

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 :
 VSTDCCC050EC

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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 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

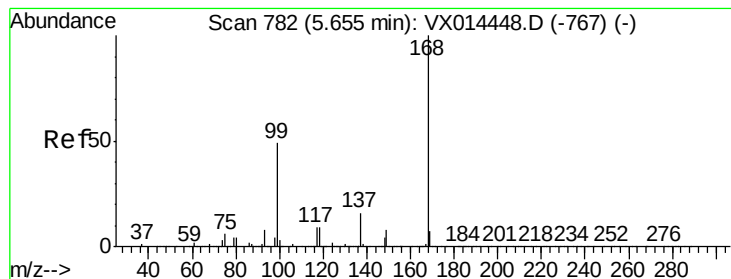
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Response via : Initial Calibration

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 :

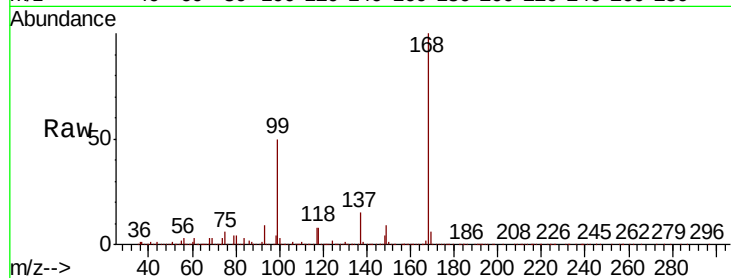
VSTDCCC050EC

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

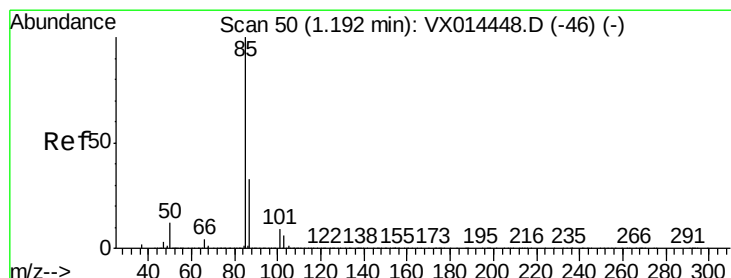
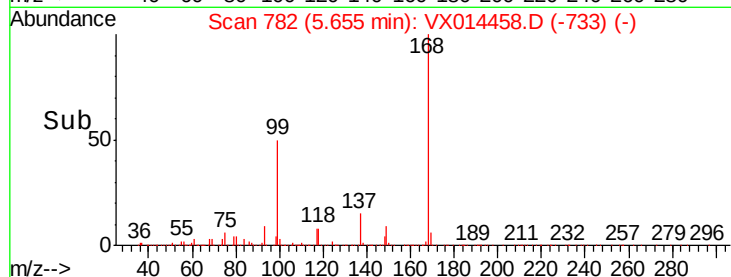
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.426 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014458.D

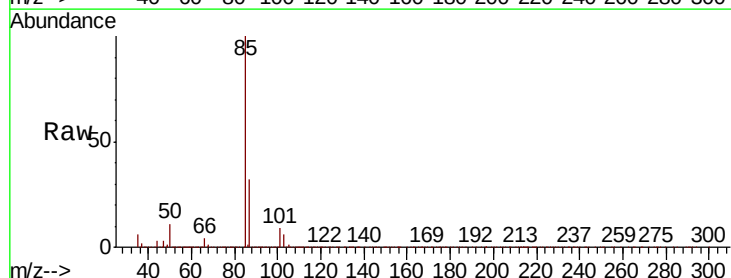
Acq: 07 Jan 2020 20:50

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

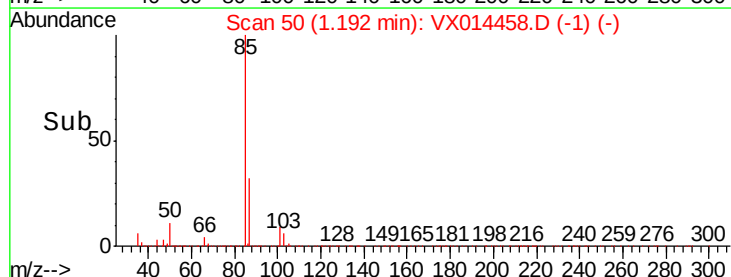
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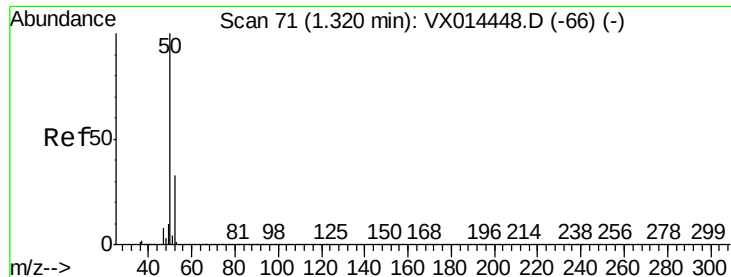
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Time-->

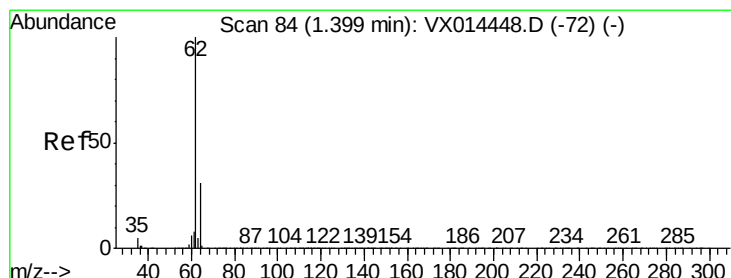
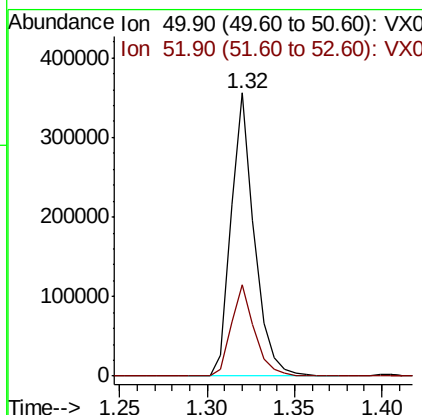
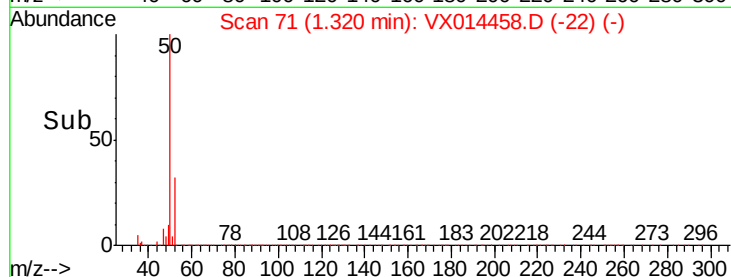
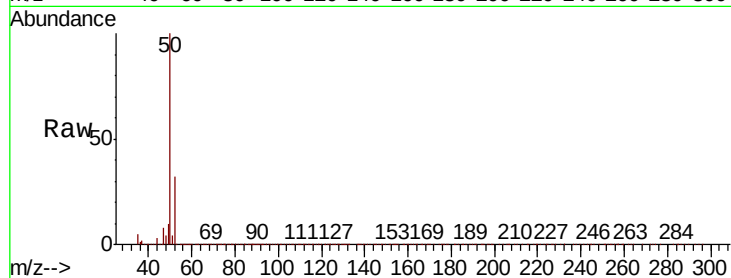




#3
Chloromethane
Concen: 48.963 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

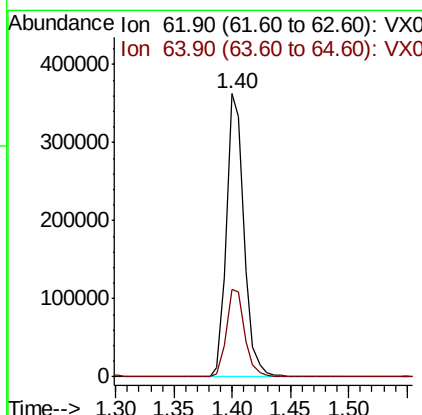
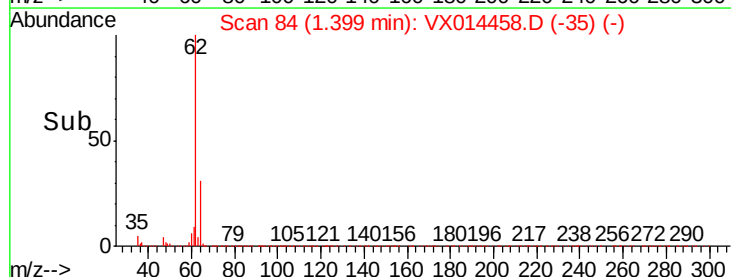
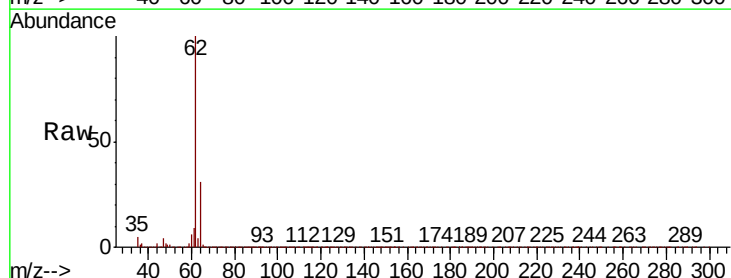
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

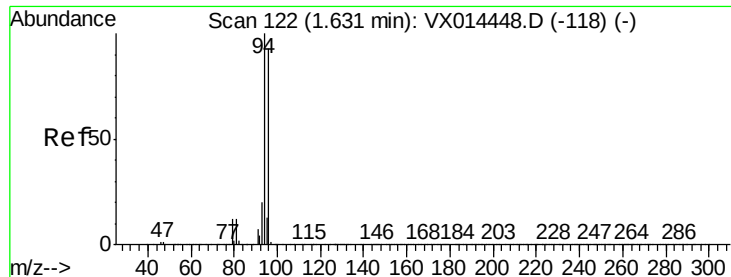
Tot Ion: 50 Resp: 328866
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1



#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 :

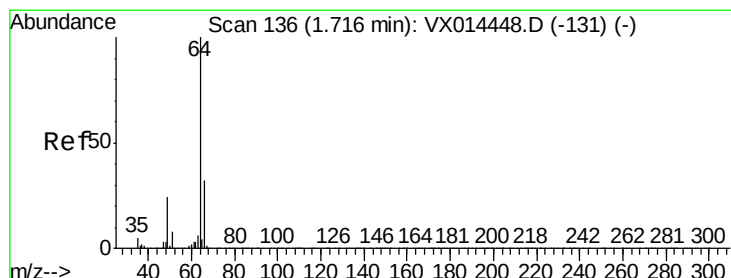
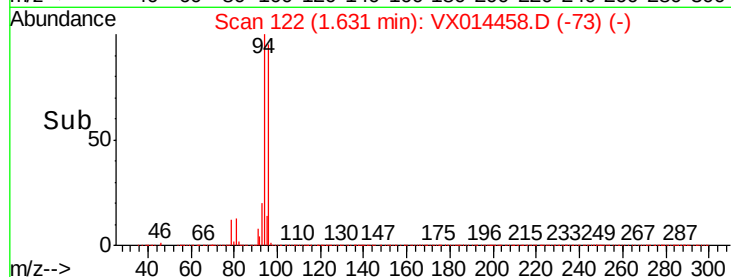
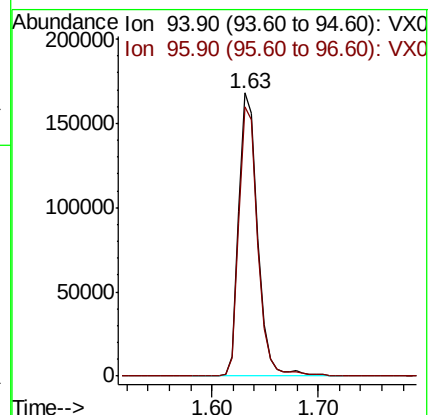
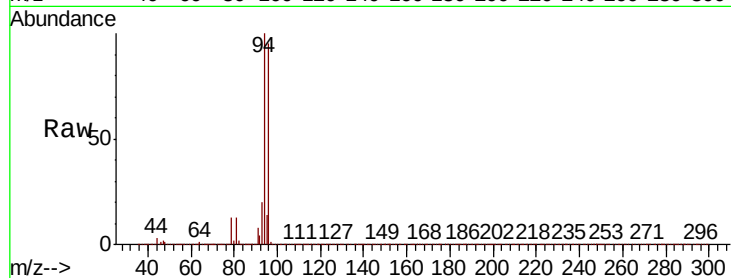
VSTDCCC050EC

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

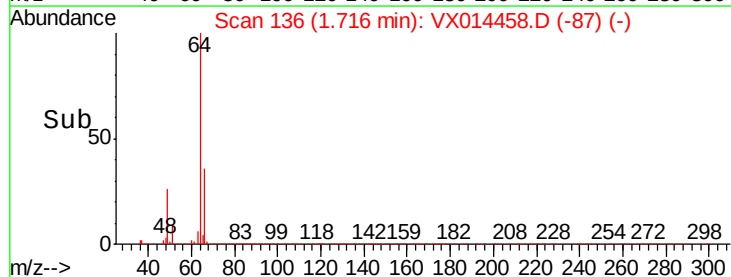
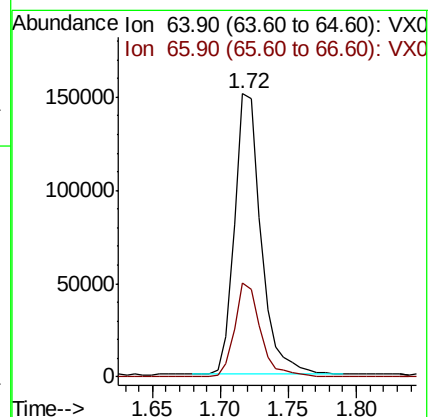
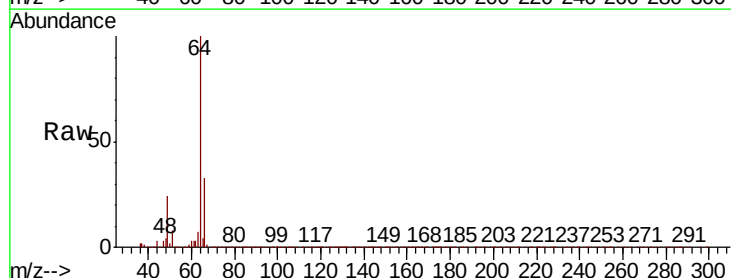
Acq: 07 Jan 2020 20:50

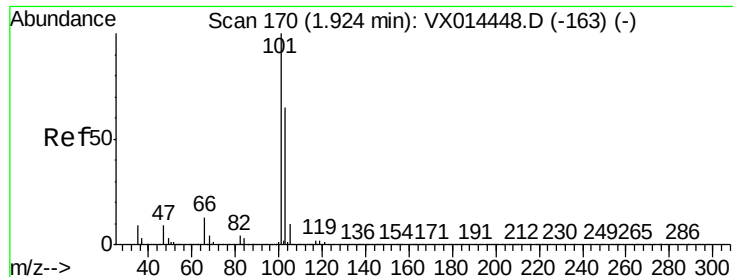
Tgt Ion: 64 Resp: 204192

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9



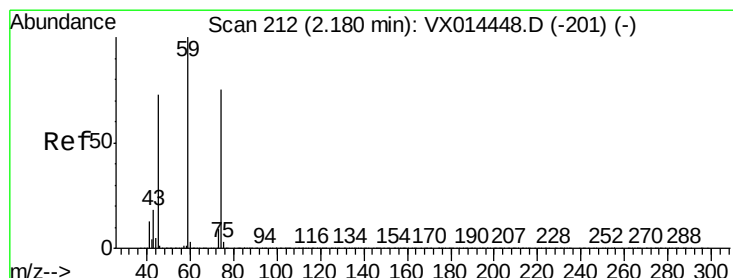
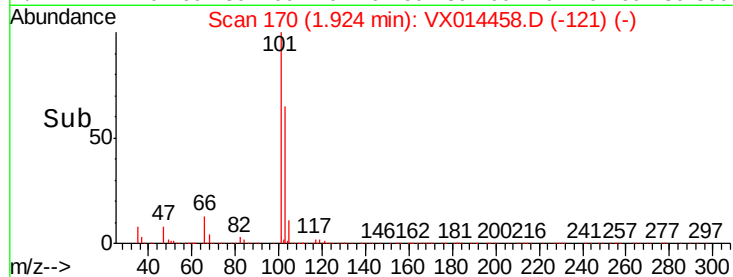
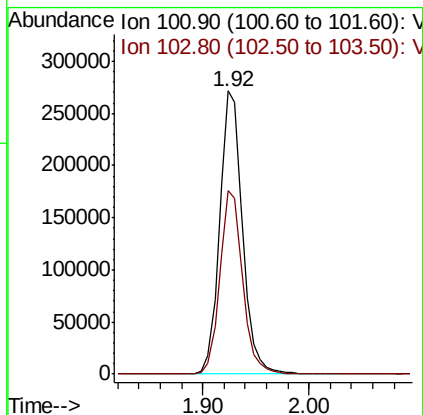
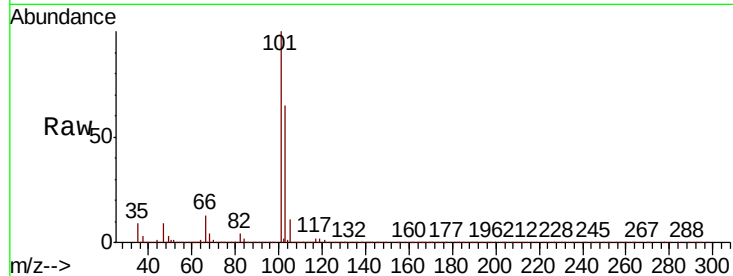


#7

Trichlorofluoromethane
Concen: 47.588 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014458.D
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Instrument :
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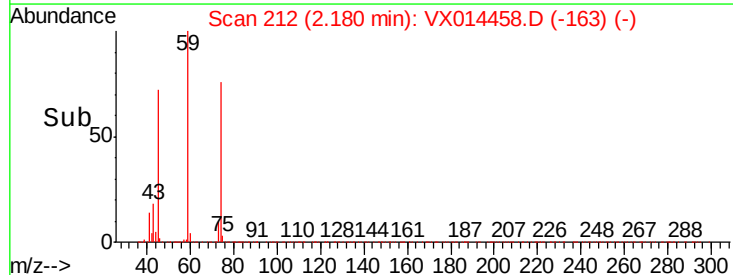
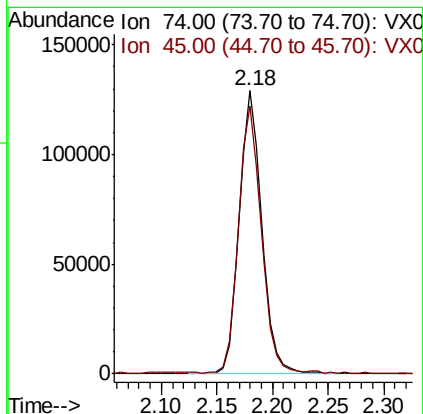
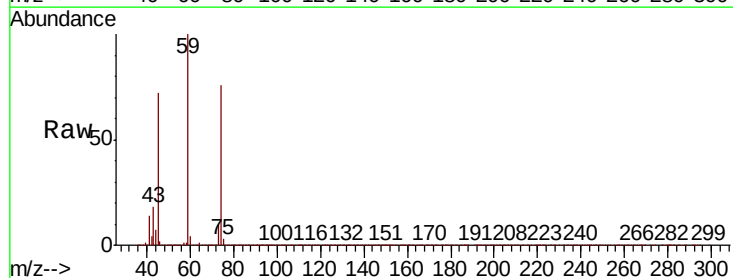
Tot Ion:101 Resp: 404022
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

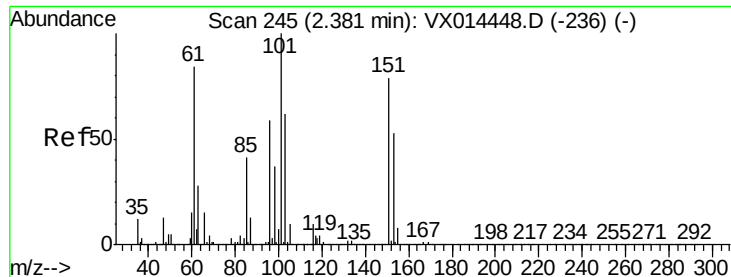


#8

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 :

VSTDCCC050EC

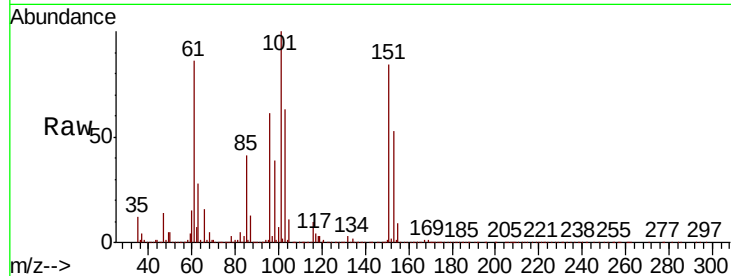
Tot Ion:101 Resp: 235462

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.8

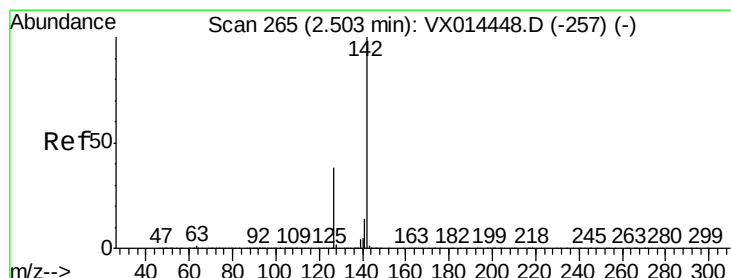
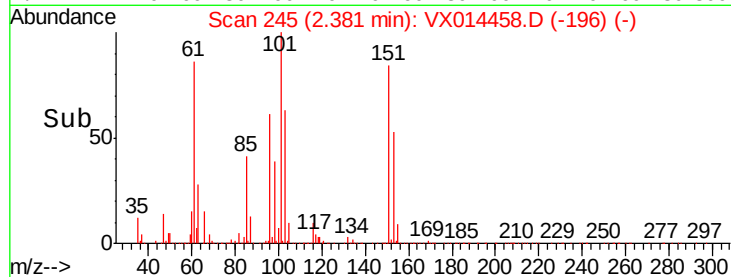
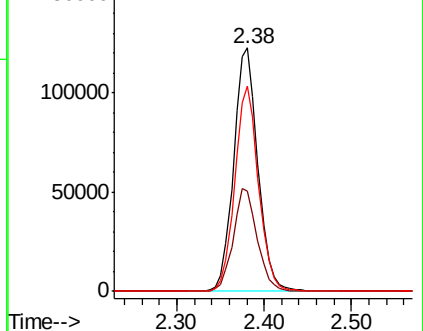
151 83.3 65.3 97.9



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

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

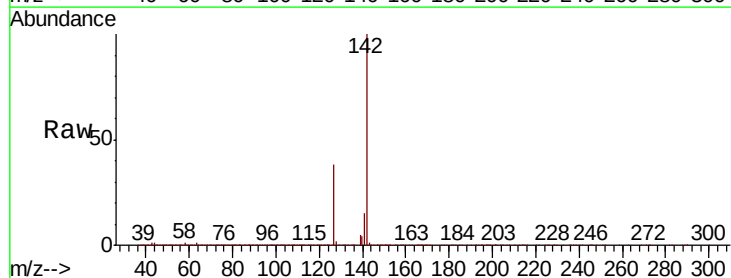
Tgt Ion:142 Resp: 274624

Ion Ratio Lower Upper

142 100

127 38.1 31.2 46.8

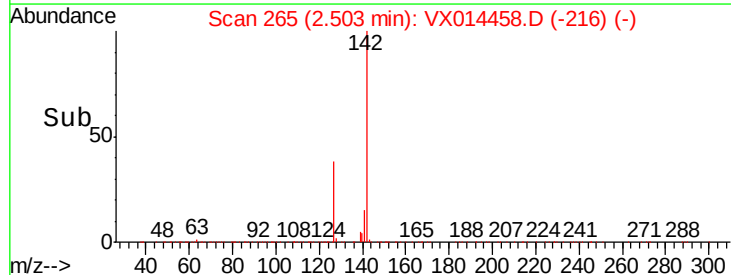
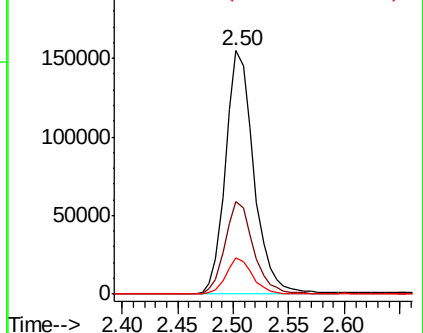
141 14.3 11.4 17.2

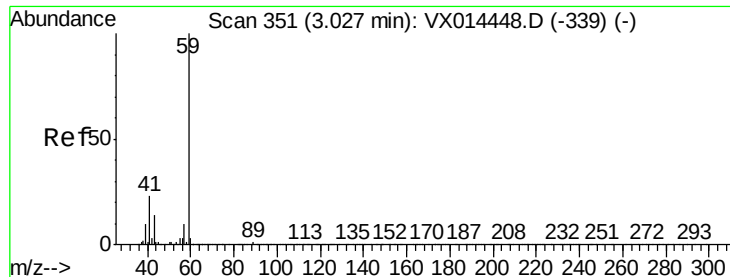


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



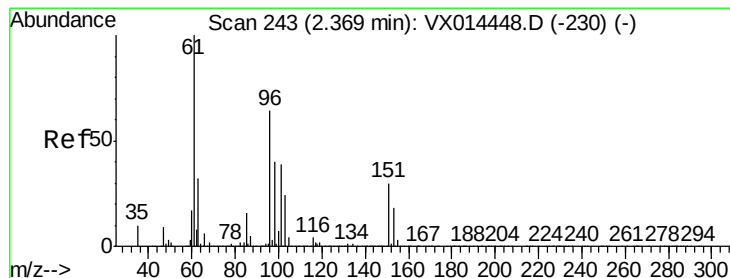
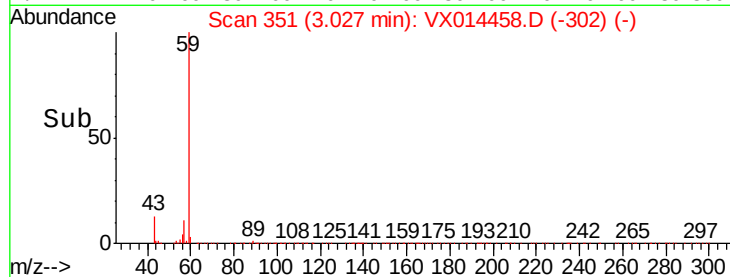
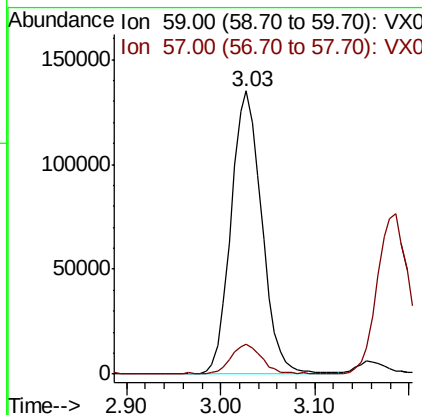
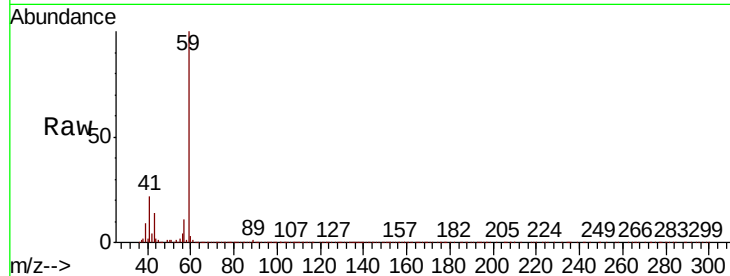


#11

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 :
VSTDCCC050EC

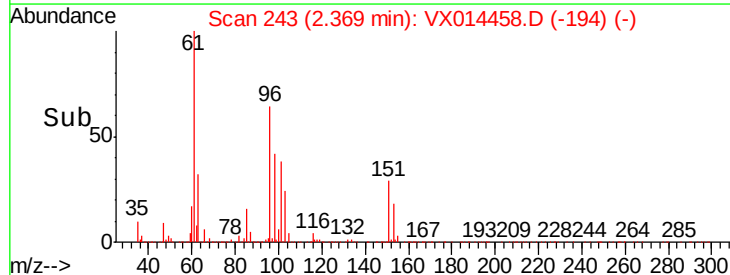
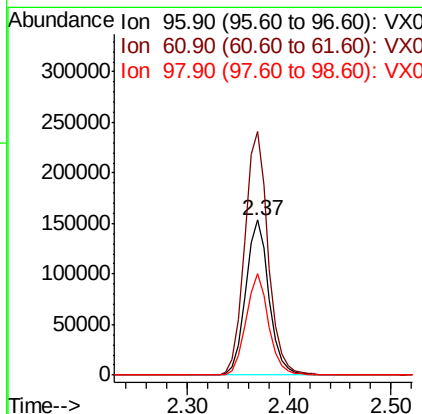
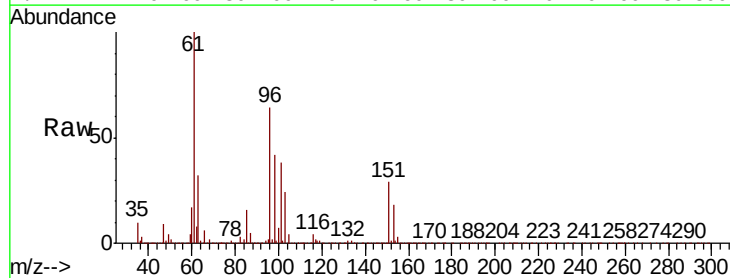
Tot Ion: 59 Resp: 305774
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

