

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014750.D
 Acq On : 28 Jan 2020 14:55
 Operator : JC/SP
 Sample : VX0128MBS01
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:19:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306592	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	236381	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
35) Dibromofluoromethane	5.48	113	193277	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
50) Toluene-d8	8.71	98	744457	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.13	95	262597	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	107209	17.977	ug/l	99
3) Chloromethane	1.32	50	106035	17.304	ug/l	99
4) Vinyl Chloride	1.40	62	121114	18.280	ug/l	98
5) Bromomethane	1.63	94	69508	15.445	ug/l	100
6) Chloroethane	1.72	64	69508	17.435	ug/l	98
7) Trichlorofluoromethane	1.92	101	139333	18.061	ug/l	96
8) Diethyl Ether	2.17	74	58455	17.360	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83006	18.328	ug/l	98
10) Methyl Iodide	2.50	142	103709	17.452	ug/l	98
11) Tert butyl alcohol	3.02	59	94338	79.439	ug/l	97
12) 1,1-Dichloroethene	2.37	96	78210	17.369	ug/l	99
13) Acrolein	2.28	56	61083	65.235	ug/l	97
14) Allyl chloride	2.72	41	141864	17.528	ug/l	98
15) Acrylonitrile	3.12	53	233905	85.127	ug/l	99
16) Acetone	2.43	43	200424	69.244	ug/l	99
17) Carbon Disulfide	2.56	76	201850	16.402	ug/l	99
18) Methyl Acetate	2.76	43	144513	17.464	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	261905	17.758	ug/l	99
20) Methylene Chloride	2.84	84	94001	17.523	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	87096	17.567	ug/l	98
22) Diisopropyl ether	3.84	45	292284	18.151	ug/l	93
23) Vinyl Acetate	3.80	43	1076038	87.662	ug/l	99
24) 1,1-Dichloroethane	3.69	63	157466	18.007	ug/l	99
25) 2-Butanone	4.65	43	324733	78.182	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121785	17.399	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	99596	17.949	ug/l	97
28) Bromochloromethane	5.00	49	68063	17.712	ug/l	98
29) Tetrahydrofuran	5.11	42	210683	85.463	ug/l	98
30) Chloroform	5.20	83	156897	18.112	ug/l	100
31) Cyclohexane	5.57	56	144074	17.517	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	130521	17.825	ug/l	98
36) 1,1-Dichloropropene	5.79	75	116422	18.828	ug/l	98
37) Ethyl Acetate	4.81	43	127106	17.947	ug/l	99
38) Carbon Tetrachloride	5.77	117	110082	18.640	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144029	18.592	ug/l	94
40) Benzene	6.13	78	356228	18.645	ug/l	99
41) Methacrylonitrile	5.02	41	69721	17.088	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124892	18.929	ug/l	98
43) Isopropyl Acetate	6.43	43	205700	17.736	ug/l	99
44) Trichloroethene	7.20	130	99644	18.464	ug/l	95
45) 1,2-Dichloropropane	7.51	63	94891	19.278	ug/l	97
46) Dibromomethane	7.65	93	60084	18.848	ug/l	100
47) Bromodichloromethane	7.89	83	118240	18.911	ug/l	98
48) Methyl methacrylate	7.76	41	102982	18.584	ug/l	98
49) 1,4-Dioxane	7.73	88	42147	358.813	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	657455	89.818	ug/l	100
52) Toluene	8.78	92	222749	18.966	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	125957	18.709	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139530	18.839	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91538	19.037	ug/l	99
56) Ethyl methacrylate	9.17	69	135806	17.849	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157597	19.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	231724	95.823	ug/l	100
59) 2-Hexanone	9.48	43	492425	86.693	ug/l	99
60) Dibromochloromethane	9.57	129	93015	18.532	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94606	18.608	ug/l	100
64) Tetrachloroethene	9.33	164	110247	18.307	ug/l	97
65) Chlorobenzene	10.14	112	243185	18.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86244	17.975	ug/l	97
67) Ethyl Benzene	10.25	91	422871	19.032	ug/l	99
68) m/p-Xylenes	10.35	106	319385	37.942	ug/l	98
69) o-Xylene	10.70	106	154599	19.024	ug/l	99
70) Styrene	10.71	104	265882	19.505	ug/l	98
71) Bromoform	10.85	173	68080	17.843	ug/l	# 99
73) Isopropylbenzene	11.01	105	410106	19.024	ug/l	99
74) N-amyl acetate	10.89	43	176056	18.637	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	131207	17.046	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	152111	21.325	ug/l	93
77) Bromobenzene	11.25	156	107283	18.525	ug/l	98
78) n-propylbenzene	11.35	91	476852	19.487	ug/l	100
79) 2-Chlorotoluene	11.42	91	278770	18.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346199	19.349	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39822	15.887	ug/l	92
82) 4-Chlorotoluene	11.51	91	324860	19.273	ug/l	100
83) tert-Butylbenzene	11.76	119	320201	19.045	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349485	19.474	ug/l	99
85) sec-Butylbenzene	11.94	105	402019	19.519	ug/l	100
86) p-Isopropyltoluene	12.06	119	367365	19.300	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	192733	18.518	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192267	18.442	ug/l	99
89) n-Butylbenzene	12.38	91	314218	18.954	ug/l	100
90) Hexachloroethane	12.59	117	63198	17.875	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	195558	18.918	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26943	16.292	ug/l	93

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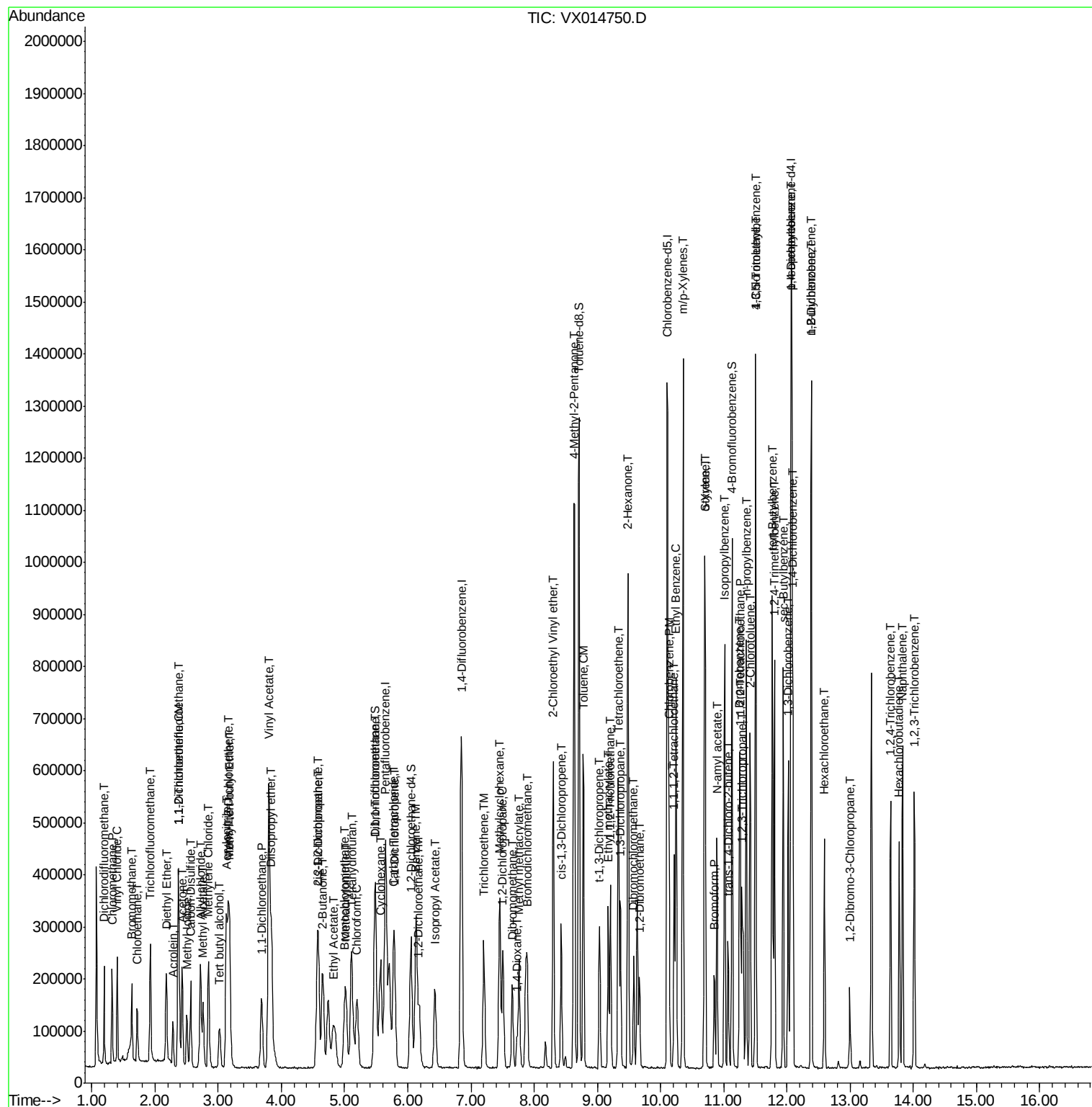
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127738	19.167	ug/l	98
94) Hexachlorobutadiene	13.77	225	67340	19.631	ug/l	99
95) Naphthalene	13.83	128	371040	17.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129466	19.212	ug/l	97

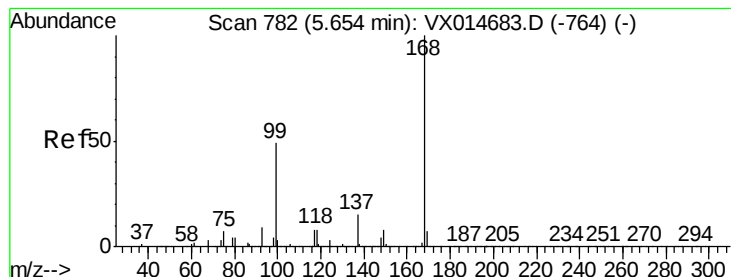
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012820\
Data File : VX014750.D
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Operator : JC/SP
Sample : VX0128MBS01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
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ClientSampleId :

Quant Time: Jan 28 23:19:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

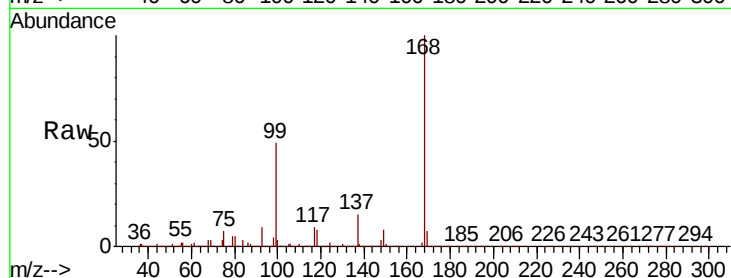
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 452960

Ion Ratio Lower Upper

168 100

99 48.8 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

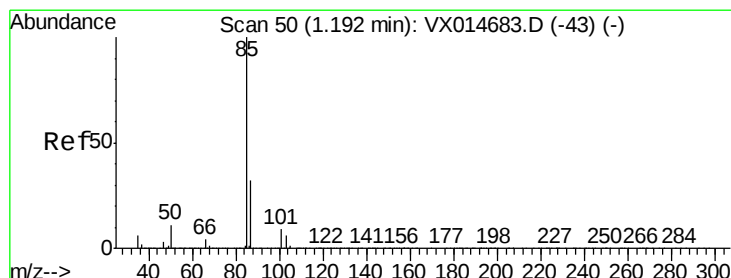
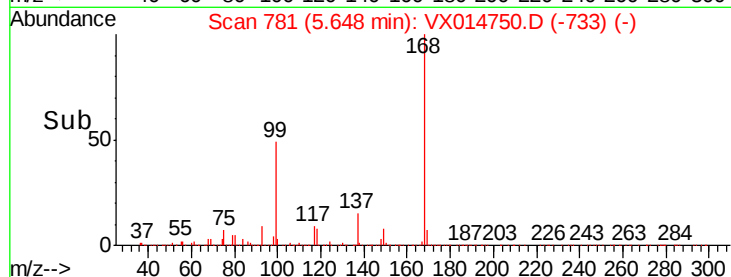
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.977 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014750.D

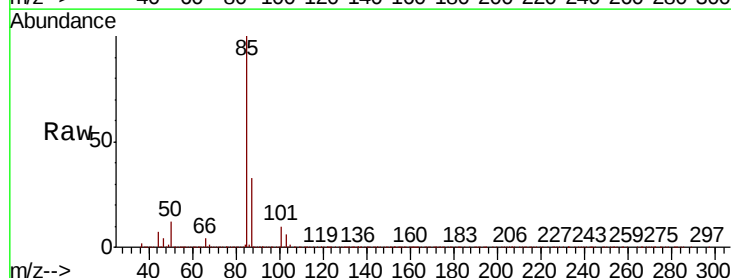
Acq: 28 Jan 2020 14:55

Tgt Ion: 85 Resp: 107209

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

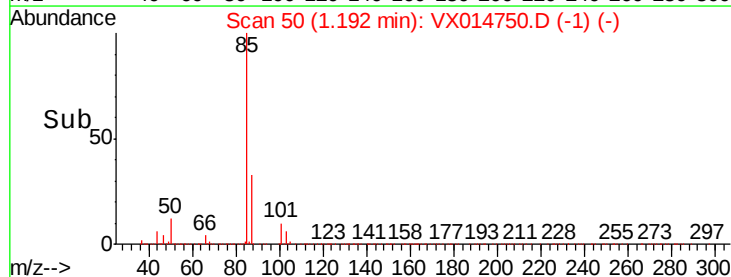
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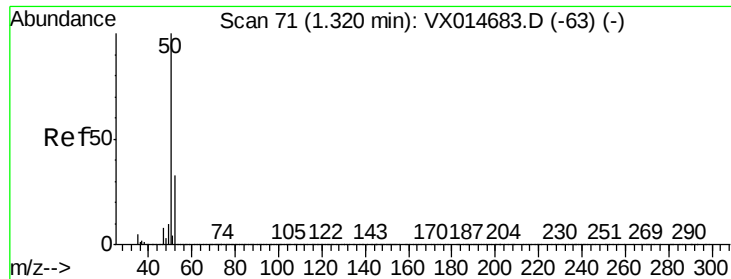
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Time-->

1.10 1.15 1.20 1.25 1.30

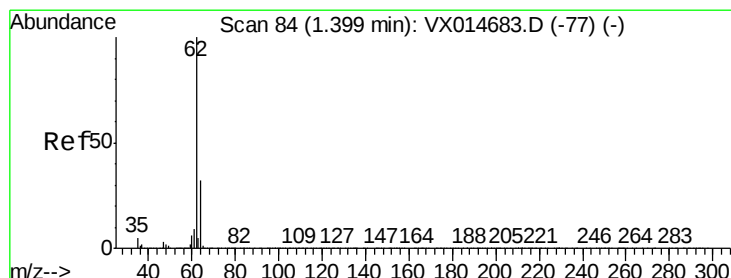
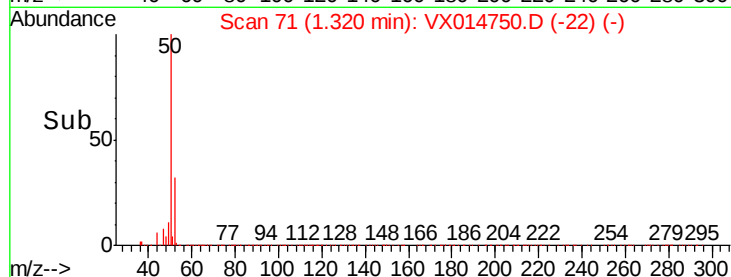
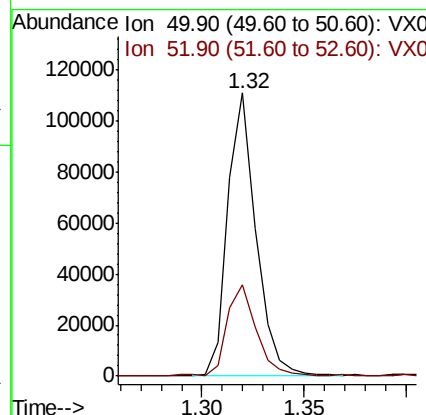
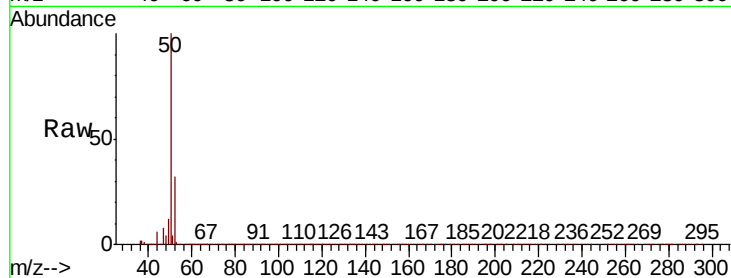




#3
Chloromethane
Concen: 17.304 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

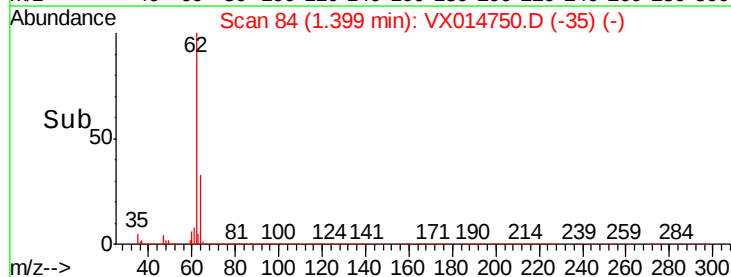
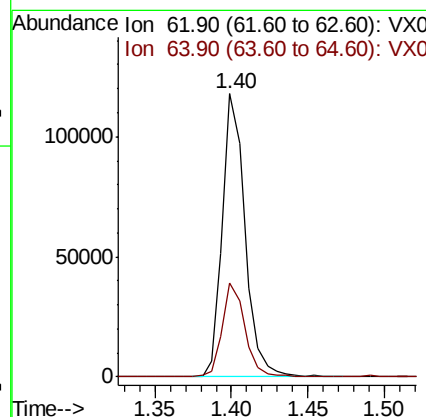
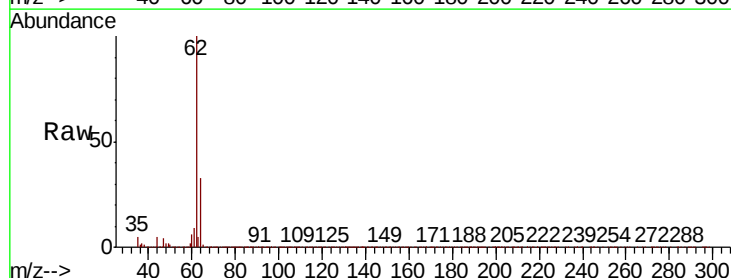
Instrument :
MSVOA_X
ClientSampled :

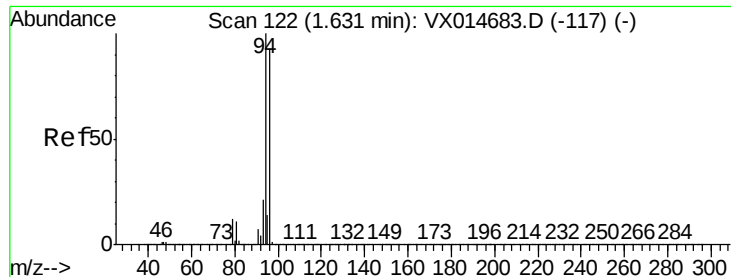
Tot Ion: 50 Resp: 106035
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2



#4
Vinyl Chloride
Concen: 18.280 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 62 Resp: 121114
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.2





#5

Bromomethane

Concen: 15.445 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

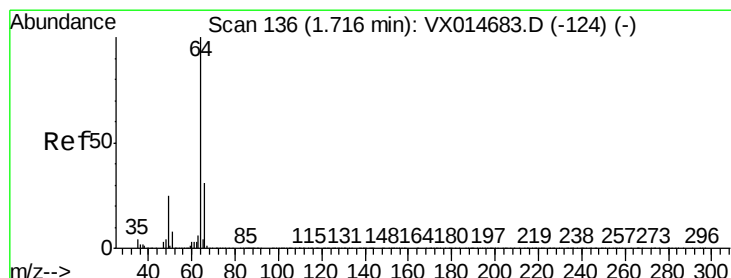
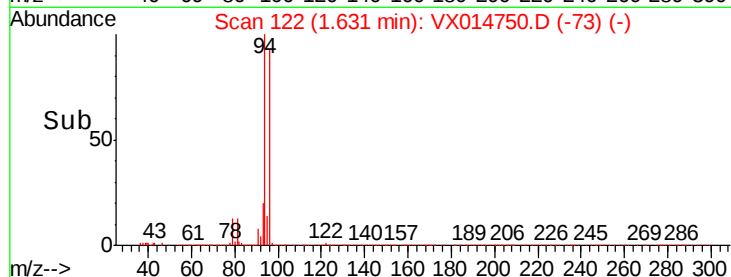
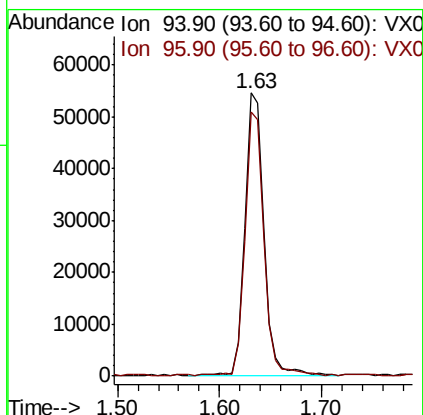
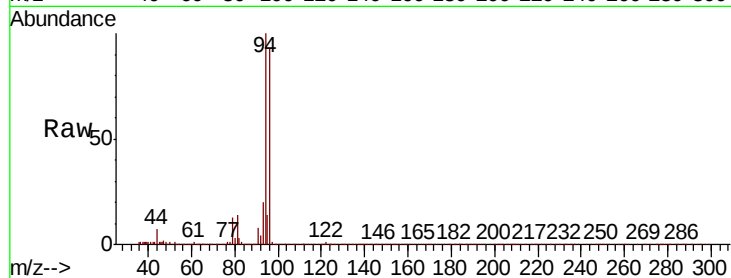
ClientSampleId :

Tot Ion: 94 Resp: 69508

Ion Ratio Lower Upper

94 100

96 93.2 74.7 112.1



#6

Chloroethane

Concen: 17.435 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014750.D

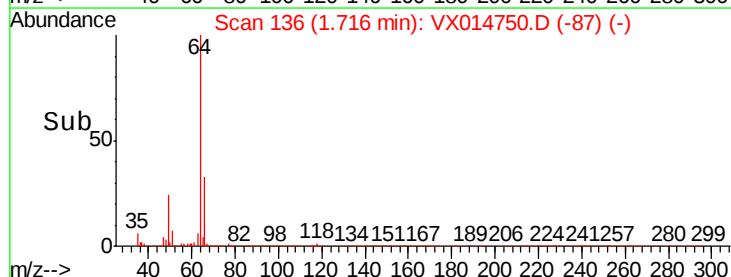
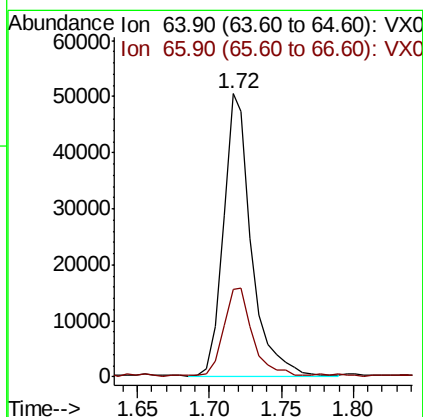
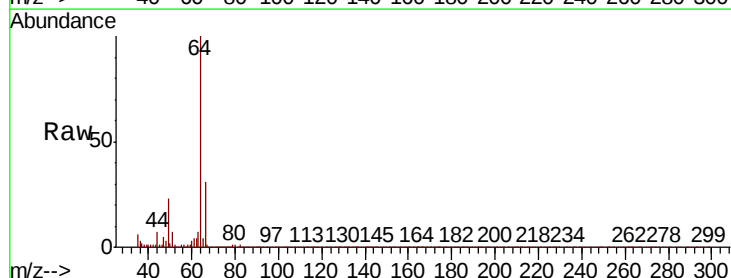
Acq: 28 Jan 2020 14:55

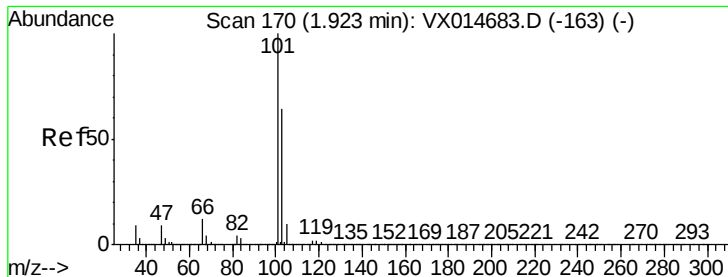
Tgt Ion: 64 Resp: 69508

Ion Ratio Lower Upper

64 100

66 30.4 25.2 37.8



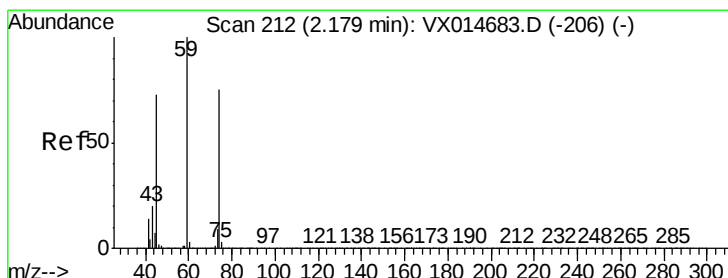
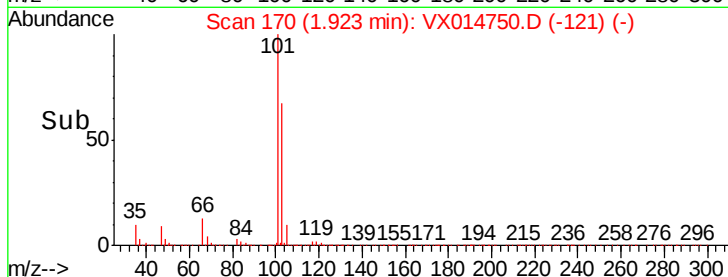
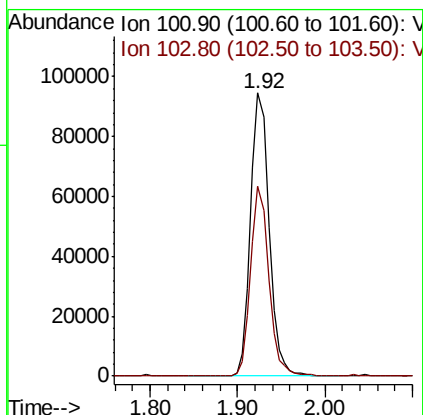
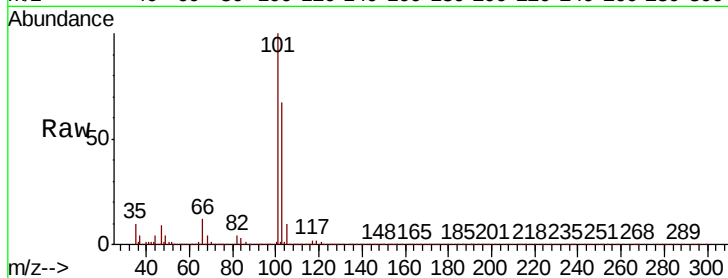


#7

Trichlorofluoromethane
Concen: 18.061 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

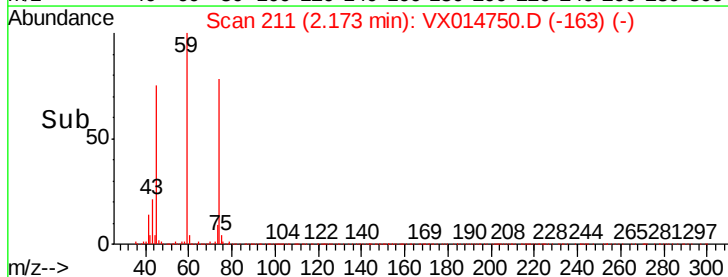
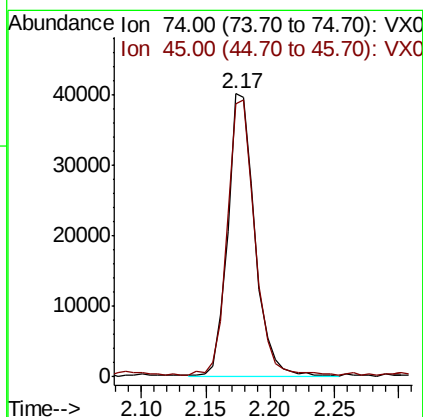
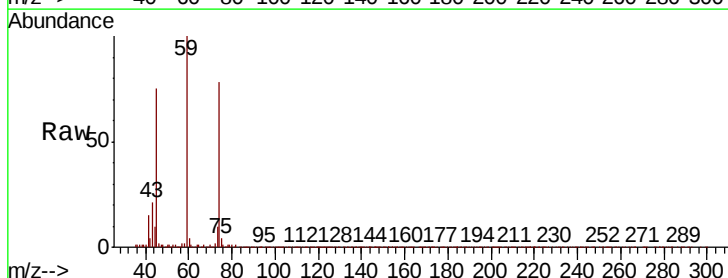
Tot Ion:101 Resp: 139333
Ion Ratio Lower Upper
101 100
103 66.9 51.0 76.6

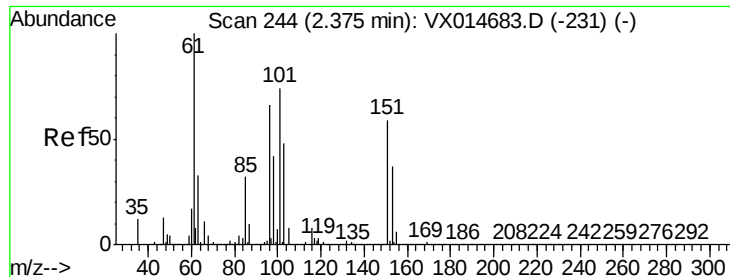


#8

Diethyl Ether
Concen: 17.360 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 74 Resp: 58455
Ion Ratio Lower Upper
74 100
45 99.8 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.328 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

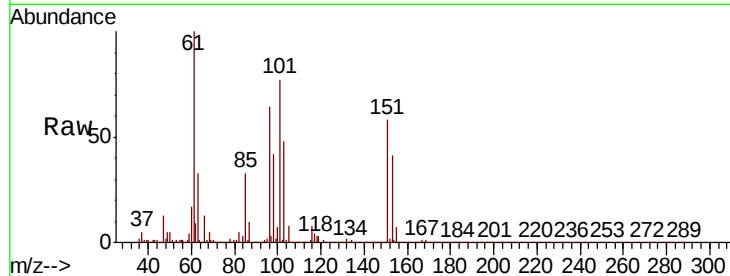
Tot Ion:101 Resp: 83006

Ion Ratio Lower Upper

101 100

85 42.8 34.7 52.1

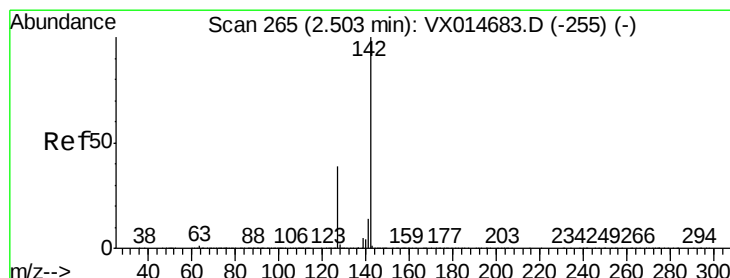
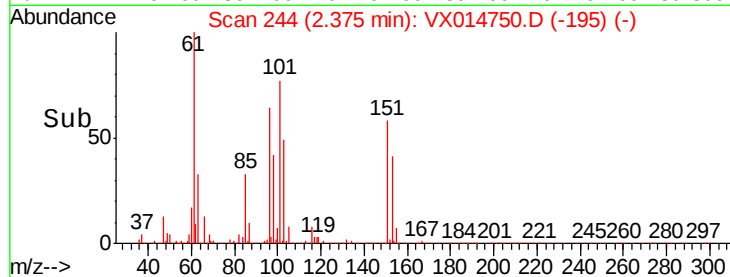
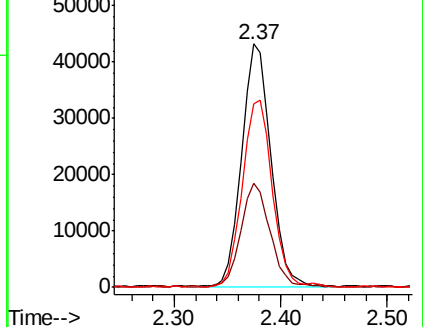
151 78.6 64.7 97.1



