

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014458.D
 Acq On : 07 Jan 2020 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 01:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	810449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	391449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	284162	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.49	113	230555	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	912649	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.13	95	335778	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	323318	49.426	ug/l 98
3) Chloromethane	1.32	50	328866	48.963	ug/l 99
4) Vinyl Chloride	1.40	62	379732	50.737	ug/l 100
5) Bromomethane	1.63	94	209849	42.299	ug/l 98
6) Chloroethane	1.72	64	204192	50.069	ug/l 97
7) Trichlorofluoromethane	1.92	101	404022	47.588	ug/l 100
8) Diethyl Ether	2.18	74	179546	46.354	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	235462	45.586	ug/l 99
10) Methyl Iodide	2.50	142	274624	44.402	ug/l 99
11) Tert butyl alcohol	3.03	59	305774	248.964	ug/l 99
12) 1,1-Dichloroethene	2.37	96	242530	46.604	ug/l 98
13) Acrolein	2.28	56	233400	237.093	ug/l 98
14) Allyl chloride	2.72	41	429362	46.993	ug/l 99
15) Acrylonitrile	3.13	53	731643	246.821	ug/l 99
16) Acetone	2.43	43	735755	249.457	ug/l 100
17) Carbon Disulfide	2.56	76	669883	46.133	ug/l 99
18) Methyl Acetate	2.76	43	448511	53.051	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	815701	48.827	ug/l 99
20) Methylene Chloride	2.85	84	276837	46.783	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	262308	46.170	ug/l 98
22) Diisopropyl ether	3.84	45	859433	48.674	ug/l 97
23) Vinyl Acetate	3.80	43	2725139	199.347	ug/l 99
24) 1,1-Dichloroethane	3.69	63	469022	48.830	ug/l 100
25) 2-Butanone	4.65	43	1082418	246.349	ug/l 98
26) 2,2-Dichloropropane	4.58	77	357514	43.938	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	302800	47.676	ug/l 98
28) Bromochloromethane	5.01	49	182102	44.992	ug/l 99
29) Tetrahydrofuran	5.11	42	662664	255.086	ug/l 99
30) Chloroform	5.20	83	454047	48.375	ug/l 100
31) Cyclohexane	5.58	56	443198	49.295	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	391679	48.751	ug/l 99
36) 1,1-Dichloropropene	5.79	75	351258	46.088	ug/l 99
37) Ethyl Acetate	4.82	43	401571	48.507	ug/l 99
38) Carbon Tetrachloride	5.78	117	334415	47.681	ug/l 95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	444399	46.411	ug/l	99
40) Benzene	6.14	78	1077747	47.645	ug/l	100
41) Methacrylonitrile	5.03	41	223591	50.646	ug/l	98
42) 1,2-Dichloroethane	6.18	62	366611	46.353	ug/l	100
43) Isopropyl Acetate	6.43	43	659332	49.302	ug/l	99
44) Trichloroethene	7.21	130	315515	48.536	ug/l	99
45) 1,2-Dichloropropane	7.51	63	276324	47.914	ug/l	99
46) Dibromomethane	7.65	93	180216	44.772	ug/l	98
47) Bromodichloromethane	7.89	83	356842	48.720	ug/l	99
48) Methyl methacrylate	7.76	41	325424	50.807	ug/l	100
49) 1,4-Dioxane	7.73	88	132037	972.872	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2043695	250.779	ug/l	99
52) Toluene	8.78	92	683298	47.188	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	405743	47.583	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	445641	48.380	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	274821	47.251	ug/l	97
56) Ethyl methacrylate	9.17	69	446183	50.073	ug/l	99
57) 1,3-Dichloropropane	9.37	76	461172	47.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	776791	256.221	ug/l	99
59) 2-Hexanone	9.48	43	1596733	247.627	ug/l	99
60) Dibromochloromethane	9.57	129	289827	49.577	ug/l	100
61) 1,2-Dibromoethane	9.67	107	287224	46.619	ug/l	100
64) Tetrachloroethene	9.33	164	423927	57.759	ug/l	98
65) Chlorobenzene	10.14	112	739433	46.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	269650	47.544	ug/l	100
67) Ethyl Benzene	10.25	91	1294860	47.802	ug/l	97
68) m/p-Xylenes	10.35	106	992788	94.999	ug/l	99
69) o-Xylene	10.70	106	479162	48.055	ug/l	100
70) Styrene	10.71	104	841643	48.911	ug/l	100
71) Bromoform	10.85	173	228802	49.307	ug/l #	100
73) Isopropylbenzene	11.01	105	1271479	46.255	ug/l	99
74) N-amyl acetate	10.89	43	570534	47.045	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	388475	44.068	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	491283	60.658	ug/l	80
77) Bromobenzene	11.25	156	340099	44.615	ug/l	99
78) n-propylbenzene	11.35	91	1465028	46.537	ug/l	100
79) 2-Chlorotoluene	11.42	91	847858	45.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1064949	46.664	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	146261	47.744	ug/l	99
82) 4-Chlorotoluene	11.51	91	995969	45.223	ug/l	100
83) tert-Butylbenzene	11.76	119	918443	42.593	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1068160	46.320	ug/l	100
85) sec-Butylbenzene	11.94	105	1258257	46.939	ug/l	99
86) p-Isopropyltoluene	12.06	119	1148830	46.184	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	608922	44.509	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	606617	47.164	ug/l	99
89) n-Butylbenzene	12.39	91	1027660	45.184	ug/l	100
90) Hexachloroethane	12.59	117	199211	45.592	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	596039	44.468	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93233	47.018	ug/l	100

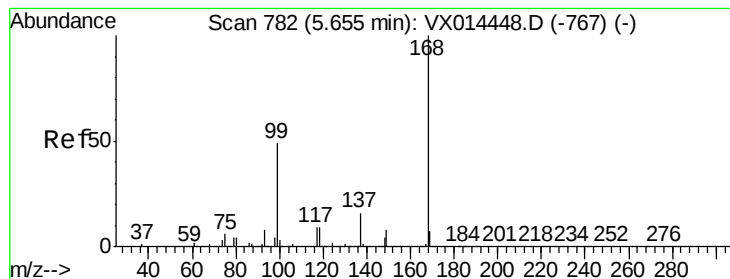
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	442792	47.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	198549	45.070	ug/l	99
95) Naphthalene	13.83	128	1325849	45.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	431609	46.731	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

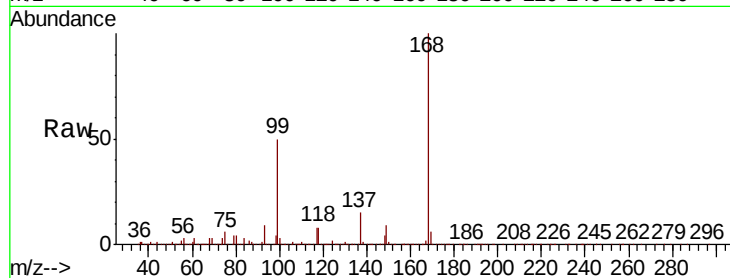
ClientSampleId :

Tot Ion:168 Resp: 526916

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

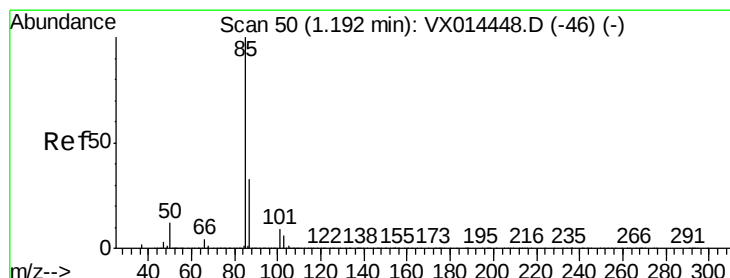
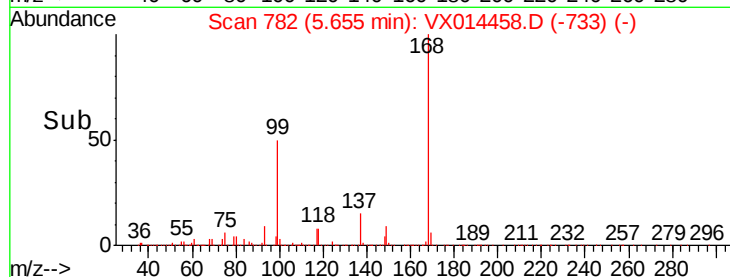
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.426 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014458.D

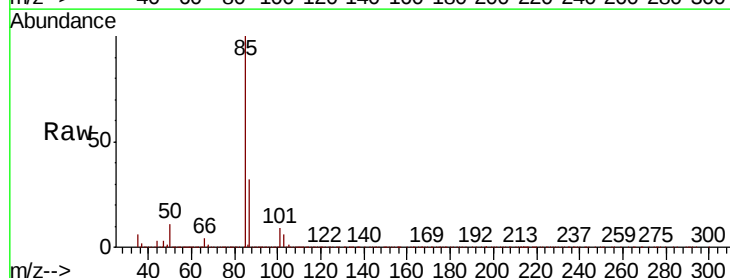
Acq: 07 Jan 2020 20:50

Tgt Ion: 85 Resp: 323318

Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

300000

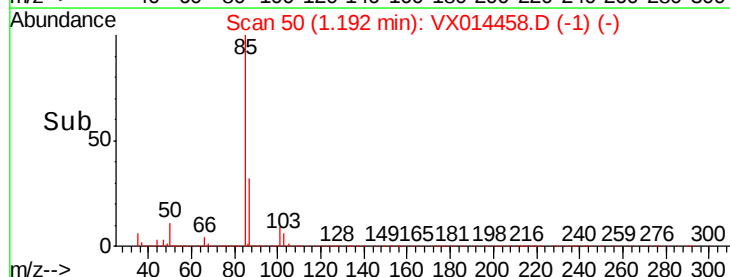
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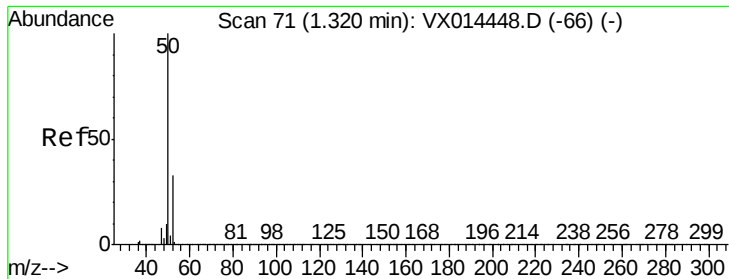
100000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.963 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

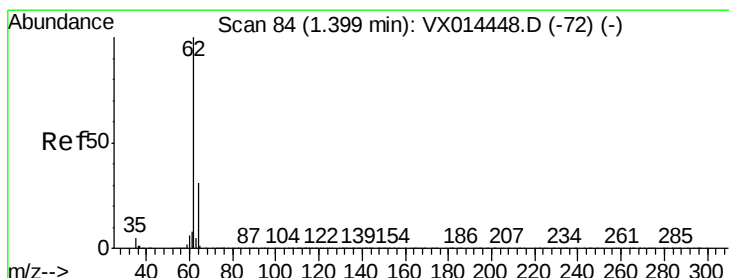
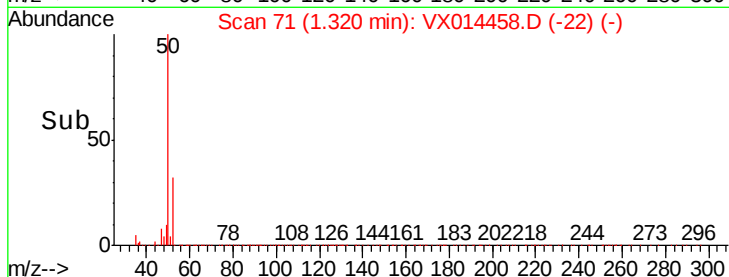
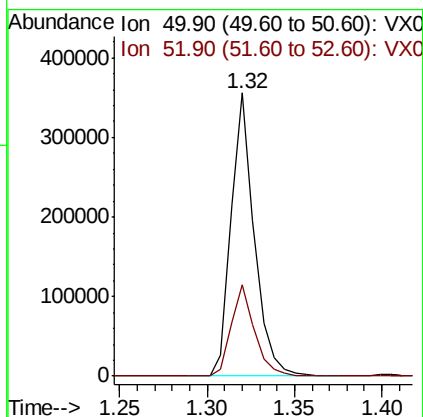
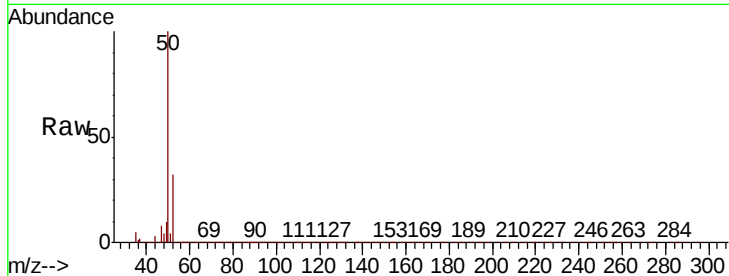
ClientSampleId :

Tot Ion: 50 Resp: 328866

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: 50.737 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014458.D

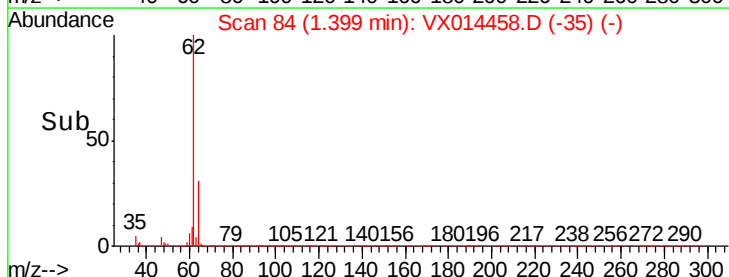
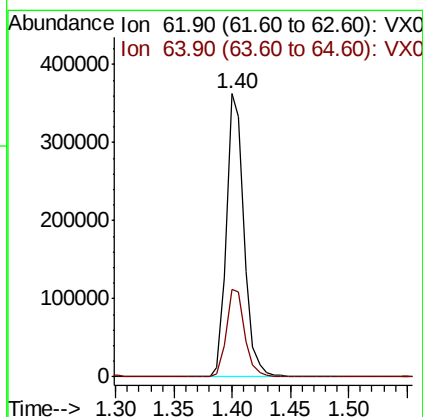
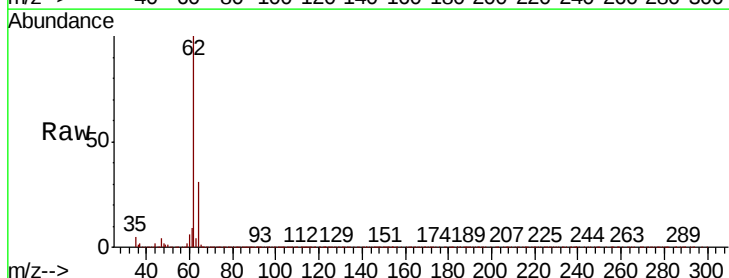
Acq: 07 Jan 2020 20:50

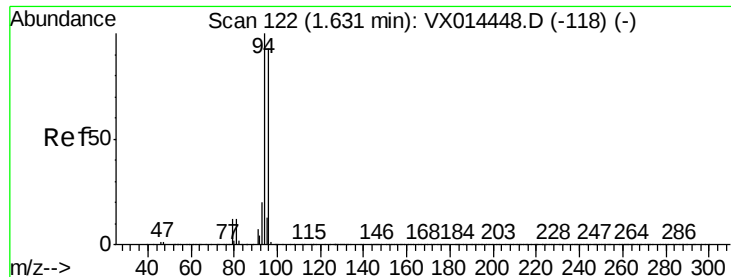
Tgt Ion: 62 Resp: 379732

Ion Ratio Lower Upper

62 100

64 30.9 24.6 37.0





#5

Bromomethane

Concen: 42.299 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

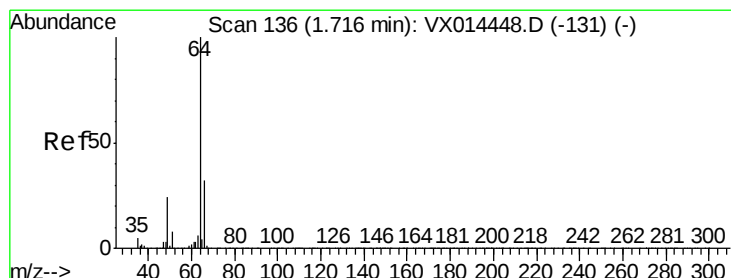
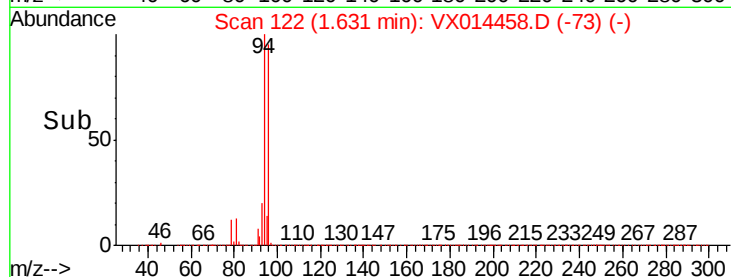
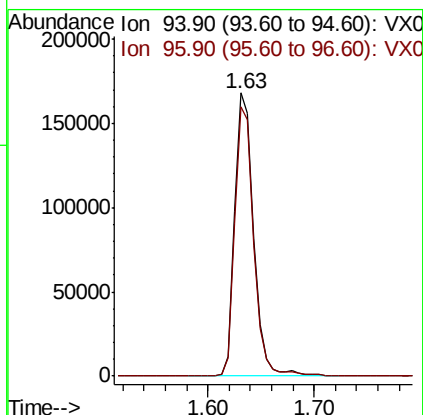
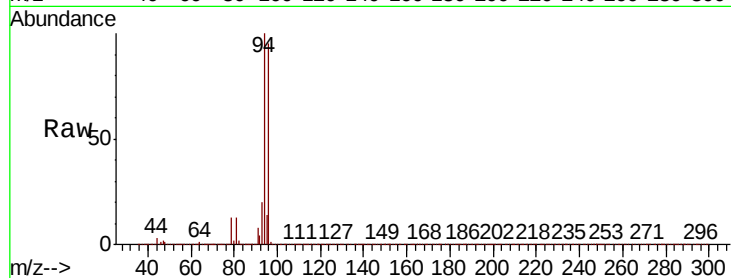
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 209849

Ion Ratio Lower Upper

94 100

96 94.9 74.2 111.2



#6

Chloroethane

Concen: 50.069 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014458.D

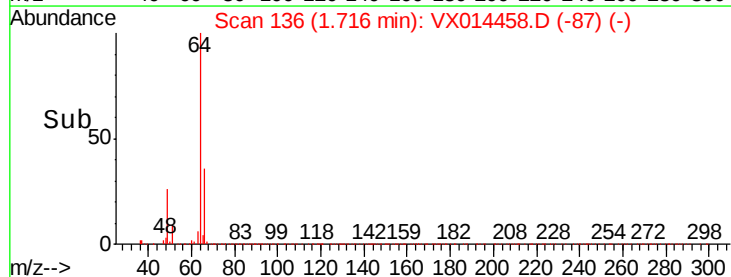
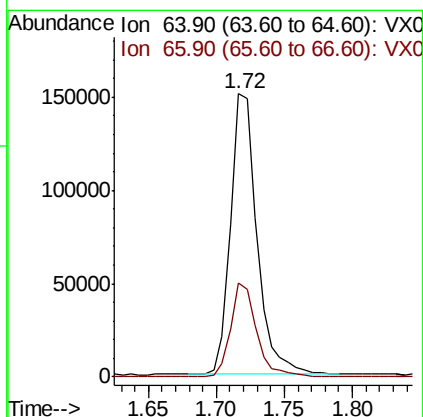
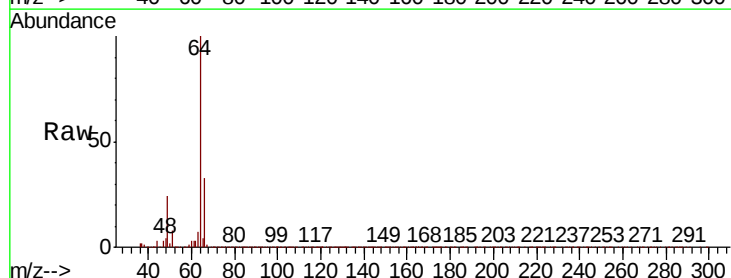
Acq: 07 Jan 2020 20:50

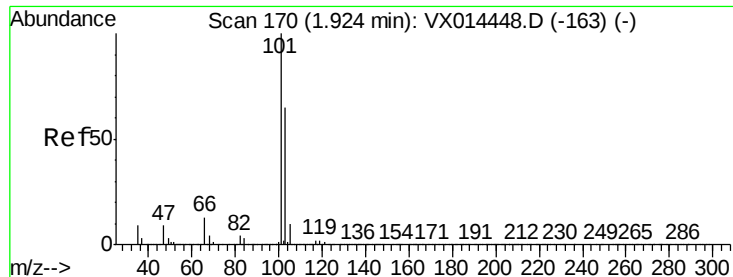
Tgt Ion: 64 Resp: 204192

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9



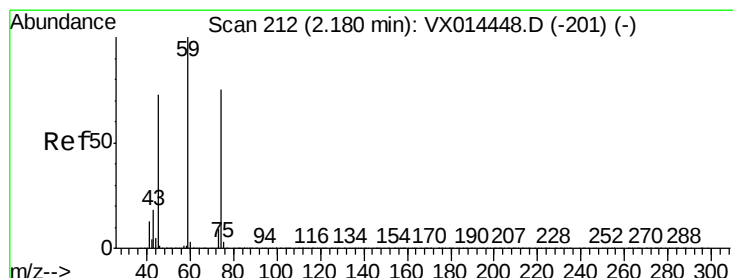
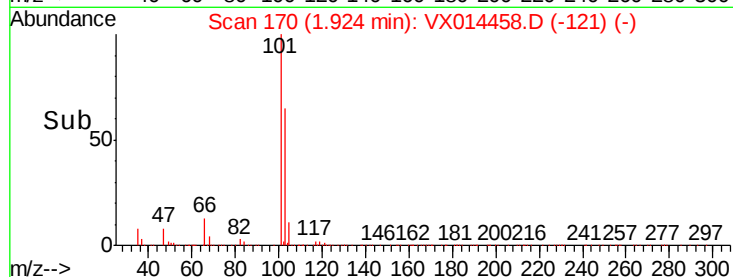
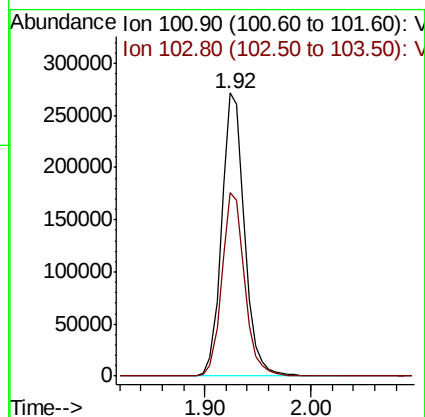
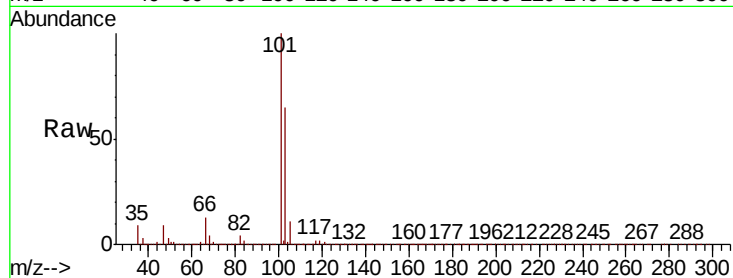


#7

Trichlorofluoromethane
Concen: 47.588 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :

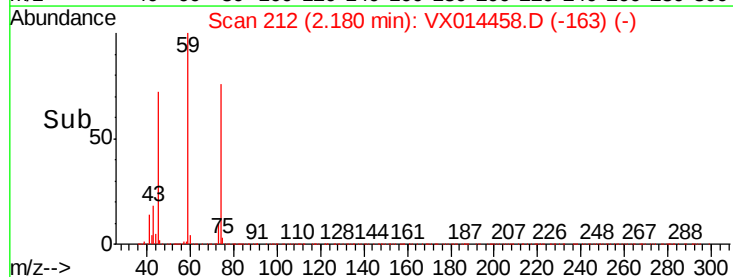
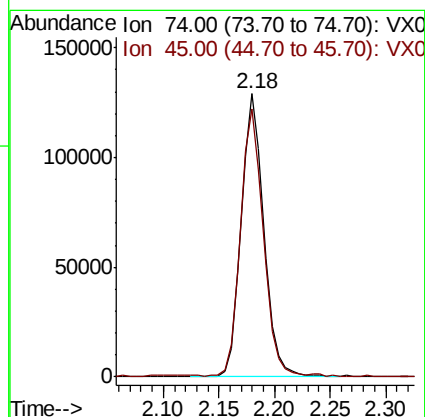
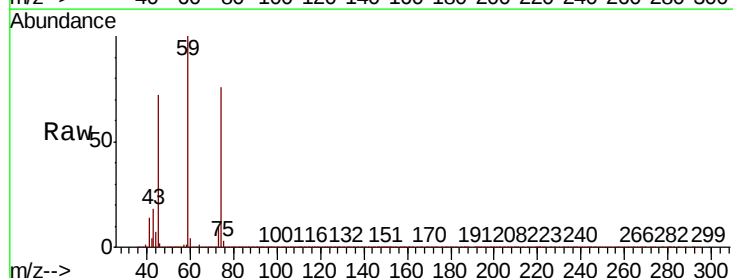
Tot Ion:101 Resp: 404022
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

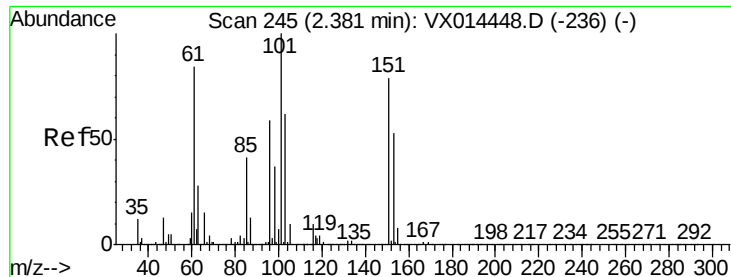


#8

Diethyl Ether
Concen: 46.354 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 74 Resp: 179546
Ion Ratio Lower Upper
74 100
45 96.3 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.586 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

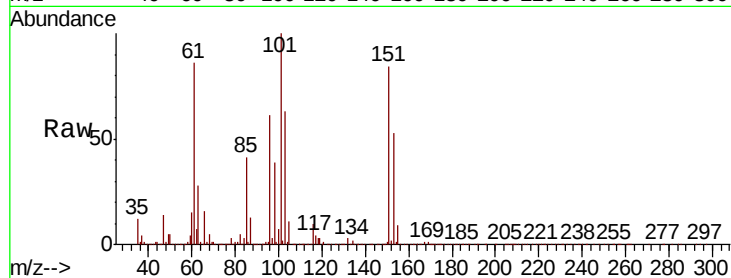
Tot Ion:101 Resp: 235462

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.8

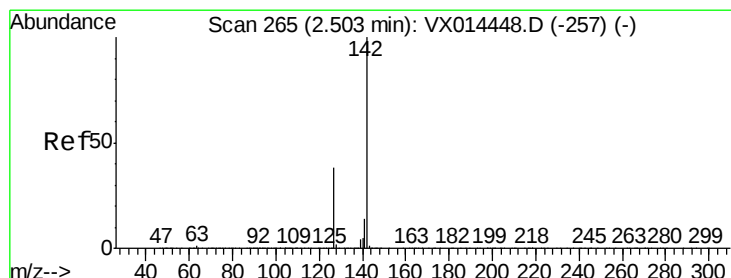
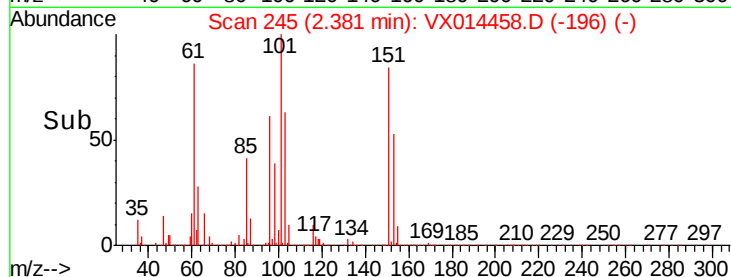
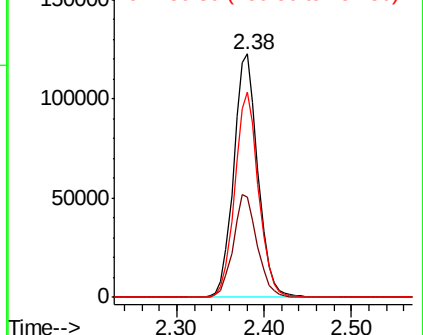
151 83.3 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.402 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

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Acq: 07 Jan 2020 20:50

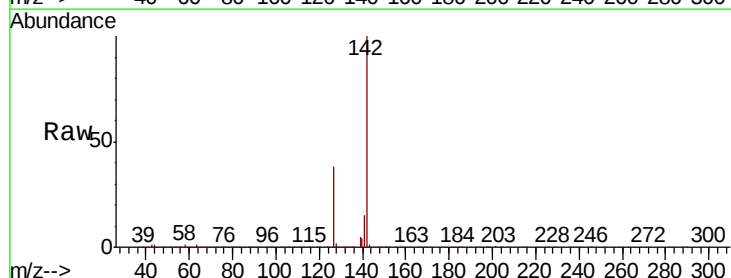
Tgt Ion:142 Resp: 274624

Ion Ratio Lower Upper

142 100

127 38.1 31.2 46.8

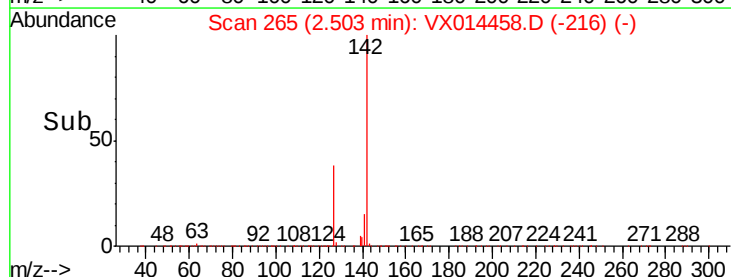
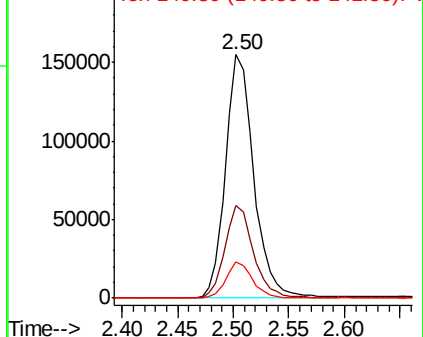
141 14.3 11.4 17.2

