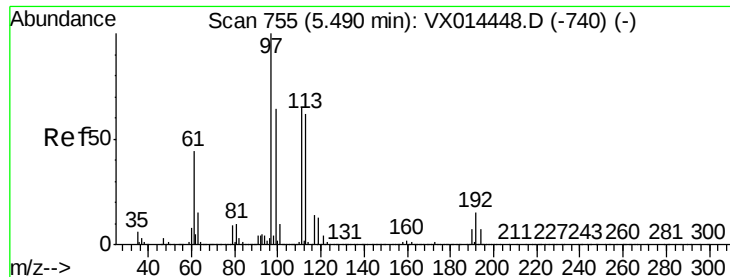


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

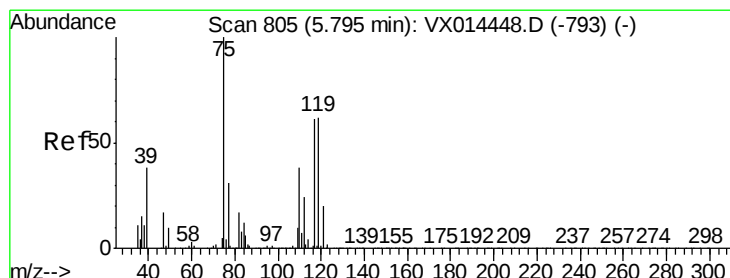
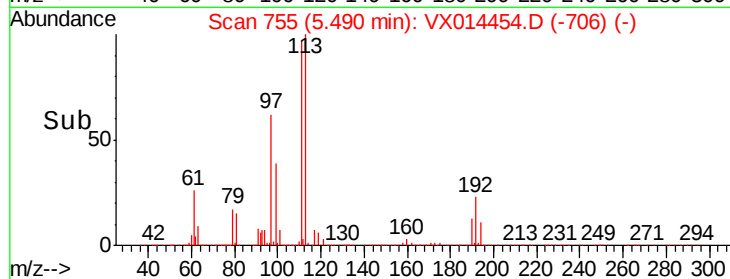
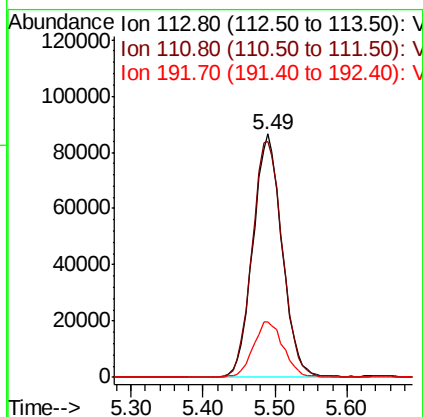
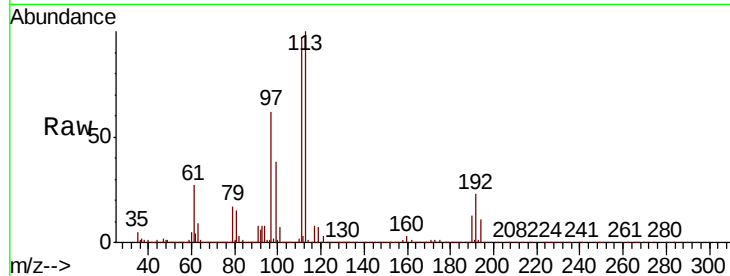




#35
 Dibromofluoromethane
 Concen: 50.307 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

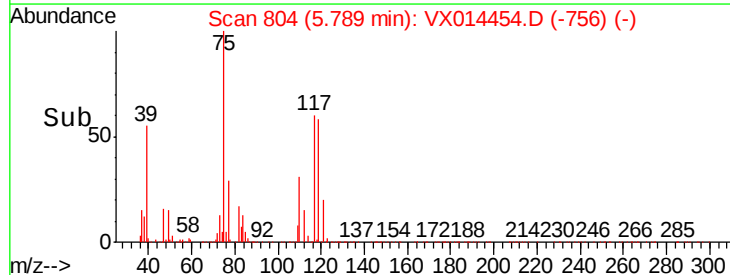
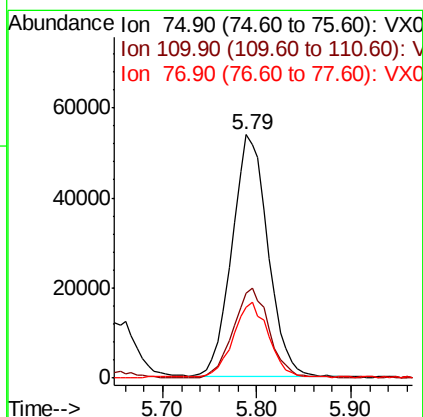
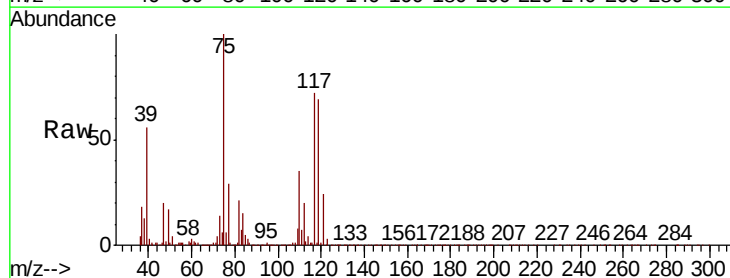
Instrument :
 MSVOA_X
 ClientSampled :

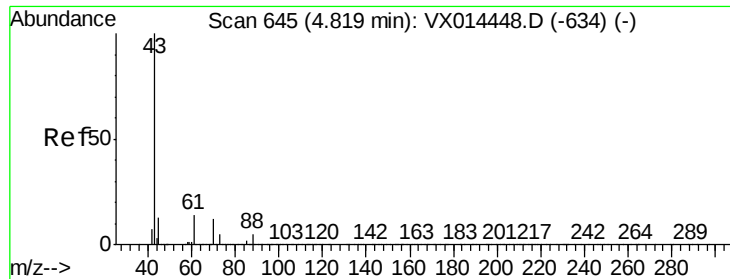
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	23.8	19.2	28.8



#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

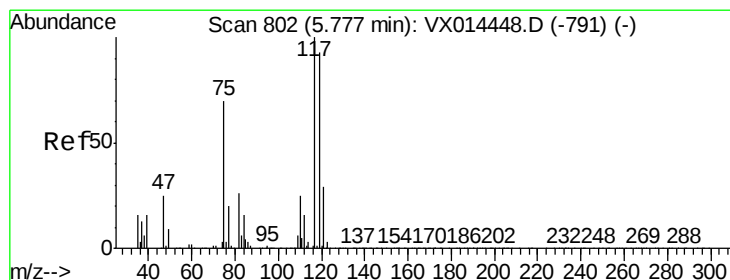
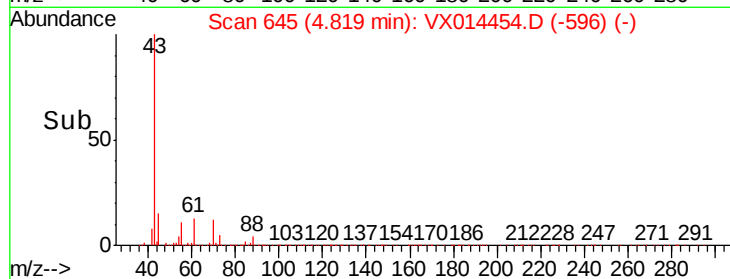
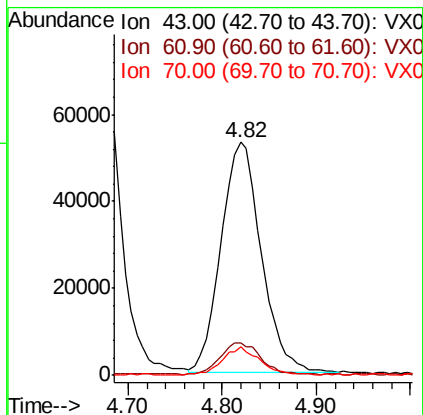
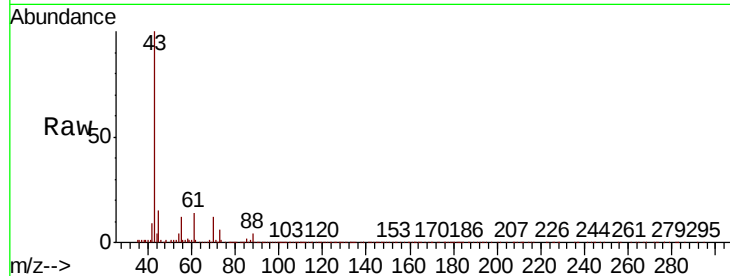




#37
Ethyl Acetate
Concen: 19.266 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

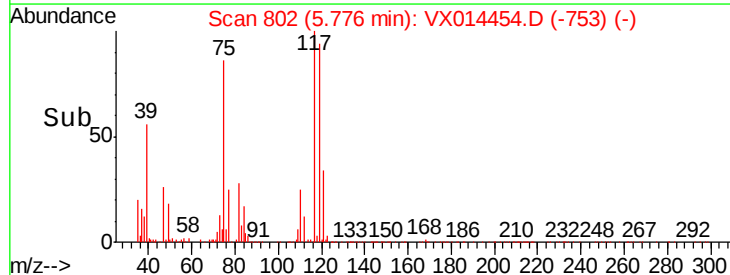
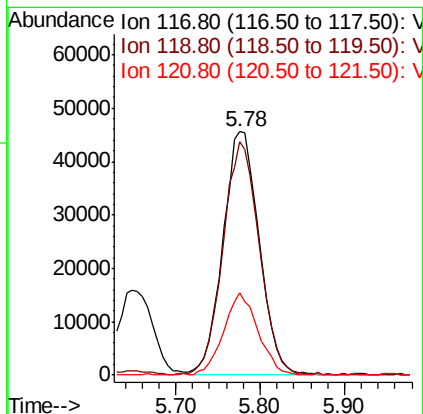
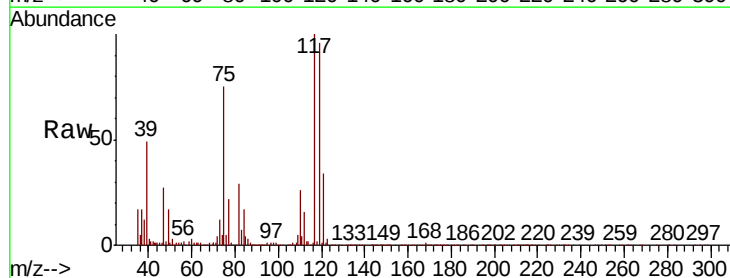
Instrument :
MSVOA_X
ClientSampleId :

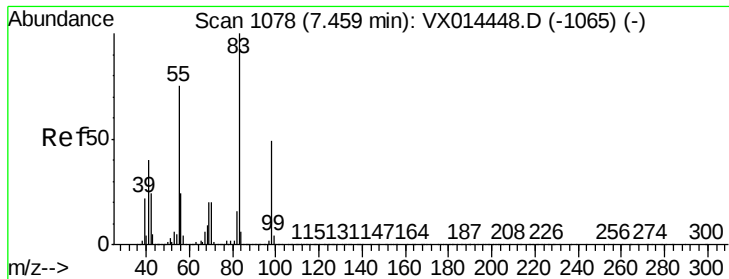
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	11.3	8.9	13.3



#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	Ratio	Lower	Upper
117	100		
119	95.6	73.8	110.8
121	33.5	23.4	35.0

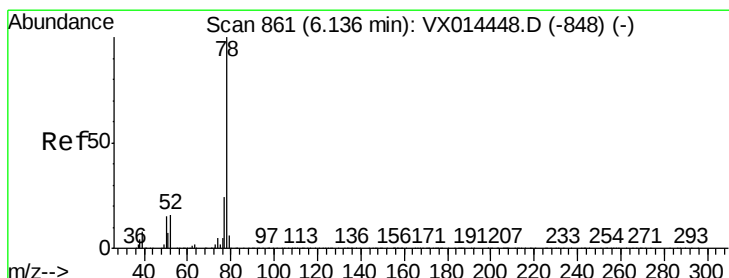
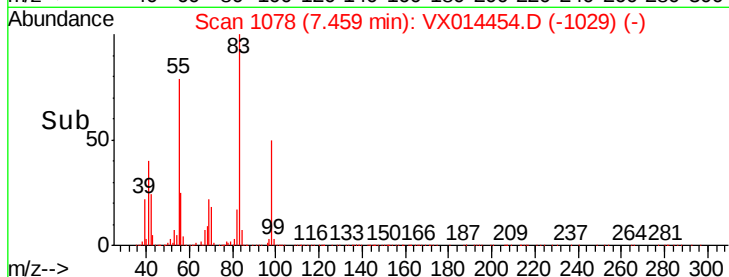
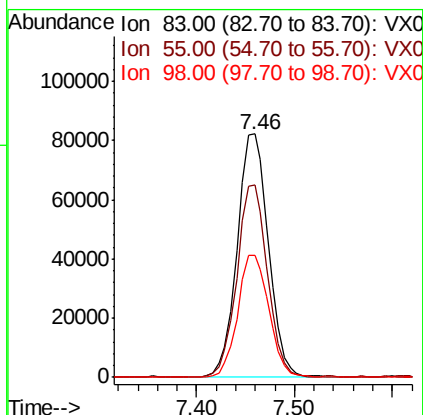
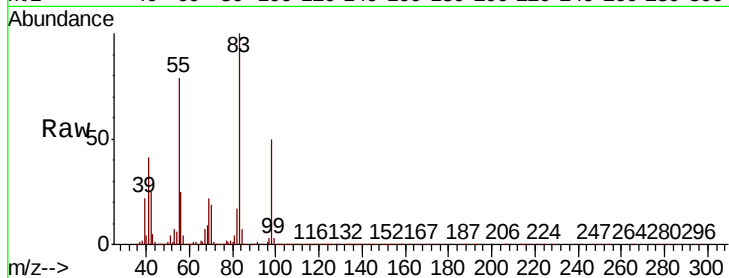




#39
Methvlcvclohexane
Concen: 19.276 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

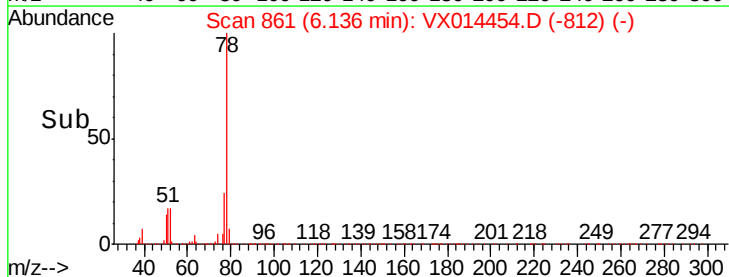
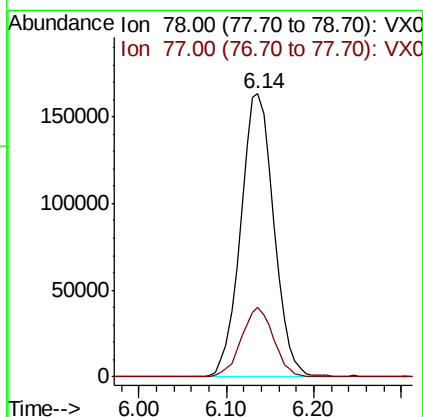
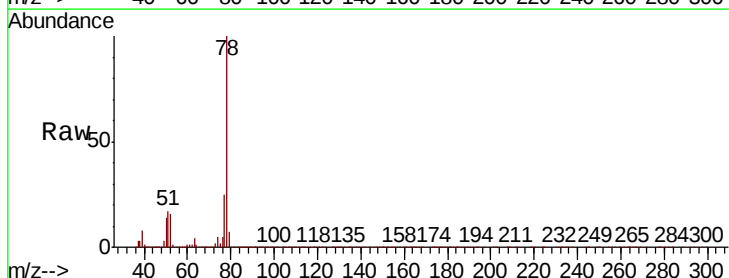
Instrument :
MSVOA_X
ClientSampled :

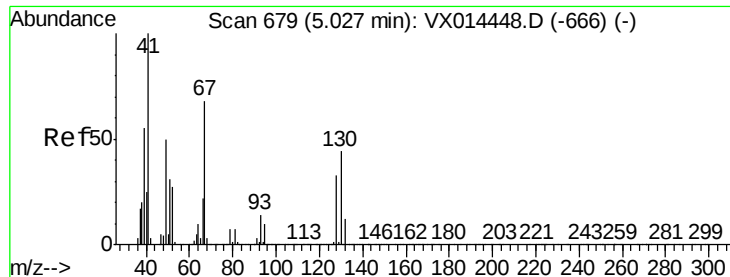
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	59.7	89.5
98	50.3	39.1	58.7



#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	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3

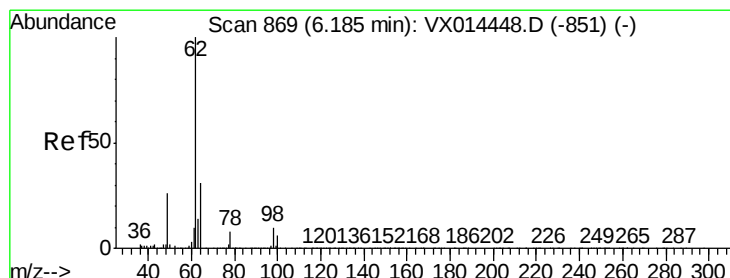
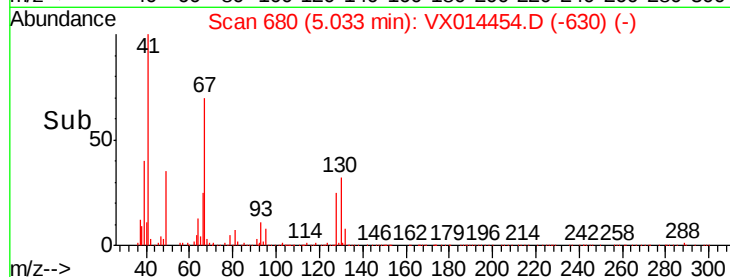
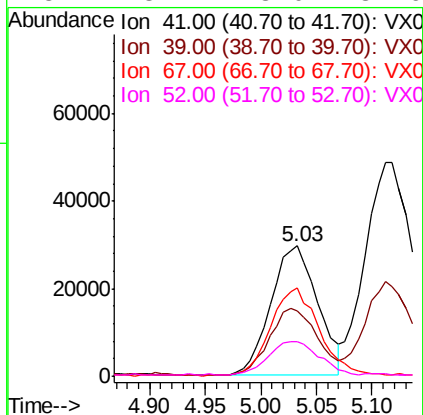
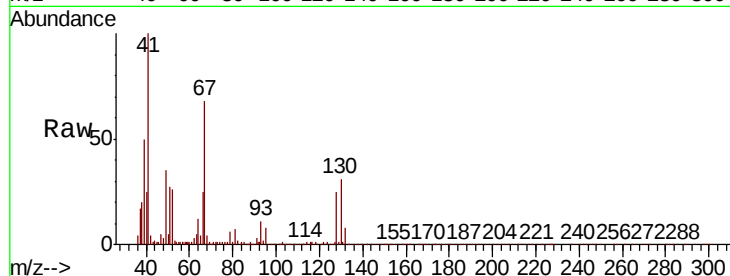