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: 17.452 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

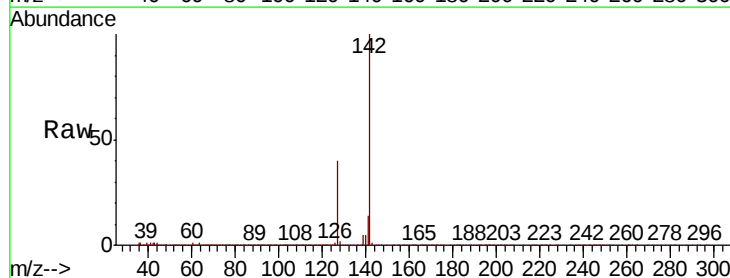
Tgt Ion:142 Resp: 103709

Ion Ratio Lower Upper

142 100

127 39.9 31.1 46.7

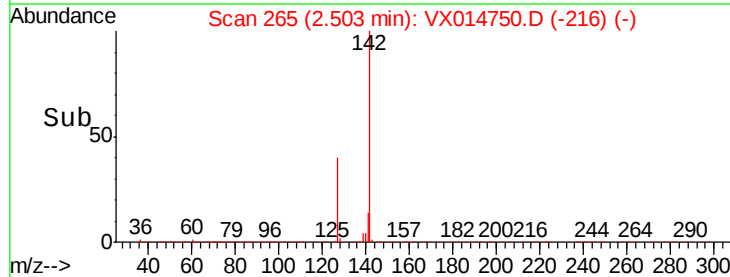
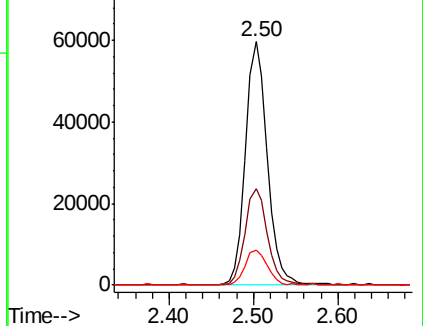
141 14.9 11.3 16.9

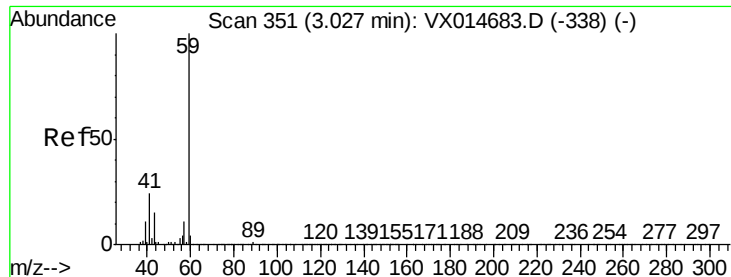


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



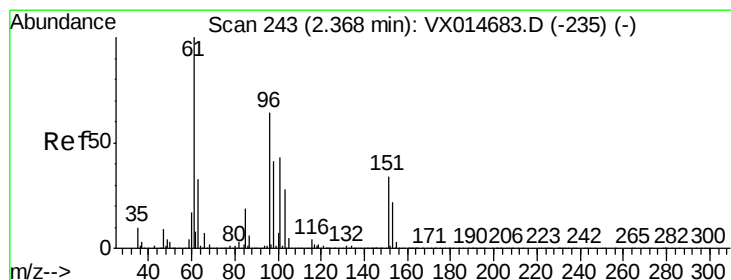
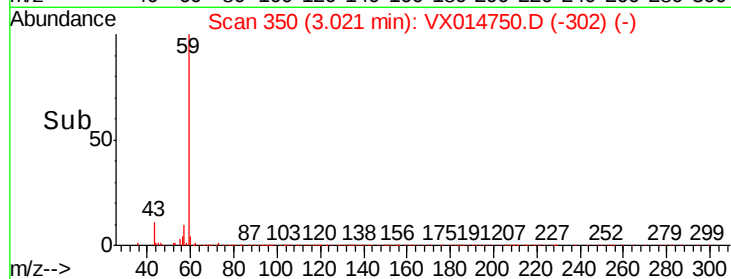
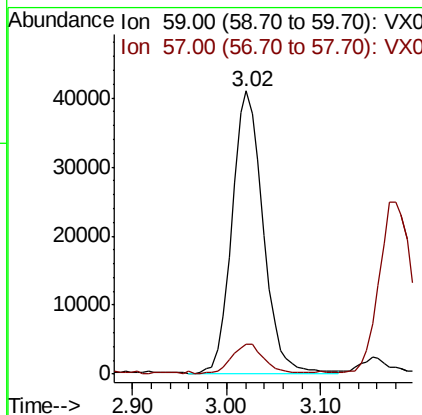
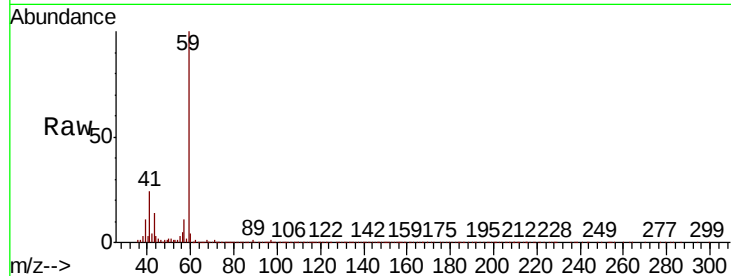


#11

Tert butyl alcohol
Concen: 79.439 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

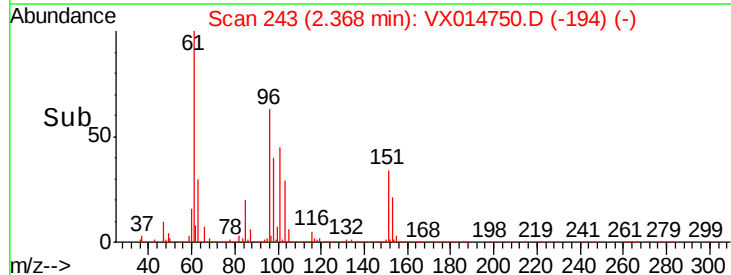
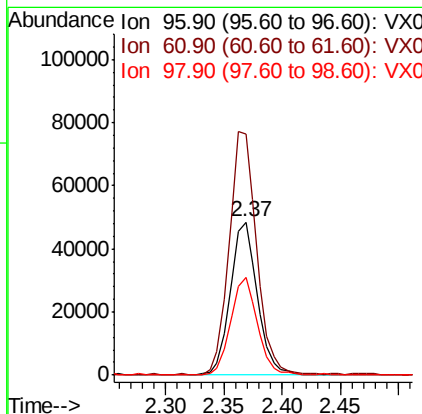
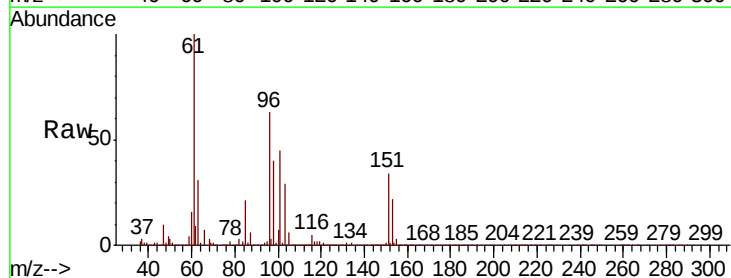
Tot Ion: 59 Resp: 94338
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

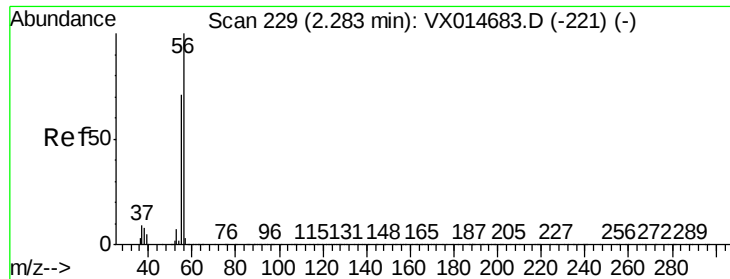


#12

1,1-Dichloroethene
Concen: 17.369 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 96 Resp: 78210
Ion Ratio Lower Upper
96 100
61 157.9 125.8 188.8
98 63.3 51.5 77.3

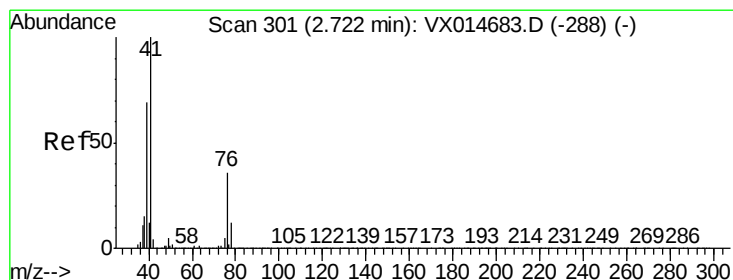
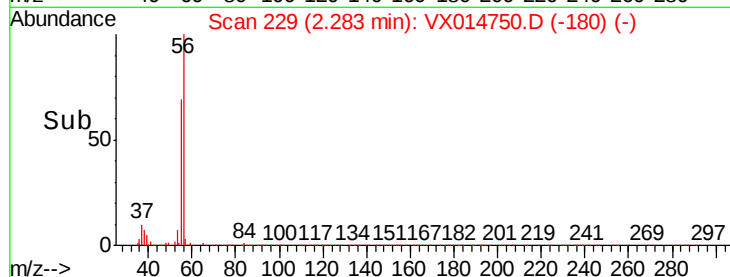
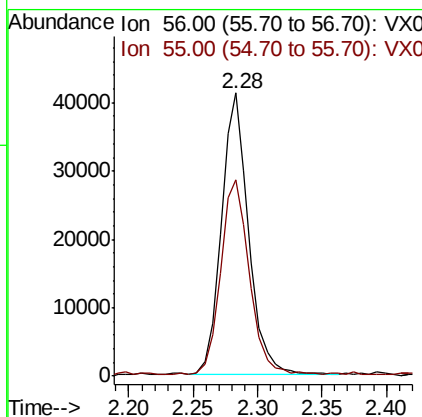
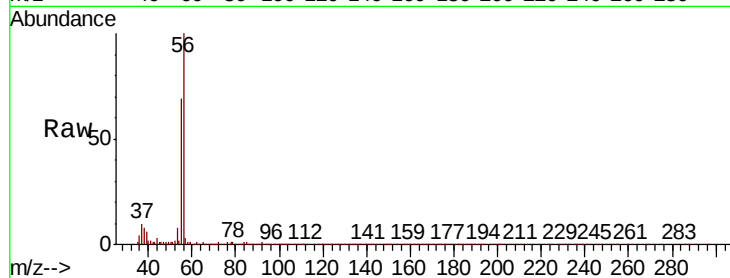




#13
Acrolein
Concen: 65.235 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

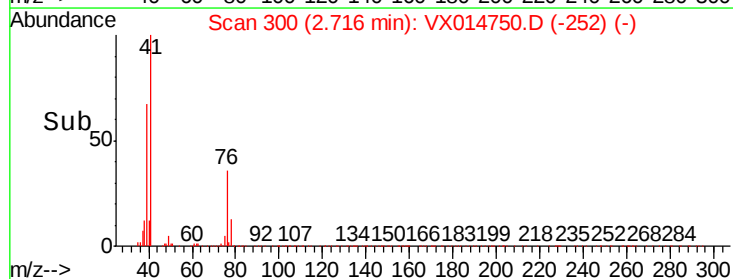
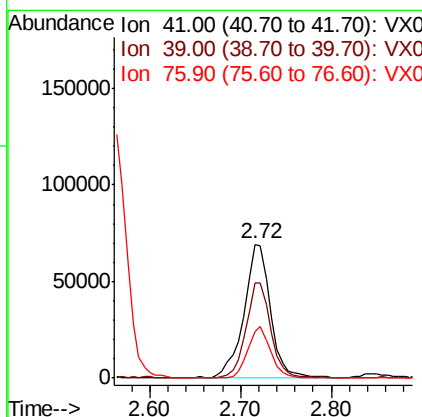
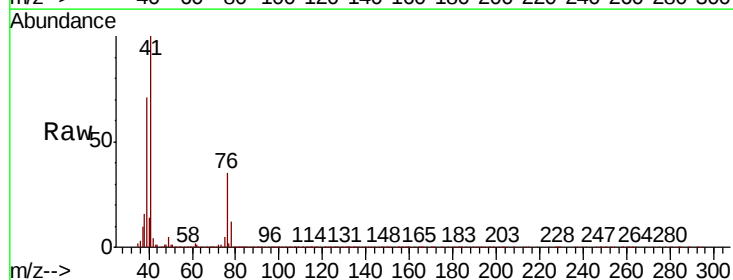
Instrument :
MSVOA_X
ClientSampleId :

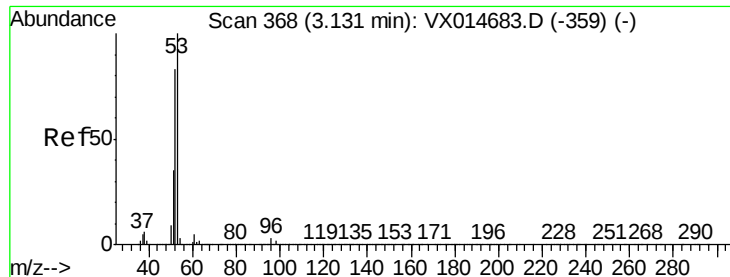
Tot Ion: 56 Resp: 61083
Ion Ratio Lower Upper
56 100
55 73.0 56.6 84.8



#14
Allyl chloride
Concen: 17.528 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 41 Resp: 141864
Ion Ratio Lower Upper
41 100
39 66.7 52.0 78.0
76 31.6 26.0 39.0





#15

Acrylonitrile

Concen: 85.127 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

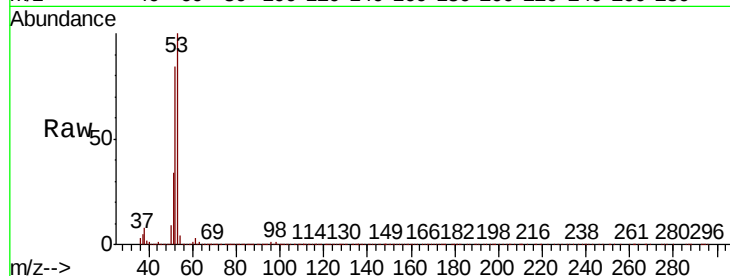
Tot Ion: 53 Resp: 233905

Ion Ratio Lower Upper

53 100

52 84.6 66.4 99.6

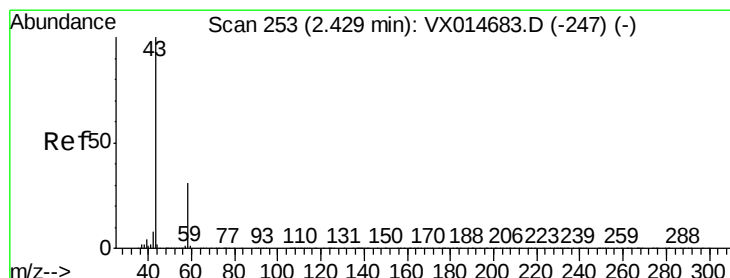
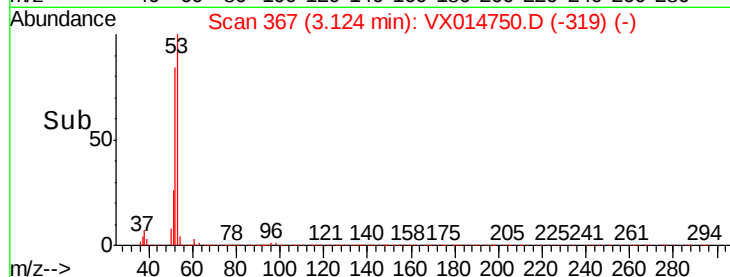
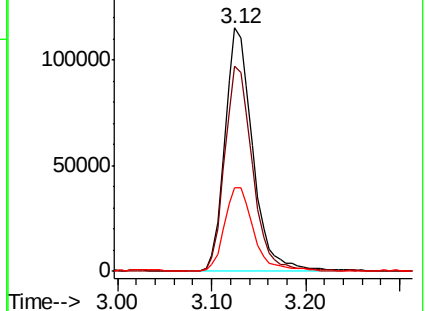
51 36.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 69.244 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014750.D

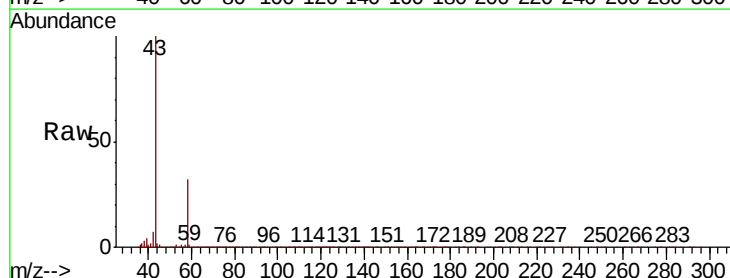
Acq: 28 Jan 2020 14:55

Tgt Ion: 43 Resp: 200424

Ion Ratio Lower Upper

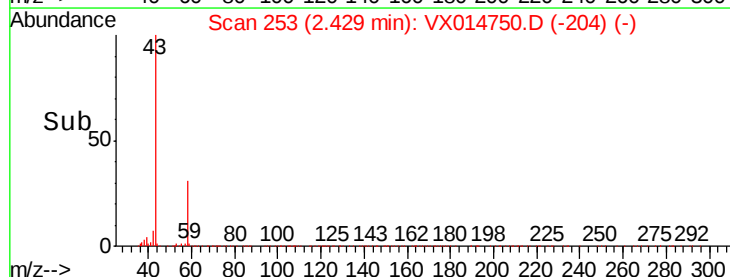
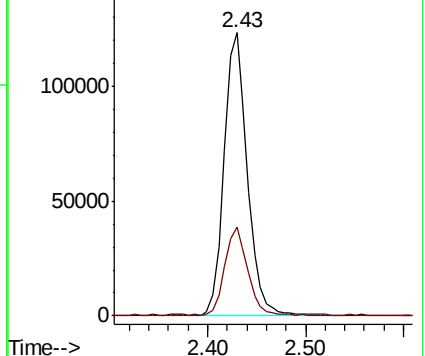
43 100

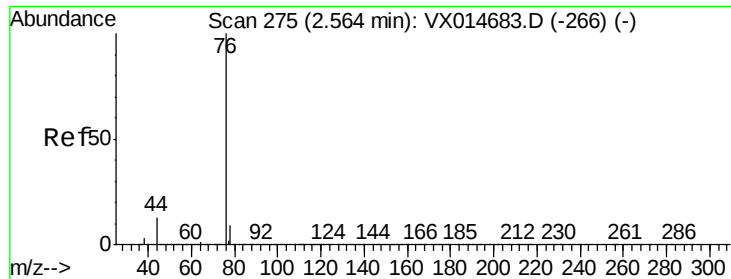
58 31.3 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.402 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

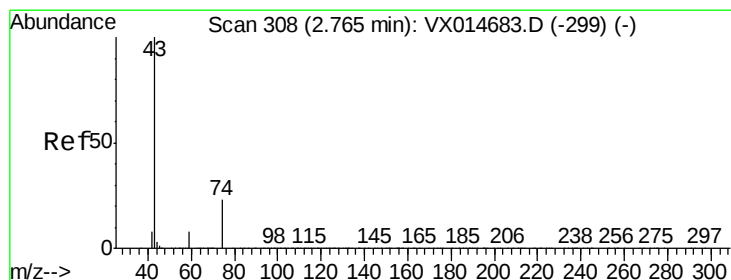
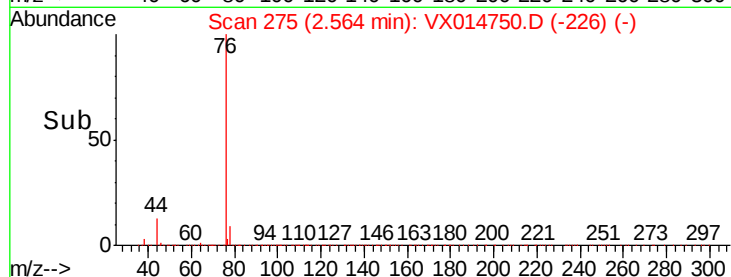
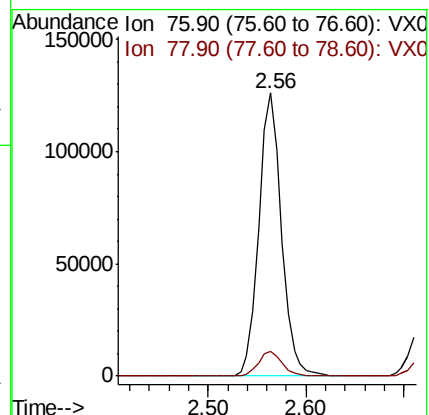
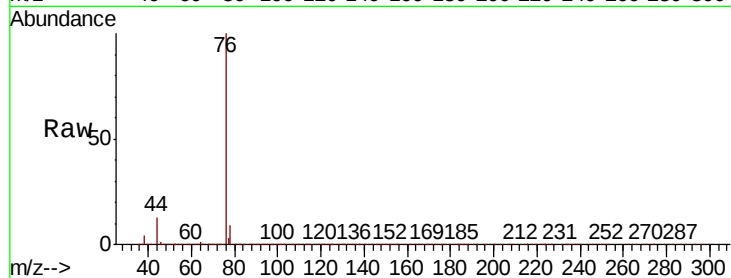
ClientSampled :

Tot Ion: 76 Resp: 201850

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 17.464 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014750.D

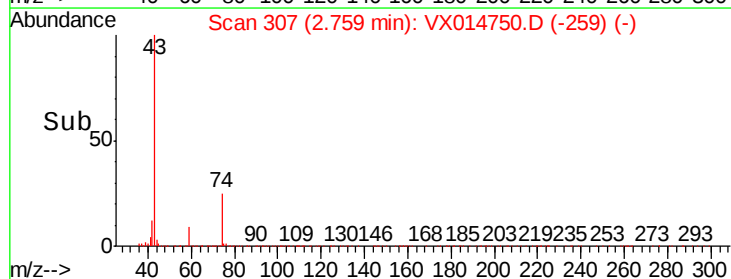
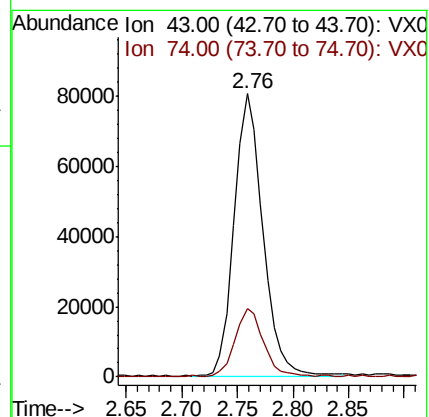
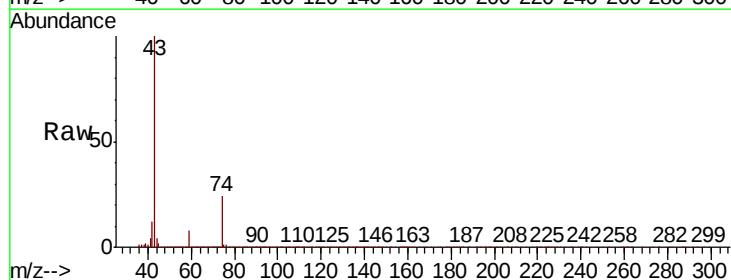
Acq: 28 Jan 2020 14:55

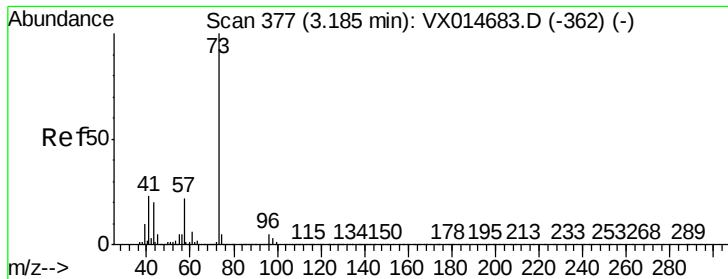
Tgt Ion: 43 Resp: 144513

Ion Ratio Lower Upper

43 100

74 24.3 18.5 27.7

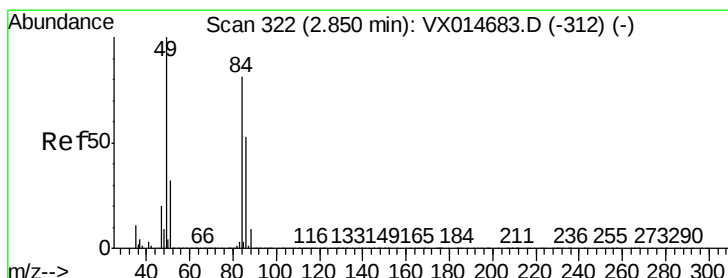
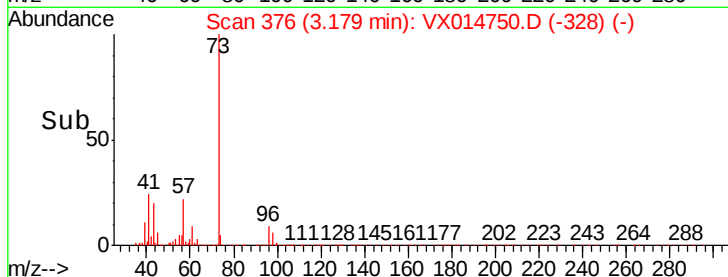
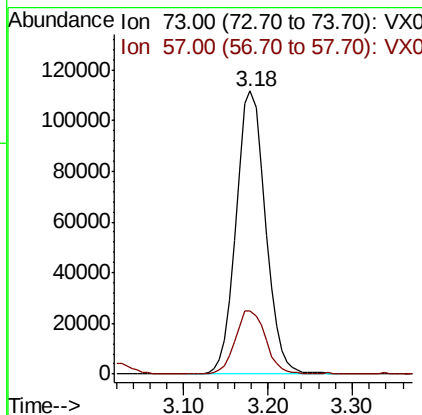
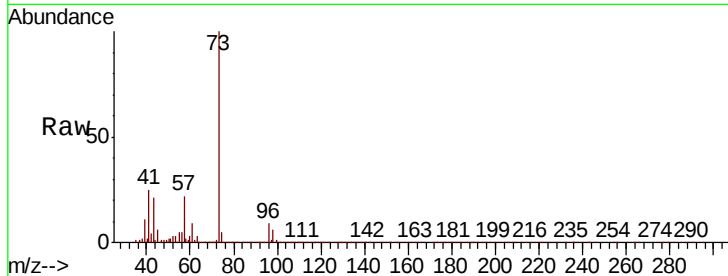




#19
Methvl tert-butvl Ether
Concen: 17.758 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

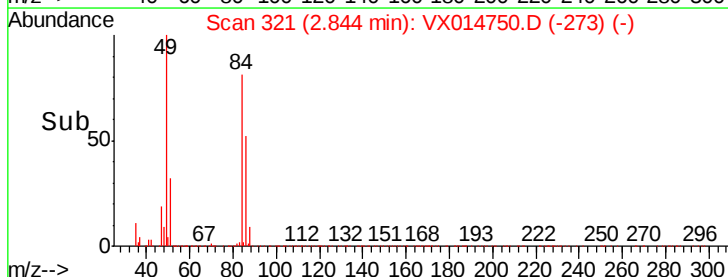
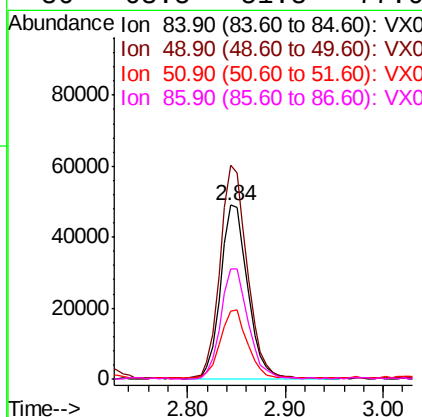
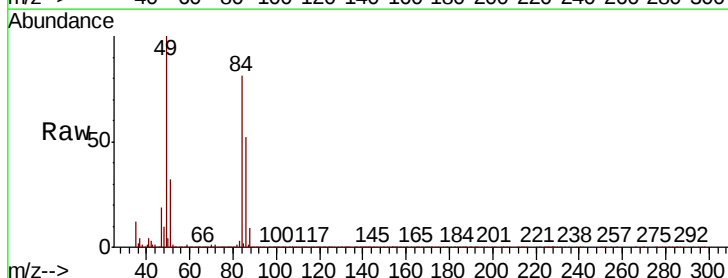
Instrument :
MSVOA_X
ClientSampleId :

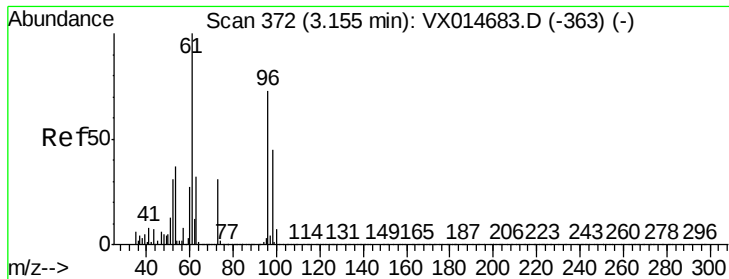
Tot Ion: 73 Resp: 261905
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 17.523 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 84 Resp: 94001
Ion Ratio Lower Upper
84 100
49 122.9 98.2 147.4
51 38.7 31.3 46.9
86 63.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.567 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

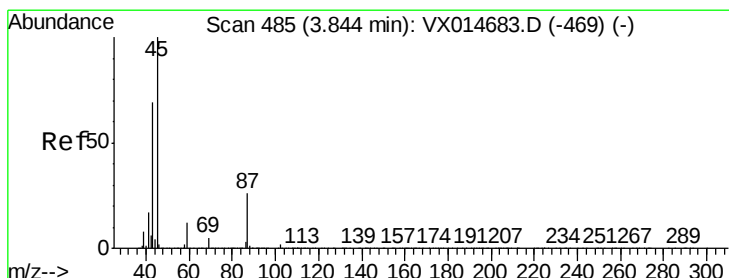
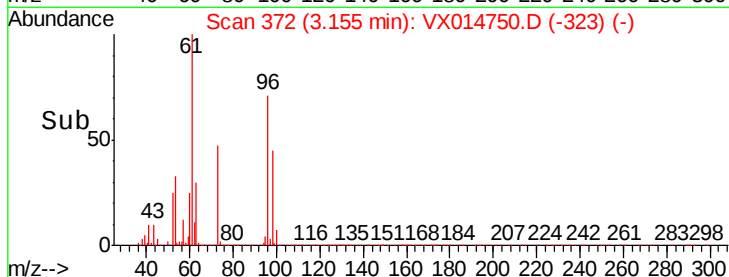
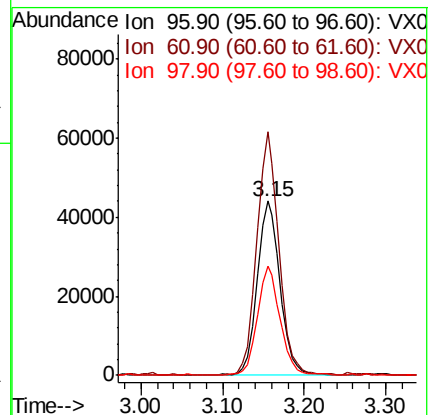
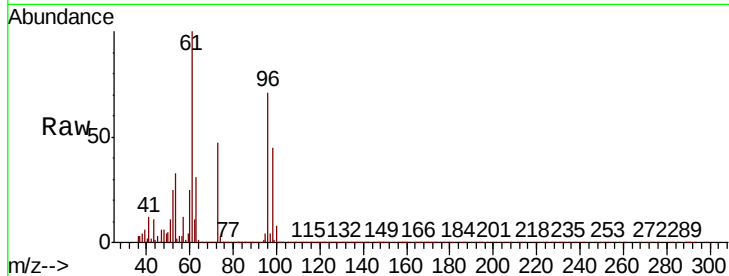
Tot Ion: 96 Resp: 87096

Ion Ratio Lower Upper

96 100

61 139.4 109.8 164.6

98 63.0 49.6 74.4



#22

Diisopropyl ether

Concen: 18.151 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion: 45 Resp: 292284