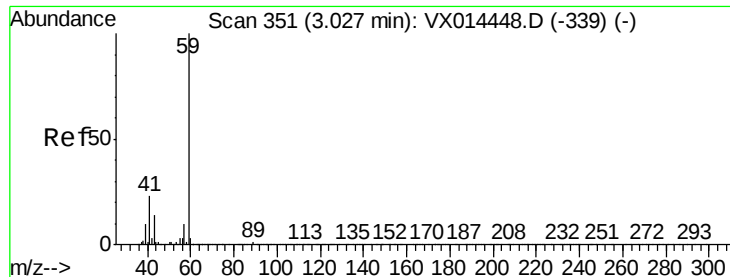


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



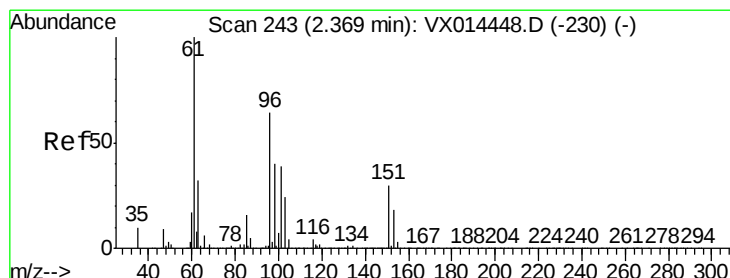
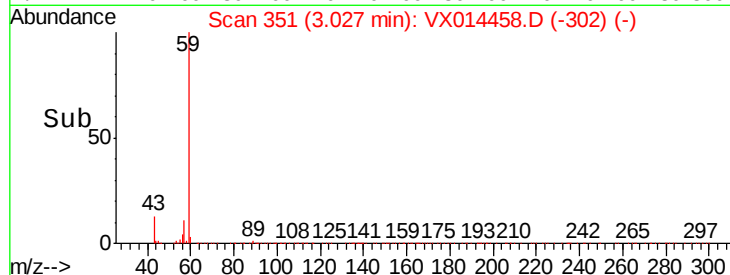
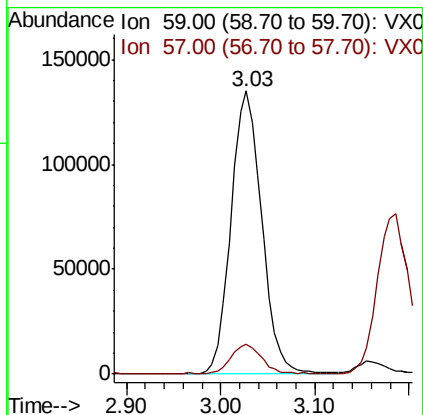
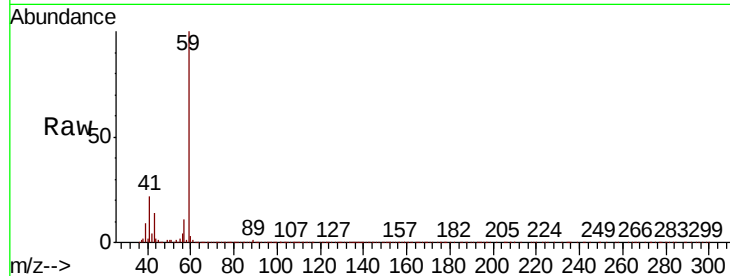


#11

Tert butyl alcohol
Concen: 248.964 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :

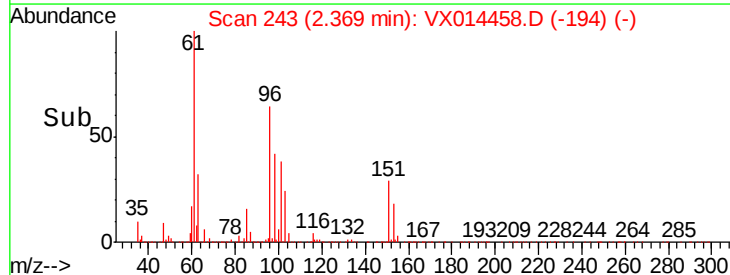
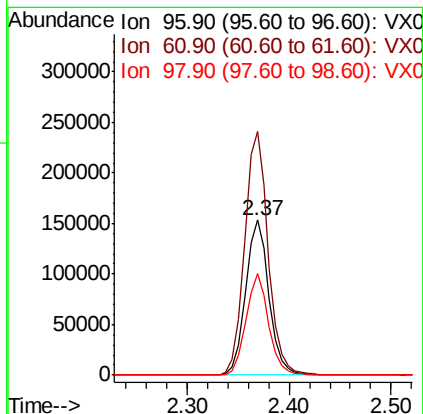
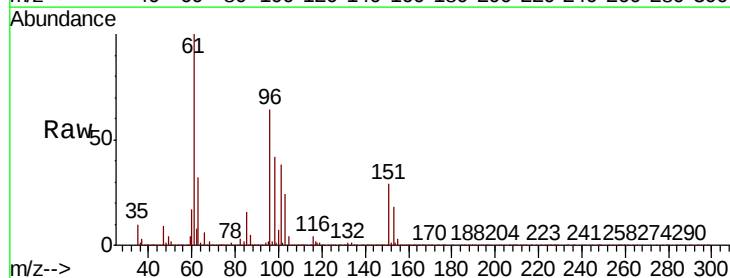
Tot Ion: 59 Resp: 305774
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

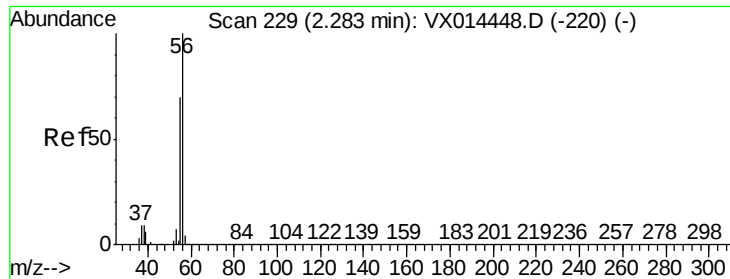


#12

1,1-Dichloroethene
Concen: 46.604 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 96 Resp: 242530
Ion Ratio Lower Upper
96 100
61 157.2 125.0 187.6
98 65.5 50.2 75.2

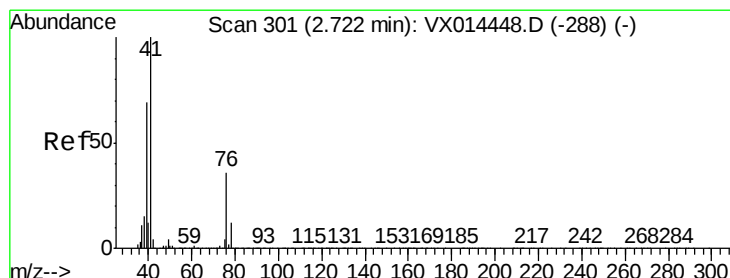
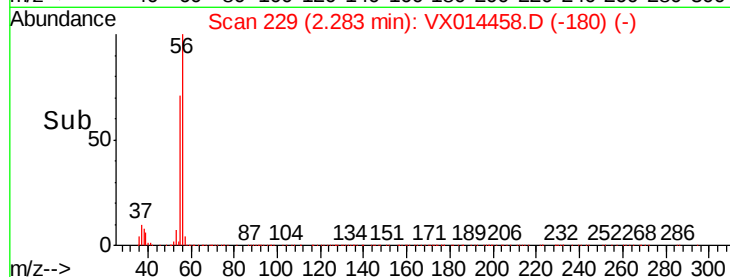
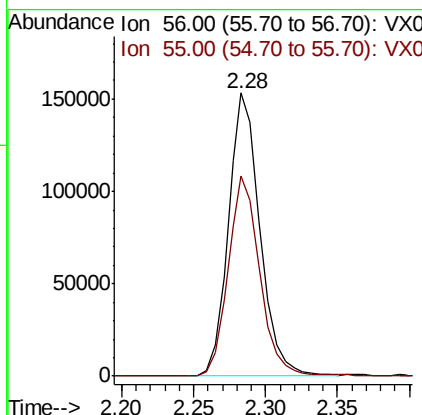
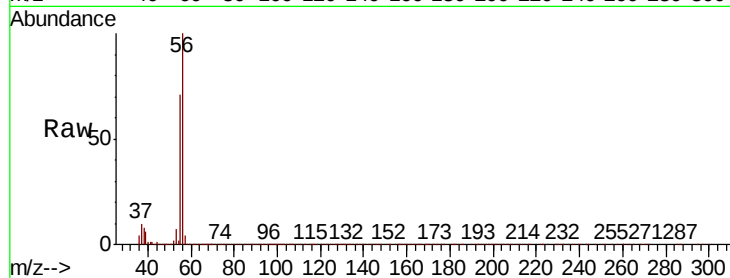




#13
Acrolein
Concen: 237.093 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

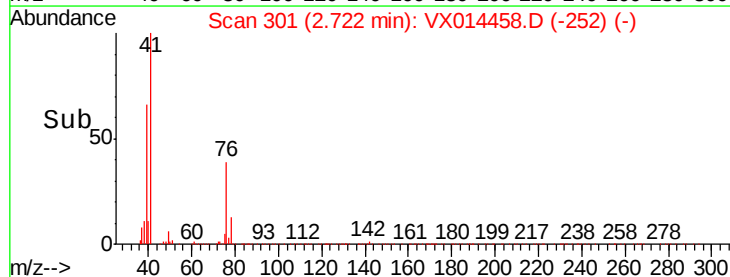
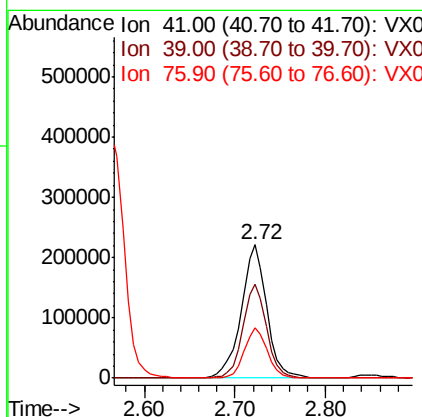
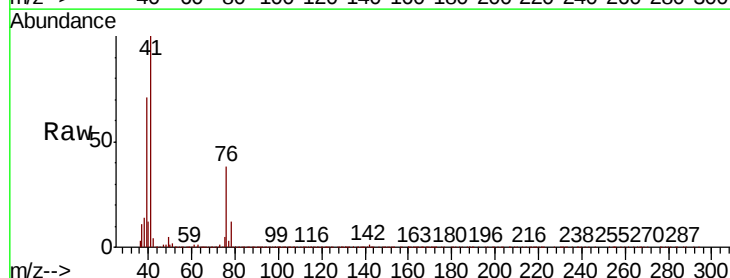
Instrument :
MSVOA_X
ClientSampleId :

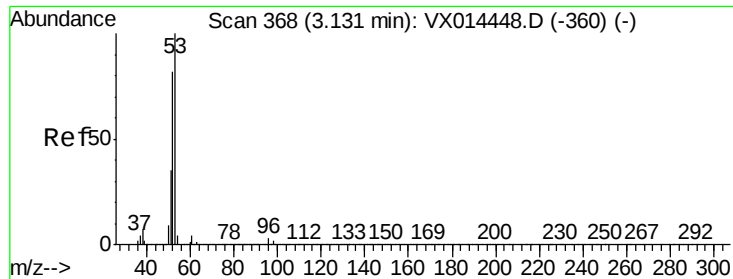
Tot Ion: 56 Resp: 233400
Ion Ratio Lower Upper
56 100
55 70.4 55.0 82.6



#14
Allyl chloride
Concen: 46.993 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 41 Resp: 429362
Ion Ratio Lower Upper
41 100
39 65.4 51.7 77.5
76 33.8 26.8 40.2





#15

Acrylonitrile

Concen: 246.821 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

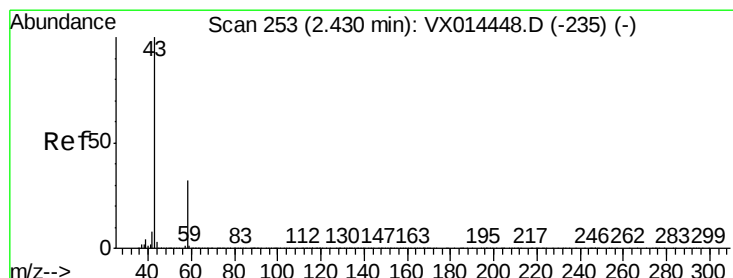
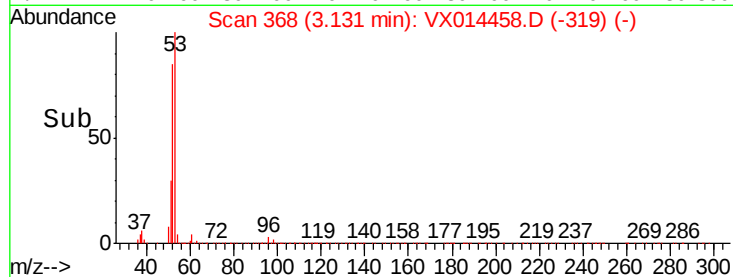
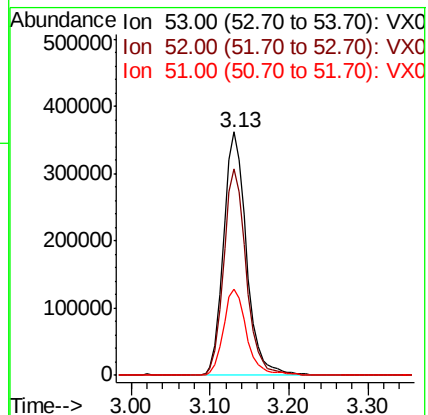
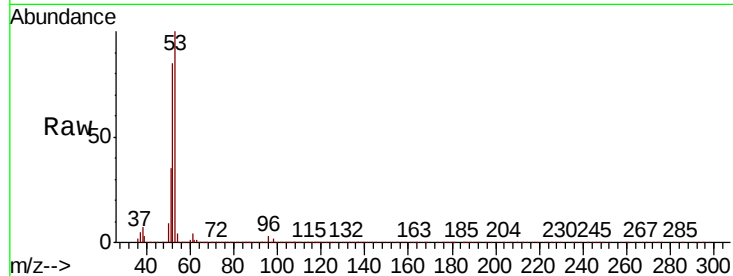
Tot Ion: 53 Resp: 731643

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

51 35.4 28.5 42.7



#16

Acetone

Concen: 249.457 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014458.D

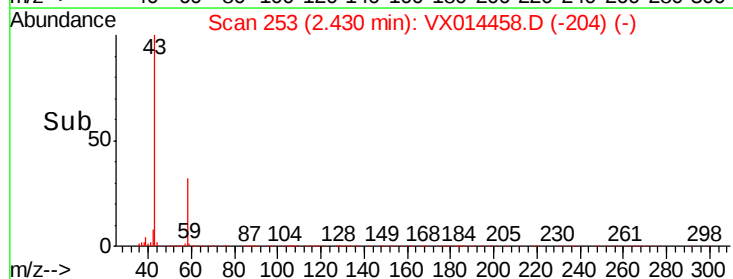
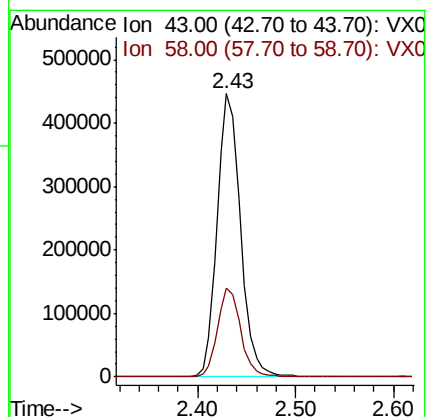
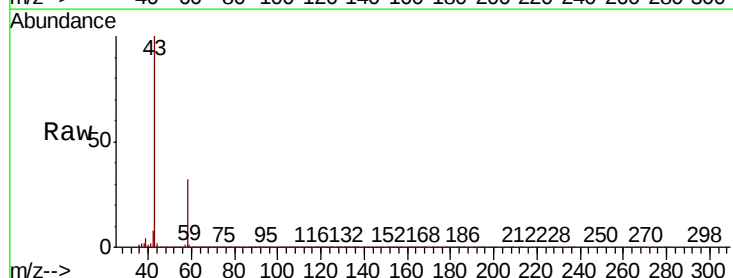
Acq: 07 Jan 2020 20:50

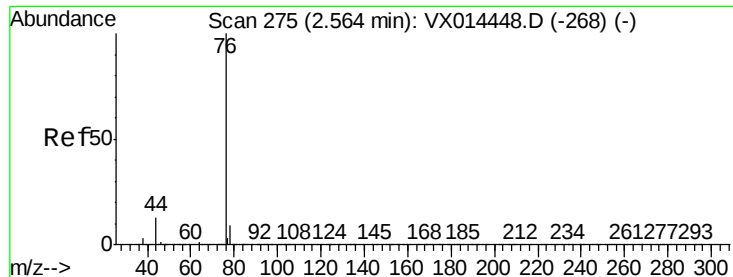
Tgt Ion: 43 Resp: 735755

Ion Ratio Lower Upper

43 100

58 31.5 25.4 38.0

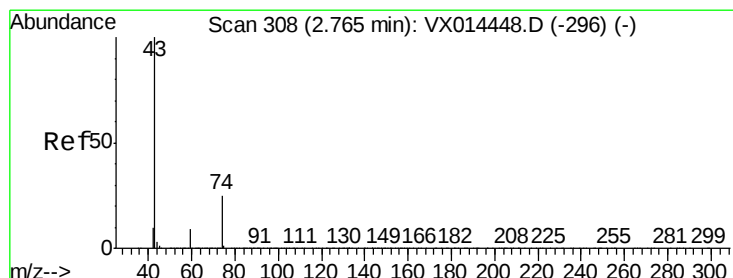
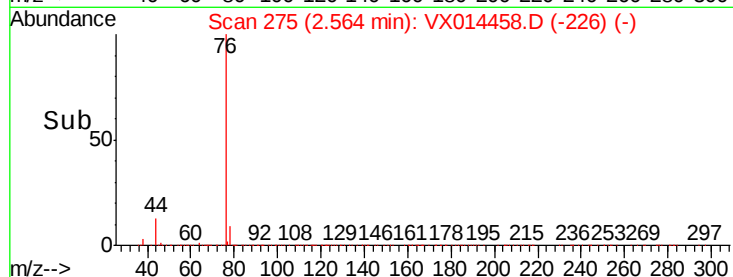
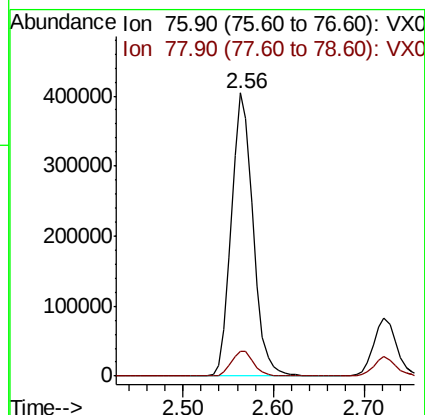
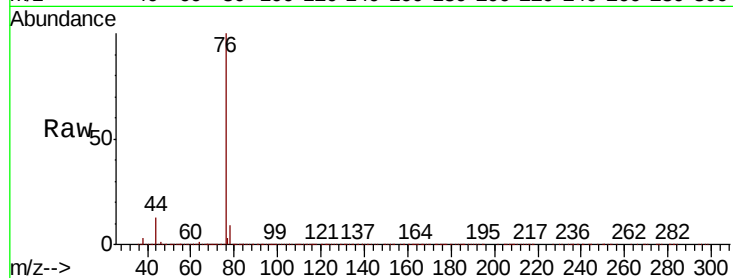




#17
Carbon Disulfide
Concen: 46.133 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

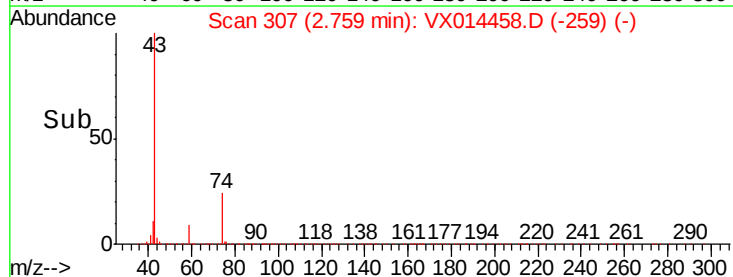
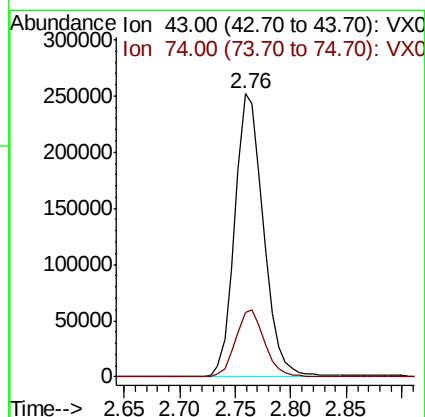
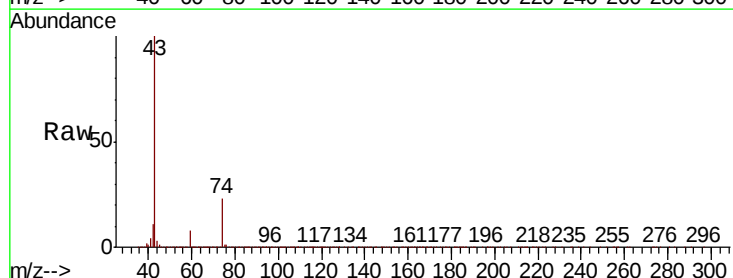
Instrument :
MSVOA_X
ClientSampleId :

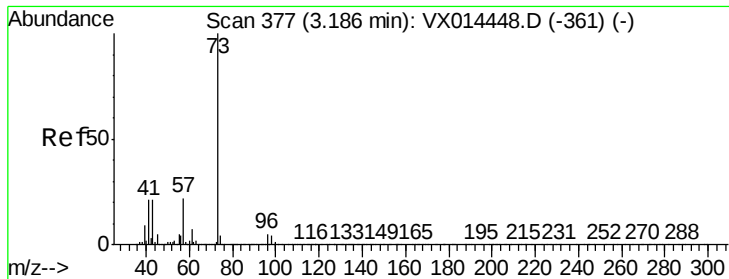
Tot Ion: 76 Resp: 669883
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 53.051 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 43 Resp: 448511
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2

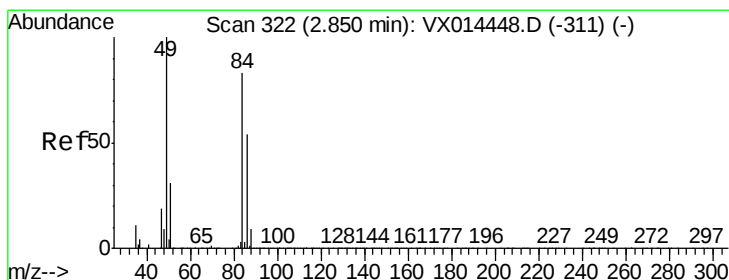
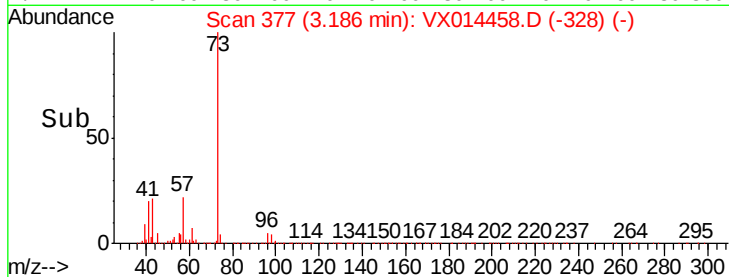
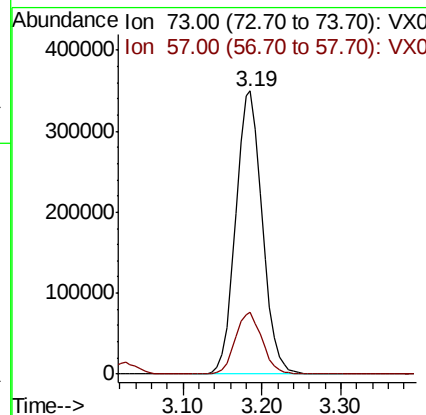
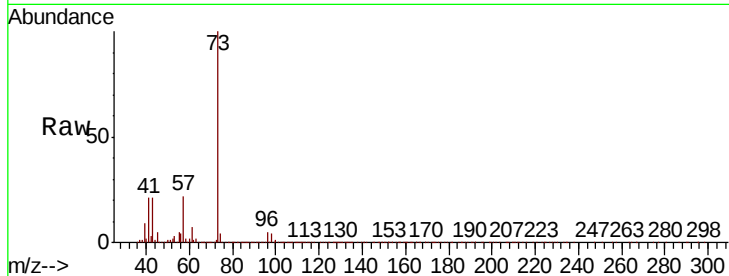




#19
Methvl tert-butvl Ether
Concen: 48.827 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

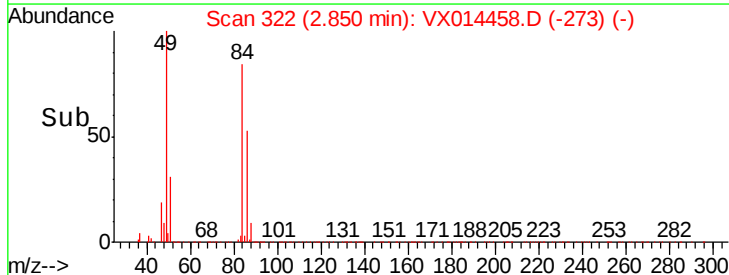
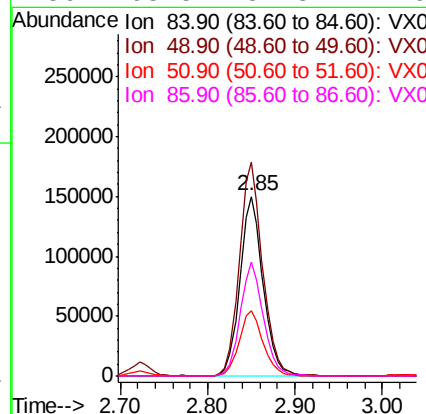
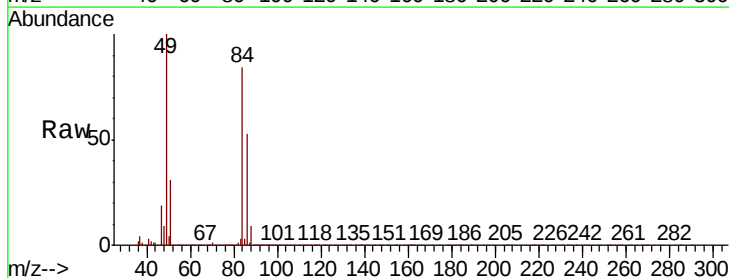
Instrument :
MSVOA_X
ClientSampleId :

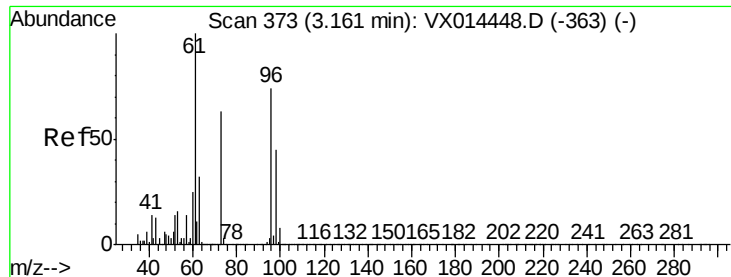
Tot Ion: 73 Resp: 815701
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 46.783 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 84 Resp: 276837
Ion Ratio Lower Upper
84 100
49 118.9 95.8 143.8
51 36.3 30.2 45.4
86 63.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.170 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

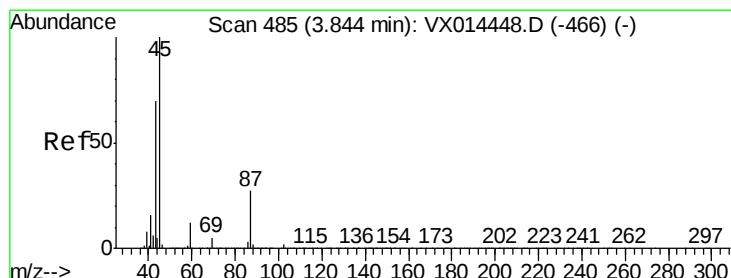
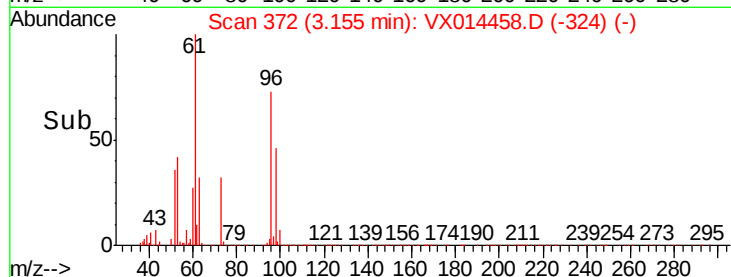
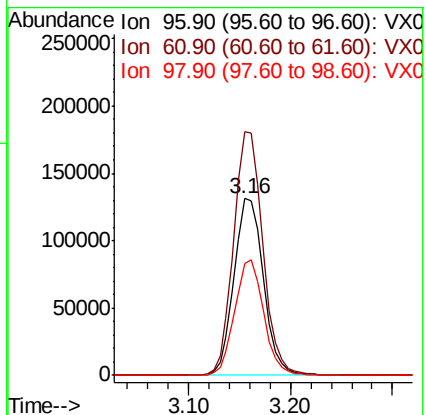
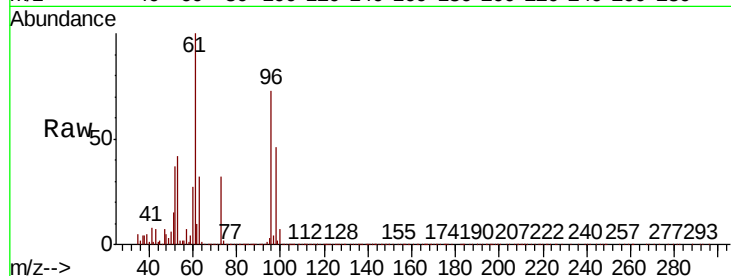
Tot Ion: 96 Resp: 262308

Ion Ratio Lower Upper

96 100

61 137.6 108.2 162.4

98 62.8 48.8 73.2



#22

Diisopropyl ether

Concen: 48.674 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion: 45 Resp: 859433