#41
Methacrylonitrile
Concen: 19.966 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

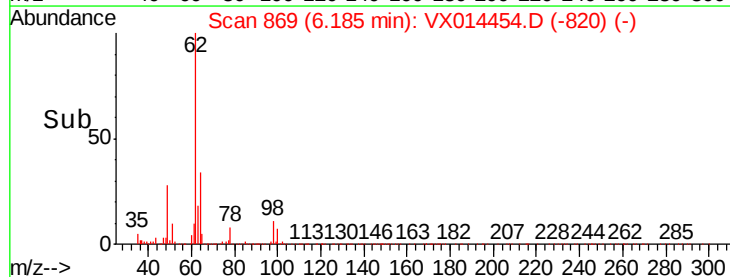
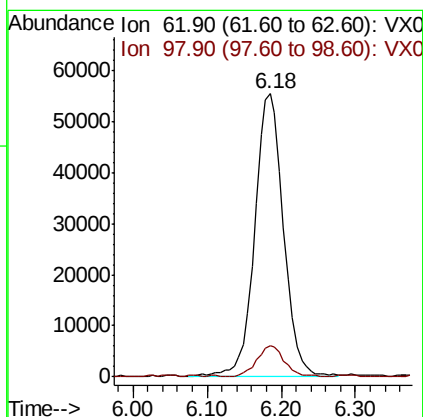
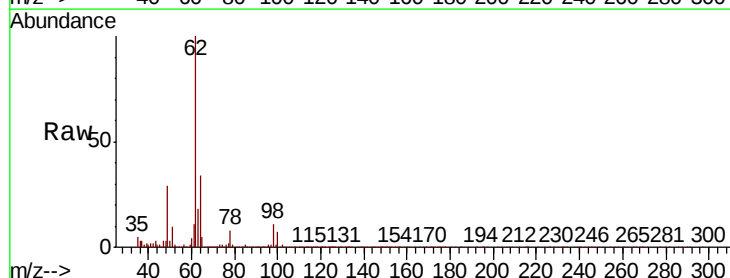
Instrument :
MSVOA_X
ClientSampleId :

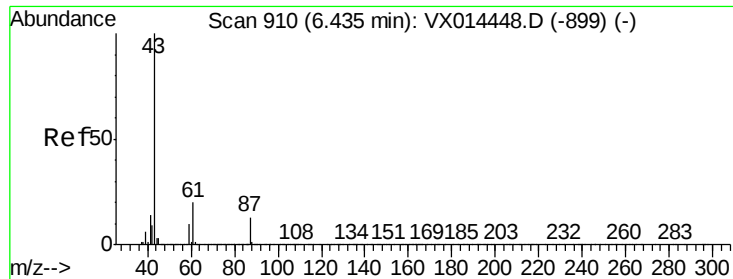
Tot Ion:	41	Resp:	86702
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.6	65.4
67	70.1	57.9	86.9
52	28.1	23.0	34.6



#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



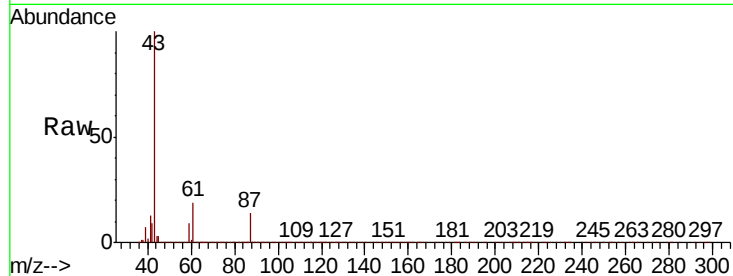


#43

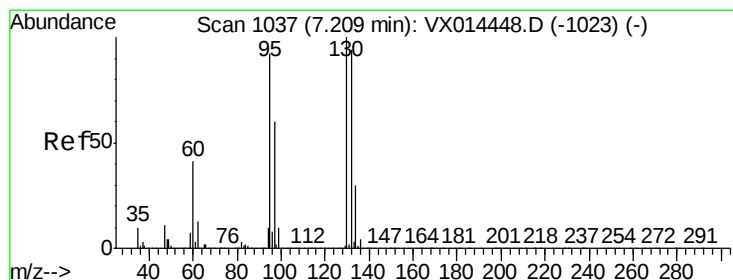
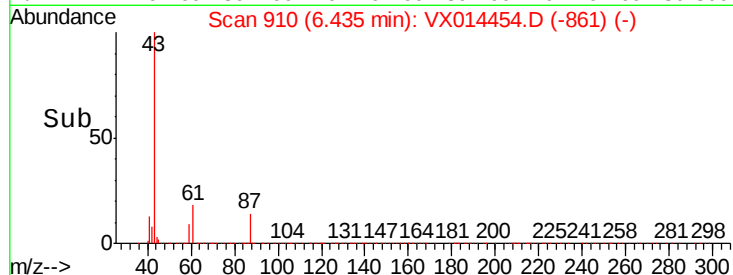
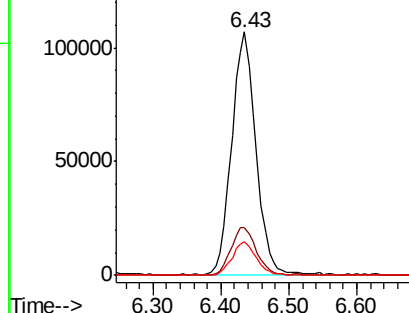
Isopropyl Acetate
 Concen: 19.965 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	262624
Ion Ratio	Lower	Upper	
43	100		
61	20.8	16.6	24.8
87	13.4	10.8	16.2



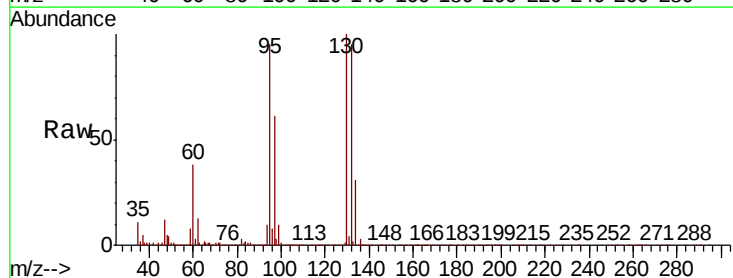
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



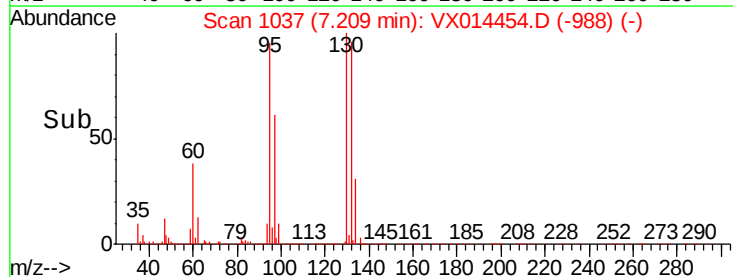
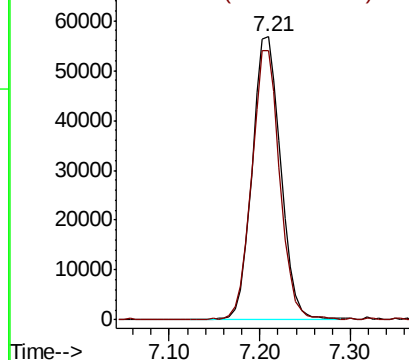
#44

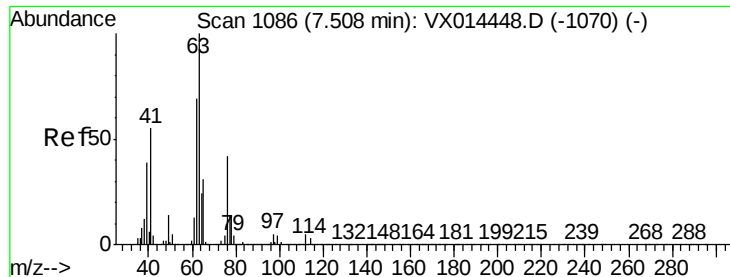
Trichloroethene
 Concen: 19.360 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	130	Resp	123792
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

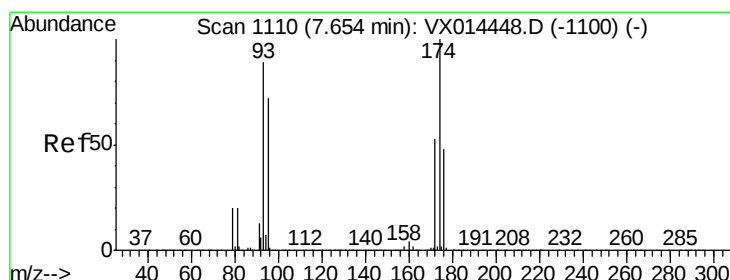
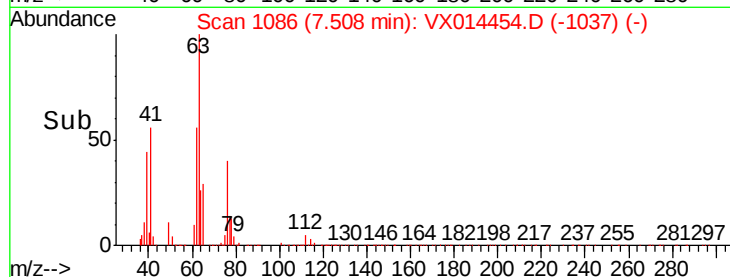
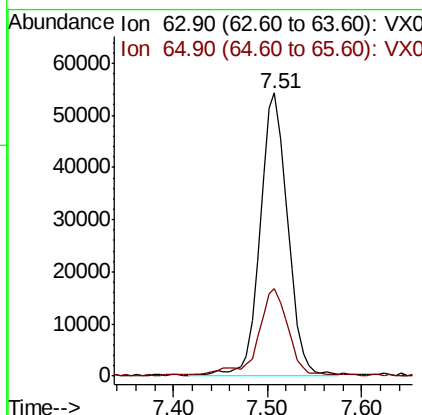
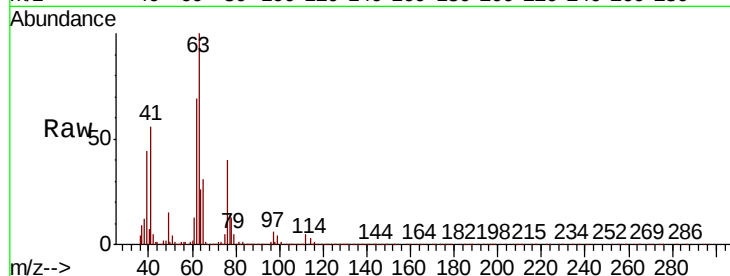




#45
 1,2-Dichloropropane
 Concen: 19.597 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

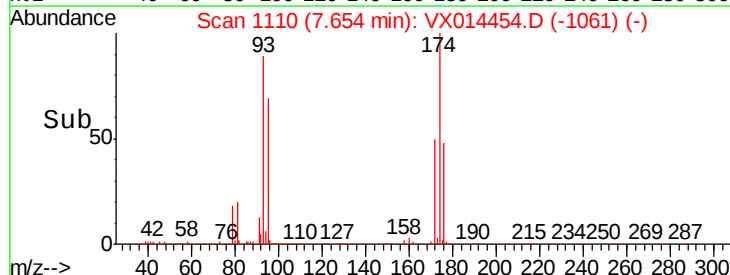
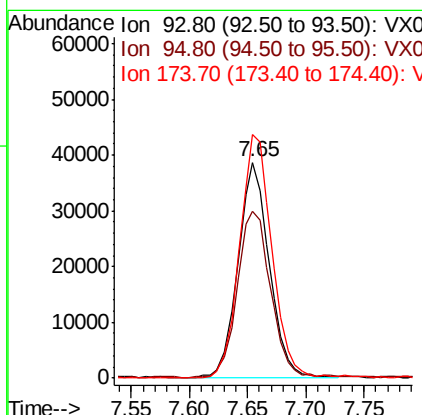
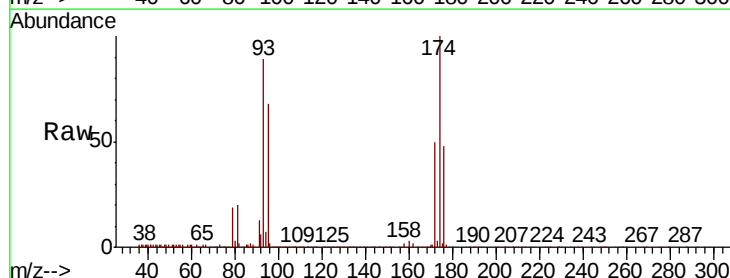
Instrument :
 MSVOA_X
 ClientSampleId :

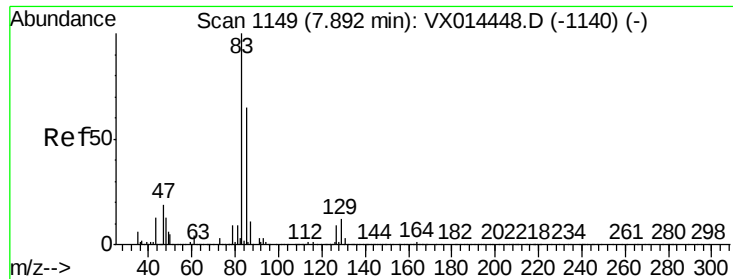
Tot Ion: 63 Resp: 111165
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.8 37.2



#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

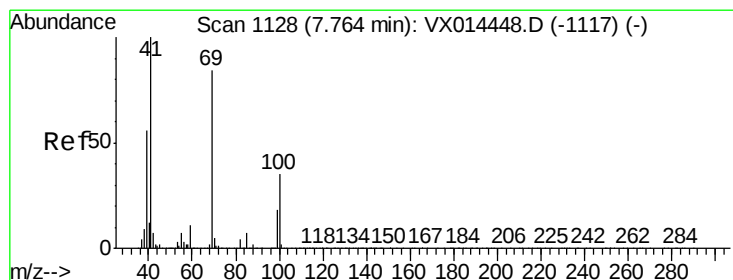
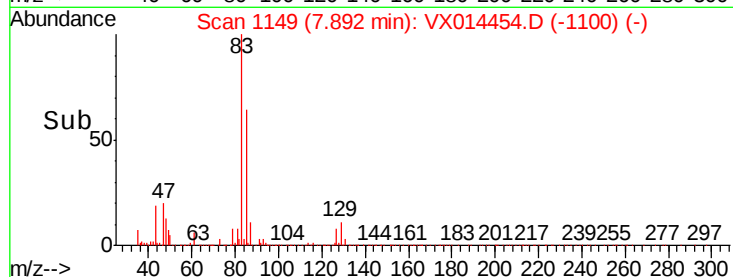
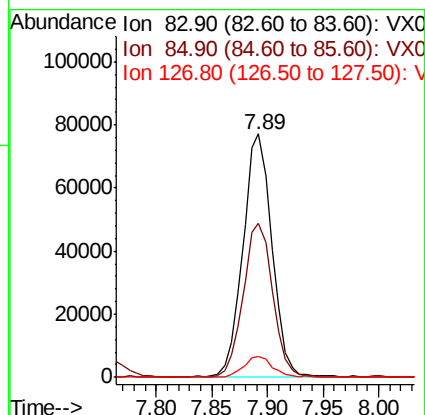
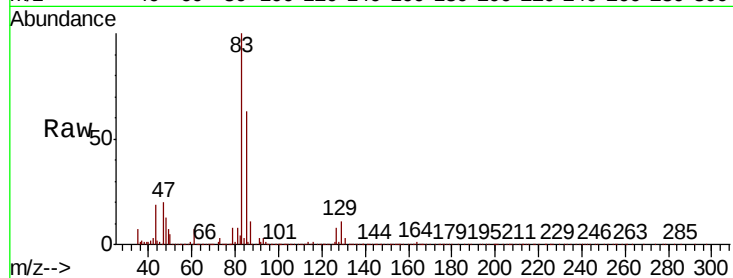




#47
Bromodichloromethane
Concen: 19.266 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

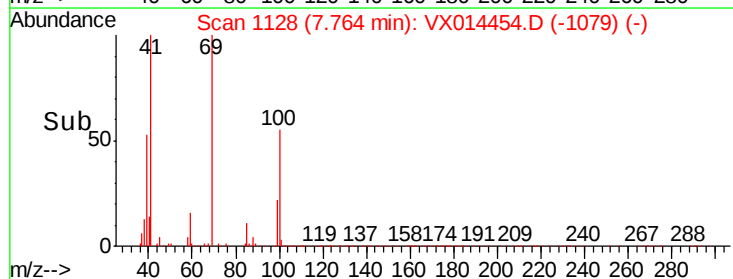
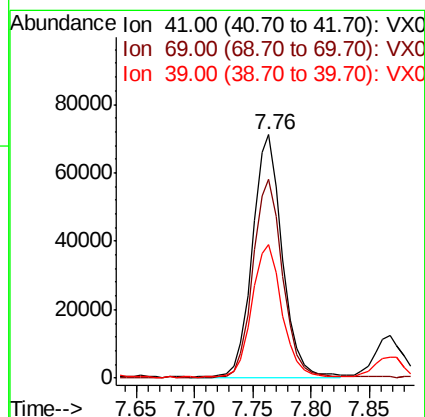
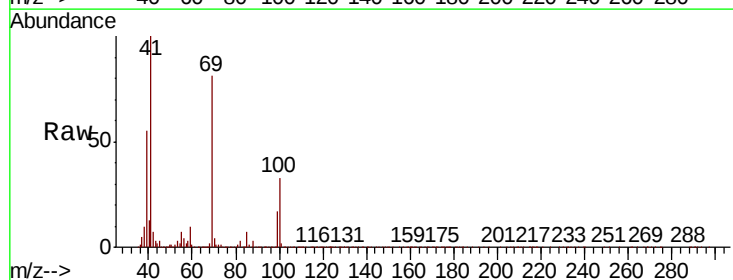
Instrument :
MSVOA_X
ClientSampleId :

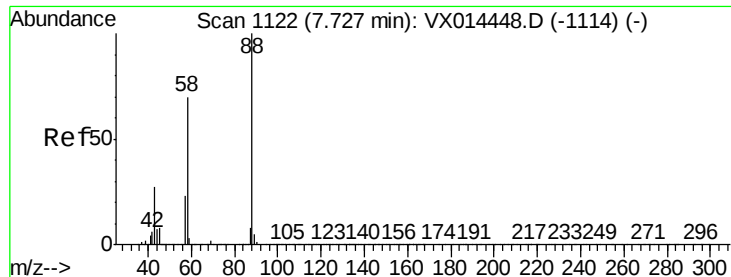
Tot Ion: 83 Resp: 138798
Ion Ratio Lower Upper
83 100
85 63.2 51.7 77.5
127 8.2 7.1 10.7