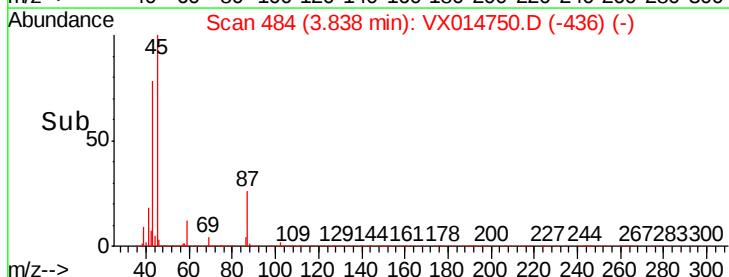
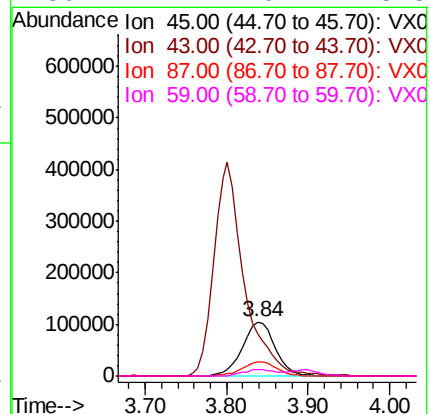
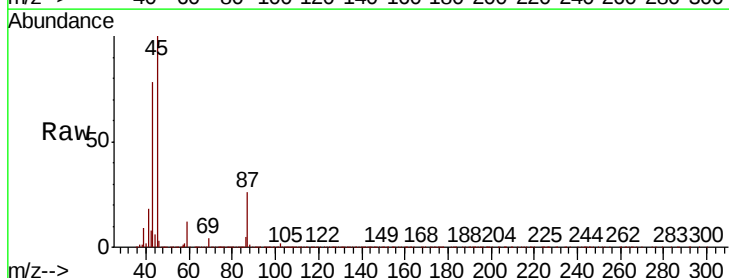
Ion Ratio Lower Upper

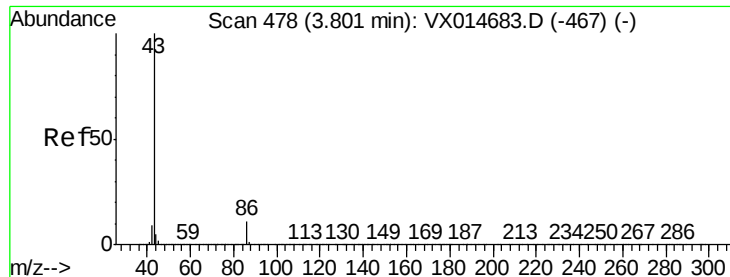
45 100

43 77.3 55.1 82.7

87 25.7 20.7 31.1

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 87.662 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

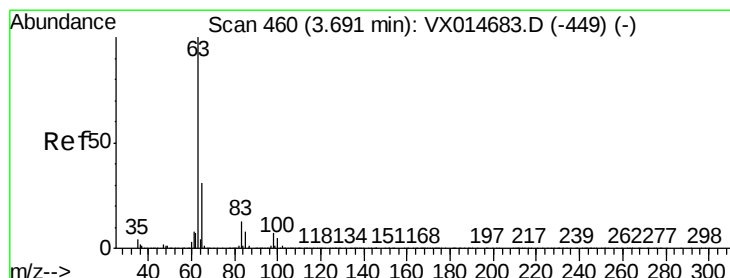
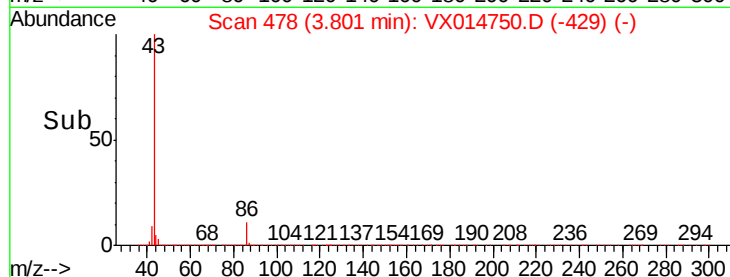
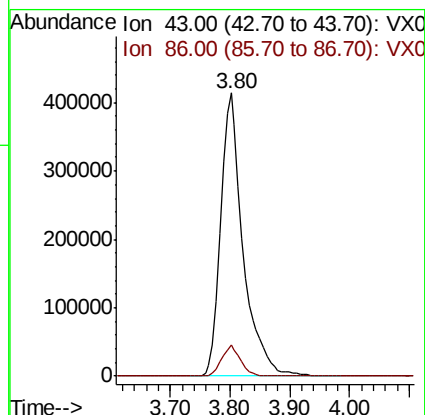
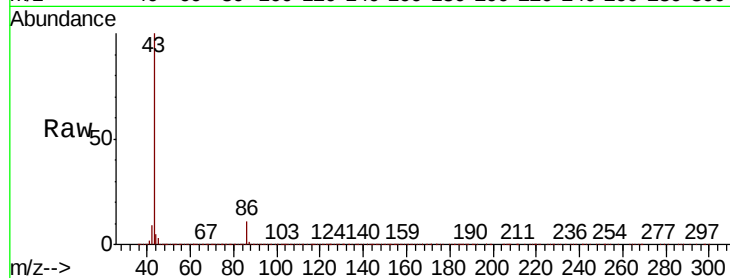
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1076038

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.007 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

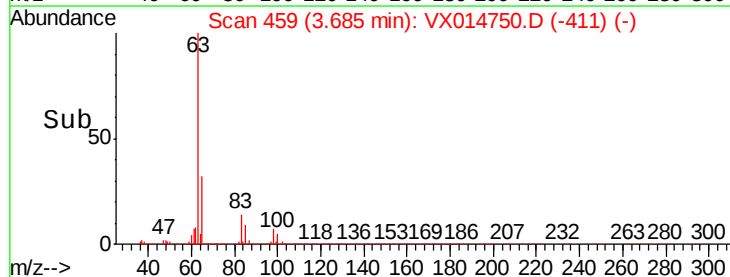
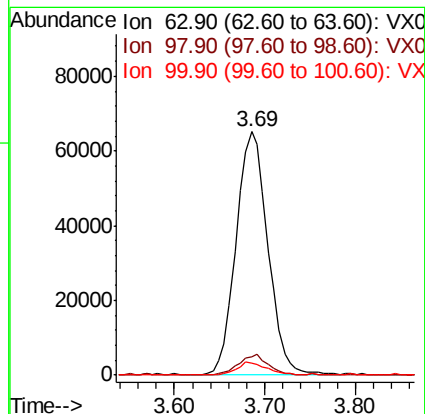
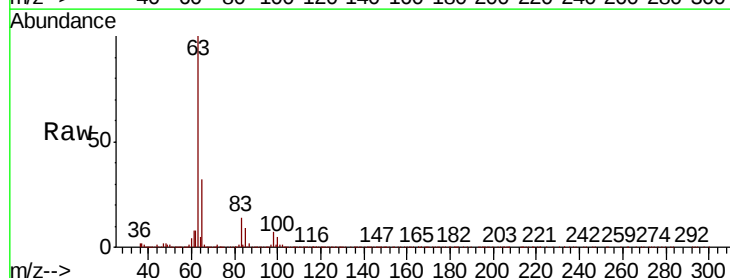
Tgt Ion: 63 Resp: 157466

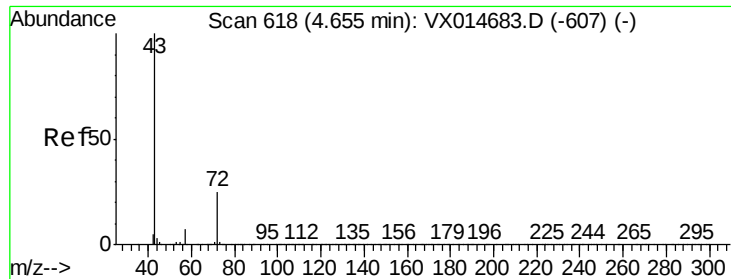
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 78.182 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

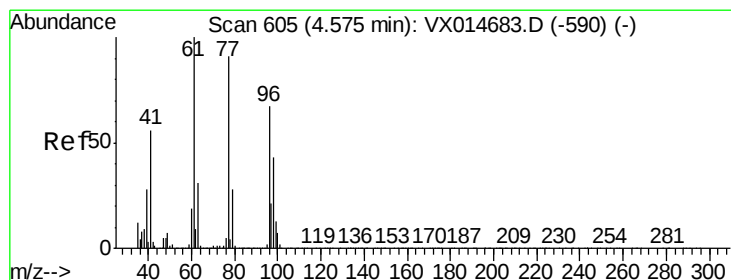
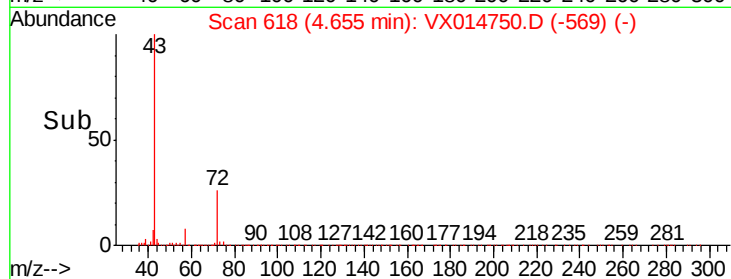
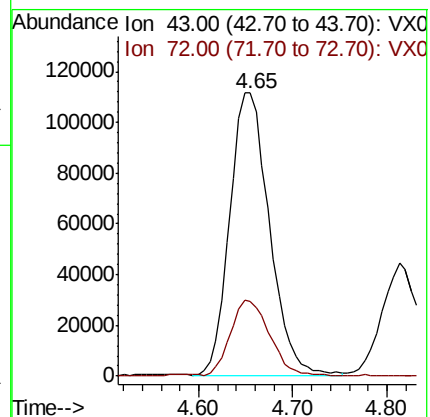
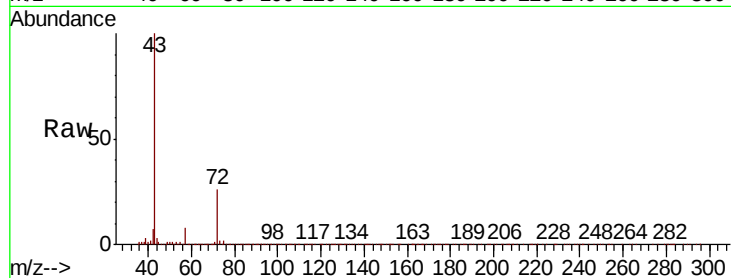
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 324733

Ion Ratio Lower Upper

43 100

72 26.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.399 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014750.D

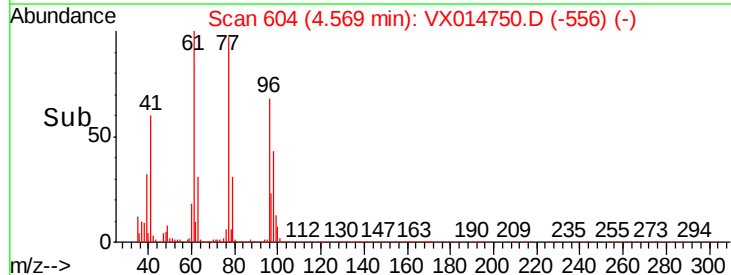
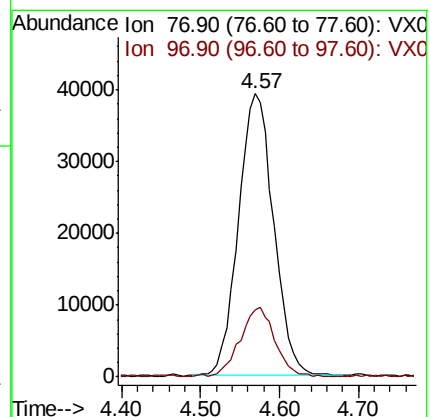
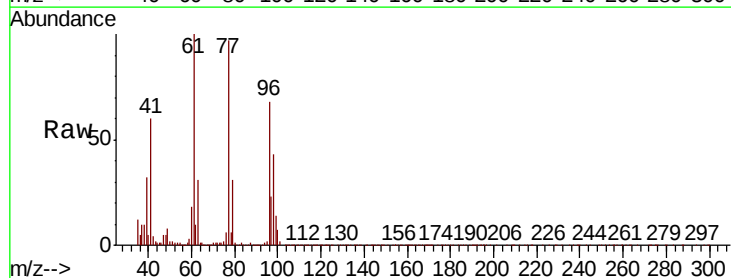
Acq: 28 Jan 2020 14:55

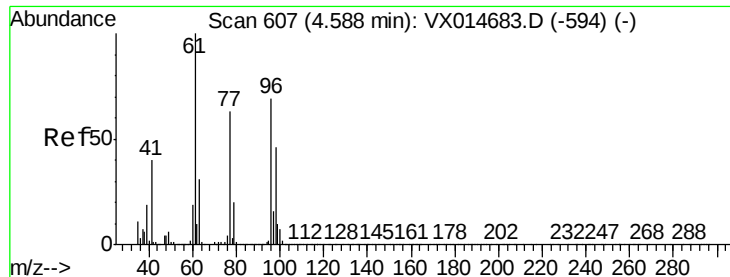
Tgt Ion: 77 Resp: 121785

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.3



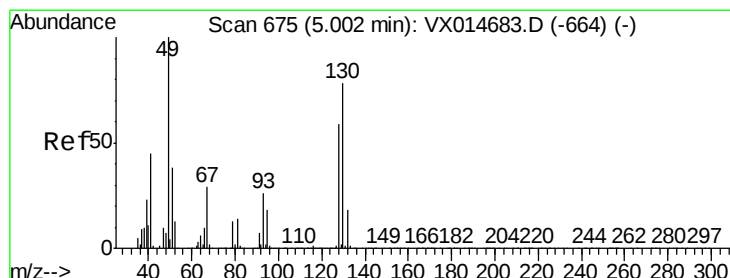
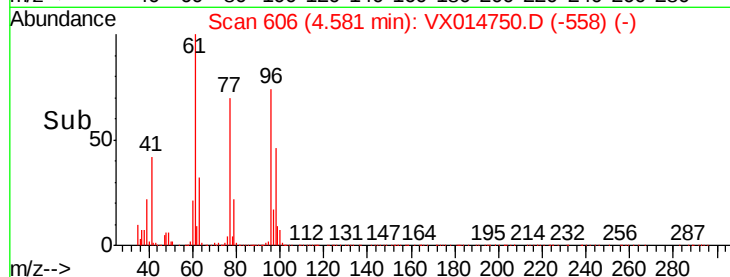
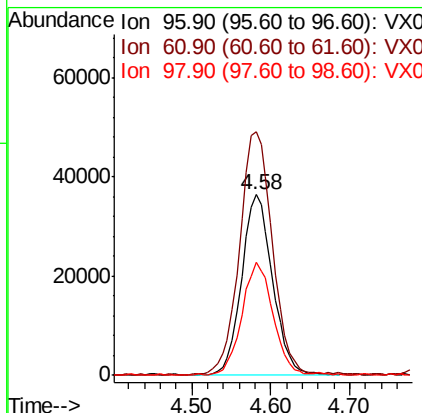
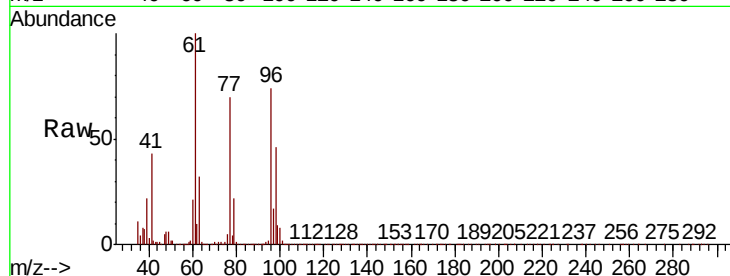


#27

cis-1,2-Dichloroethene
Concen: 17.949 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

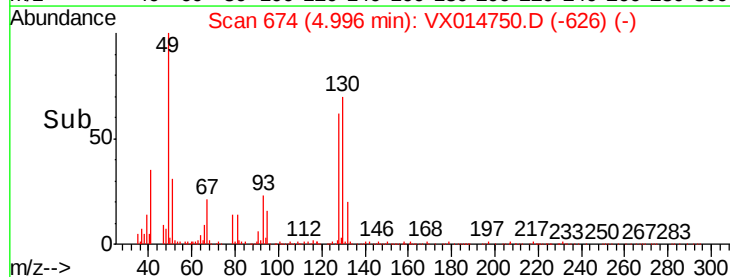
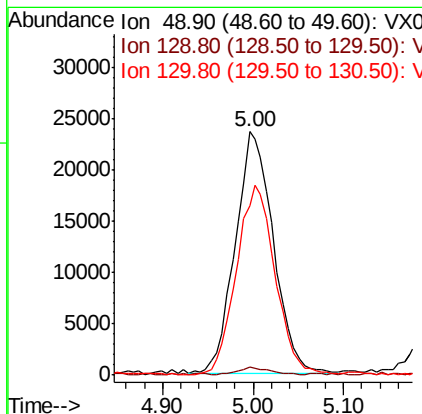
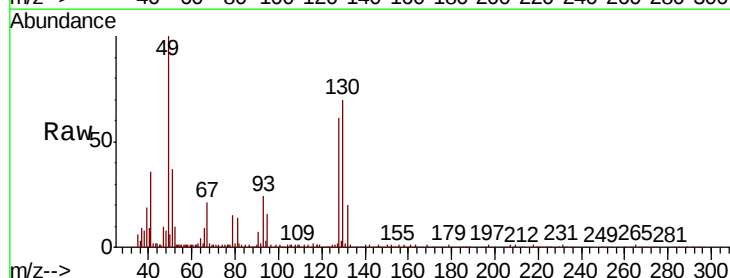
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	291.0
98	62.9	0.0	129.8

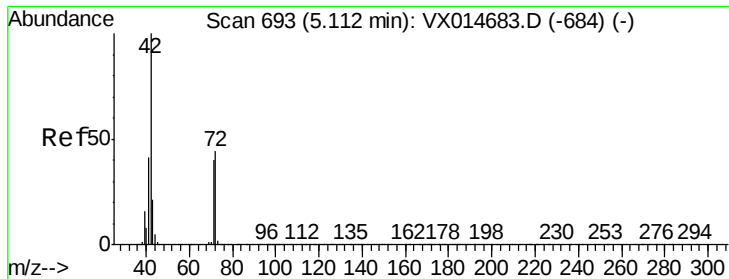


#28

Bromochloromethane
Concen: 17.712 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.8
130	80.2	62.4	93.6

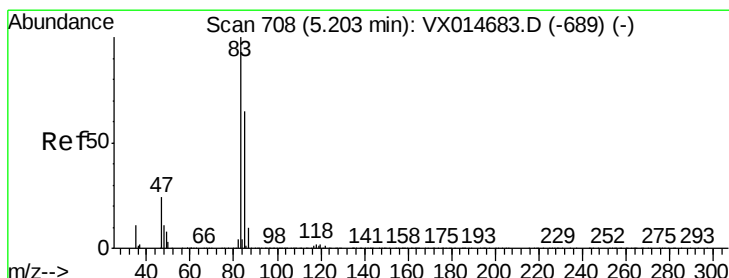
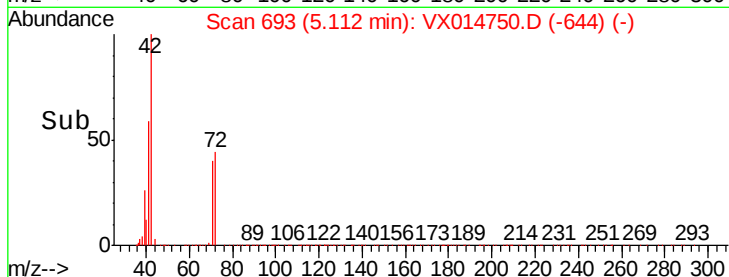
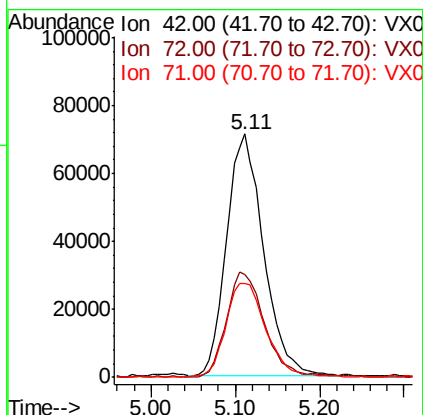
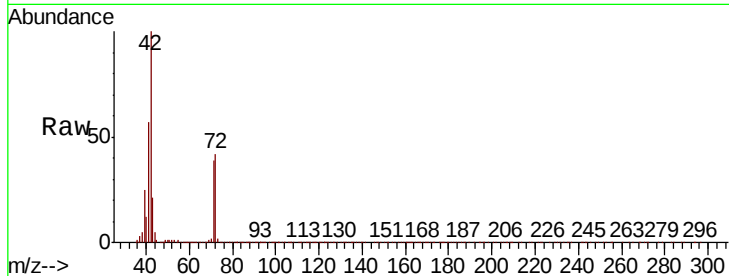




#29
Tetrahydrofuran
Concen: 85.463 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

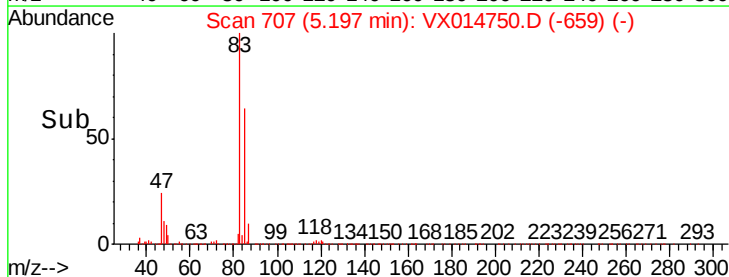
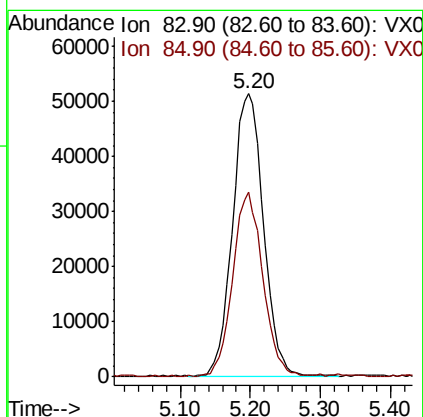
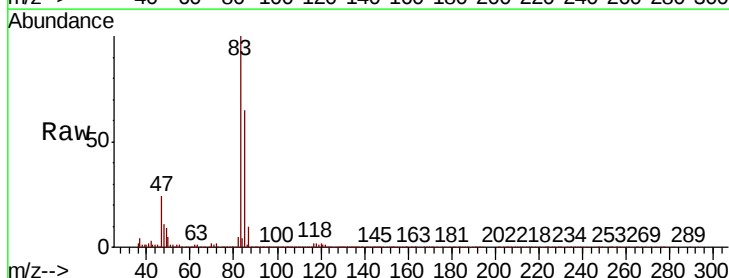
Instrument :
MSVOA_X
ClientSampleId :

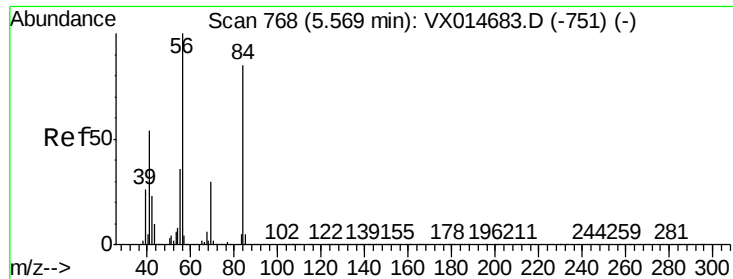
Tot Ion: 42 Resp: 210683
Ion Ratio Lower Upper
42 100
72 44.7 35.3 52.9
71 42.8 33.1 49.7



#30
Chloroform
Concen: 18.112 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 83 Resp: 156897
Ion Ratio Lower Upper
83 100
85 64.9 51.7 77.5

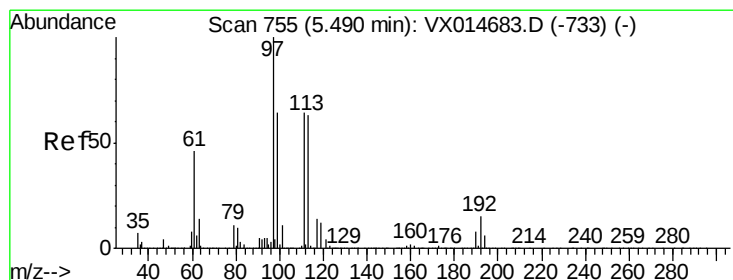
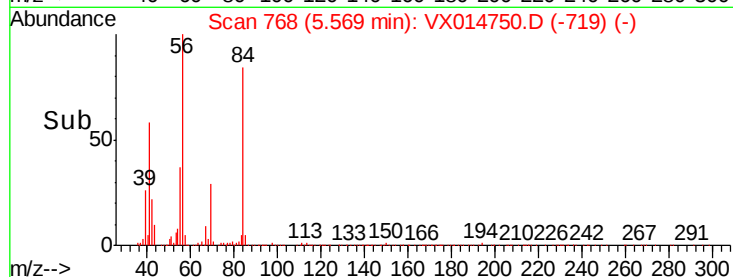
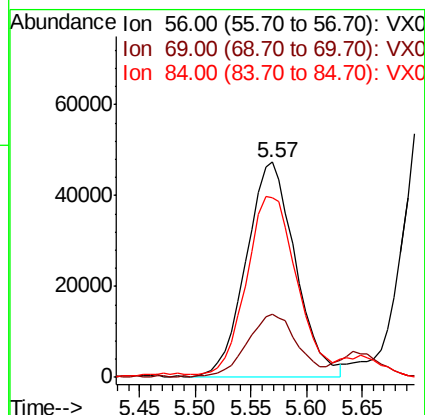
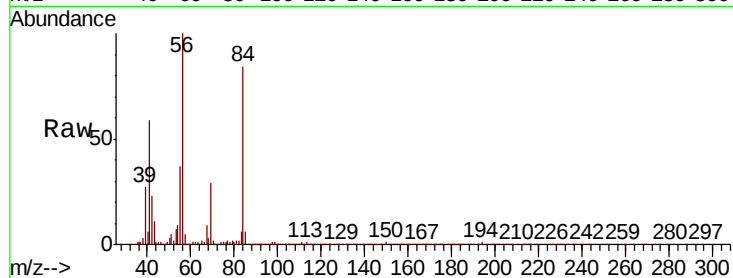




#31
Cyclohexane
Concen: 17.517 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

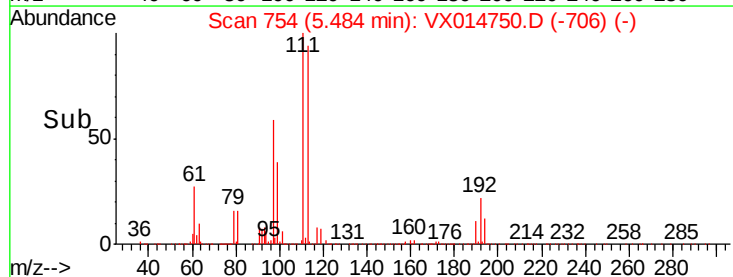
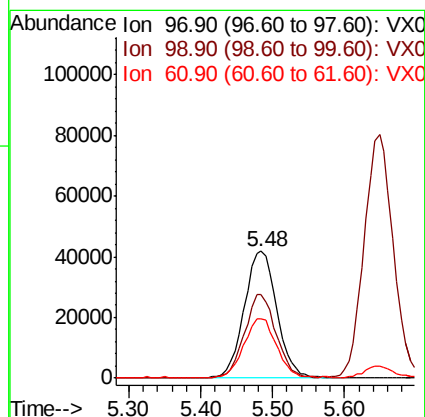
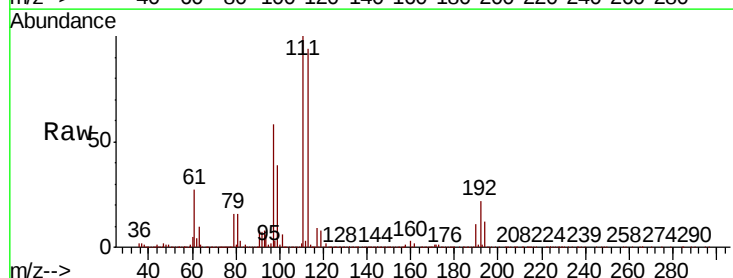
Instrument :
MSVOA_X
ClientSampleId :

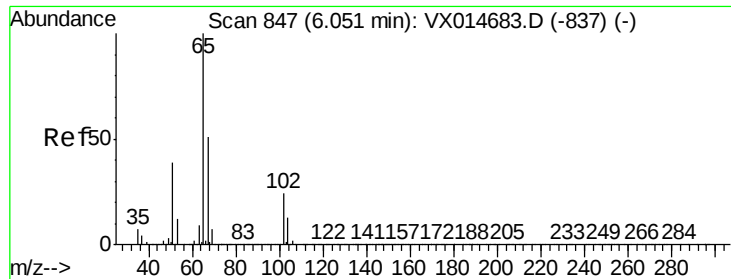
Tot Ion: 56 Resp: 144074
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.2
84 82.9 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 17.825 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 97 Resp: 130521
Ion Ratio Lower Upper
97 100
99 63.1 52.3 78.5
61 47.0 37.2 55.8

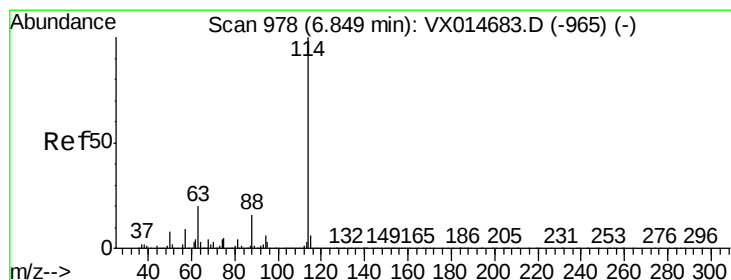
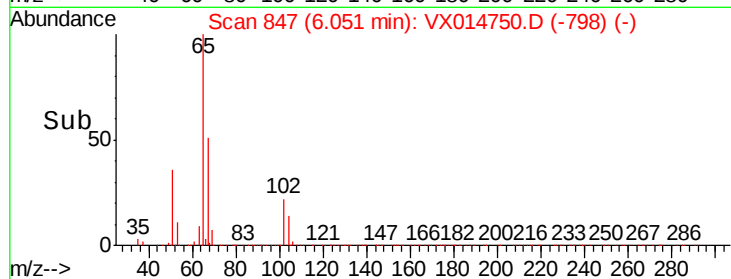
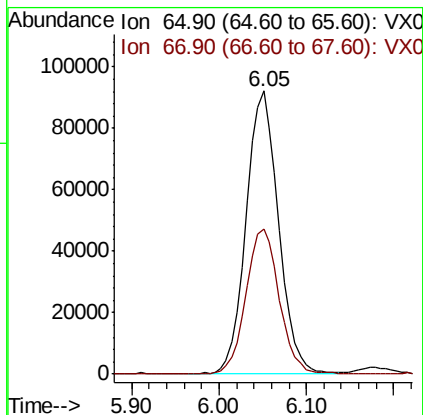
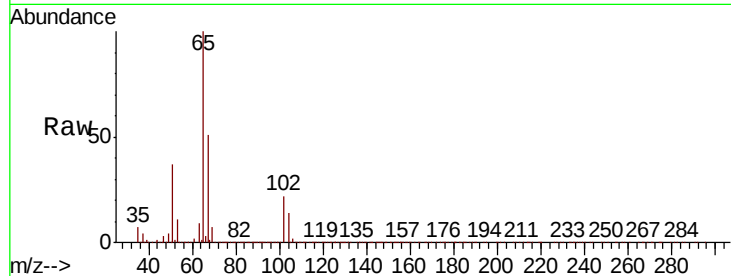




#33
 1,2-Dichloroethane-d4
 Concen: 44.689 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