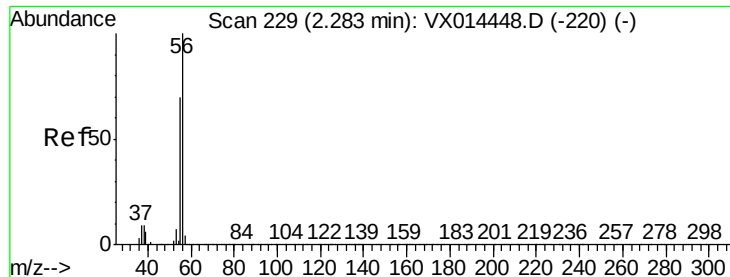


#12

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

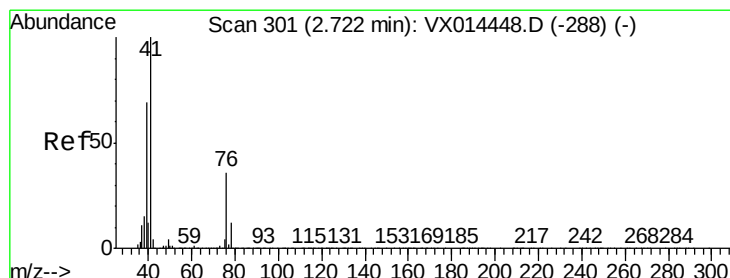
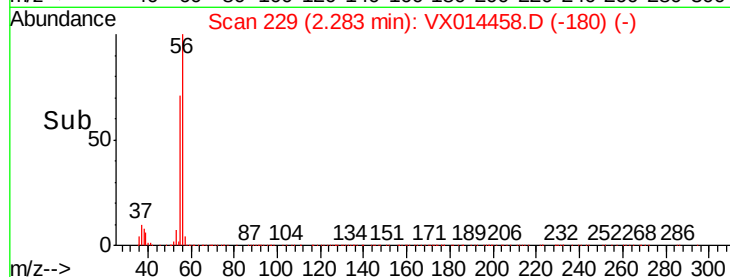
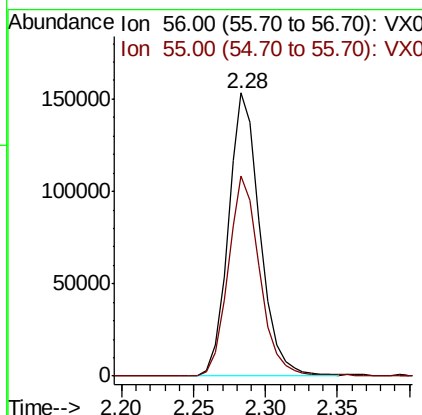
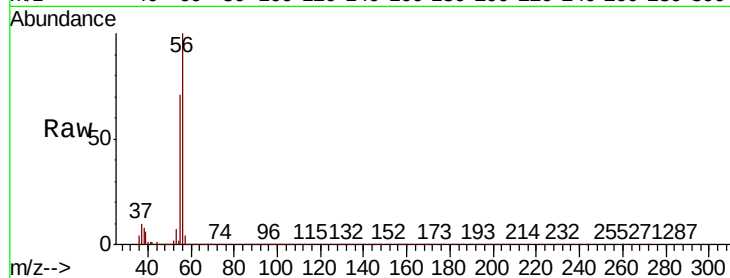




#13
Acrolein
Concen: 237.093 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

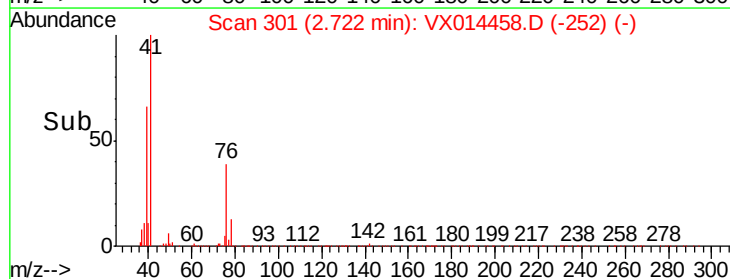
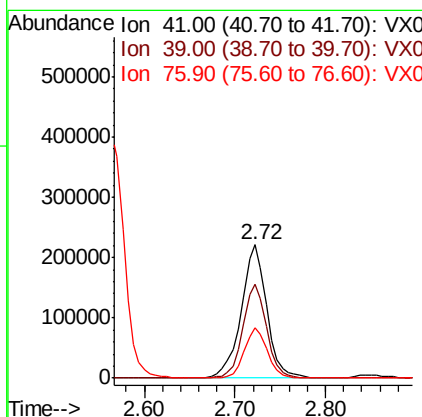
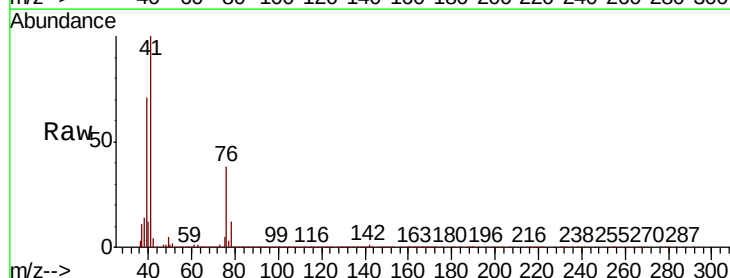
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

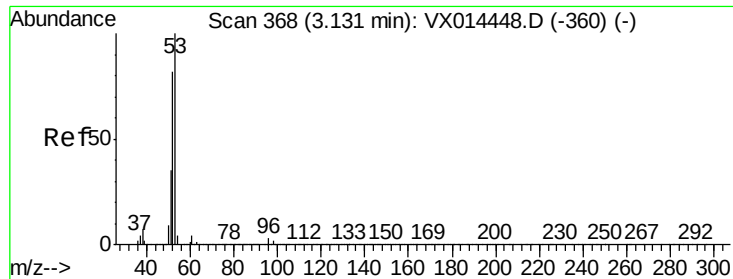
Tot Ion: 56 Resp: 233400
Ion Ratio Lower Upper
56 100
55 70.4 55.0 82.6



#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 :

VSTDCCC050EC

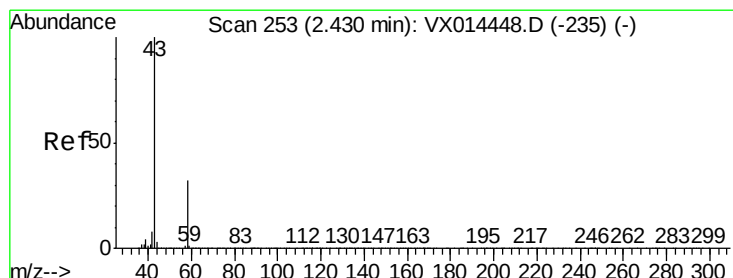
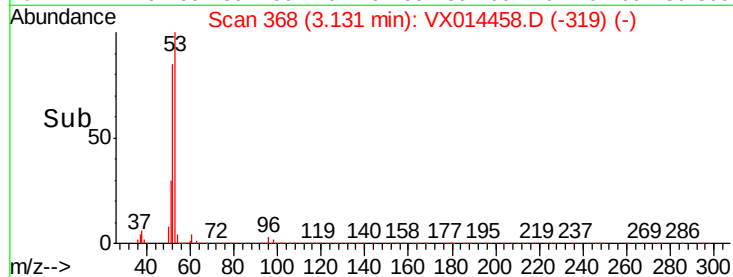
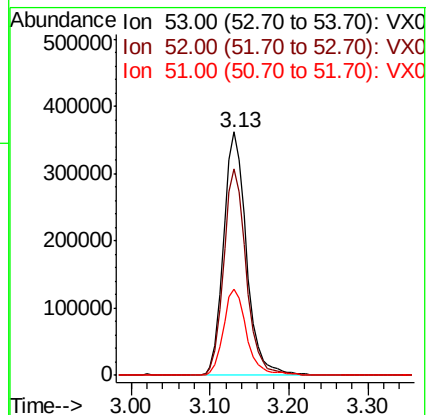
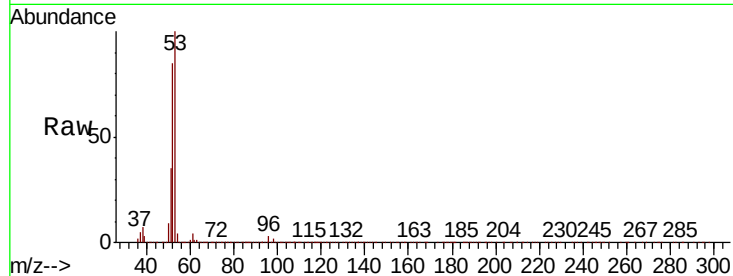
Tot Ion: 53 Resp: 731643

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

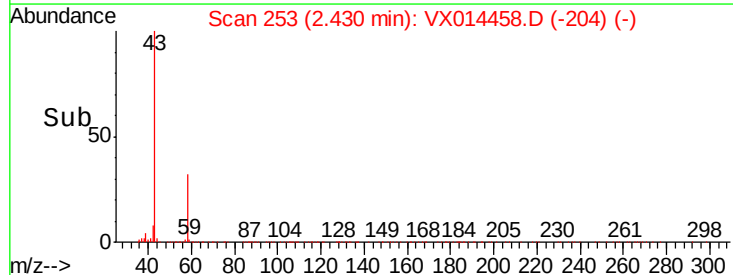
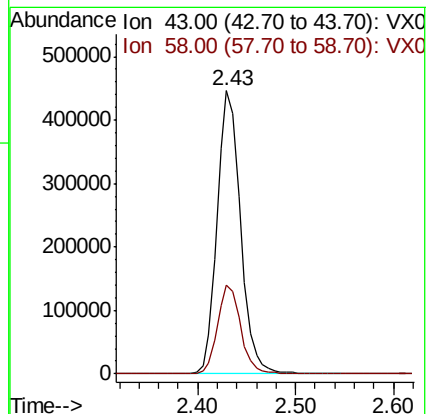
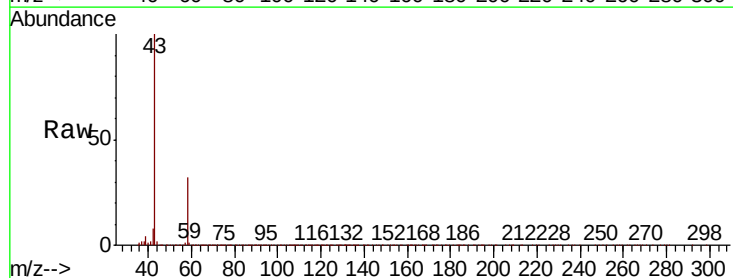
Acq: 07 Jan 2020 20:50

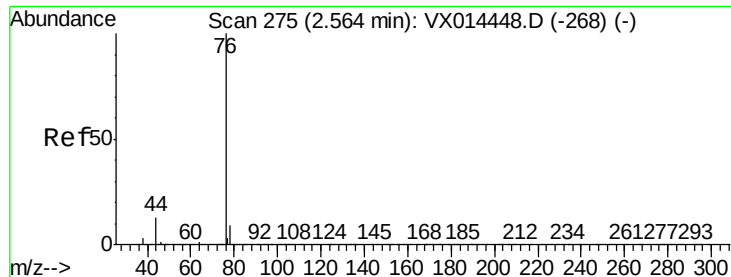
Tgt Ion: 43 Resp: 735755

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 :

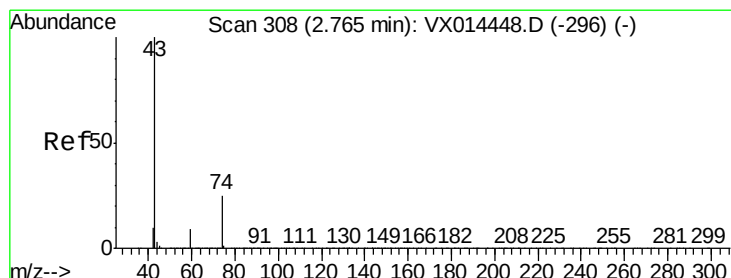
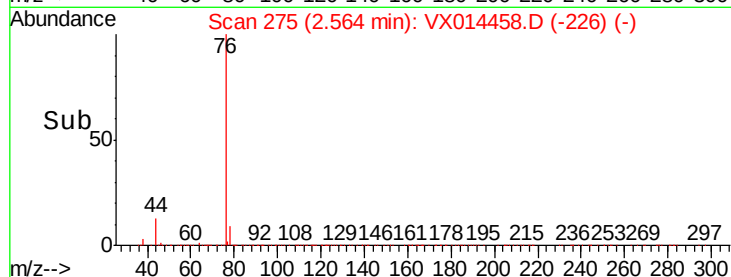
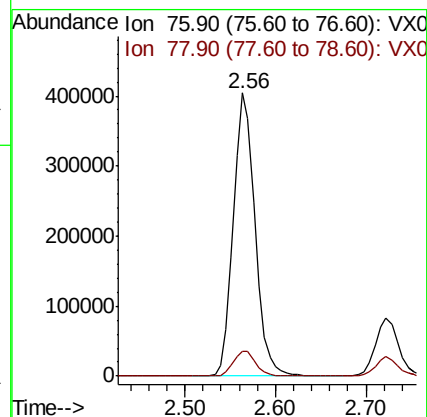
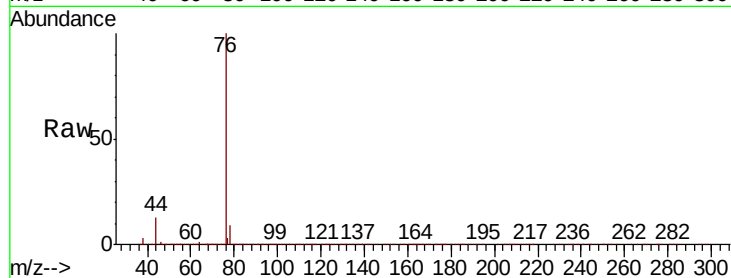
VSTDCCC050EC

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

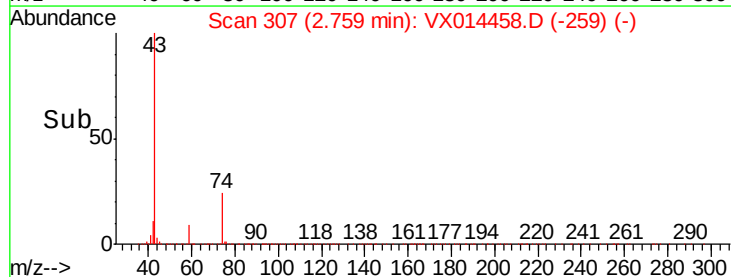
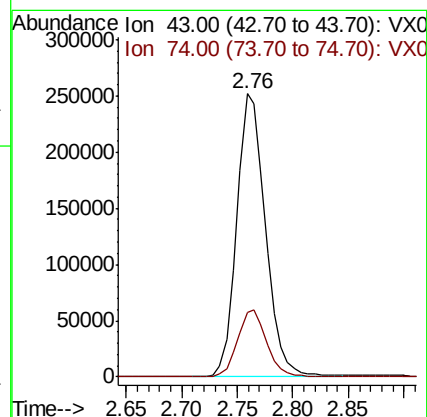
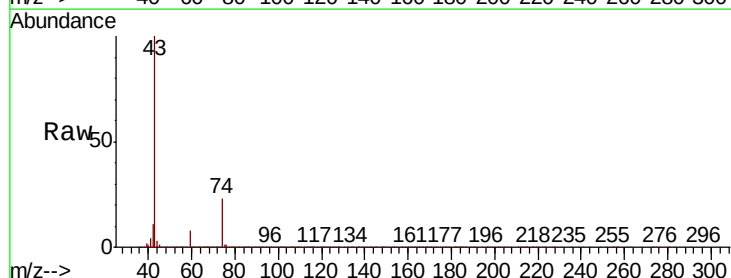
Acq: 07 Jan 2020 20:50

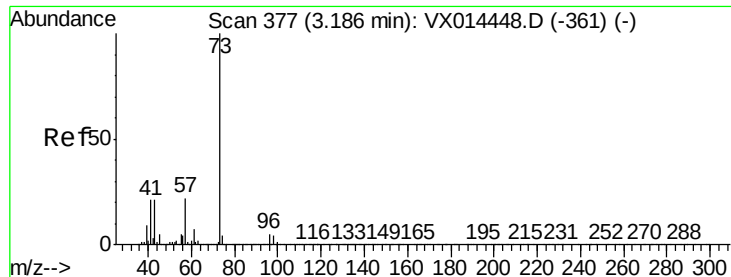
Tgt Ion: 43 Resp: 448511

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2

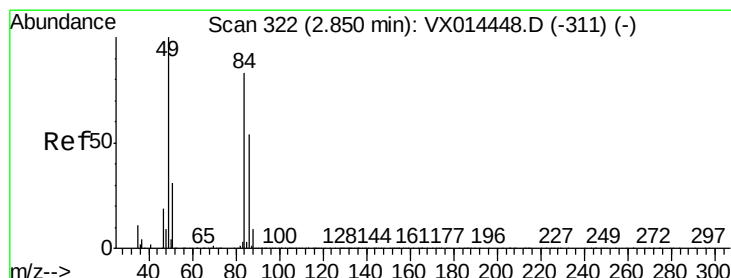
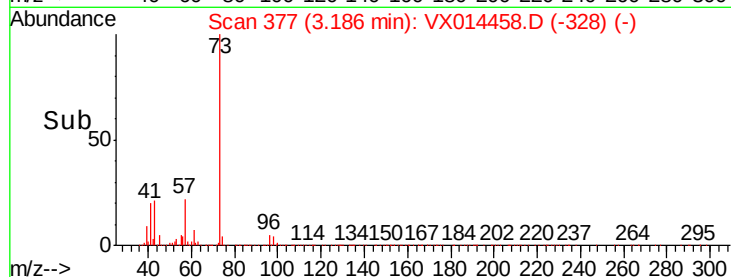
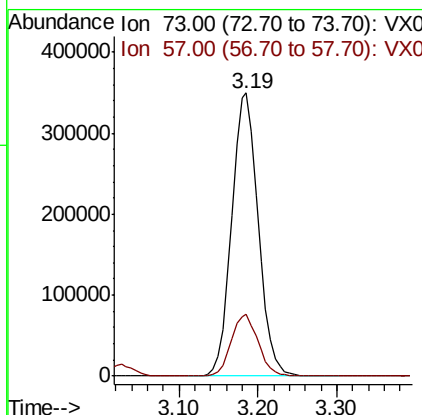
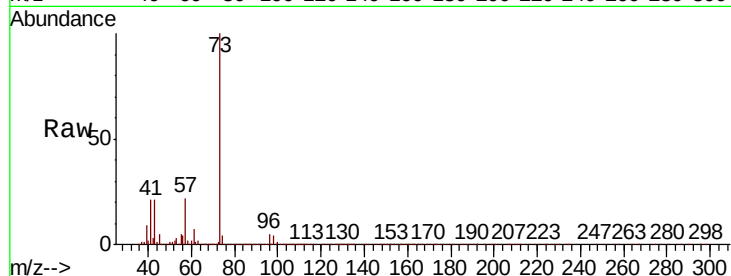




#19
Methyl tert-butyl Ether
Concen: 48.827 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

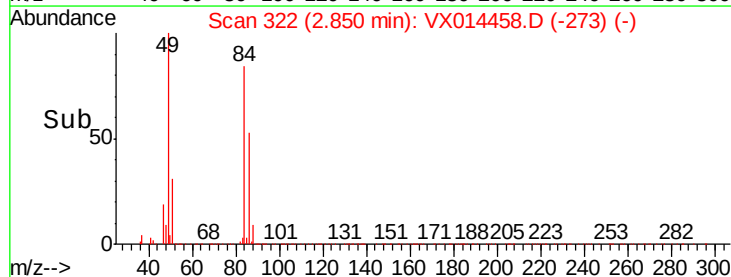
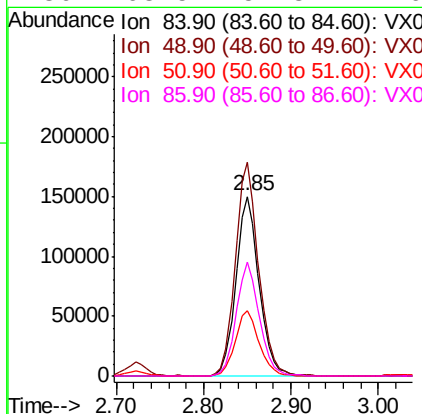
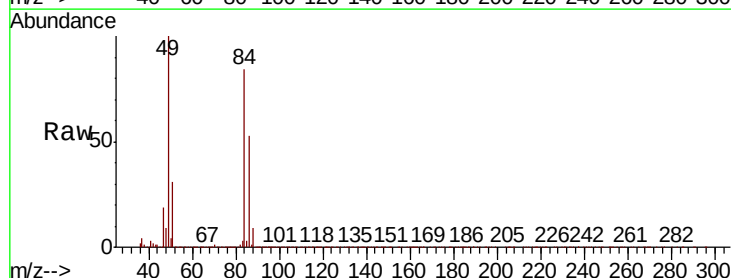
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

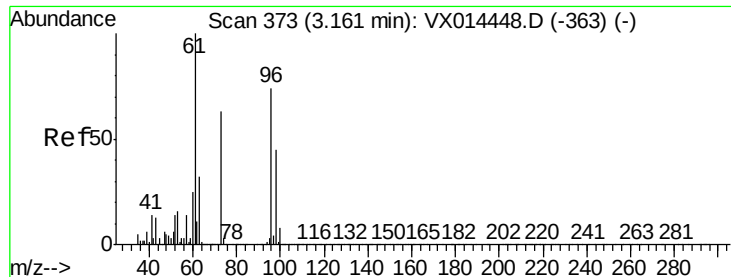
Tot Ion: 73 Resp: 815701
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#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 :

VSTDCCC050EC

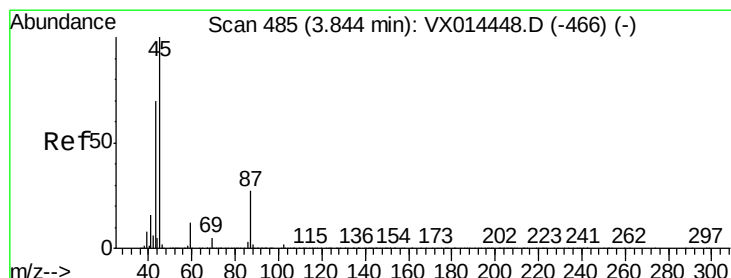
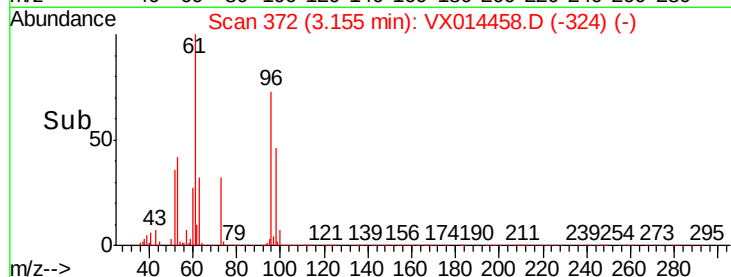
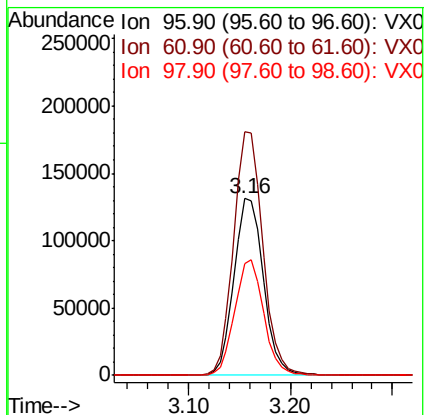
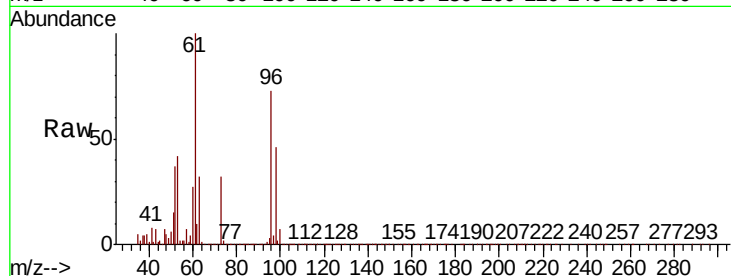
Tot Ion: 96 Resp: 262308

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

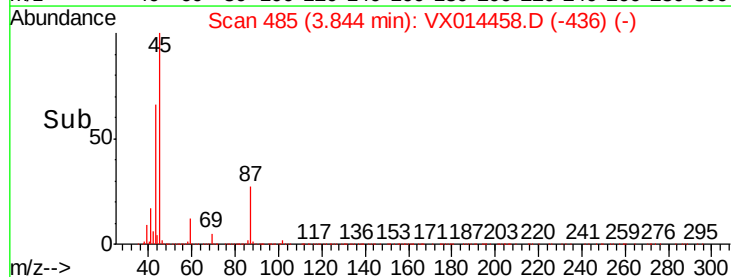
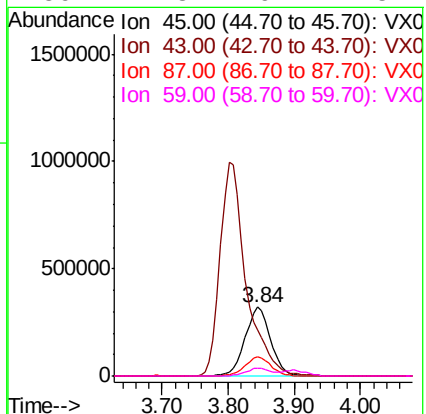
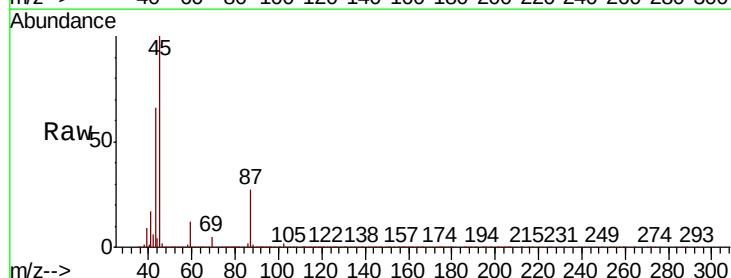
Ion Ratio Lower Upper

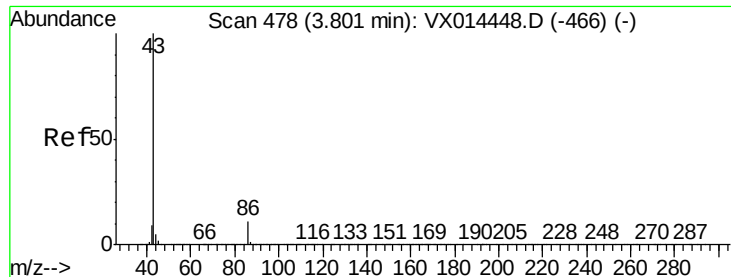
45 100

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

ClientSampleId :

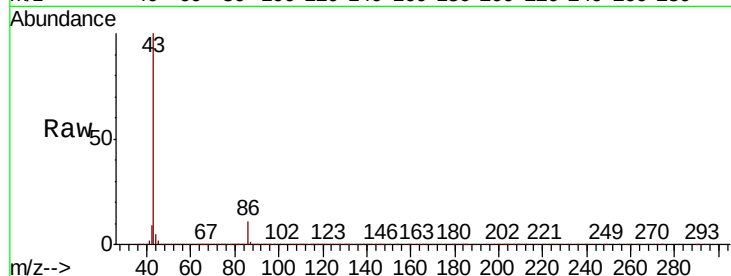
VSTDCCC050EC

Tot Ion: 43 Resp: 2725139

Ion Ratio Lower Upper

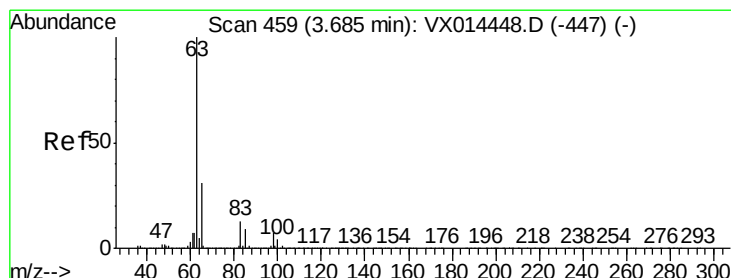
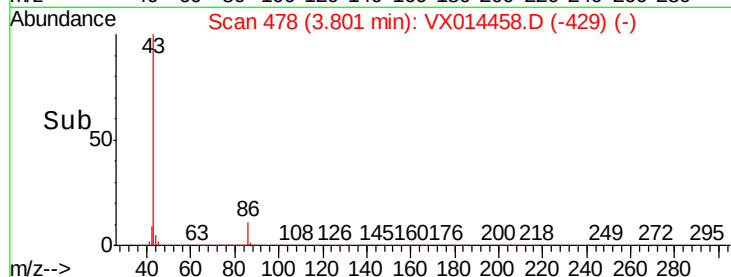
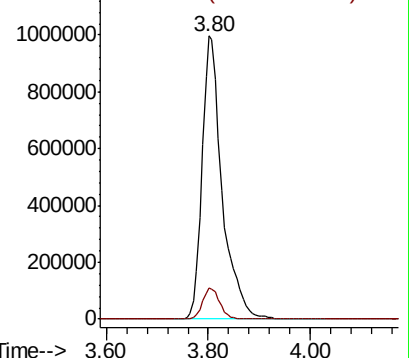
43 100