#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

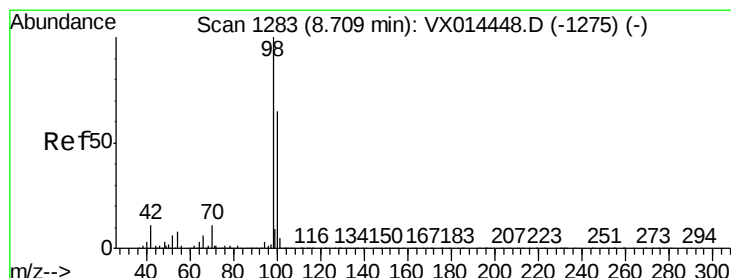
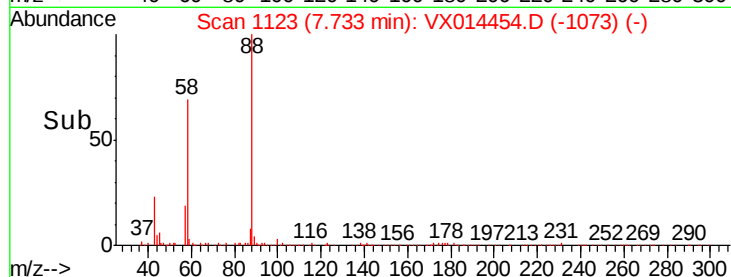
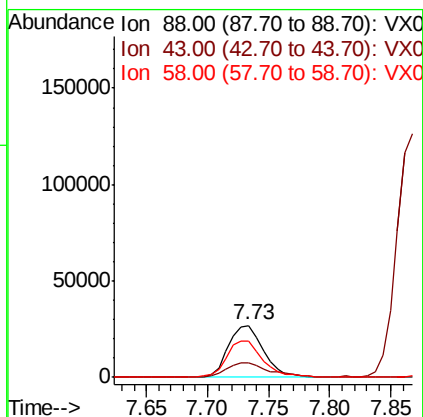
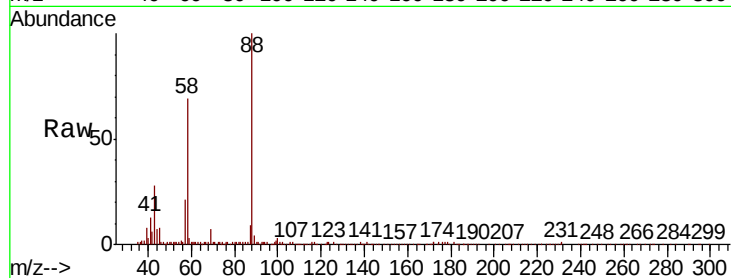




#49
1,4-Dioxane
Concen: 397.556 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

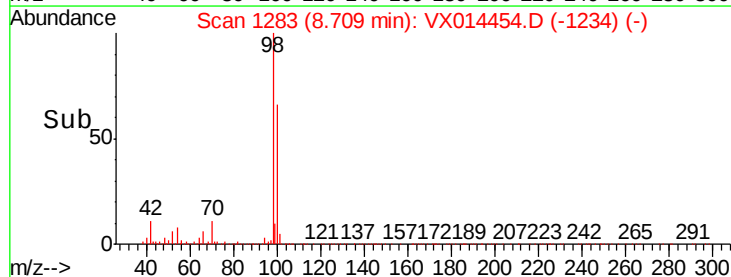
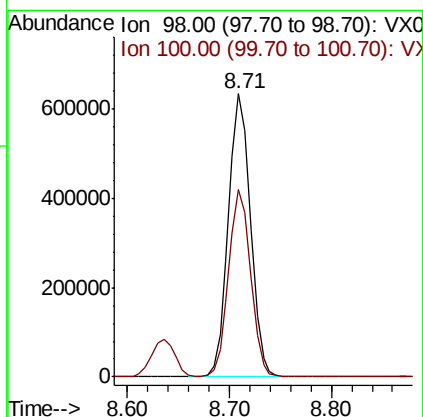
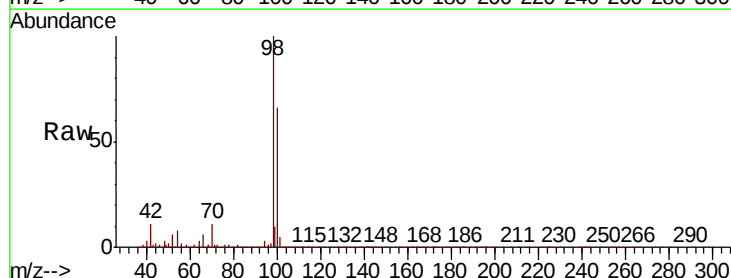
Instrument :
MSVOA_X
ClientSampleId :

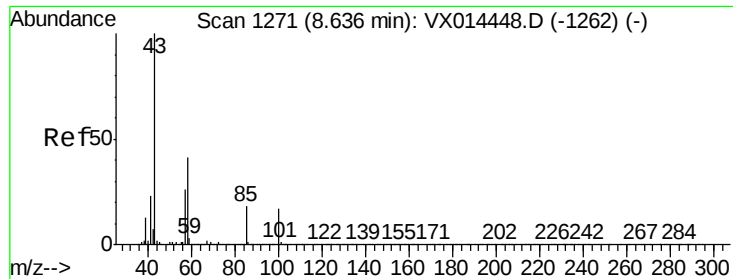
Tot Ion: 88 Resp: 53072
Ion Ratio Lower Upper
88 100
43 35.1 27.4 41.0
58 70.6 57.1 85.7



#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





#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

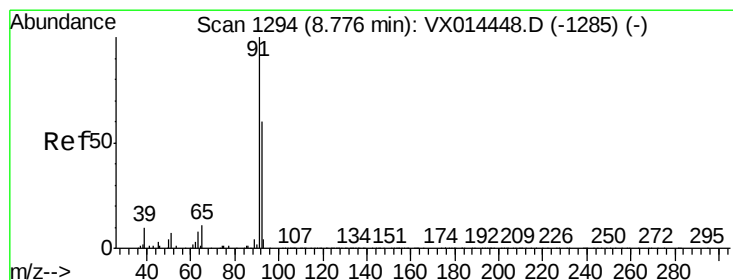
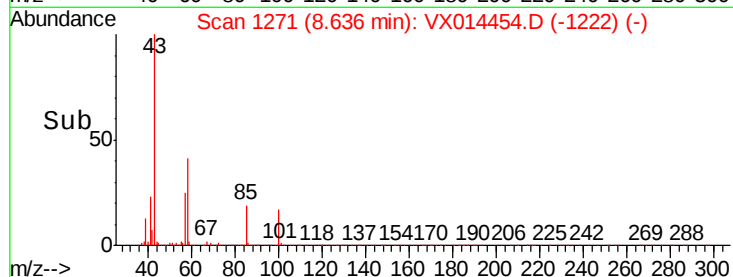
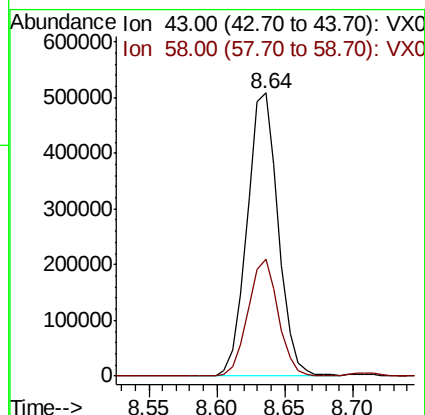
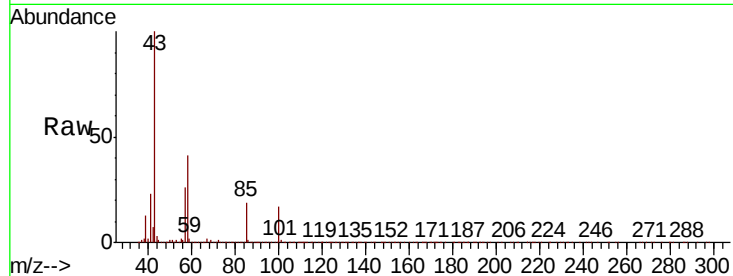
ClientSampleId :

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

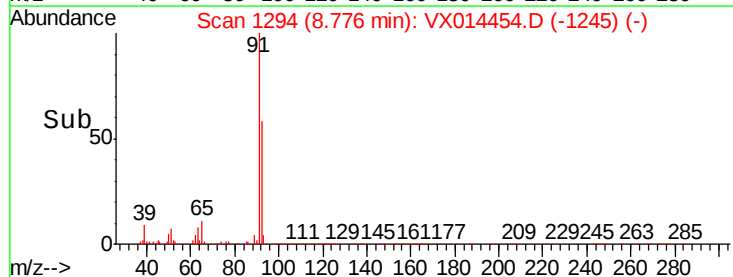
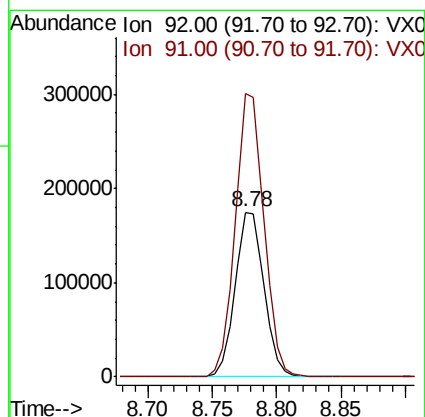
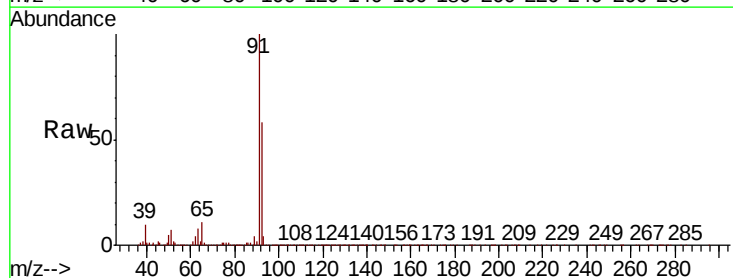
Acq: 07 Jan 2020 17:44

Tgt Ion: 92 Resp: 273898

Ion Ratio Lower Upper

92 100

91 170.3 135.7 203.5

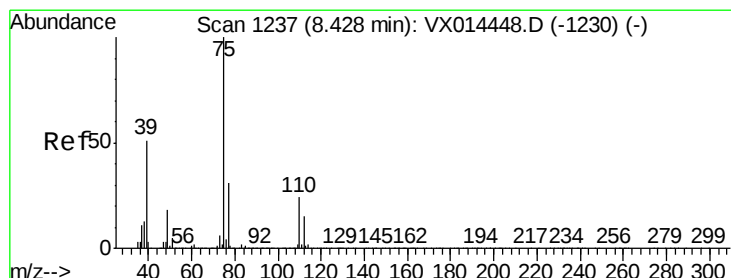
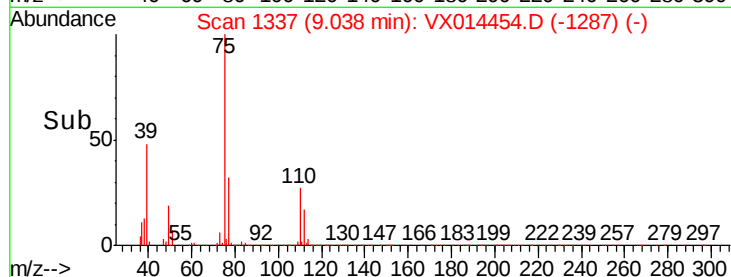
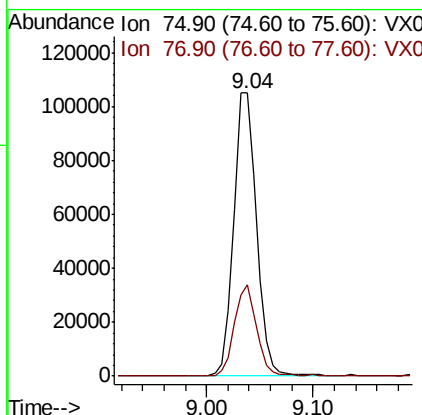
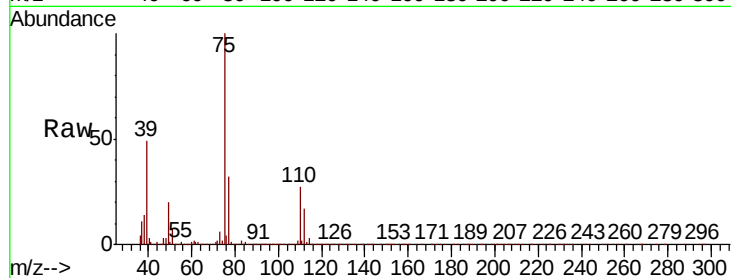




#53
t-1,3-Dichloropropene
Concen: 18.932 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

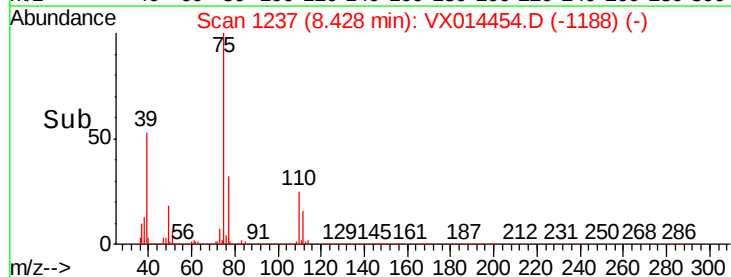
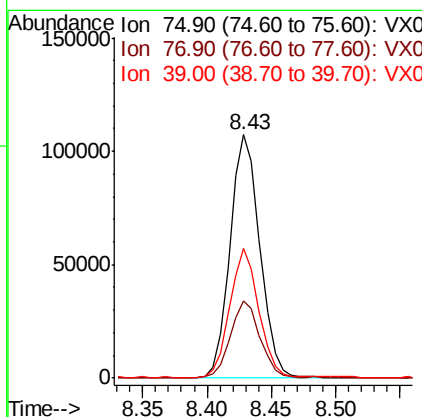
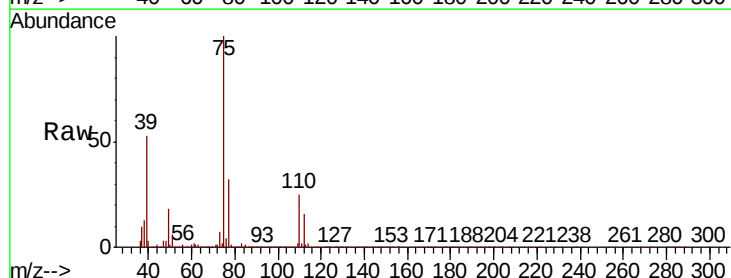
Instrument :
MSVOA_X
ClientSampleId :

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 :

Tot Ion: 97 Resp: 111126

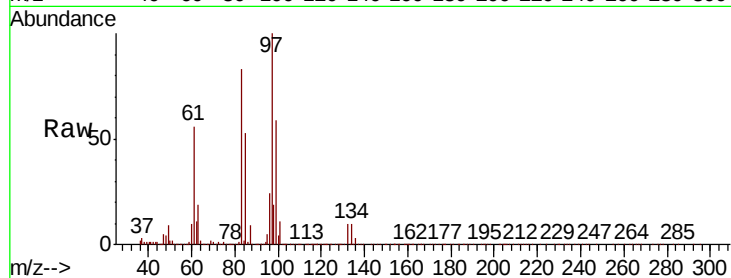
Ion Ratio Lower Upper

97 100

83 82.4 66.4 99.6

85 52.9 43.4 65.2

99 58.6 49.6 74.4

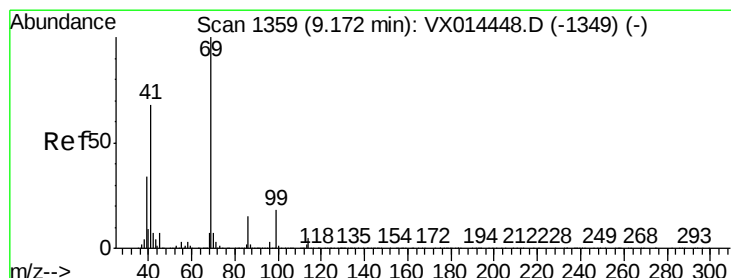
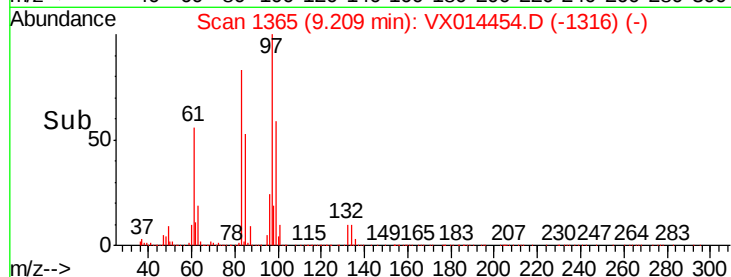
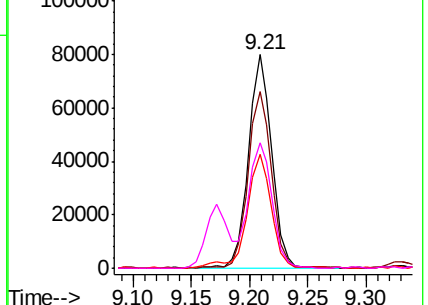


Abundance Ion 96.90 (96.60 to 97.60): VX0

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

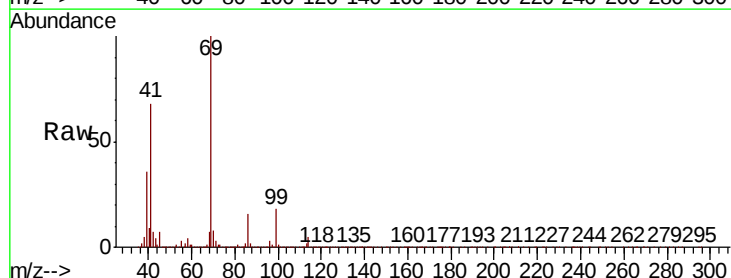
Tgt Ion: 69 Resp: 174597

Ion Ratio Lower Upper

69 100

41 68.1 54.2 81.2

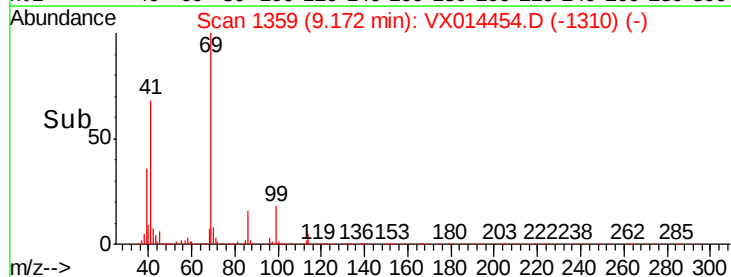
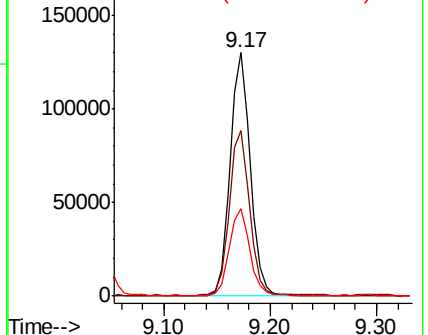
39 37.6 28.2 42.2