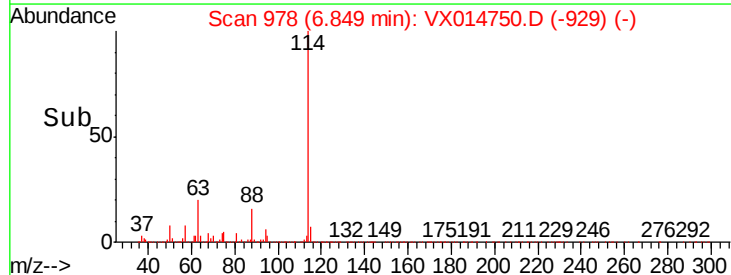
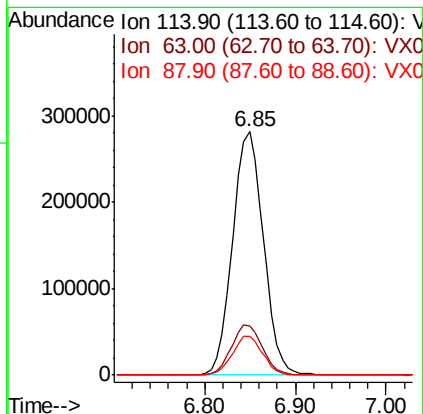
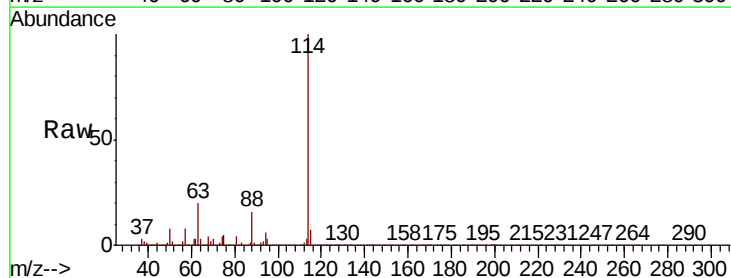
Instrument :
 MSVOA_X
 ClientSampled :

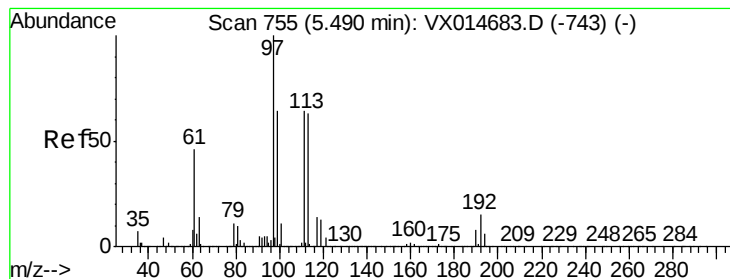
Tot Ion: 65 Resp: 236381
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion: 114 Resp: 665480
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.028 ug/l

RT: 5.48 min Scan# 754

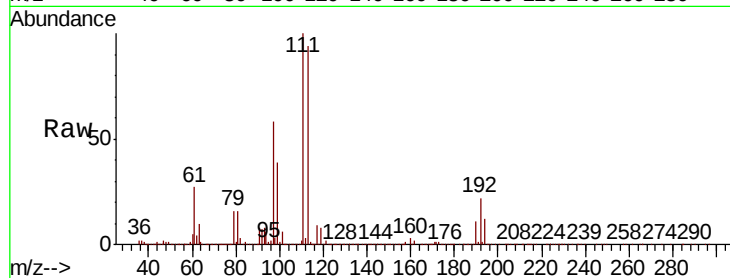
Delta R.T. -0.01 min

Lab File: VX014750.D

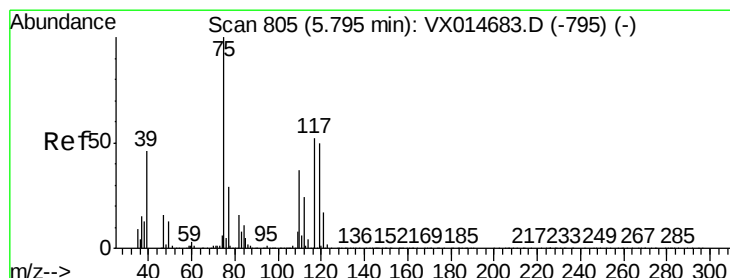
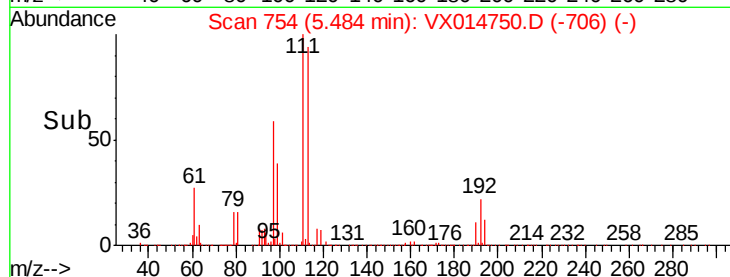
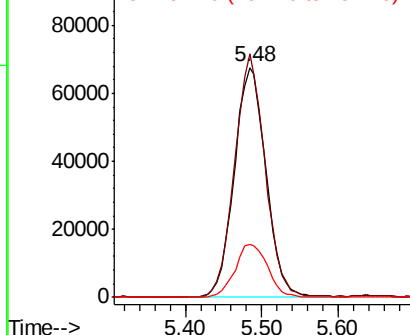
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	193277
Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	23.5	18.5	27.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.828 ug/l

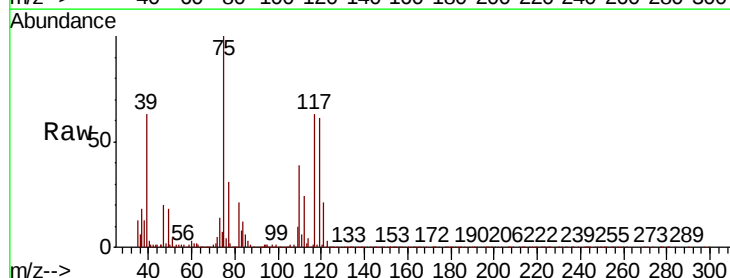
RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

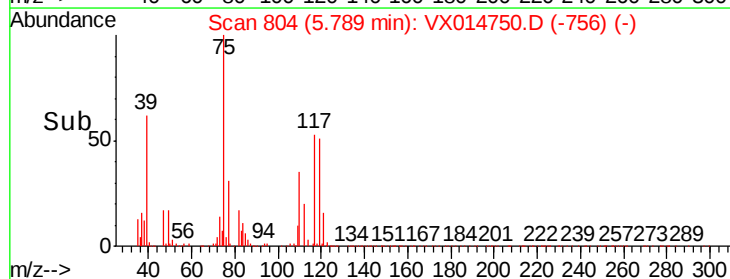
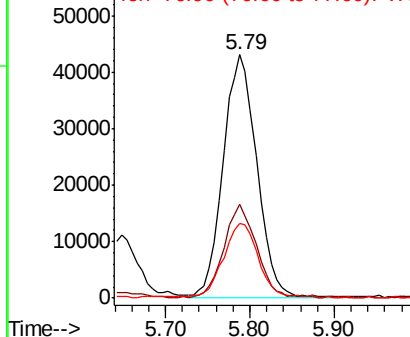
Lab File: VX014750.D

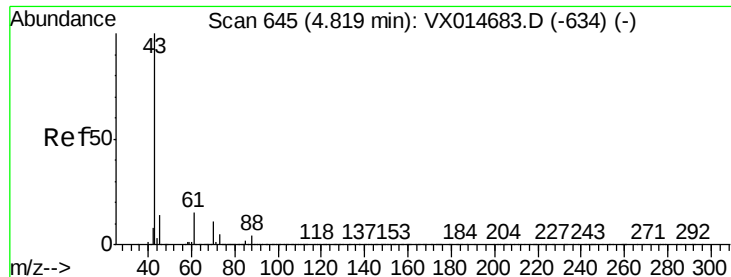
Acq: 28 Jan 2020 14:55

Tgt Ion:	75	Resp:	116422
Ion	Ratio	Lower	Upper
75	100		
110	37.9	17.9	53.7
77	30.4	24.1	36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

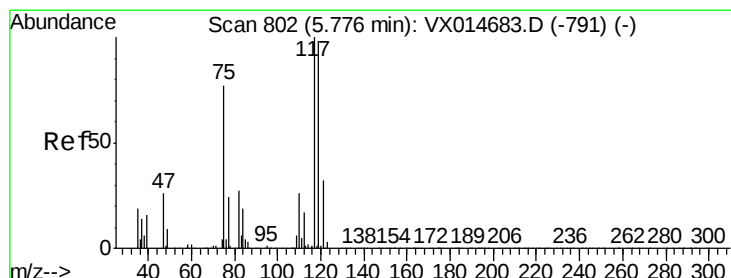
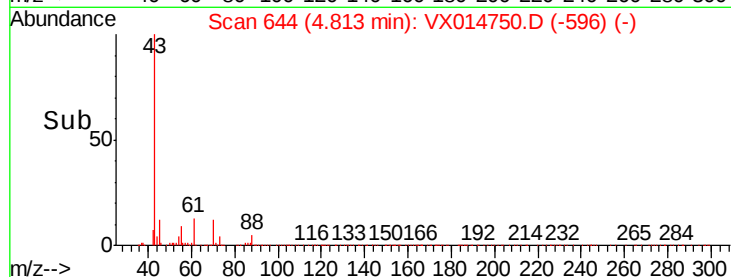
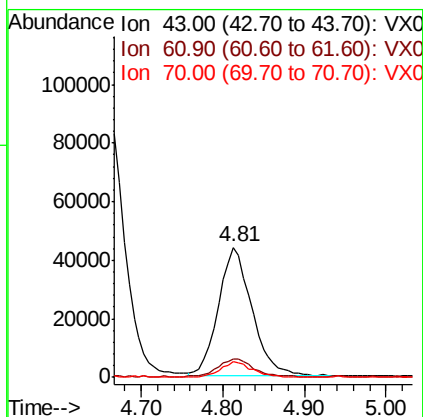
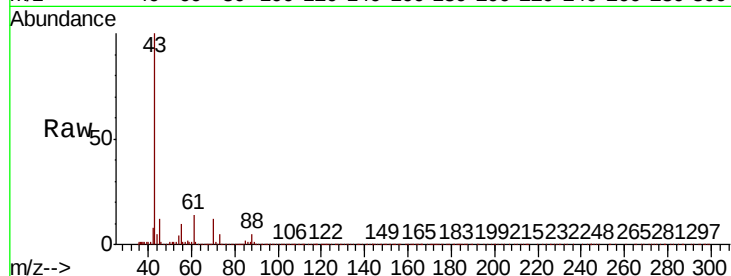




#37
Ethyl Acetate
Concen: 17.947 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

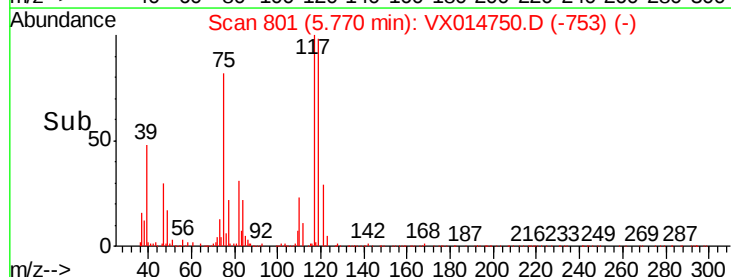
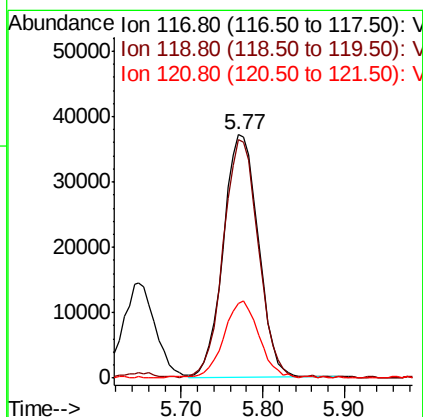
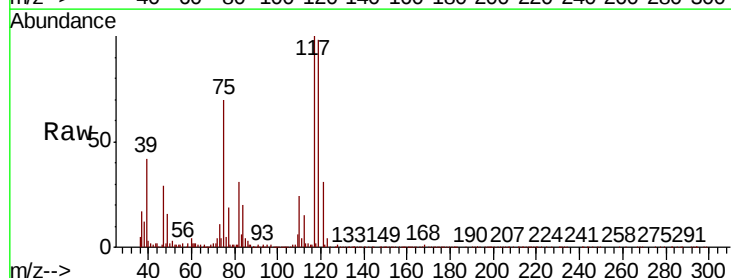
Instrument :
MSVOA_X
ClientSampled :

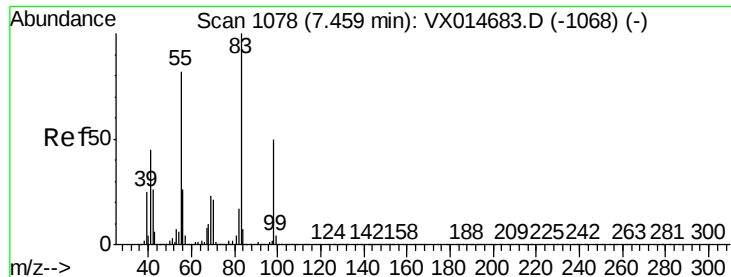
Tot Ion: 43 Resp: 127106
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.640 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 117 Resp: 110082
Ion Ratio Lower Upper
117 100
119 98.0 77.9 116.9
121 30.2 25.4 38.2

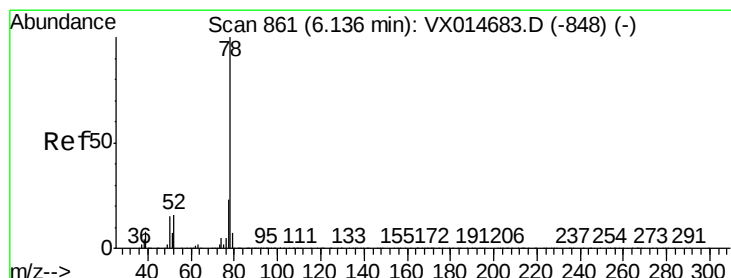
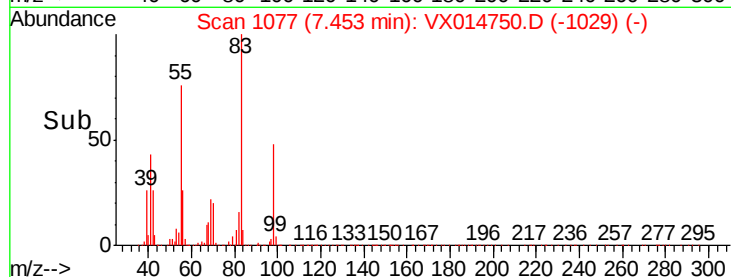
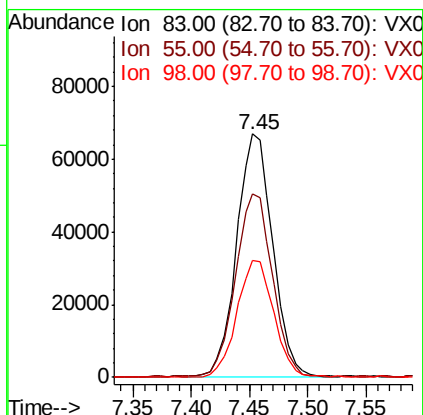
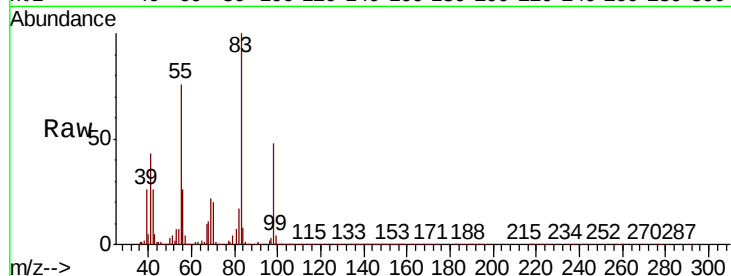




#39
Methvlcvclohexane
Concen: 18.592 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

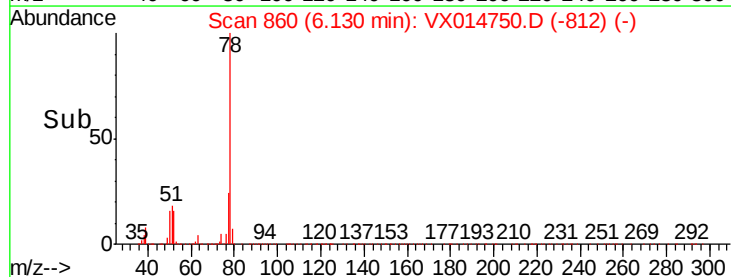
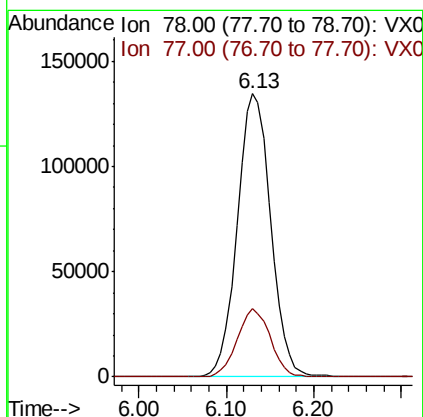
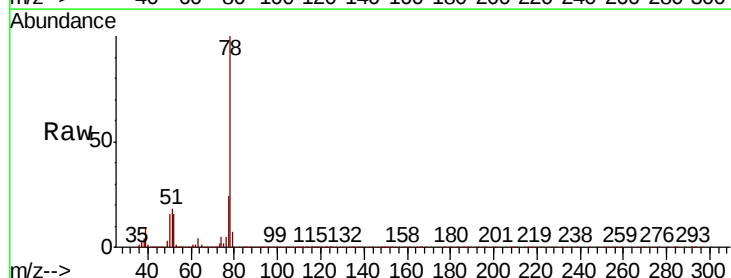
Instrument :
MSVOA_X
ClientSampleId :

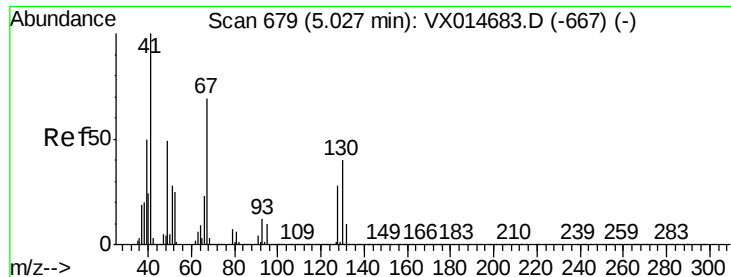
Tot Ion	83	Resp	144029
Ion Ratio	Lower	Upper	
83	100		
55	75.4	65.6	98.4
98	48.1	40.2	60.4



#40
Benzene
Concen: 18.645 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	78	Resp	356228
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.7	28.1

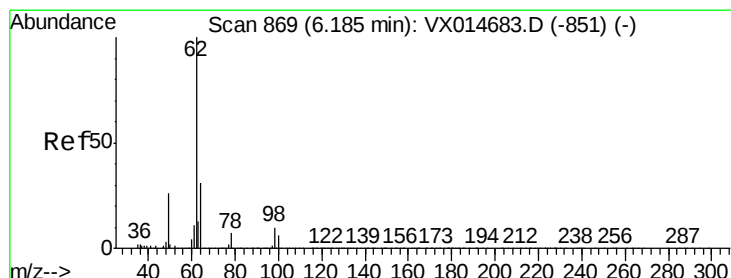
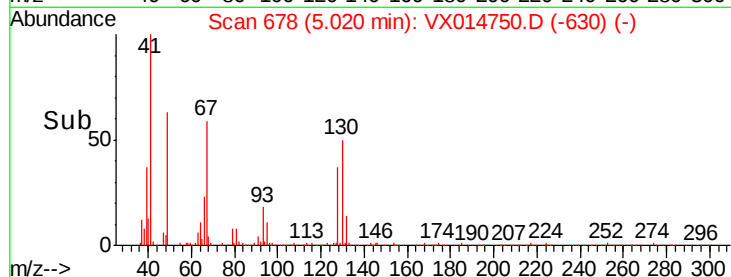
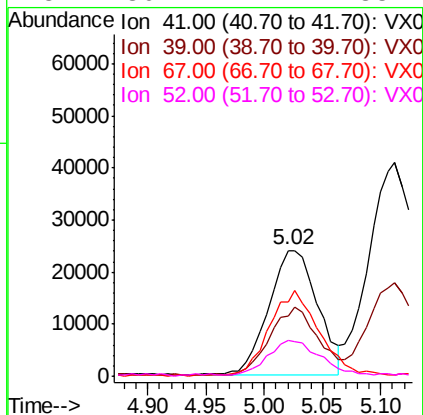
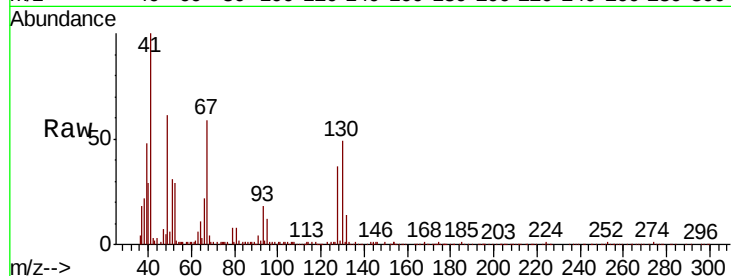




#41
Methacrylonitrile
Concen: 17.088 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

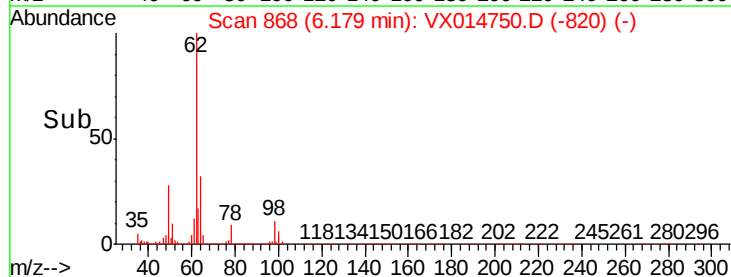
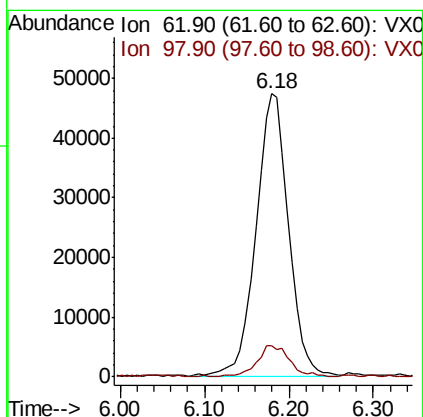
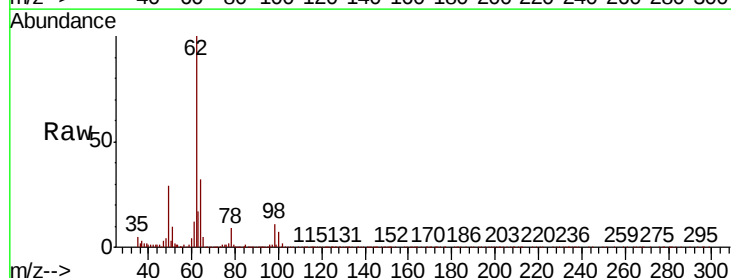
Instrument :
MSVOA_X
ClientSampleId :

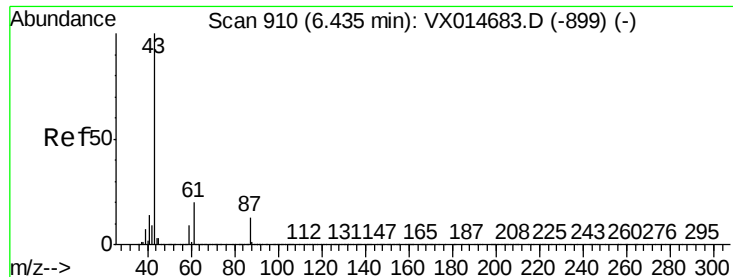
Tot Ion:	41	Resp:	69721
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.2	63.2
67	68.1	55.4	83.0
52	30.1	22.1	33.1



#42
1,2-Dichloroethane
Concen: 18.929 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion:	62	Resp:	124892
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.0





#43

Isopropyl Acetate

Concen: 17.736 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

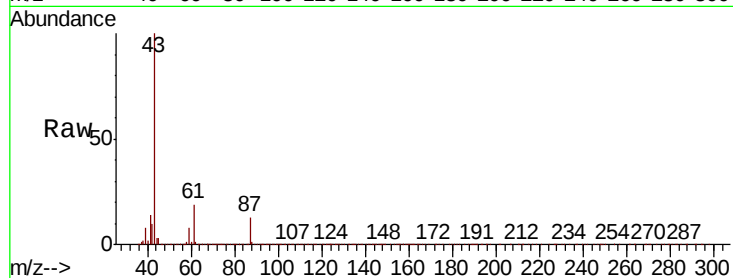
Tot Ion: 43 Resp: 205700

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.4

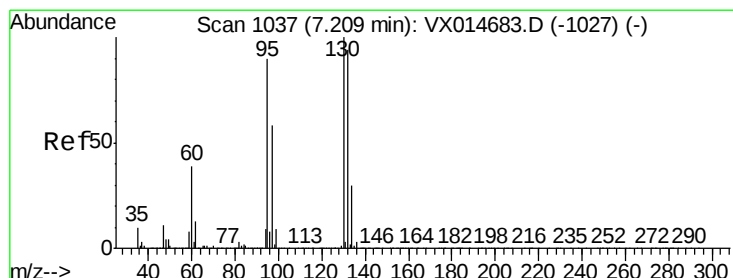
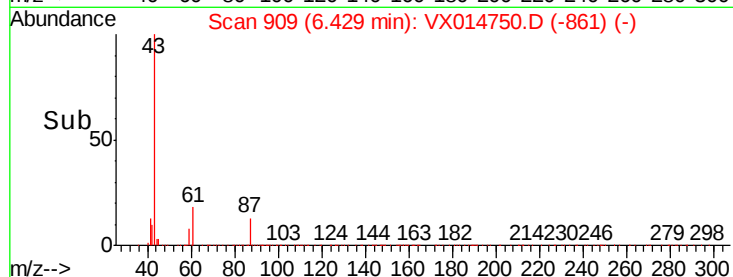
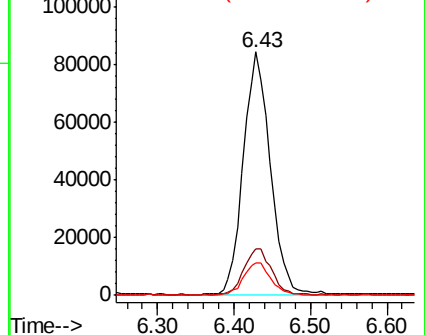
87 13.6 10.5 15.7



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: 18.464 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014750.D

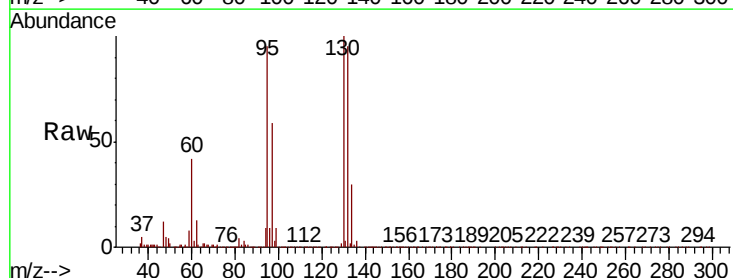
Acq: 28 Jan 2020 14:55

Tgt Ion:130 Resp: 99644

Ion Ratio Lower Upper

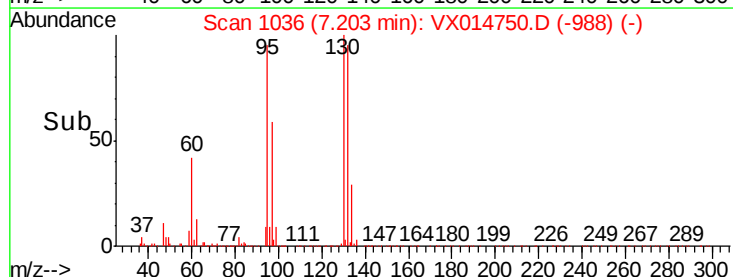
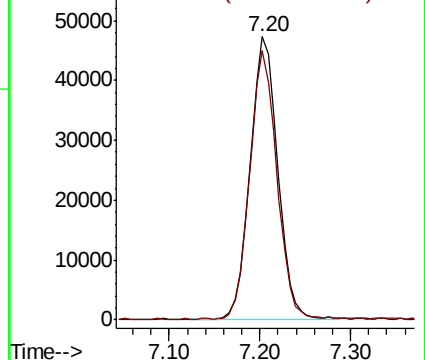
130 100

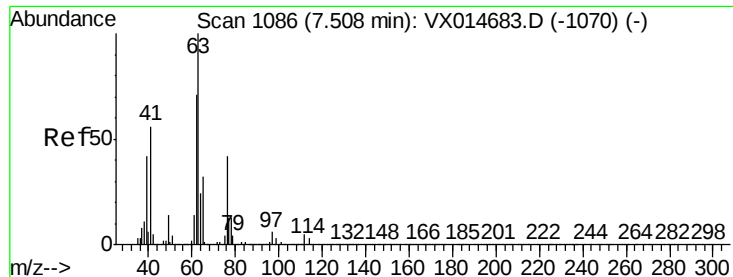
95 94.9 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

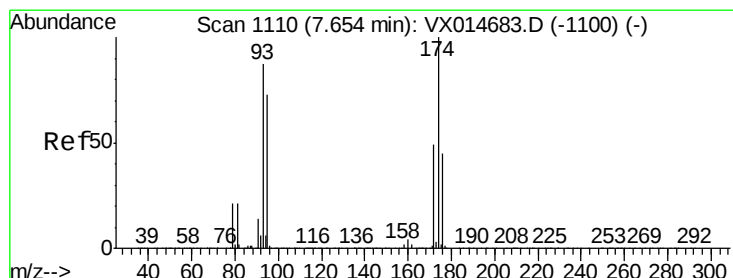
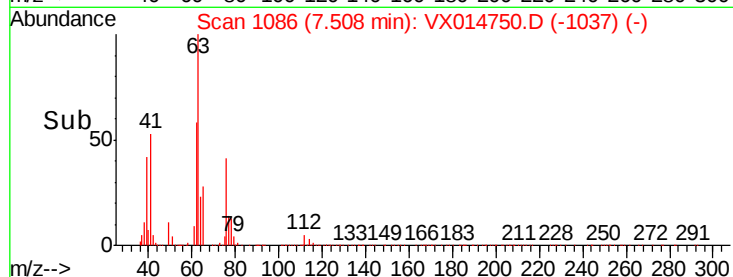
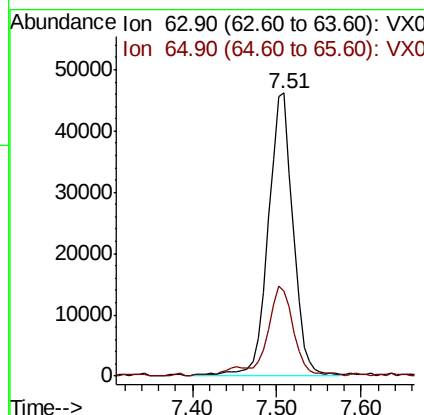
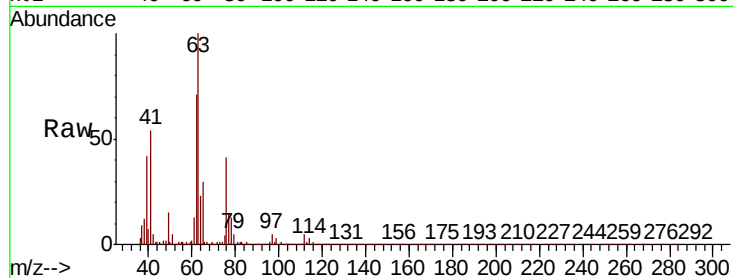




#45
 1,2-Dichloropropane
 Concen: 19.278 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