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

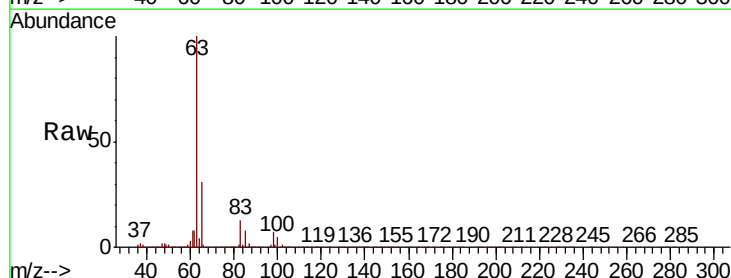
Tgt Ion: 63 Resp: 469022

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

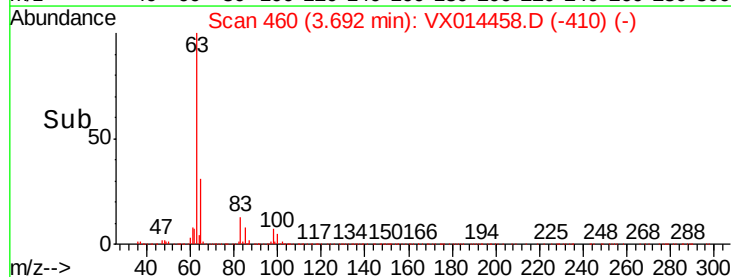
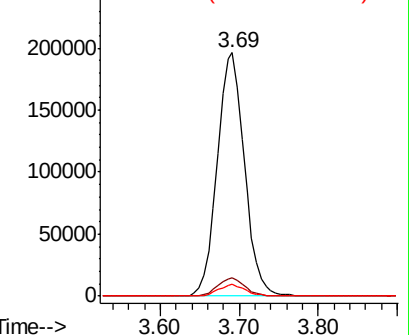
100 4.6 2.3 6.8

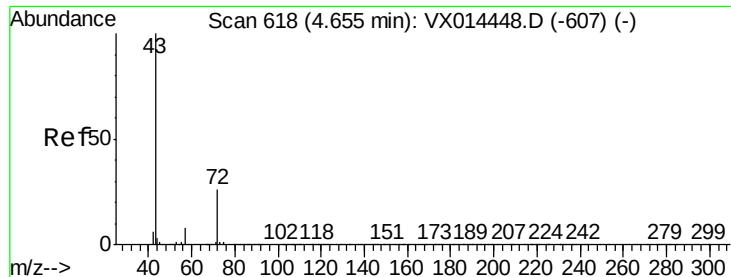


Abundance Ion 62.90 (62.60 to 63.60): VX0

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 :

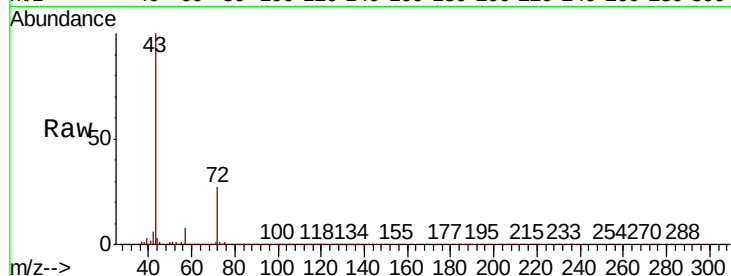
VSTDCCC050EC

Tot Ion: 43 Resp: 1082418

Ion Ratio Lower Upper

43 100

72 26.9 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

400000

300000

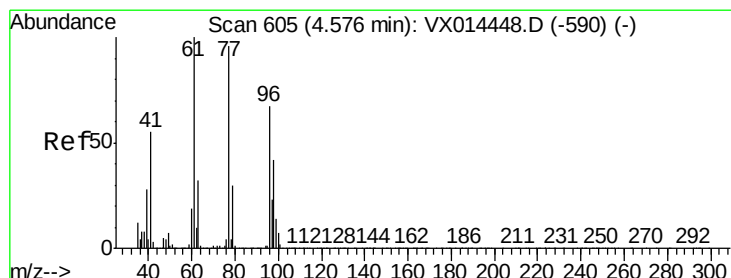
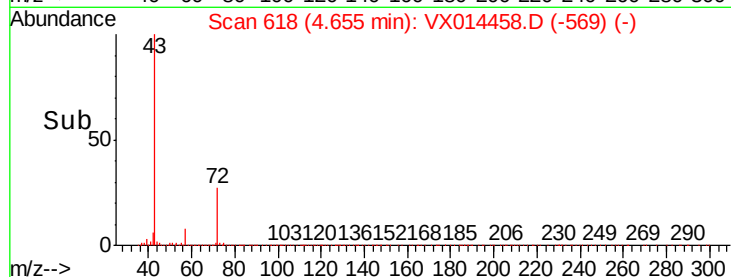
200000

100000

0

Time-->

4.60 4.70 4.80



#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

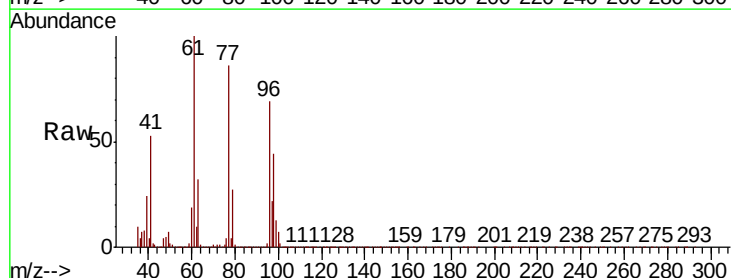
Acq: 07 Jan 2020 20:50

Tgt Ion: 77 Resp: 357514

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

120000

100000

80000

60000

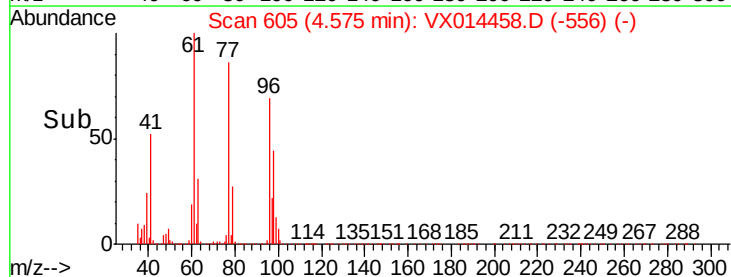
40000

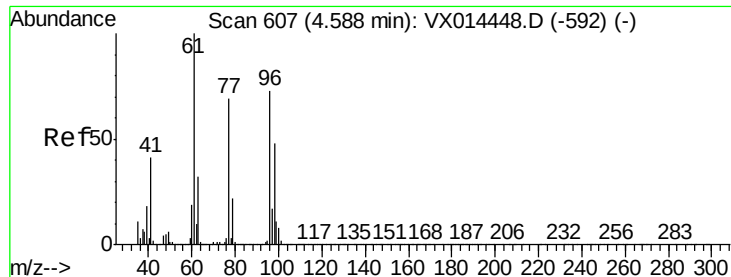
20000

0

Time-->

4.40 4.50 4.60 4.70



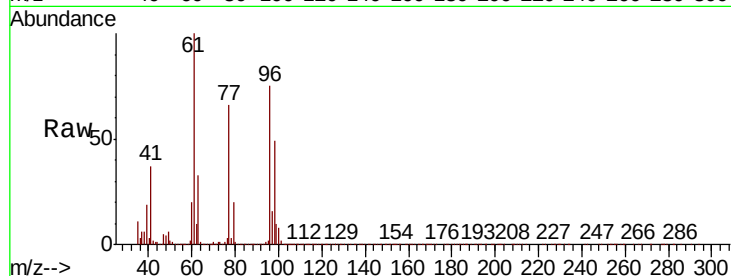


#27

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 :
VSTDCCC050EC

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

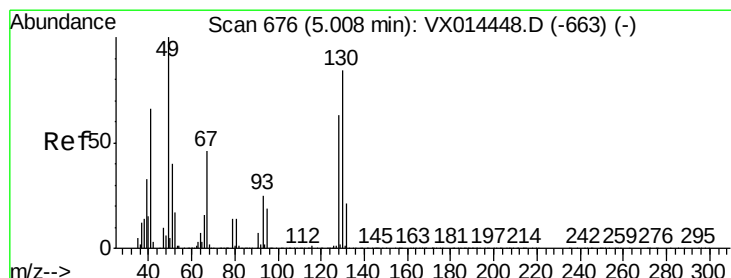
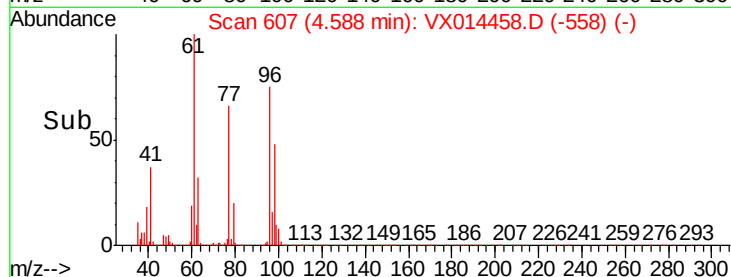
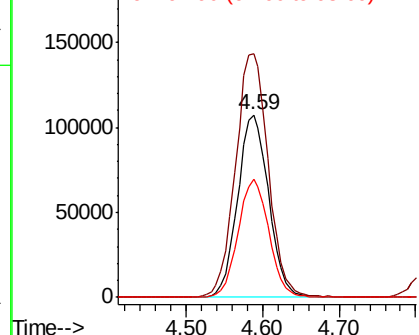


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

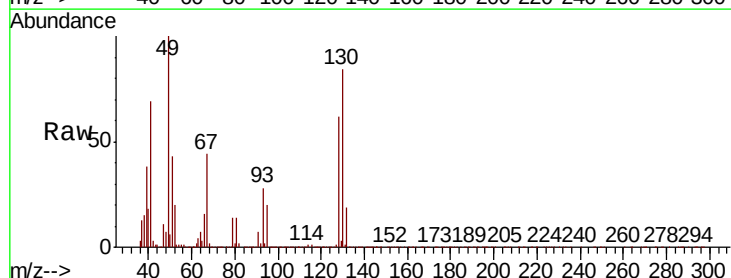
Ion 97.90 (97.60 to 98.60): VX0



#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

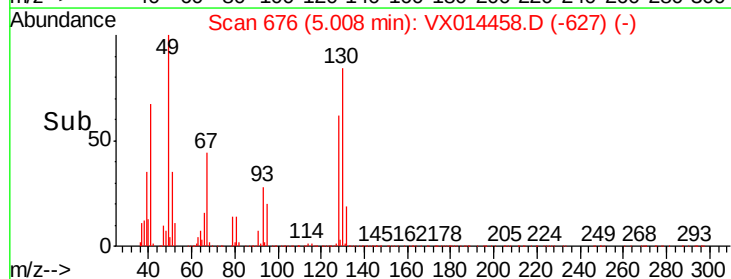
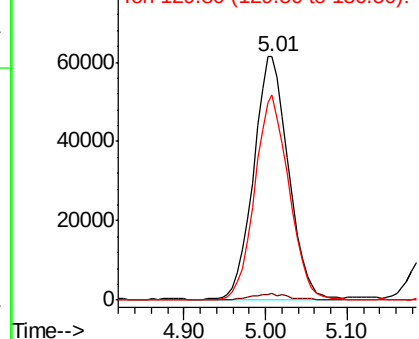


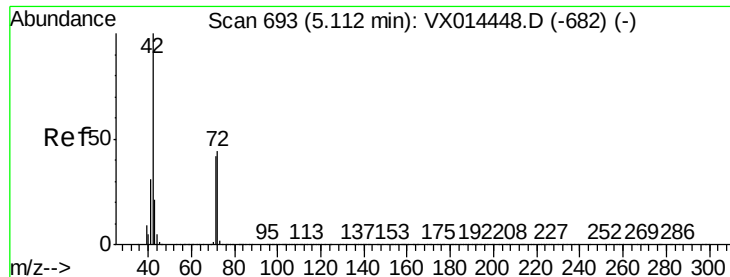
Abundance

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 :

VSTDCCC050EC

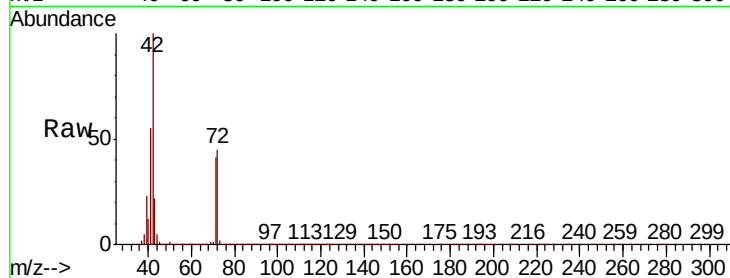
Tot Ion: 42 Resp: 662664

Ion Ratio Lower Upper

42 100

72 45.6 36.2 54.4

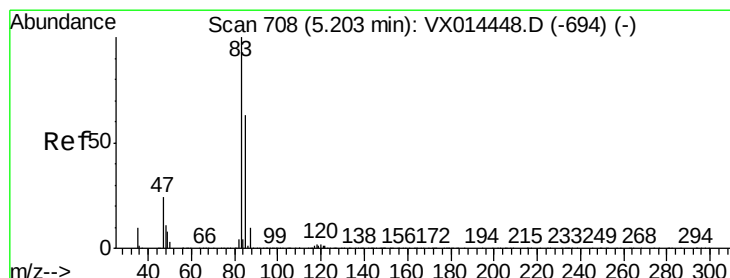
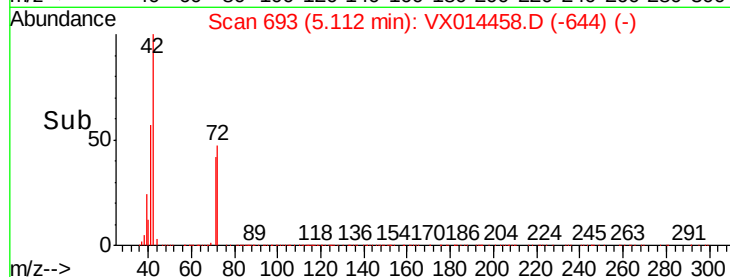
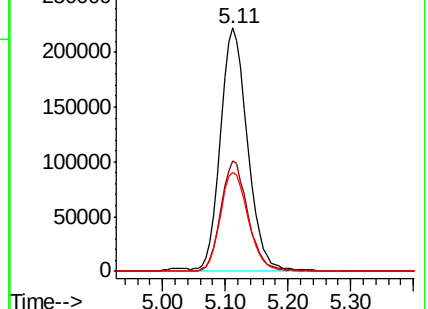
71 42.1 34.1 51.1



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

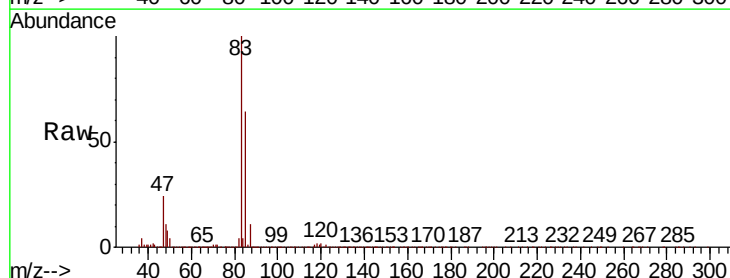
Acq: 07 Jan 2020 20:50

Tgt Ion: 83 Resp: 454047

Ion Ratio Lower Upper

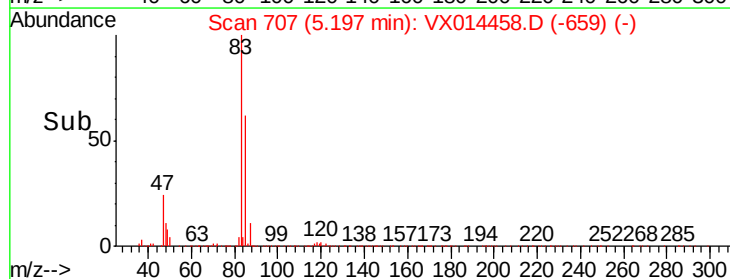
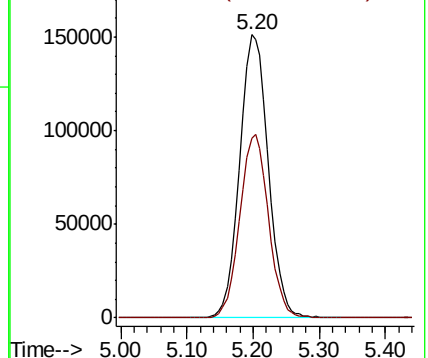
83 100

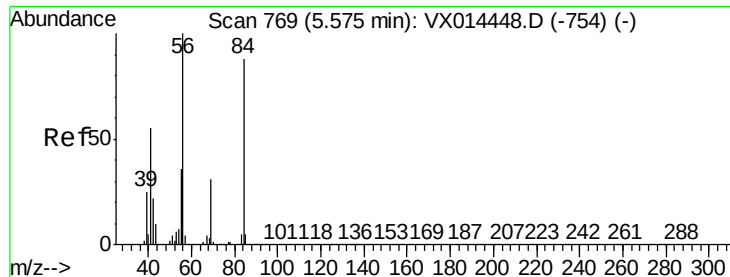
85 63.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

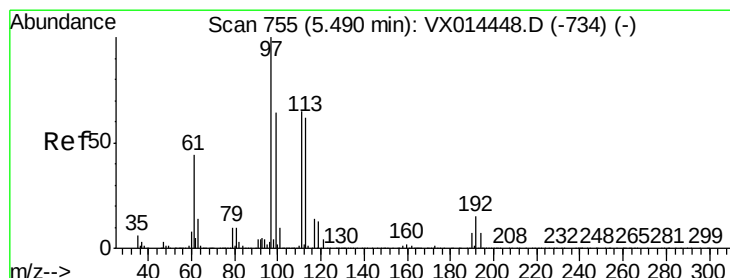
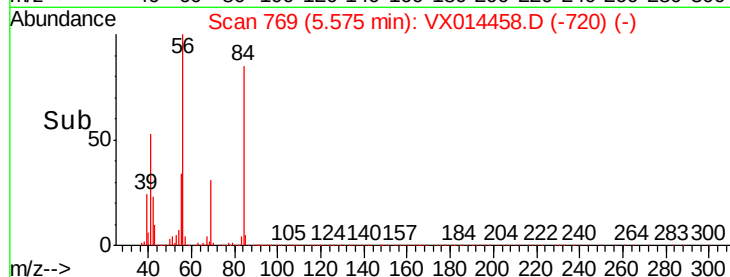
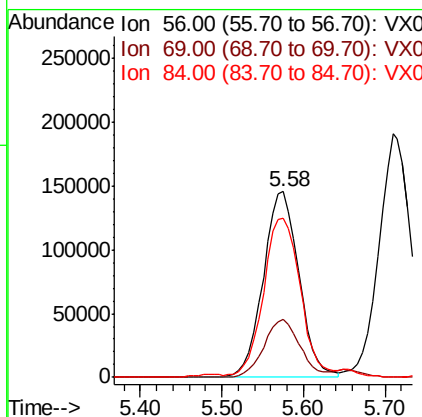
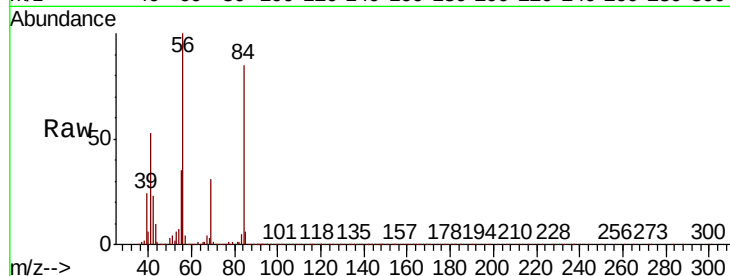




#31
Cyclohexane
Concen: 49.295 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

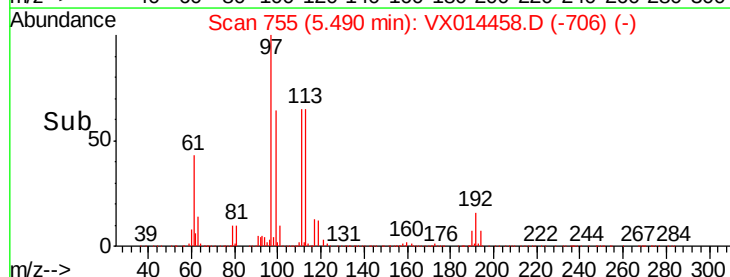
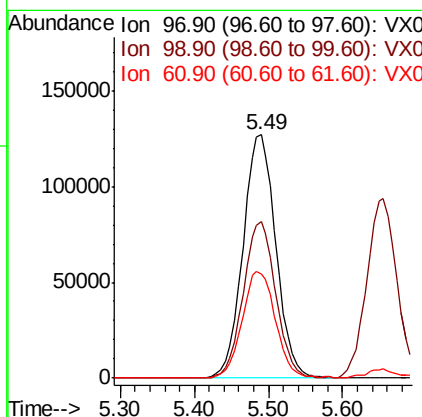
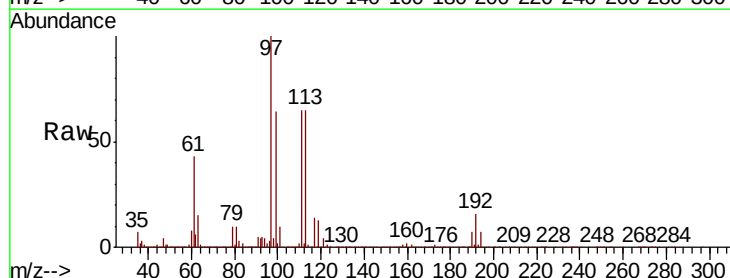
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

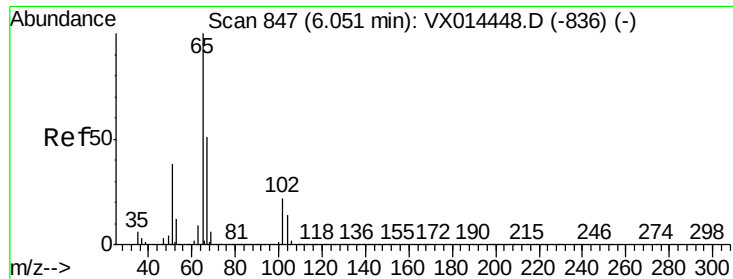
Tot Ion: 56 Resp: 443198
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 84.6 70.6 106.0



#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

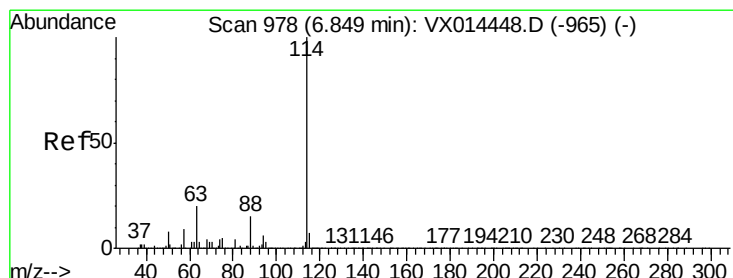
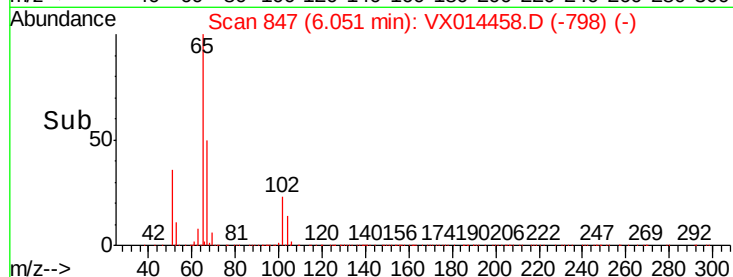
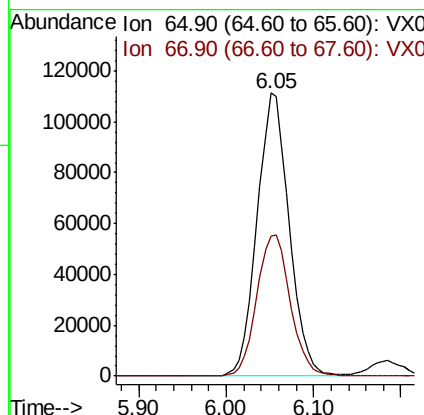
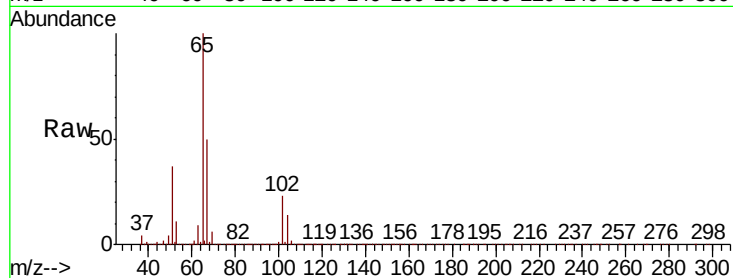




#33
 1,2-Dichloroethane-d4
 Concen: 48.309 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

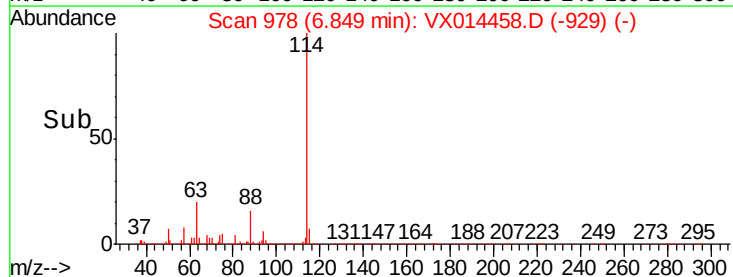
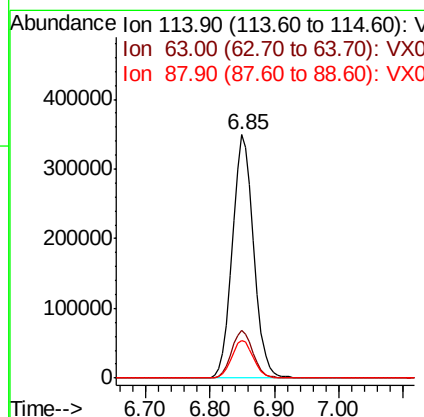
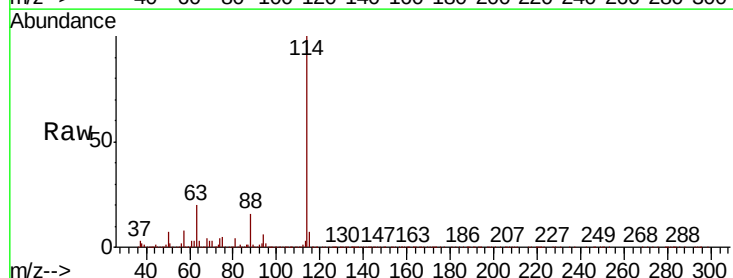
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

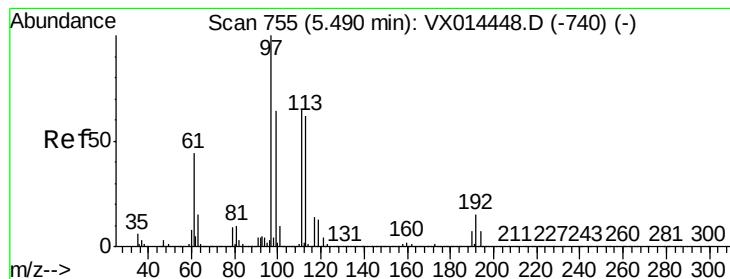
Tot Ion: 65 Resp: 284162
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: 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





#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

ClientSampleId :

VSTDCCC050EC

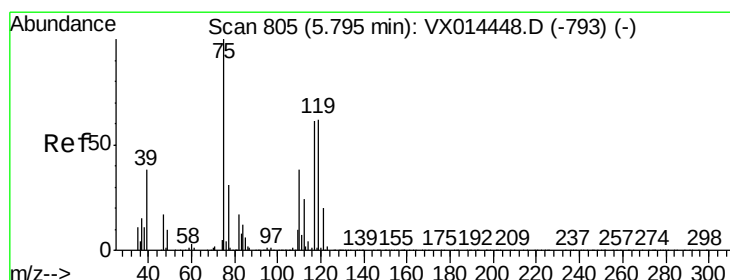
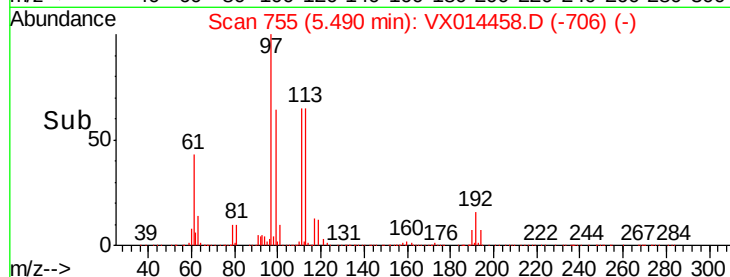
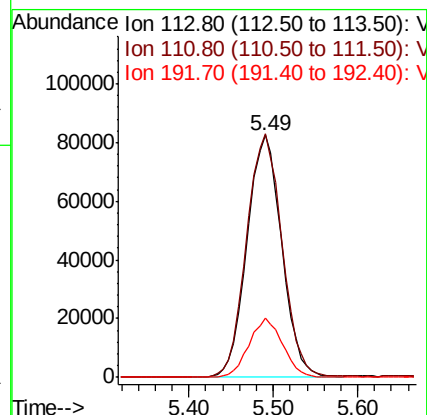
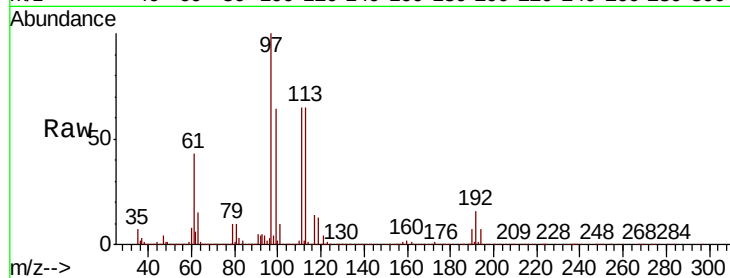
Tot Ion:113 Resp: 230555