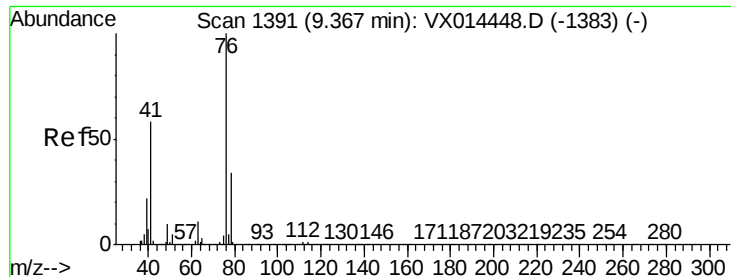


Abundance Ion 69.00 (68.70 to 69.70): VX0

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

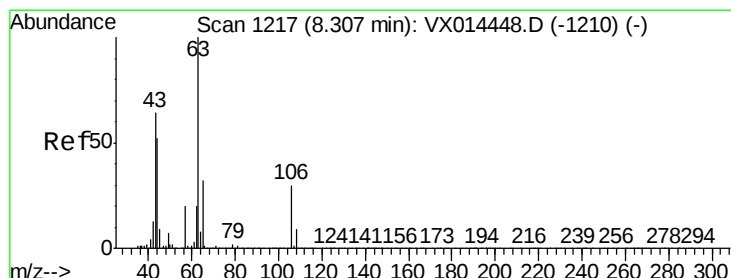
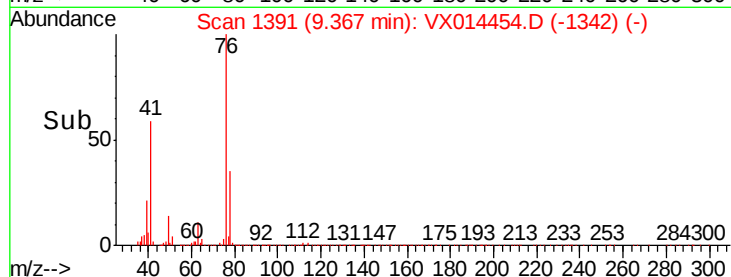
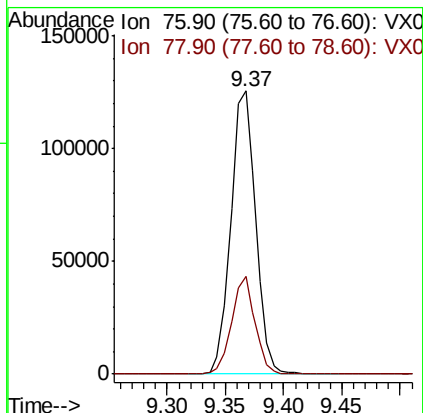
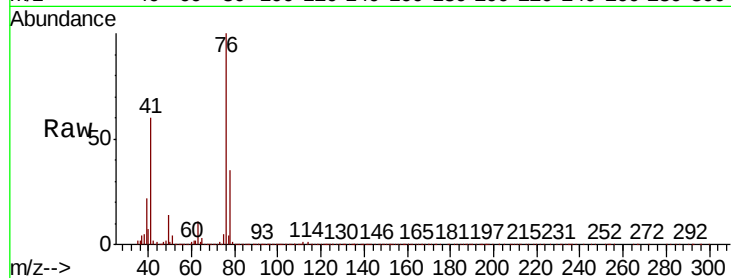
ClientSampled :

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

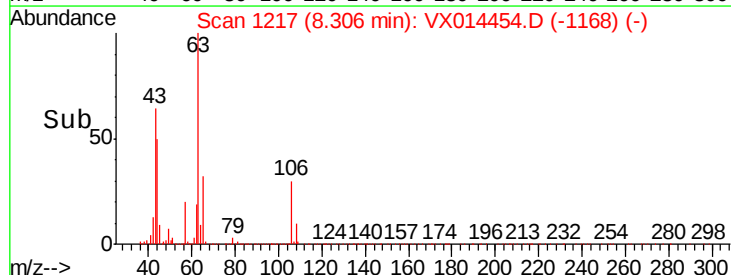
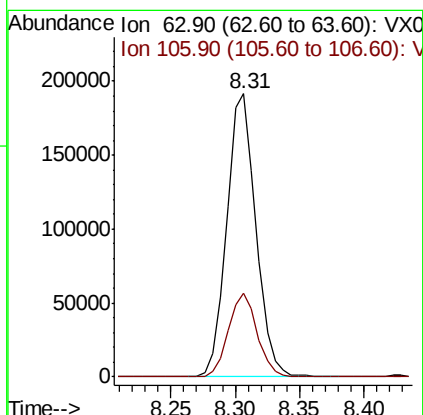
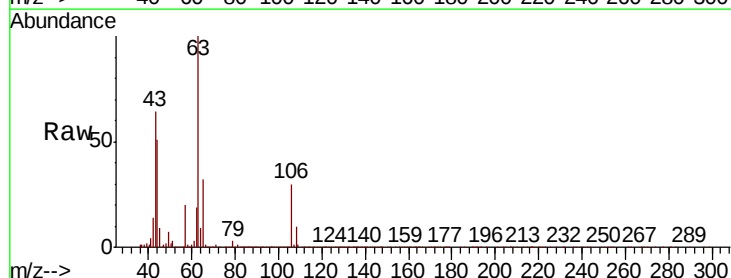
Acq: 07 Jan 2020 17:44

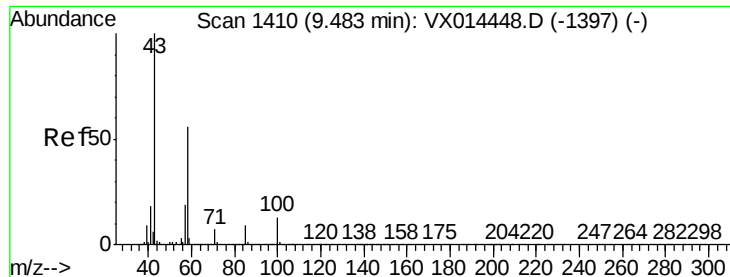
Tgt Ion: 63 Resp: 303306

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

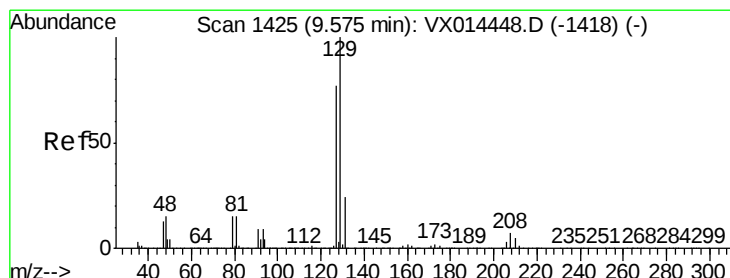
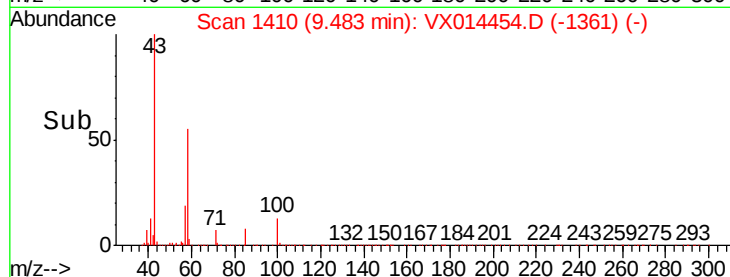
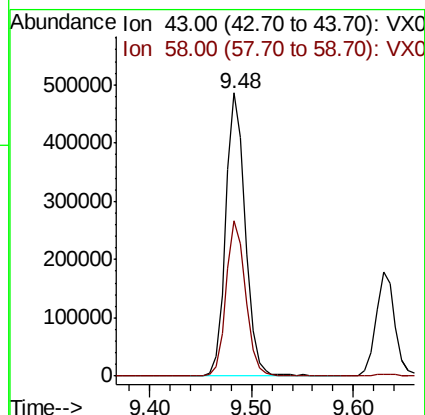
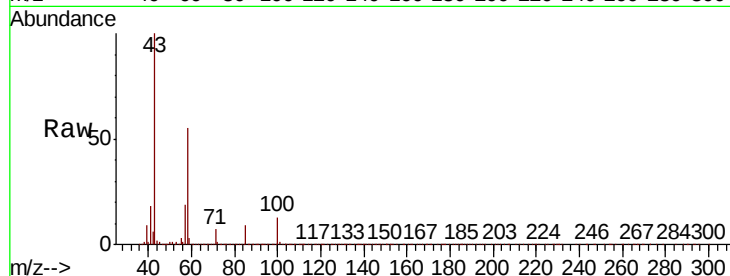
ClientSampled :

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

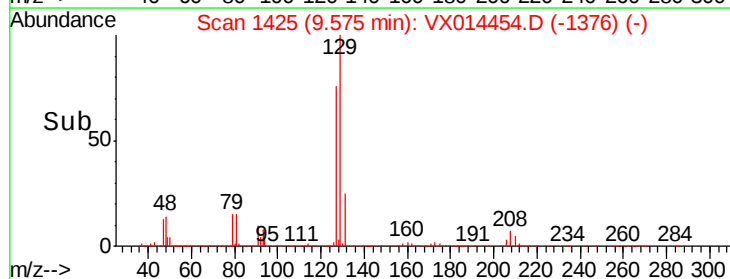
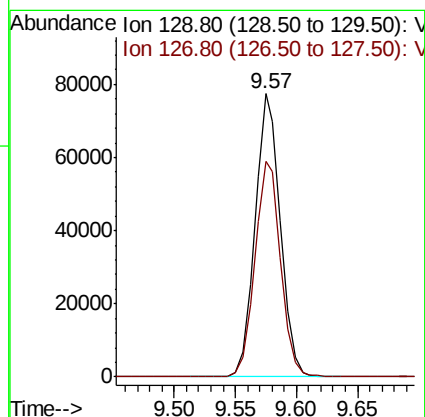
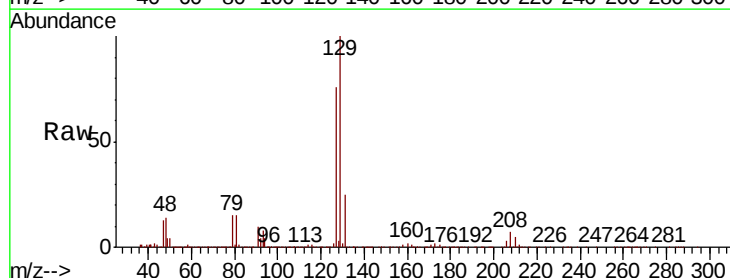
Acq: 07 Jan 2020 17:44

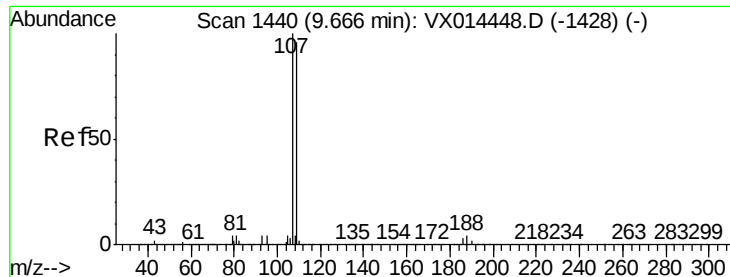
Tgt Ion: 129 Resp: 111763

Ion Ratio Lower Upper

129 100

127 77.1 38.6 116.0

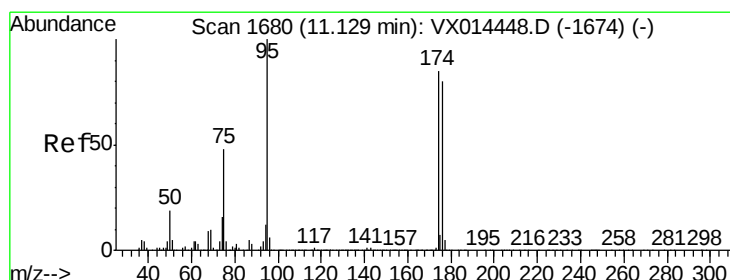
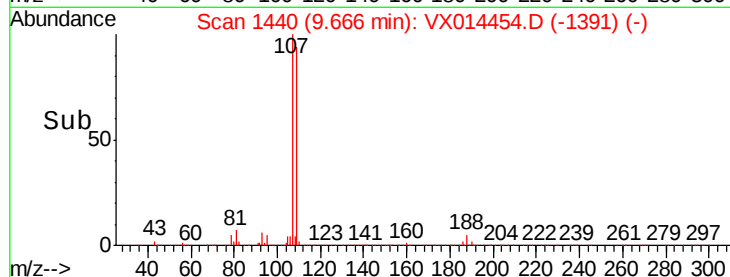
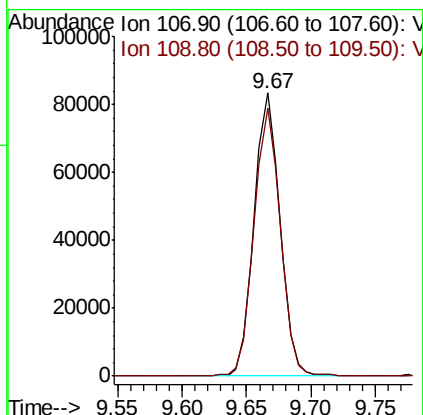
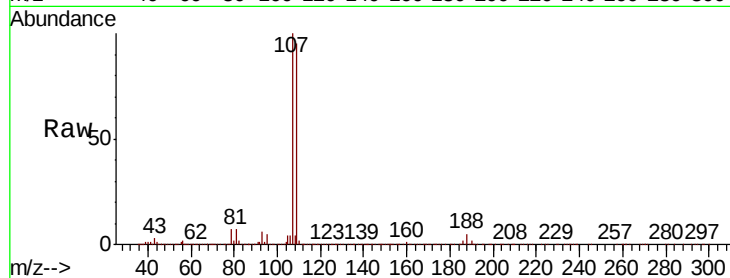




#61
 1,2-Dibromoethane
 Concen: 18.954 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

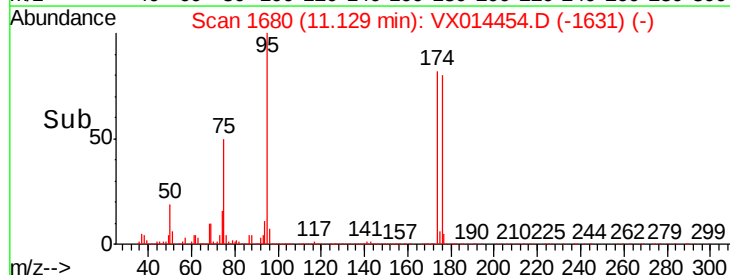
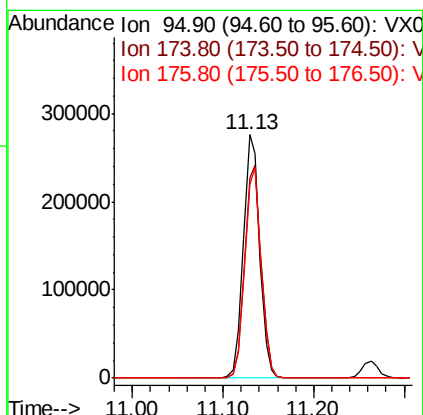
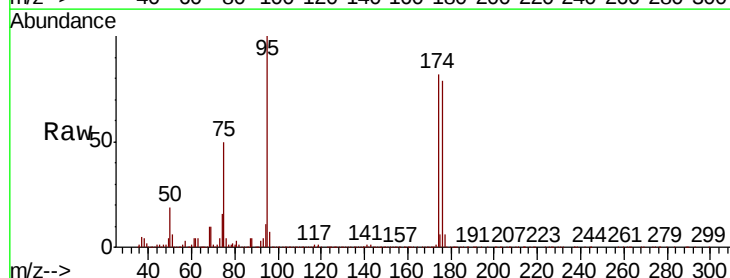
Instrument :
 MSVOA_X
 ClientSampleId :

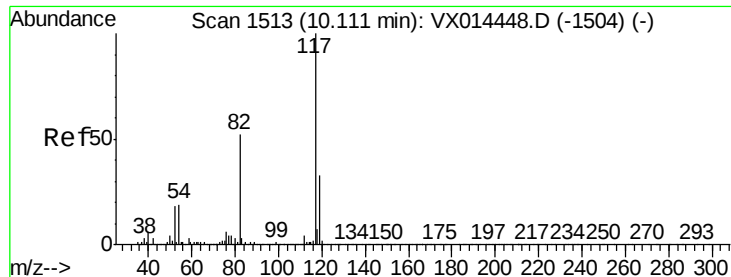
Tot Ion:107 Resp: 114864
 Ion Ratio Lower Upper
 107 100
 109 96.6 76.5 114.7



#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

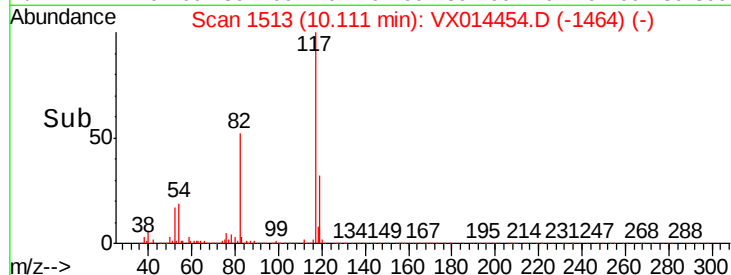
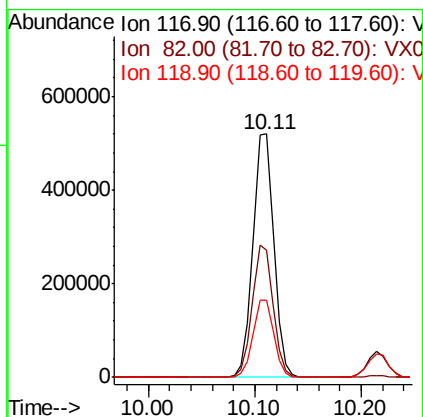
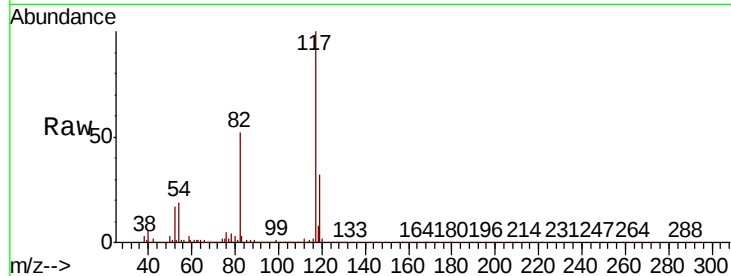




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

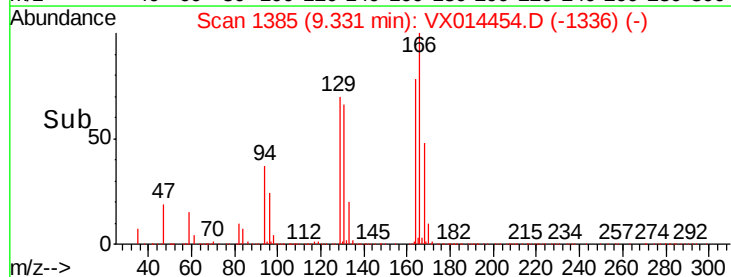
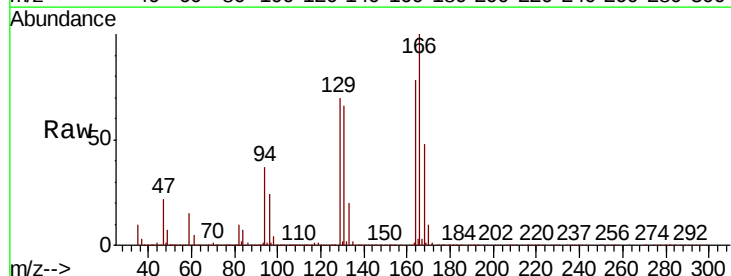
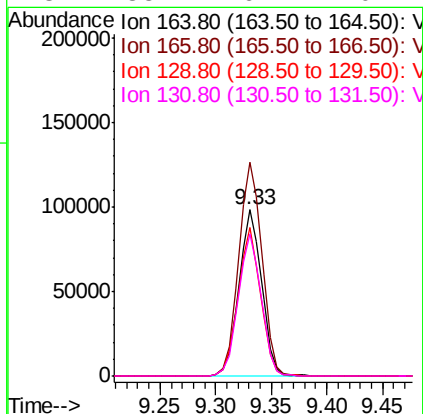
Instrument :
MSVOA_X
ClientSampleId :