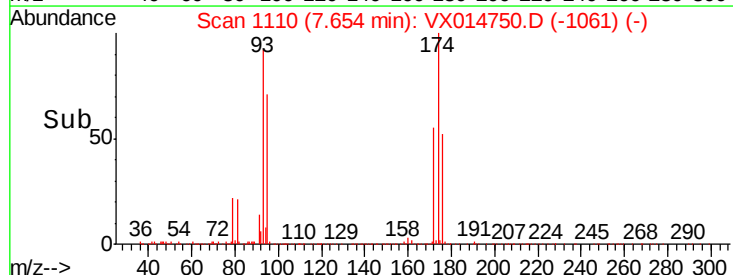
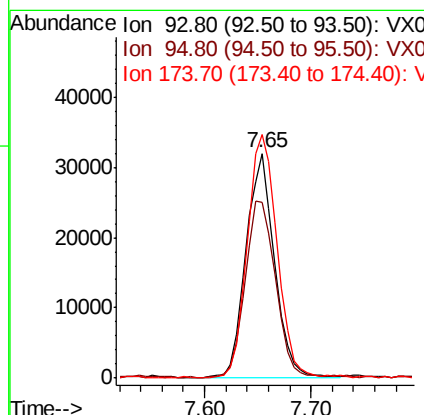
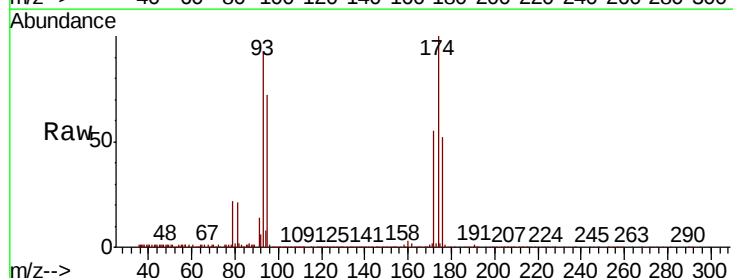
Instrument :
 MSVOA_X
 ClientSampled :

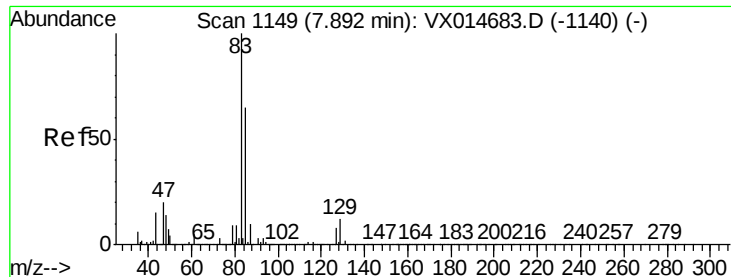
Tot Ion: 63 Resp: 94891
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.2 37.8



#46
 Dibromomethane
 Concen: 18.848 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion: 93 Resp: 60084
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.0 100.4
 174 112.9 90.2 135.2





#47

Bromodichloromethane

Concen: 18.911 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

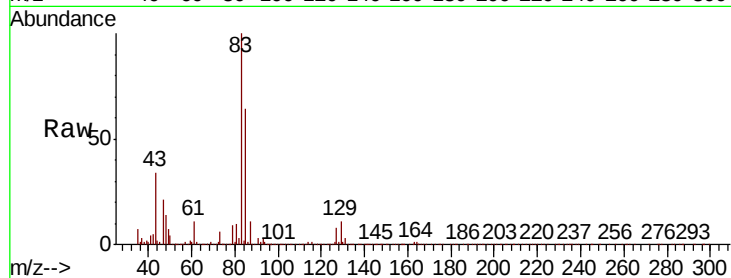
Tot Ion: 83 Resp: 118240

Ion Ratio Lower Upper

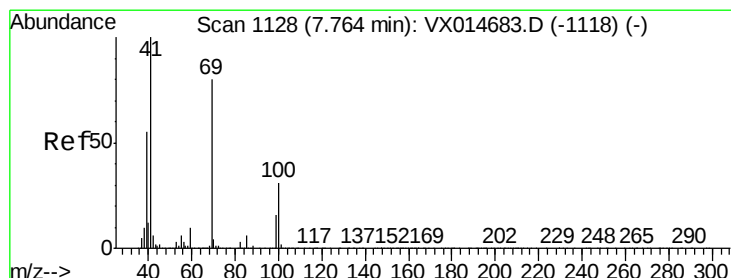
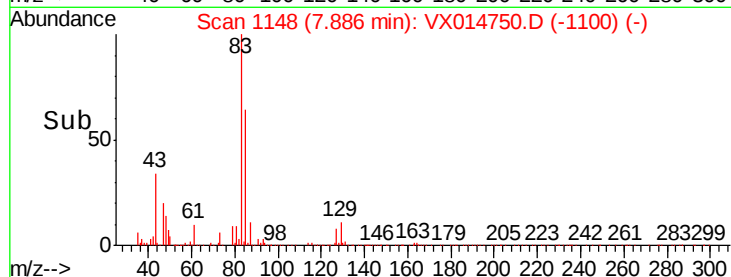
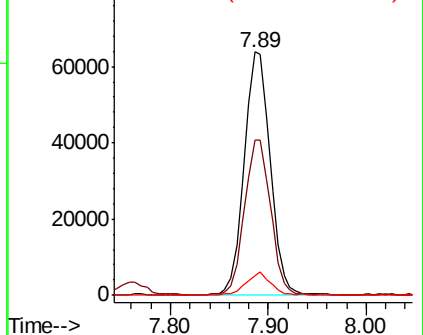
83 100

85 63.8 52.2 78.2

127 7.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.584 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

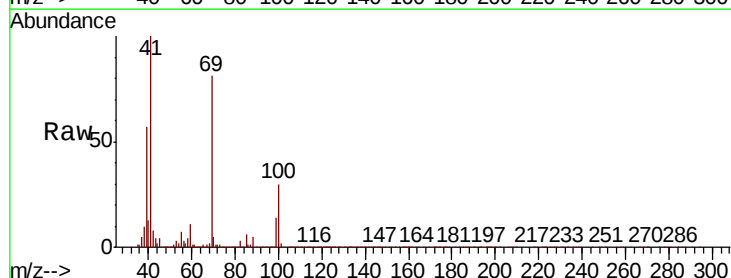
Tgt Ion: 41 Resp: 102982

Ion Ratio Lower Upper

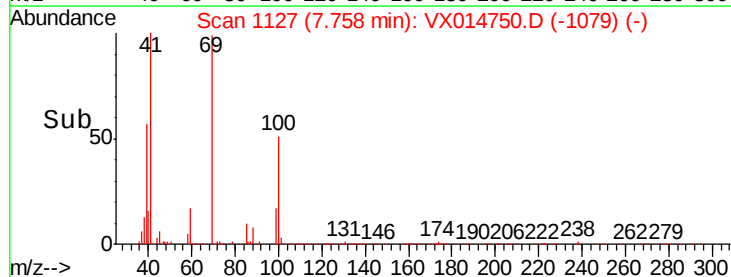
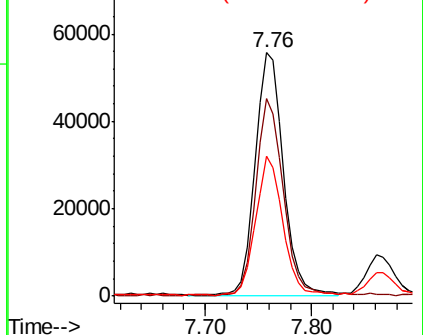
41 100

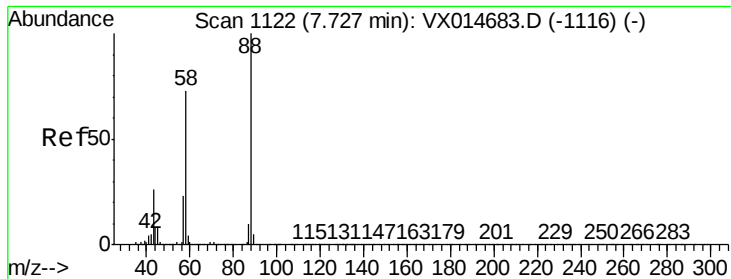
69 79.9 63.5 95.3

39 56.8 43.7 65.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 358.813 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

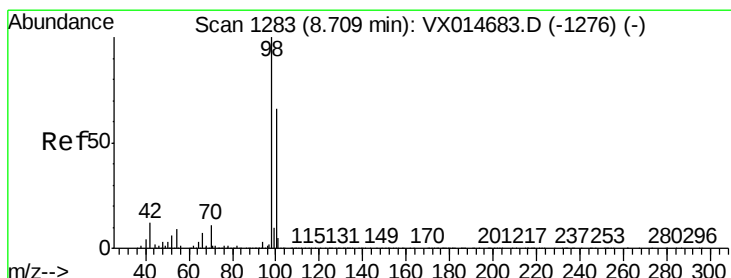
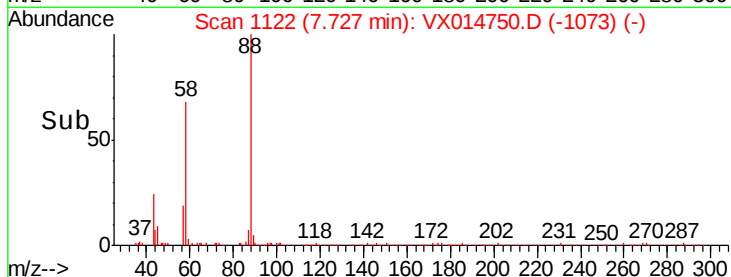
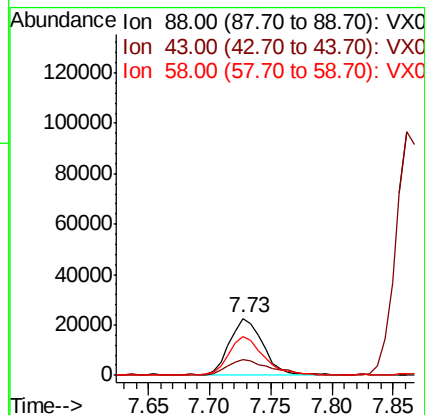
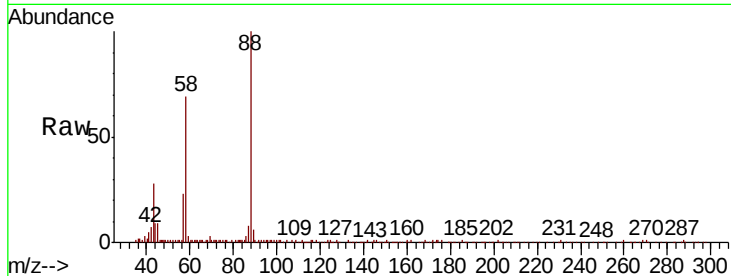
Tot Ion: 88 Resp: 42147

Ion Ratio Lower Upper

88 100

43 34.2 26.2 39.2

58 70.2 56.6 85.0



#50

Toluene-d8

Concen: 46.116 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014750.D

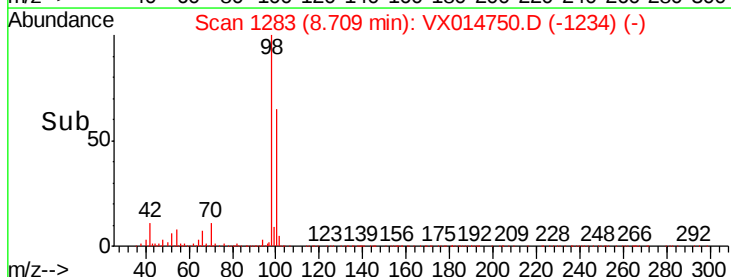
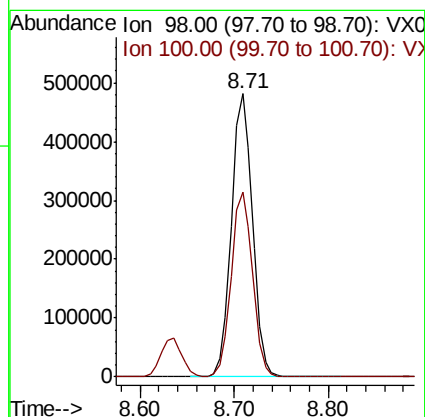
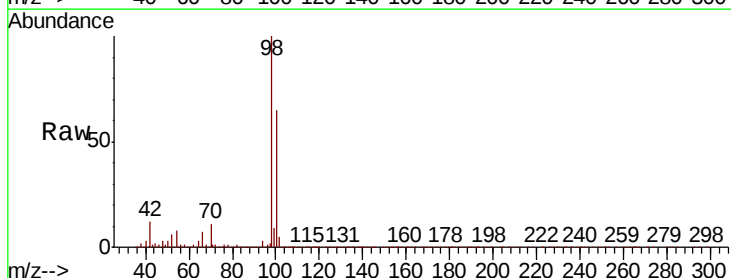
Acq: 28 Jan 2020 14:55

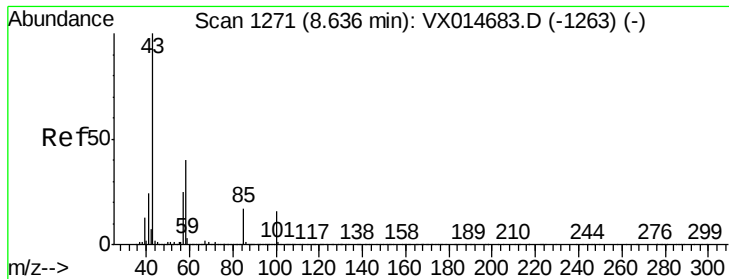
Tgt Ion: 98 Resp: 744457

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 89.818 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

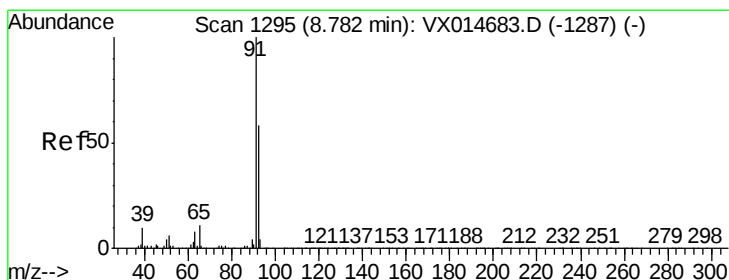
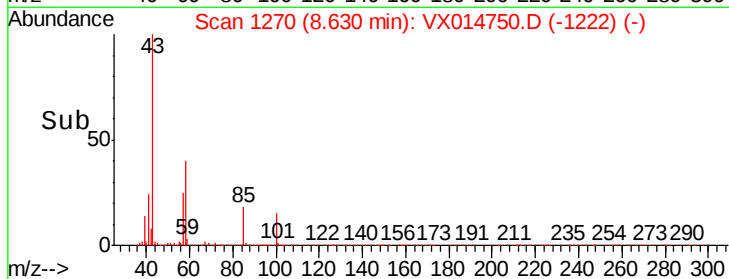
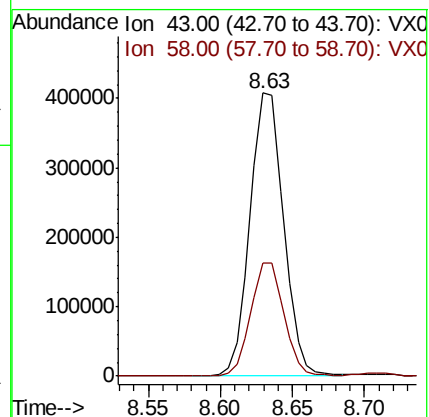
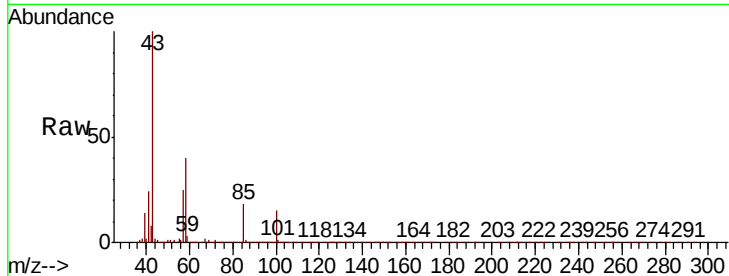
ClientSampleId :

Tot Ion: 43 Resp: 657455

Ion Ratio Lower Upper

43 100

58 39.5 31.6 47.4



#52

Toluene

Concen: 18.966 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014750.D

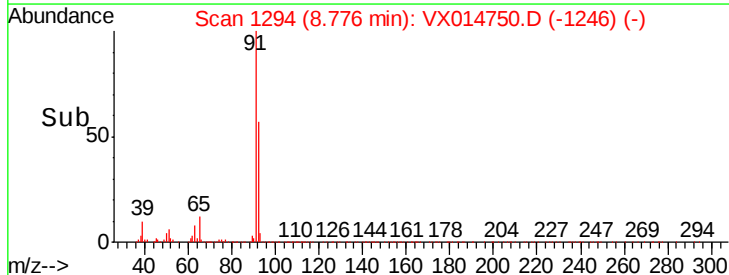
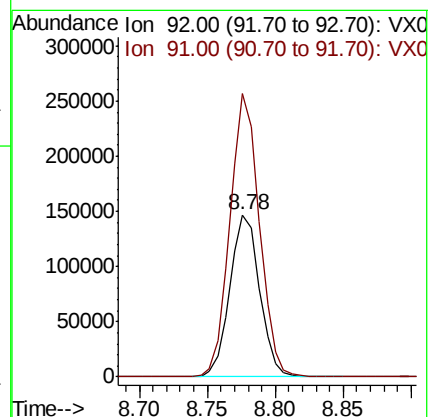
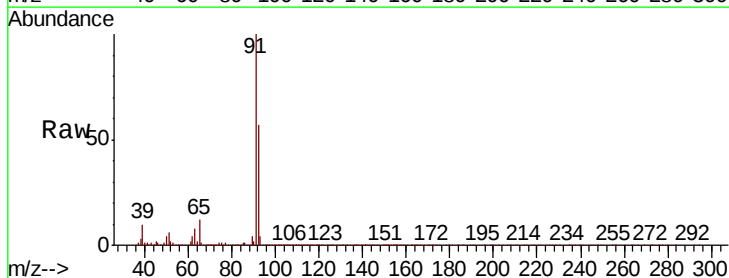
Acq: 28 Jan 2020 14:55

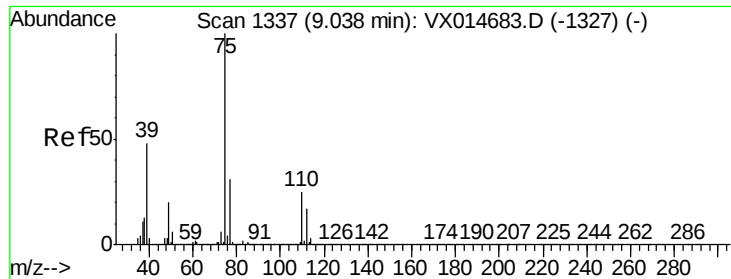
Tgt Ion: 92 Resp: 222749

Ion Ratio Lower Upper

92 100

91 173.4 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 18.709 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

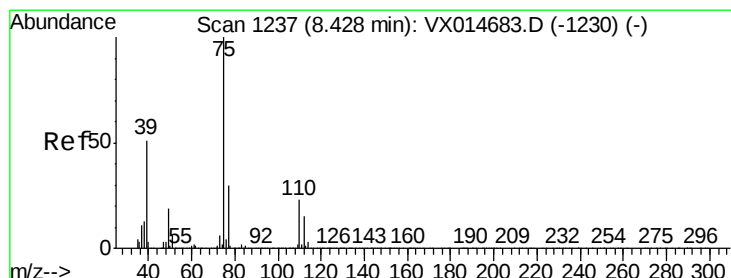
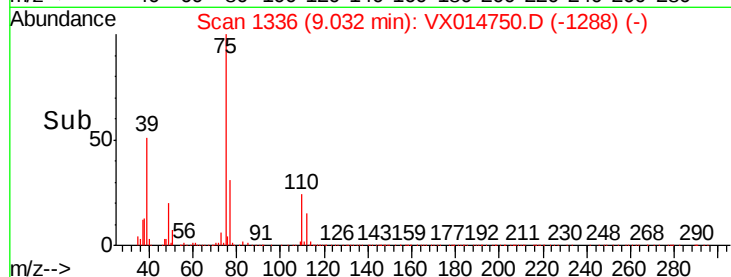
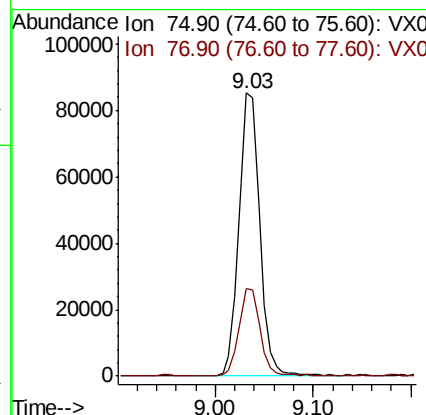
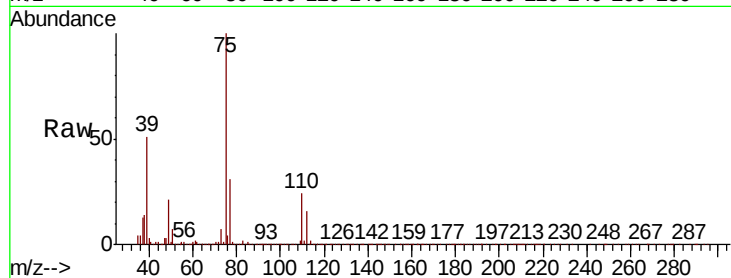
ClientSampleId :

Tot Ion: 75 Resp: 125957

Ion Ratio Lower Upper

75 100

77 30.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 18.839 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

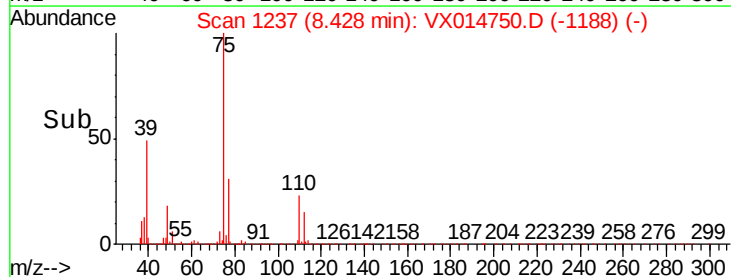
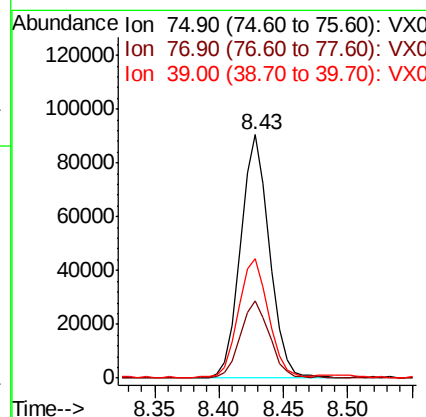
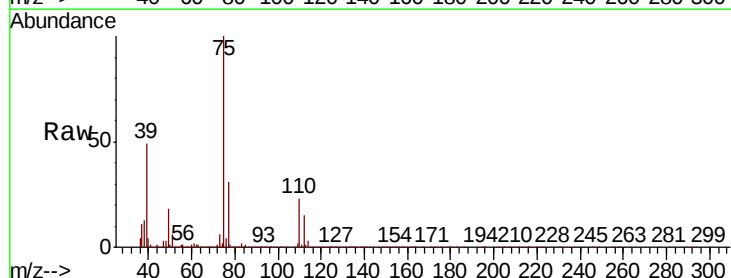
Tgt Ion: 75 Resp: 139530

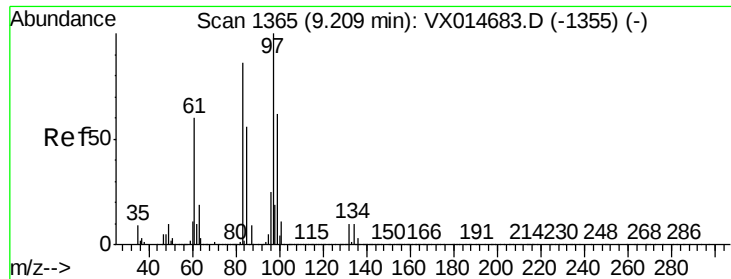
Ion Ratio Lower Upper

75 100

77 31.3 23.9 35.9

39 49.1 40.9 61.3

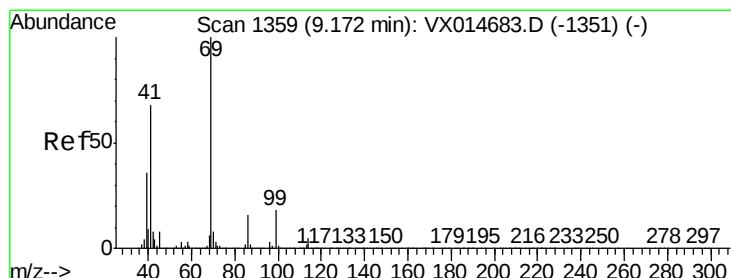
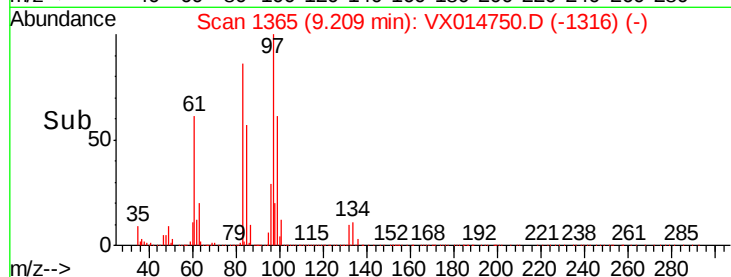
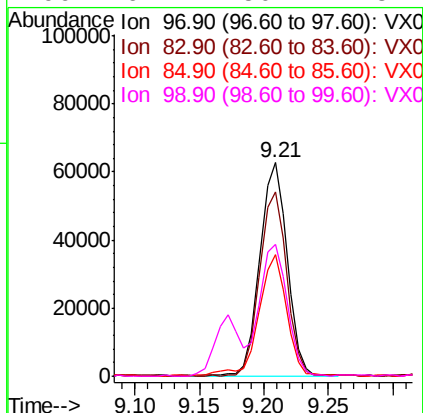
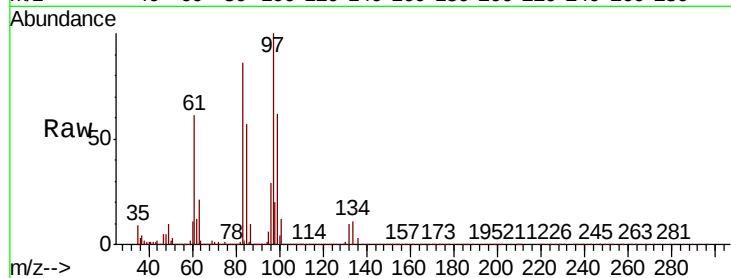




#55
 1,1,2-Trichloroethane
 Concen: 19.037 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

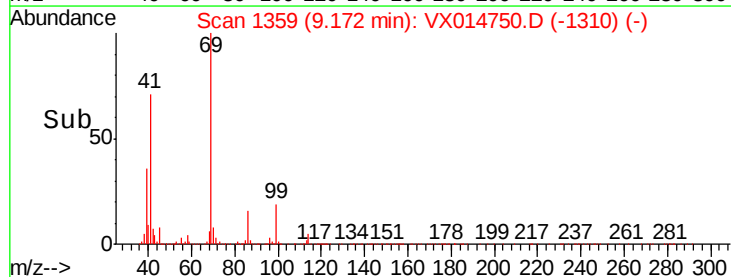
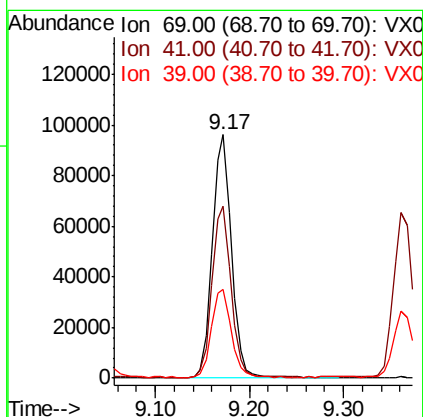
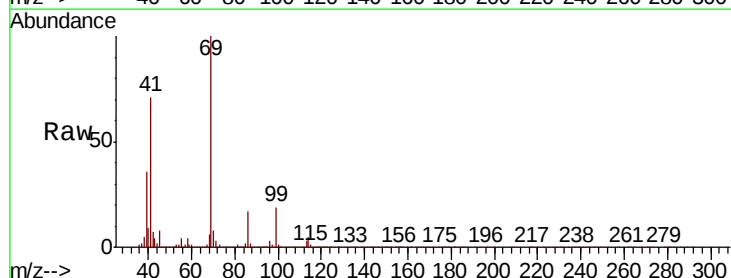
Instrument :
 MSVOA_X
 ClientSampled :

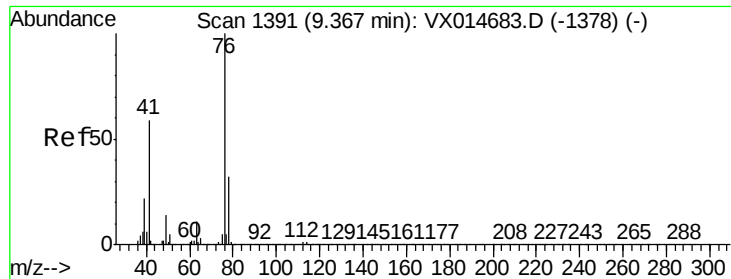
Tot Ion:	97	Resp:	91538
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.2	103.8
85	57.1	44.6	67.0
99	61.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 17.849 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion:	69	Resp:	135806
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.9	82.3
39	36.9	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.172 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

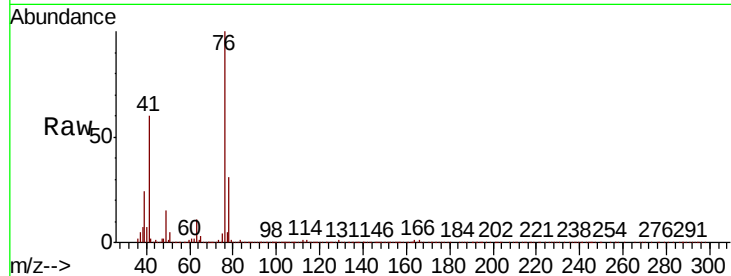
ClientSampleId :

Tot Ion: 76 Resp: 157597

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

120000

100000

80000

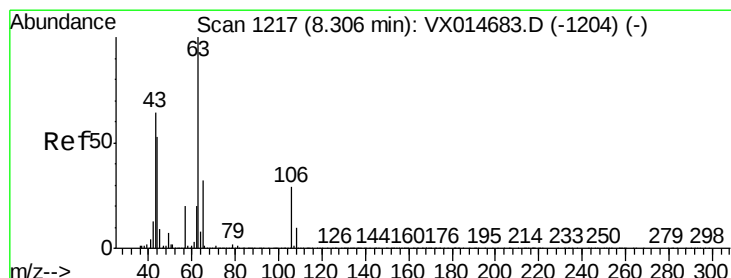
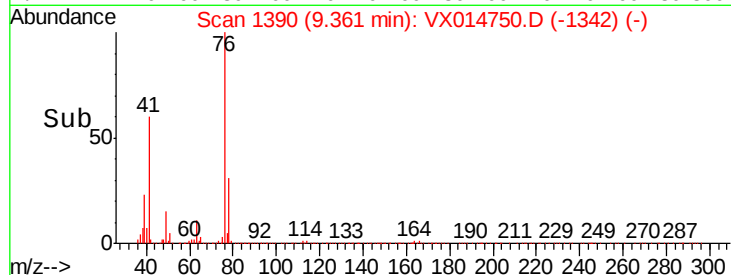
60000

40000

20000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 95.823 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014750.D