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

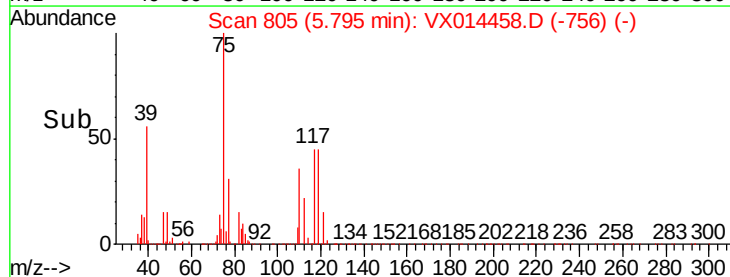
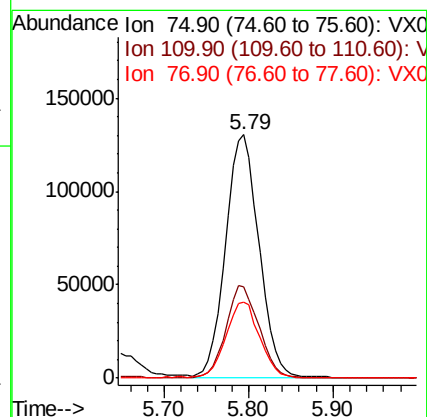
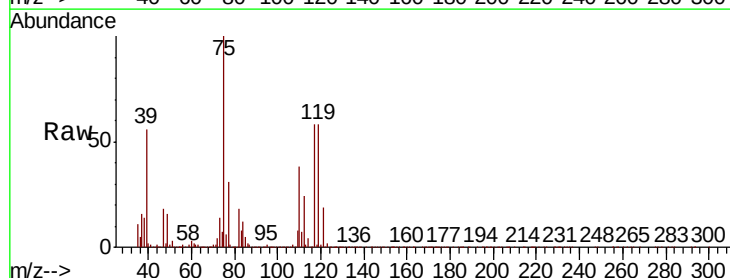
Tgt Ion: 75 Resp: 351258

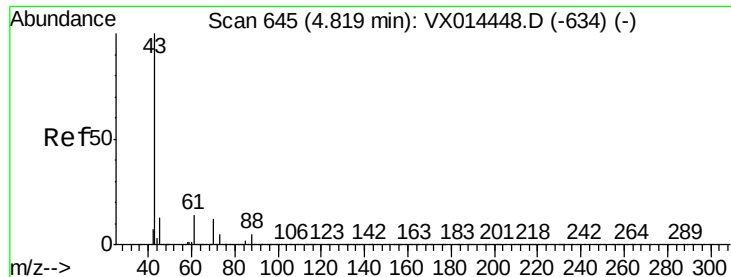
Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

77 31.6 24.5 36.7

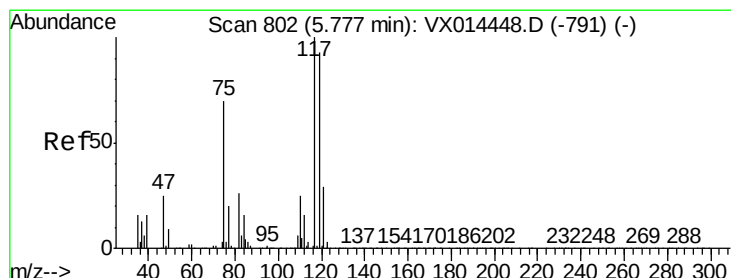
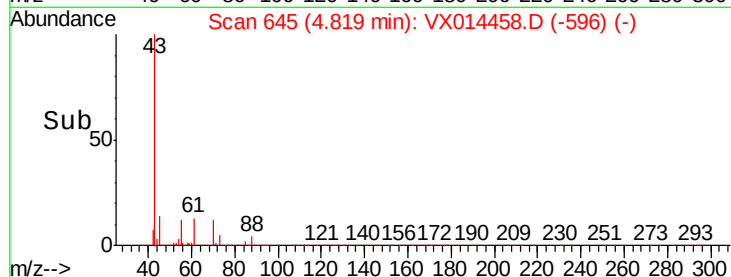
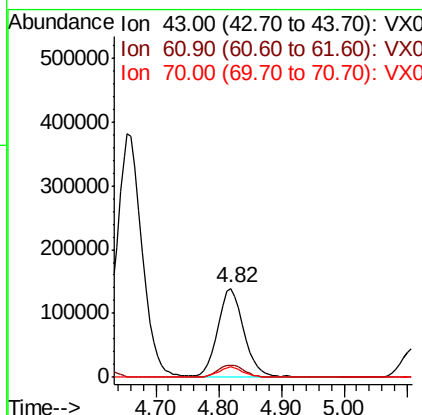
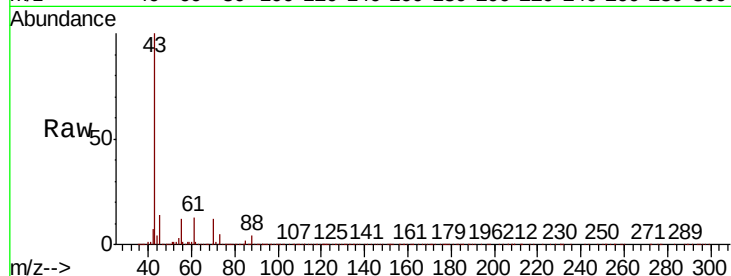




#37
Ethyl Acetate
Concen: 48.507 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

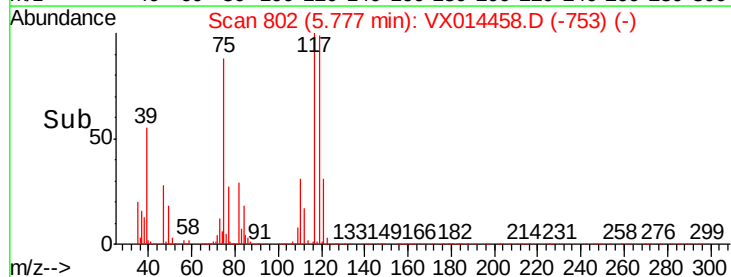
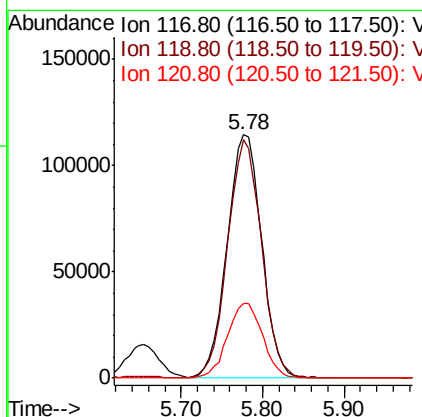
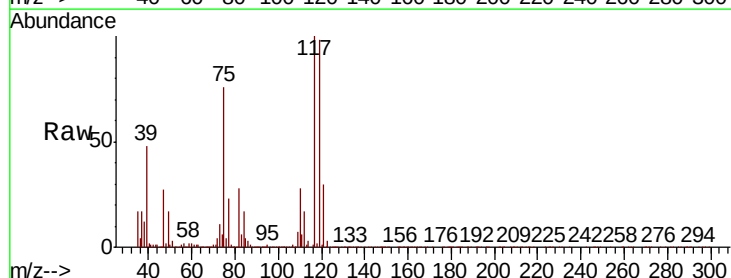
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

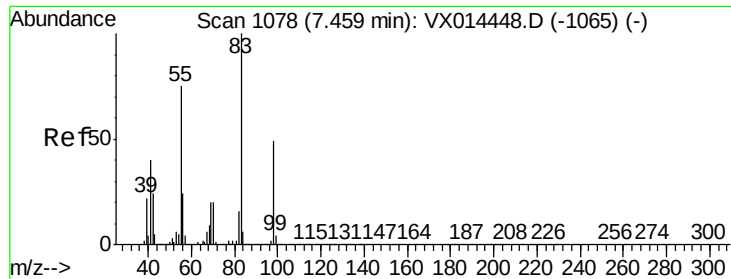
Tot Ion: 43 Resp: 401571
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.8 8.9 13.3



#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

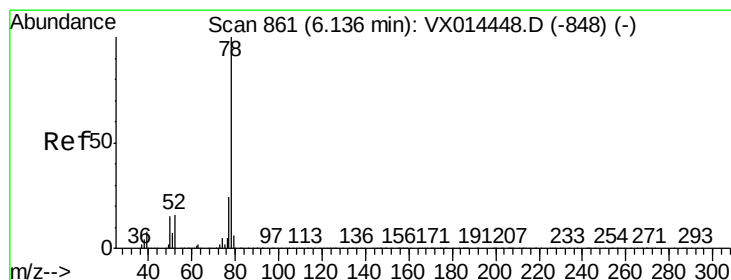
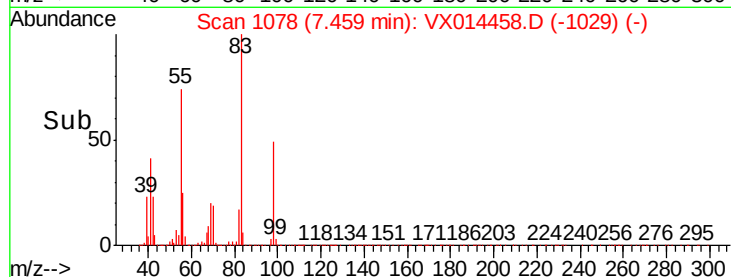
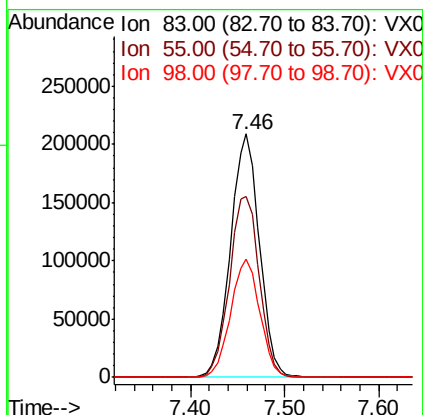
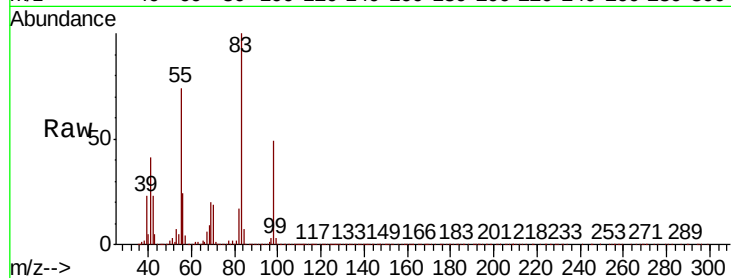




#39
Methylvlcyclohexane
Concen: 46.411 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

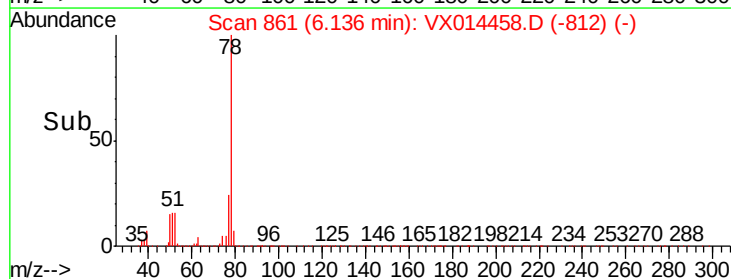
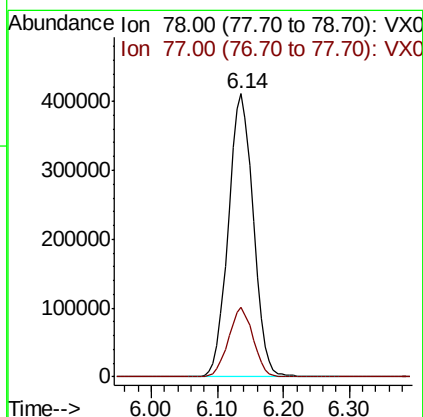
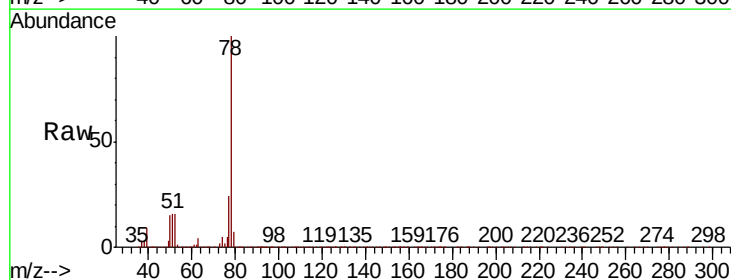
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

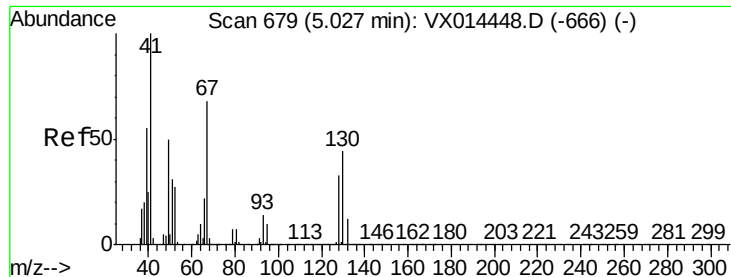
Tot Ion: 83 Resp: 444399
Ion Ratio Lower Upper
83 100
55 74.1 59.7 89.5
98 48.6 39.1 58.7



#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: 78 Resp: 1077747
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

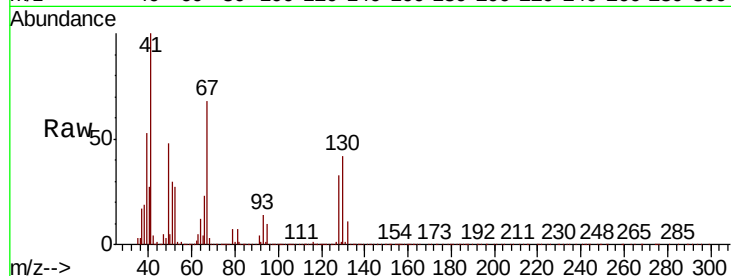




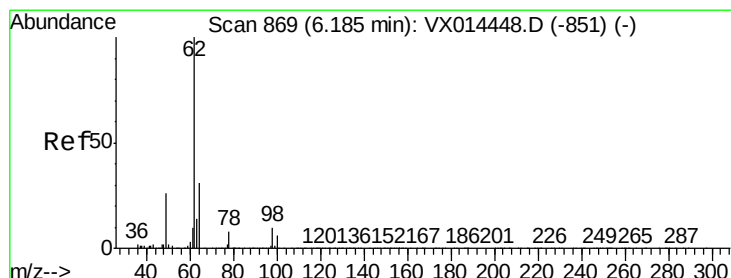
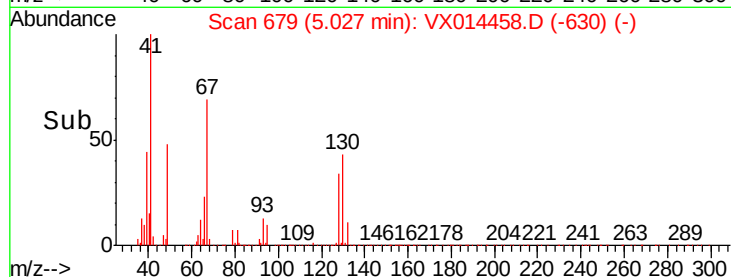
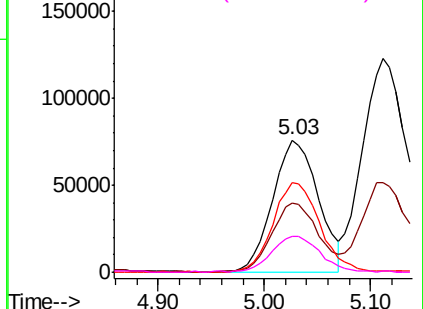
#41
Methacrylonitrile
Concen: 50.646 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

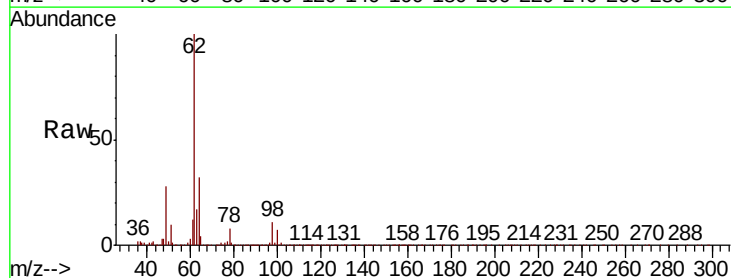


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

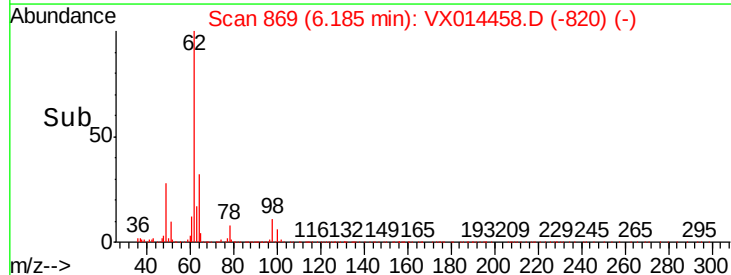
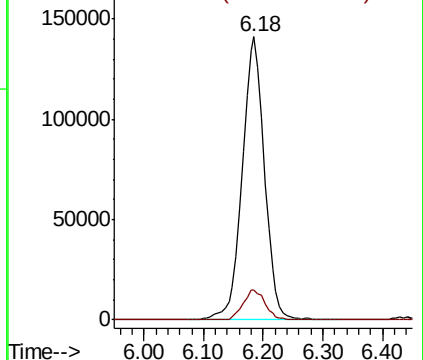


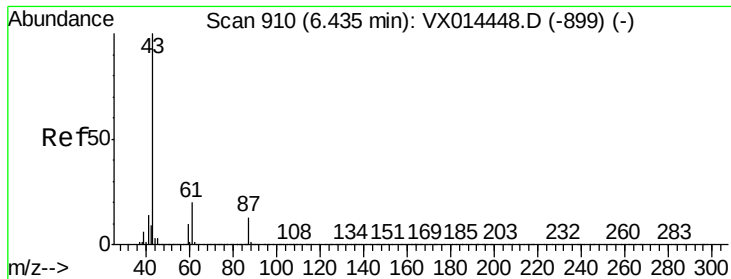
#42
1,2-Dichloroethane
Concen: 46.353 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

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 :

VSTDCCC050EC

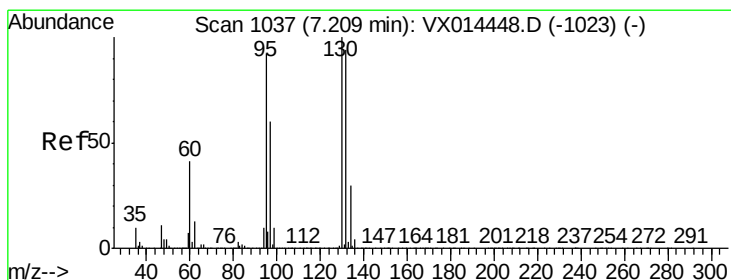
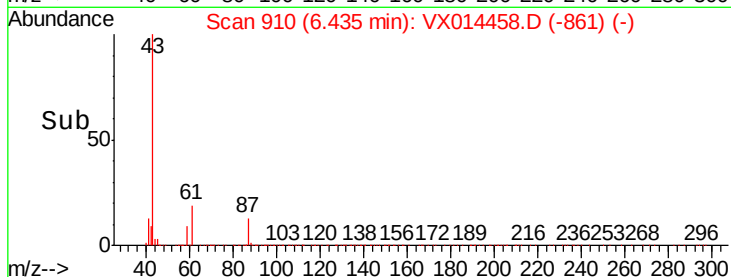
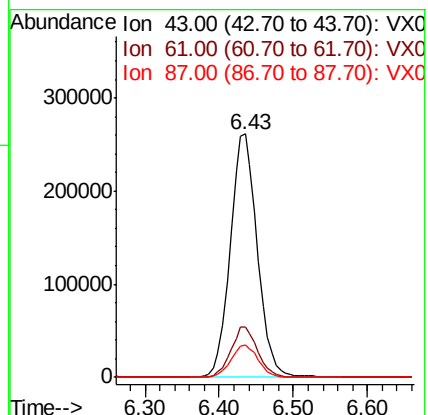
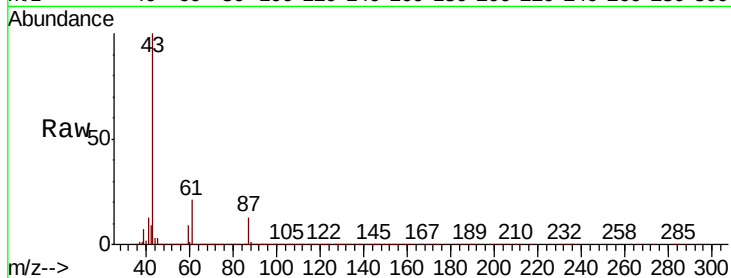
Tot Ion: 43 Resp: 659332

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

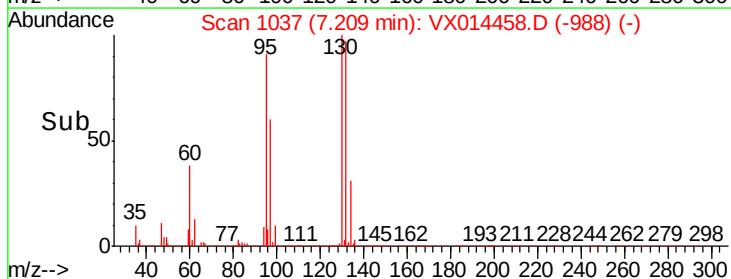
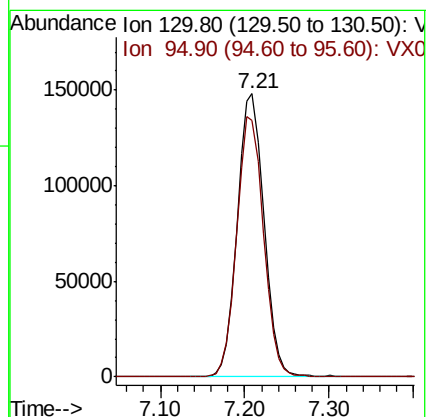
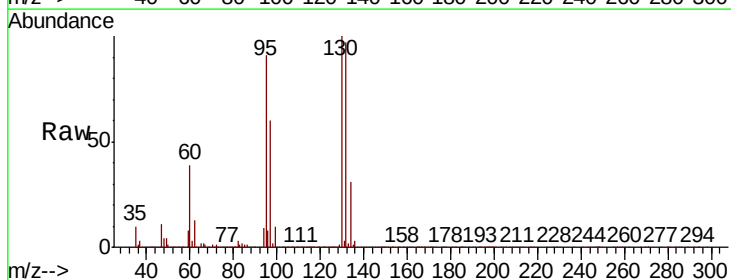
Acq: 07 Jan 2020 20:50

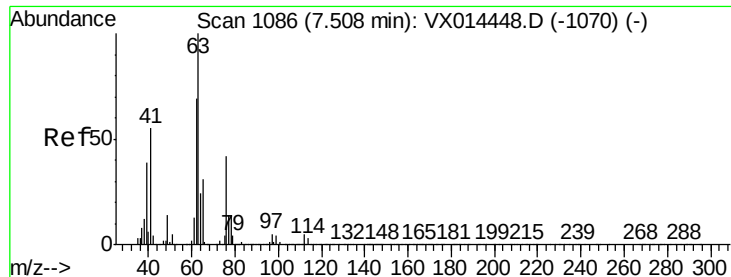
Tgt Ion: 130 Resp: 315515

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

ClientSampleId :

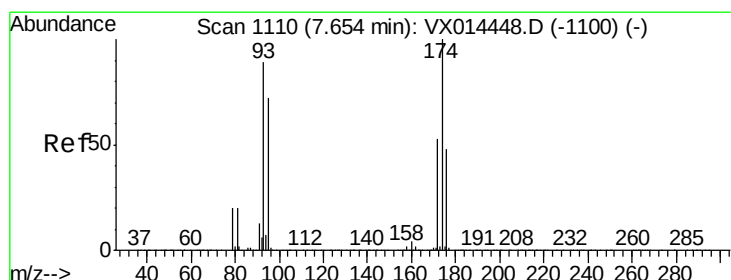
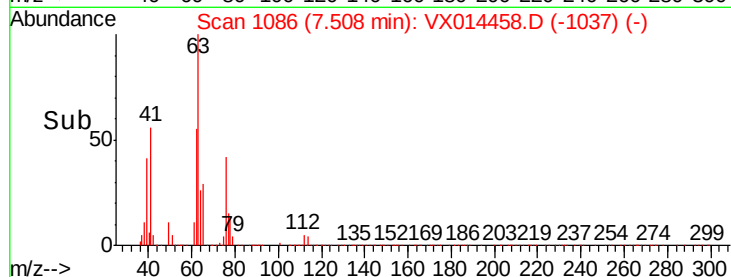
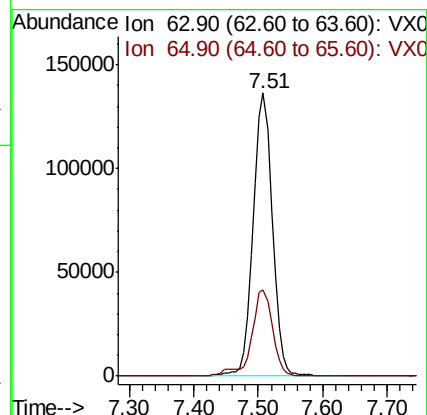
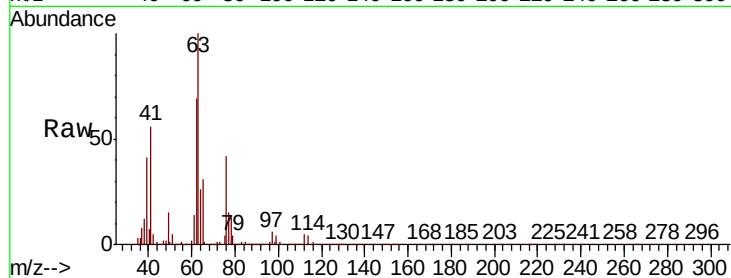
VSTDCCC050EC

Tot Ion: 63 Resp: 276324

Ion Ratio Lower Upper

63 100

65 30.5 24.8 37.2



#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

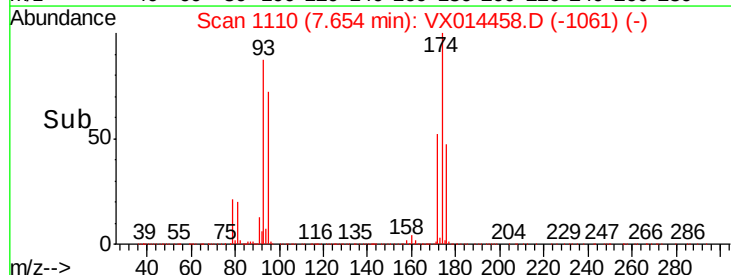
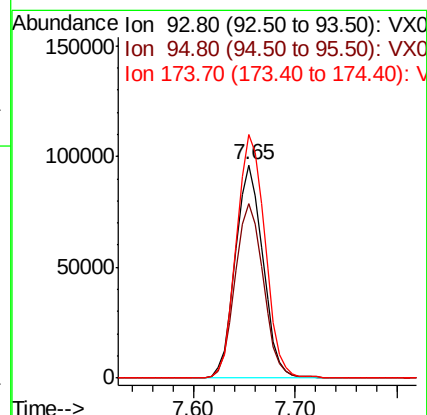
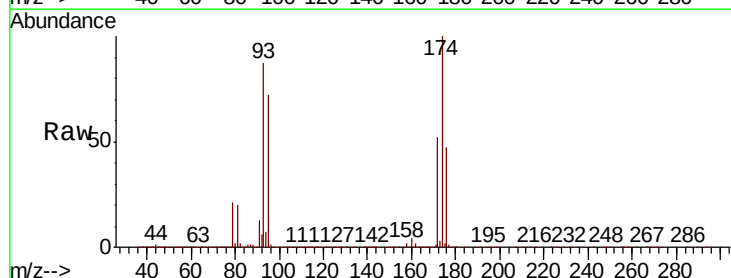
Tgt Ion: 93 Resp: 180216

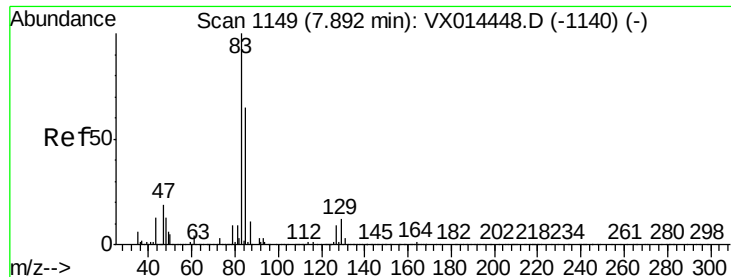
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.2

174 118.4 93.0 139.4





#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

ClientSampleId :