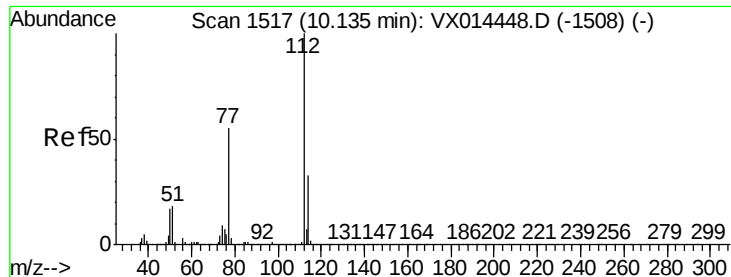
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.6
119	31.9	26.2	39.4



#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

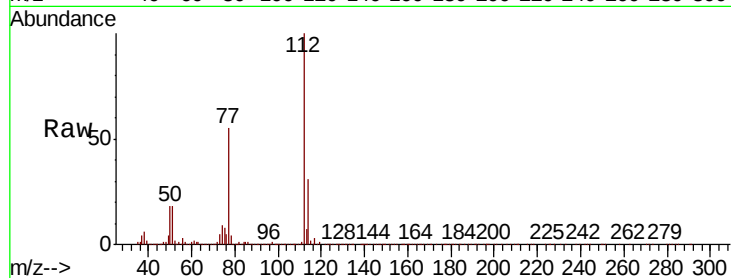
ClientSampleId :

Tot Ion:112 Resp: 296084

Ion Ratio Lower Upper

112 100

114 30.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

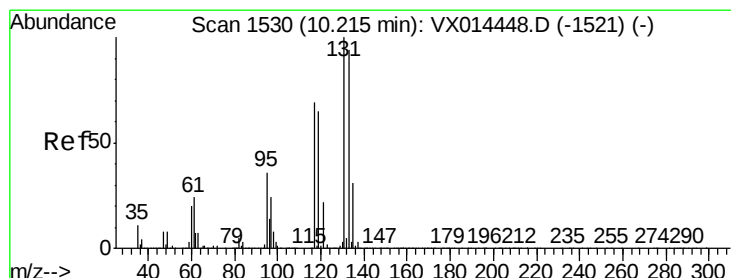
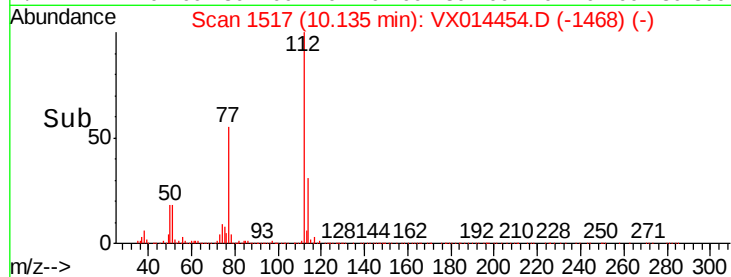
100000

50000

0

10.10 10.14 10.20

Time-->



#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

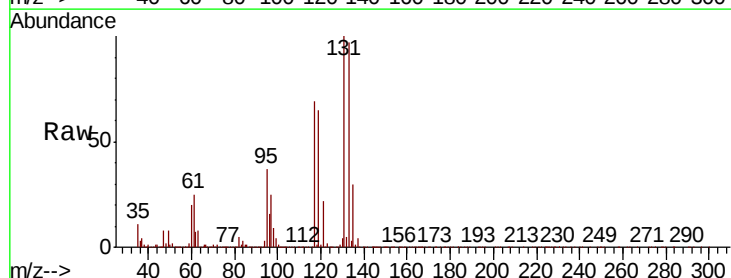
Tgt Ion:131 Resp: 106222

Ion Ratio Lower Upper

131 100

133 97.6 47.3 142.0

119 66.4 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

150000

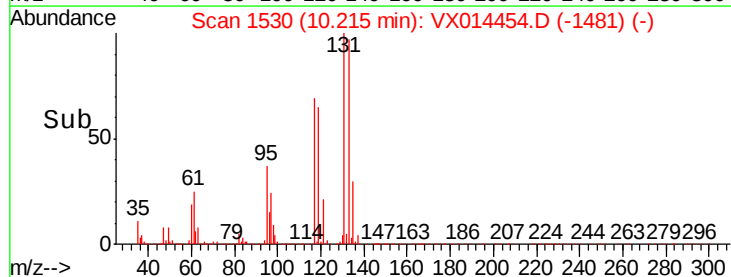
100000

50000

0

10.10 10.21 10.30

Time-->

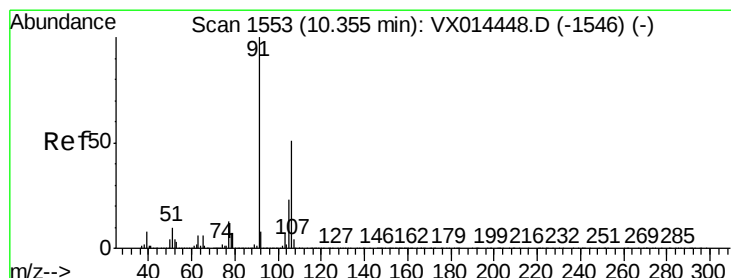
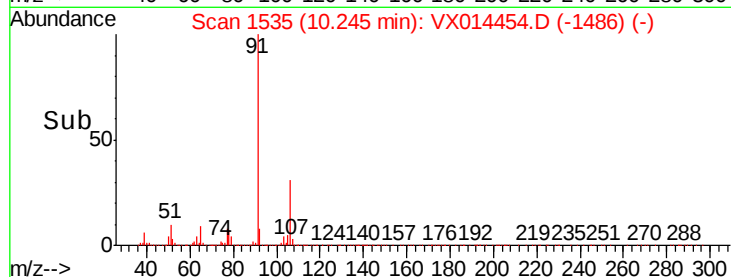
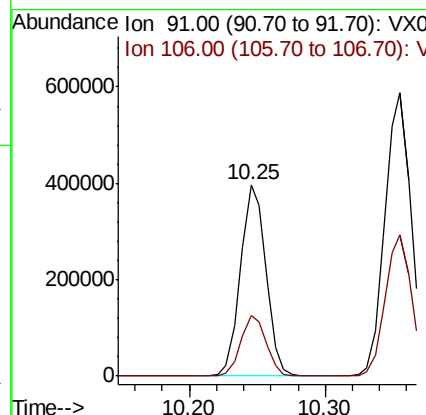
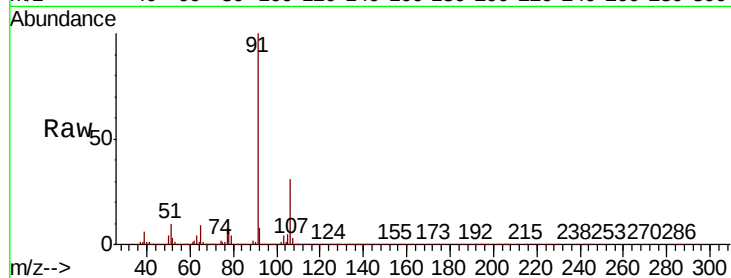




#67
Ethyl Benzene
Concen: 19.378 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

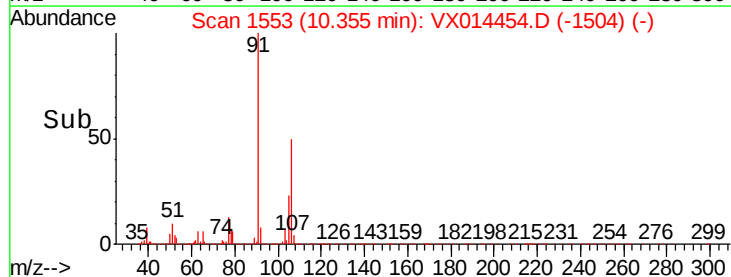
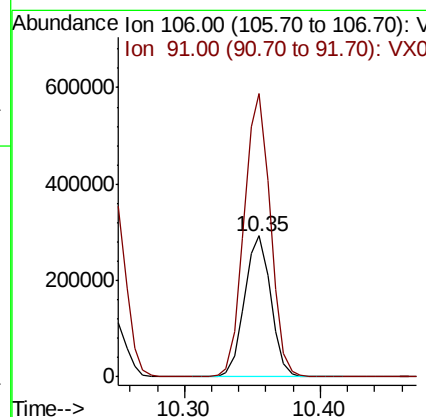
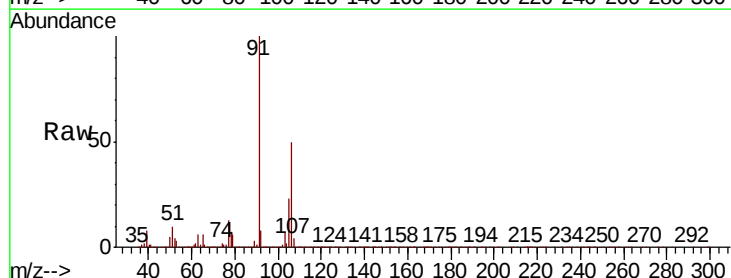
Instrument :
MSVOA_X
ClientSampleId :

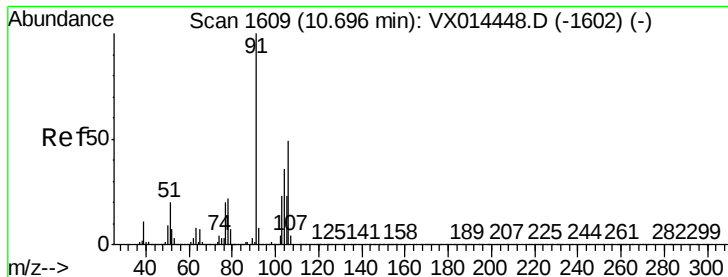
Tot Ion: 91 Resp: 518242
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#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

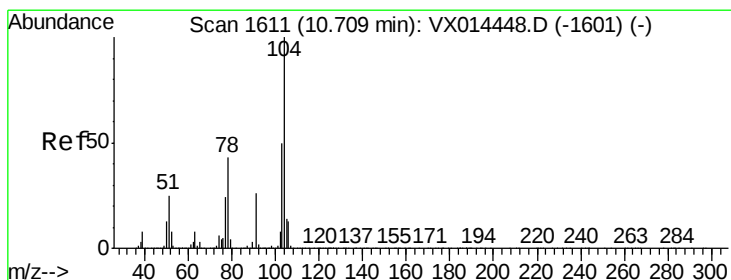
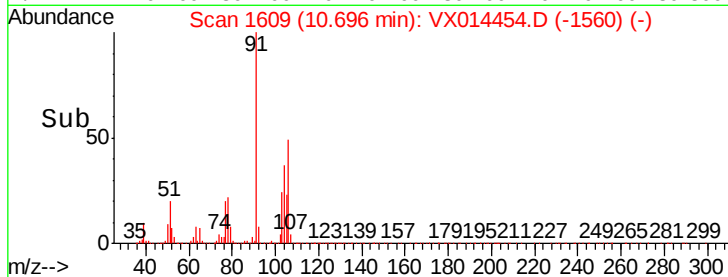
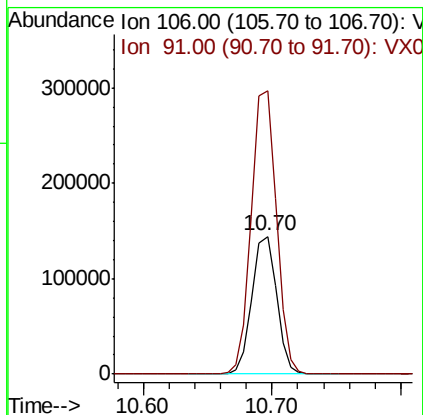
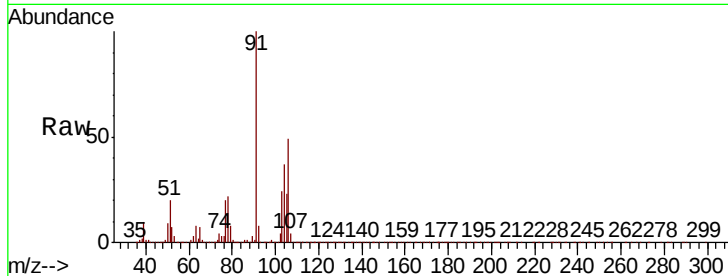




#69
o-Xylene
Concen: 19.466 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

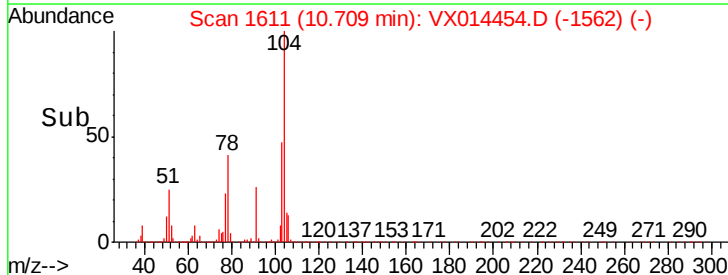
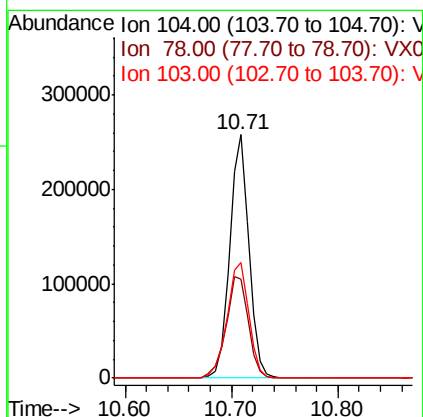
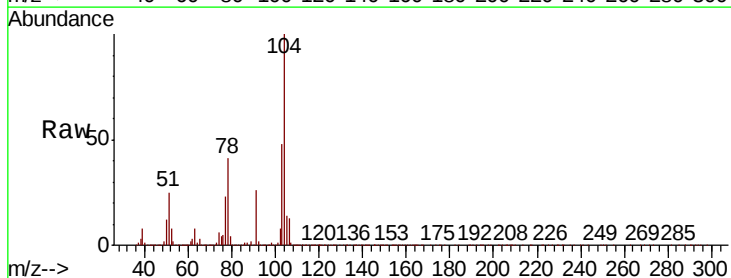
Instrument :
MSVOA_X
ClientSampleId :

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

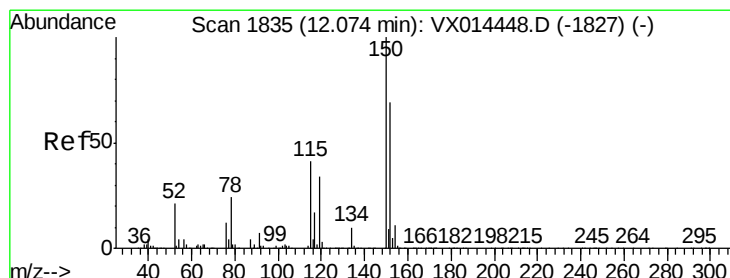
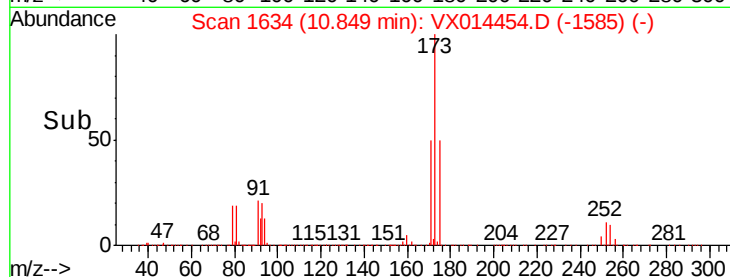
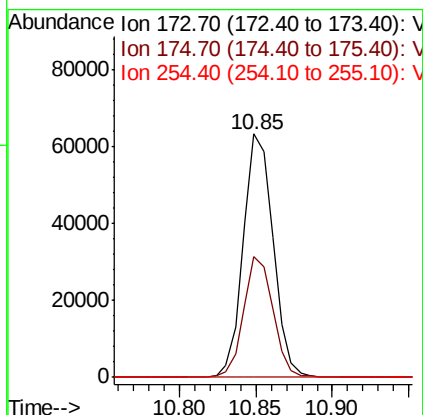
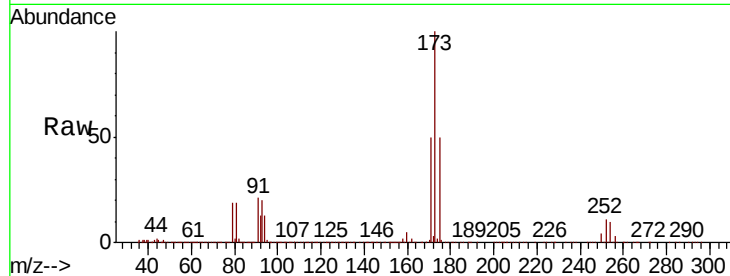




#71
Bromoform
Concen: 18.768 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

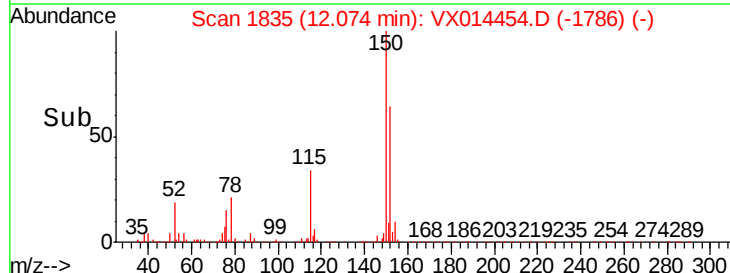
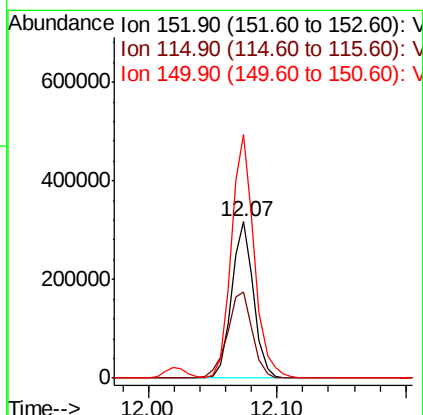
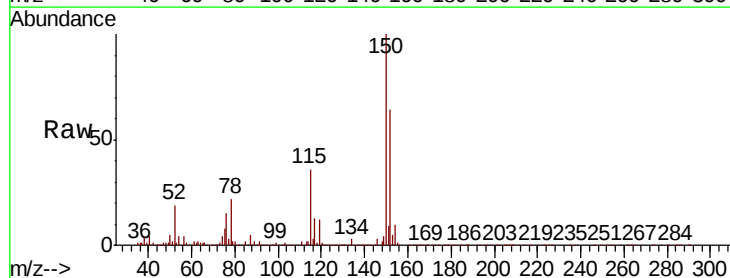
Instrument :
MSVOA_X
ClientSampleId :