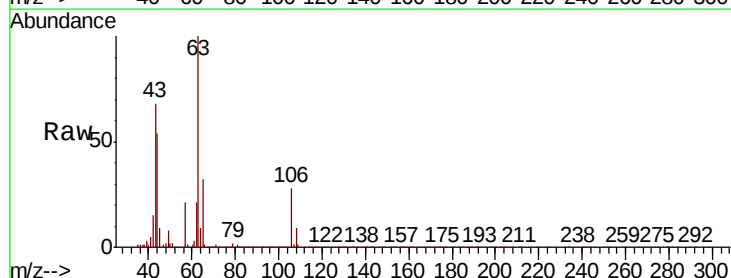
Acq: 28 Jan 2020 14:55

Tgt Ion: 63 Resp: 231724

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

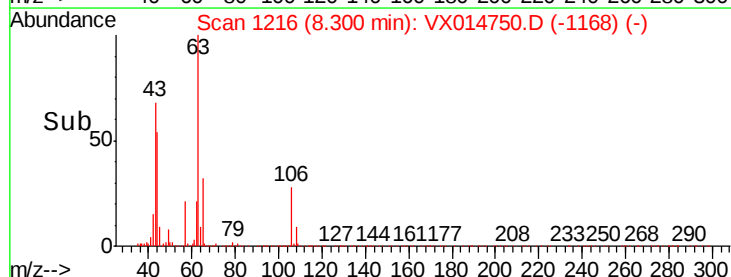
150000

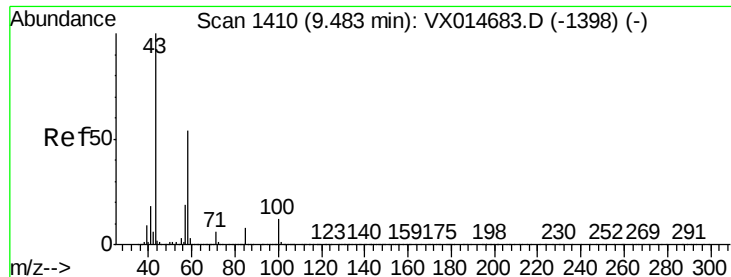
100000

50000

0

Time--> 8.20 8.30 8.40

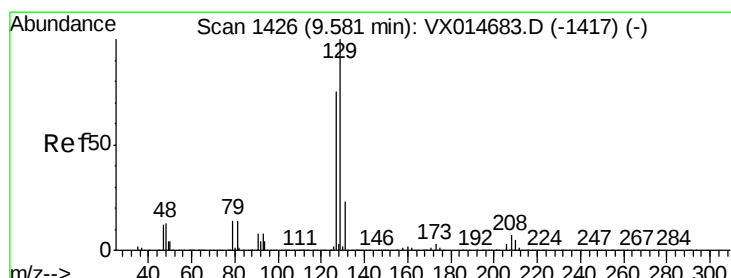
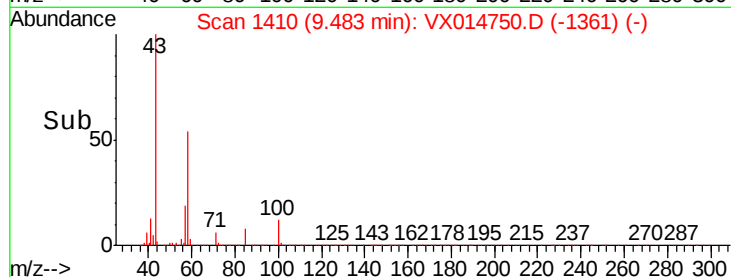
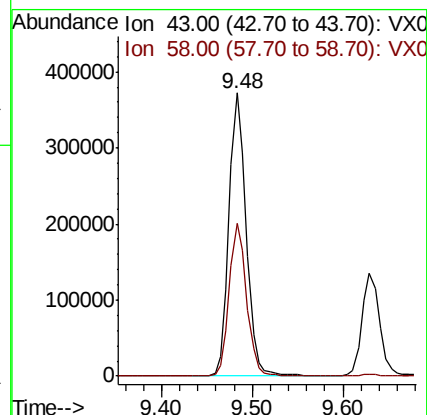
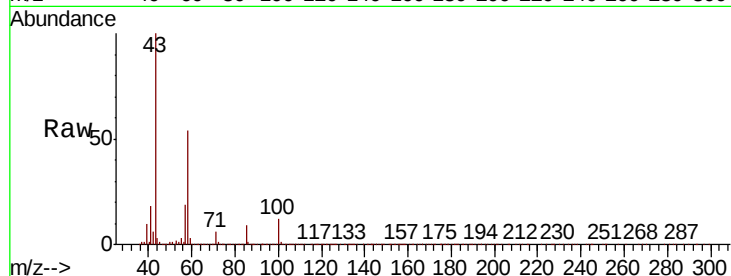




#59
2-Hexanone
Concen: 86.693 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

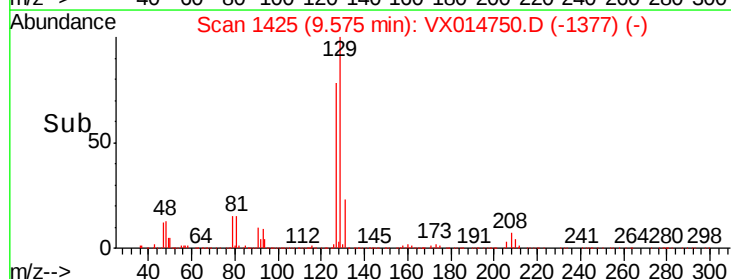
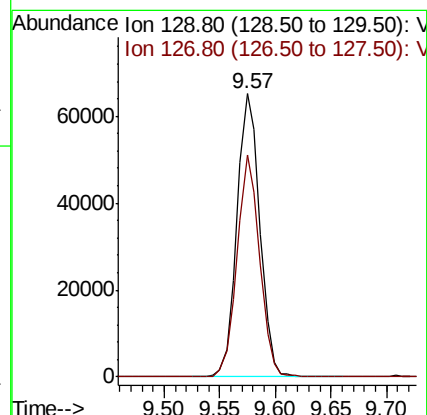
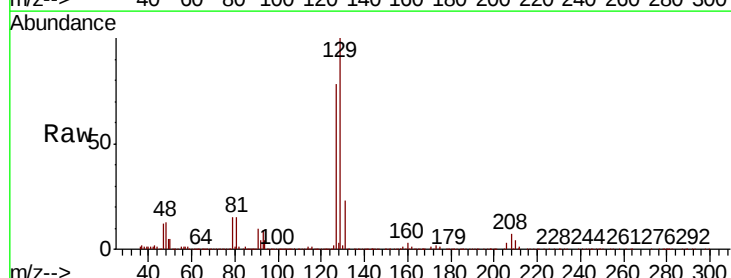
Instrument :
MSVOA_X
ClientSampleId :

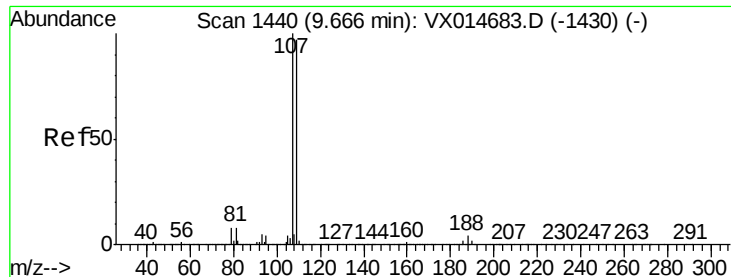
Tot Ion: 43 Resp: 492425
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 18.532 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion:129 Resp: 93015
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

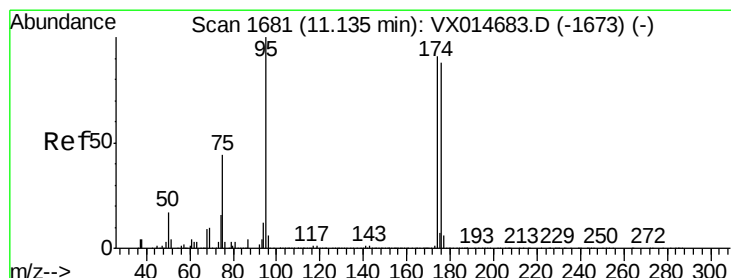
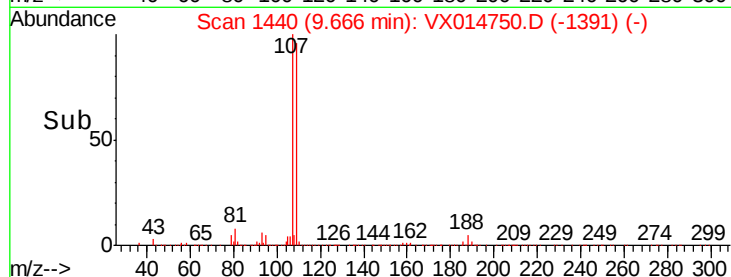
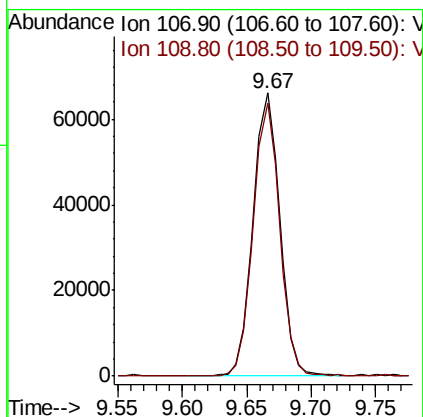
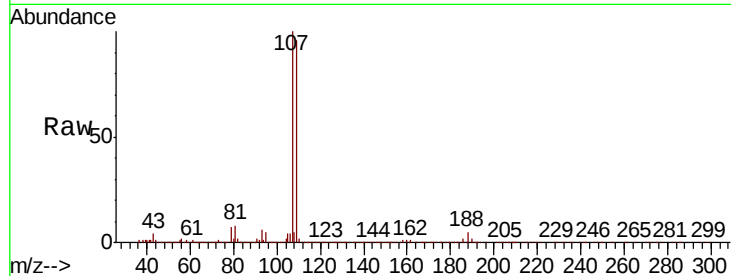




#61
 1,2-Dibromoethane
 Concen: 18.608 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

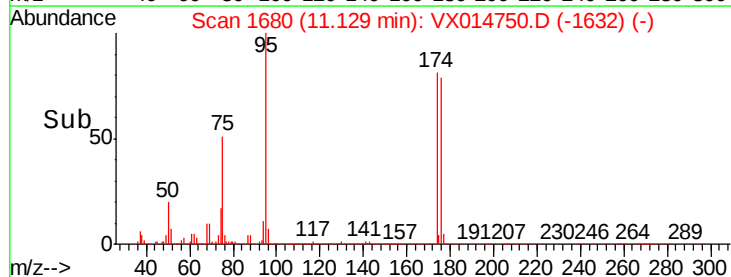
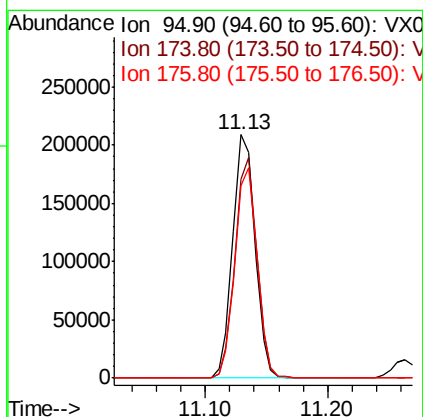
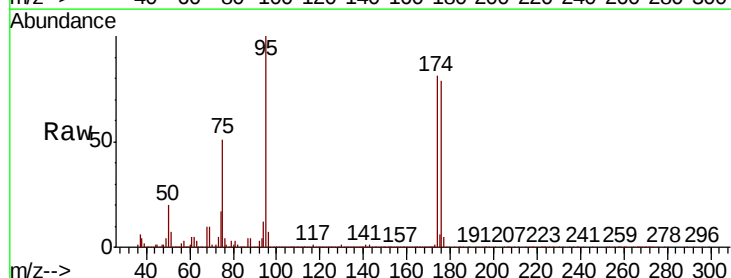
Instrument :
 MSVOA_X
 ClientSampleId :

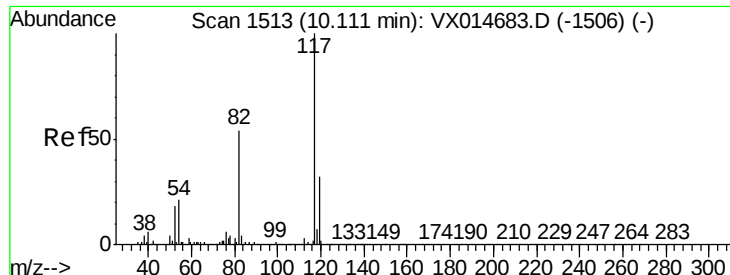
Tot Ion:107 Resp: 94606
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 45.665 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion: 95 Resp: 262597
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 176.0
 176 86.5 0.0 172.2

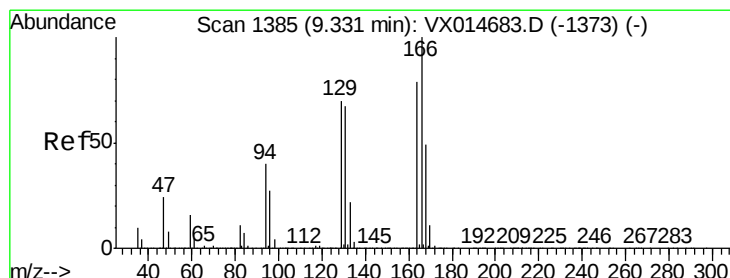
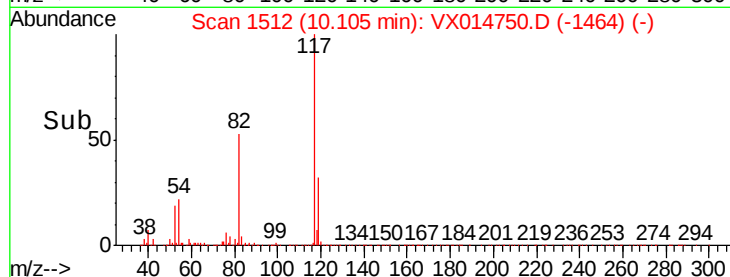
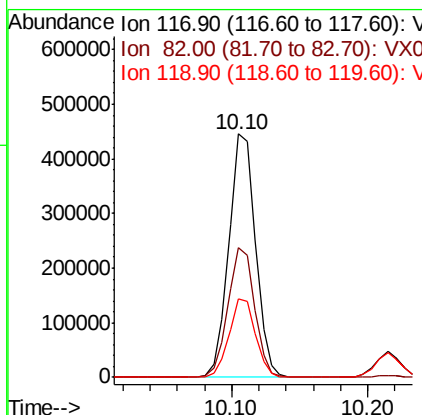
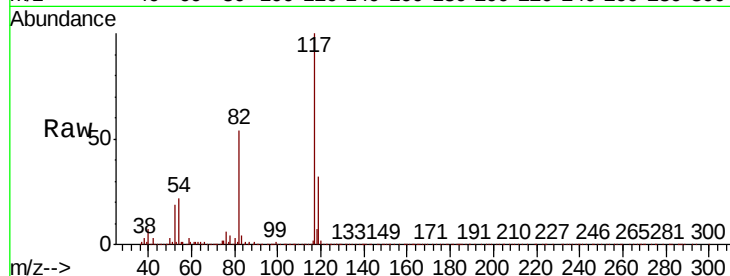




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

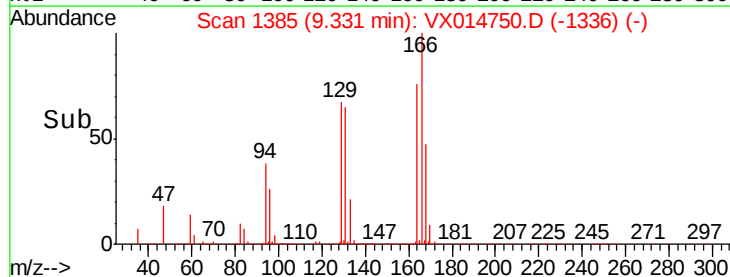
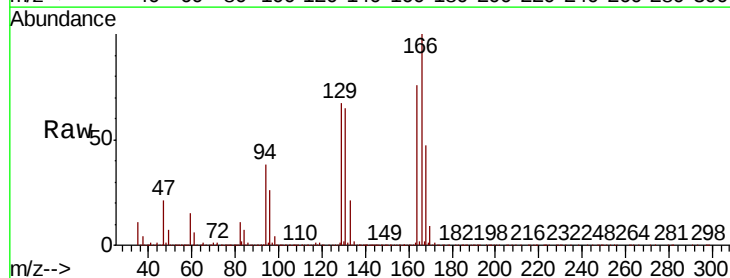
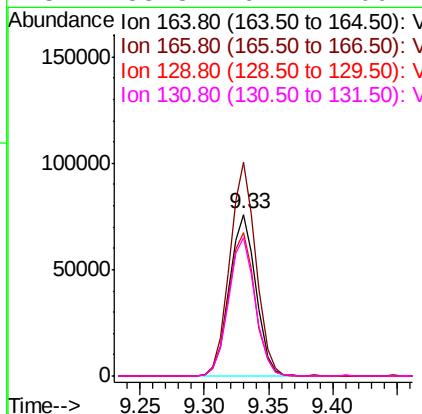
Instrument :
MSVOA_X
ClientSampled :

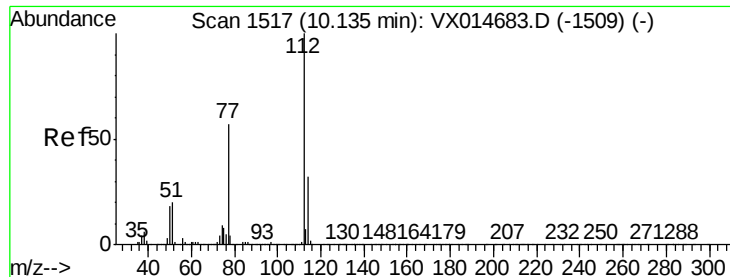
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.2	64.8
119	32.2	25.8	38.6



#64
Tetrachloroethene
Concen: 18.307 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	100.9	151.3
129	89.0	71.0	106.6
131	85.8	67.1	100.7

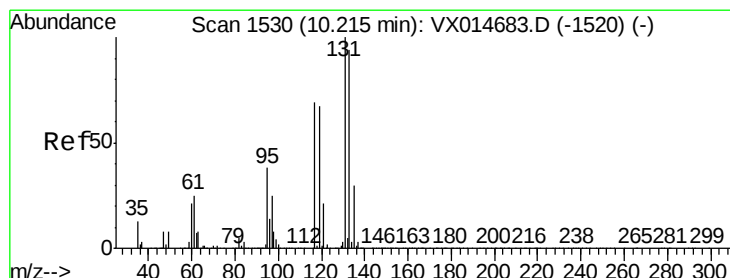
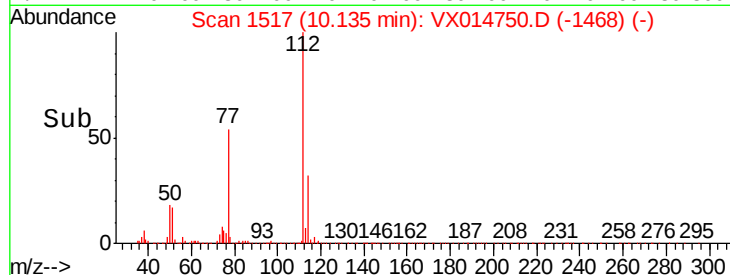
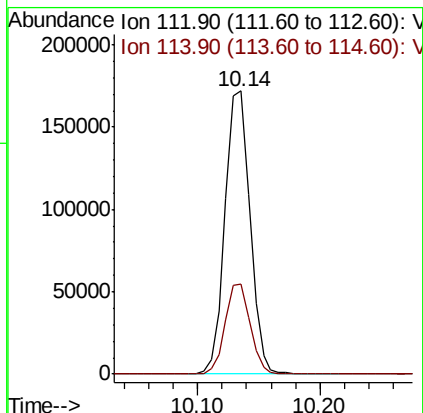
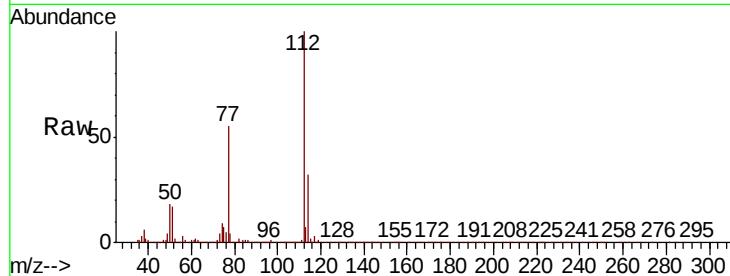




#65
Chlorobenzene
Concen: 18.688 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

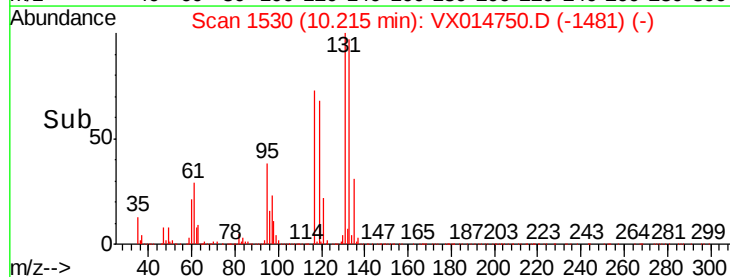
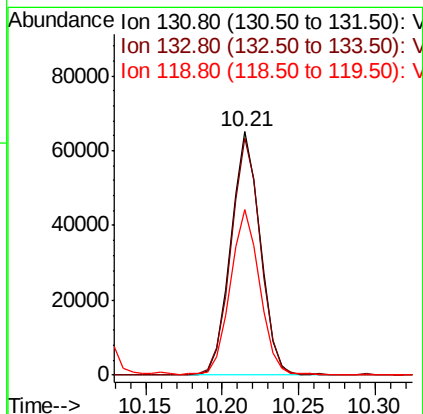
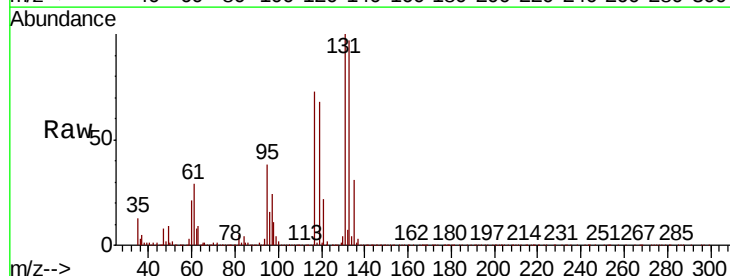
Instrument :
MSVOA_X
ClientSampleId :

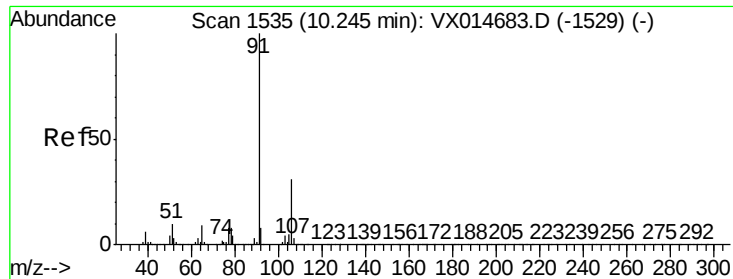
Tot Ion:112 Resp: 243185
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.975 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion:131 Resp: 86244
Ion Ratio Lower Upper
131 100
133 98.6 47.4 142.3
119 68.3 33.3 99.8





#67

Ethyl Benzene

Concen: 19.032 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

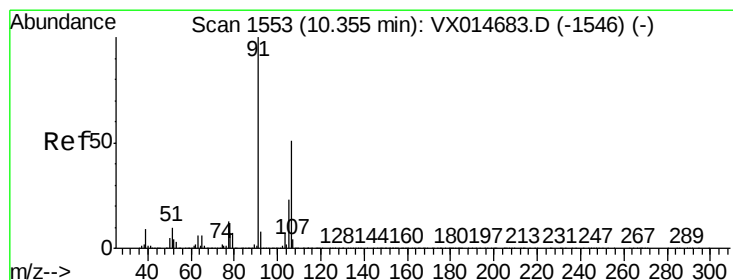
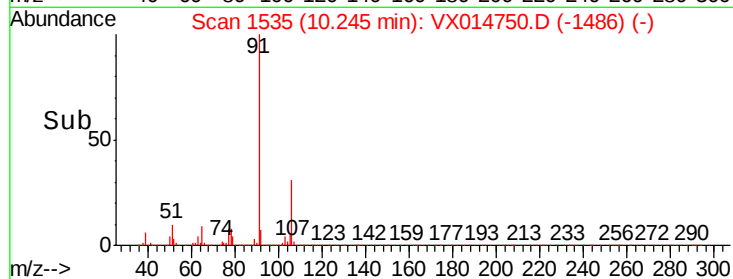
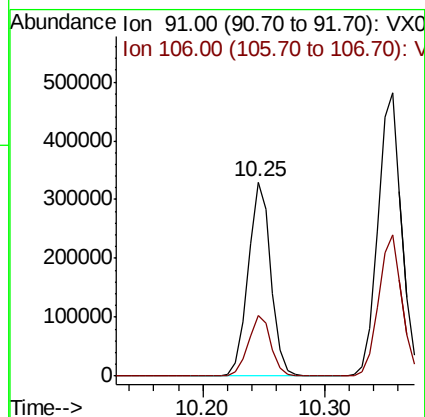
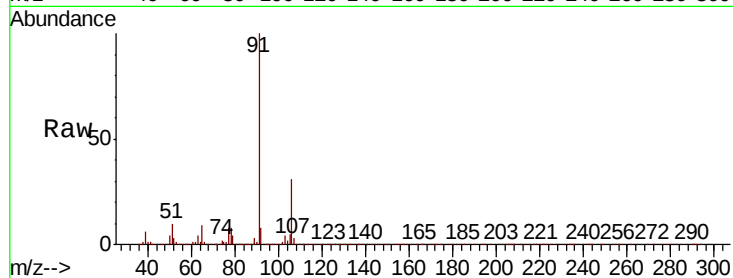
ClientSampleId :

Tot Ion: 91 Resp: 422871

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 37.942 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014750.D

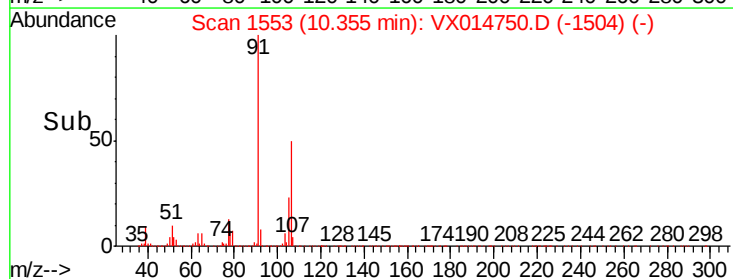
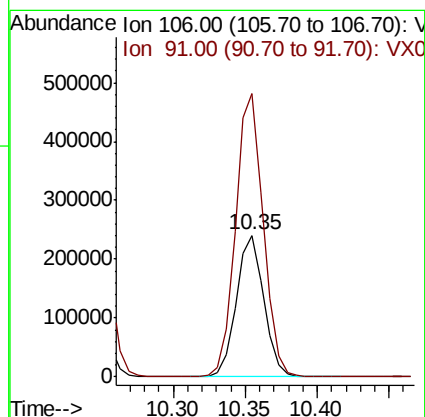
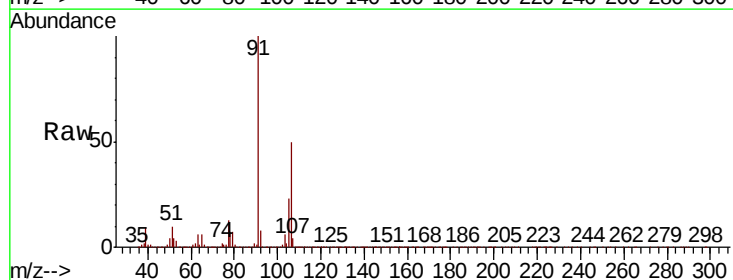
Acq: 28 Jan 2020 14:55

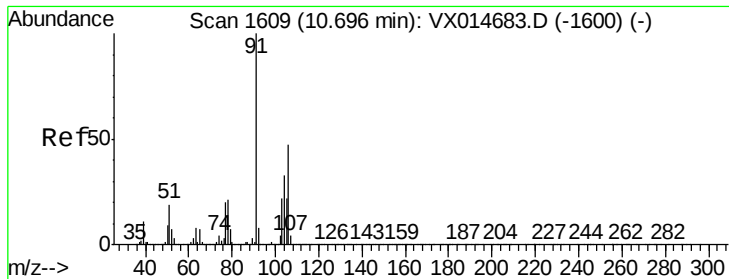
Tgt Ion: 106 Resp: 319385

Ion Ratio Lower Upper

106 100

91 202.6 159.4 239.2

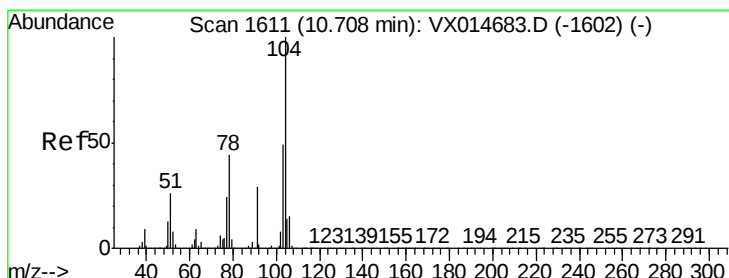
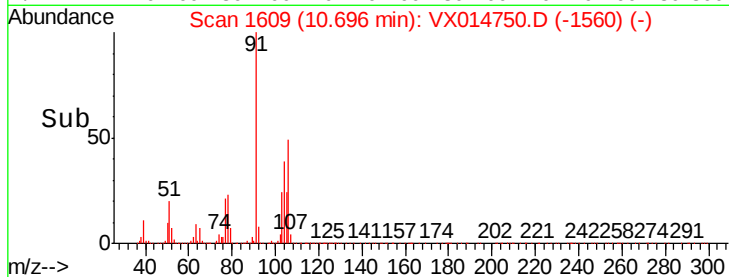
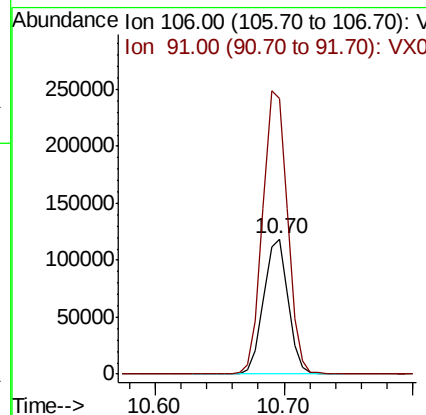
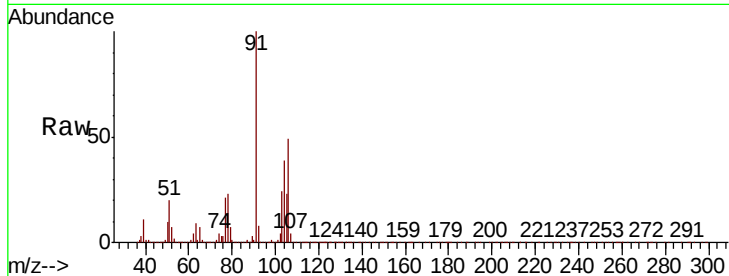




#69
o-Xylene
Concen: 19.024 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

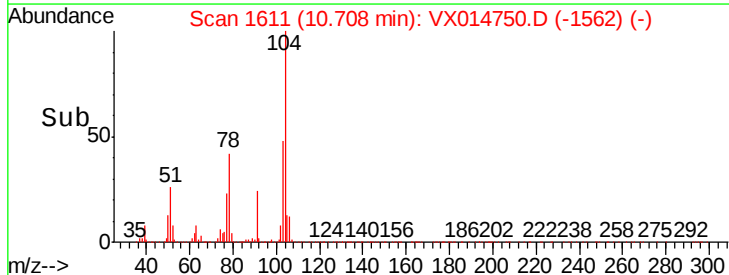
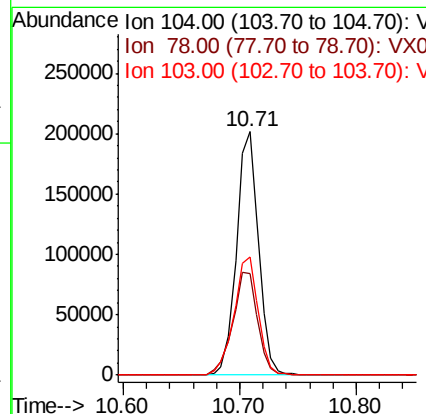
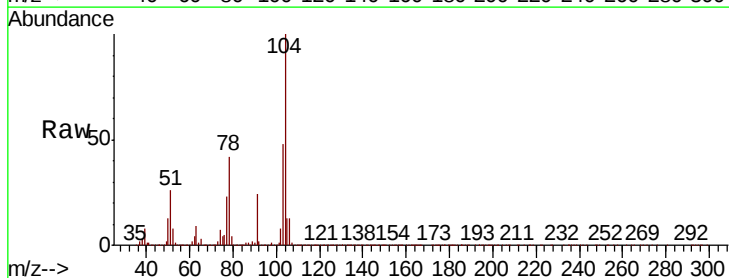
Instrument :
MSVOA_X
ClientSampleId :

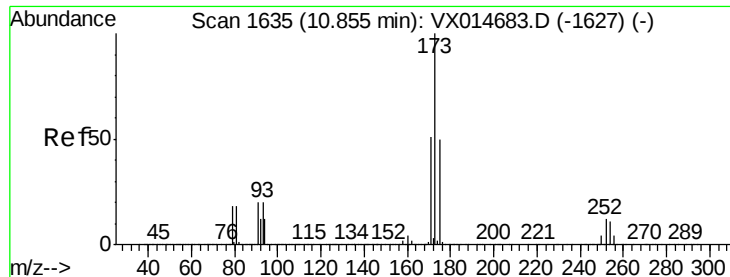
Tot Ion:106 Resp: 154599
Ion Ratio Lower Upper
106 100
91 213.2 106.2 318.6