VSTDCCC050EC

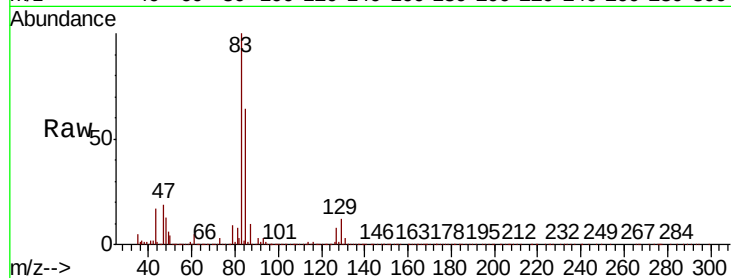
Tot Ion: 83 Resp: 356842

Ion Ratio Lower Upper

83 100

85 64.2 51.7 77.5

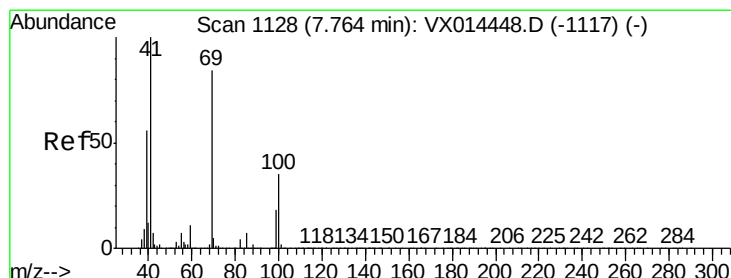
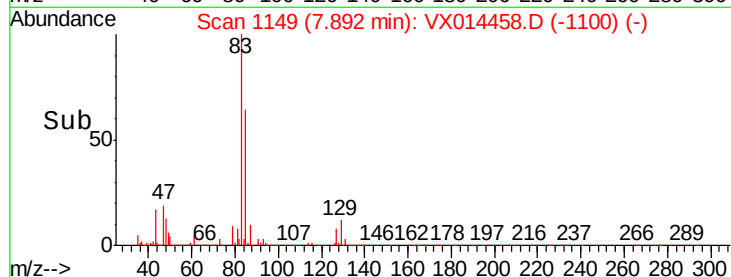
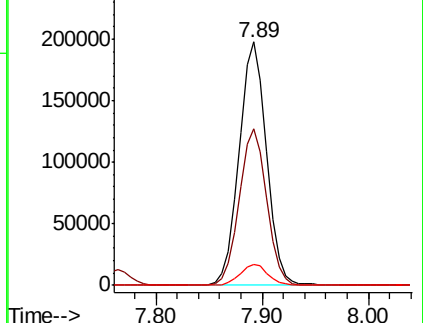
127 8.3 7.1 10.7



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

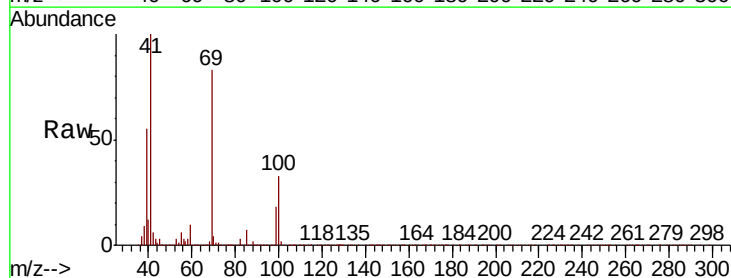
Tgt Ion: 41 Resp: 325424

Ion Ratio Lower Upper

41 100

69 81.6 65.5 98.3

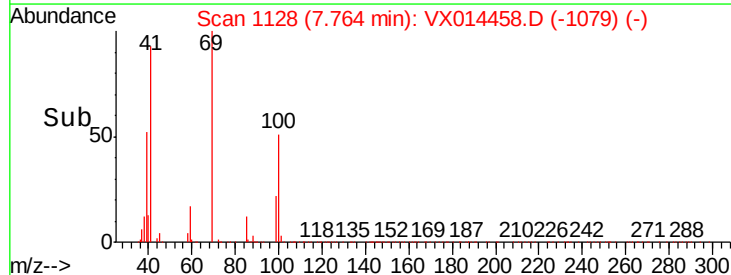
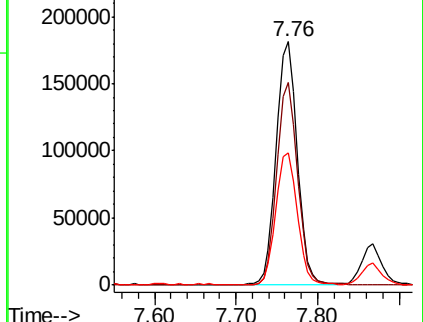
39 55.0 43.9 65.9

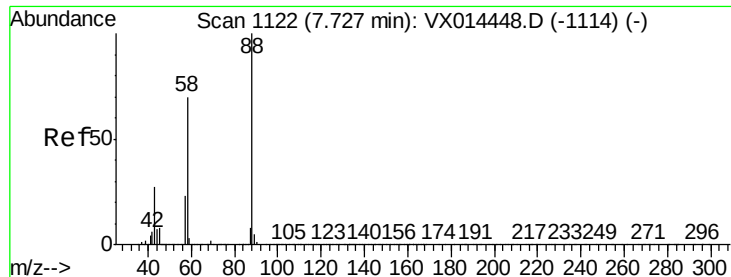


Abundance Ion 41.00 (40.70 to 41.70): VX0

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 :

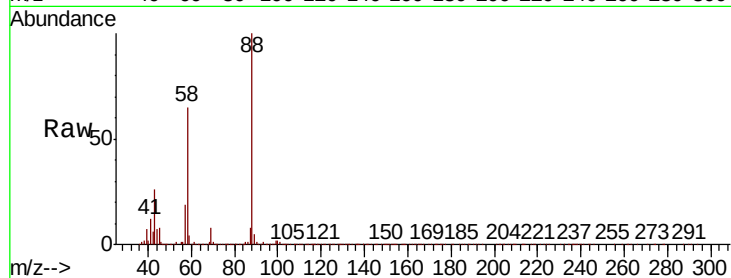
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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

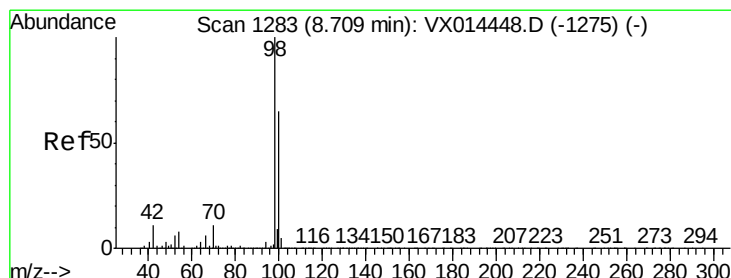
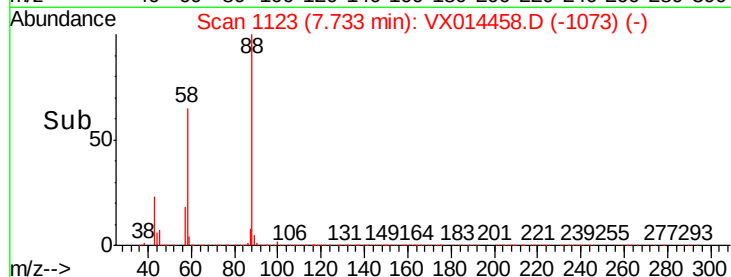
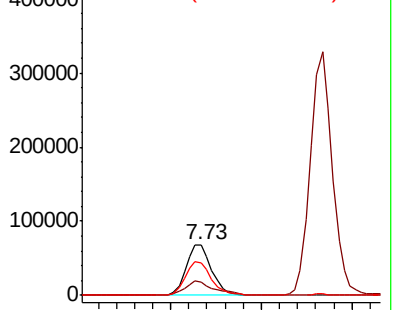


Abundance

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



#50

Toluene-d8

Concen: 47.937 ug/l

RT: 8.71 min Scan# 1283

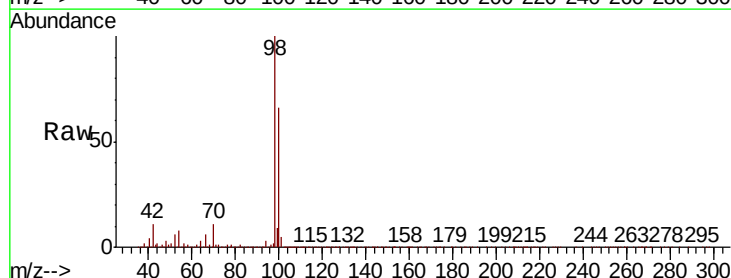
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion: 98 Resp: 912649

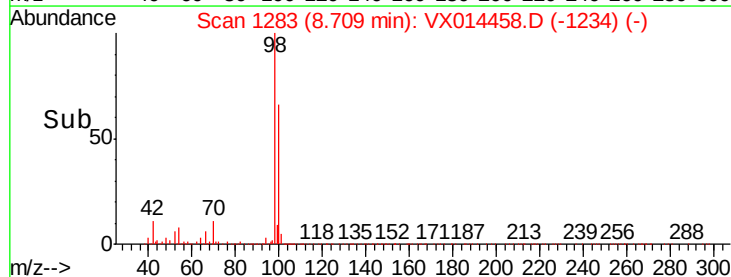
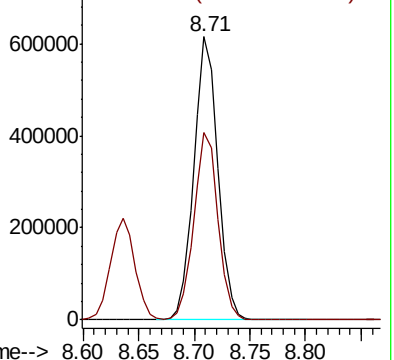
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8

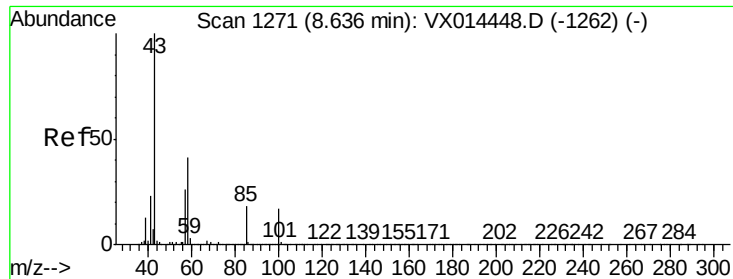


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

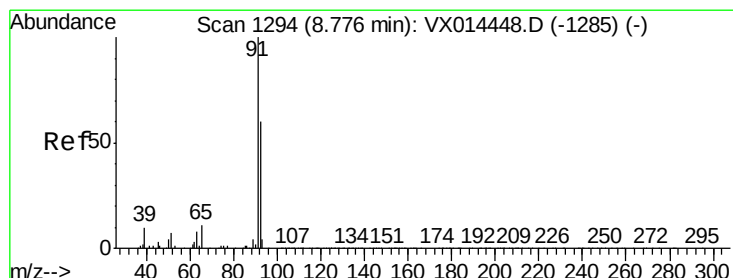
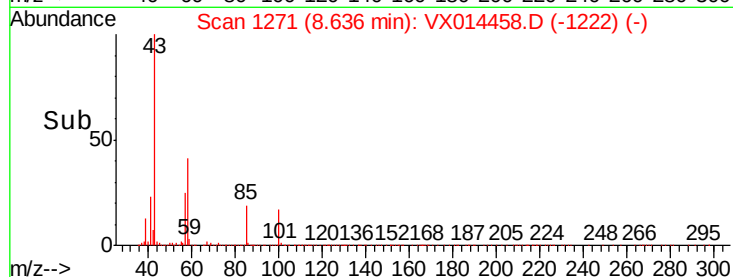
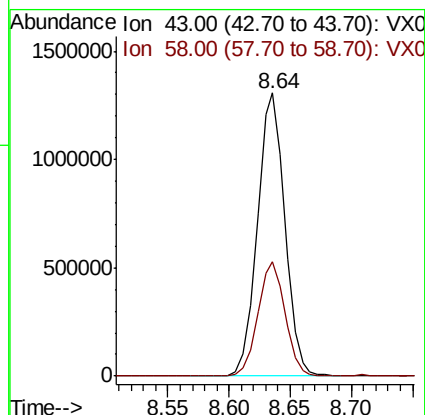
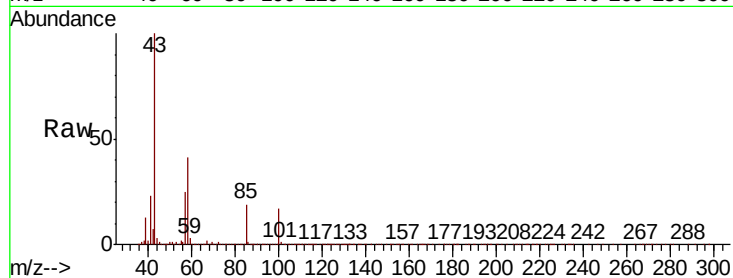




#51
4-Methyl-2-Pentanone
Concen: 250.779 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

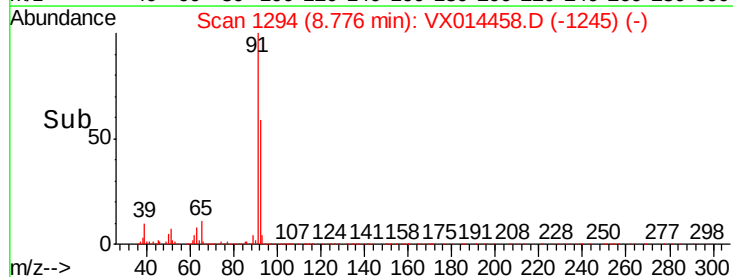
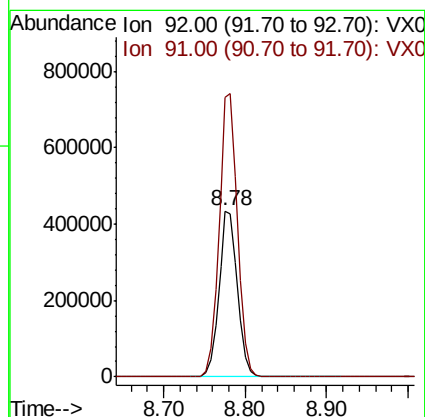
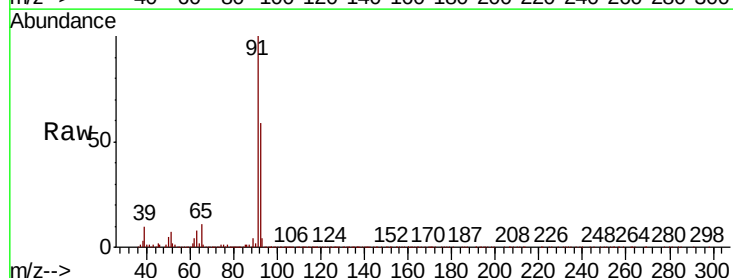
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

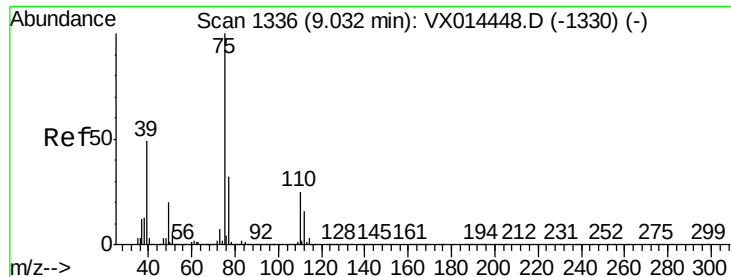
Tot Ion: 43 Resp: 2043695
Ion Ratio Lower Upper
43 100
58 40.1 32.4 48.6



#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

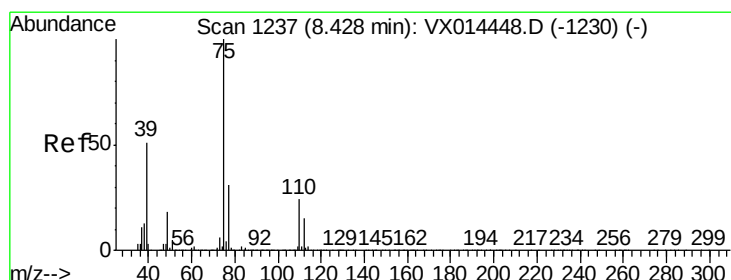
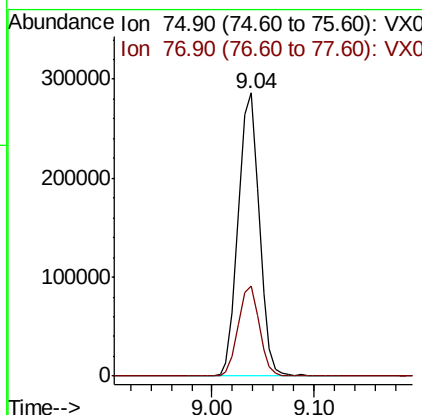
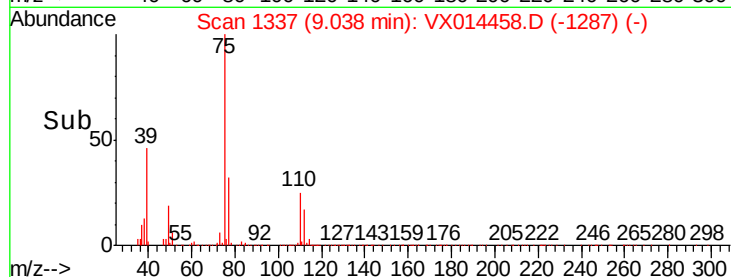
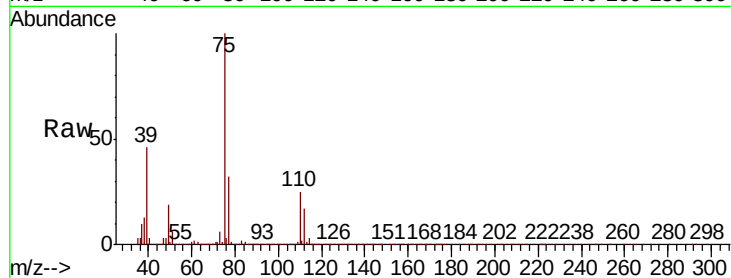




#53
t-1,3-Dichloropropene
Concen: 47.583 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

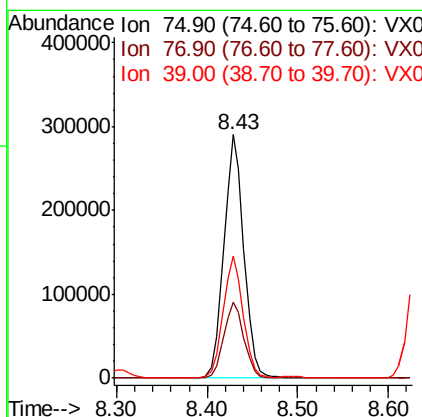
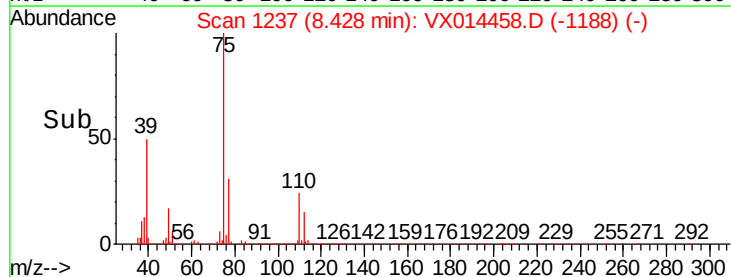
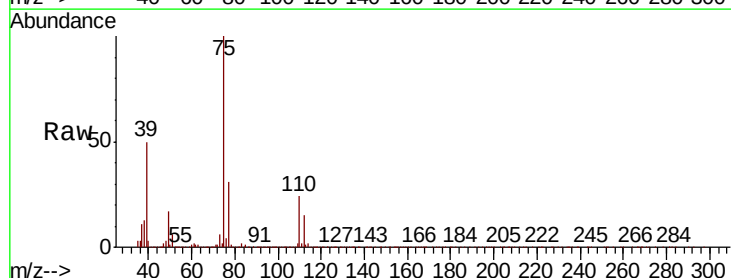
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

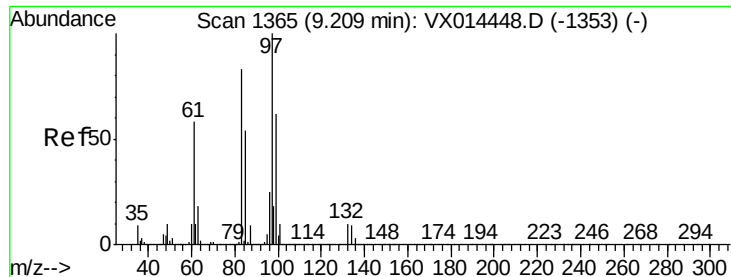
Tot Ion: 75 Resp: 405743
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#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 :

VSTDCCC050EC

Tot Ion: 97 Resp: 274821

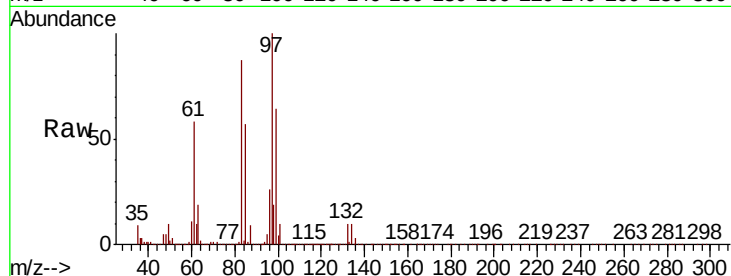
Ion Ratio Lower Upper

97 100

83 86.7 66.4 99.6

85 57.1 43.4 65.2

99 63.7 49.6 74.4

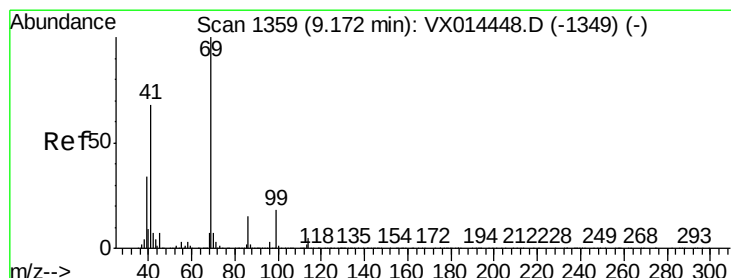
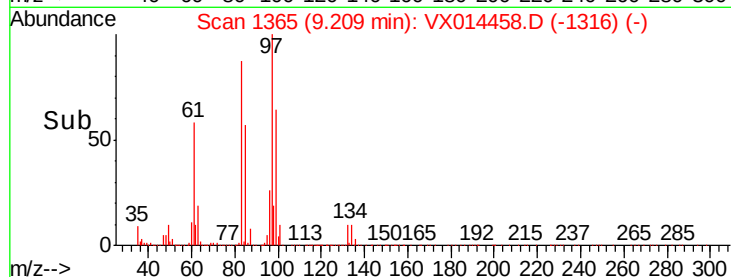
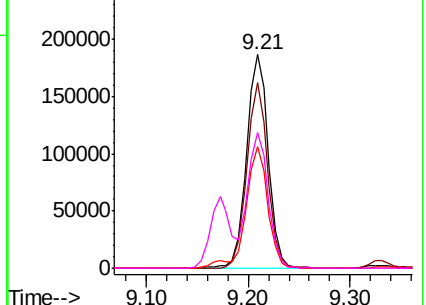


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 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

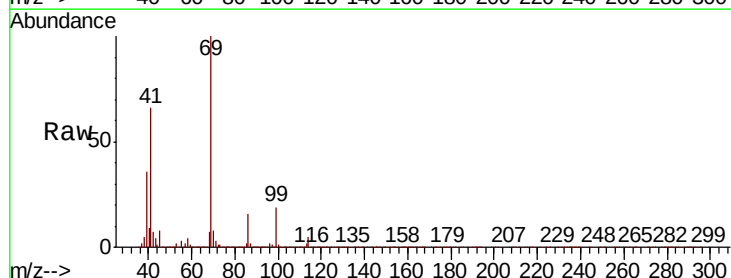
Tgt Ion: 69 Resp: 446183

Ion Ratio Lower Upper

69 100

41 67.0 54.2 81.2

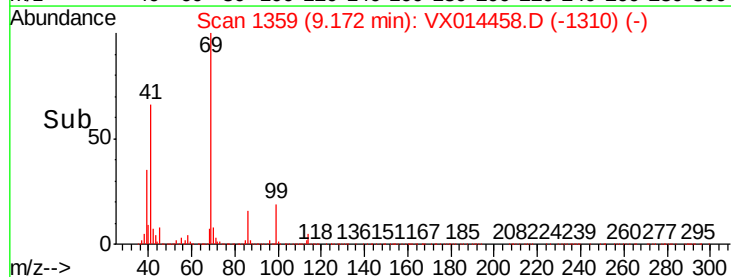
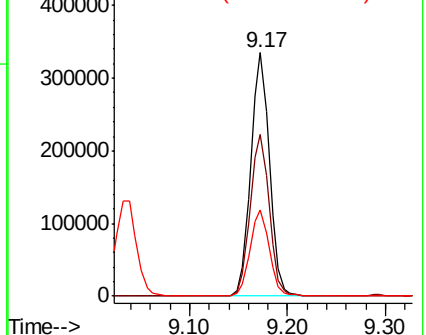
39 36.1 28.2 42.2

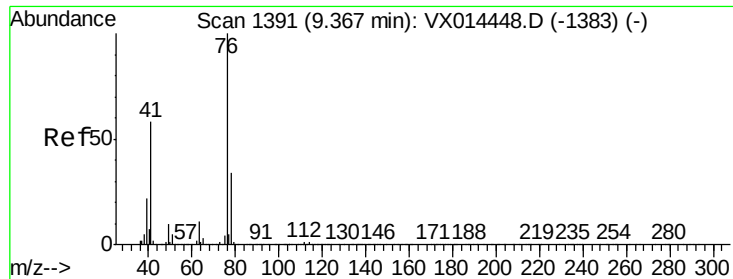


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

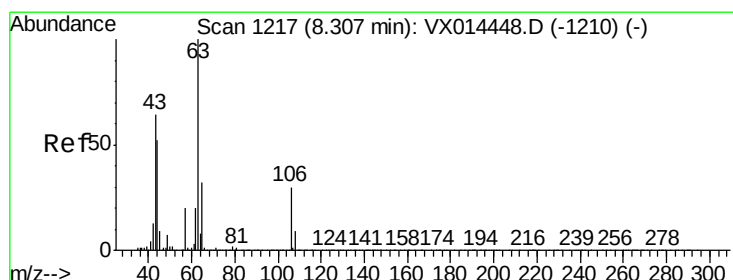
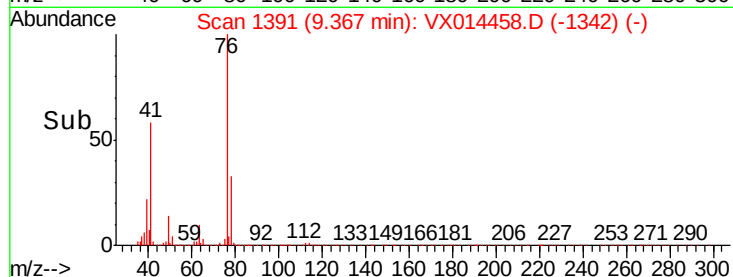
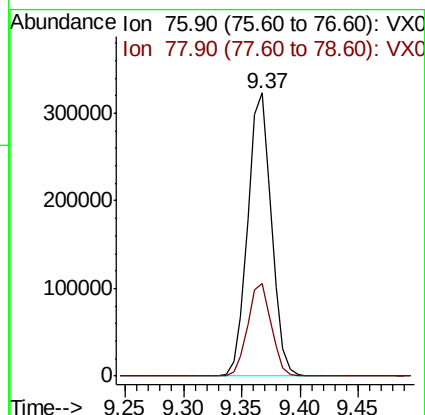
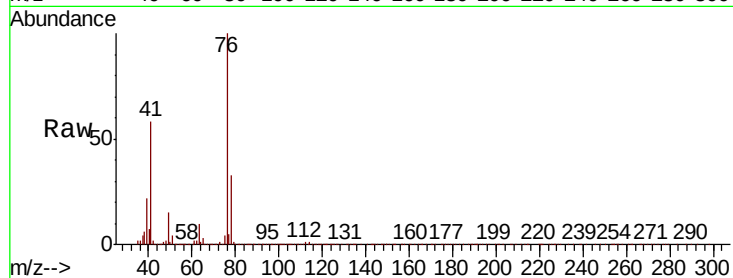




#57
 1,3-Dichloropropane
 Concen: 47.423 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

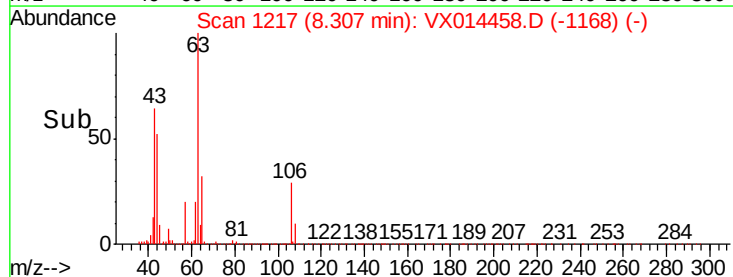
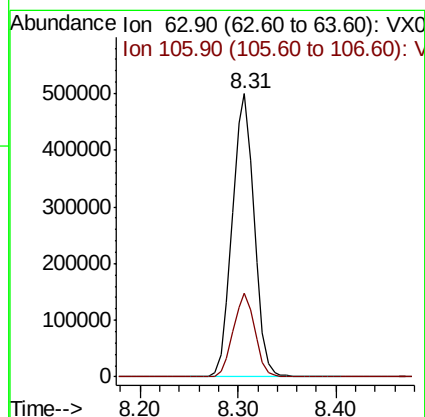
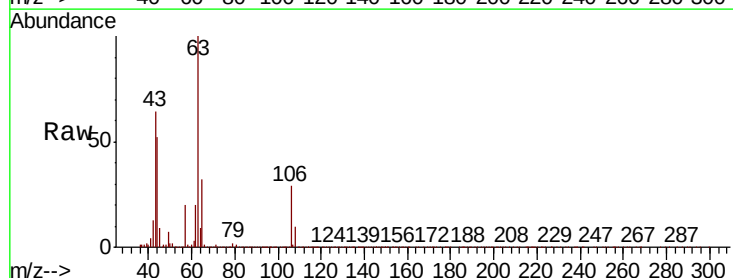
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