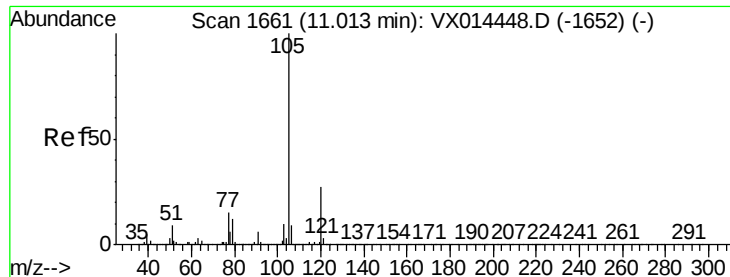
Tot Ion:173 Resp: 85984
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.2 0.2



#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





#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

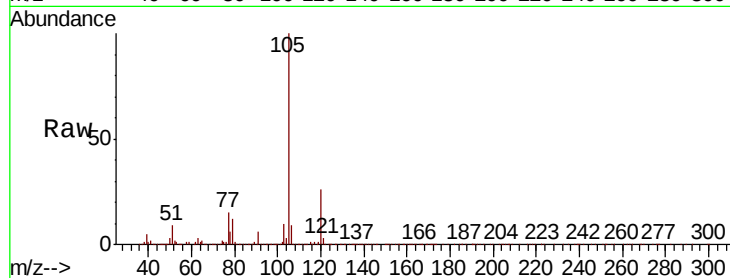
ClientSampleId :

Tot Ion:105 Resp: 508900

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

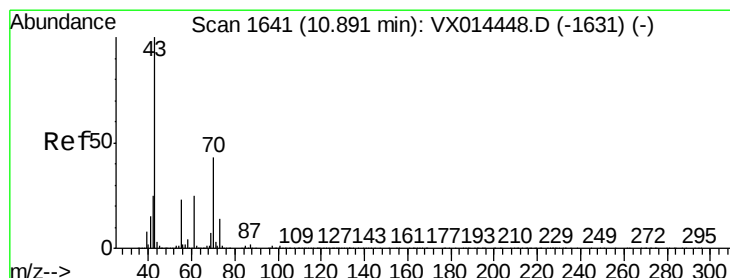
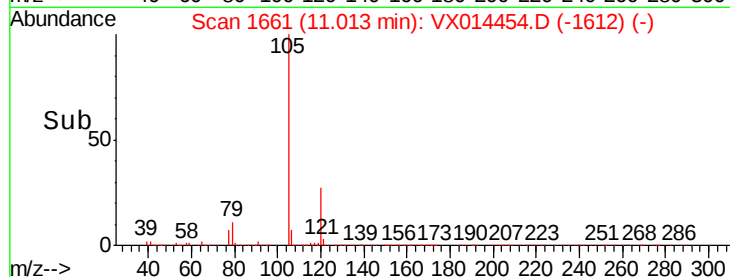
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#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

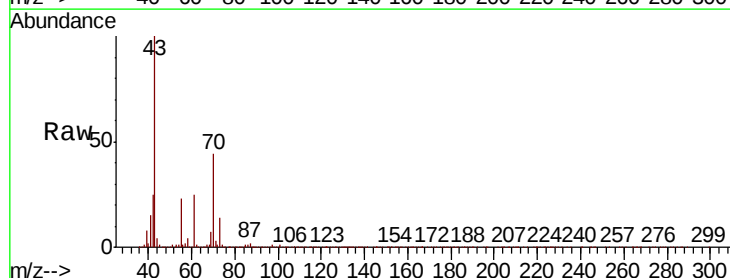
Ion Ratio Lower Upper

43 100

70 42.9 35.1 52.7

55 23.5 19.3 28.9

61 25.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

200000

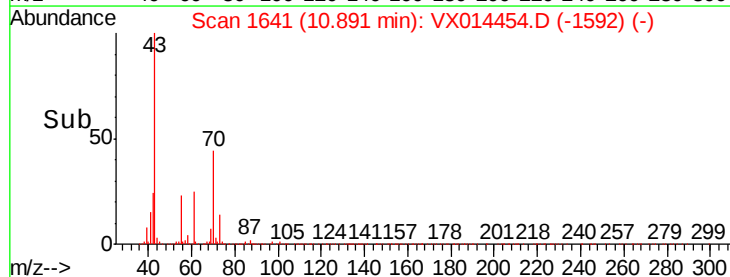
150000

100000

50000

0

Time--> 10.80 10.90 11.00





#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 :

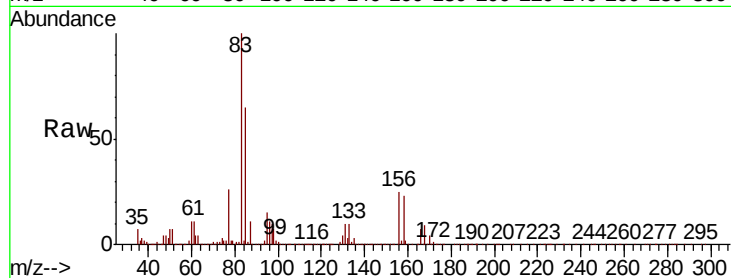
Tot Ion: 83 Resp: 159719

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.4
85	64.4	32.5	97.4

83 100

131 10.8 5.1 15.4

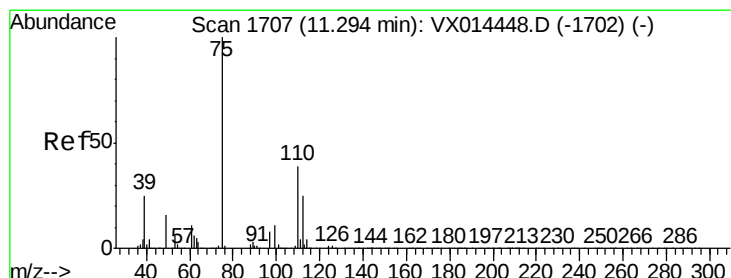
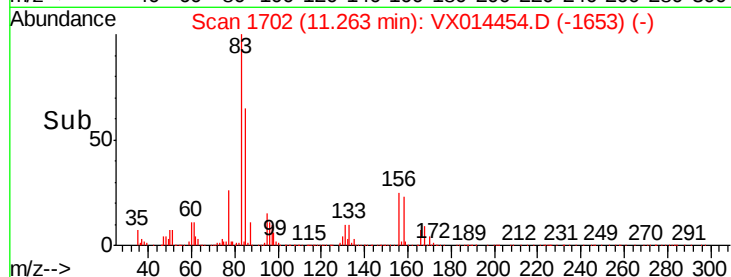
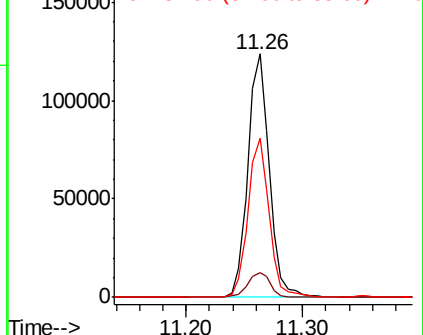
85 64.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.348 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014454.D

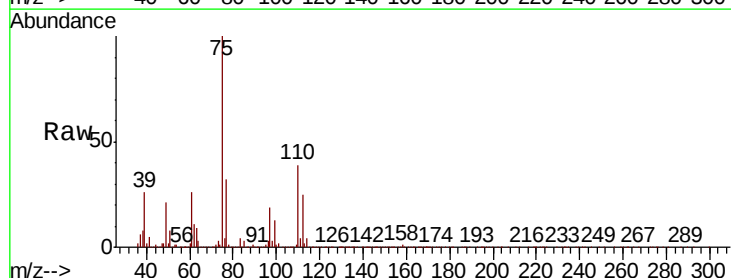
Acq: 07 Jan 2020 17:44

Tgt Ion: 75 Resp: 187908

Ion	Ratio	Lower	Upper
75	100		
77	33.1	21.9	65.7

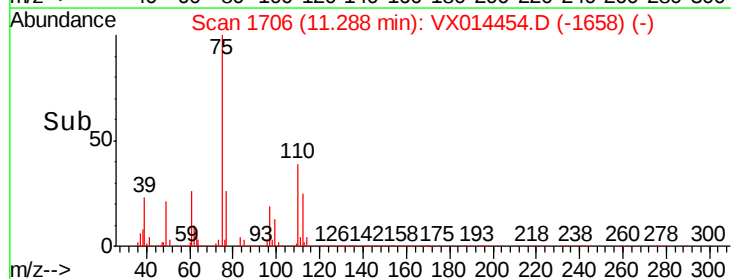
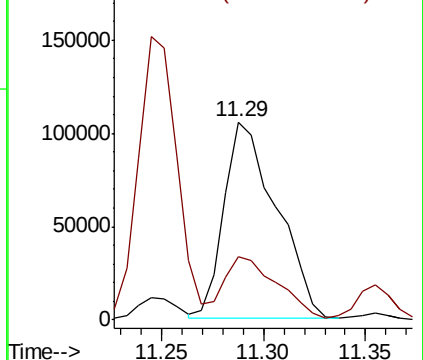
75 100

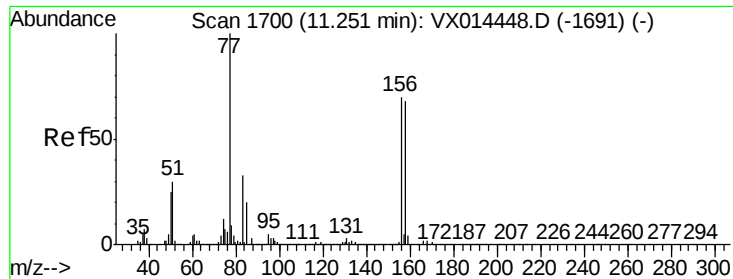
77 33.1 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 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 :

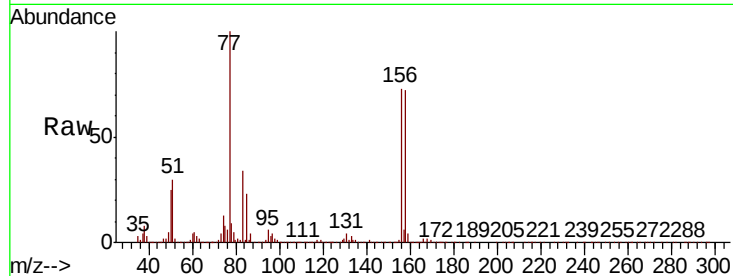
Tot Ion:156 Resp: 134555

Ion Ratio Lower Upper

156 100

77 148.4 75.4 226.3

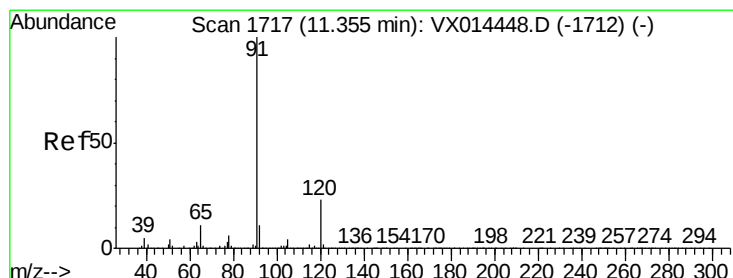
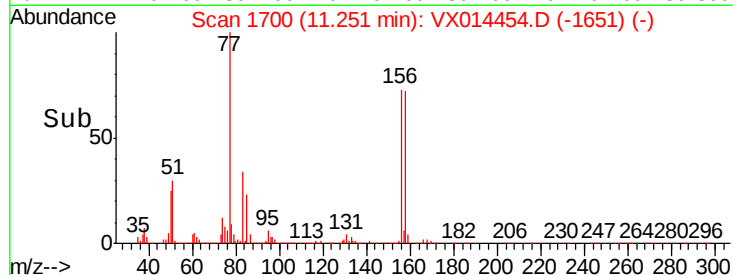
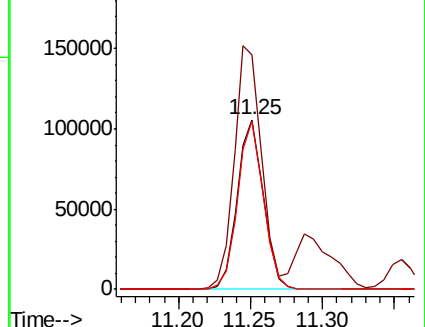
158 97.0 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.393 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014454.D

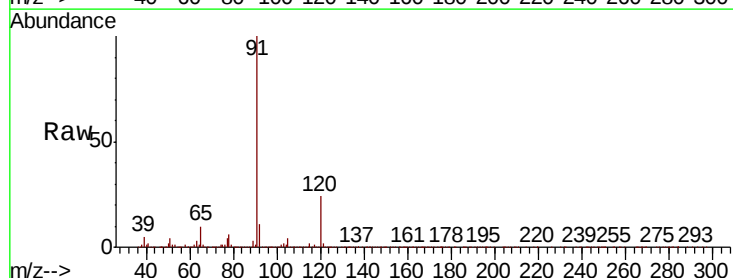
Acq: 07 Jan 2020 17:44

Tgt Ion: 91 Resp: 581728

Ion Ratio Lower Upper

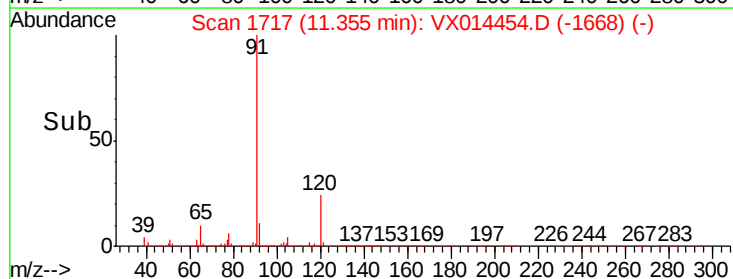
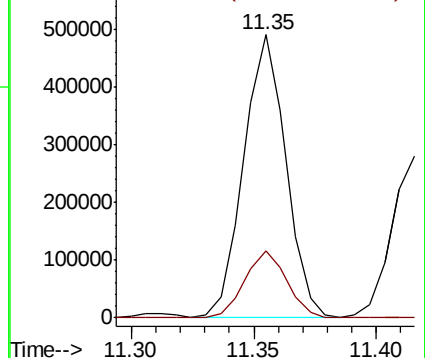
91 100

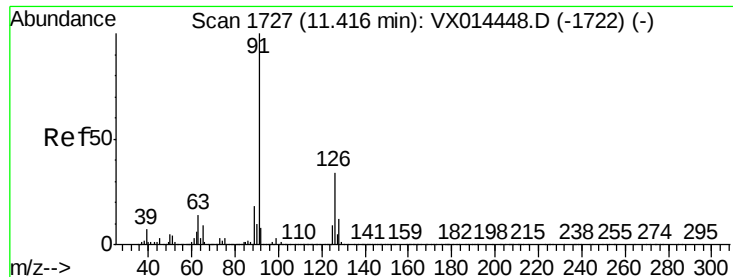
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#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

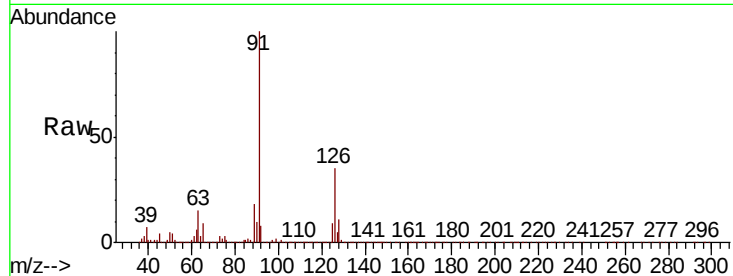
ClientSampleId :

Tot Ion: 91 Resp: 341183

Ion Ratio Lower Upper

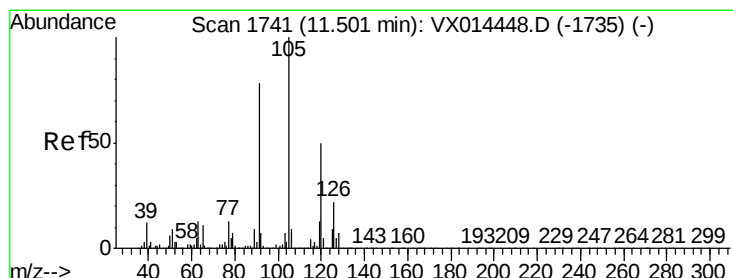
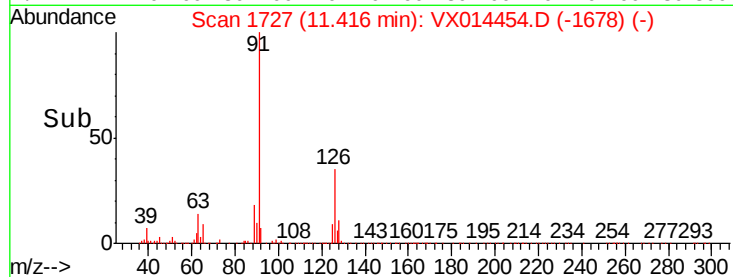
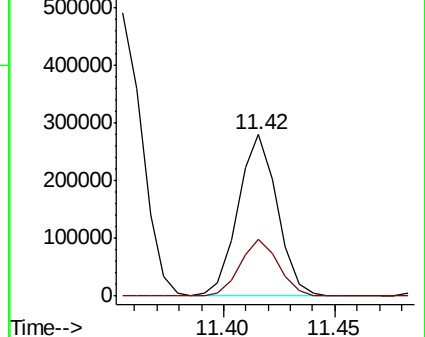
91 100

126 34.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#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

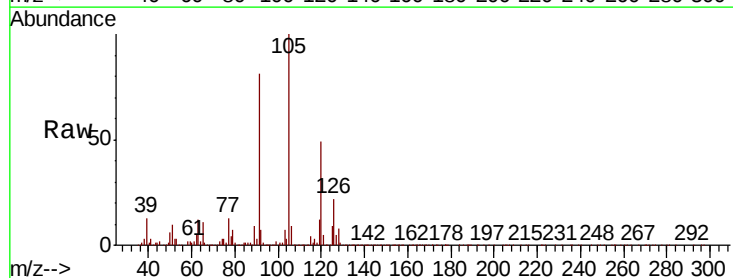
Acq: 07 Jan 2020 17:44

Tgt Ion:105 Resp: 421378

Ion Ratio Lower Upper

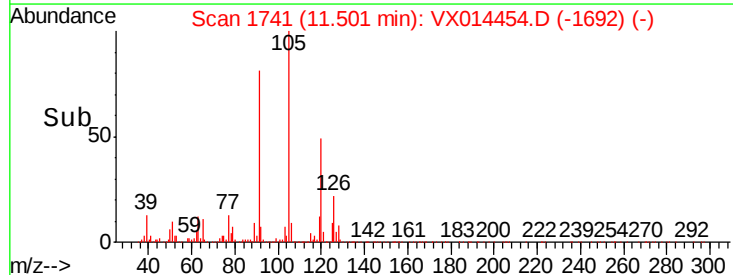
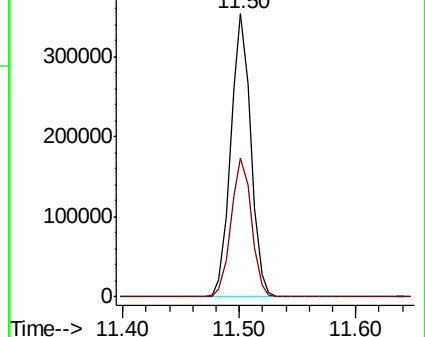
105 100