#70
Styrene
Concen: 19.505 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion:104 Resp: 265882
Ion Ratio Lower Upper
104 100
78 47.7 39.3 58.9
103 53.2 43.5 65.3





#71

Bromoform

Concen: 17.843 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

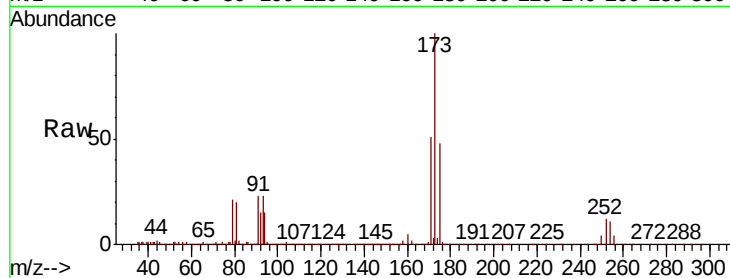
Tot Ion:173 Resp: 68080

Ion Ratio Lower Upper

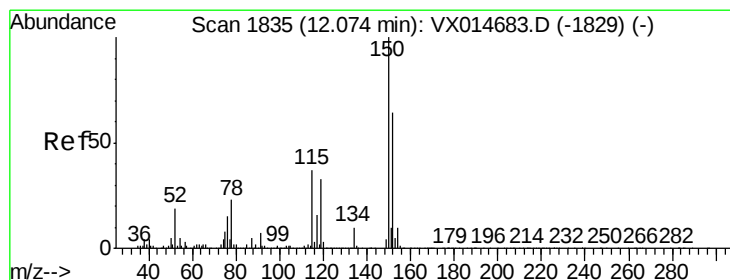
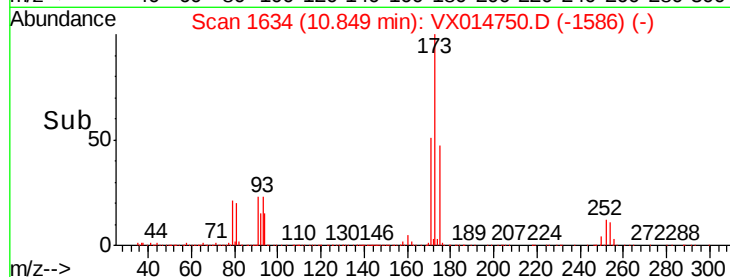
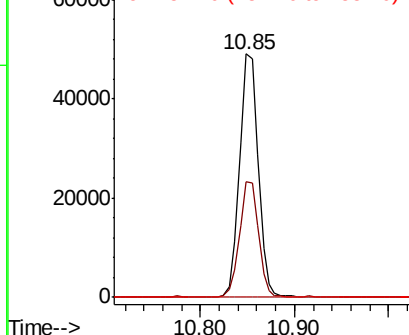
173 100

175 48.3 24.6 73.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

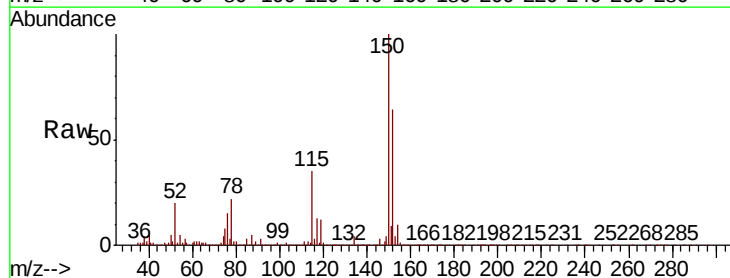
Tgt Ion:152 Resp: 306592

Ion Ratio Lower Upper

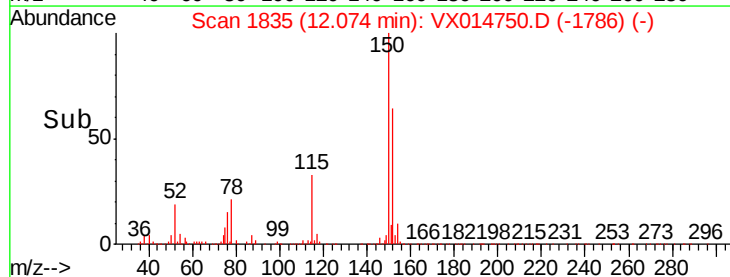
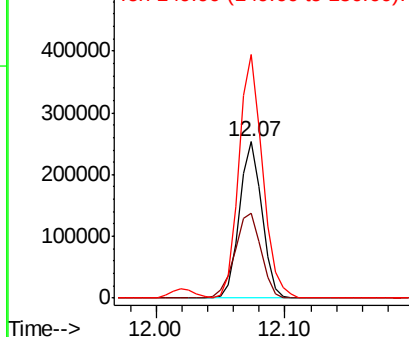
152 100

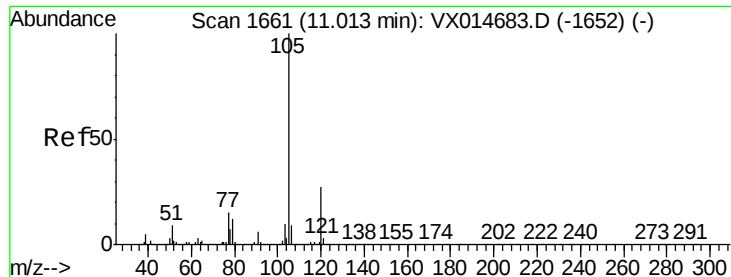
115 63.6 39.4 118.1

150 163.8 0.0 351.2



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





#73

Isopropylbenzene

Concen: 19.024 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

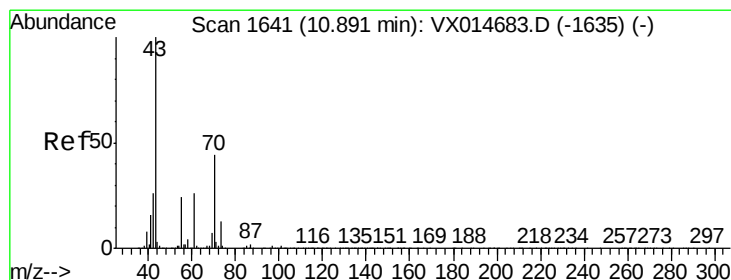
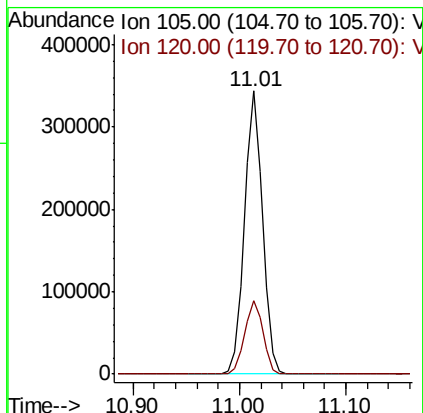
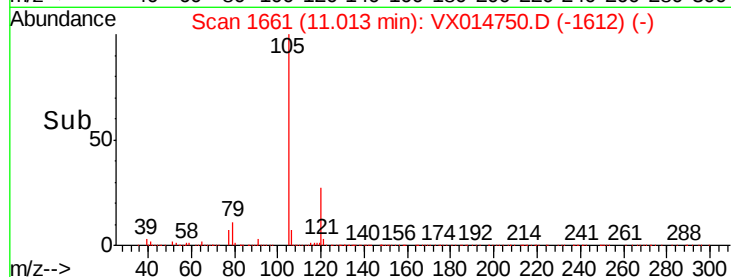
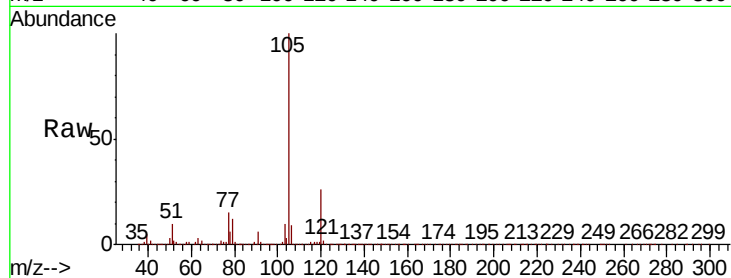
ClientSampleId :

Tot Ion:105 Resp: 410106

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 18.637 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion: 43 Resp: 176056

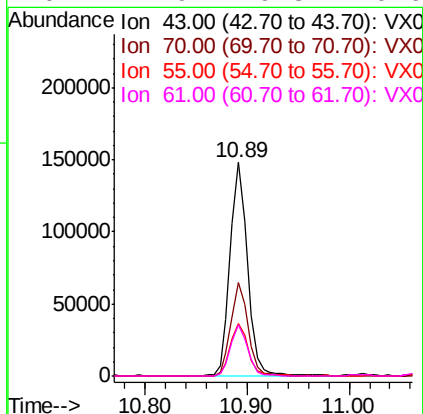
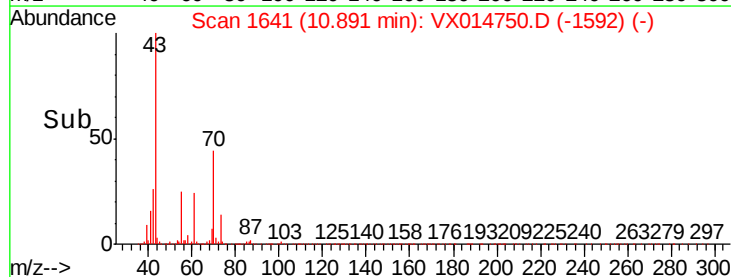
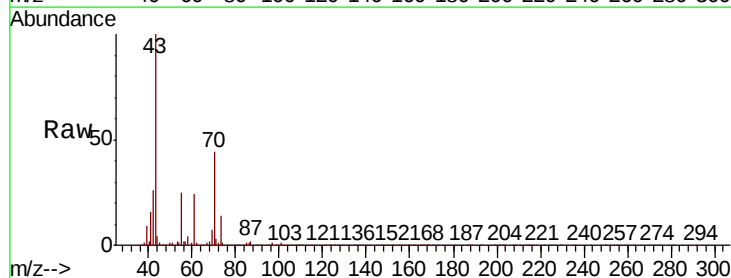
Ion Ratio Lower Upper

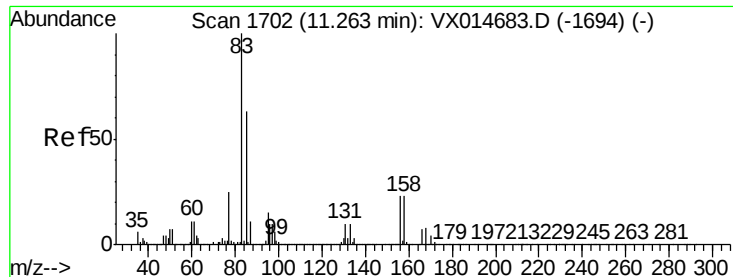
43 100

70 42.5 34.6 52.0

55 25.0 19.4 29.2

61 22.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.046 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

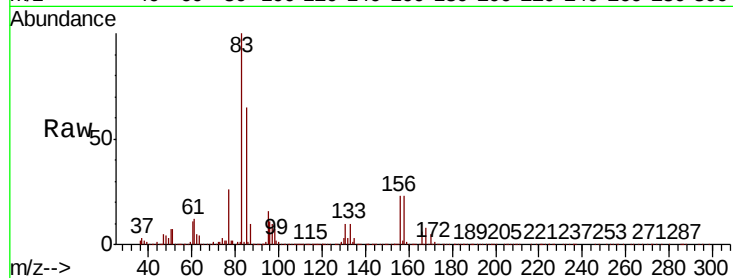
Tot Ion: 83 Resp: 131207

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

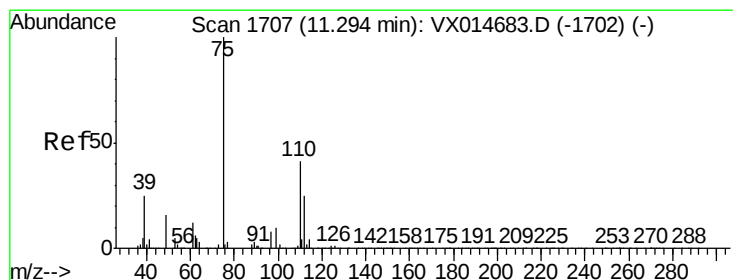
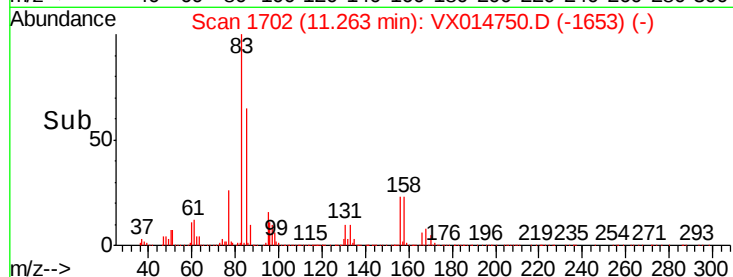
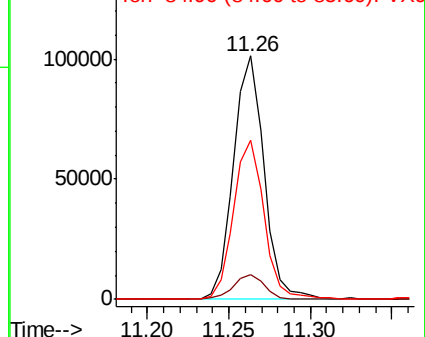
85 65.6 31.7 95.1



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: 21.325 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014750.D

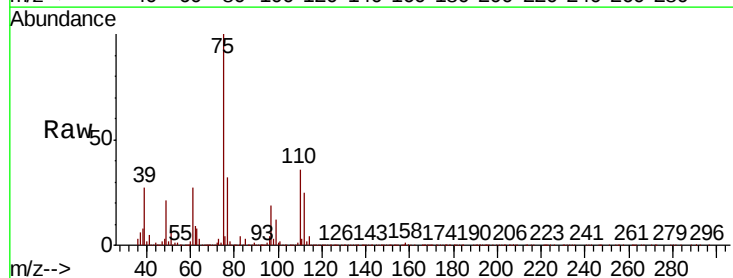
Acq: 28 Jan 2020 14:55

Tgt Ion: 75 Resp: 152111

Ion Ratio Lower Upper

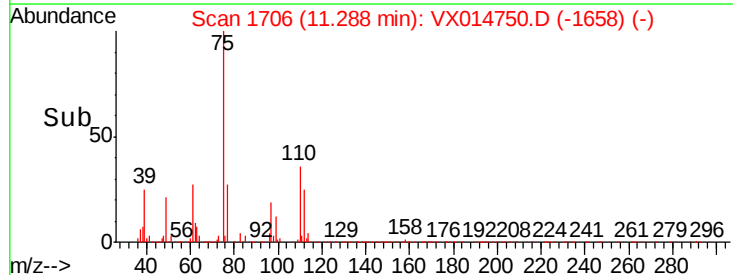
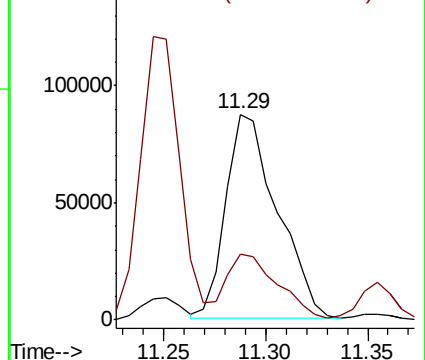
75 100

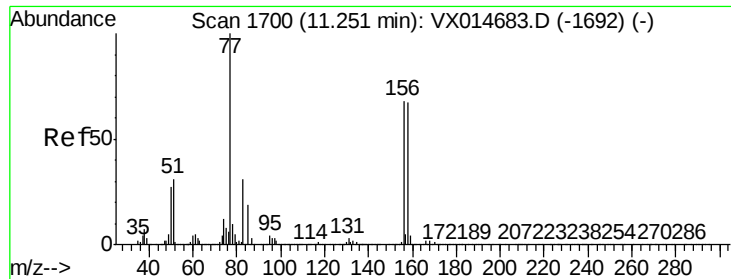
77 33.0 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.525 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

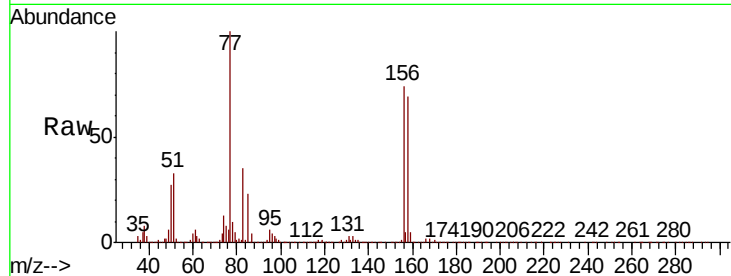
Tot Ion:156 Resp: 107283

Ion Ratio Lower Upper

156 100

77 150.6 77.5 232.5

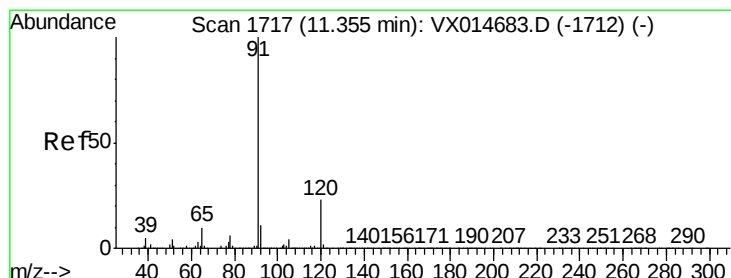
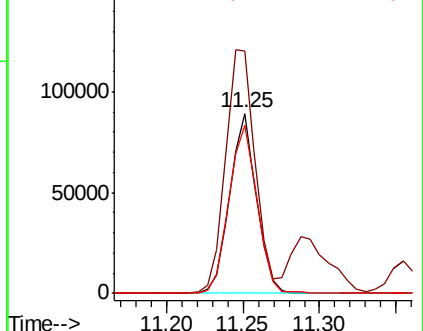
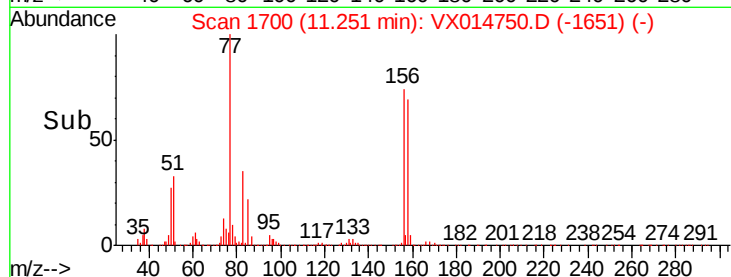
158 98.9 49.1 147.3



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: 19.487 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014750.D

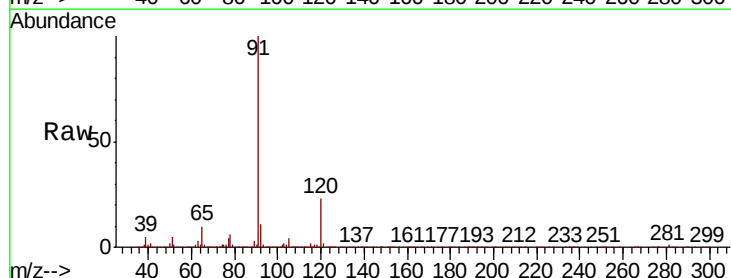
Acq: 28 Jan 2020 14:55

Tgt Ion: 91 Resp: 476852

Ion Ratio Lower Upper

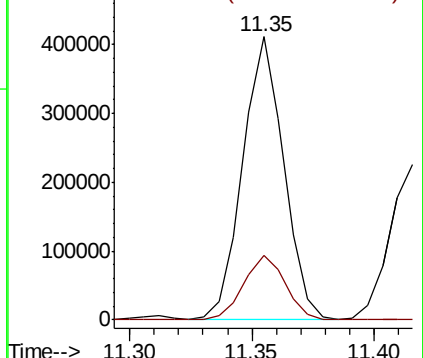
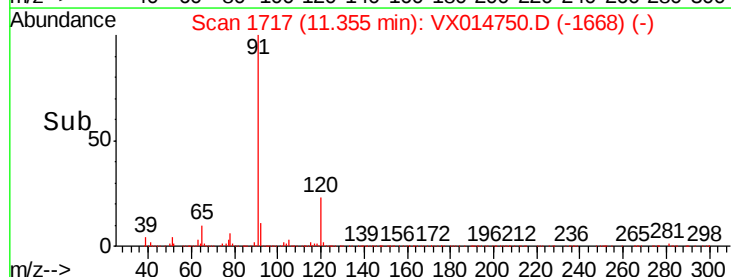
91 100

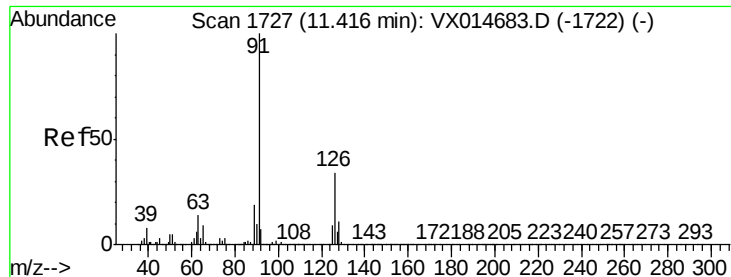
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

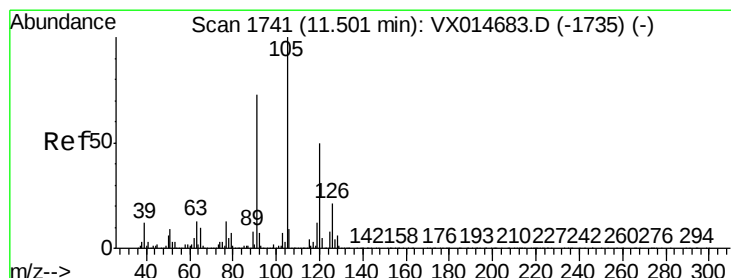
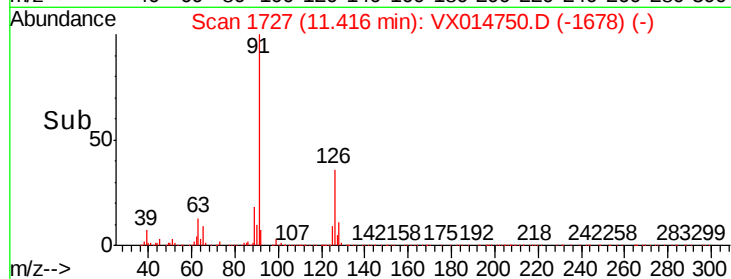
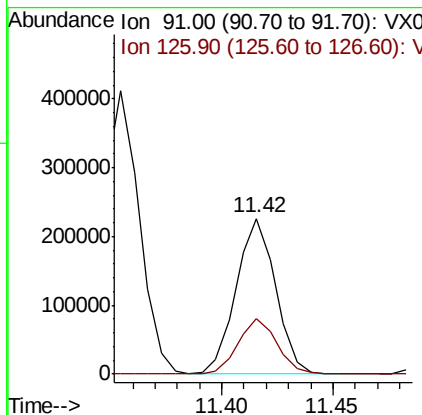
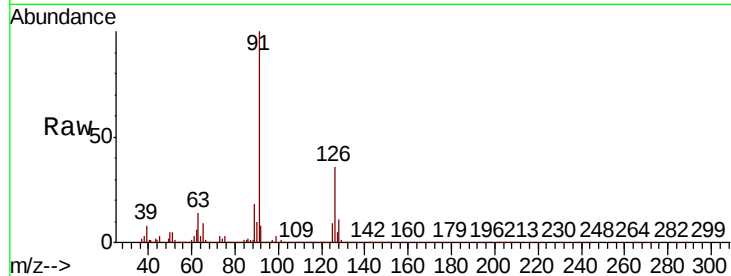




#79
 2-Chlorotoluene
 Concen: 18.828 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

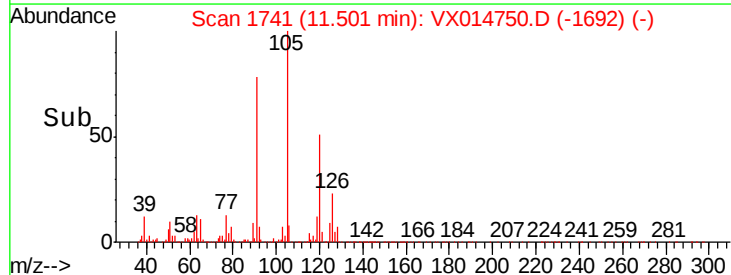
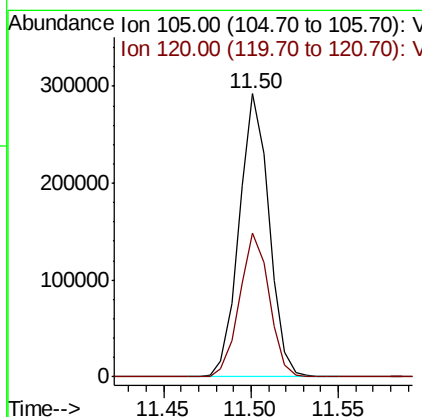
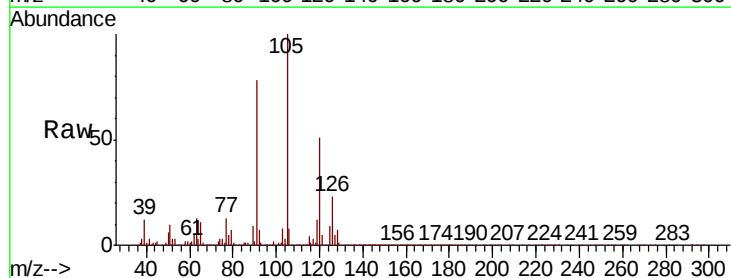
Instrument :
 MSVOA_X
 ClientSampleId :

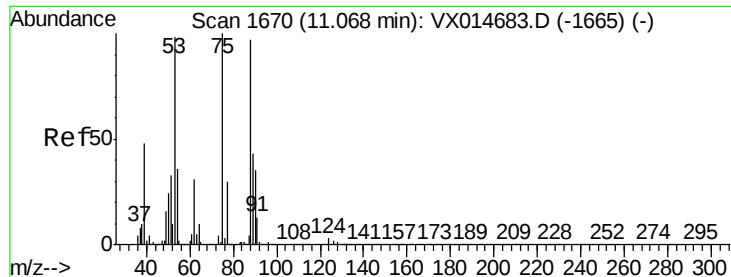
Tot Ion: 91 Resp: 278770
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.349 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion: 105 Resp: 346199
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.887 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

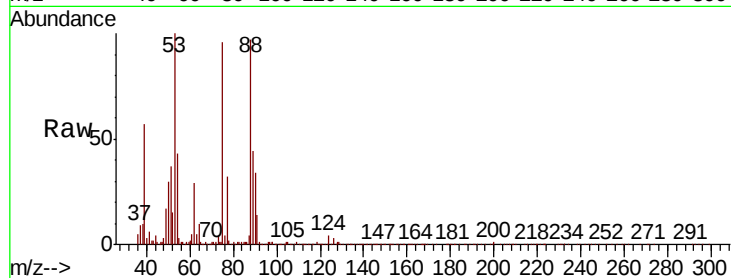
Tot Ion: 75 Resp: 39822

Ion Ratio Lower Upper

75 100

53 107.0 78.8 118.2

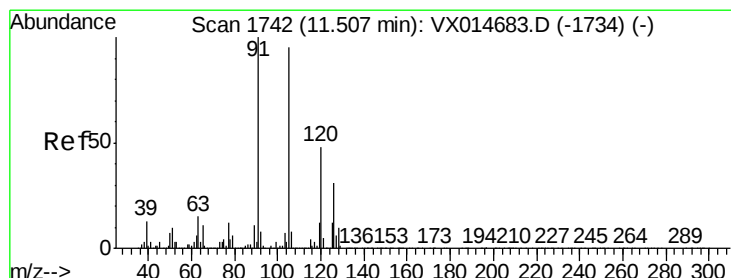
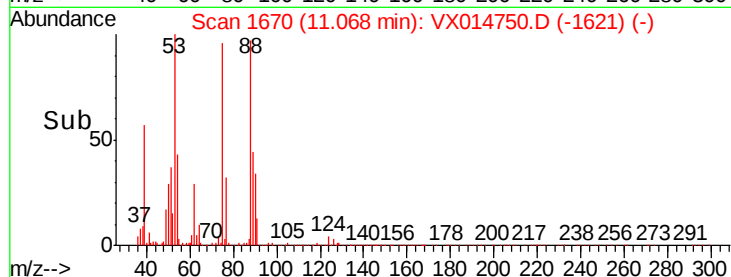
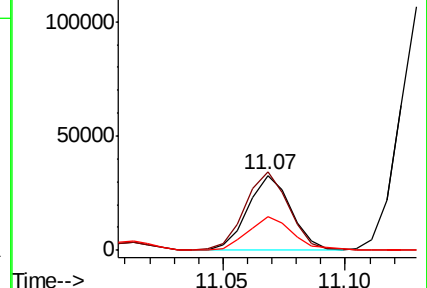
89 48.6 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.273 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014750.D

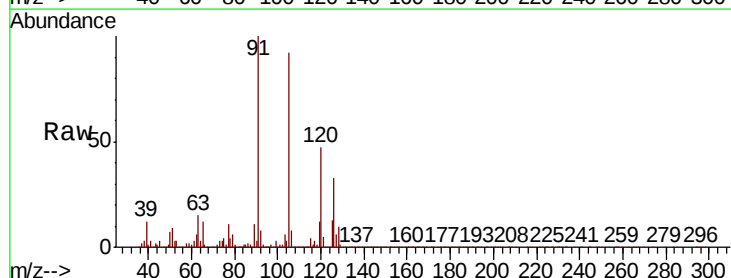
Acq: 28 Jan 2020 14:55

Tgt Ion: 91 Resp: 324860

Ion Ratio Lower Upper

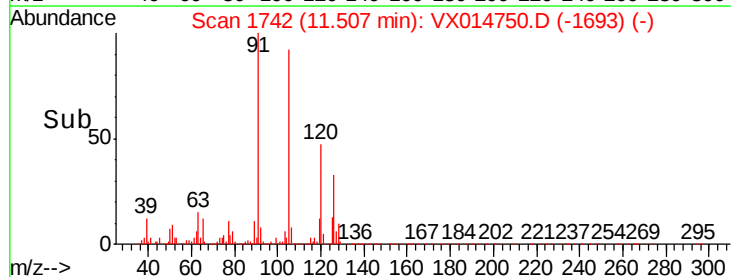
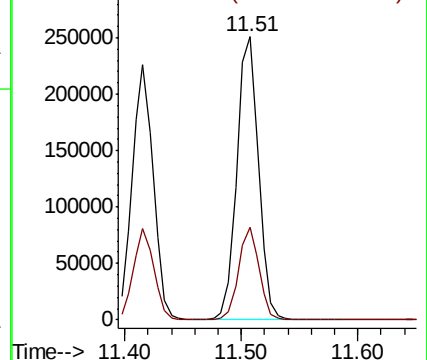
91 100

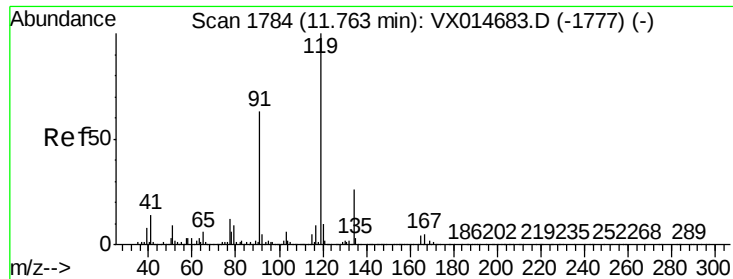
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.045 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