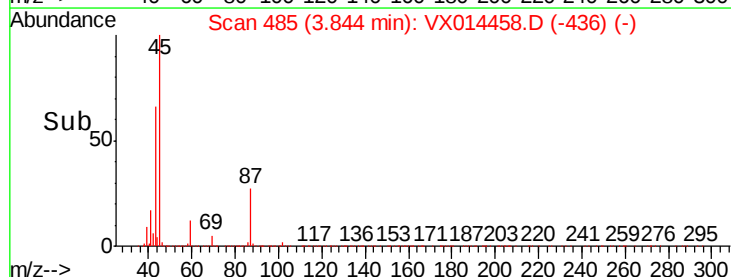
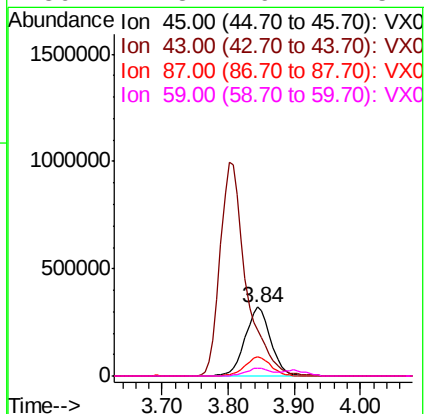
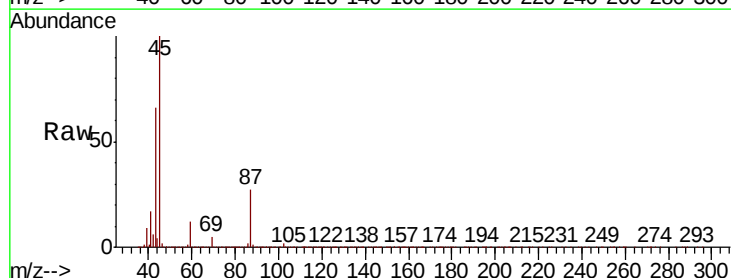
Ion Ratio Lower Upper

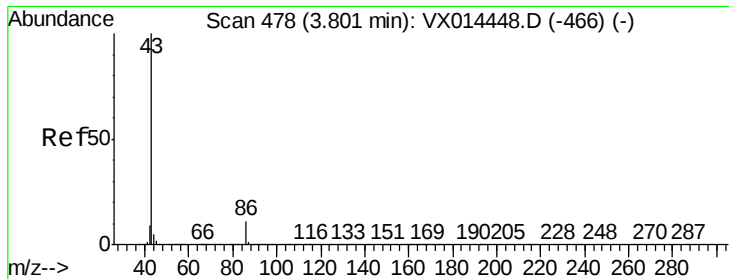
45 100

43 66.1 55.8 83.6

87 27.3 21.8 32.8

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 199.347 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

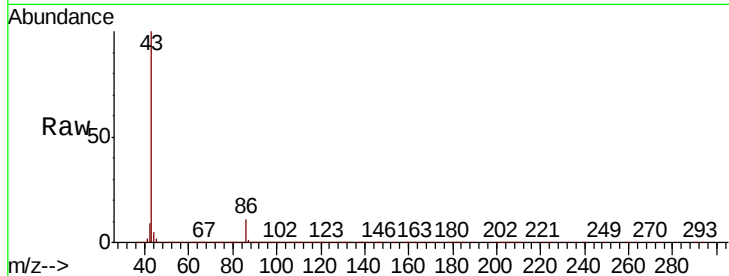
ClientSampled :

Tot Ion: 43 Resp: 2725139

Ion Ratio Lower Upper

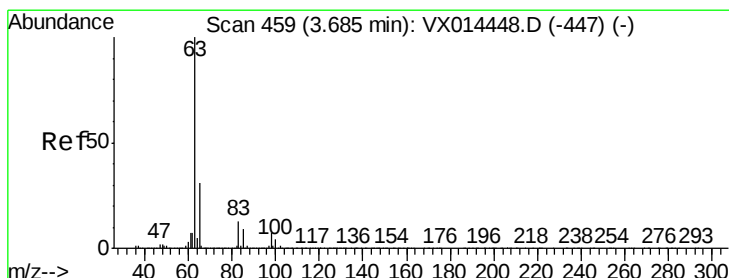
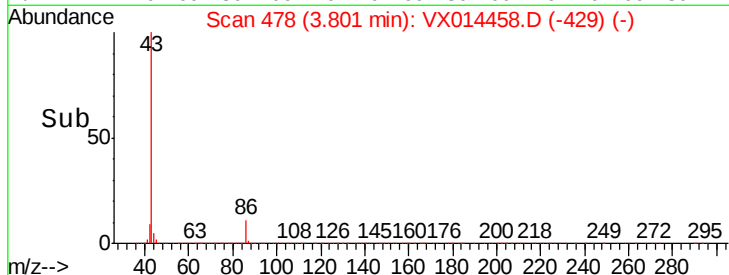
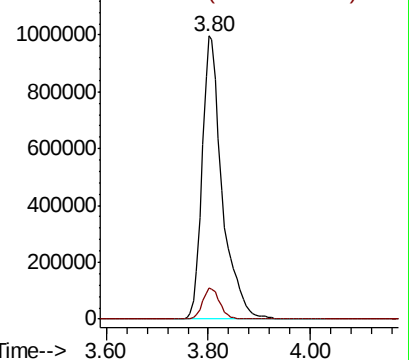
43 100

86 10.9 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.830 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

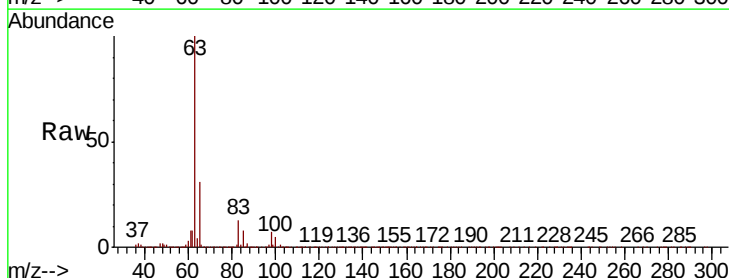
Tgt Ion: 63 Resp: 469022

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

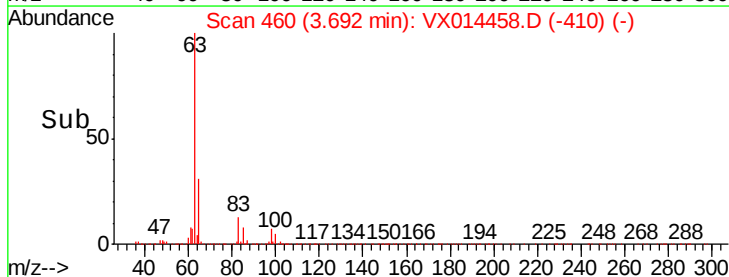
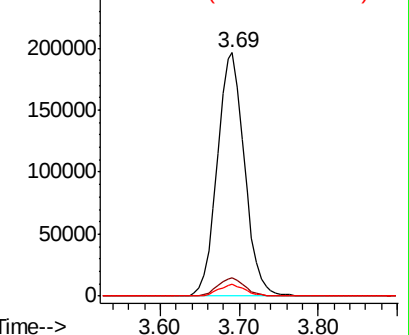
100 4.6 2.3 6.8

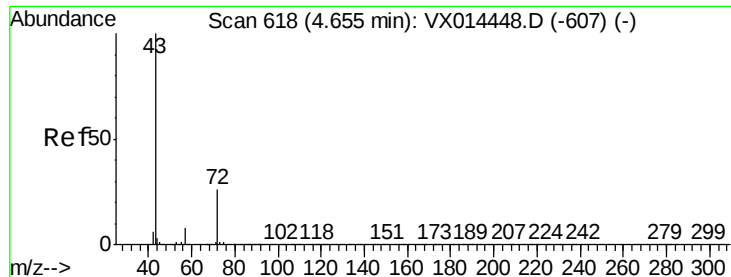


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.349 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

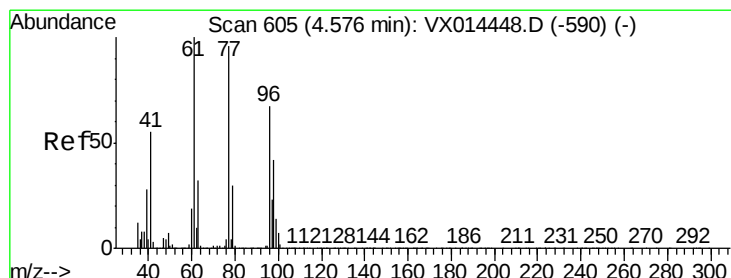
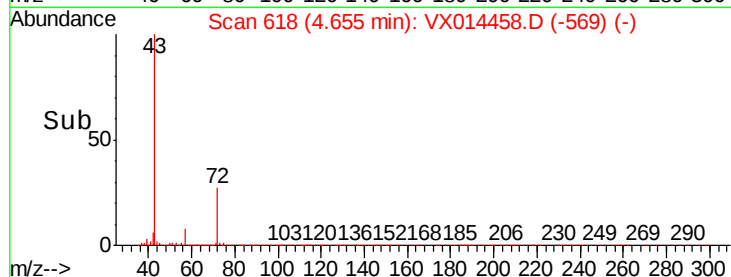
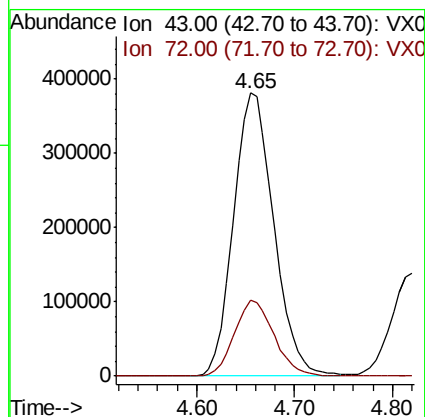
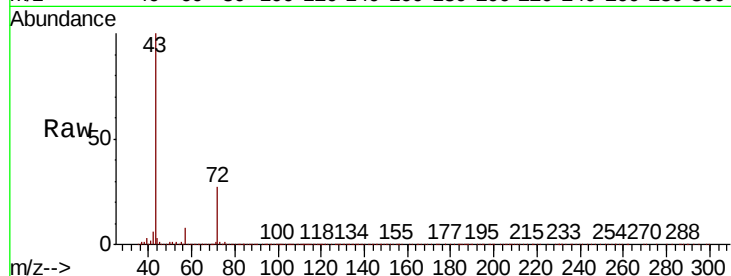
ClientSampleId :

Tot Ion: 43 Resp: 1082418

Ion Ratio Lower Upper

43 100

72 26.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 43.938 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014458.D

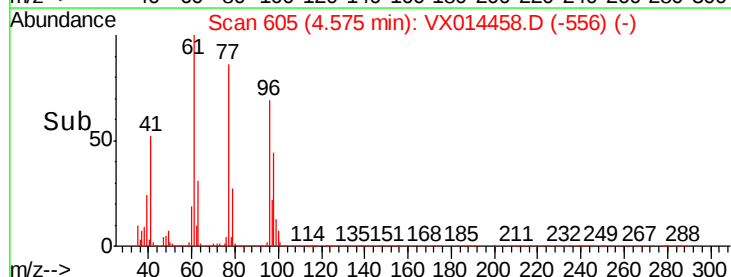
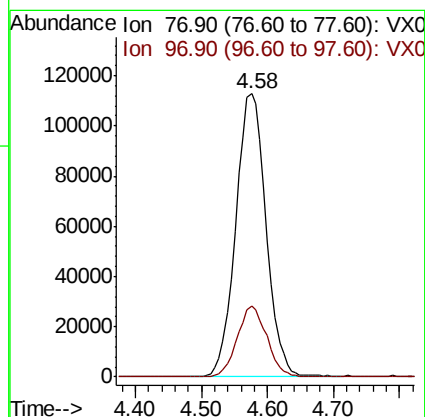
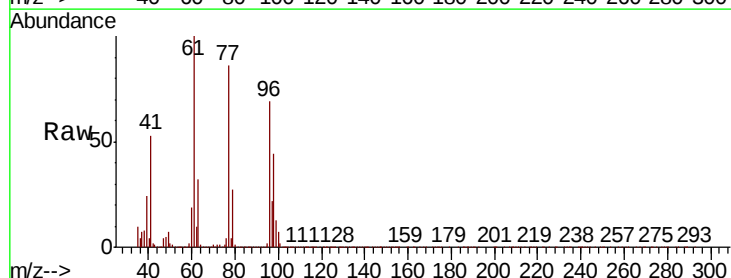
Acq: 07 Jan 2020 20:50

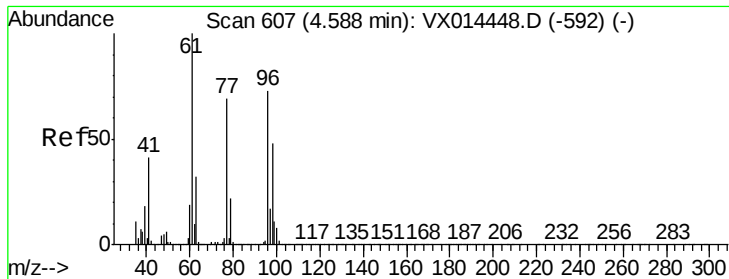
Tgt Ion: 77 Resp: 357514

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



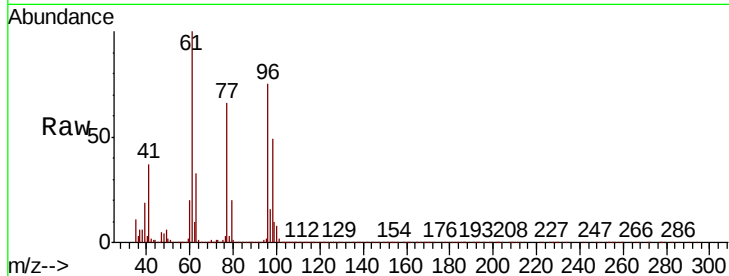


#27

cis-1,2-Dichloroethene
Concen: 47.676 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	302800
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	285.4
98	63.9	0.0	130.6

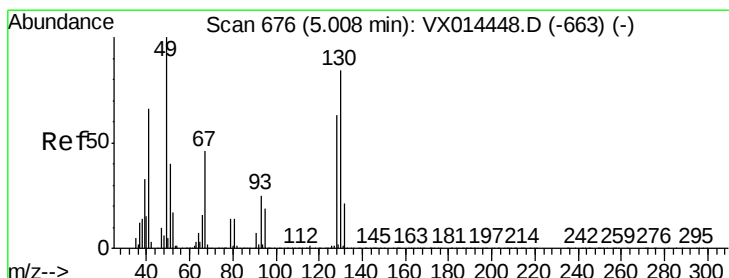
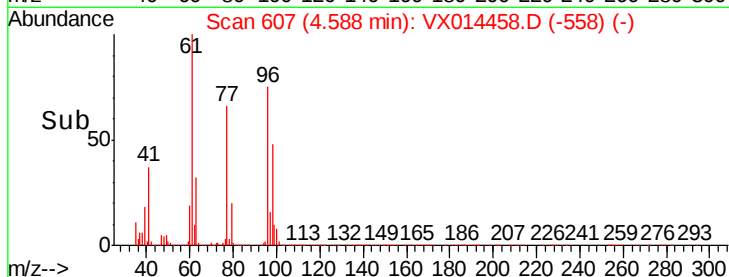
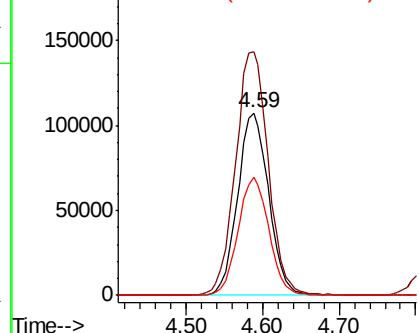


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

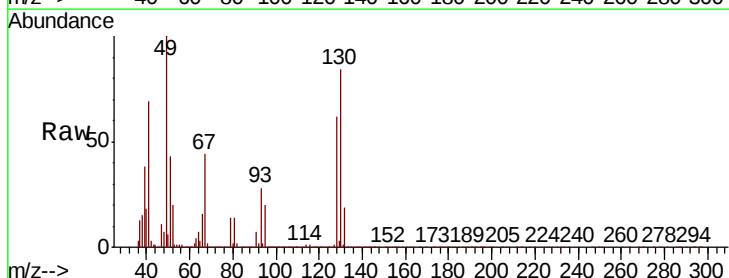
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 44.992 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	49	Resp	182102
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.4
130	83.0	67.0	100.4

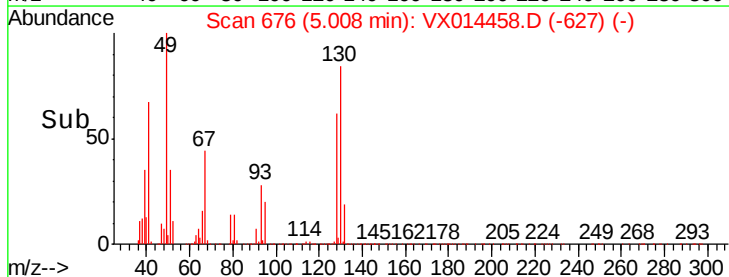
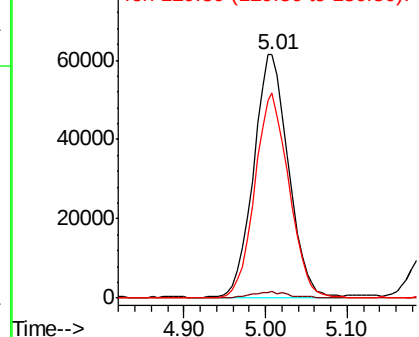


Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 255.086 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

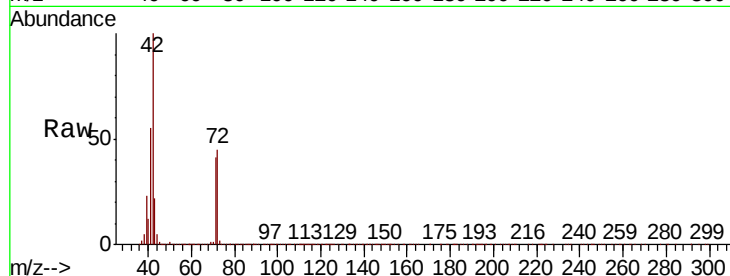
Tot Ion: 42 Resp: 662664

Ion Ratio Lower Upper

42 100

72 45.6 36.2 54.4

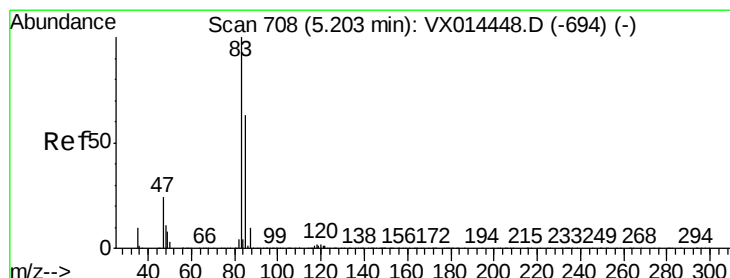
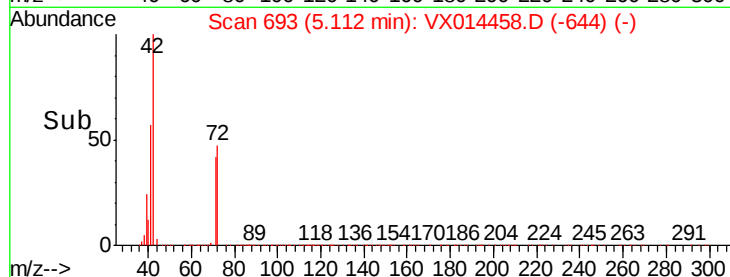
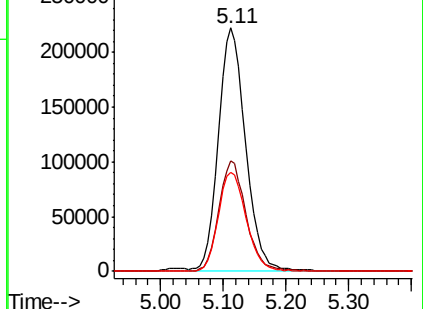
71 42.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.375 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014458.D

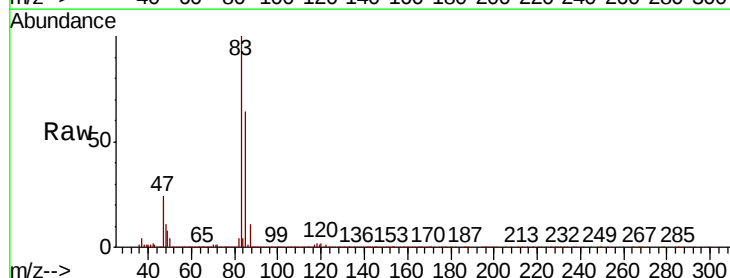
Acq: 07 Jan 2020 20:50

Tgt Ion: 83 Resp: 454047

Ion Ratio Lower Upper

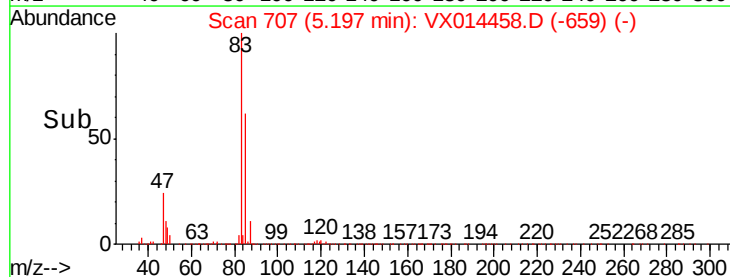
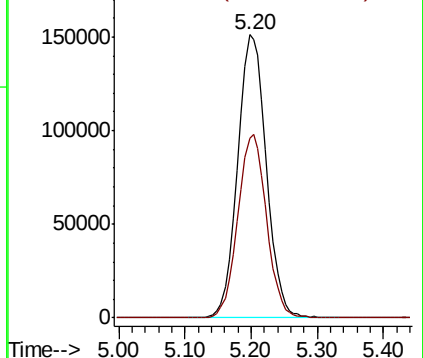
83 100

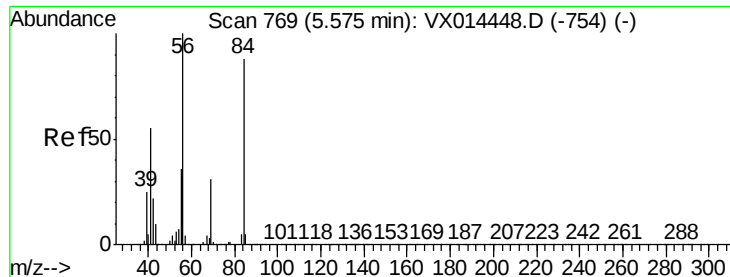
85 63.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

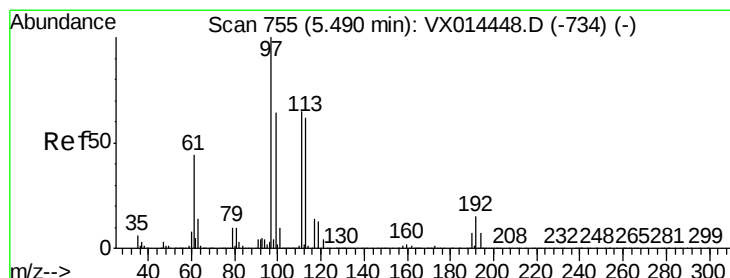
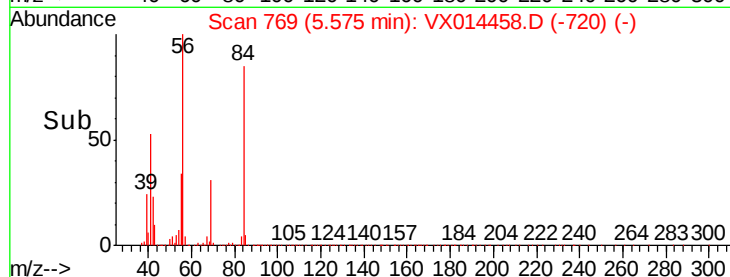
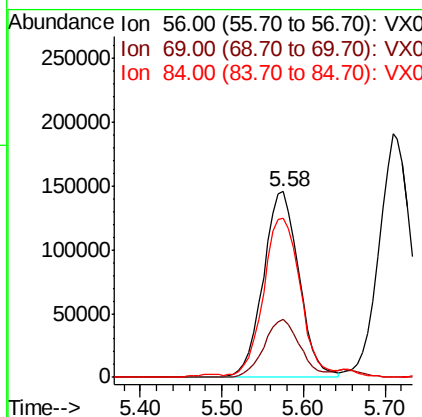
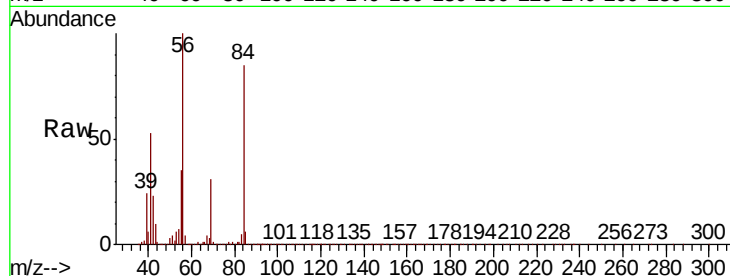




#31
Cyclohexane
Concen: 49.295 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

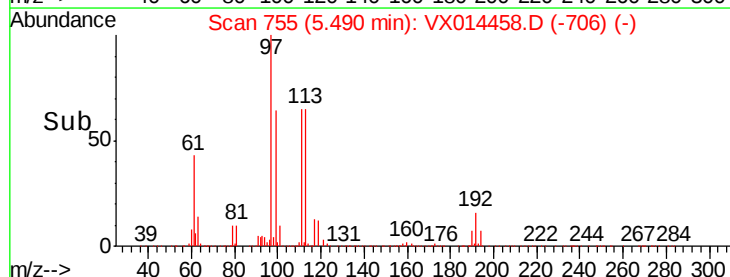
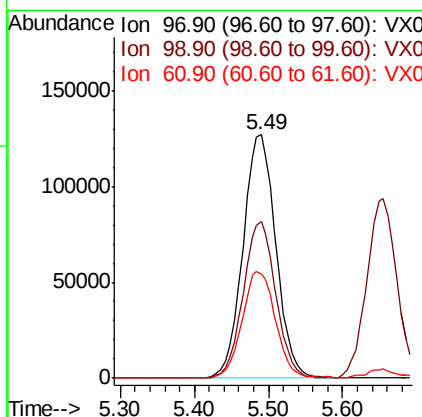
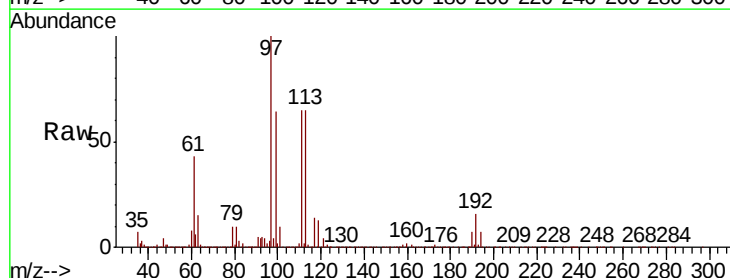
Instrument :
MSVOA_X
ClientSampled :

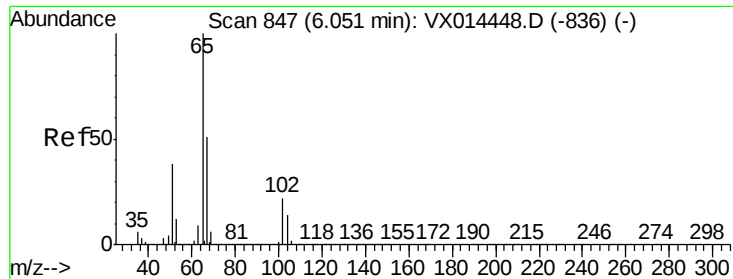
Tot Ion: 56 Resp: 443198
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 84.6 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 48.751 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 97 Resp: 391679
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 44.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.309 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

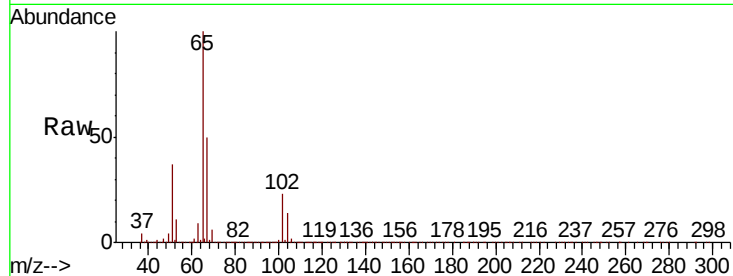
ClientSampleId :

Tot Ion: 65 Resp: 284162

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

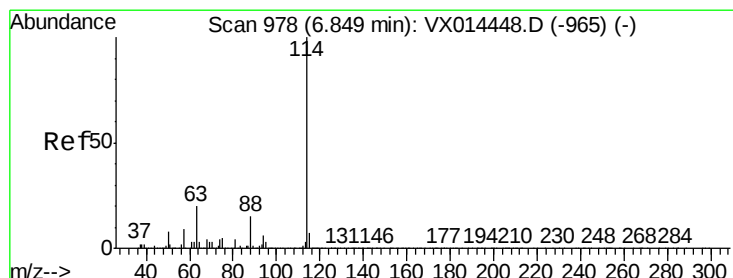
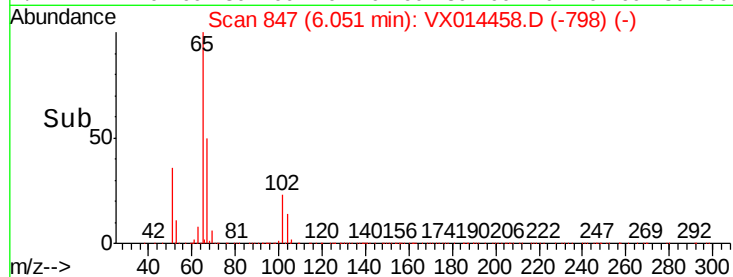
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