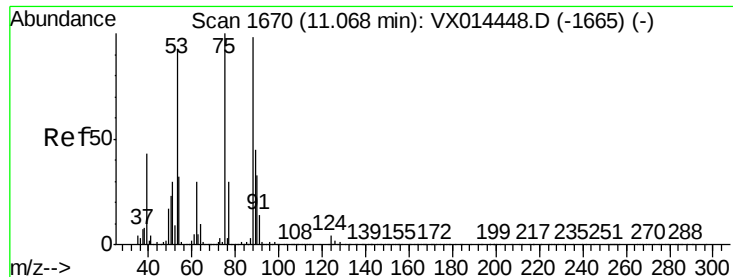
120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

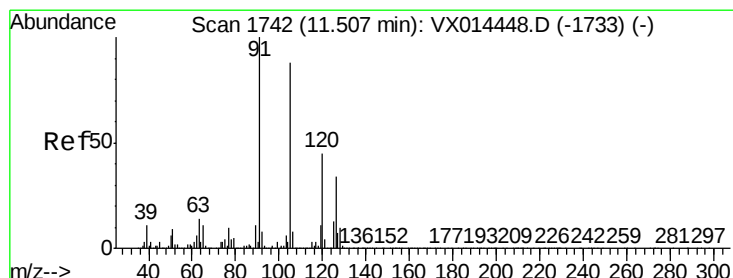
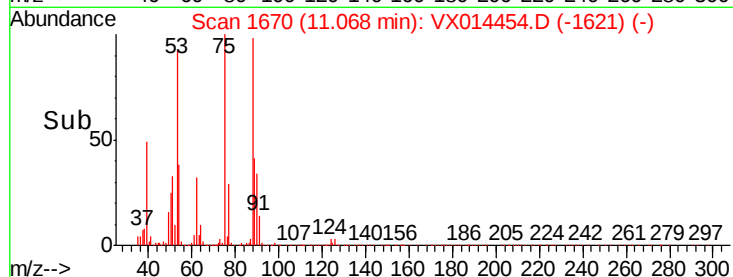
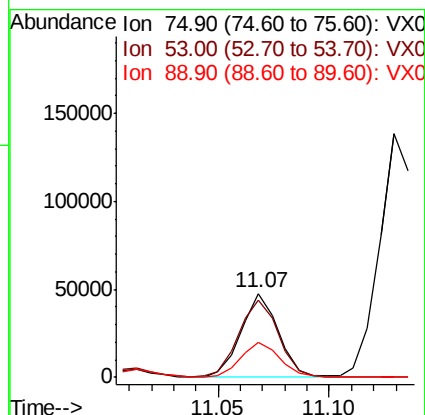
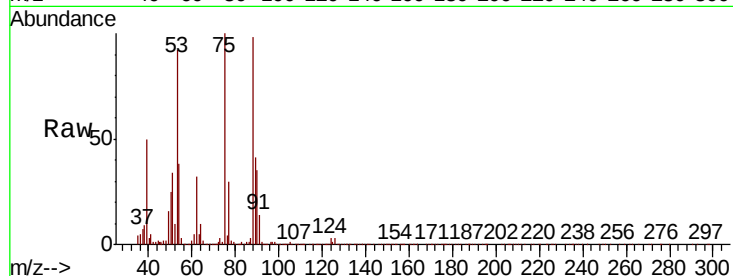




#81
trans-1,4-Dichloro-2-butene
Concen: 18.965 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

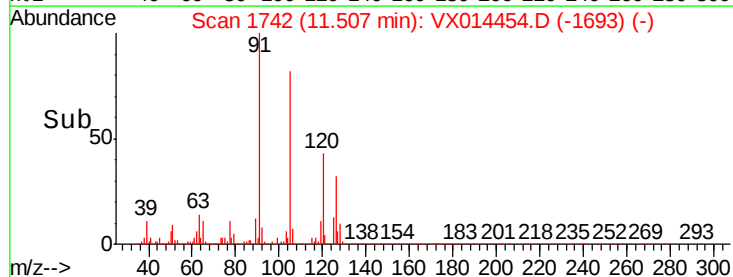
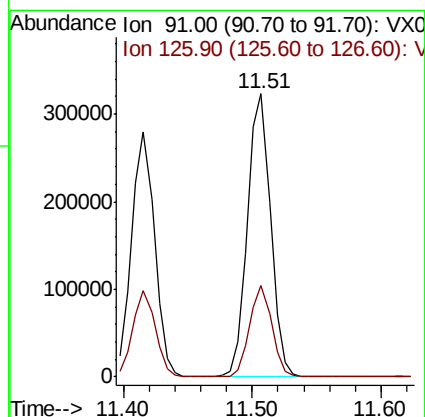
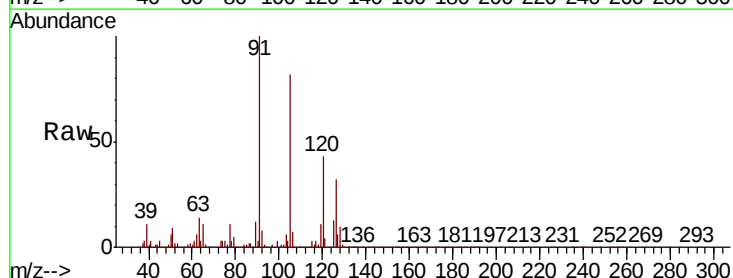
Instrument :
MSVOA_X
ClientSampleId :

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

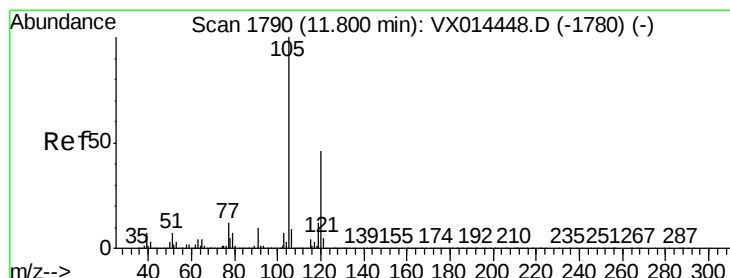
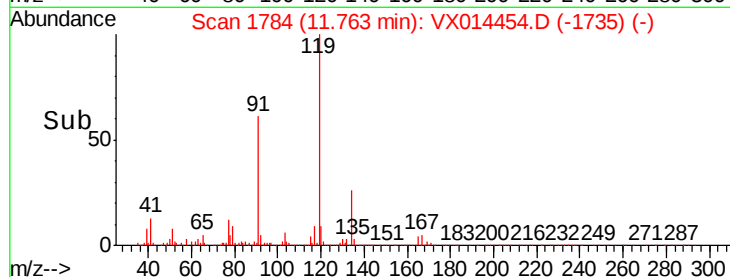
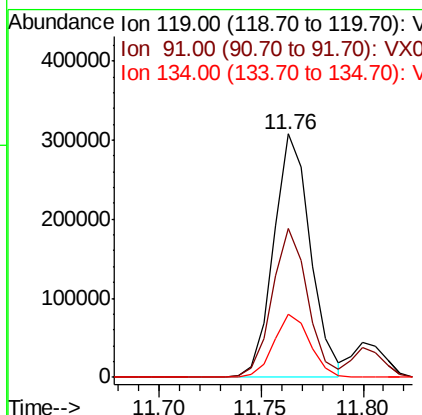
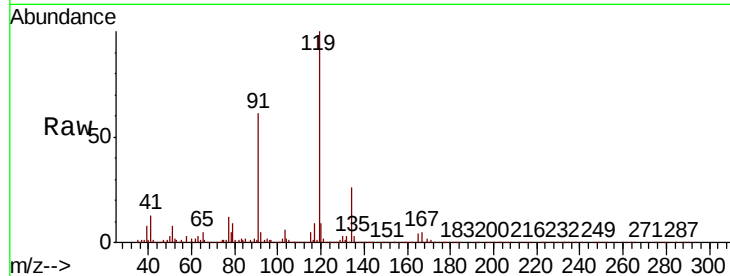




#83
tert-Butylbenzene
Concen: 18.811 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

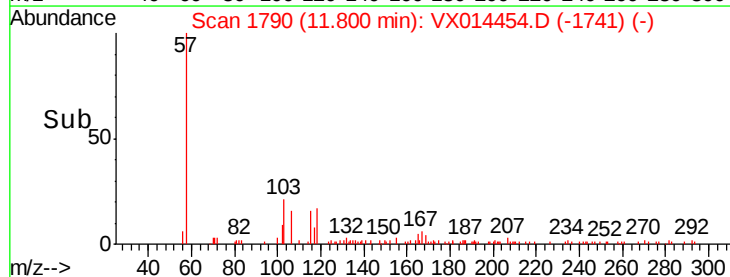
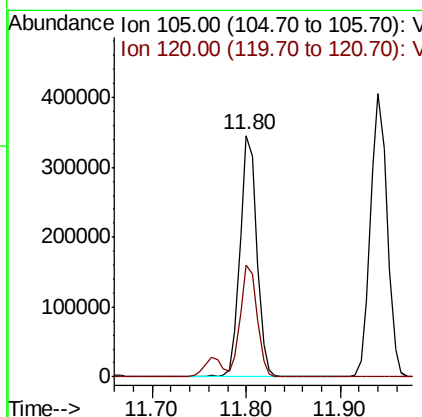
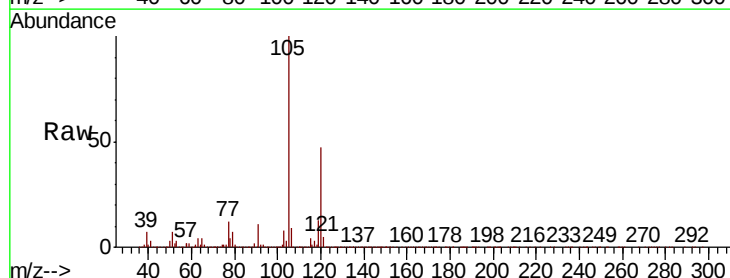
Instrument :
MSVOA_X
ClientSampleId :

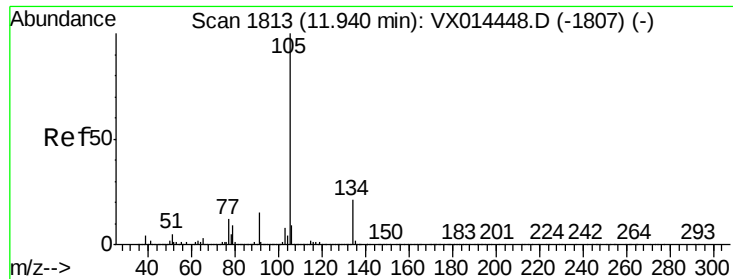
Tot Ion:119 Resp: 386522
Ion Ratio Lower Upper
119 100
91 58.9 29.3 88.0
134 25.6 12.4 37.4



#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

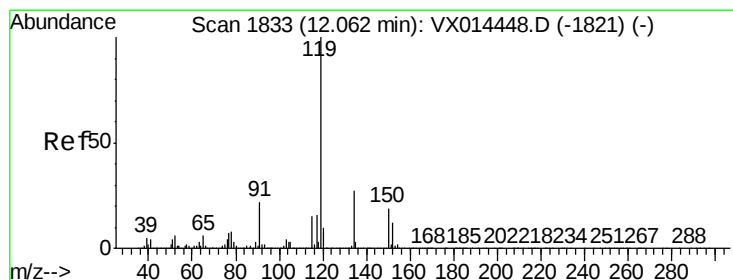
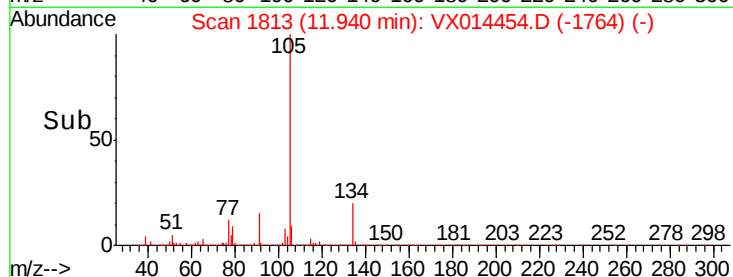
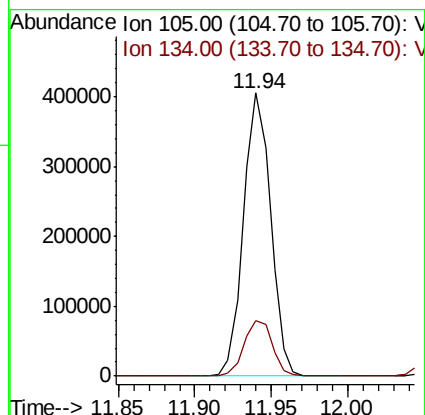
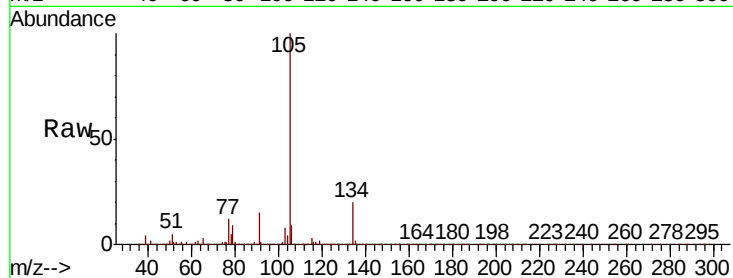




#85
 sec-Butylbenzene
 Concen: 19.572 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

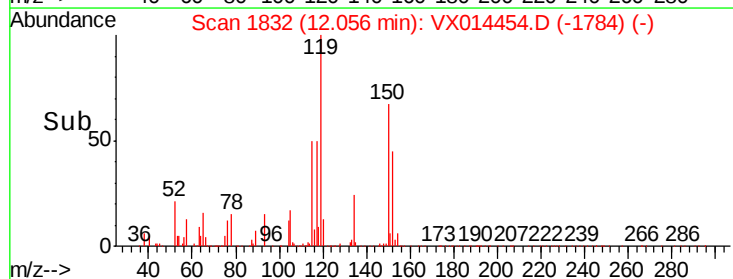
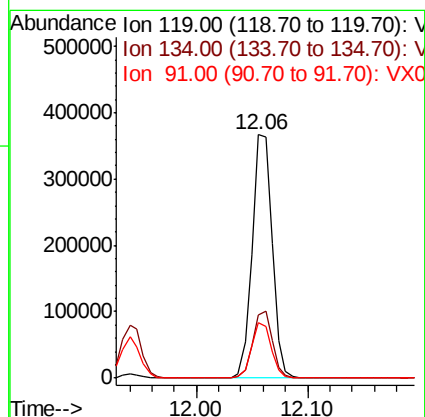
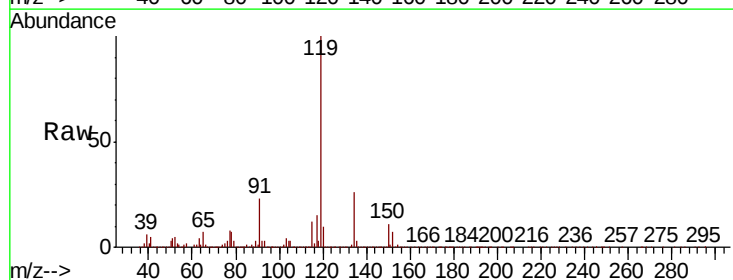
Instrument :
 MSVOA_X
 ClientSampleId :

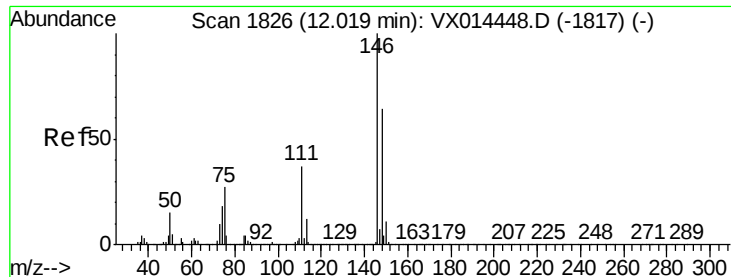
Tot Ion:105 Resp: 499945
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.5



#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

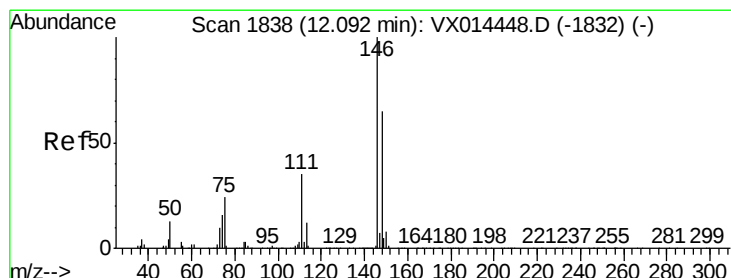
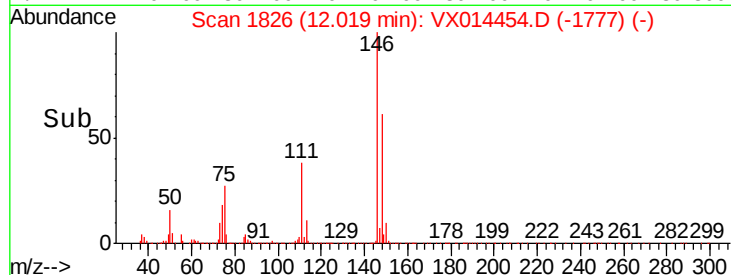
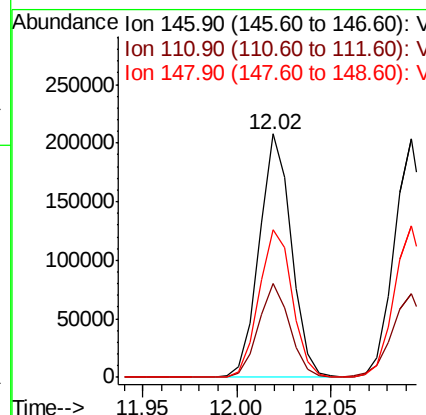
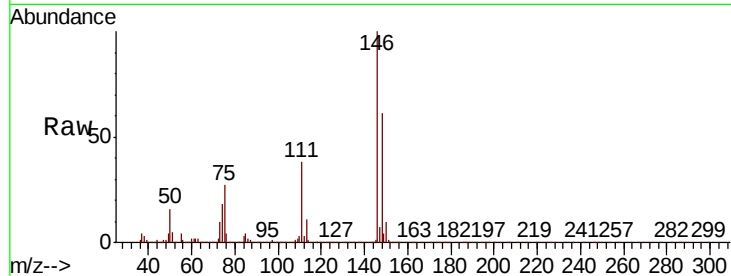
Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :