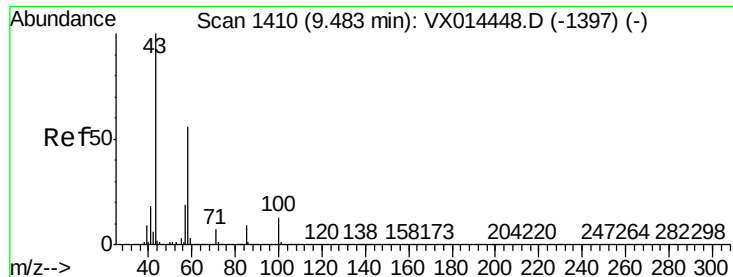
Tot Ion: 76 Resp: 461172
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6



#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

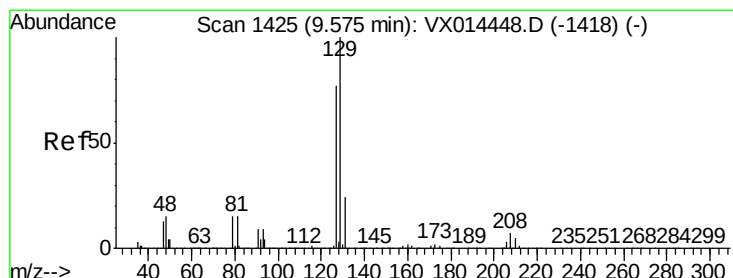
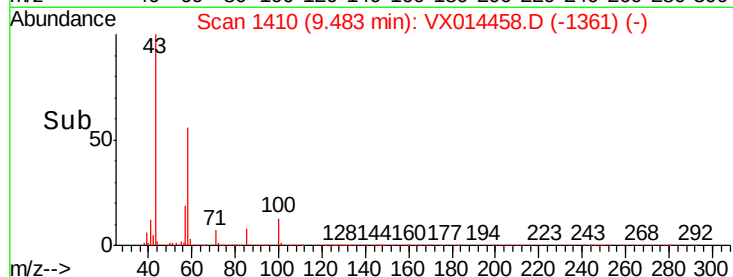
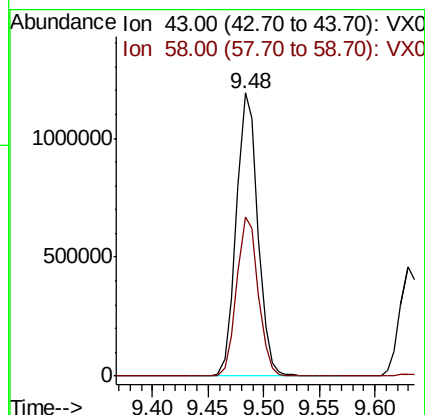
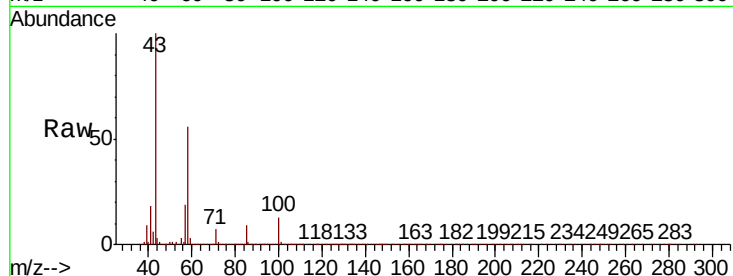




#59
2-Hexanone
Concen: 247.627 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

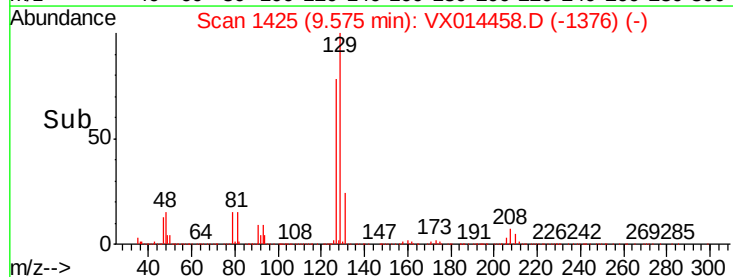
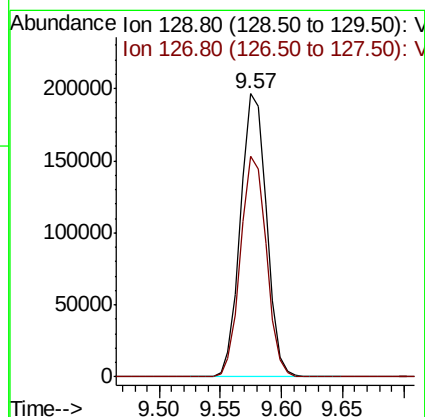
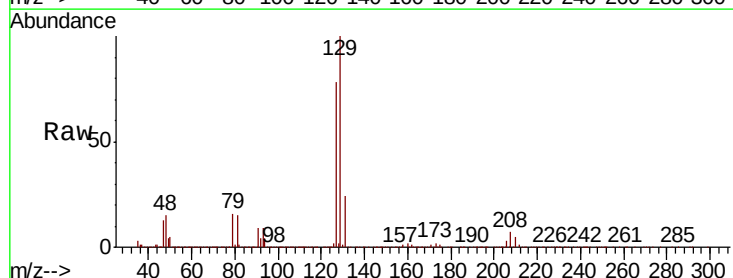
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

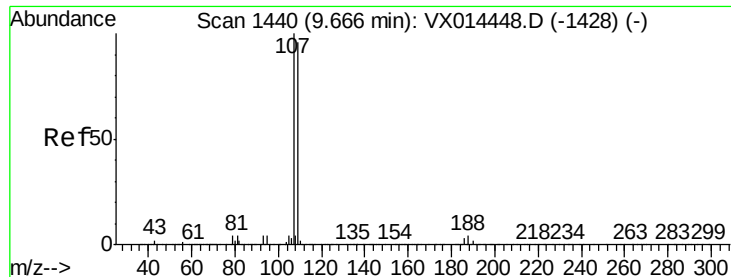
Tot Ion: 43 Resp: 1596733
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.7



#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 :

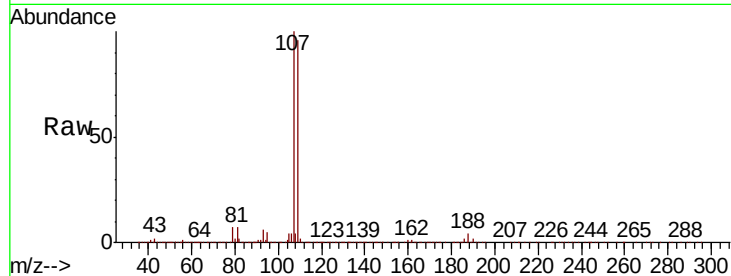
VSTDCCC050EC

Tot Ion:107 Resp: 287224

Ion Ratio Lower Upper

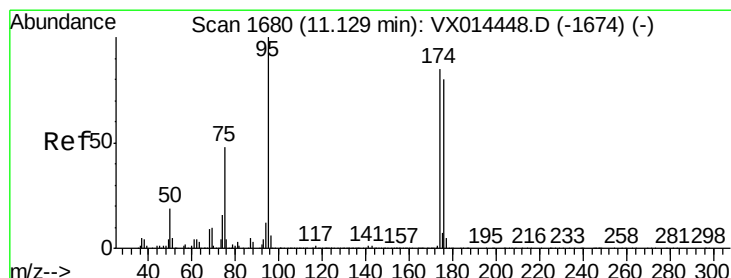
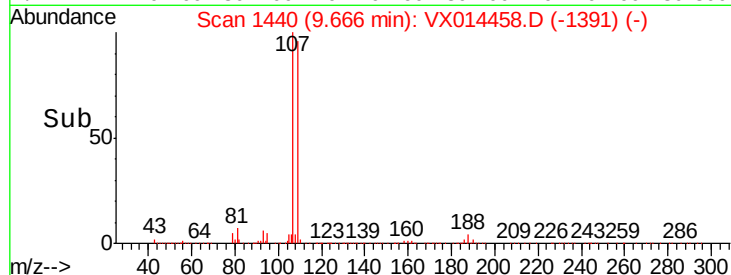
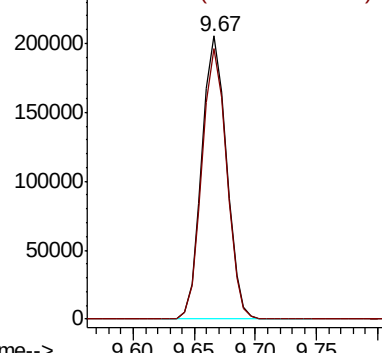
107 100

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

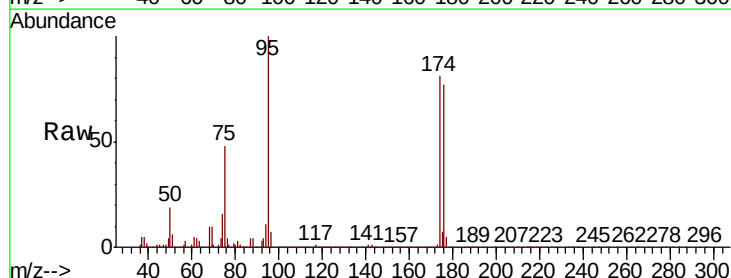
Tgt Ion: 95 Resp: 335778

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.8

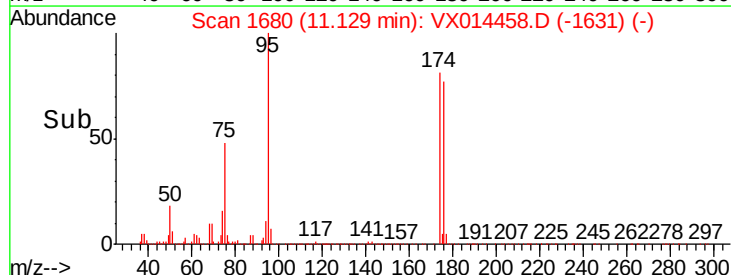
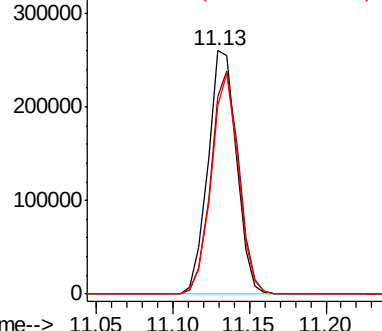
176 86.1 0.0 172.8

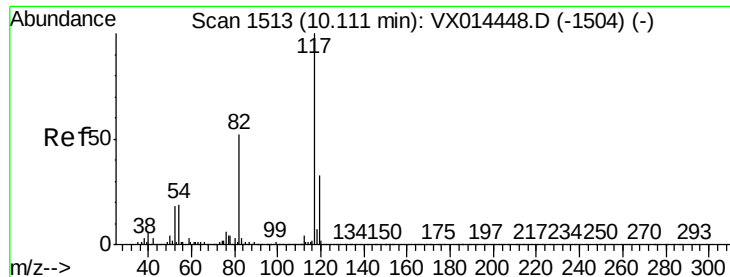


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

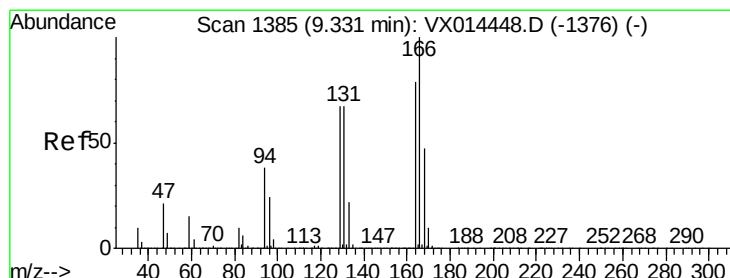
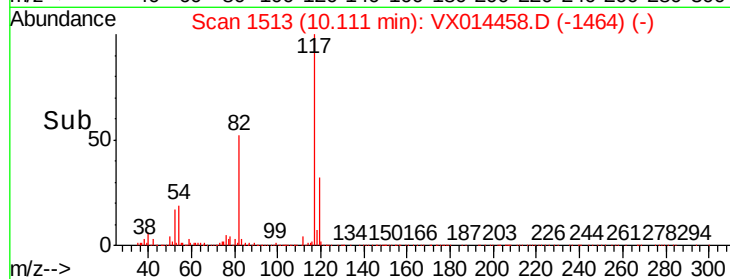
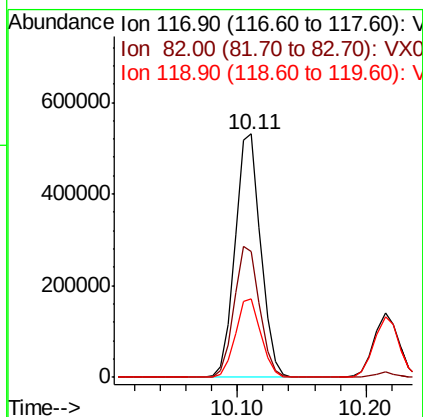
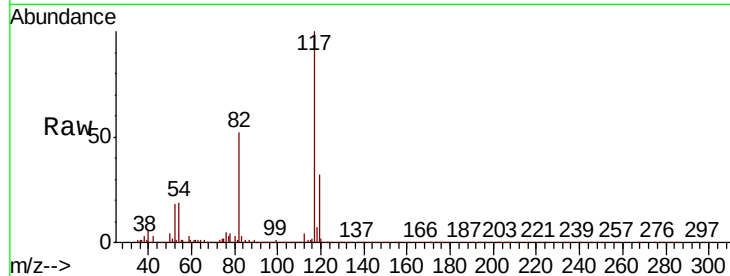




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

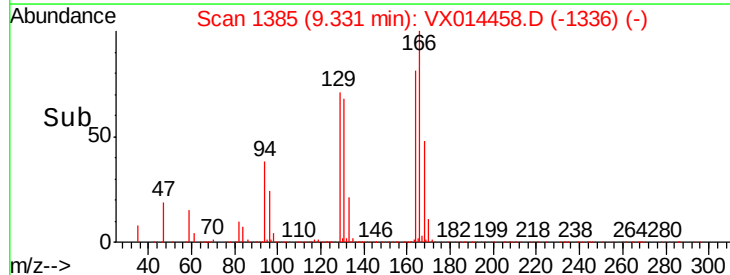
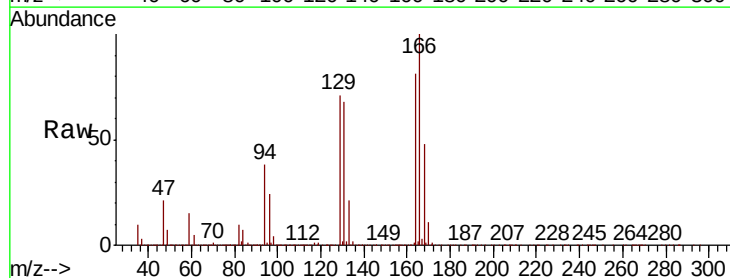
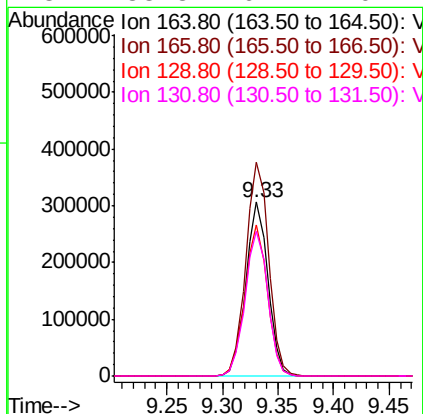
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

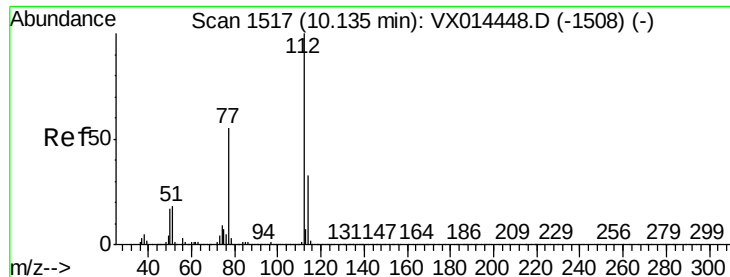
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.6
119	32.4	26.2	39.4



#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

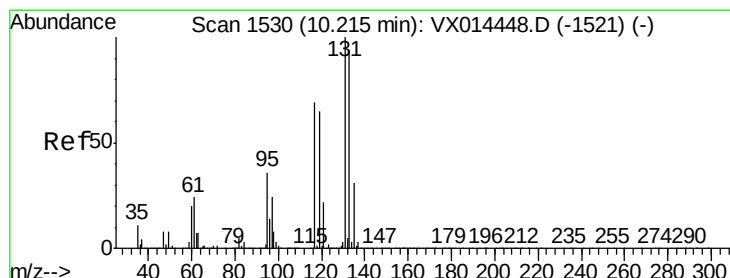
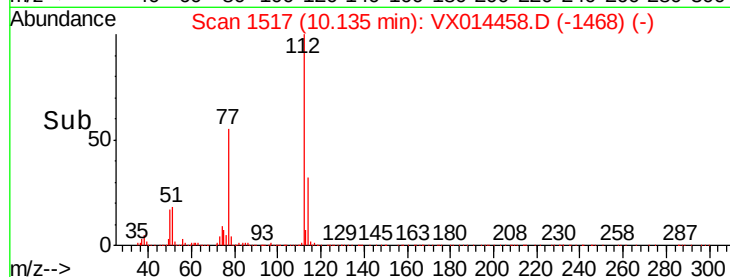
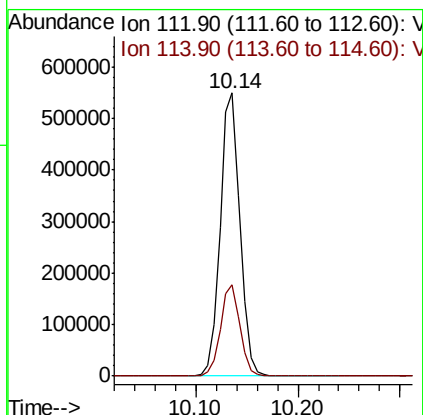
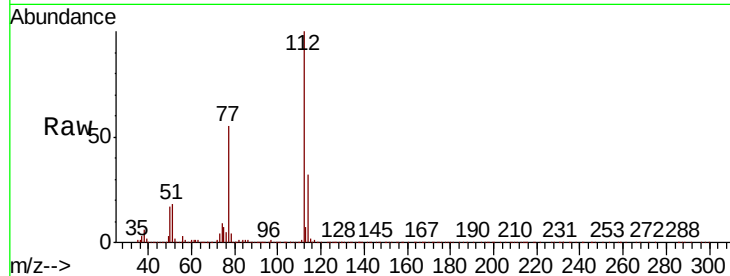




#65
Chlorobenzene
Concen: 46.527 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

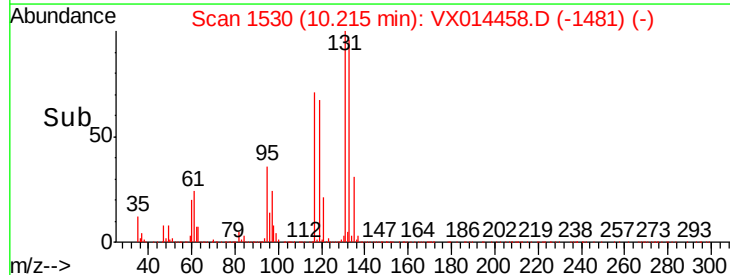
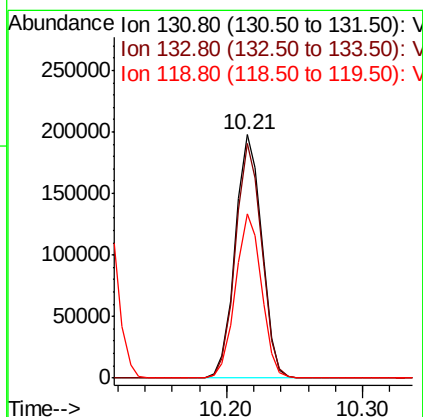
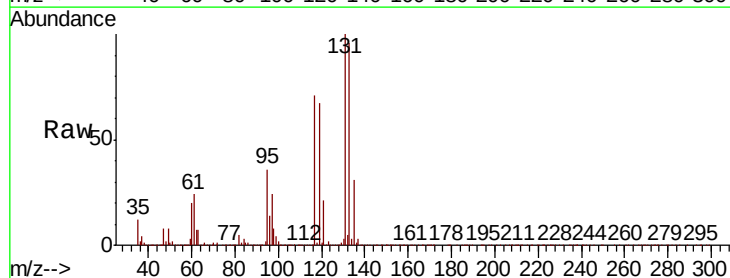
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

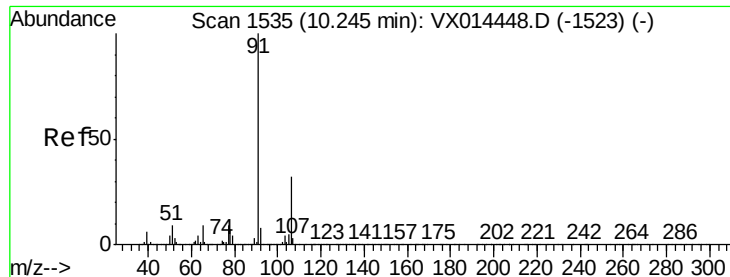
Tot Ion:112 Resp: 739433
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#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

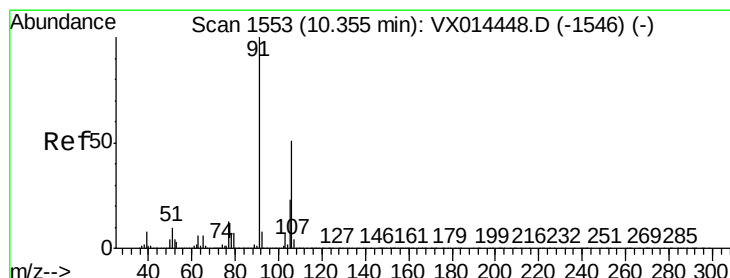
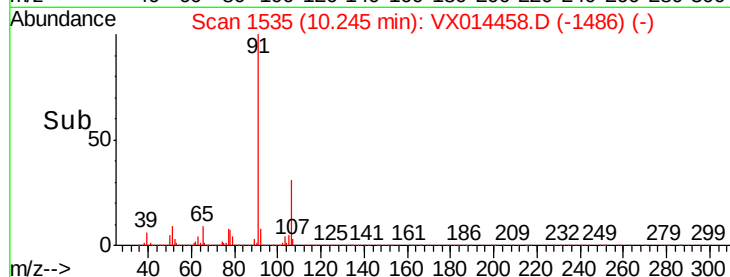
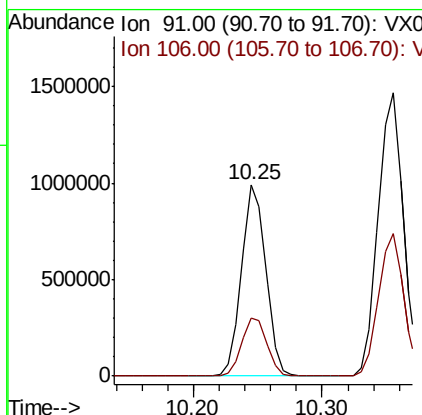
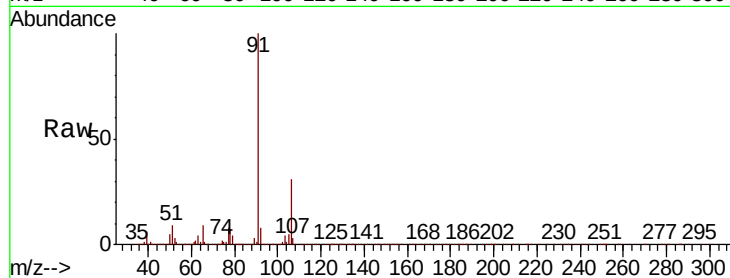




#67
Ethyl Benzene
Concen: 47.802 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

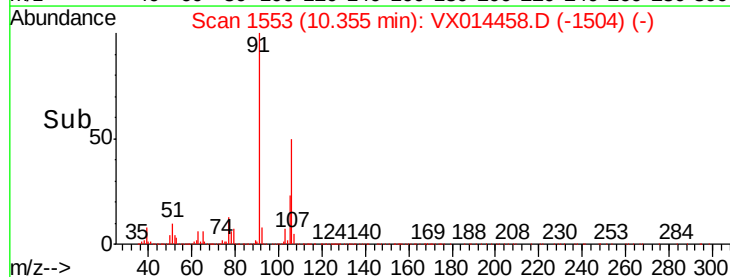
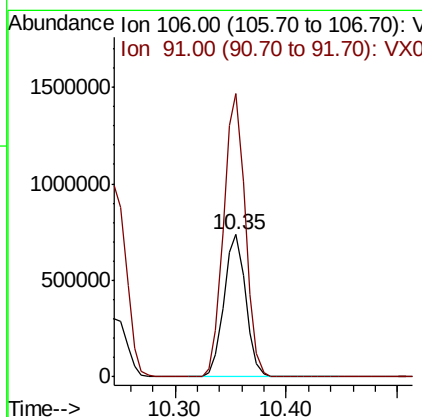
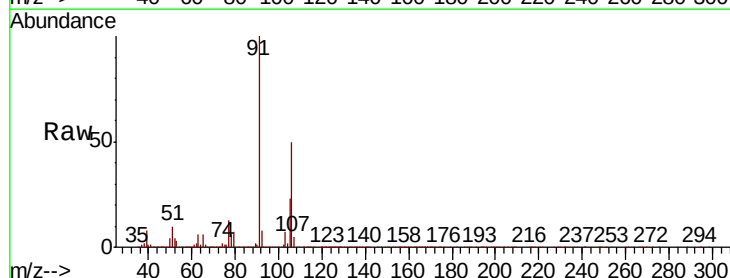
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

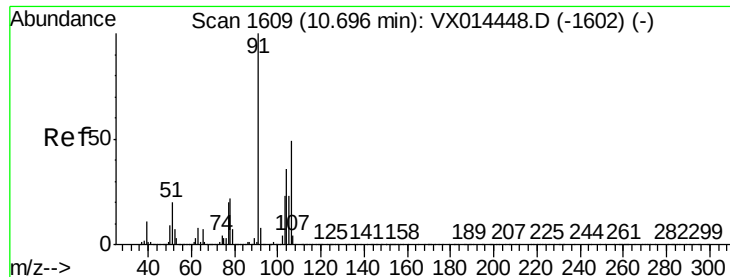
Tot Ion: 91 Resp: 1294860
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#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

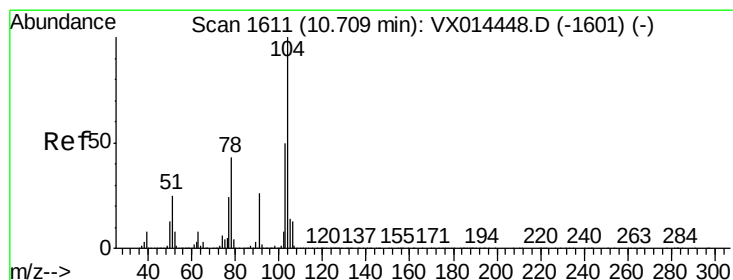
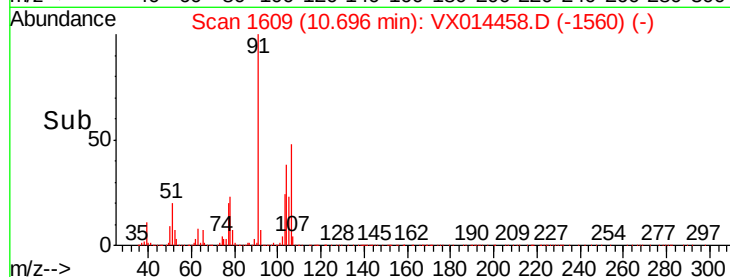
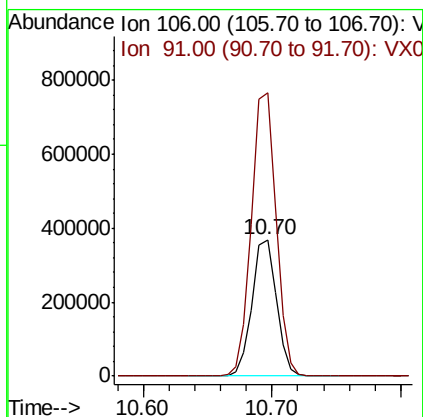
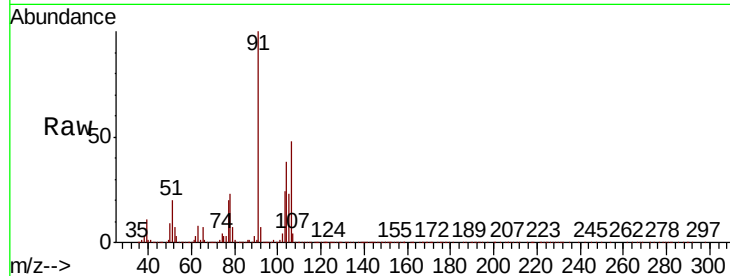




#69
o-Xylene
Concen: 48.055 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