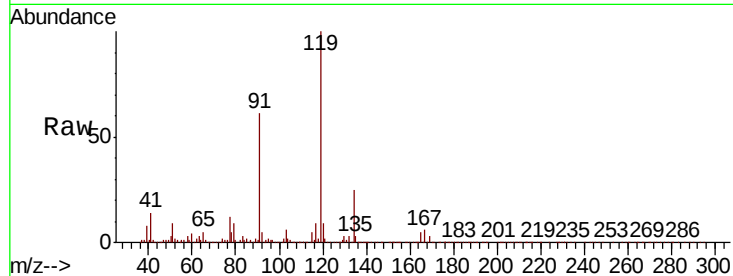
Tot Ion:119 Resp: 320201

Ion Ratio Lower Upper

119 100

91 58.3 30.0 90.0

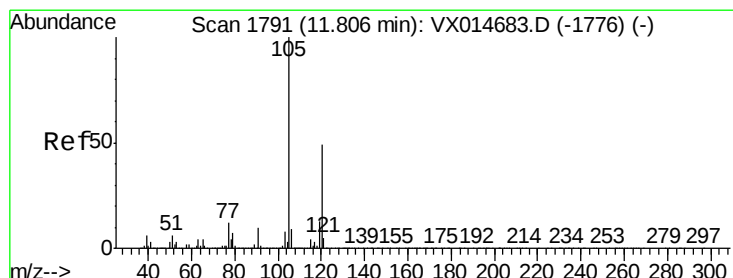
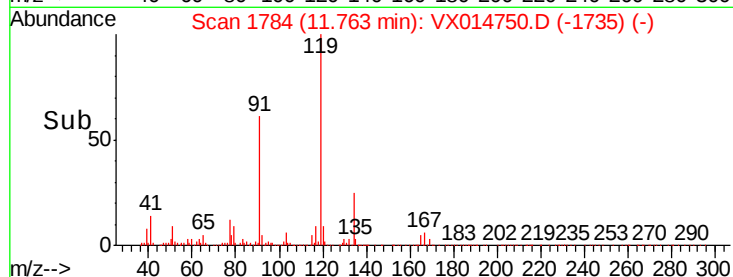
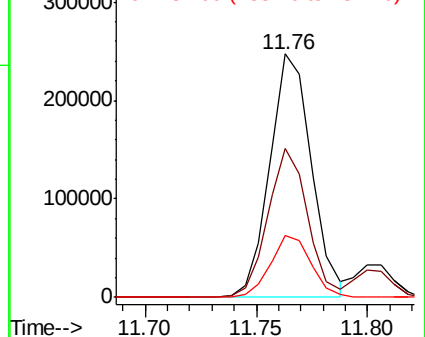
134 25.0 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.474 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014750.D

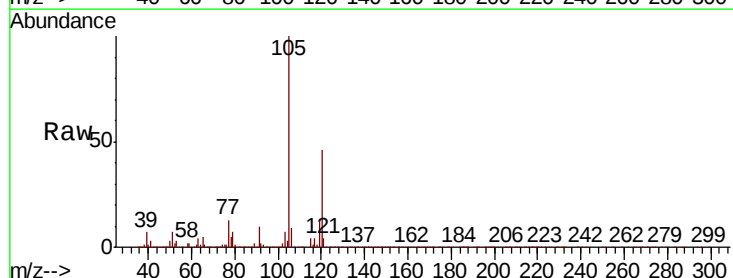
Acq: 28 Jan 2020 14:55

Tgt Ion:105 Resp: 349485

Ion Ratio Lower Upper

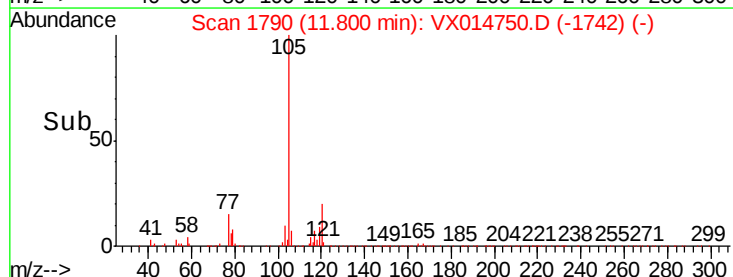
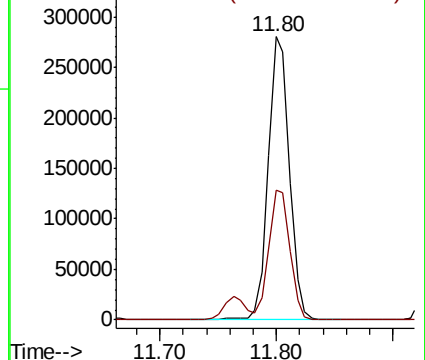
105 100

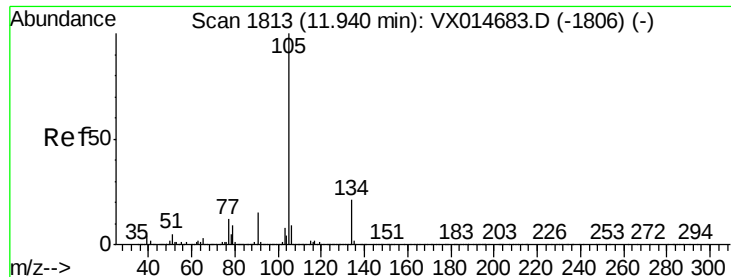
120 45.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.519 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

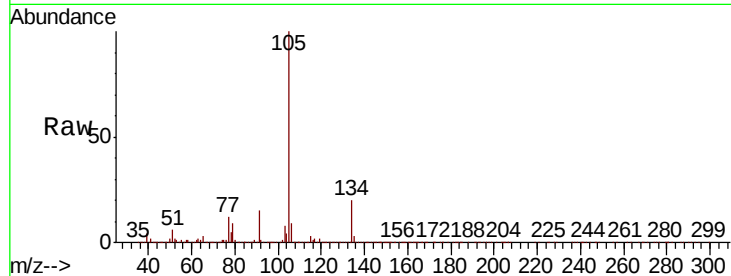
ClientSampleId :

Tot Ion:105 Resp: 402019

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

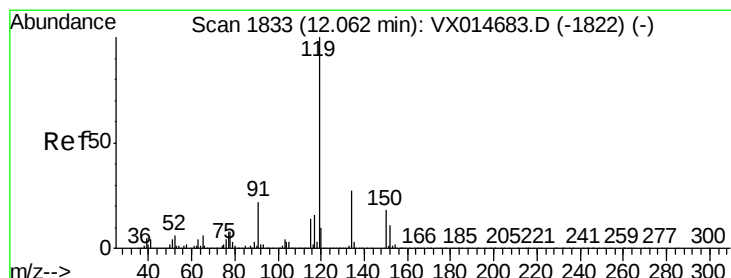
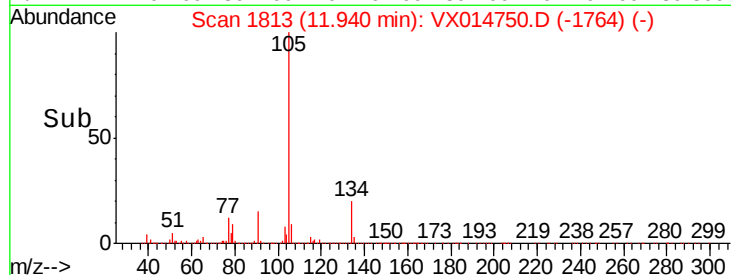
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.300 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

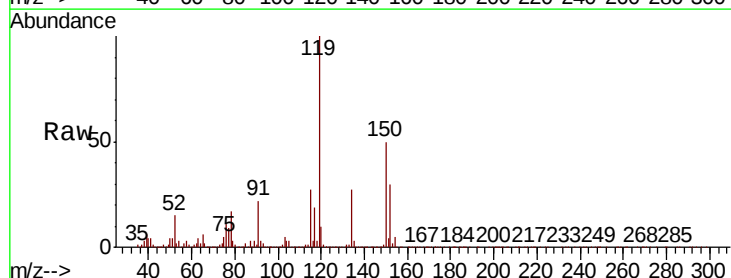
Tgt Ion:119 Resp: 367365

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

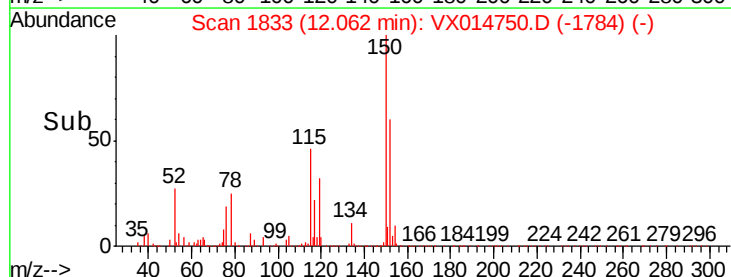
300000

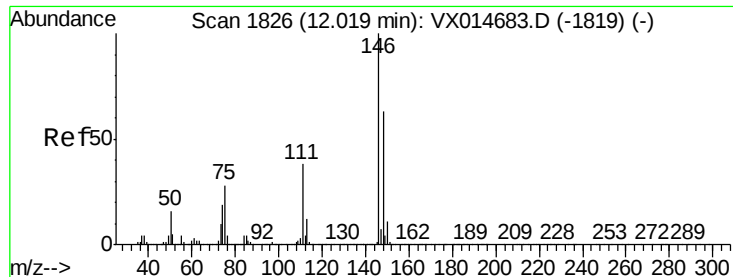
200000

100000

0

Time-->

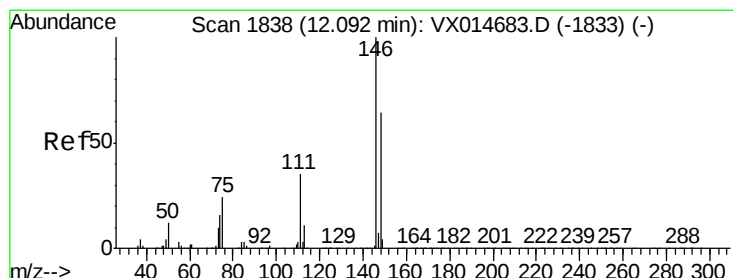
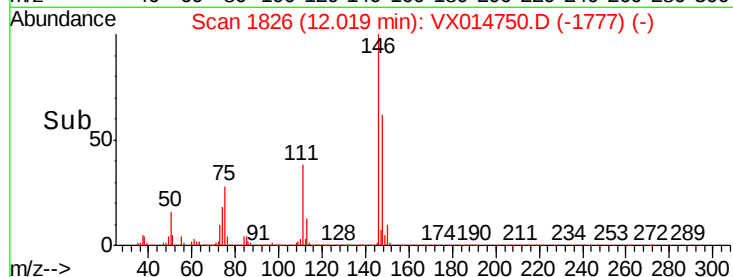
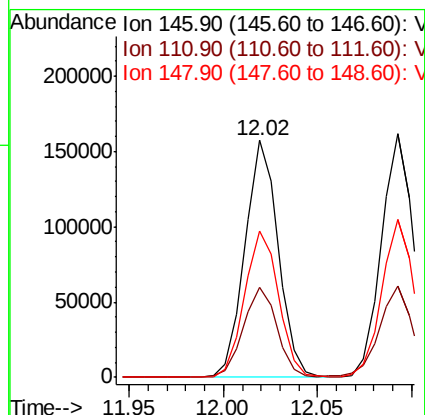
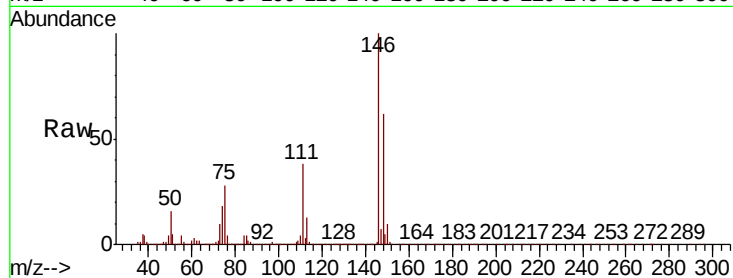




#87
 1,3-Dichlorobenzene
 Concen: 18.518 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

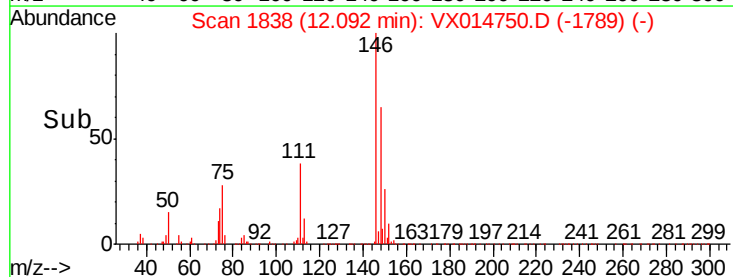
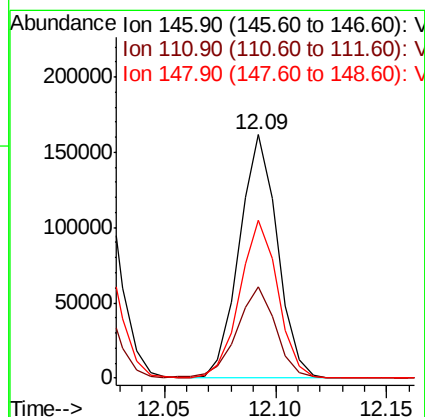
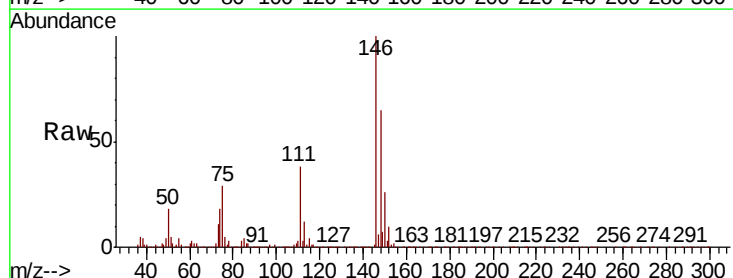
Instrument :
 MSVOA_X
 ClientSampled :

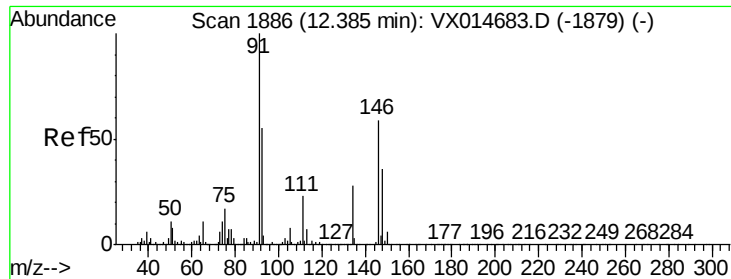
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.4	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.442 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.9	32.0	96.2





#89

n-Butylbenzene

Concen: 18.954 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

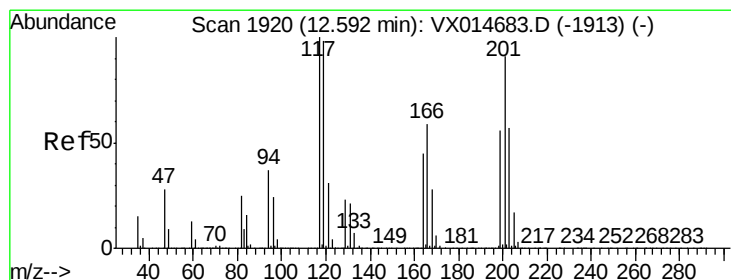
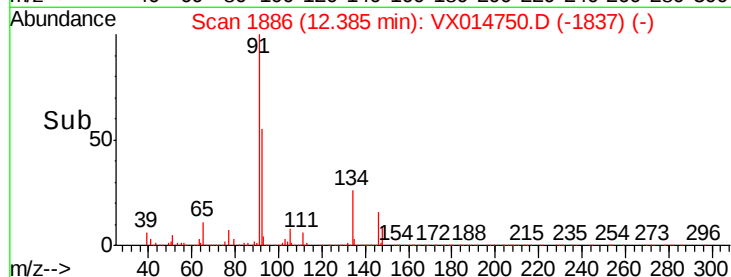
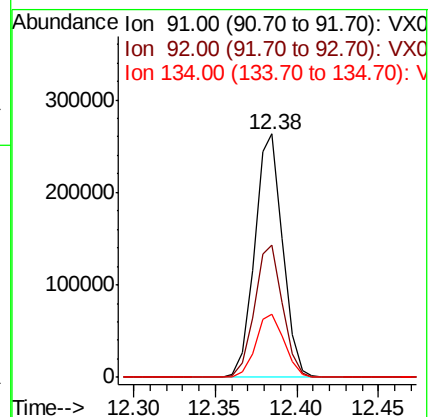
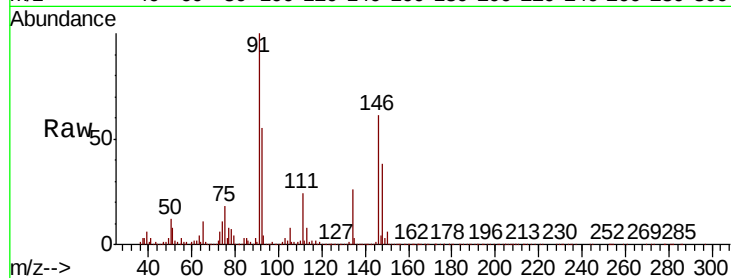
Tot Ion: 91 Resp: 314218

Ion Ratio Lower Upper

91 100

92 55.0 27.6 82.7

134 26.7 13.3 39.8



#90

Hexachloroethane

Concen: 17.875 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014750.D

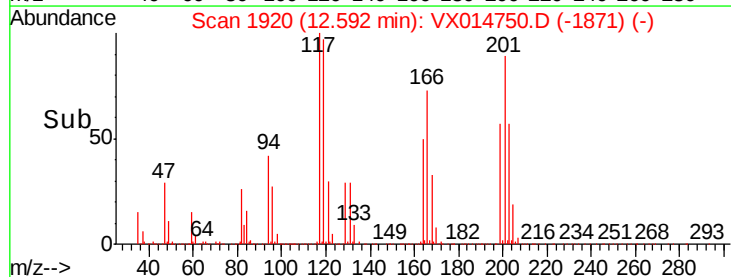
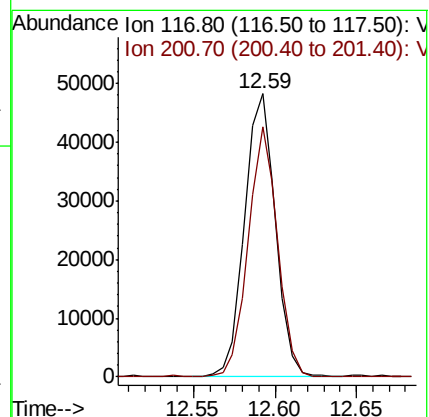
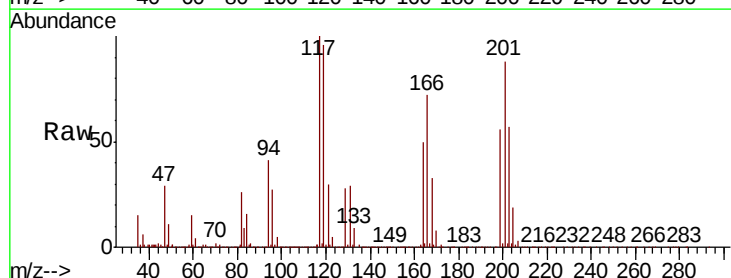
Acq: 28 Jan 2020 14:55

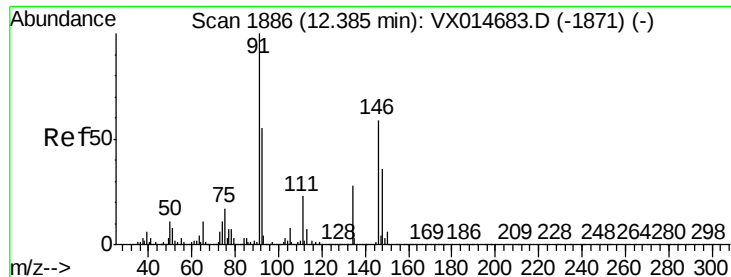
Tgt Ion: 117 Resp: 63198

Ion Ratio Lower Upper

117 100

201 84.2 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 18.918 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

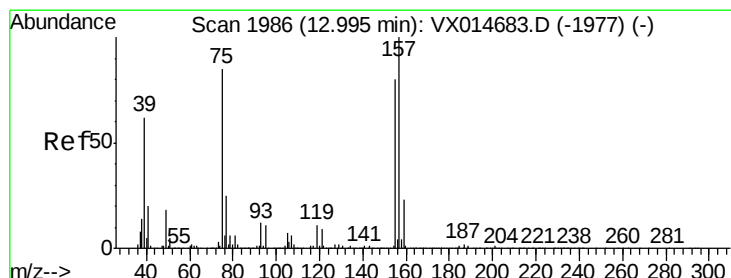
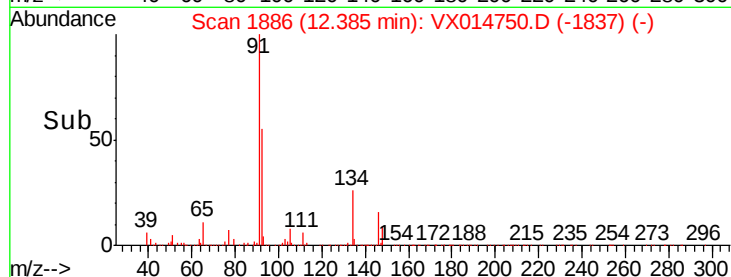
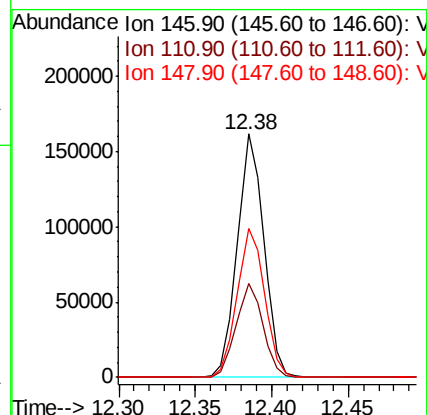
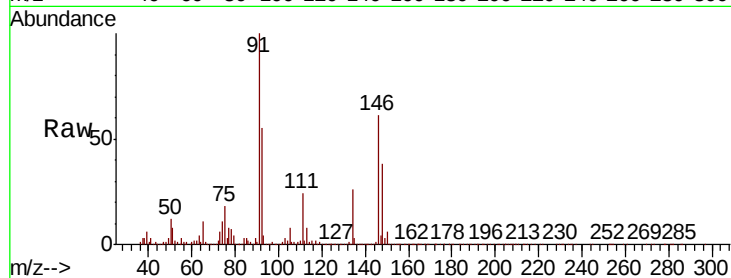
Tot Ion:146 Resp: 195558

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

148 62.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.292 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

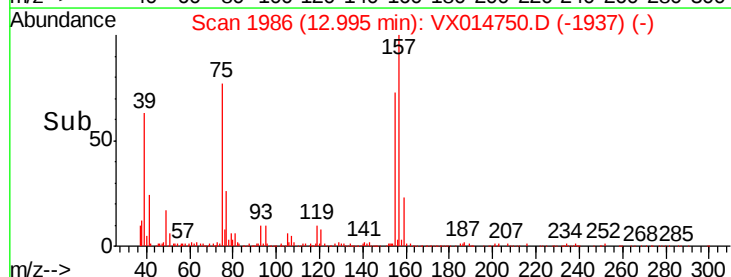
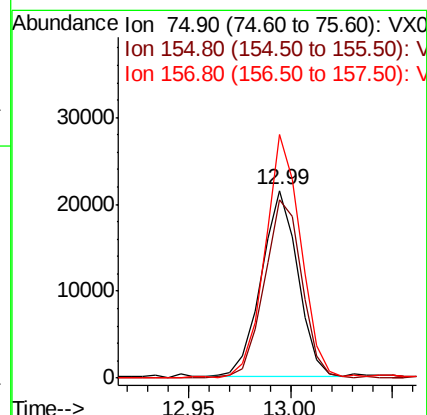
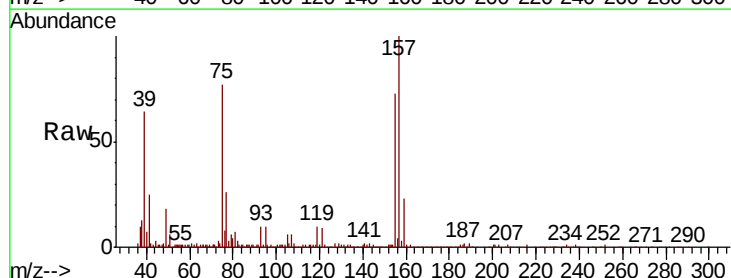
Tgt Ion: 75 Resp: 26943

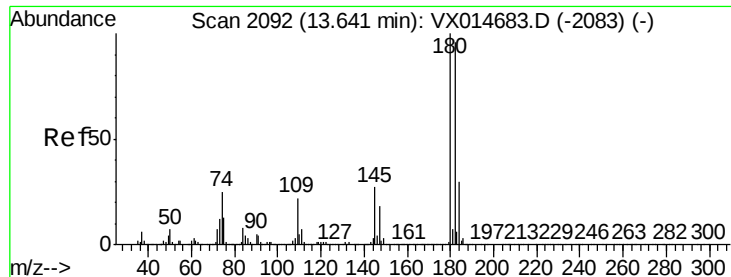
Ion Ratio Lower Upper

75 100

155 98.7 45.6 136.9

157 127.9 60.3 180.9

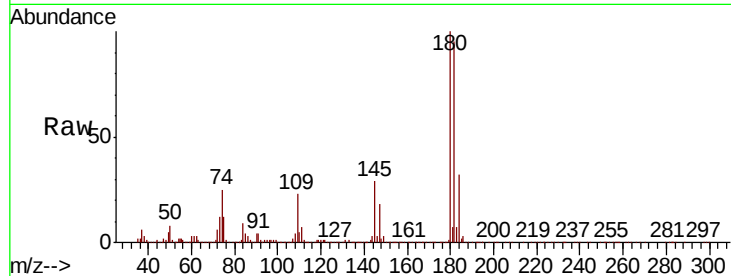




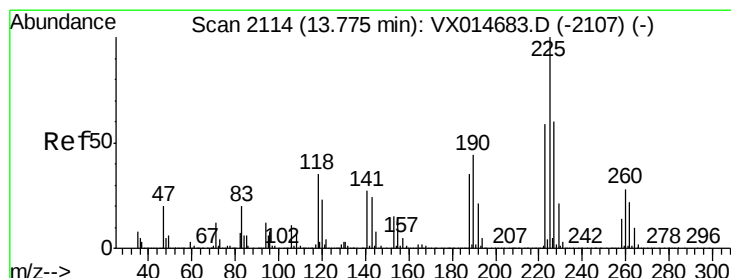
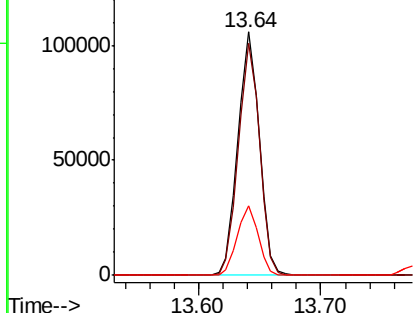
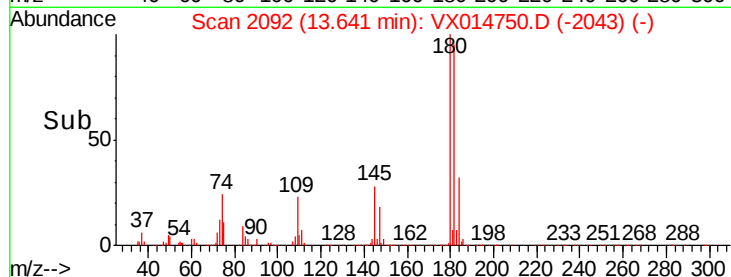
#93
 1,2,4-Trichlorobenzene
 Concen: 19.167 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.5	145.6
145	28.0	14.0	41.9

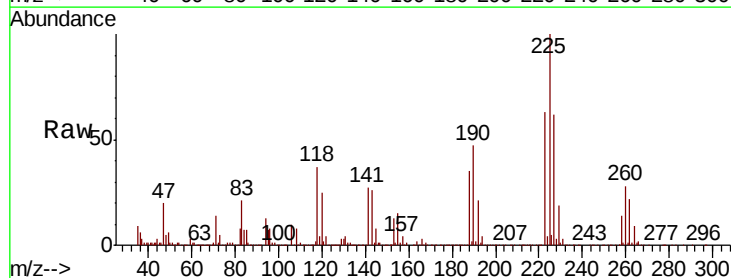


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

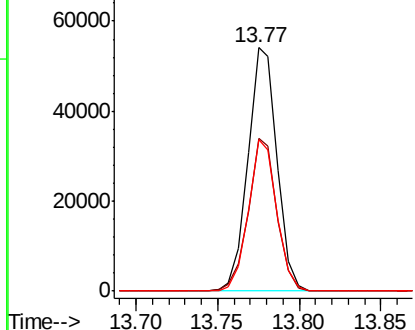
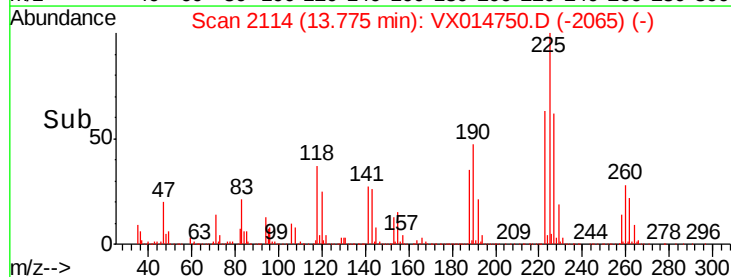


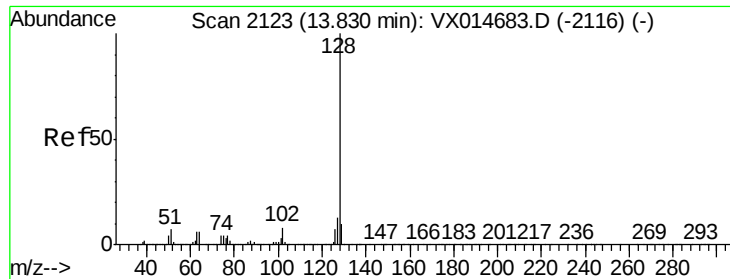
#94
 Hexachlorobutadiene
 Concen: 19.631 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.6	91.8
227	60.9	31.4	94.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

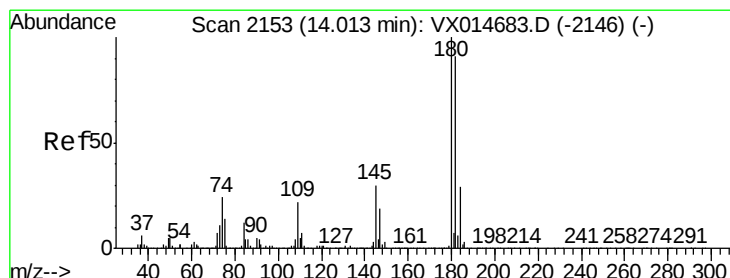
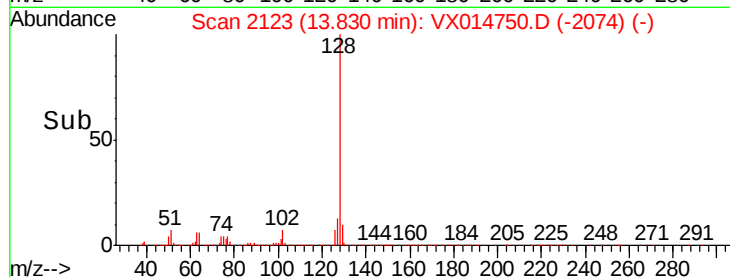
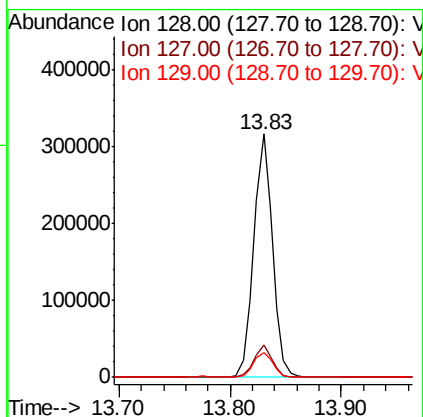
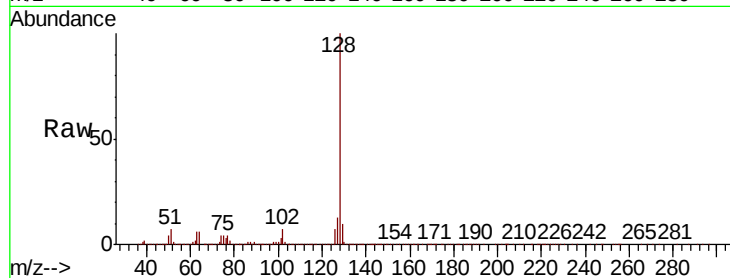




#95
Naphthalene
Concen: 17.874 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.212 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.6	139.7
145	30.1	14.7	44.1