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

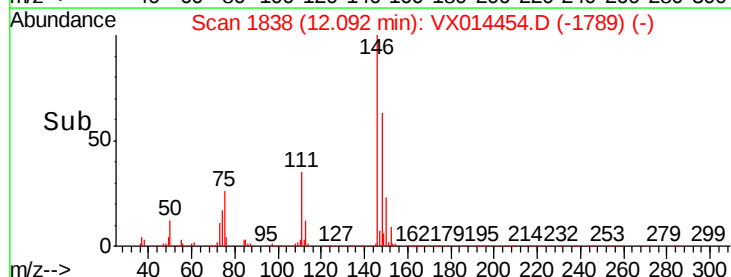
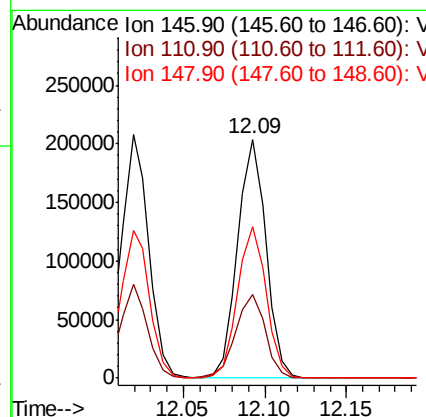
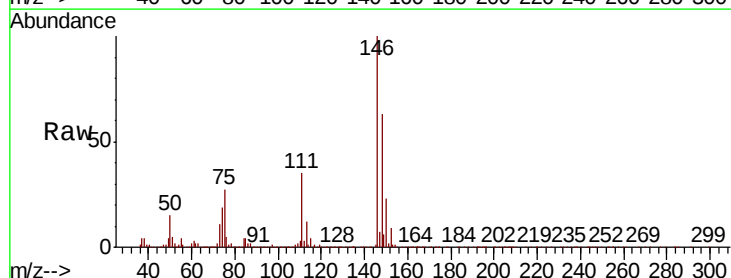
RT: 12.09 min Scan# 1838

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

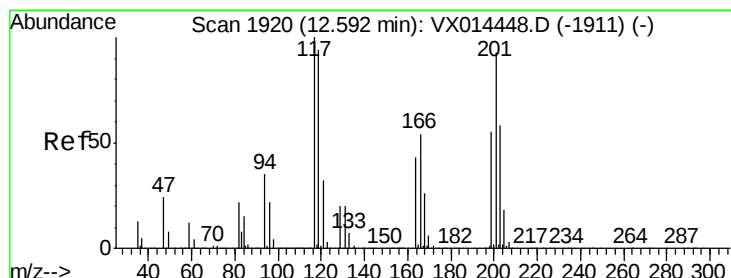
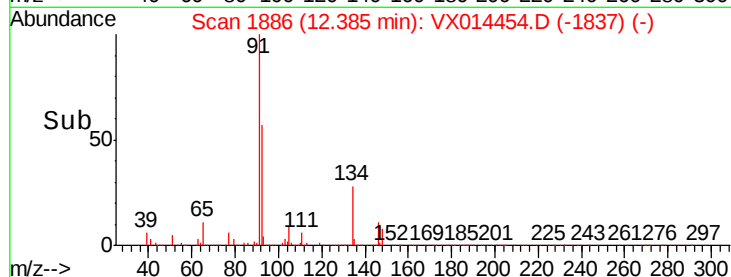
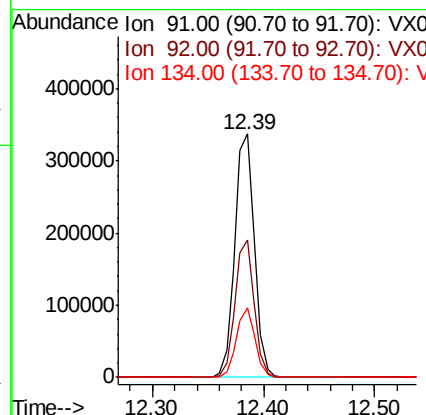
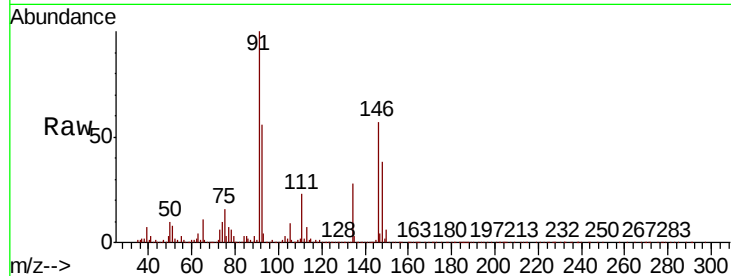




#89
n-Butylbenzene
Concen: 18.806 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

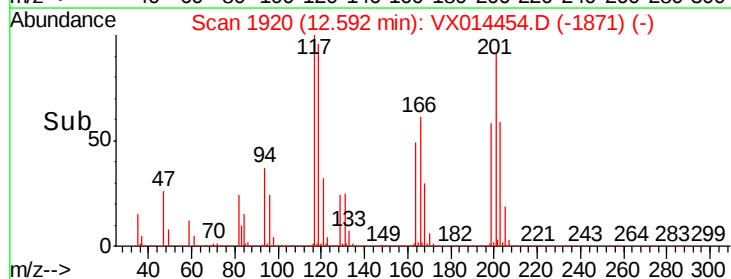
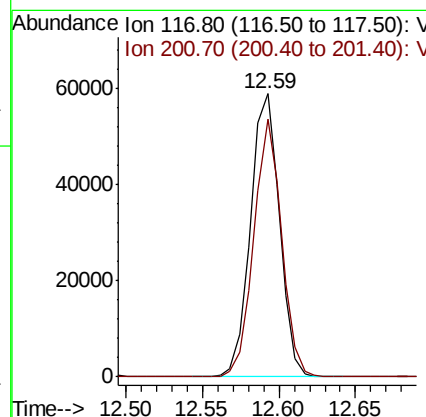
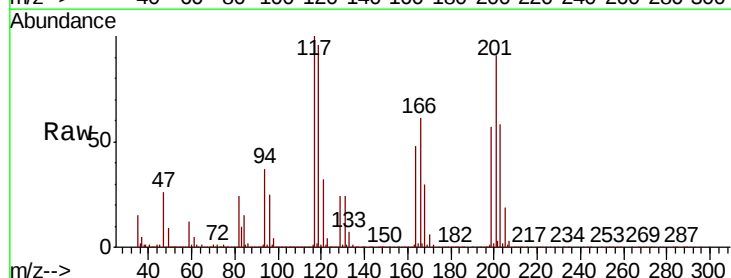
Instrument :
MSVOA_X
ClientSampleId :

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

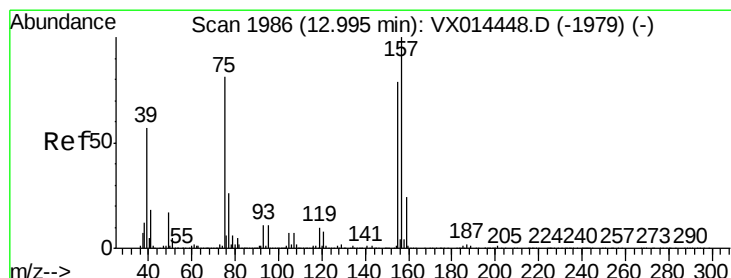
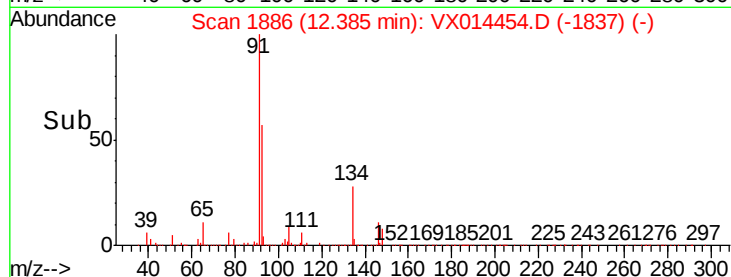
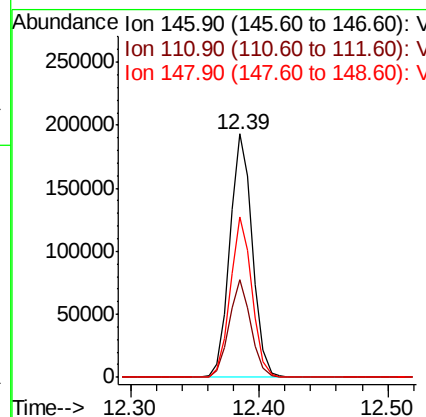
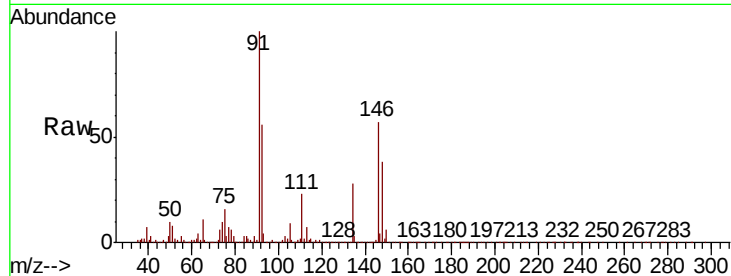




#91
 1,2-Dichlorobenzene
 Concen: 18.603 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

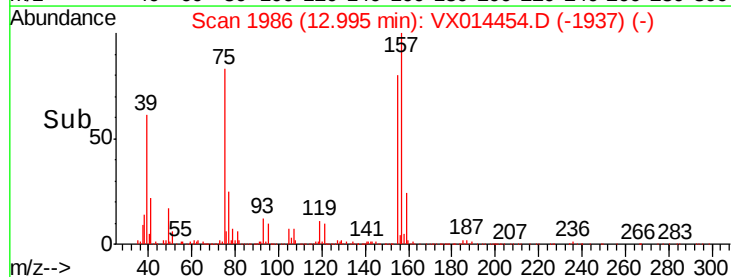
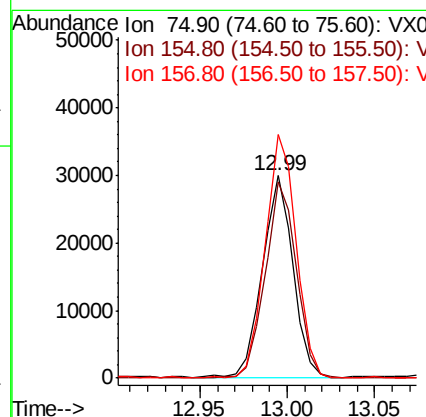
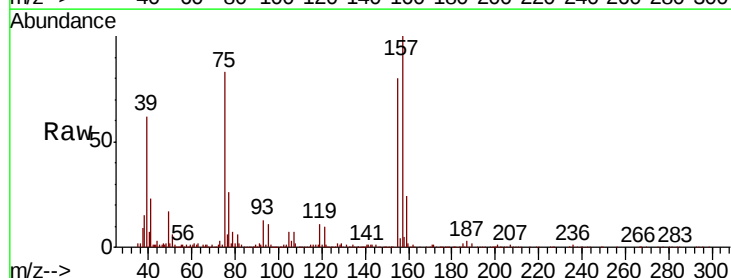
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.4
148	63.6	32.3	96.8



#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	Ratio	Lower	Upper
75	100		
155	99.4	48.7	146.1
157	122.9	62.0	185.9

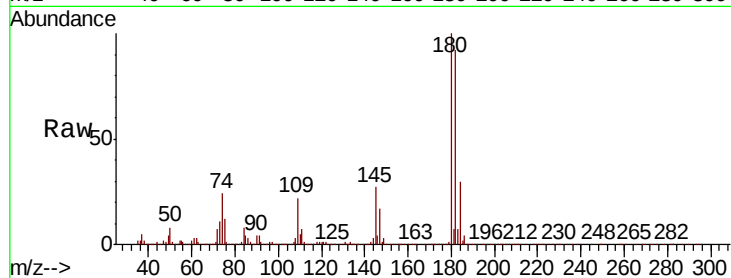




#93
 1,2,4-Trichlorobenzene
 Concen: 19.431 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :

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

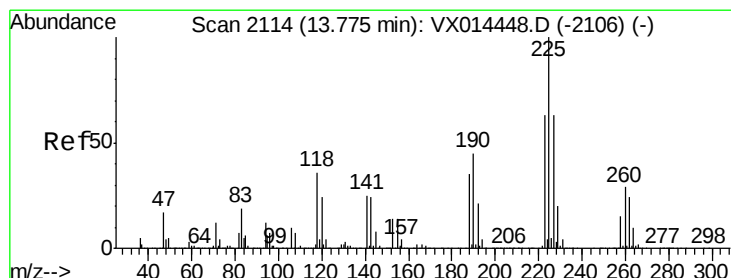
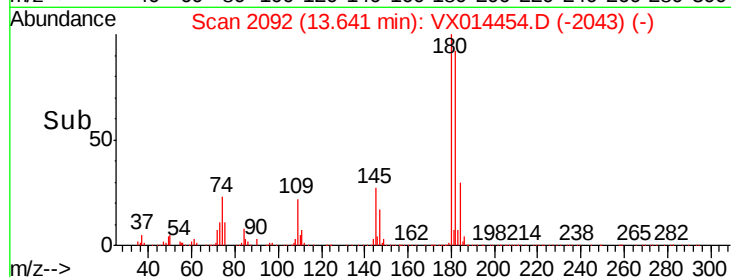
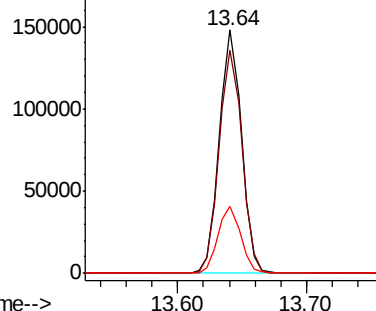


Abundance

Ion 179.80 (179.50 to 180.50): V

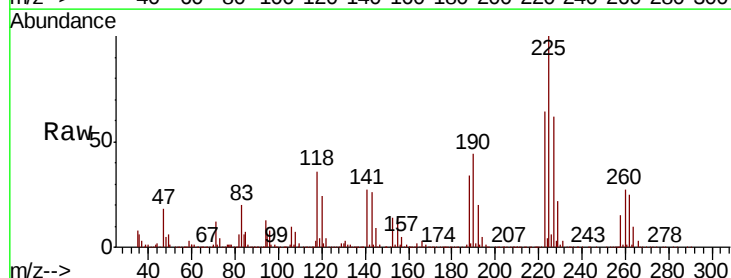
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 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

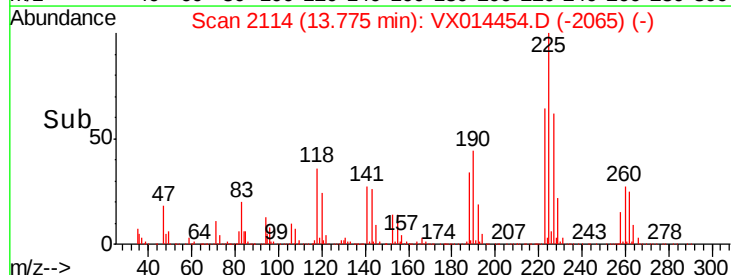
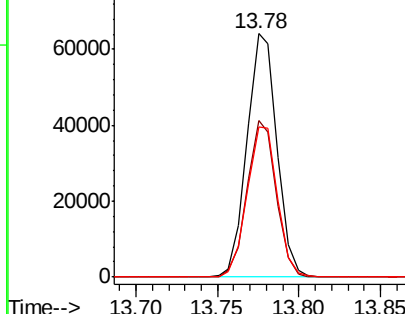


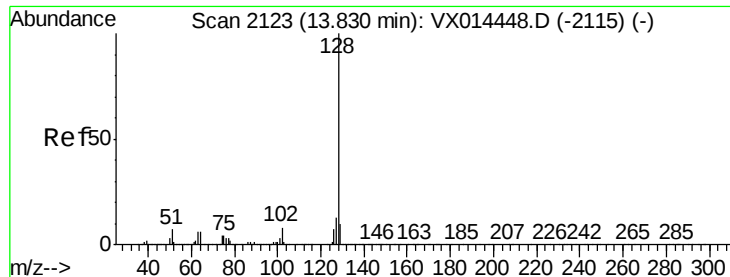
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.781 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 :

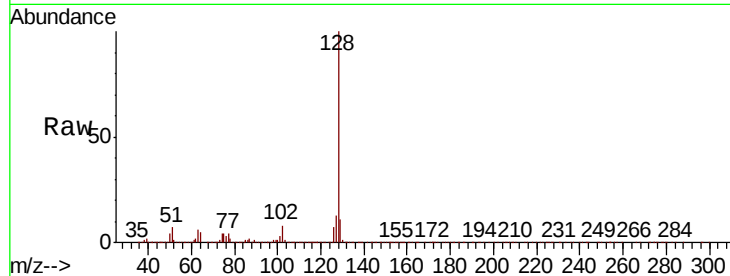
Tot Ion:128 Resp: 522546

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

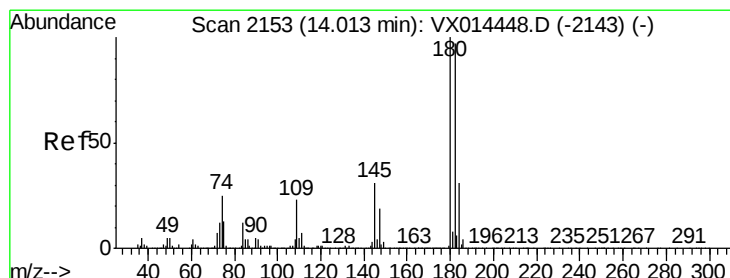
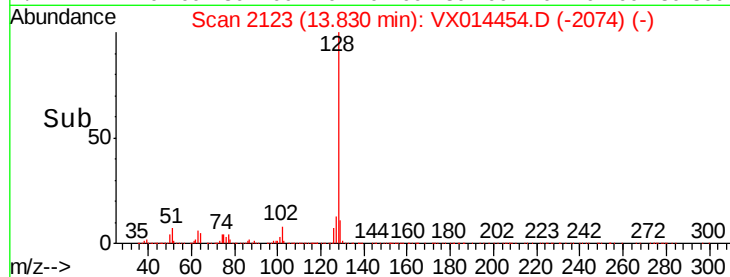
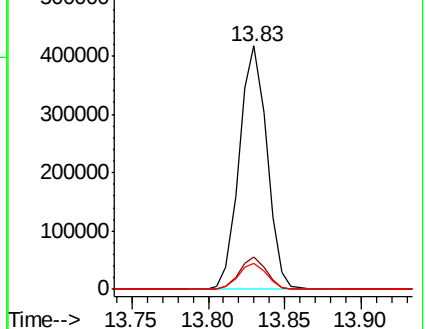
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#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

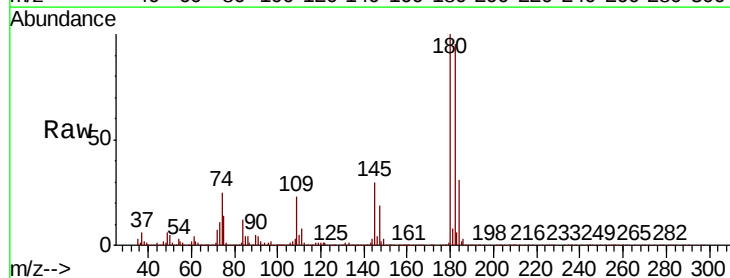
Tgt Ion:180 Resp: 174313

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.6

145 29.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