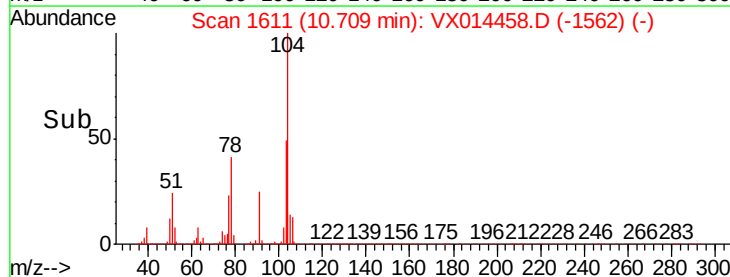
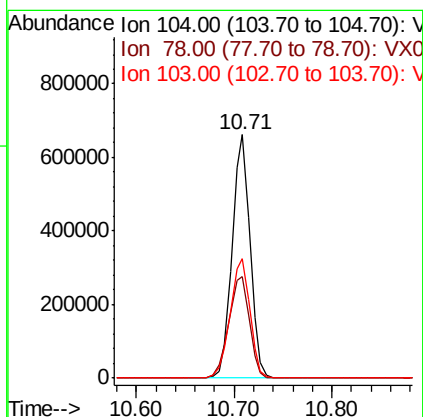
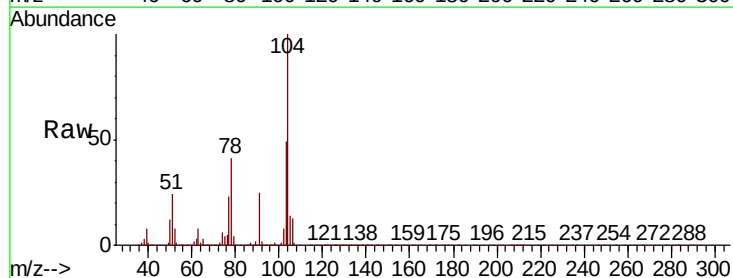
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

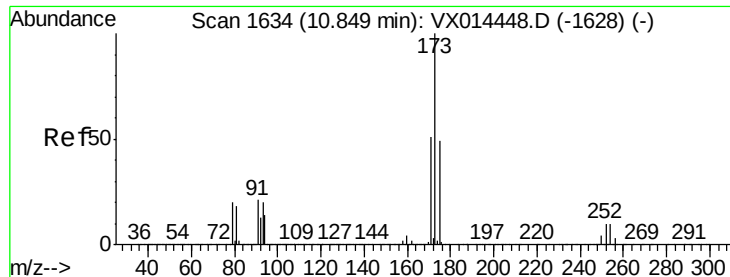
Tot Ion:106 Resp: 479162
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1



#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 :

VSTDCCC050EC

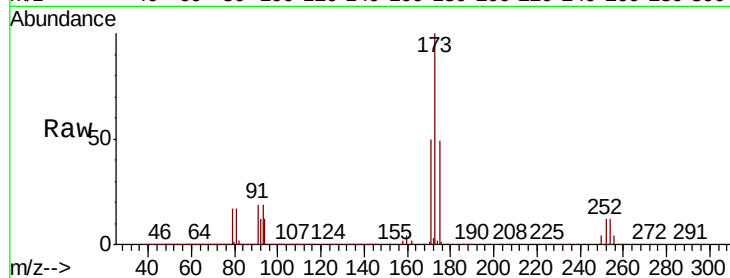
Tot Ion:173 Resp: 228802

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

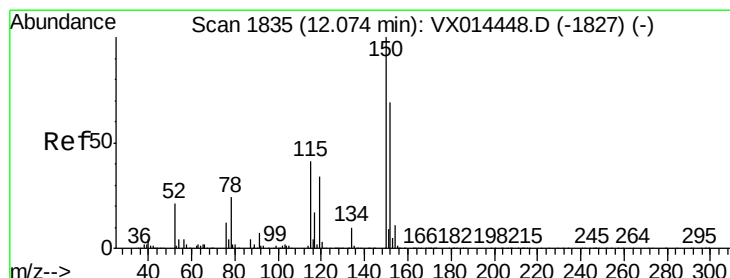
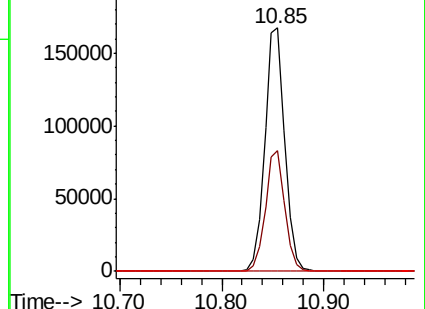
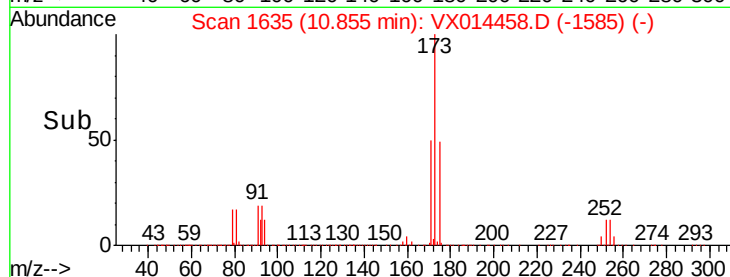
254 0.3 0.2 0.2#



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

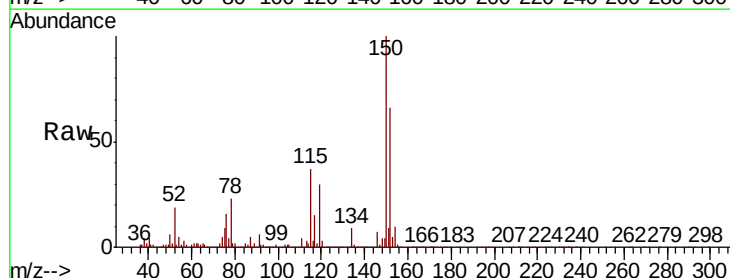
Tgt Ion:152 Resp: 391449

Ion Ratio Lower Upper

152 100

115 75.1 39.5 118.3

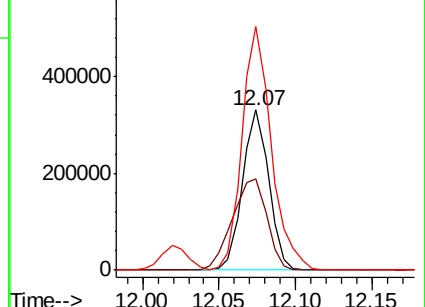
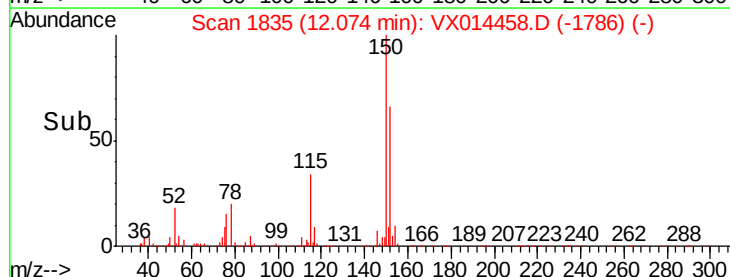
150 170.2 0.0 350.2

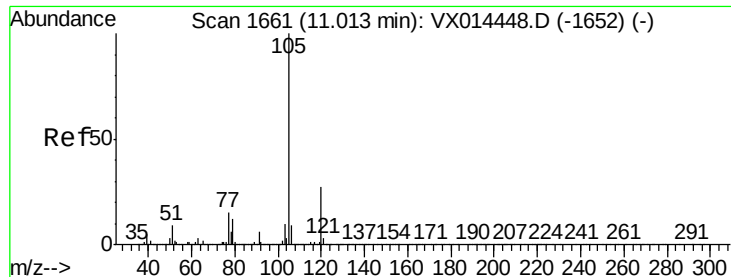


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

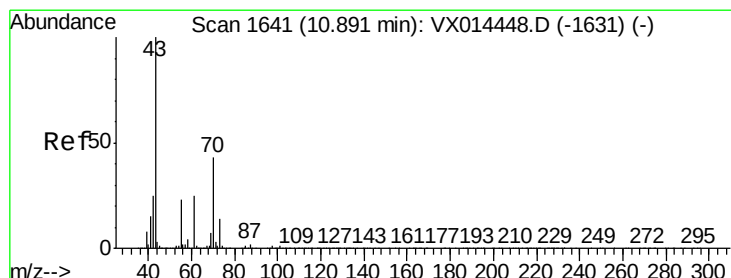
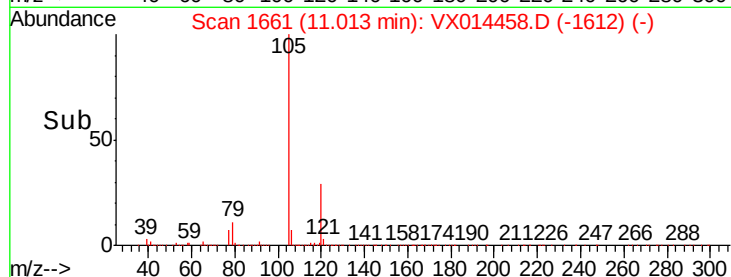
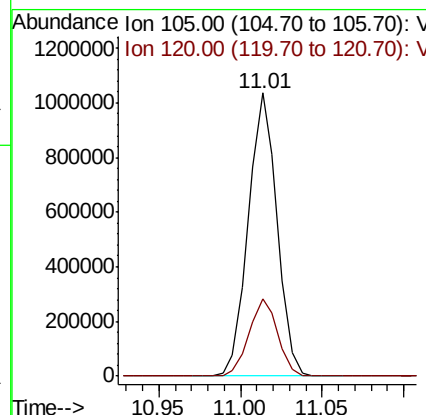
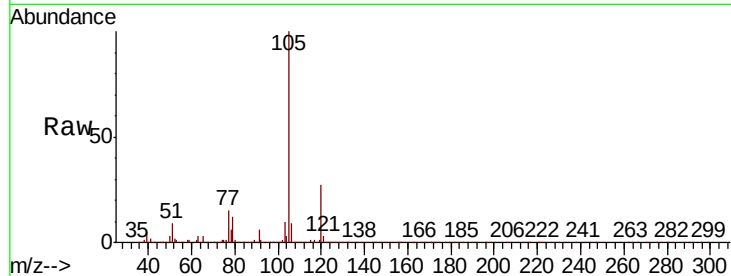




#73
Isopropylbenzene
Concen: 46.255 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

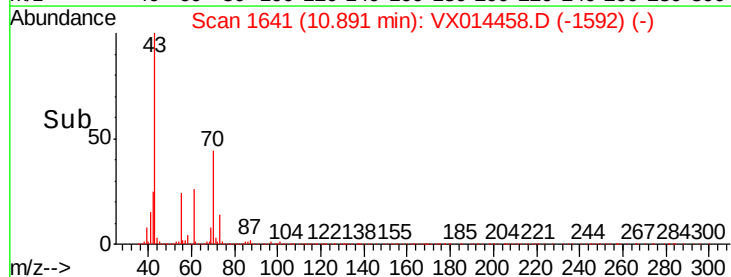
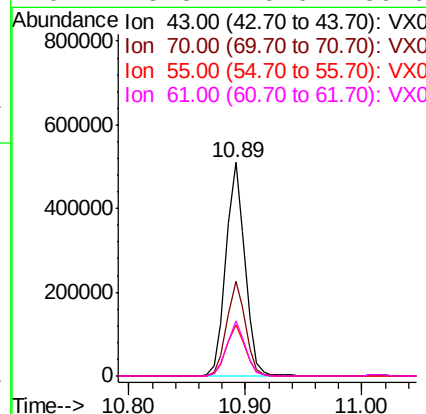
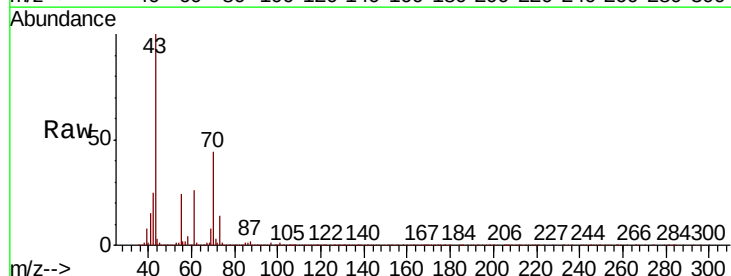
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

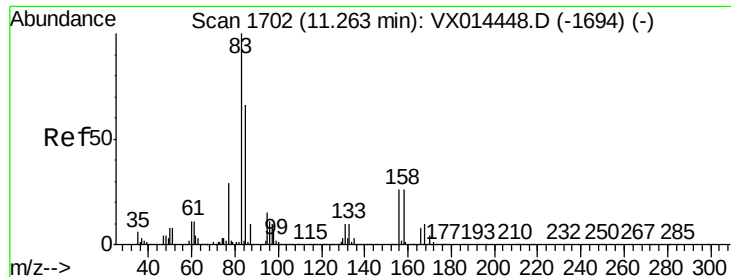
Tot Ion:105 Resp: 1271479
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#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





#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 :

VSTDCCC050EC

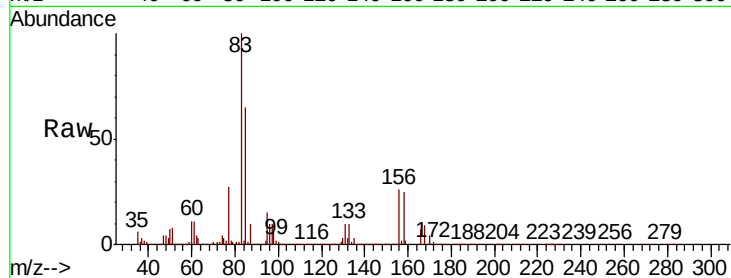
Tot Ion: 83 Resp: 388475

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.4
85	64.1	32.5	97.4

83 100

131 10.0 5.1 15.4

85 64.1 32.5 97.4

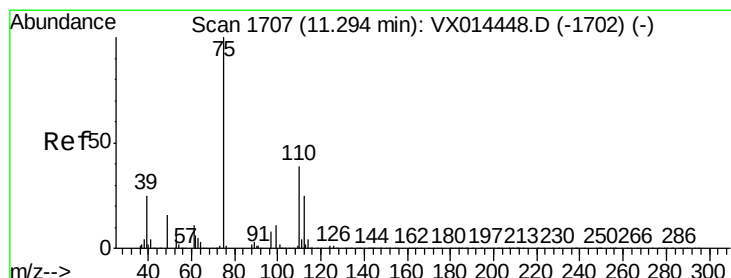
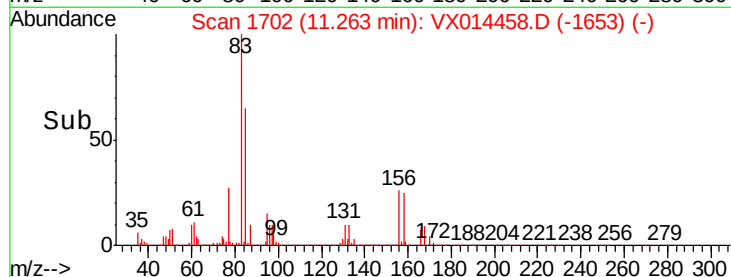
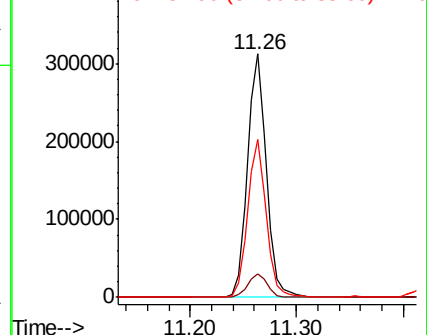


Abundance

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

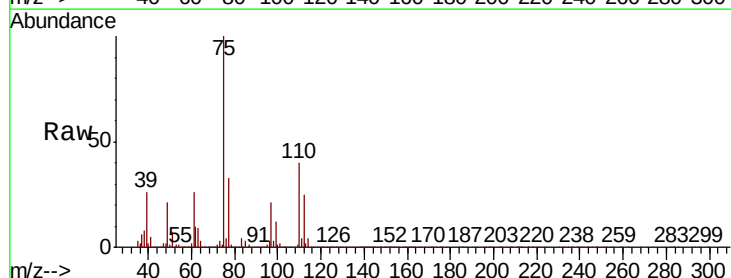
Acq: 07 Jan 2020 20:50

Tgt Ion: 75 Resp: 491283

Ion	Ratio	Lower	Upper
75	100		
77	30.6	21.9	65.7

75 100

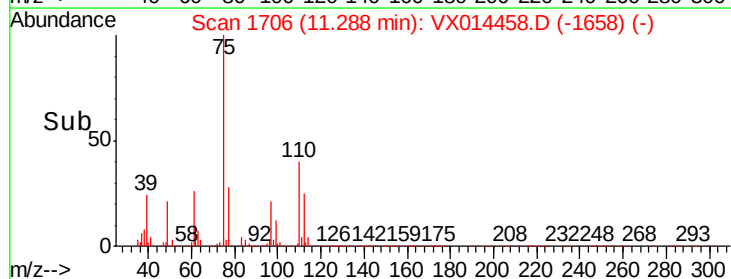
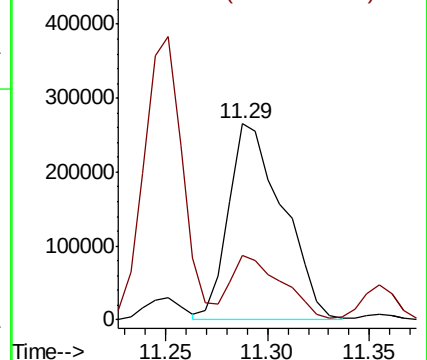
77 30.6 21.9 65.7

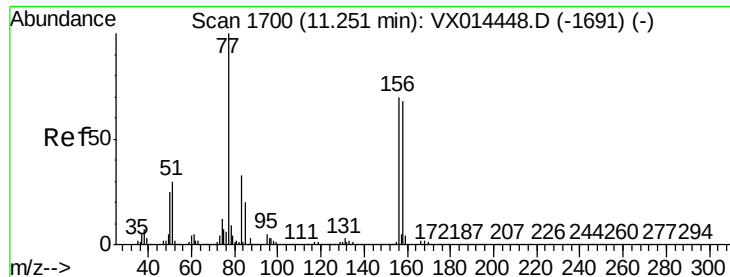


Abundance

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 :

VSTDCCC050EC

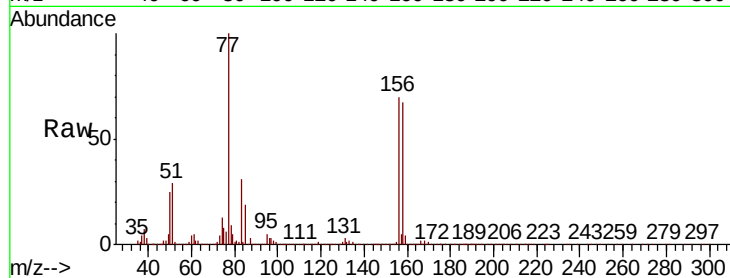
Tot Ion:156 Resp: 340099

Ion Ratio Lower Upper

156 100

77 148.7 75.4 226.3

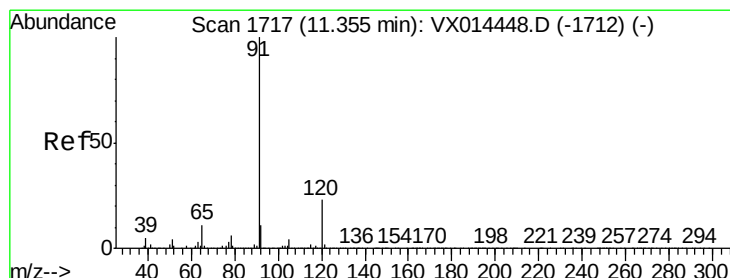
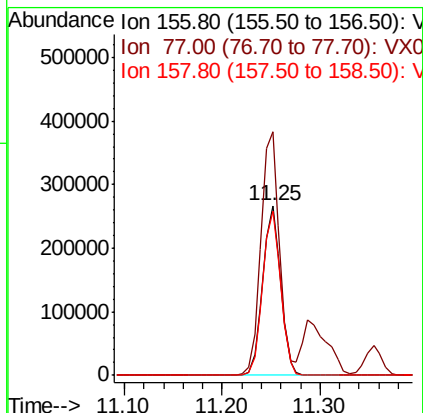
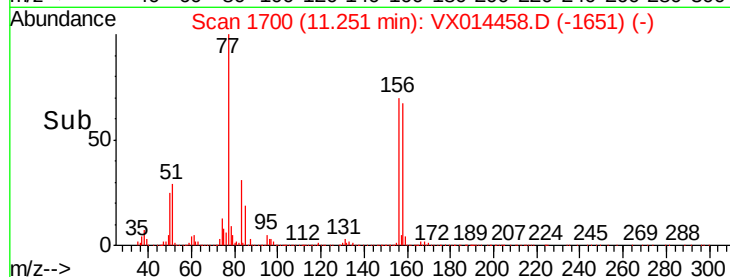
158 97.1 48.8 146.3



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

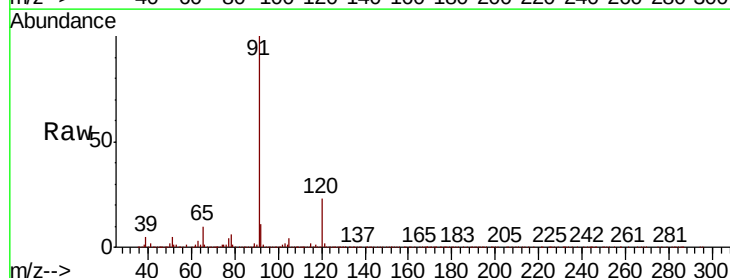
Acq: 07 Jan 2020 20:50

Tgt Ion: 91 Resp: 1465028

Ion Ratio Lower Upper

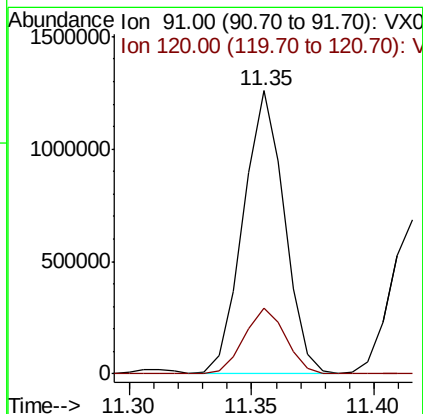
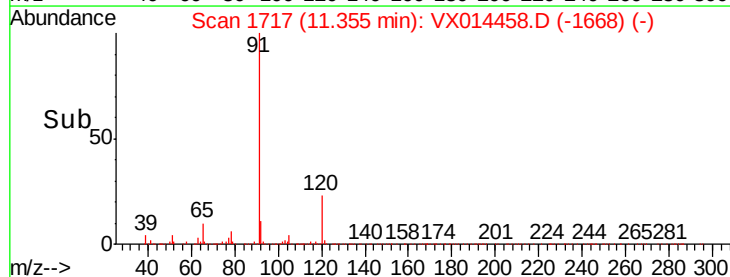
91 100

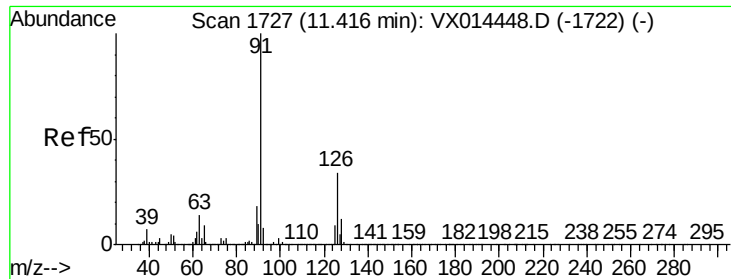
120 23.5 11.9 35.5



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 :

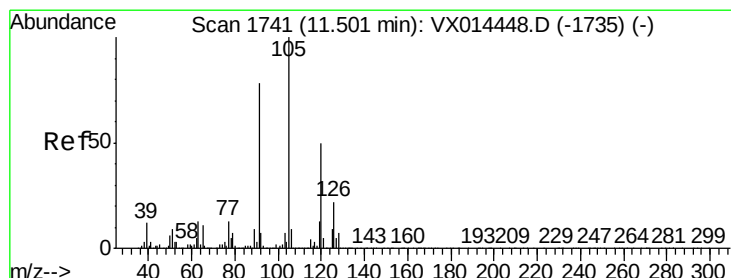
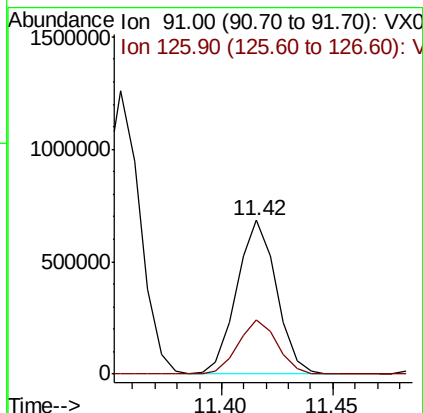
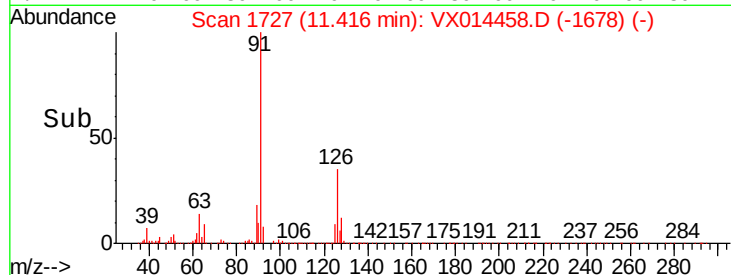
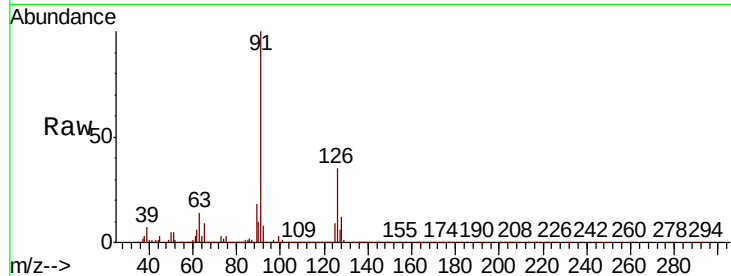
VSTDCCC050EC

Tot Ion: 91 Resp: 847858

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#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

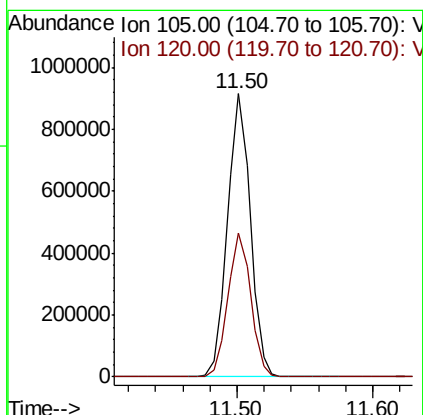
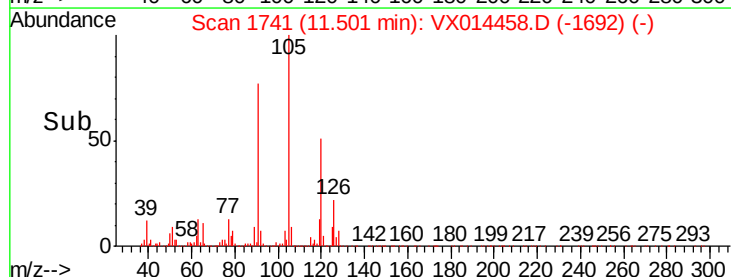
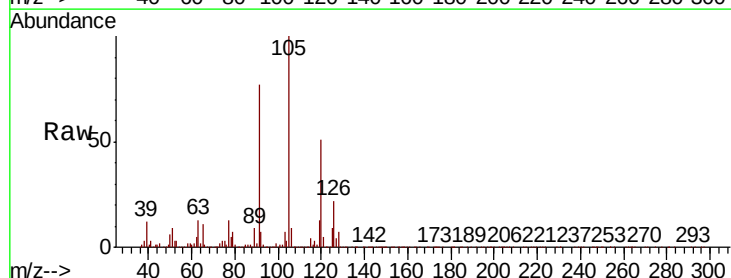
Acq: 07 Jan 2020 20:50

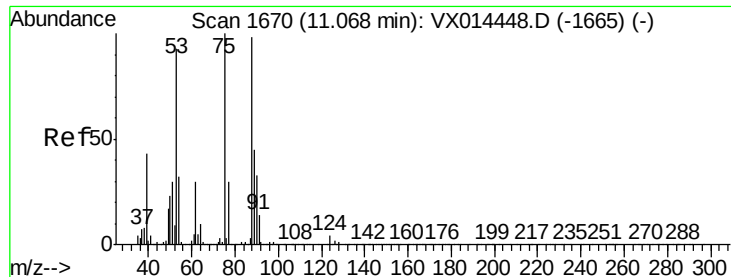
Tgt Ion: 105 Resp: 1064949

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6

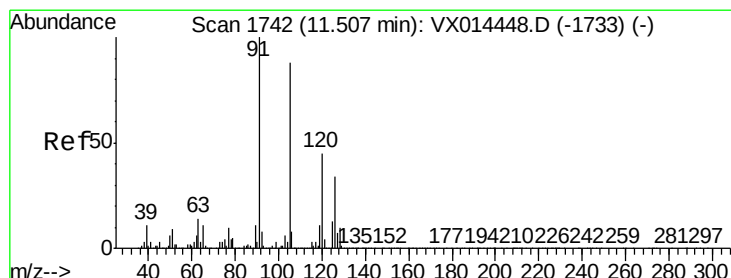
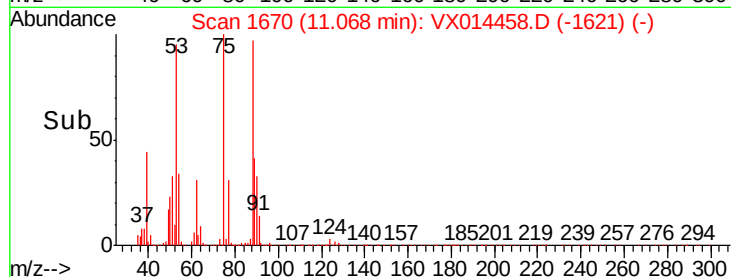
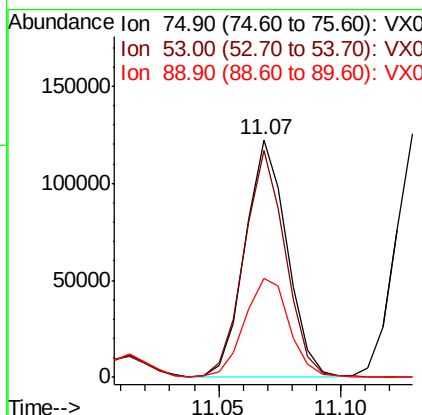
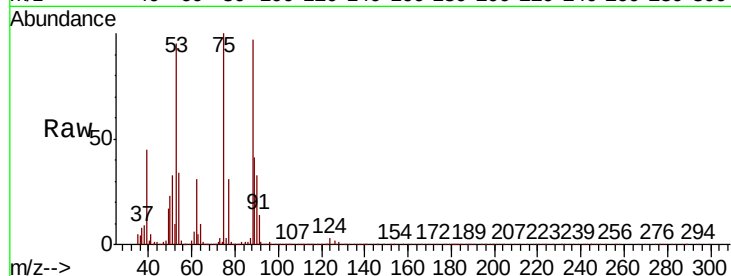