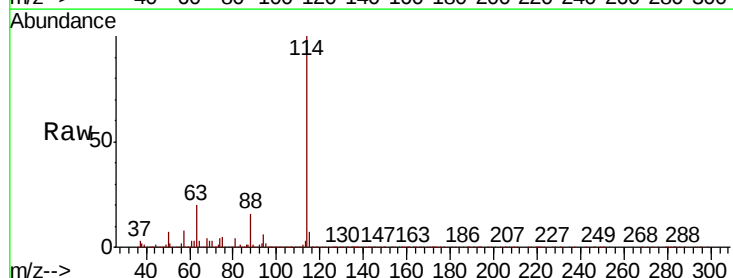
Tgt Ion: 114 Resp: 810449

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

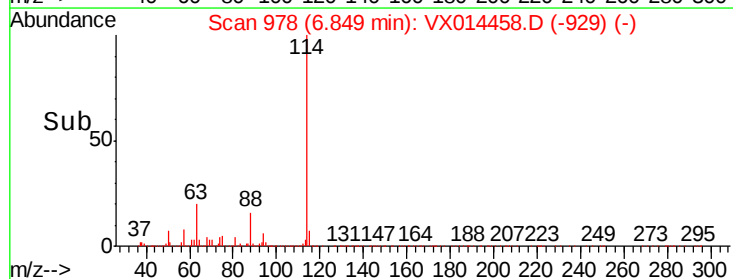
300000

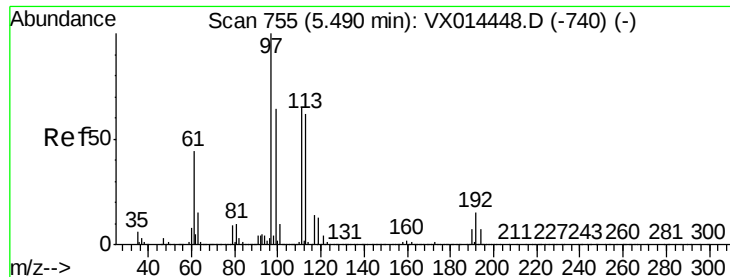
200000

100000

0

Time-->

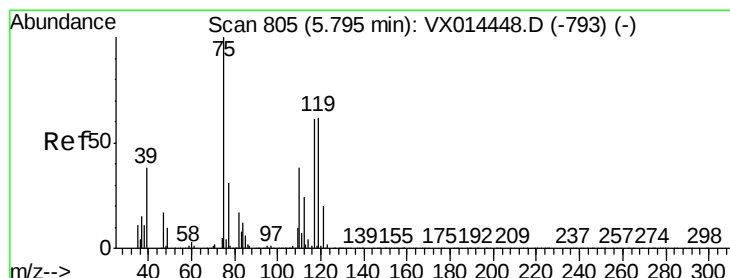
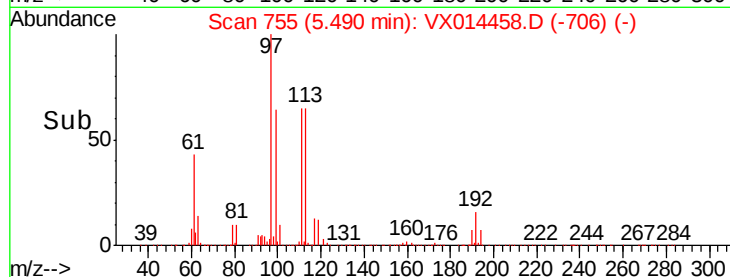
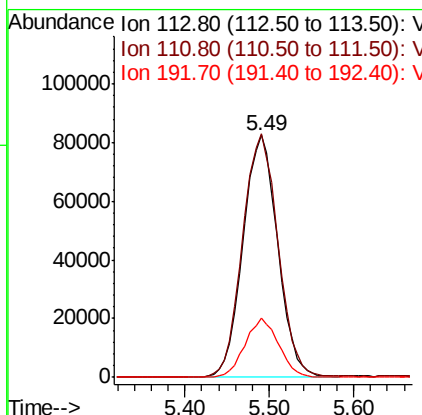
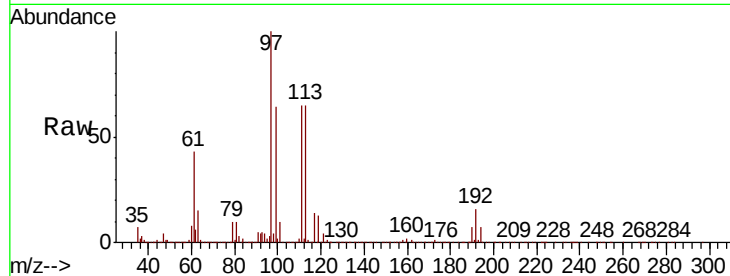




#35
 Dibromofluoromethane
 Concen: 46.994 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

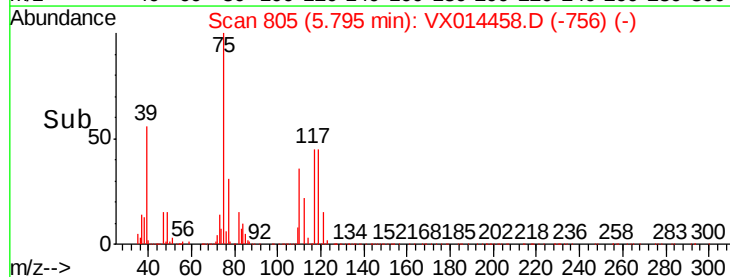
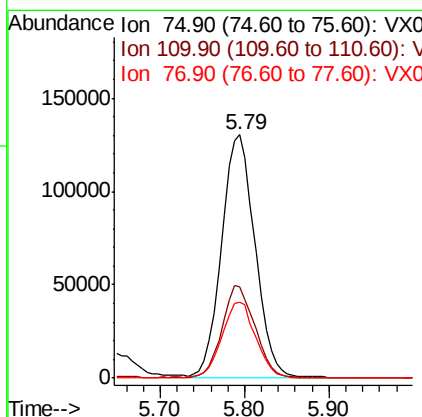
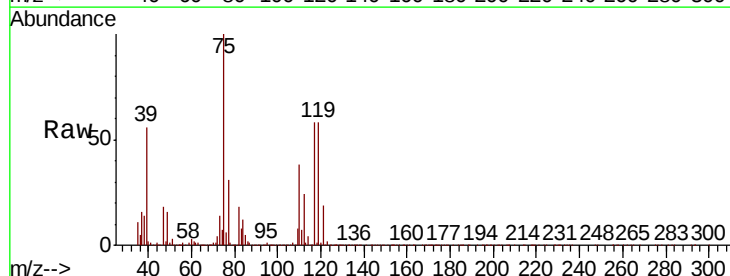
Instrument :
 MSVOA_X
 ClientSampled :

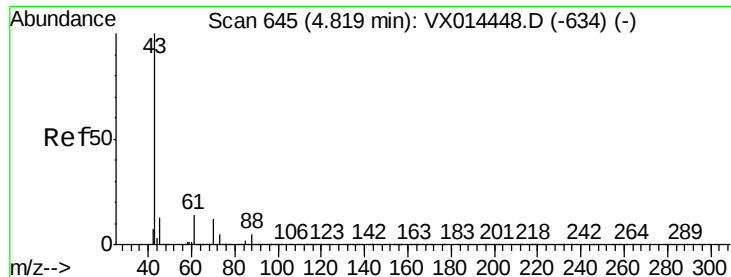
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	23.7	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 46.088 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.6	55.8
77	31.6	24.5	36.7

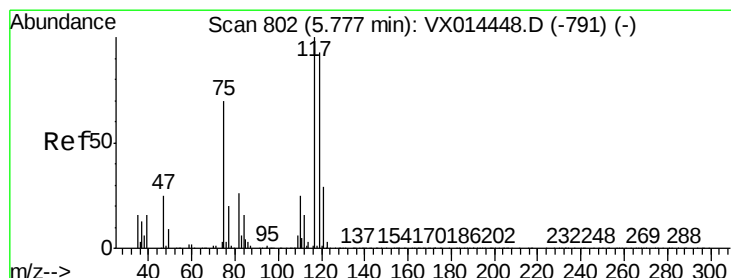
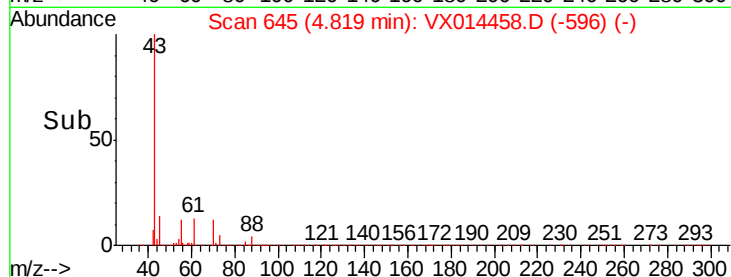
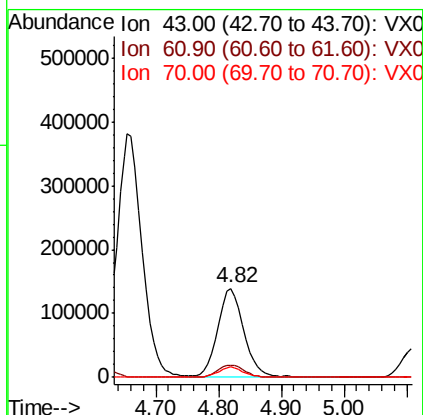
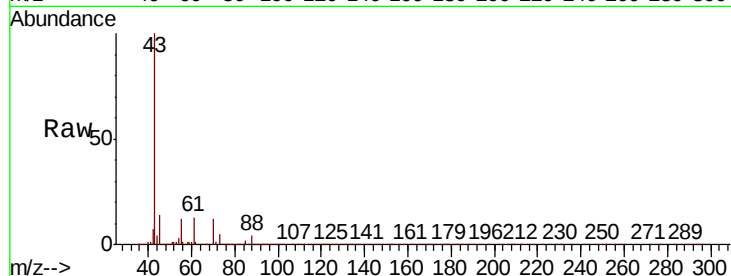




#37
Ethyl Acetate
Concen: 48.507 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

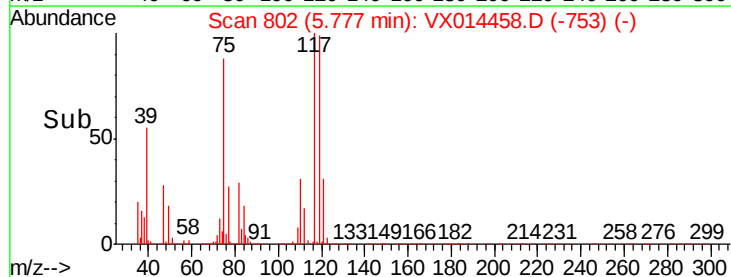
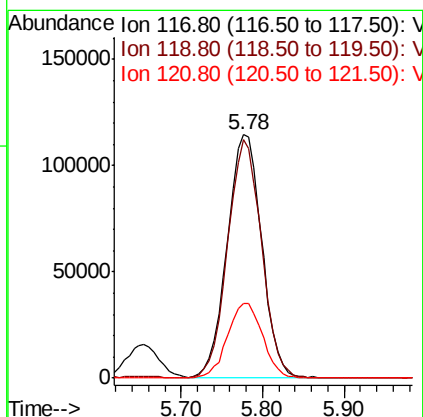
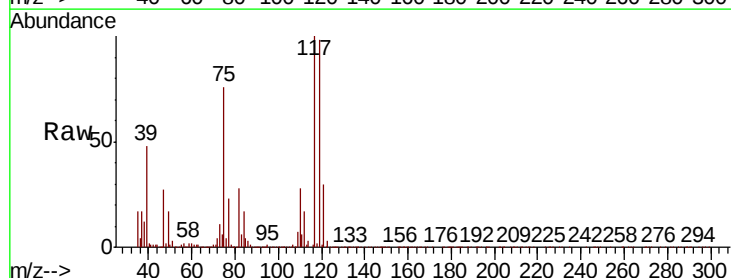
Instrument :
MSVOA_X
ClientSampled :

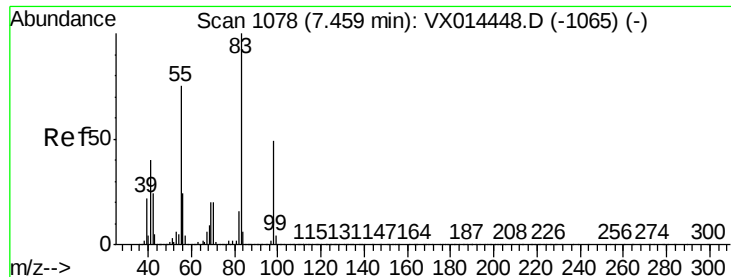
Tot Ion: 43 Resp: 401571
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 47.681 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 117 Resp: 334415
Ion Ratio Lower Upper
117 100
119 97.7 73.8 110.8
121 30.4 23.4 35.0

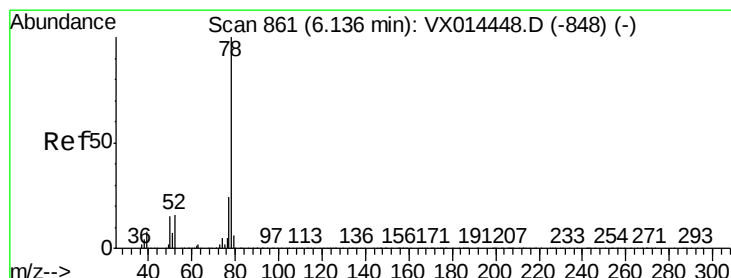
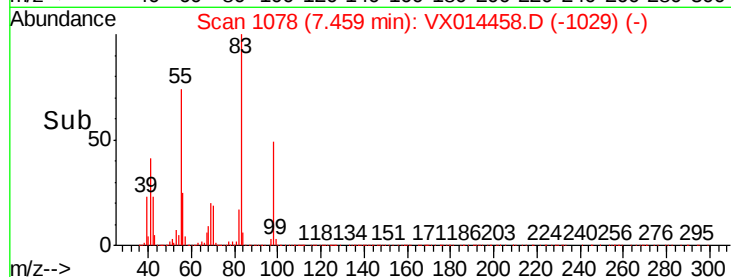
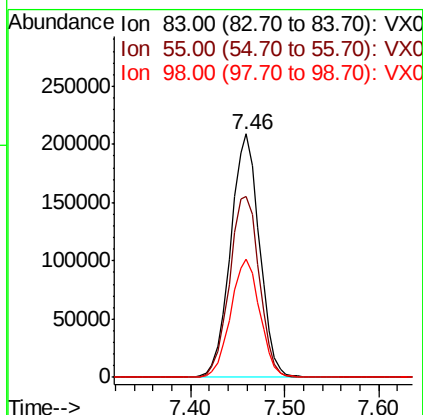
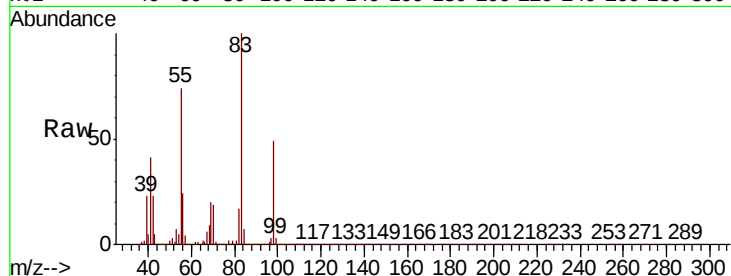




#39
Methvlcvclohexane
Concen: 46.411 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

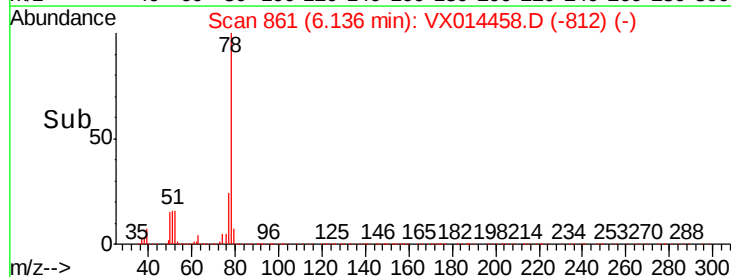
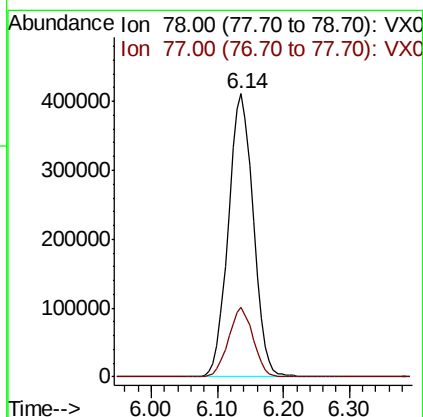
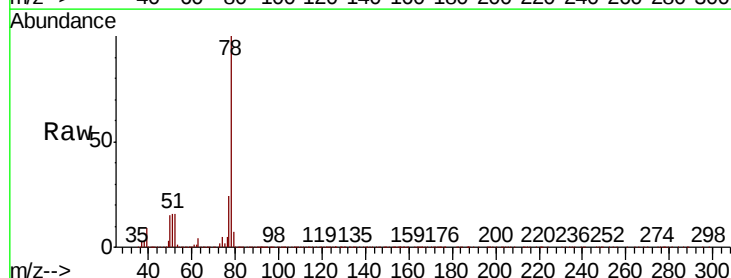
Instrument :
MSVOA_X
ClientSampled :

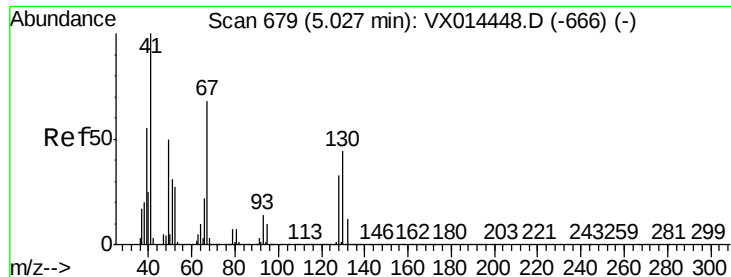
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	59.7	89.5
98	48.6	39.1	58.7



#40
Benzene
Concen: 47.645 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3

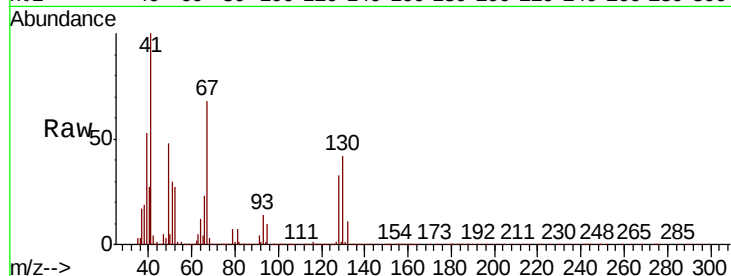




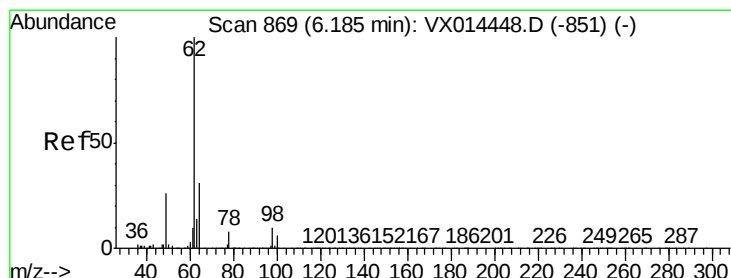
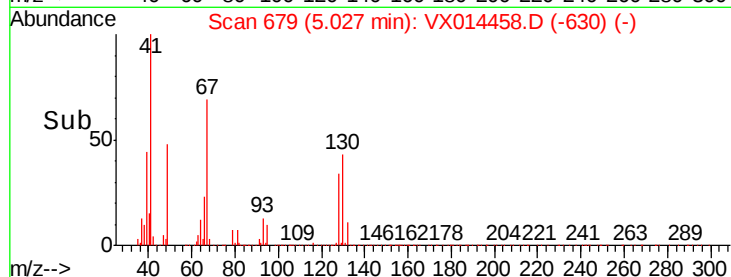
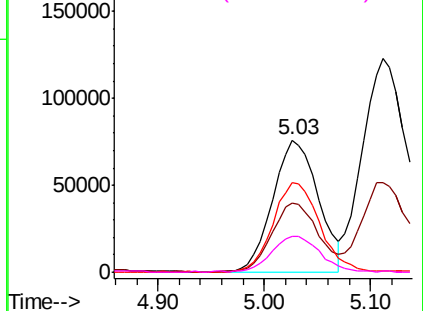
#41
Methacrylonitrile
Concen: 50.646 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	223591
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.6	65.4
67	69.9	57.9	86.9
52	28.2	23.0	34.6

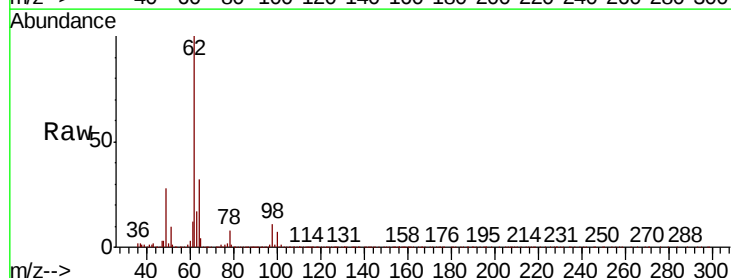


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

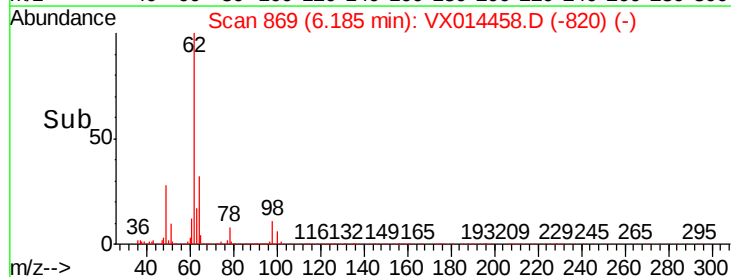
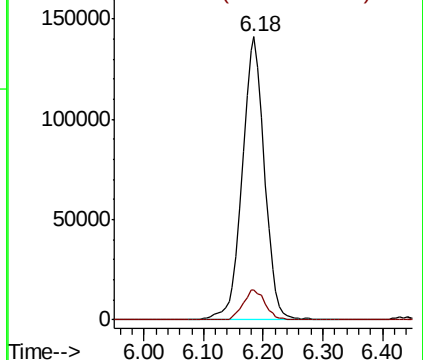


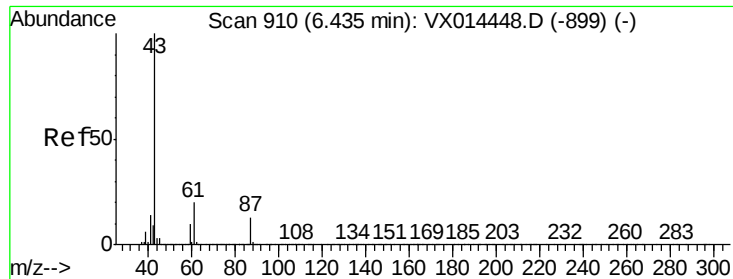
#42
1,2-Dichloroethane
Concen: 46.353 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion:	62	Resp:	366611
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



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



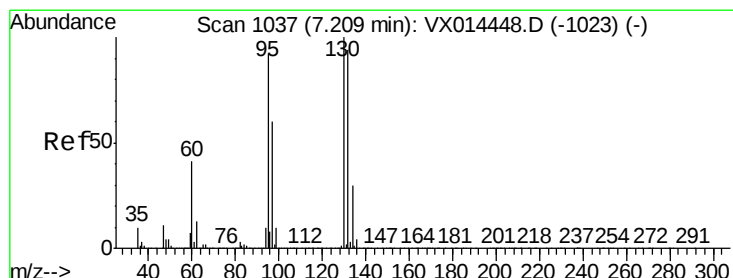
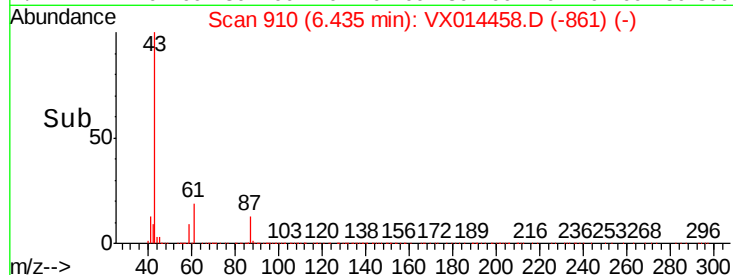
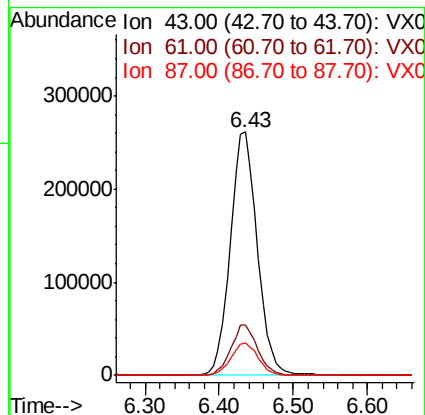
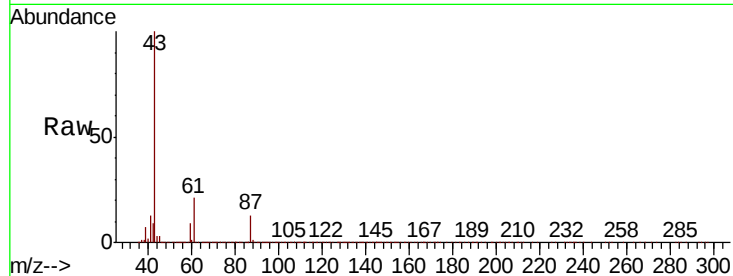


#43

Isopropyl Acetate
 Concen: 49.302 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :

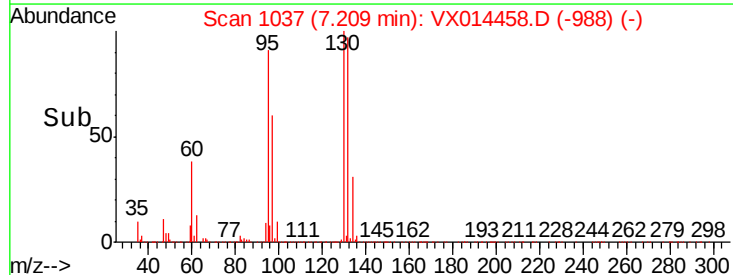
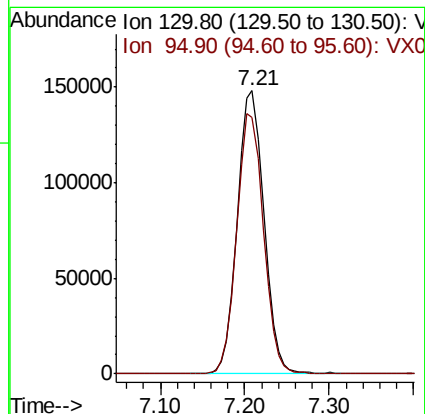
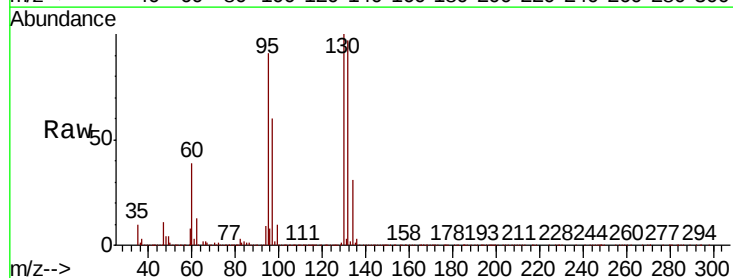
Tot Ion: 43 Resp: 659332
 Ion Ratio Lower Upper
 43 100
 61 20.4 16.6 24.8
 87 13.3 10.8 16.2

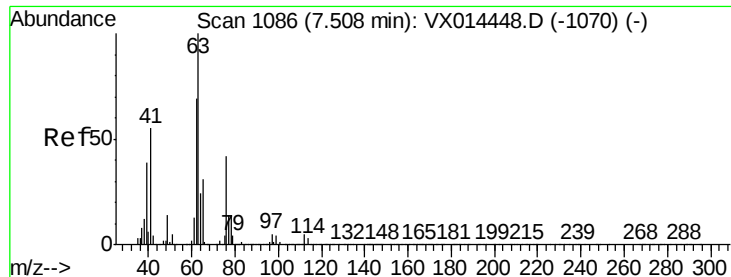


#44

Trichloroethene
 Concen: 48.536 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion: 130 Resp: 315515
 Ion Ratio Lower Upper
 130 100
 95 90.9 0.0 184.2





#45

1,2-Dichloropropane

Concen: 47.914 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

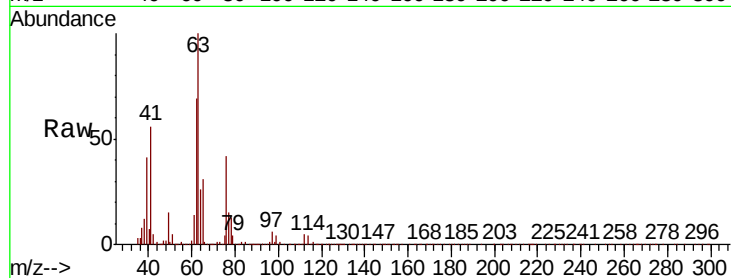
ClientSampled :

Tot Ion: 63 Resp: 276324

Ion Ratio Lower Upper

63 100

65 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

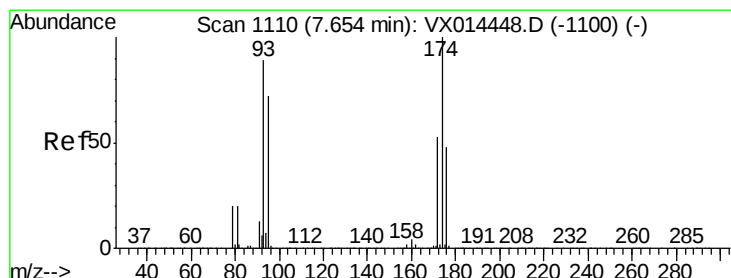
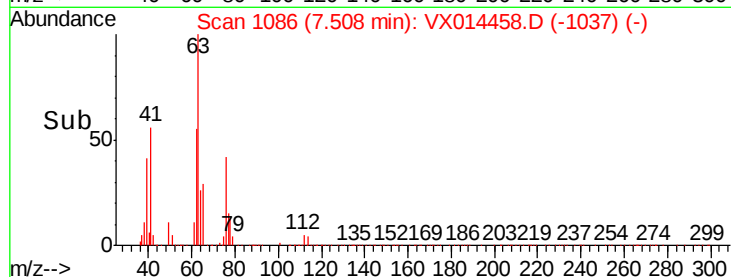
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 44.772 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

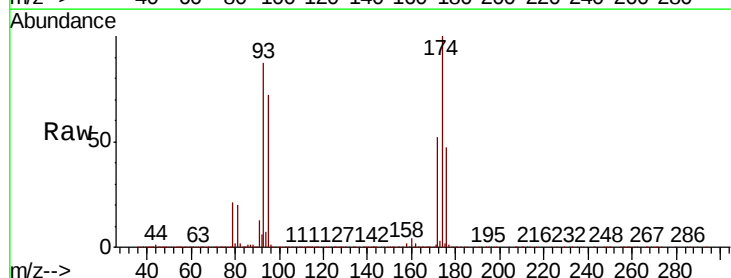
Tgt Ion: 93 Resp: 180216

Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.2

174 118.4 93.0 139.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

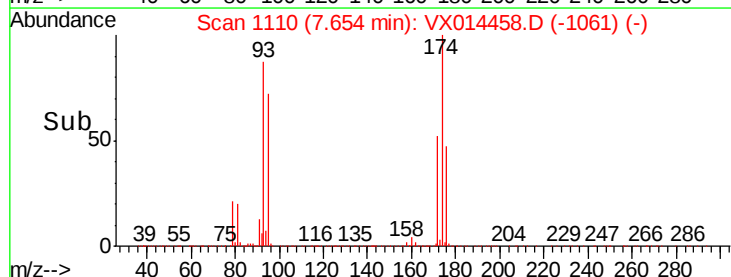
150000

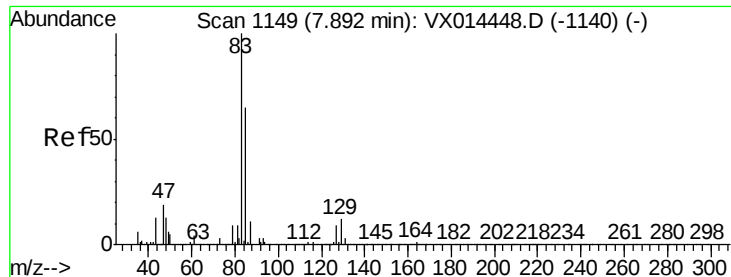
100000

50000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 48.720 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

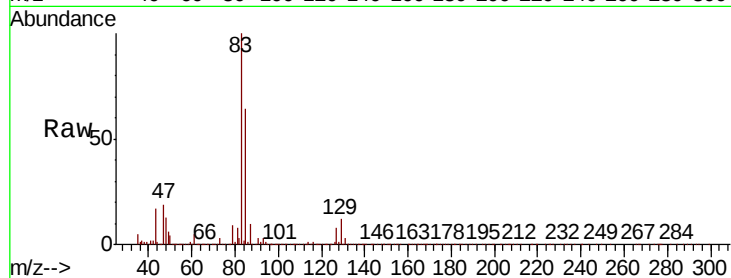
Tot Ion: 83 Resp: 356842

Ion Ratio Lower Upper

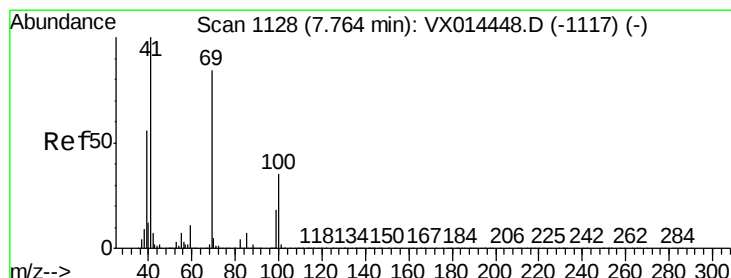
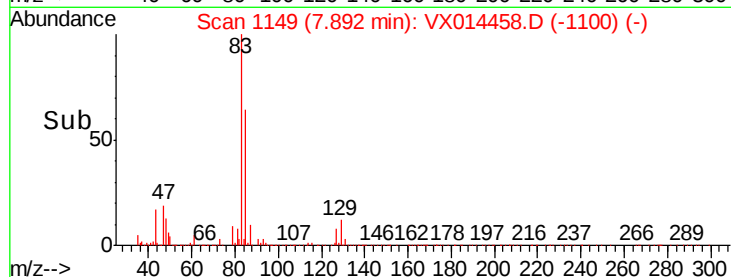
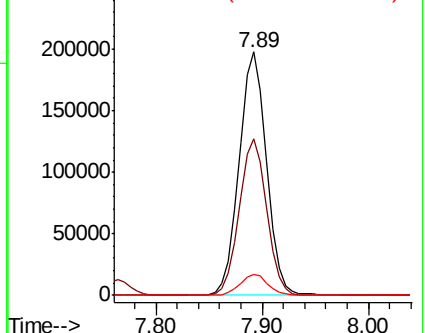
83 100

85 64.2 51.7 77.5

127 8.3 7.1 10.7



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



#48

Methyl methacrylate

Concen: 50.807 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

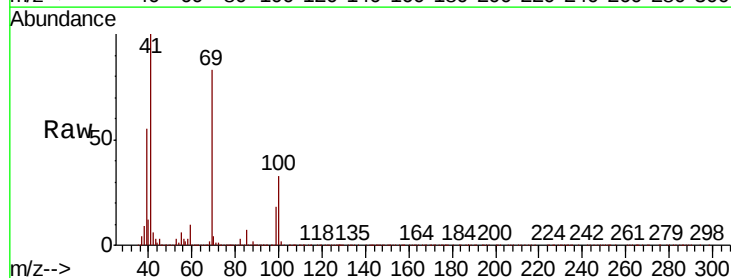
Tgt Ion: 41 Resp: 325424

Ion Ratio Lower Upper

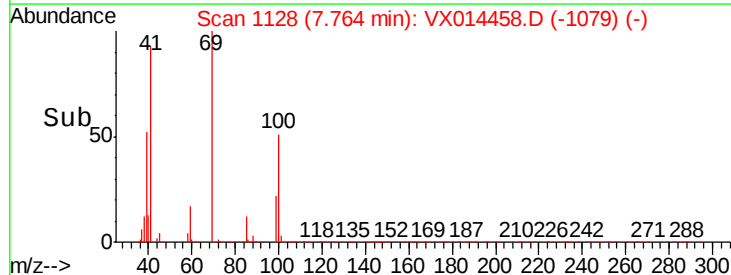
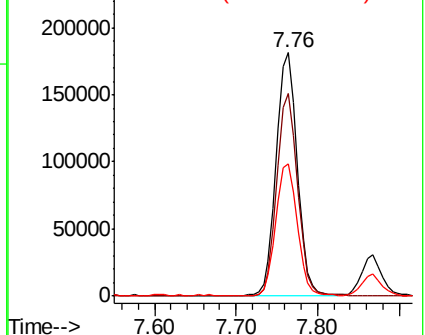
41 100

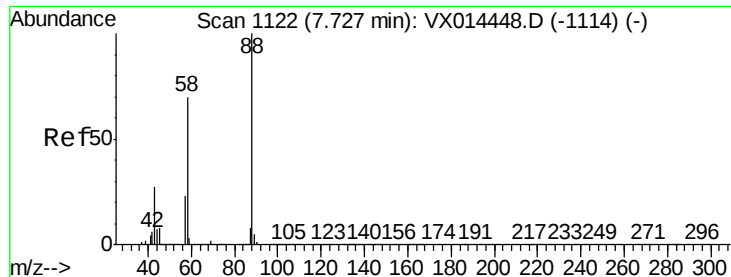
69 81.6 65.5 98.3

39 55.0 43.9 65.9



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





#49

1,4-Dioxane

Concen: 972.872 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

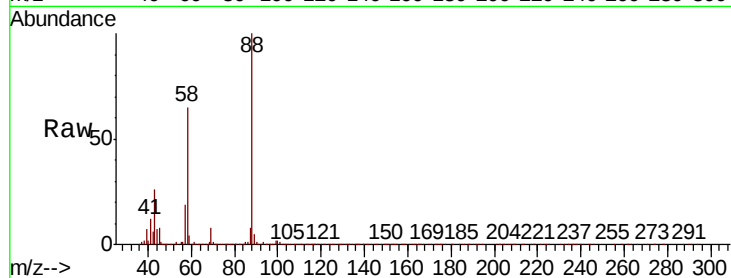
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 132037

Ion	Ratio	Lower	Upper
88	100		
43	31.6	27.4	41.0
58	68.3	57.1	85.7

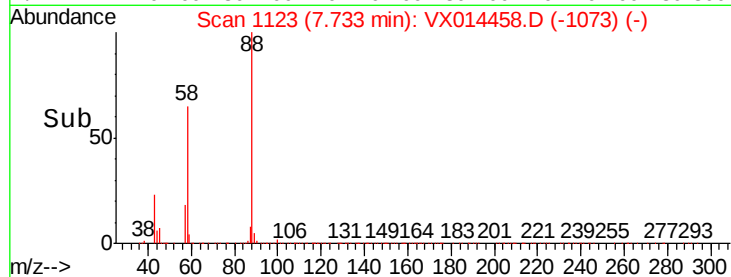


Abundance

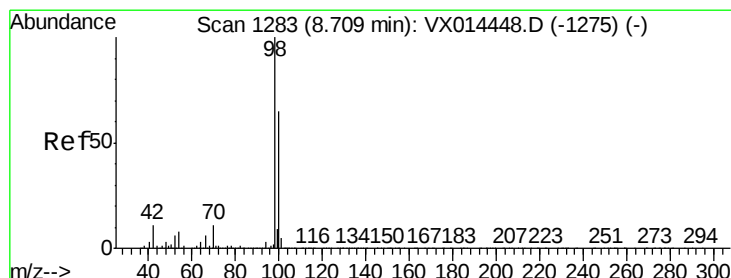
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 47.937 ug/l

RT: 8.71 min Scan# 1283

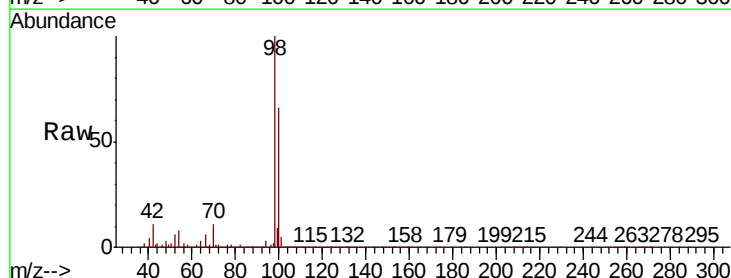
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion: 98 Resp: 912649

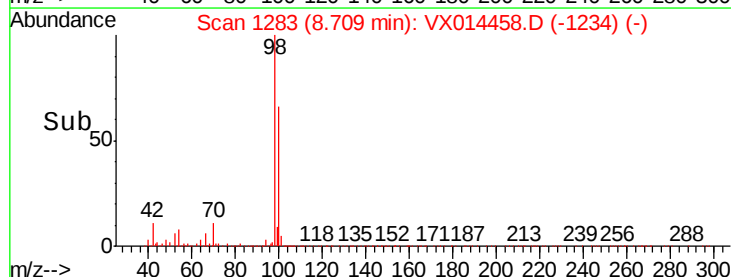
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8



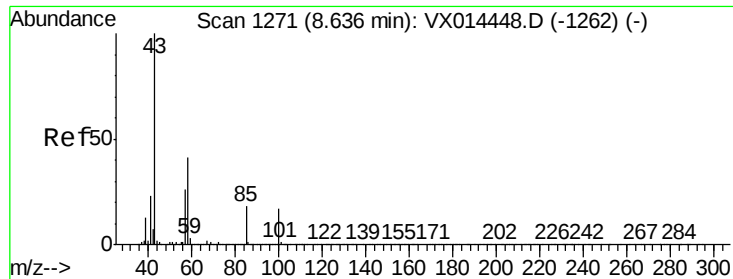
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



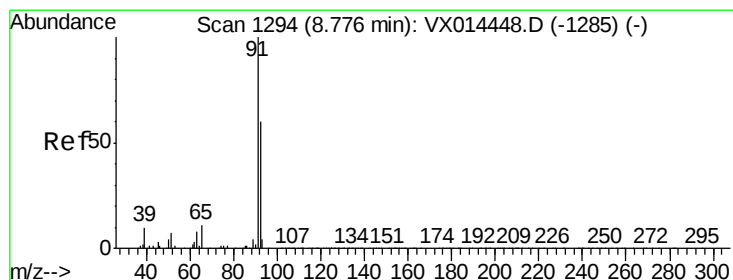
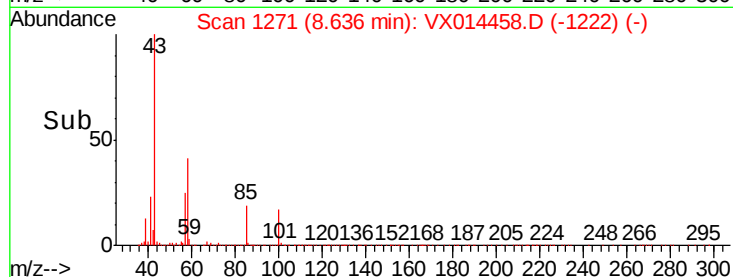
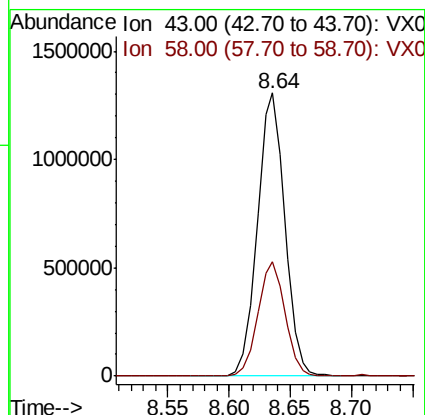
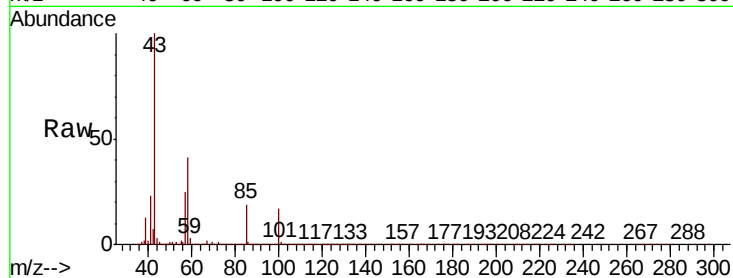
Time-->



#51
4-Methyl-2-Pentanone
Concen: 250.779 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

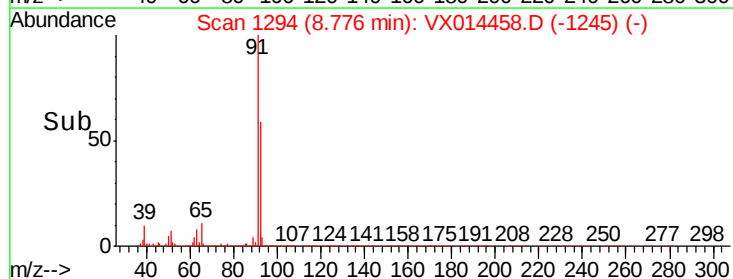
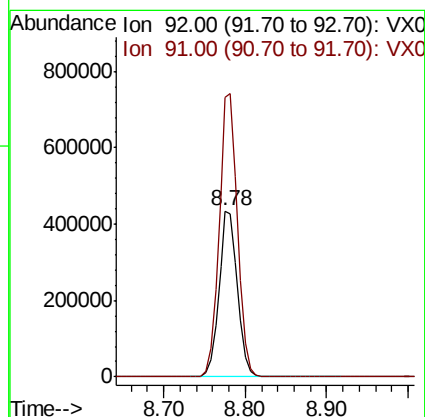
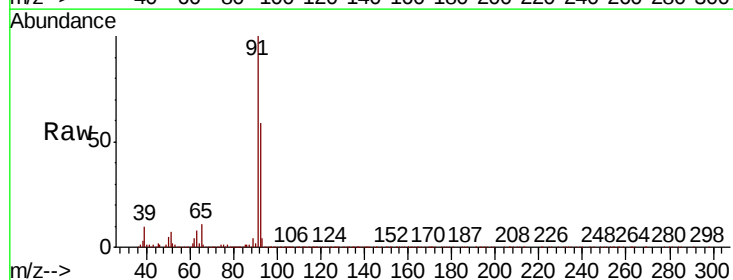
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2043695
Ion Ratio Lower Upper
43 100
58 40.1 32.4 48.6



#52
Toluene
Concen: 47.188 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 92 Resp: 683298
Ion Ratio Lower Upper
92 100
91 170.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 47.583 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

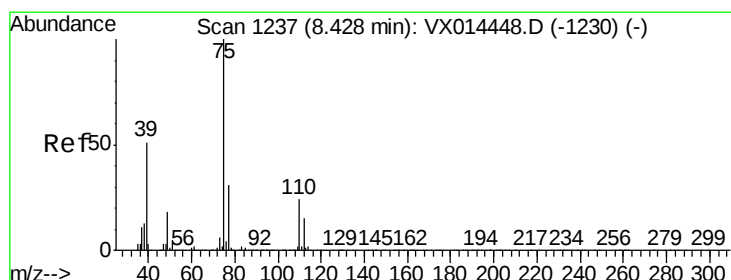
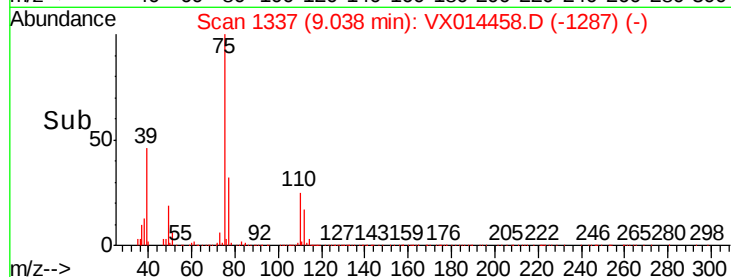
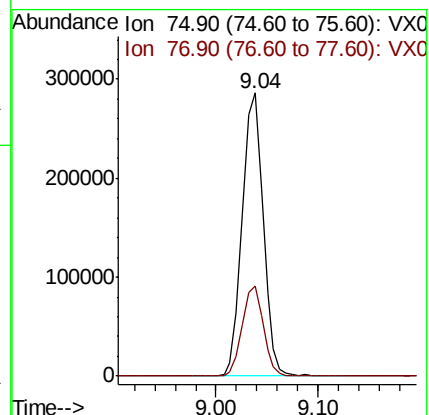
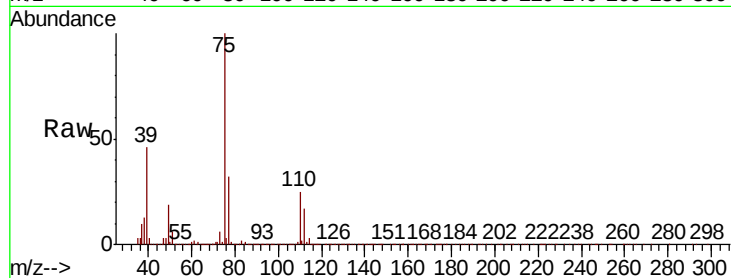
ClientSampleId :

Tot Ion: 75 Resp: 405743

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.380 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

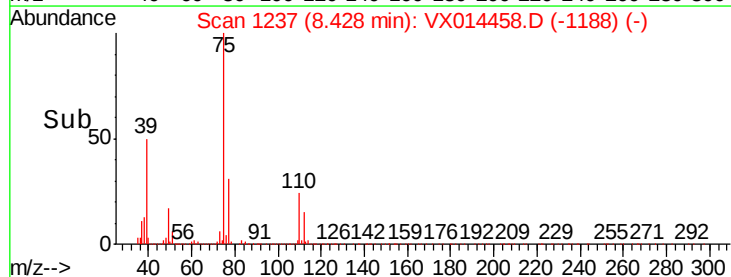
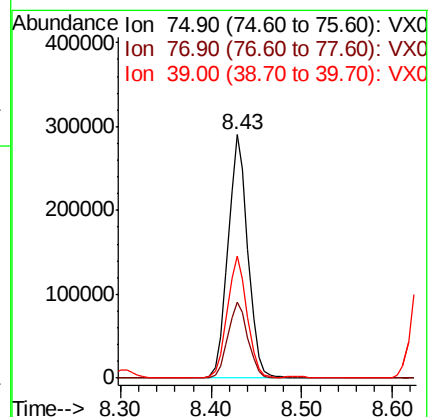
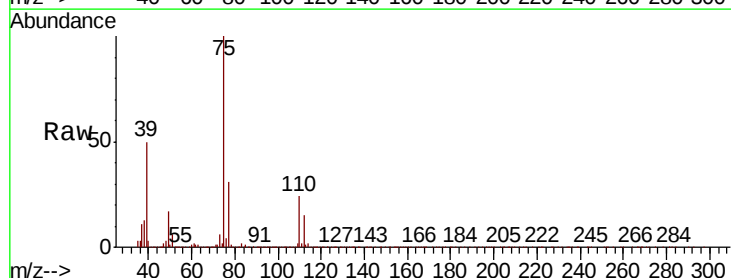
Tgt Ion: 75 Resp: 445641

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 50.1 40.7 61.1

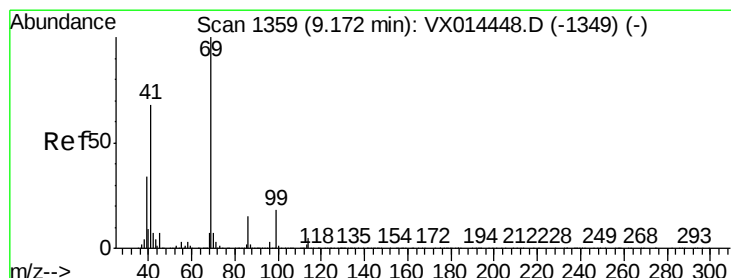
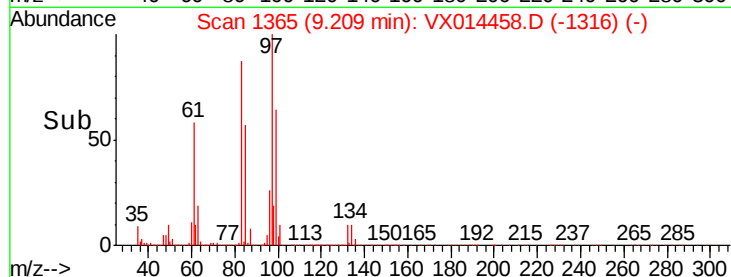
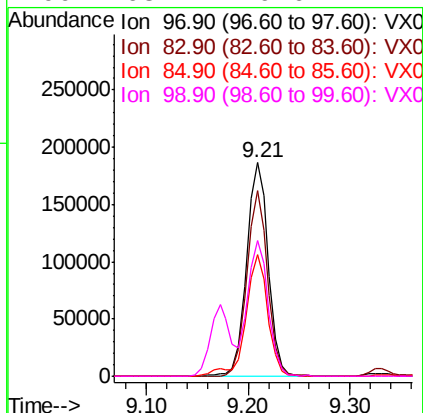
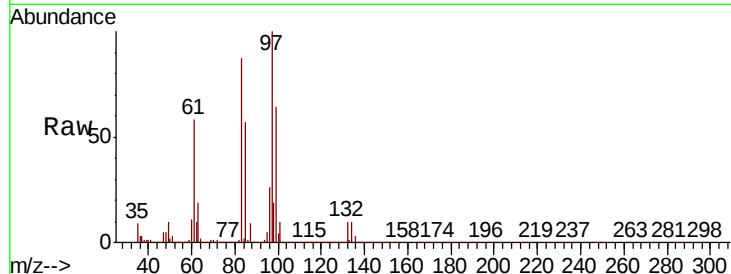




#55
 1,1,2-Trichloroethane
 Concen: 47.251 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

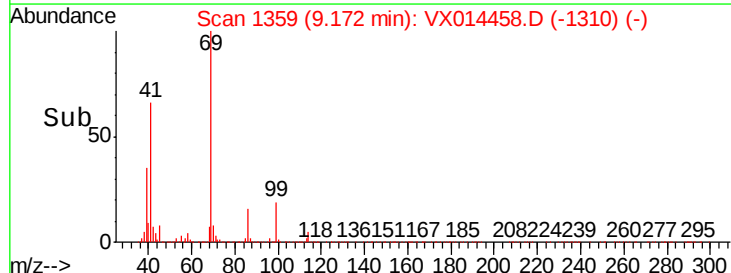
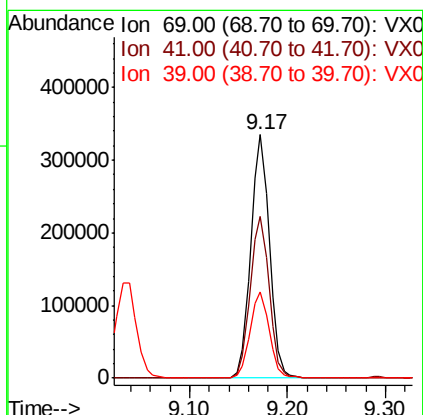
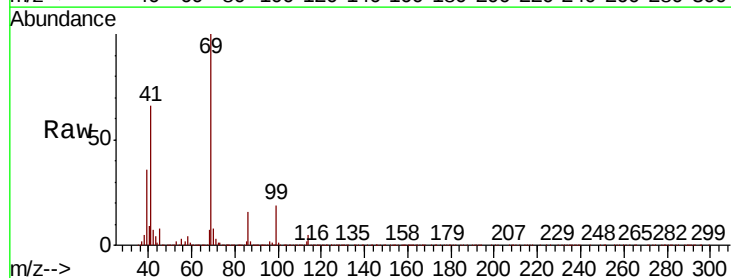
Instrument :
 MSVOA_X
 ClientSampleId :

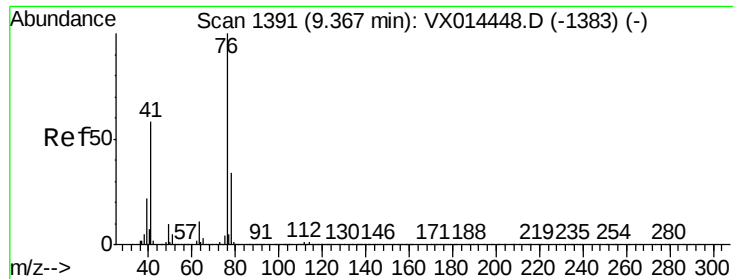
Tot Ion:	97	Resp:	274821
Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.4	99.6
85	57.1	43.4	65.2
99	63.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 50.073 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion:	69	Resp:	446183
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.2	81.2
39	36.1	28.2	42.2

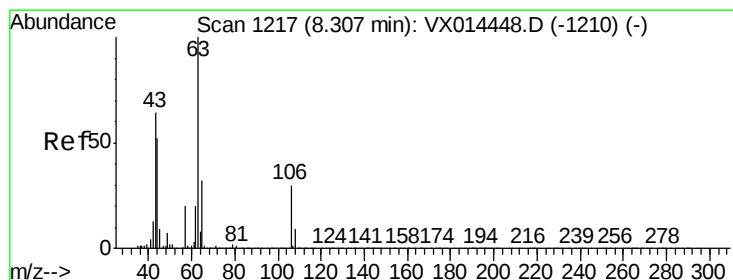
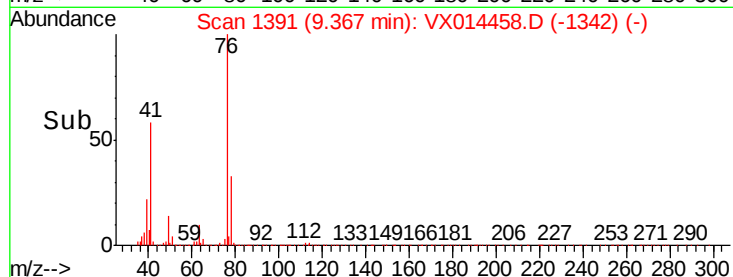
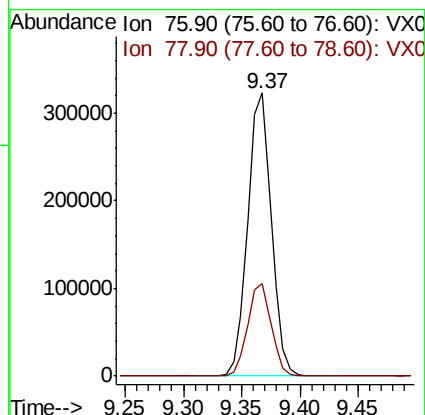
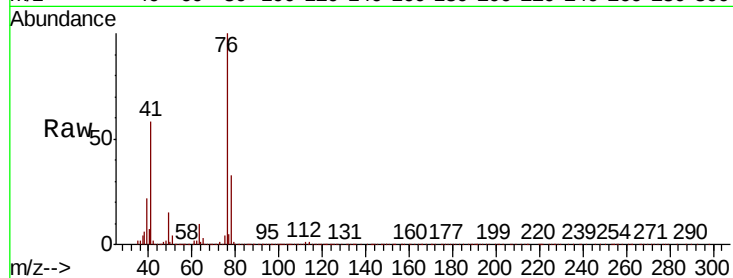




#57
 1,3-Dichloropropane
 Concen: 47.423 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

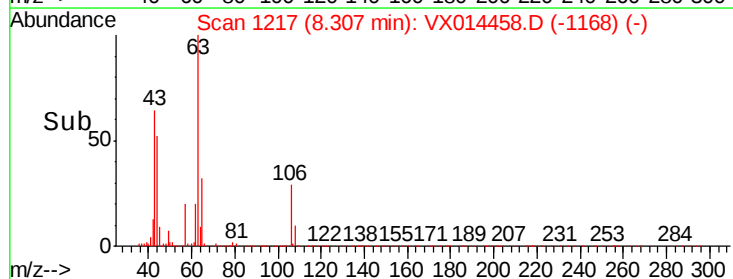
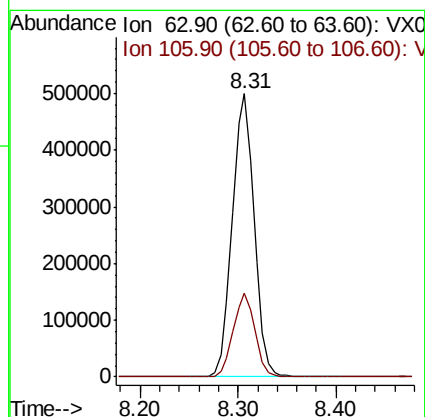
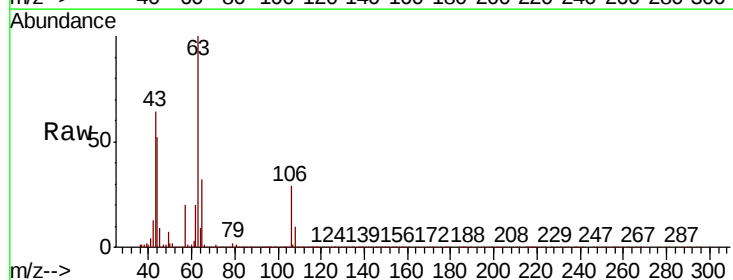
Instrument :
 MSVOA_X
 ClientSampleId :

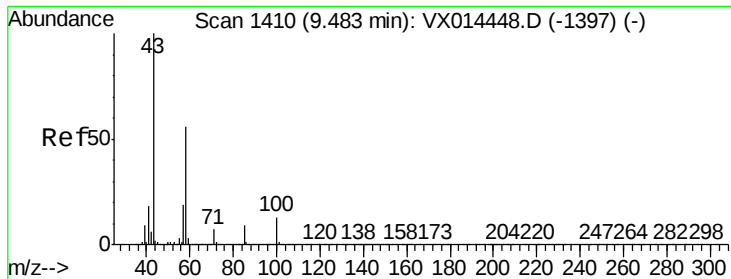
Tot Ion: 76 Resp: 461172
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.221 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion: 63 Resp: 776791
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.6 35.4

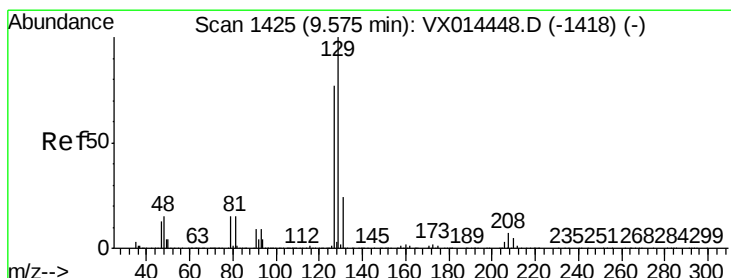
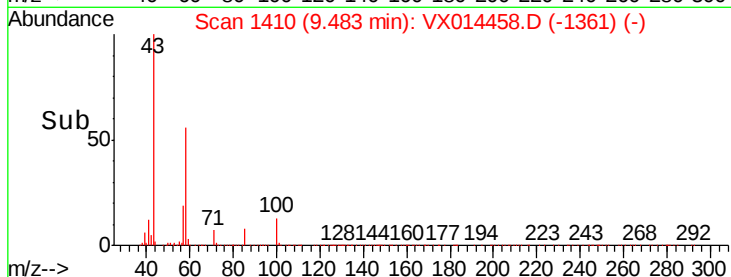
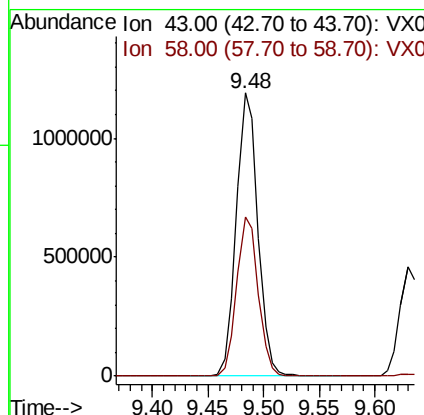
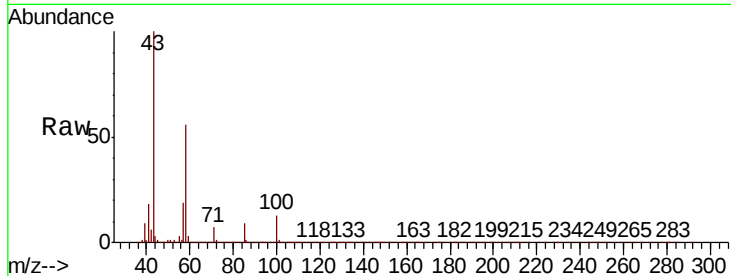




#59
2-Hexanone
Concen: 247.627 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

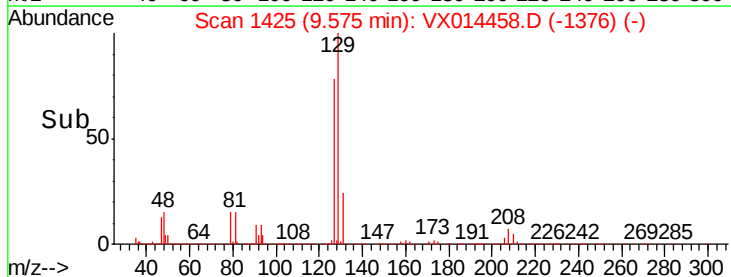
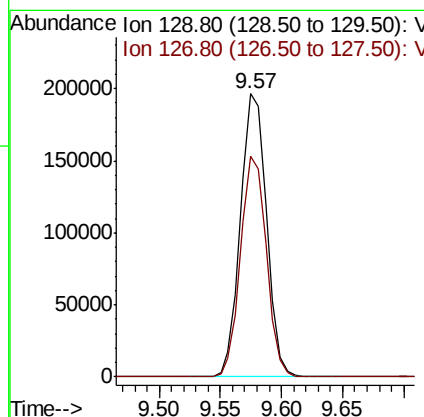
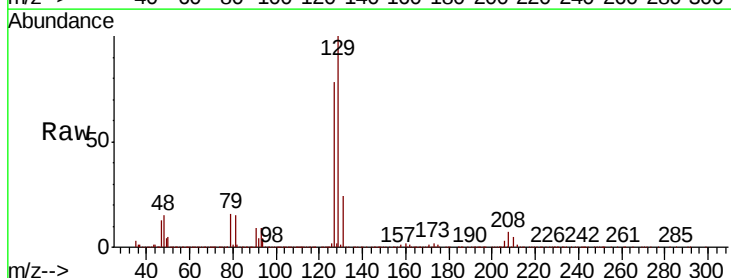
Instrument :
MSVOA_X
ClientSampleId :

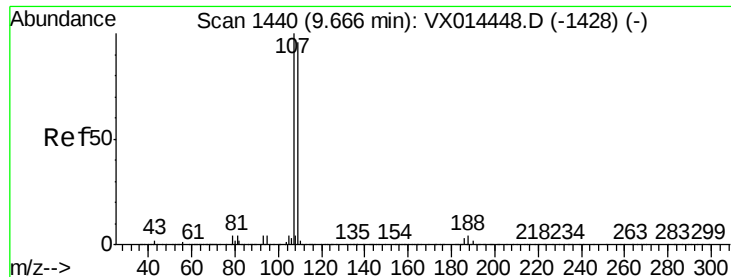
Tot Ion: 43 Resp: 1596733
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.7



#60
Dibromochloromethane
Concen: 49.577 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion:129 Resp: 289827
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 46.619 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

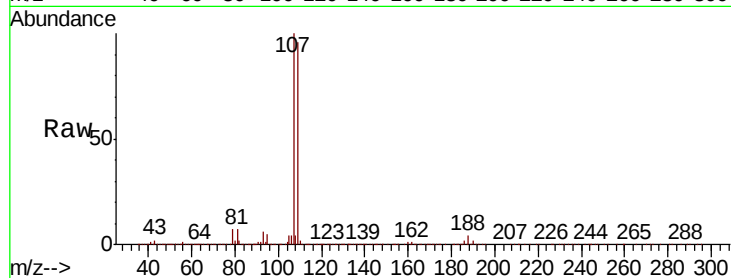
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 287224

Ion Ratio Lower Upper

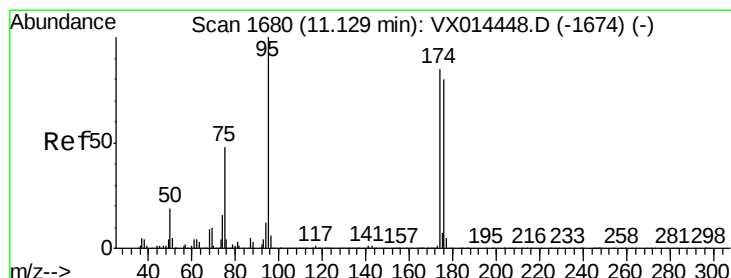
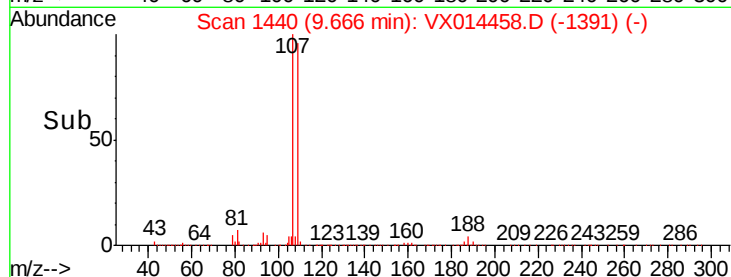
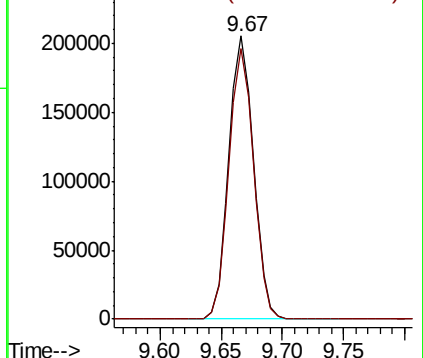
107 100

109 95.3 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.042 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

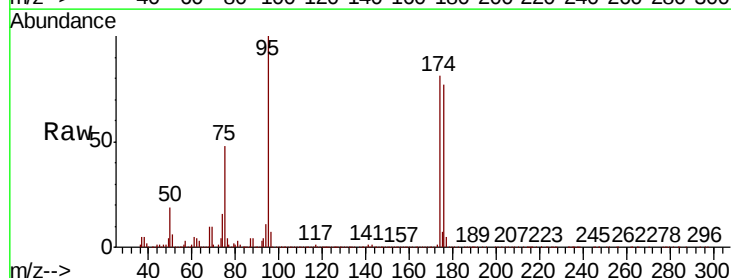
Tgt Ion: 95 Resp: 335778

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.8

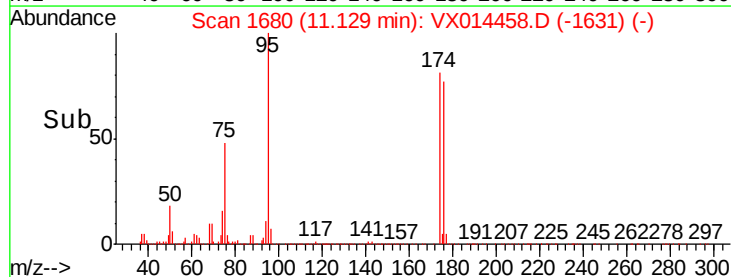
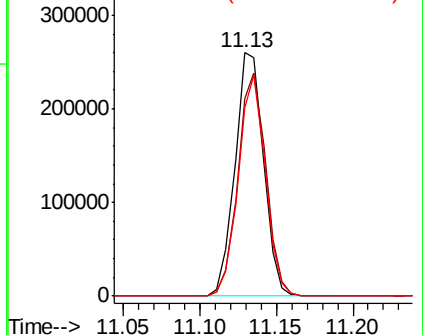
176 86.1 0.0 172.8

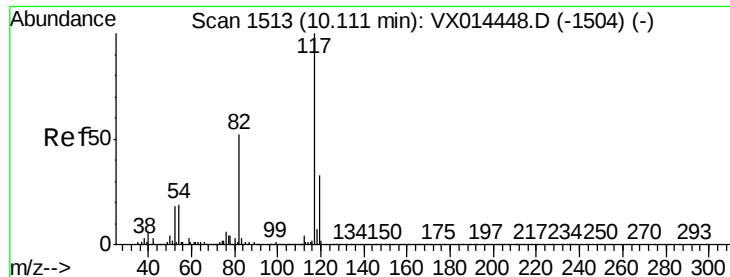


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

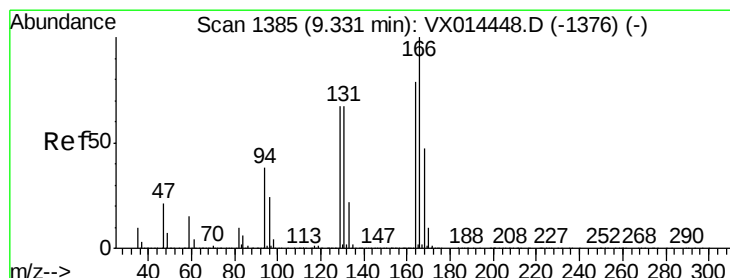
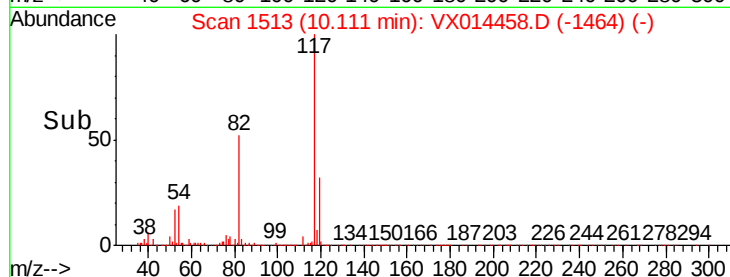
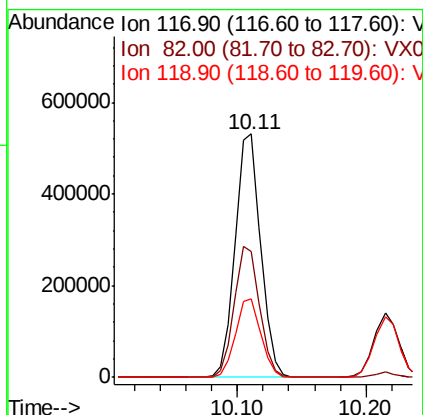
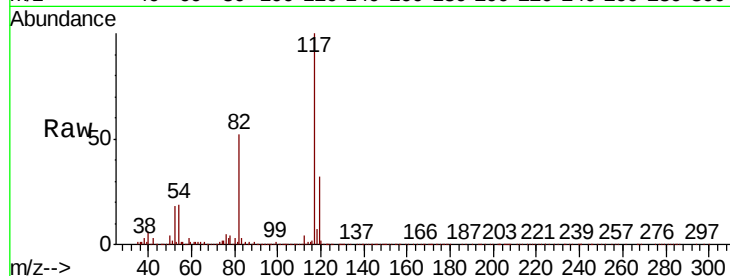




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

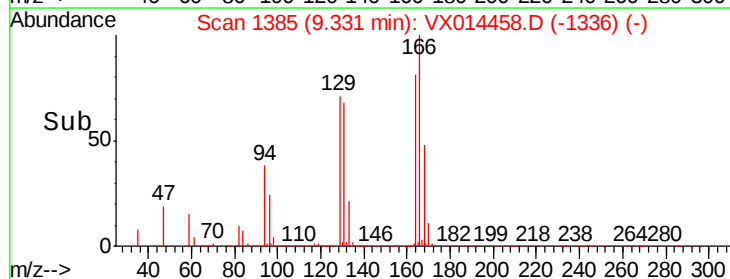
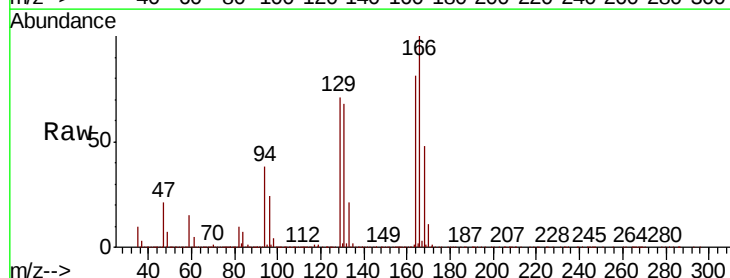
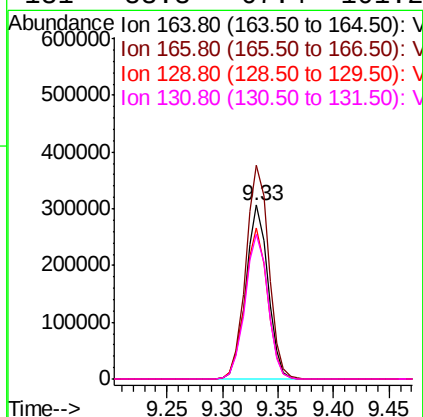
Instrument :
MSVOA_X
ClientSampleId :

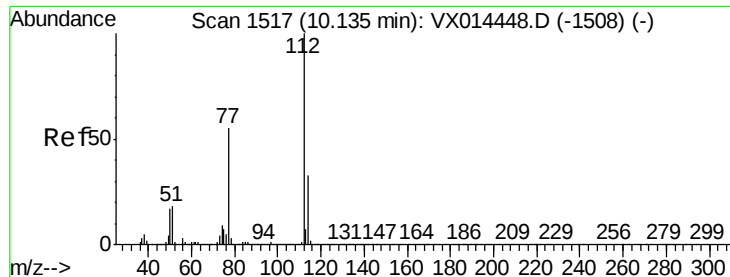
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.6
119	32.4	26.2	39.4



#64
Tetrachloroethene
Concen: 57.759 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	101.2	151.8
129	86.7	68.3	102.5
131	83.3	67.4	101.2

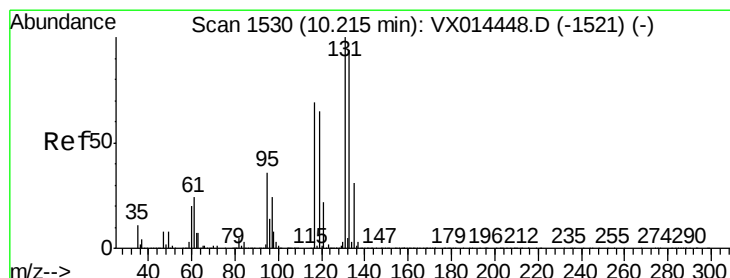
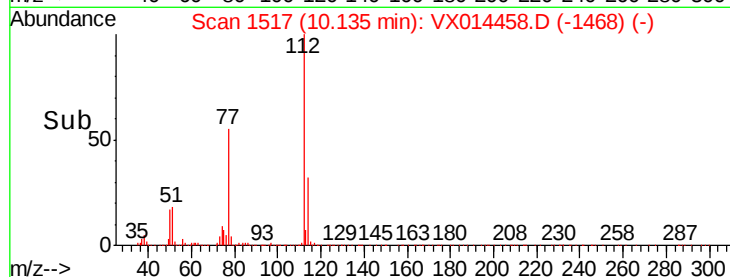
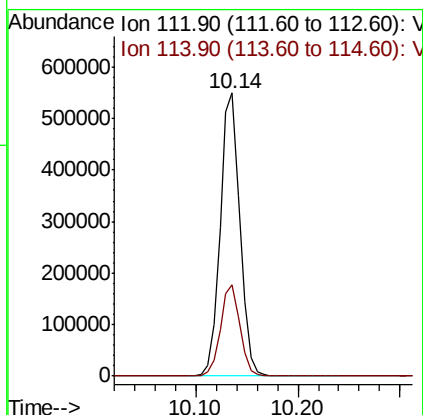
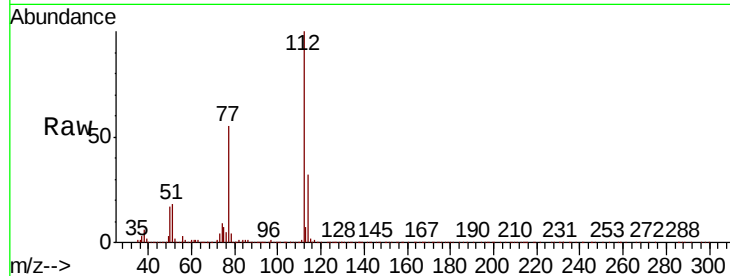




#65
Chlorobenzene
Concen: 46.527 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

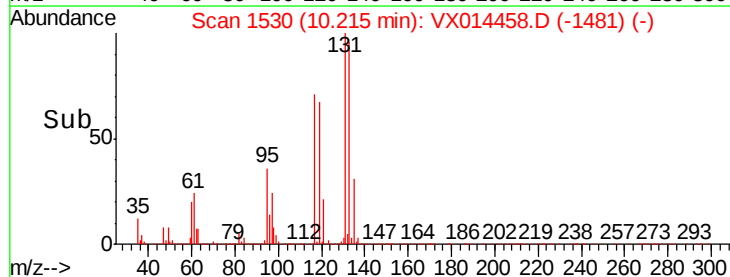
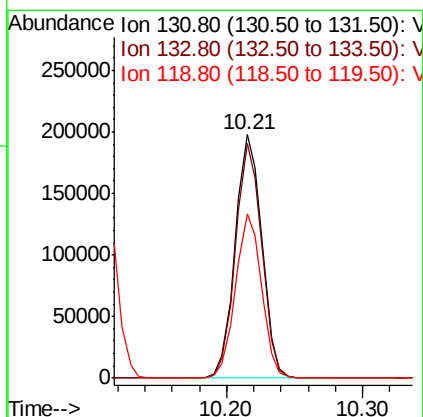
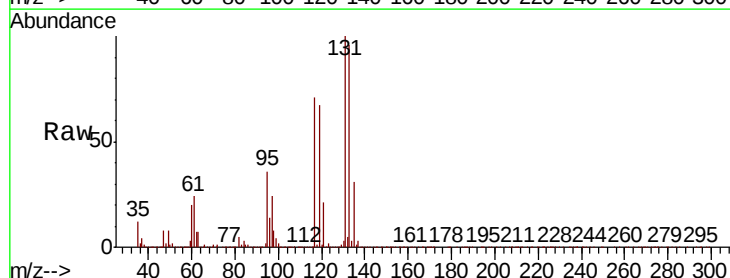
Instrument :
MSVOA_X
ClientSampleId :

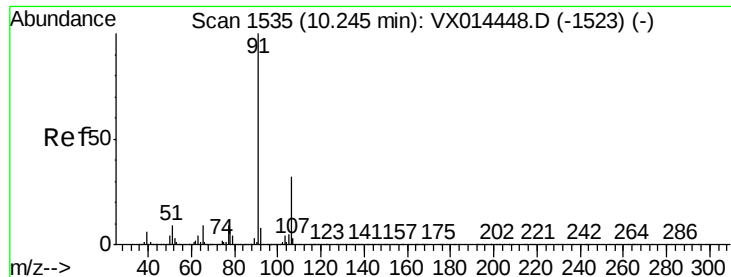
Tot Ion:112 Resp: 739433
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.544 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion:131 Resp: 269650
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 65.7 32.8 98.4

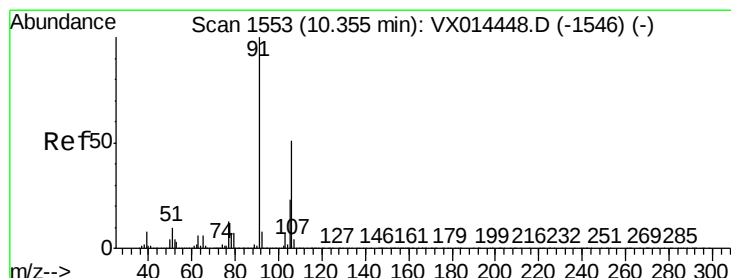
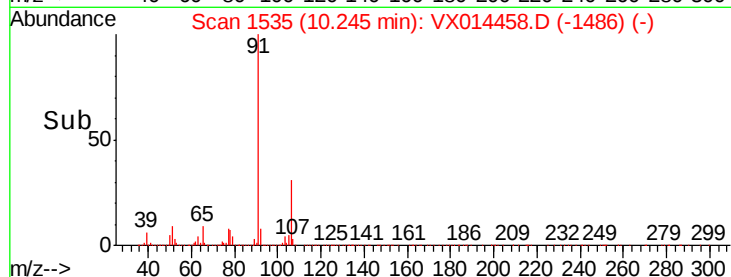
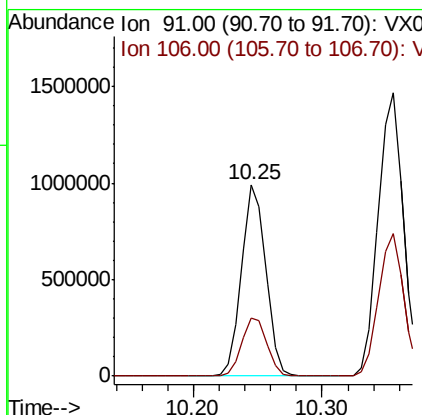
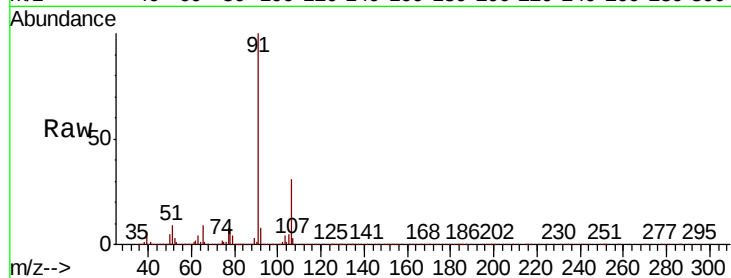




#67
Ethyl Benzene
Concen: 47.802 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

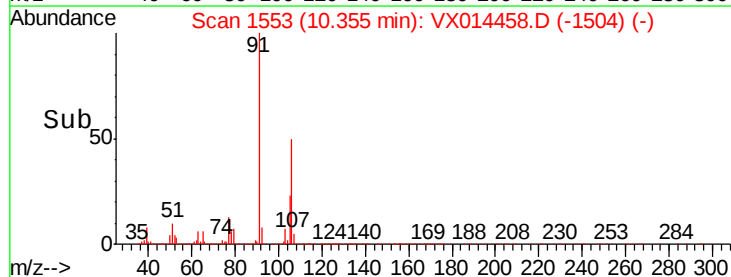
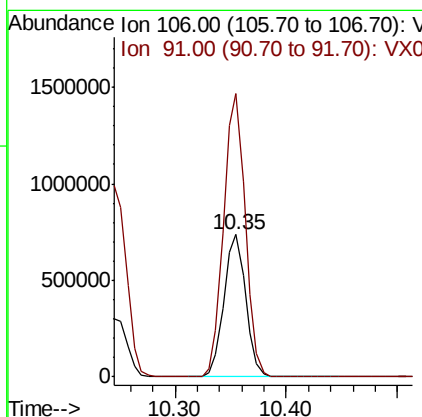
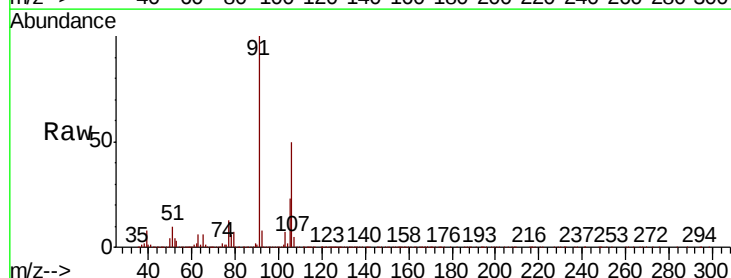
Instrument :
MSVOA_X
ClientSampleId :

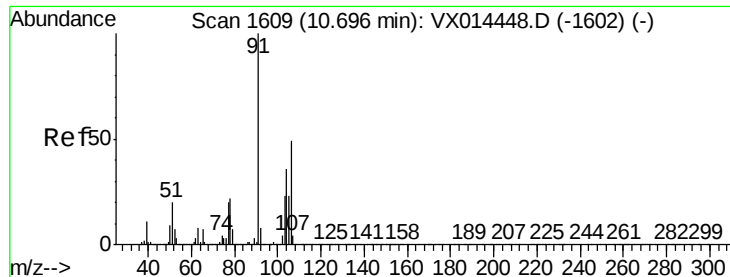
Tot Ion: 91 Resp: 1294860
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 94.999 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 106 Resp: 992788
Ion Ratio Lower Upper
106 100
91 198.9 157.4 236.0

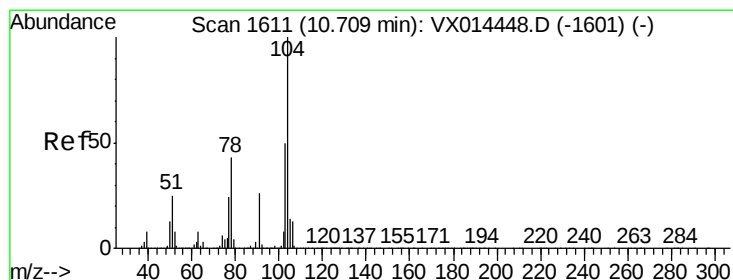
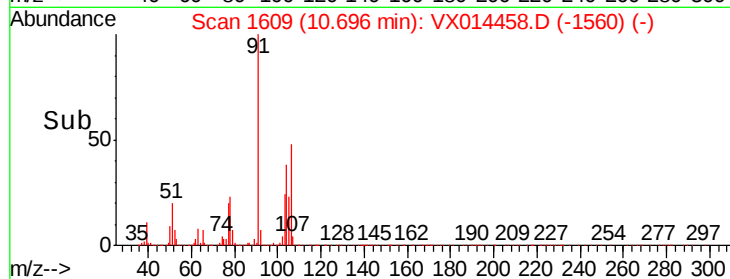
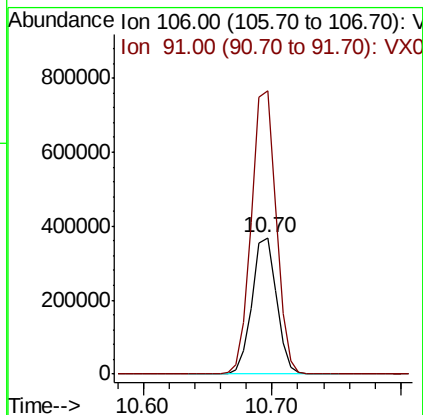
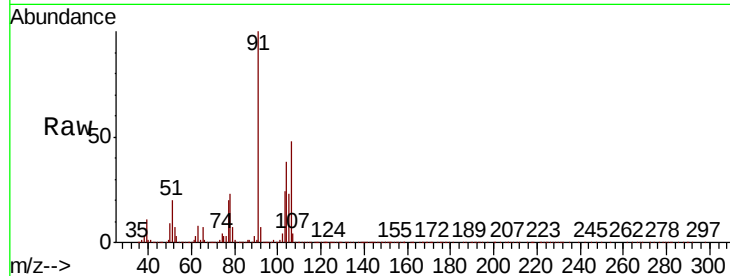




#69
o-Xylene
Concen: 48.055 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

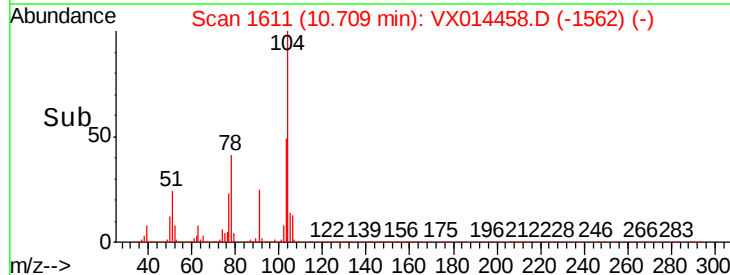
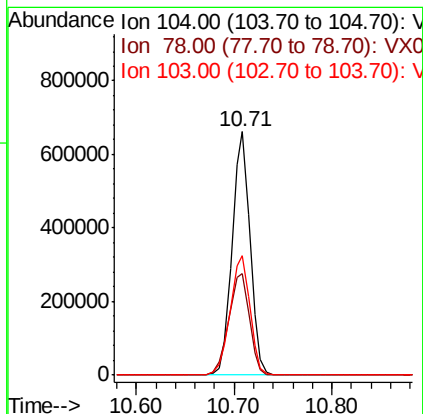
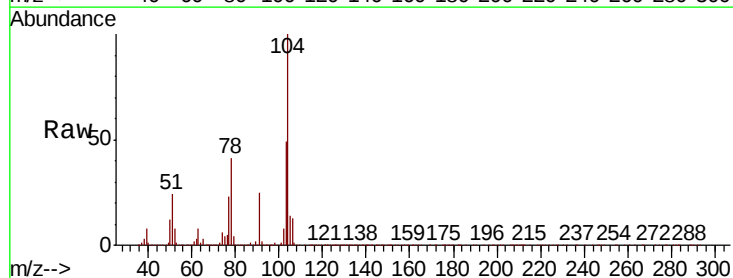
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 479162
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1



#70
Styrene
Concen: 48.911 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion:104 Resp: 841643
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.2 43.7 65.5





#71

Bromoform

Concen: 49.307 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

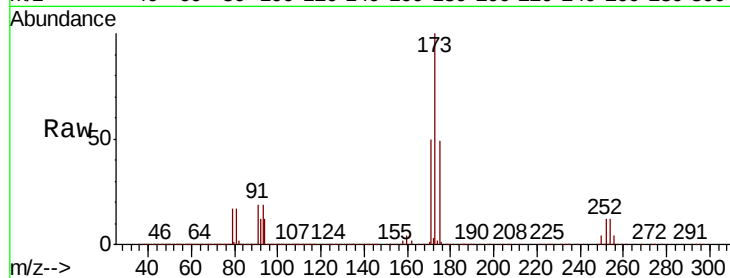
Tot Ion:173 Resp: 228802

Ion Ratio Lower Upper

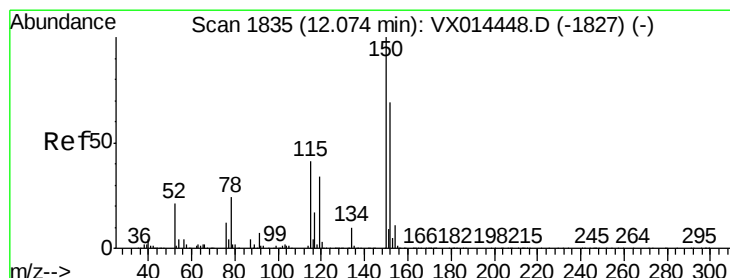
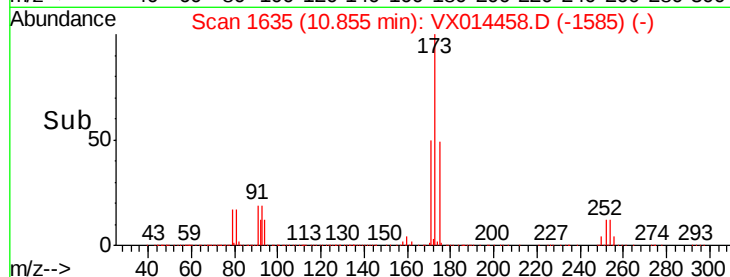
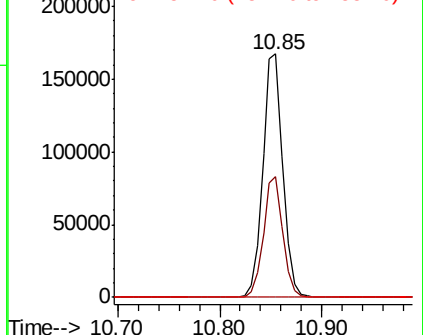
173 100

175 48.2 24.3 72.8

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

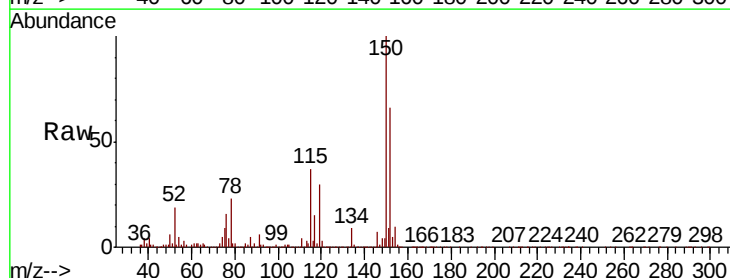
Tgt Ion:152 Resp: 391449

Ion Ratio Lower Upper

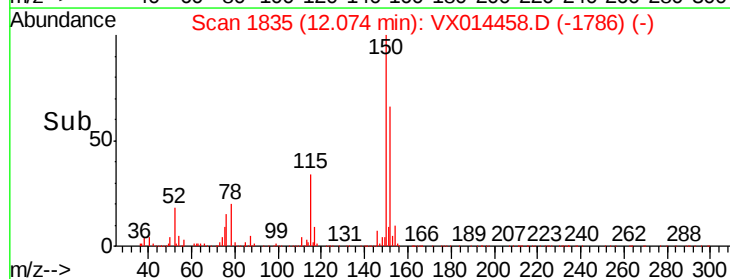
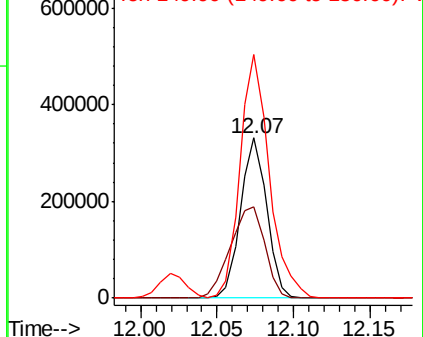
152 100

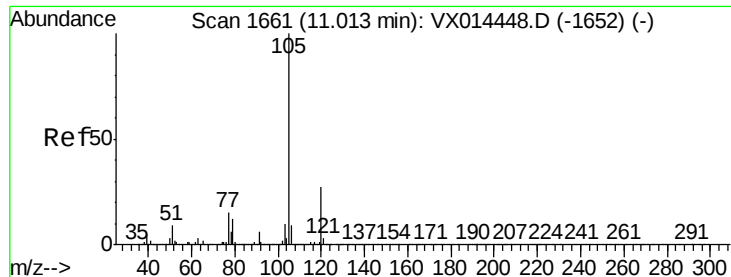
115 75.1 39.5 118.3

150 170.2 0.0 350.2



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





#73

Isopropylbenzene

Concen: 46.255 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

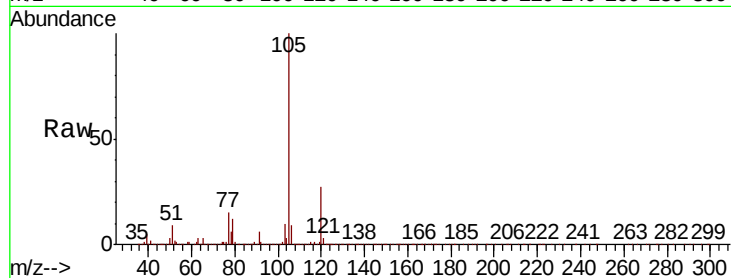
ClientSampled :

Tot Ion:105 Resp: 1271479

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

1200000 Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

200000

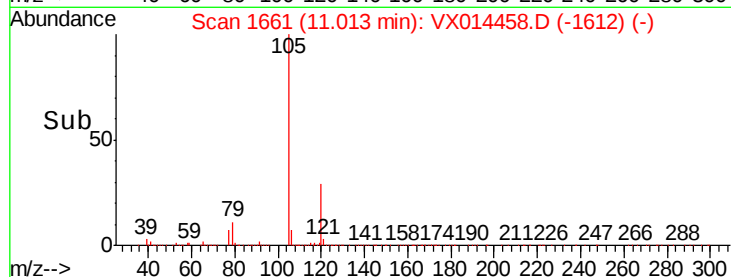
0

11.01

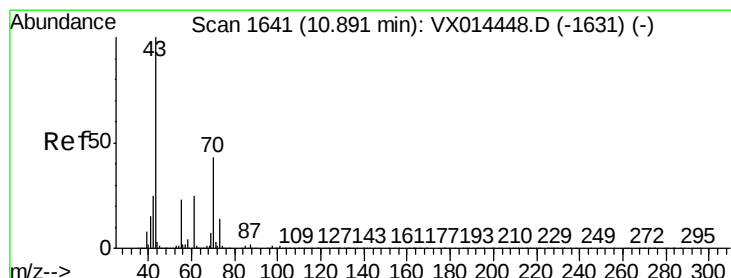
10.95

11.00

11.05



Time-->



#74

N-ethyl acetate

Concen: 47.045 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion: 43 Resp: 570534

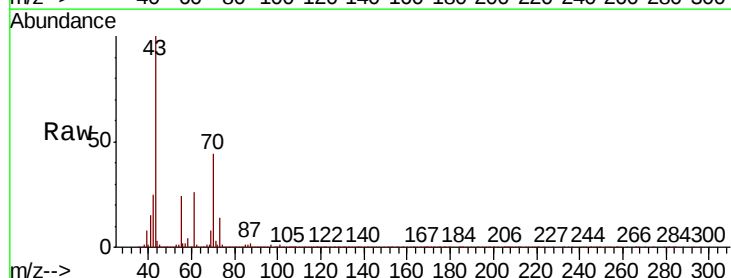
Ion Ratio Lower Upper

43 100

70 44.0 35.1 52.7

55 24.0 19.3 28.9

61 25.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

800000 Ion 70.00 (69.70 to 70.70): VX0

600000 Ion 55.00 (54.70 to 55.70): VX0

400000 Ion 61.00 (60.70 to 61.70): VX0

200000

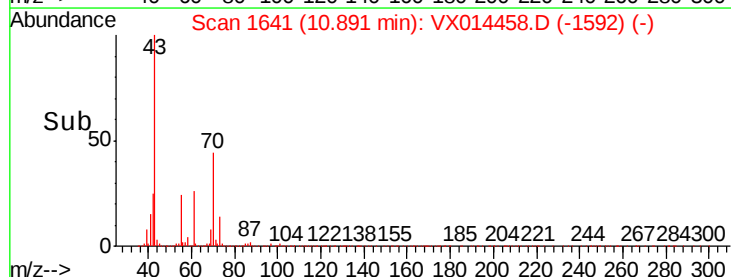
0

10.89

10.80

10.90

11.00



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 44.068 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

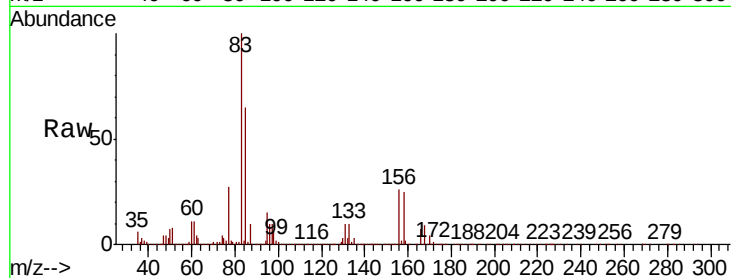
Tot Ion: 83 Resp: 388475

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

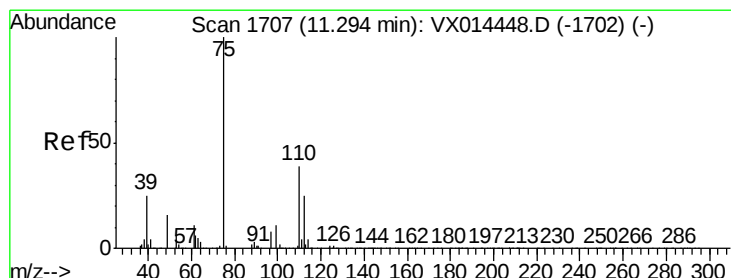
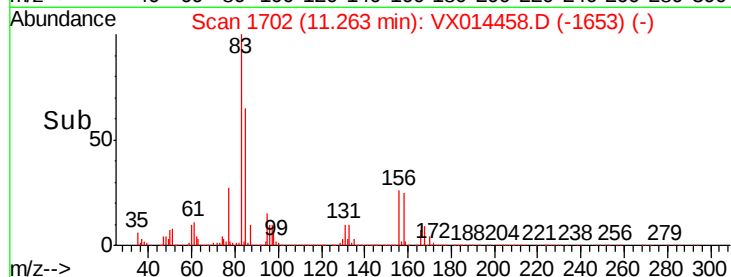
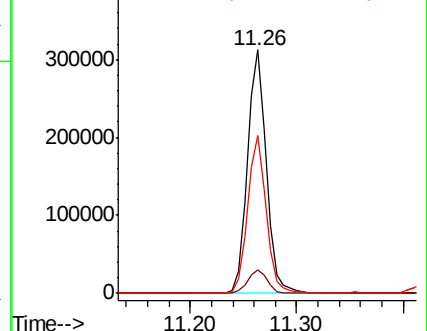
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.658 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014458.D

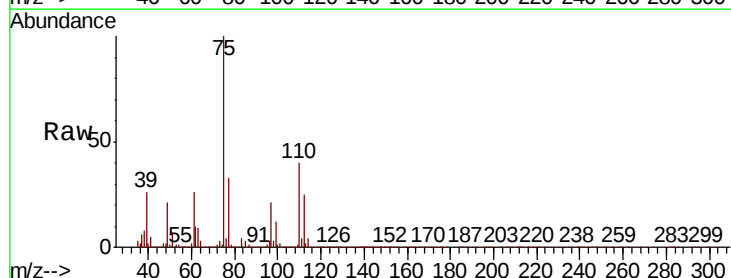
Acq: 07 Jan 2020 20:50

Tgt Ion: 75 Resp: 491283

Ion Ratio Lower Upper

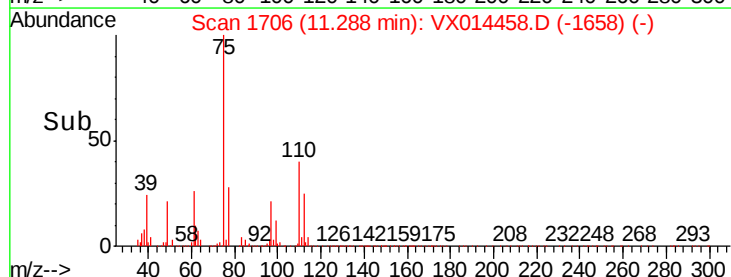
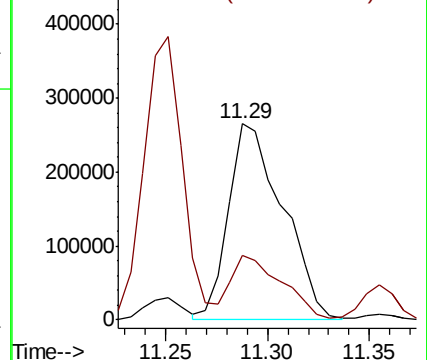
75 100

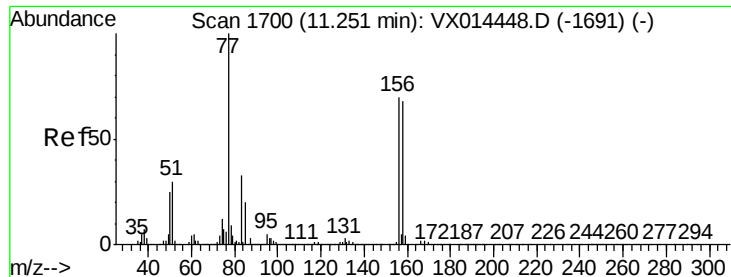
77 30.6 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.615 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

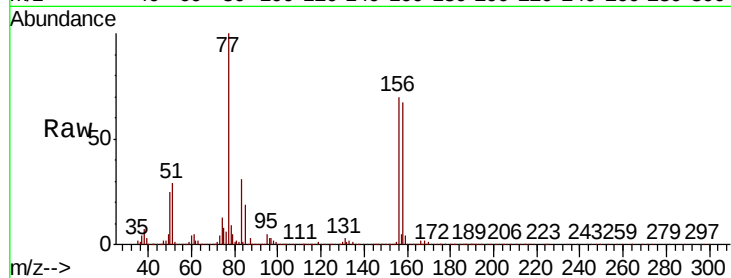
Tot Ion:156 Resp: 340099

Ion Ratio Lower Upper

156 100

77 148.7 75.4 226.3

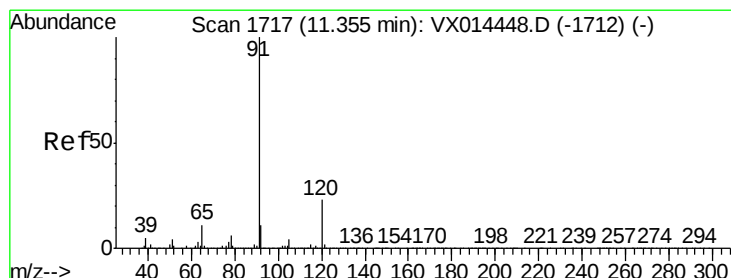
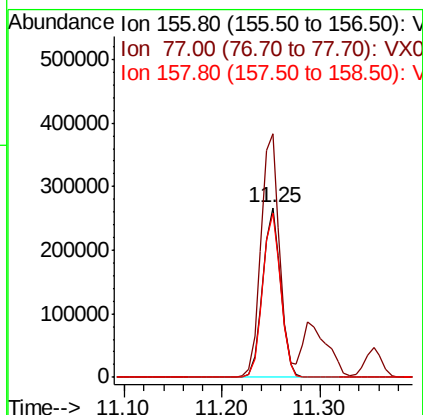
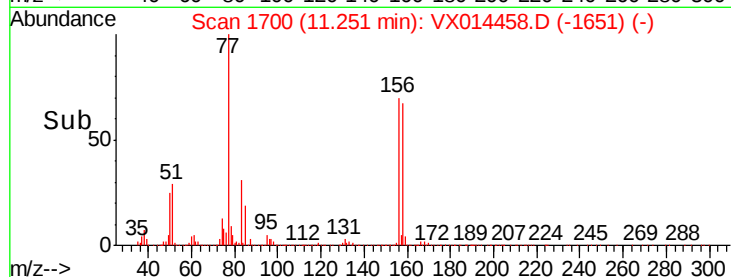
158 97.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.537 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014458.D

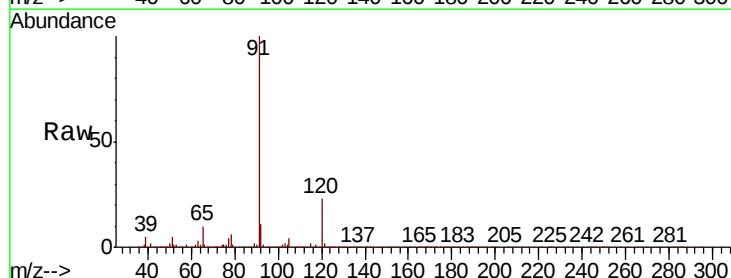
Acq: 07 Jan 2020 20:50

Tgt Ion: 91 Resp: 1465028

Ion Ratio Lower Upper

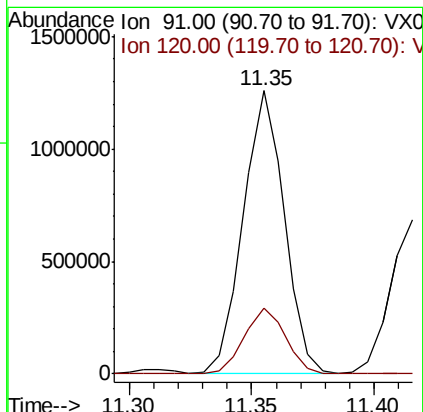
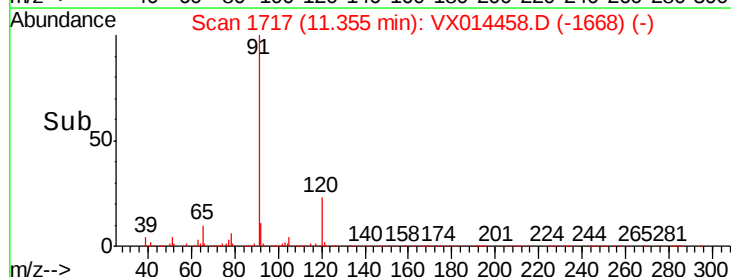
91 100

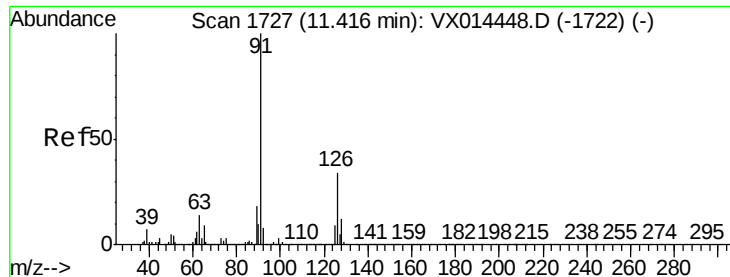
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.190 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

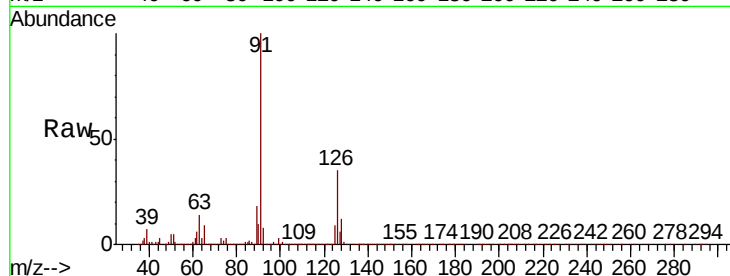
ClientSampleId :

Tot Ion: 91 Resp: 847858

Ion Ratio Lower Upper

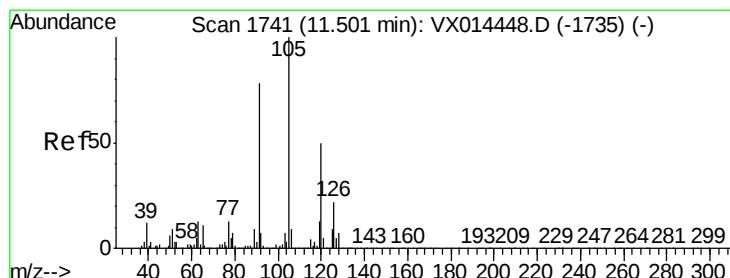
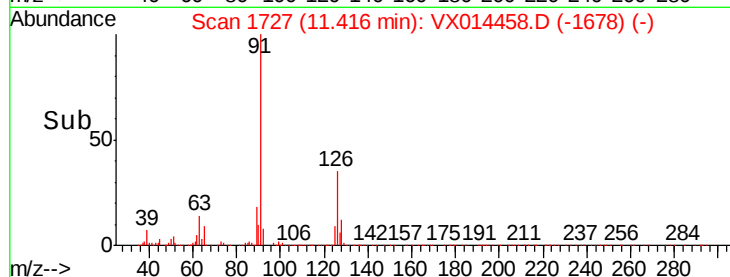
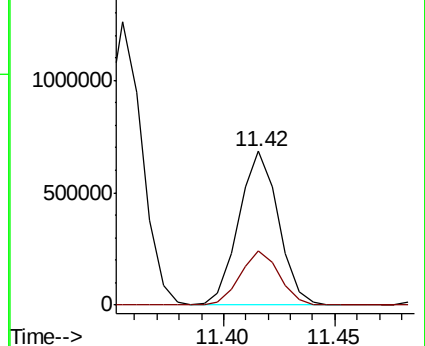
91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.664 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014458.D

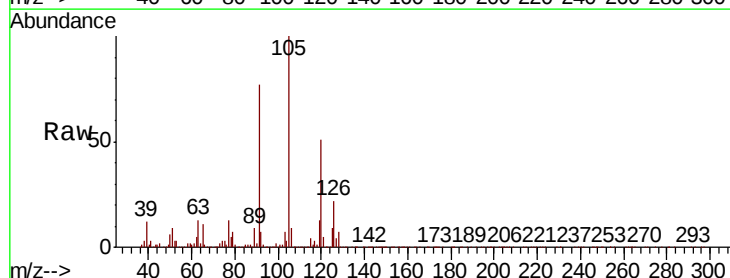
Acq: 07 Jan 2020 20:50

Tgt Ion:105 Resp: 1064949

Ion Ratio Lower Upper

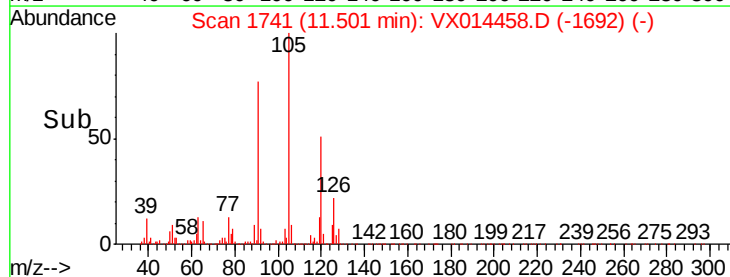
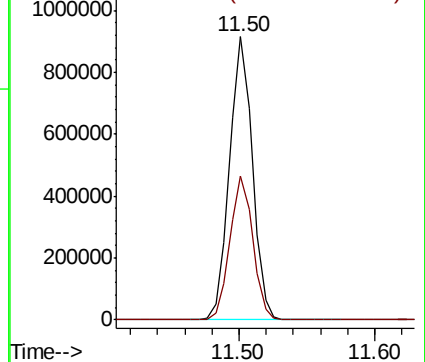
105 100

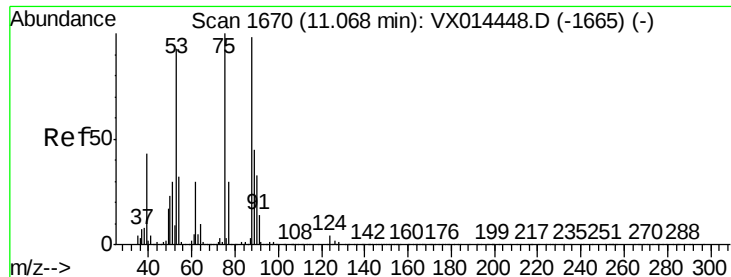
120 50.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.744 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

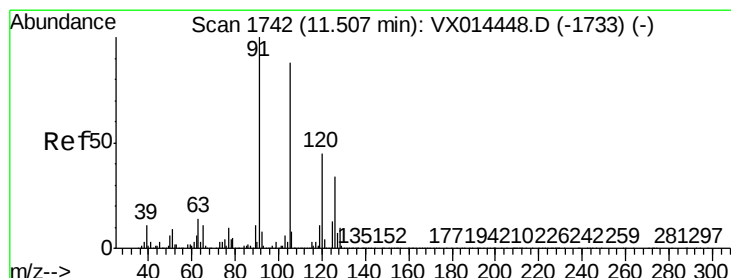
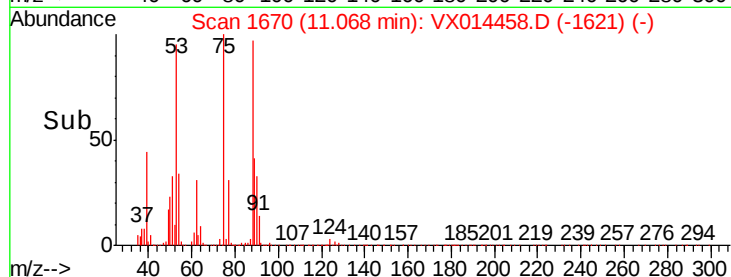
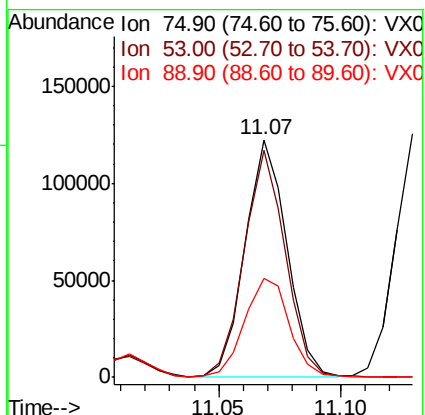
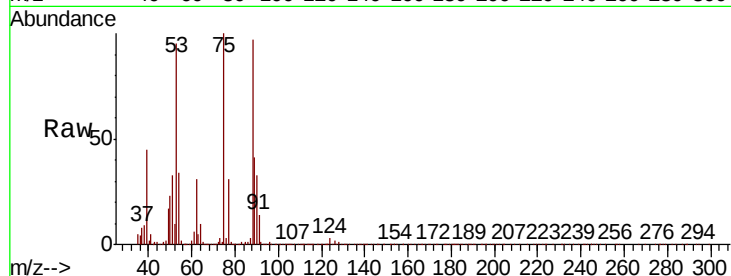
Tot Ion: 75 Resp: 146261

Ion Ratio Lower Upper

75 100

53 93.4 74.8 112.2

89 44.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 45.223 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014458.D

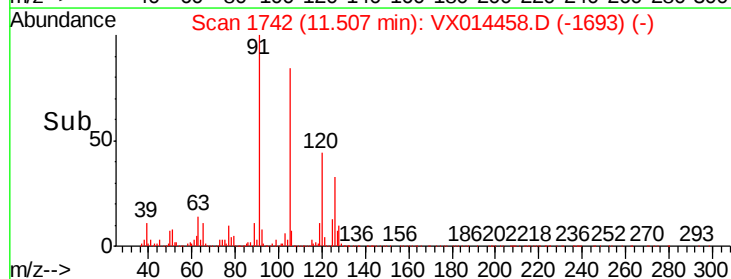
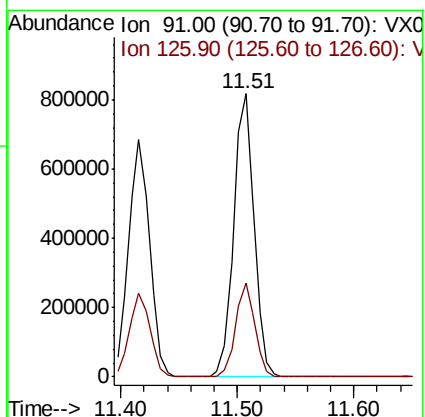
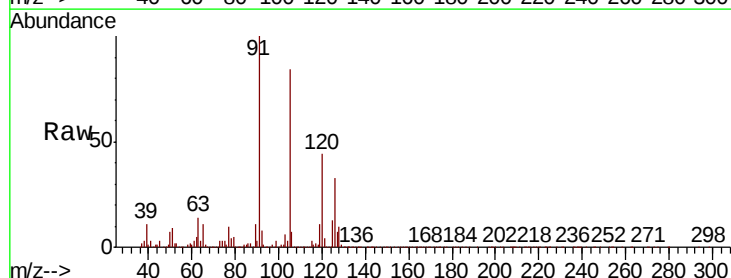
Acq: 07 Jan 2020 20:50

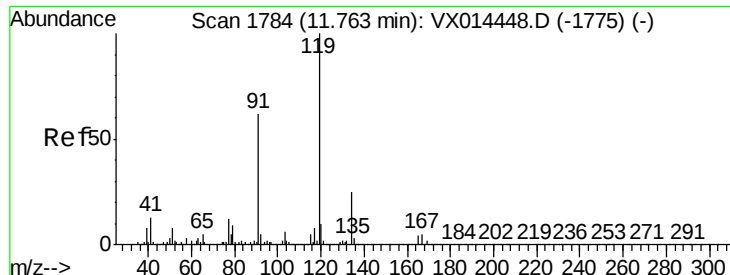
Tgt Ion: 91 Resp: 995969

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7

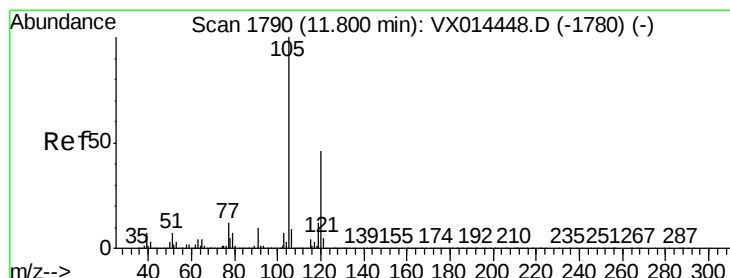
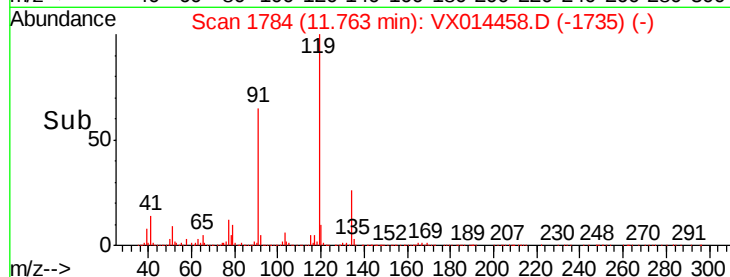
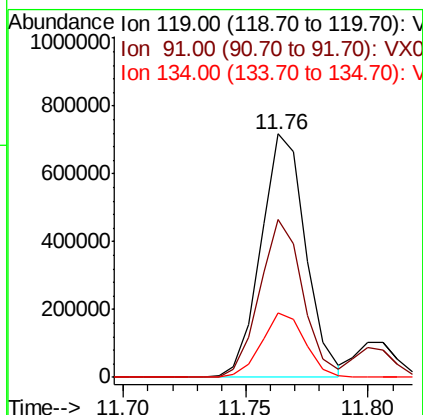
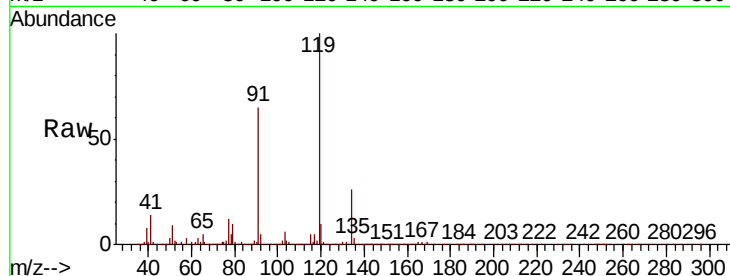




#83
tert-Butylbenzene
Concen: 42.593 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

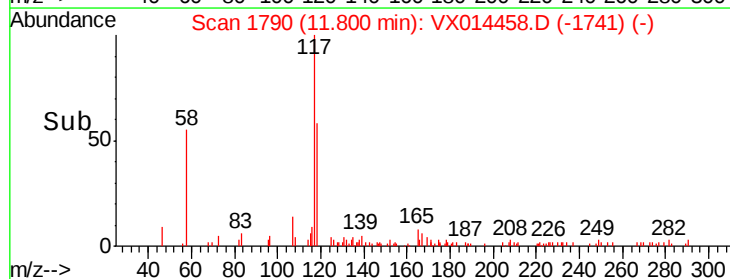
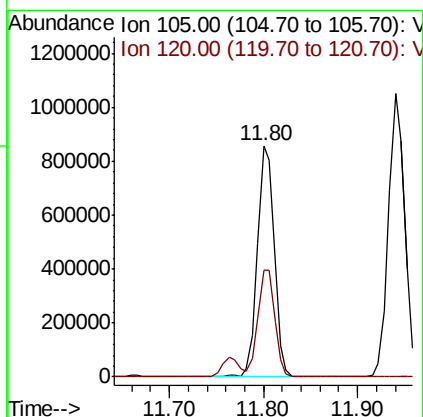
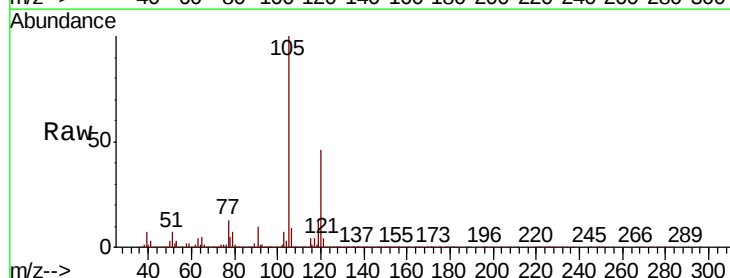
Instrument :
MSVOA_X
ClientSampleId :

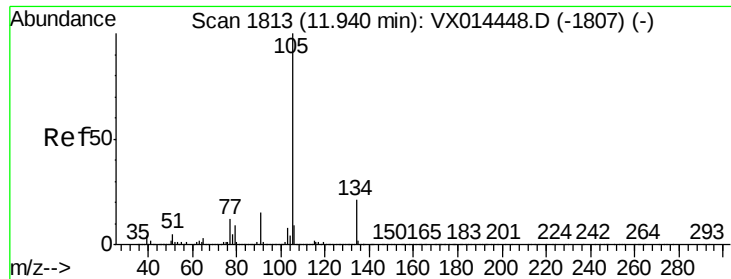
Tot Ion:119 Resp: 918443
Ion Ratio Lower Upper
119 100
91 62.8 29.3 88.0
134 25.8 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 46.320 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion:105 Resp: 1068160
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 46.939 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

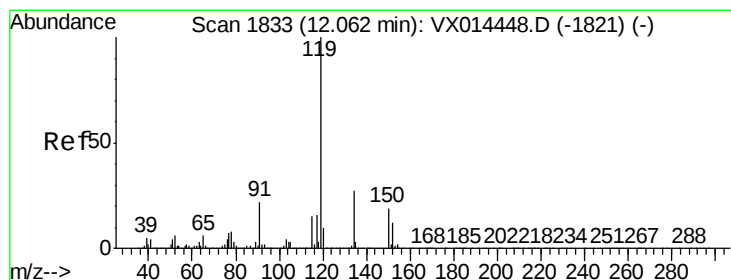
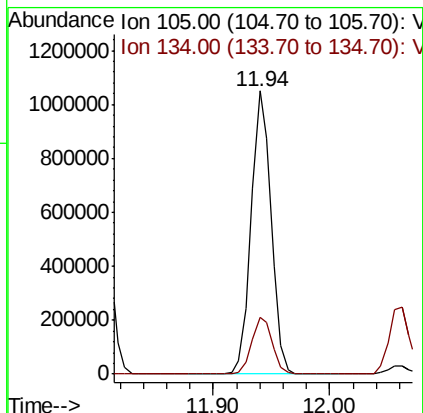
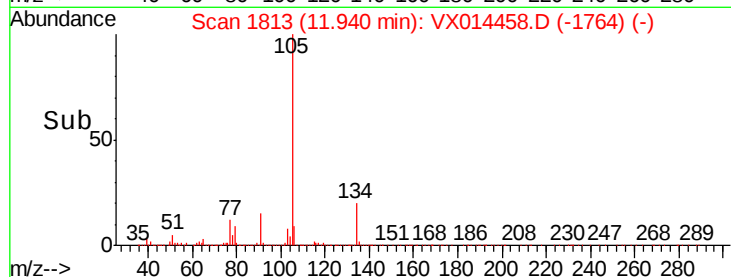
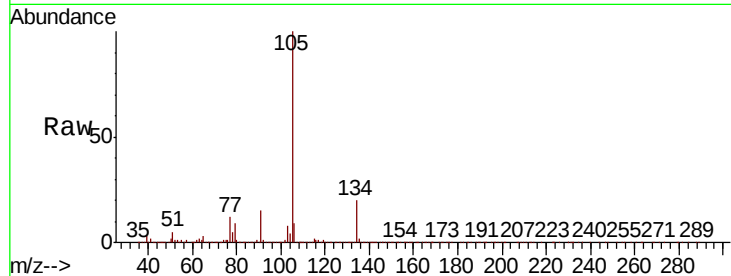
ClientSampleId :

Tot Ion:105 Resp: 1258257

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 46.184 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

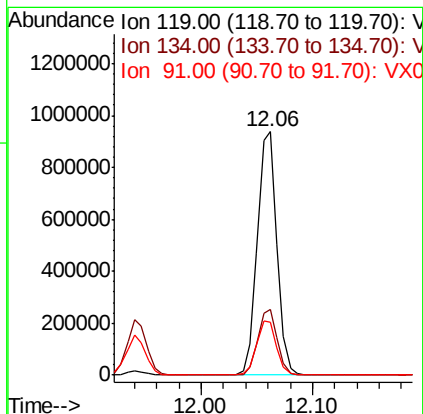
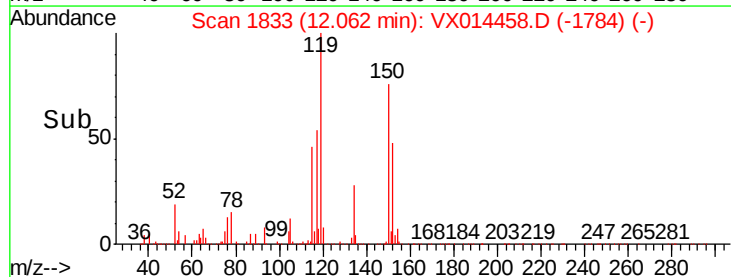
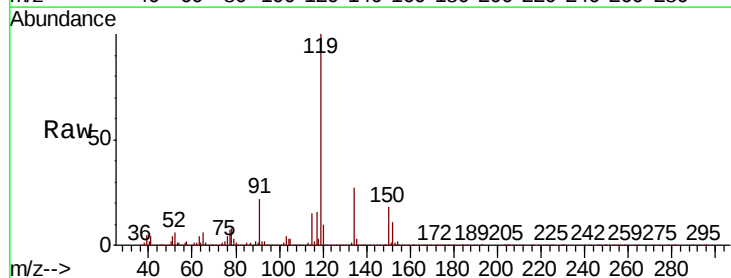
Tgt Ion:119 Resp: 1148830

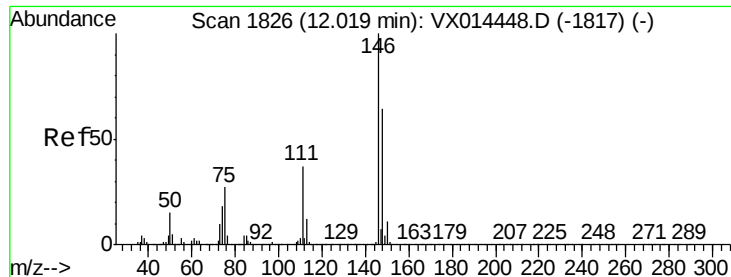
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 44.509 ug/l

RT: 12.02 min Scan# 1826

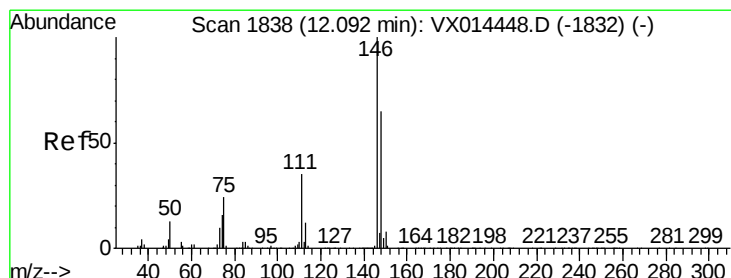
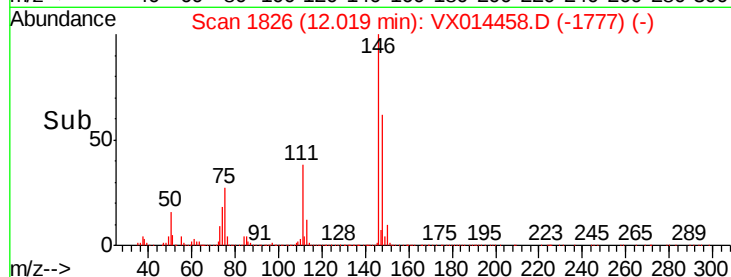
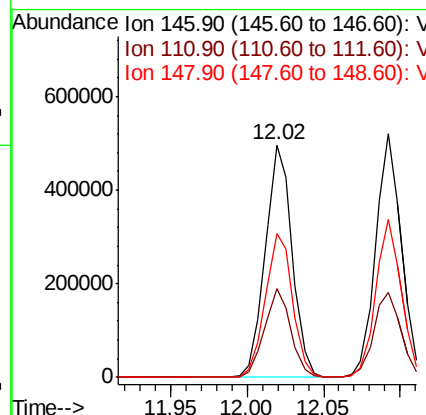
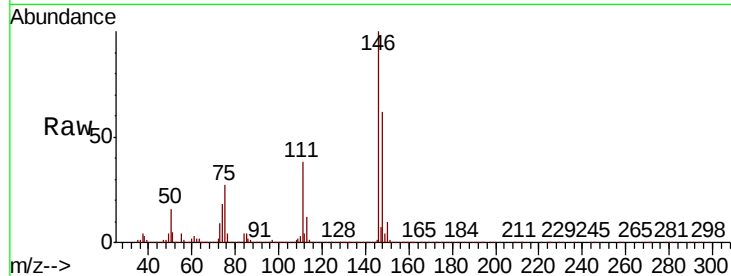
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	63.0	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 47.164 ug/l

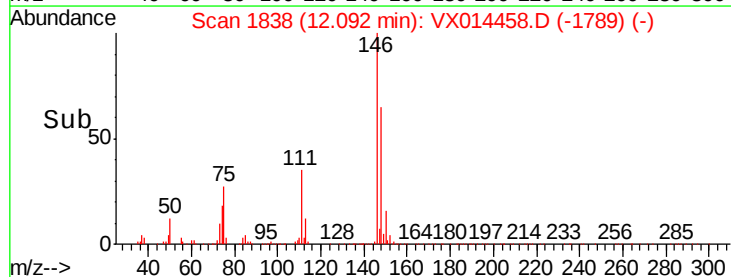
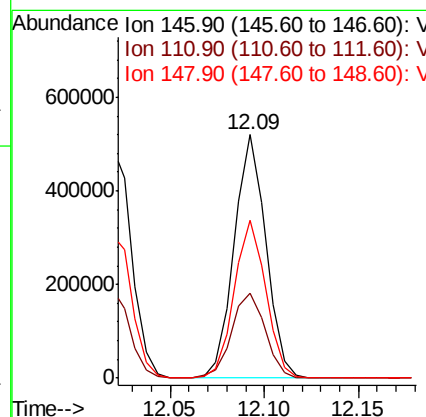
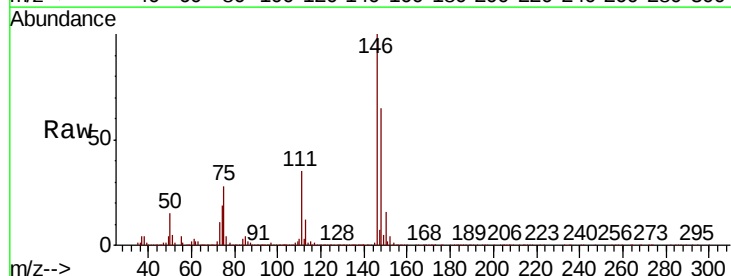
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.7	32.1	96.3





#89

n-Butylbenzene

Concen: 45.184 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

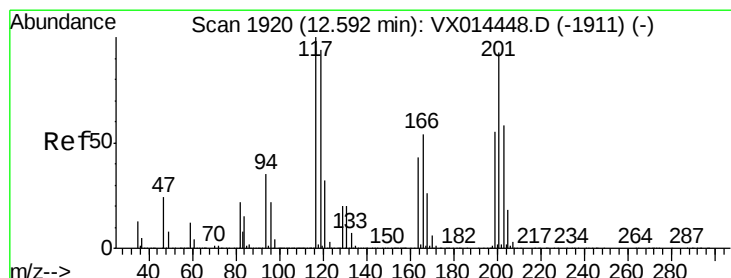
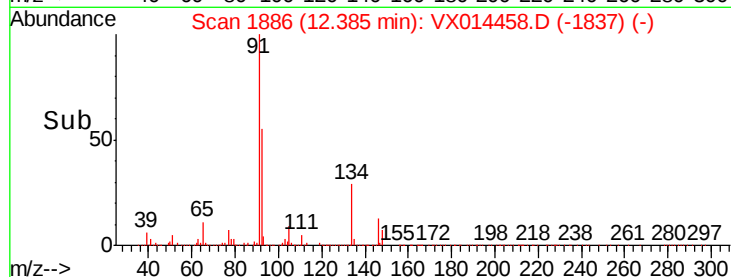
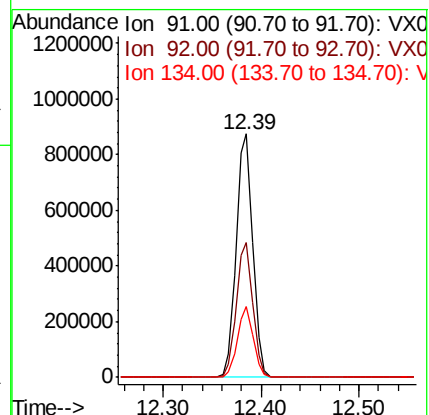
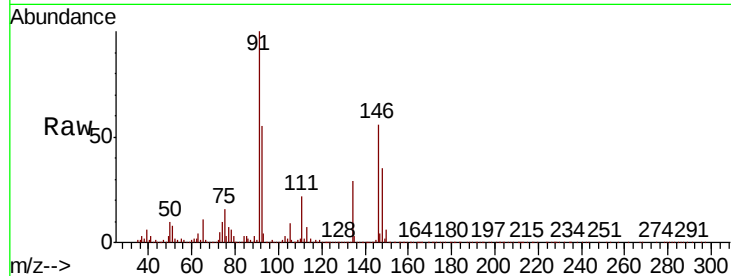
Tot Ion: 91 Resp: 1027660

Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	27.8	13.9	41.7

91 100

92 54.8 27.4 82.2

134 27.8 13.9 41.7



#90

Hexachloroethane

Concen: 45.592 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014458.D

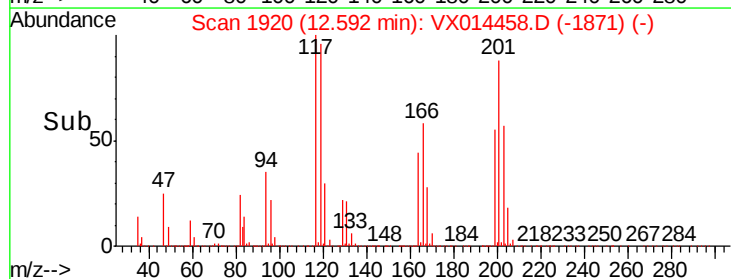
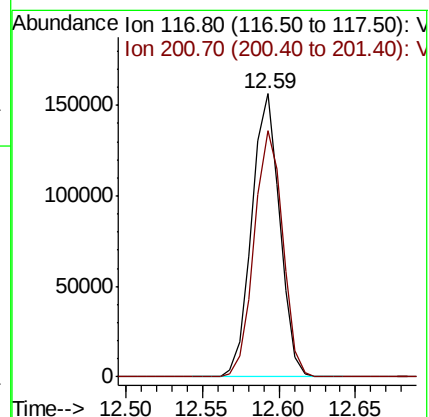
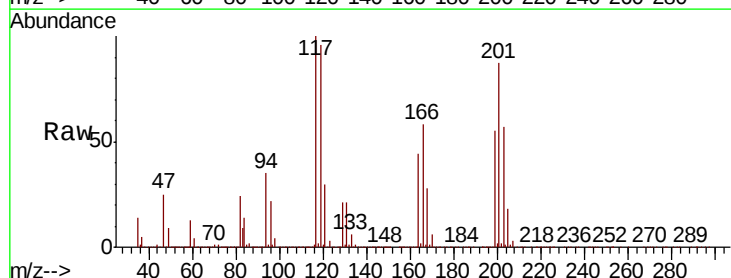
Acq: 07 Jan 2020 20:50

Tgt Ion: 117 Resp: 199211

Ion	Ratio	Lower	Upper
117	100		
201	88.9	44.8	134.3

117 100

201 88.9 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 44.468 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

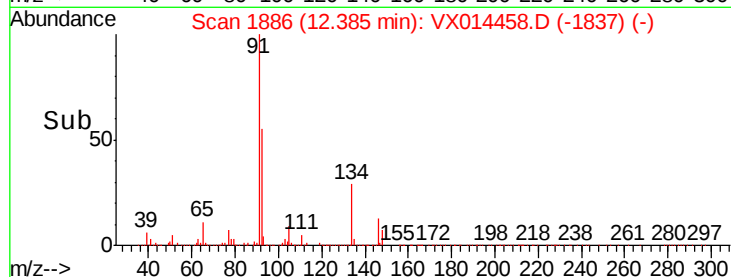
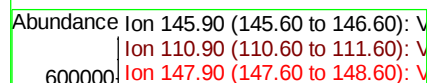
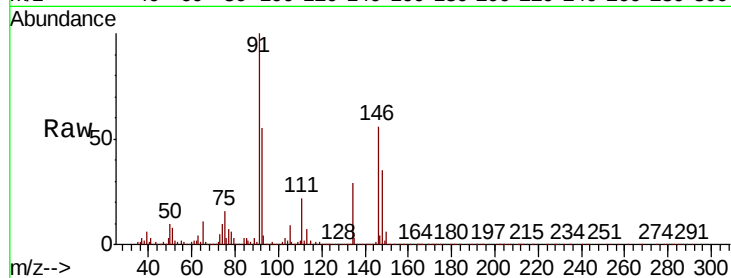
Tot Ion:146 Resp: 596039

Ion Ratio Lower Upper

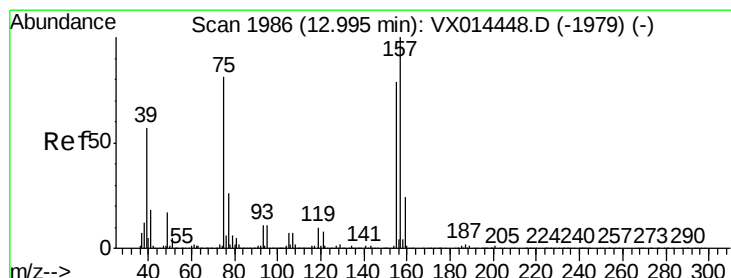
146 100

111 39.4 19.8 59.4

148 64.3 32.3 96.8



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.018 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

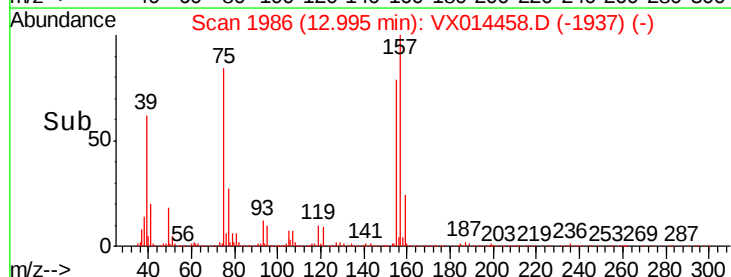
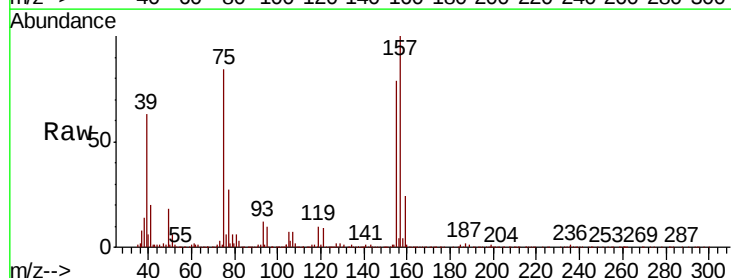
Tgt Ion: 75 Resp: 93233

Ion Ratio Lower Upper

75 100

155 97.9 48.7 146.1

157 124.1 62.0 185.9



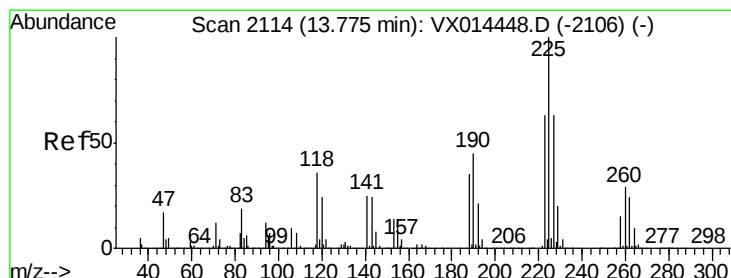
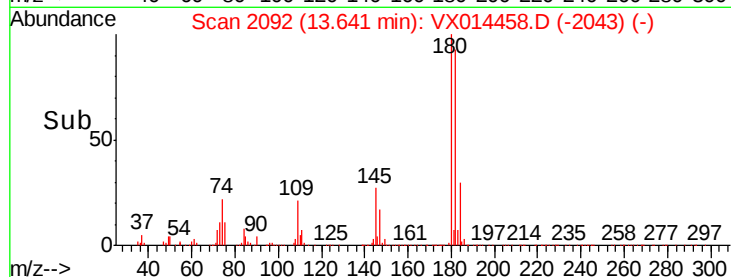
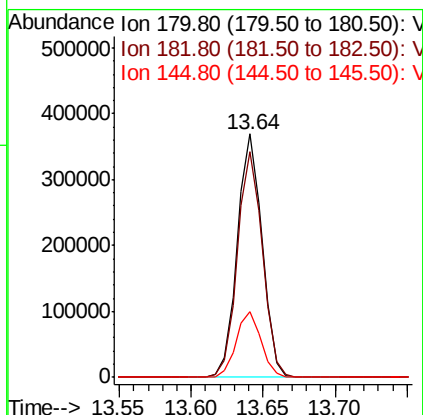
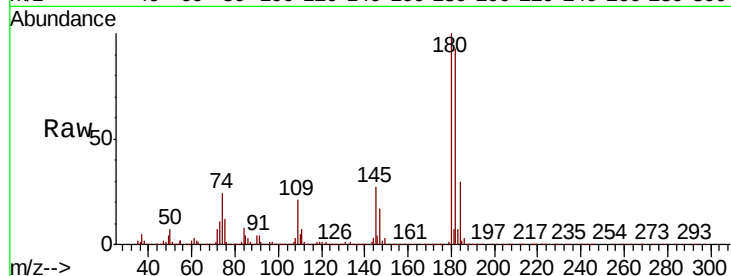
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 47.063 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

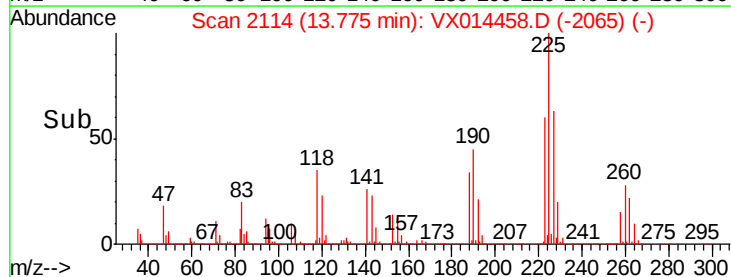
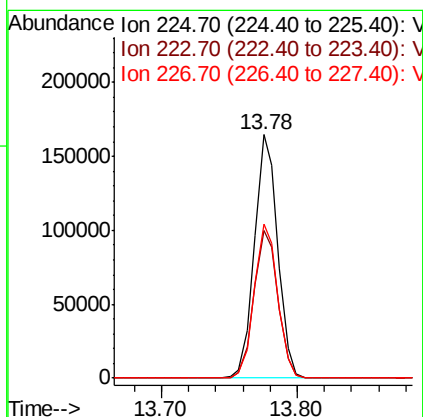
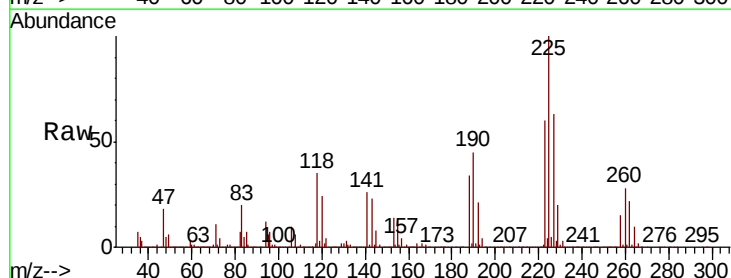
Instrument :
 MSVOA_X
 ClientSampleId :

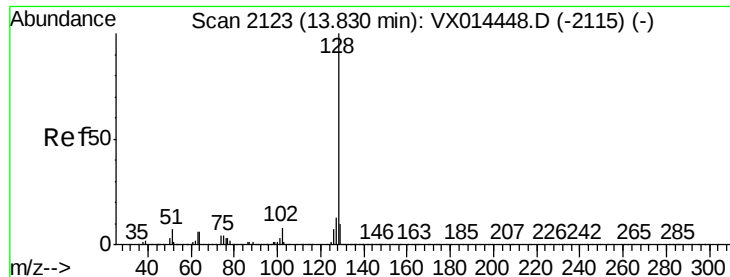
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.5
145	27.3	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 45.070 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.1	93.2
227	63.7	31.4	94.2





#95

Naphthalene

Concen: 45.408 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

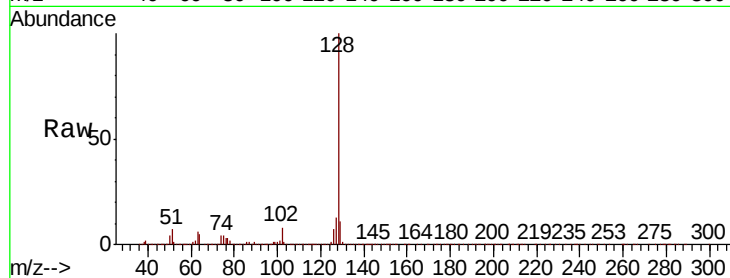
Tot Ion:128 Resp: 1325849

Ion Ratio Lower Upper

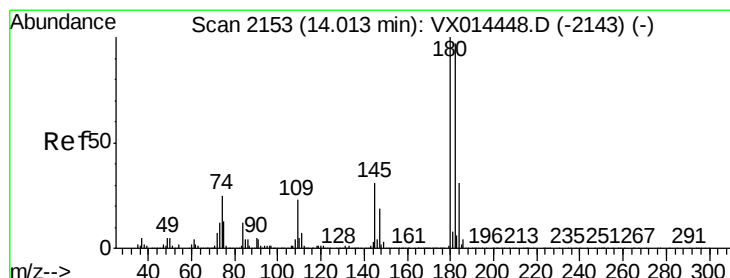
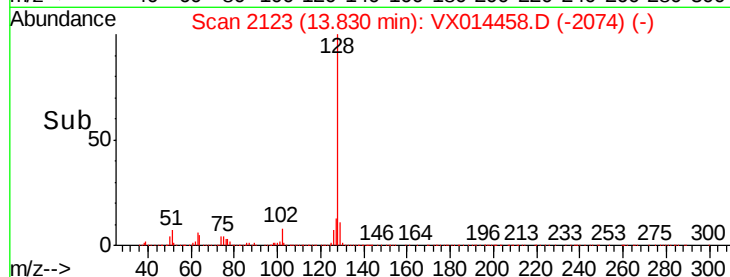
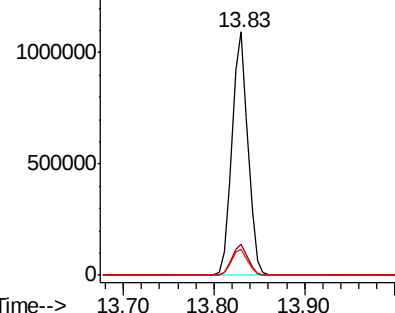
128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.731 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

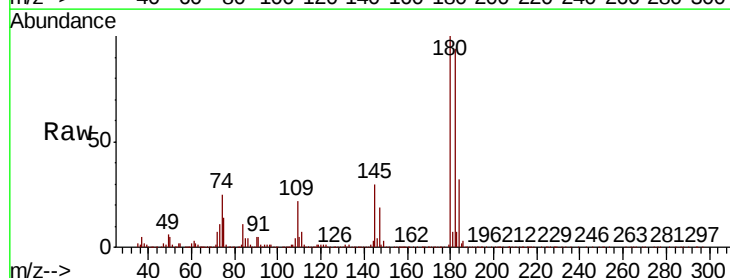
Tgt Ion:180 Resp: 431609

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 29.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