#81
trans-1,4-Dichloro-2-butene
Concen: 47.744 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

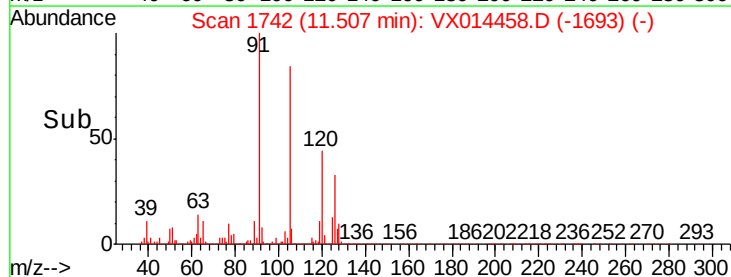
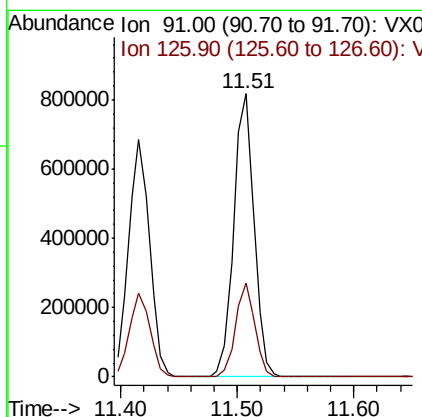
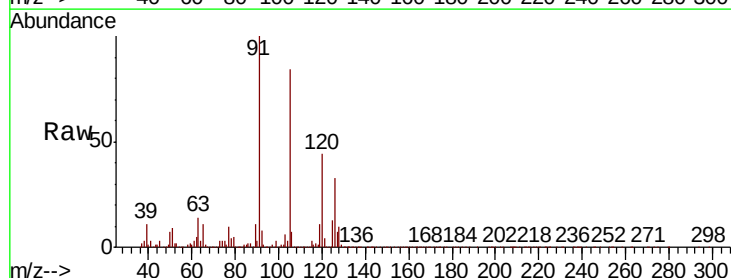
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

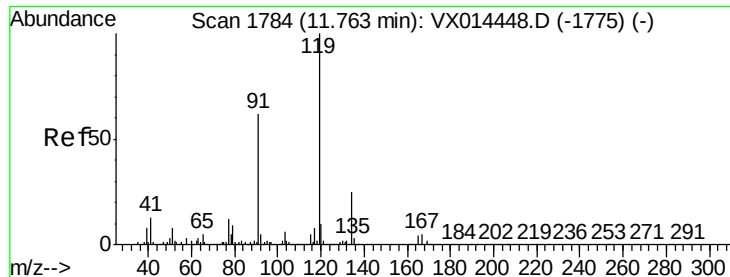
Tot Ion: 75 Resp: 146261
Ion Ratio Lower Upper
75 100
53 93.4 74.8 112.2
89 44.3 36.3 54.5



#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

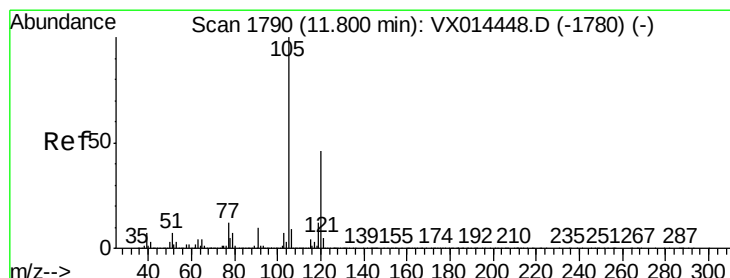
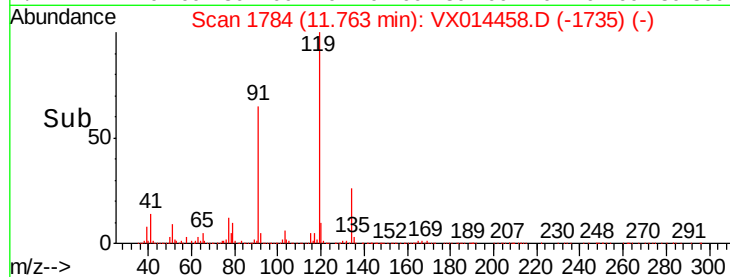
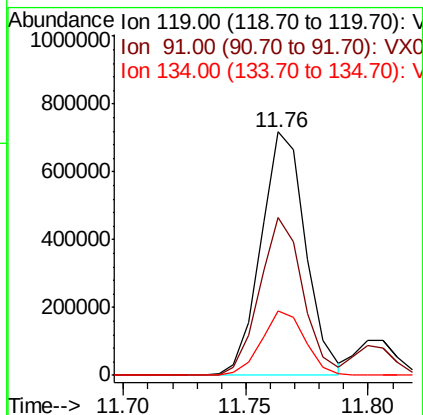
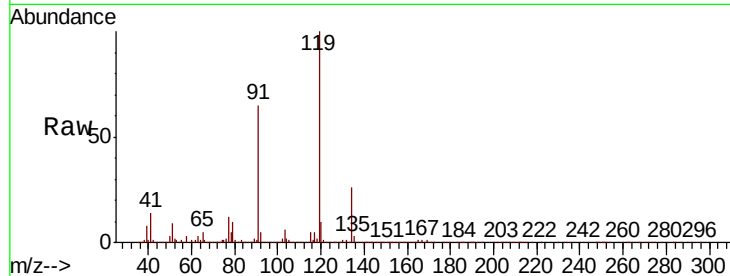




#83
 tert-Butylbenzene
 Concen: 42.593 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

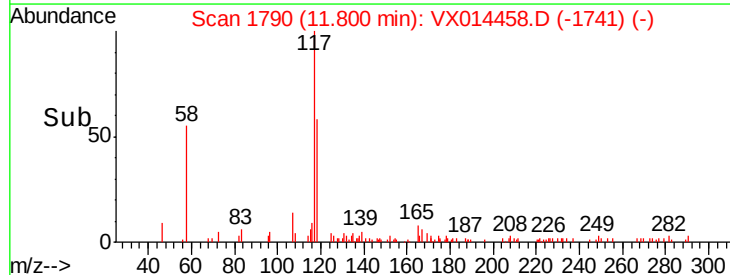
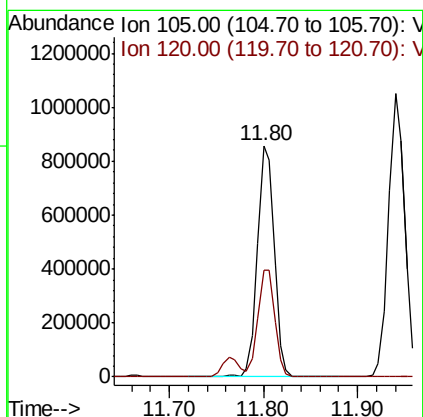
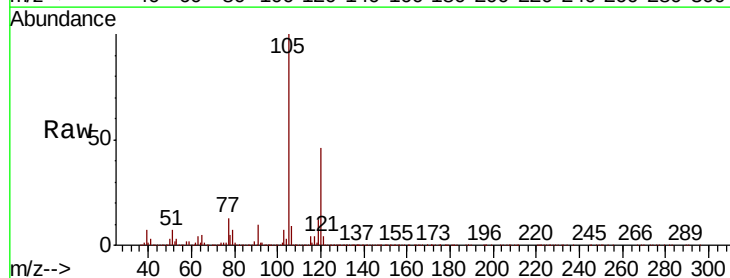
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

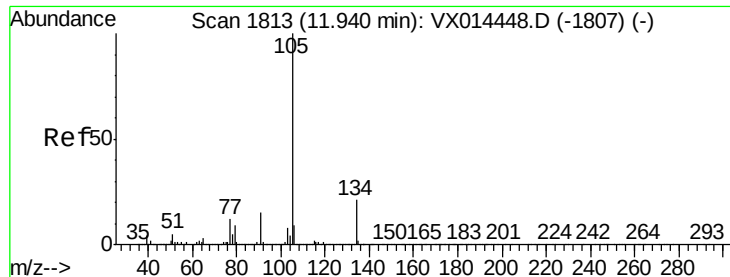
Tot Ion:119 Resp: 918443
 Ion Ratio Lower Upper
 119 100
 91 62.8 29.3 88.0
 134 25.8 12.4 37.4



#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 :

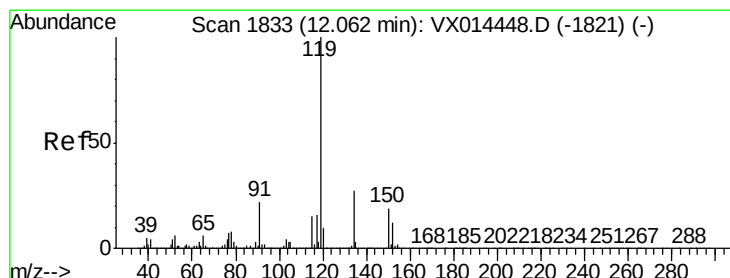
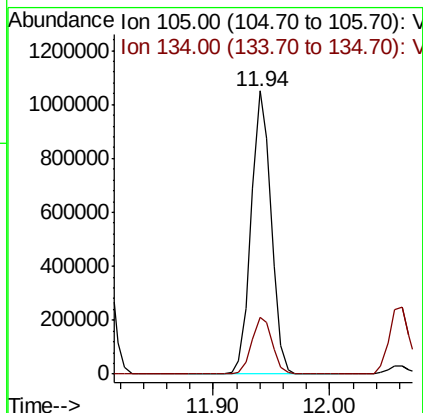
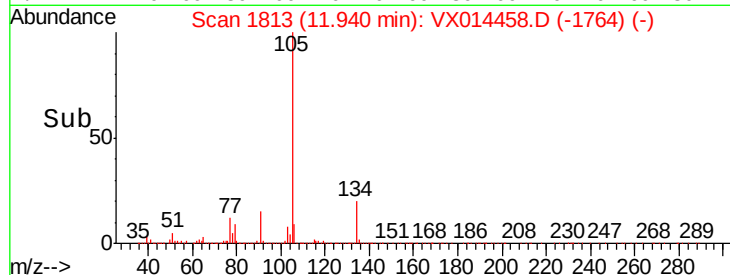
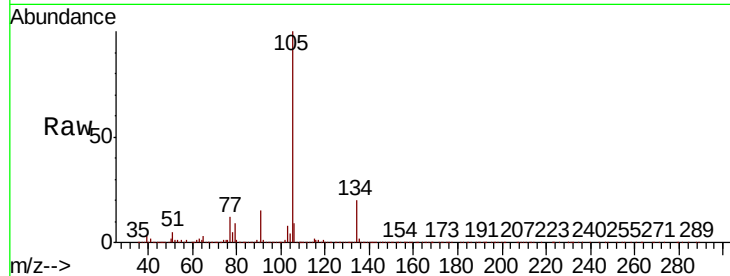
VSTDCCC050EC

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

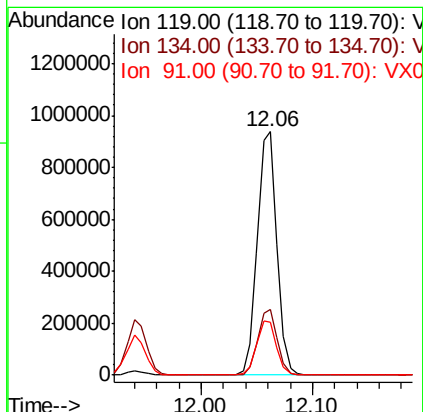
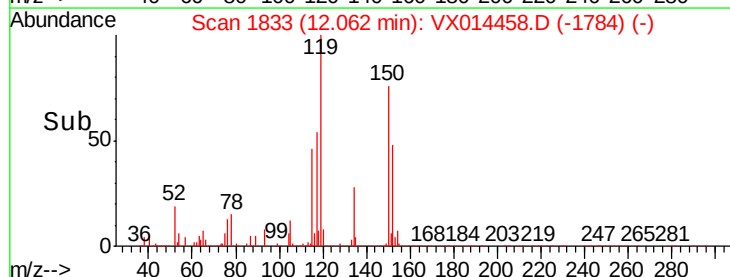
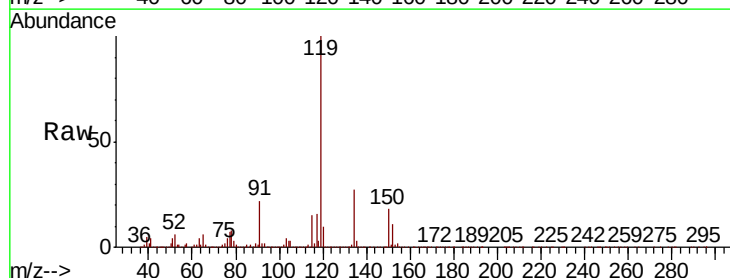
Tgt Ion:119 Resp: 1148830

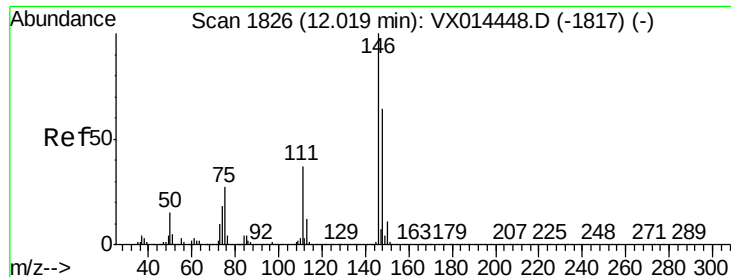
Ion Ratio Lower Upper

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

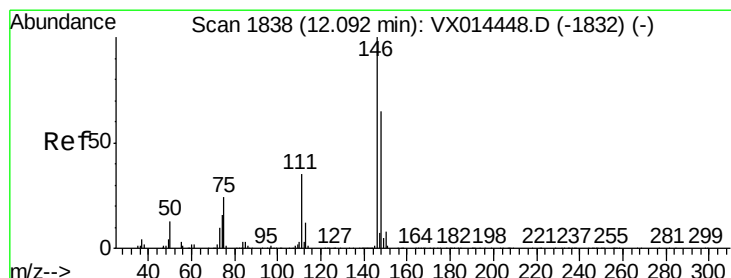
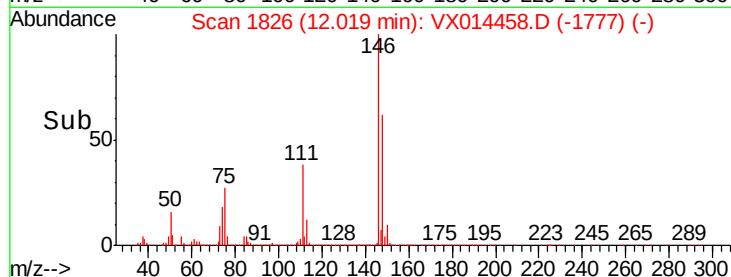
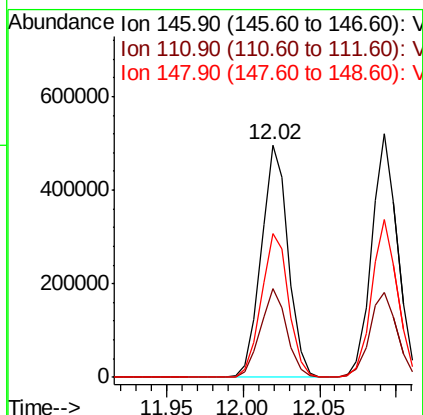
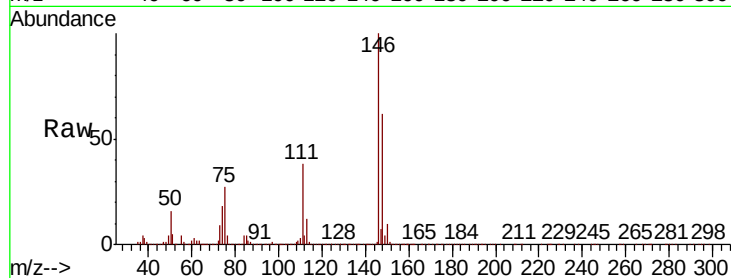
Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 608922

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

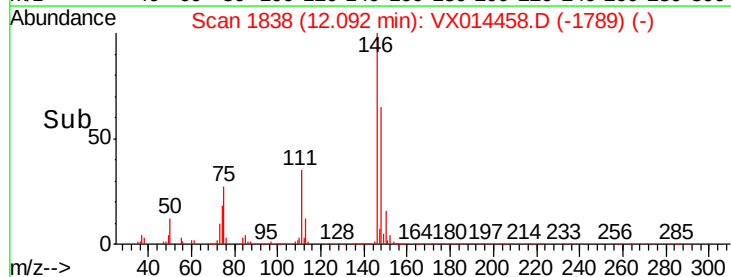
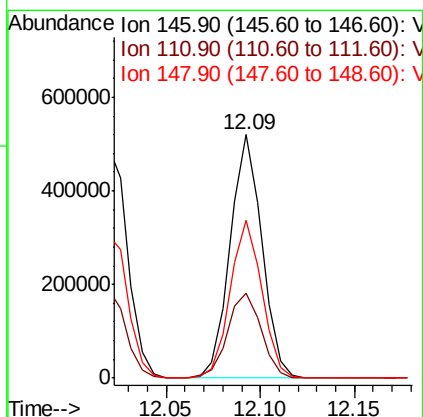
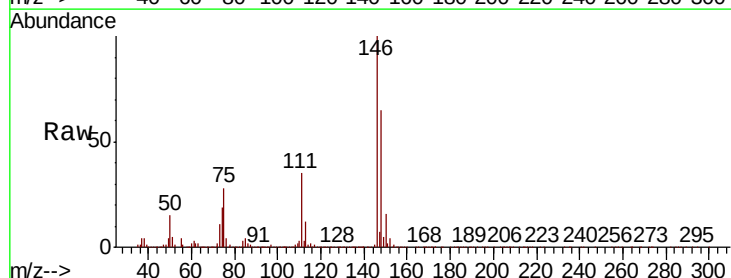
Delta R.T. 0.00 min

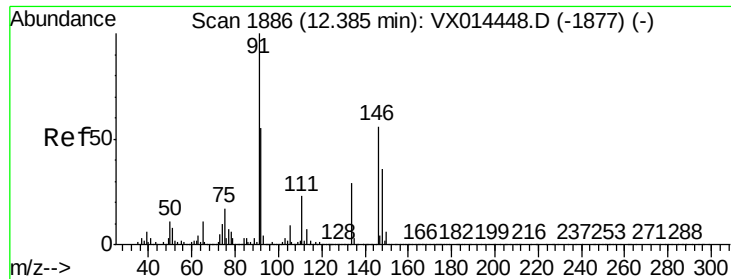
Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:146 Resp: 606617

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 :

VSTDCCC050EC

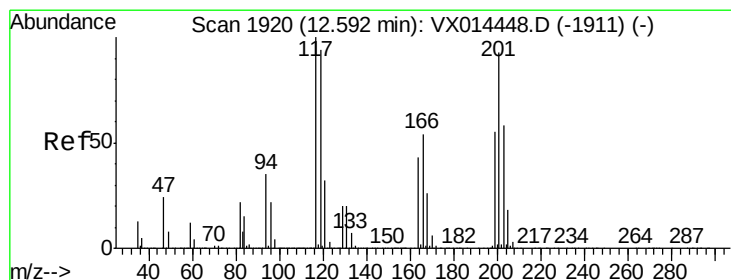
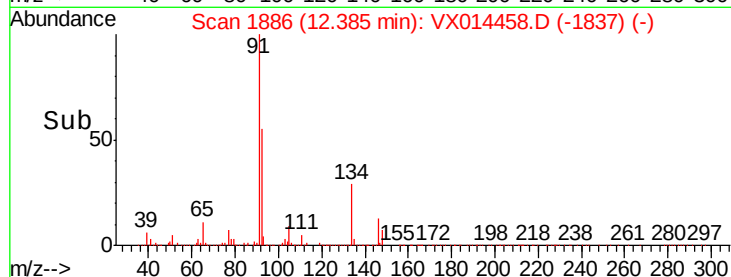
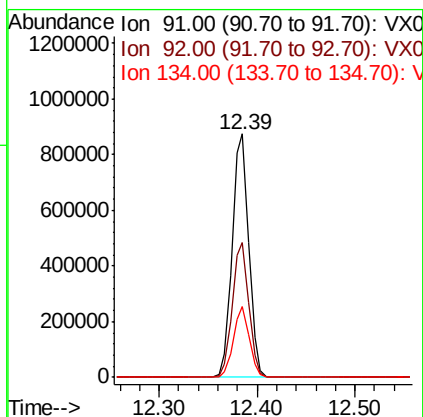
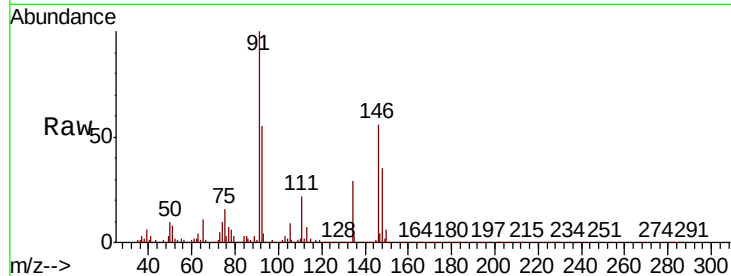
Tot Ion: 91 Resp: 1027660

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

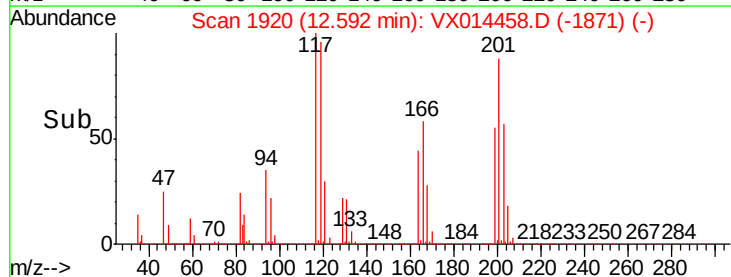
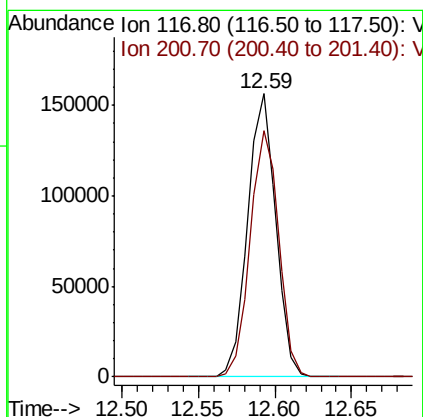
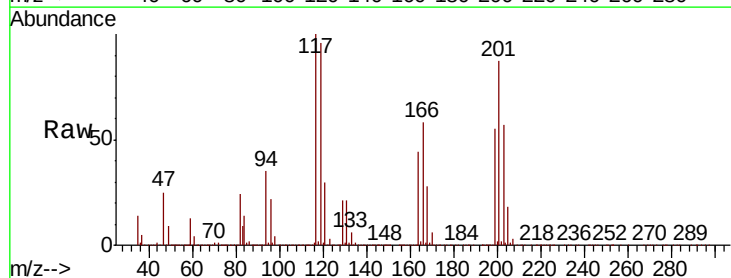
Acq: 07 Jan 2020 20:50

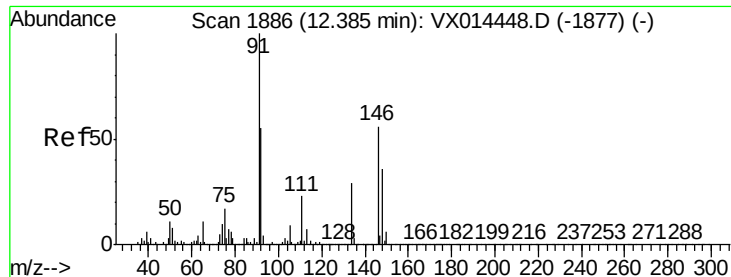
Tgt Ion: 117 Resp: 199211

Ion	Ratio	Lower	Upper
117	100		
201	88.9	44.8	134.3

117 100

201 88.9 44.8 134.3

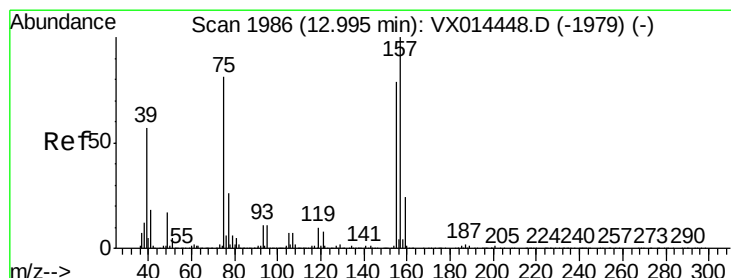
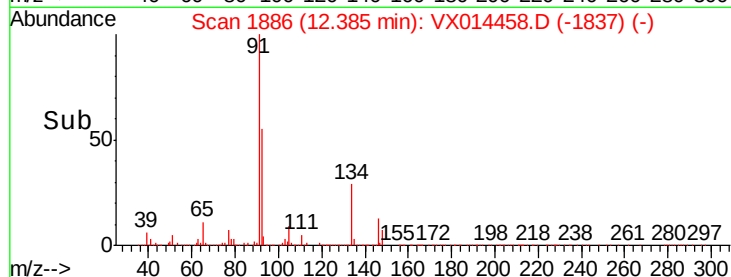
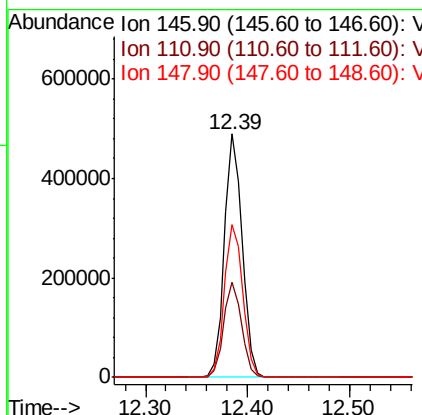
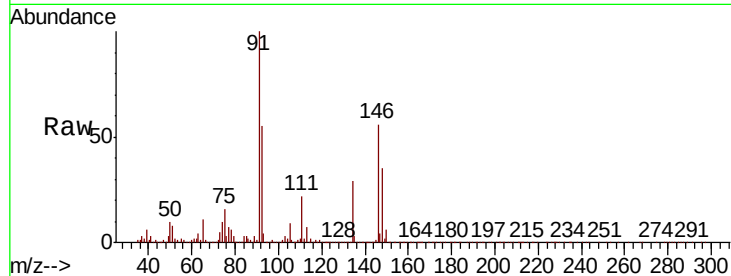




#91
 1,2-Dichlorobenzene
 Concen: 44.468 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

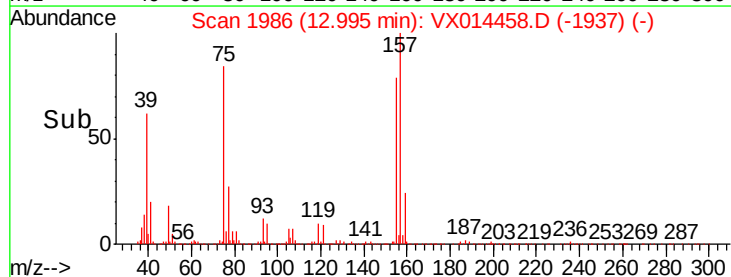
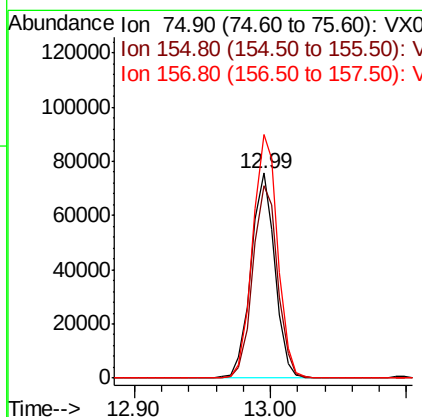
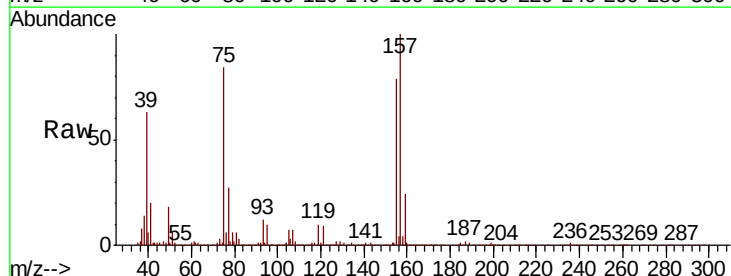
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

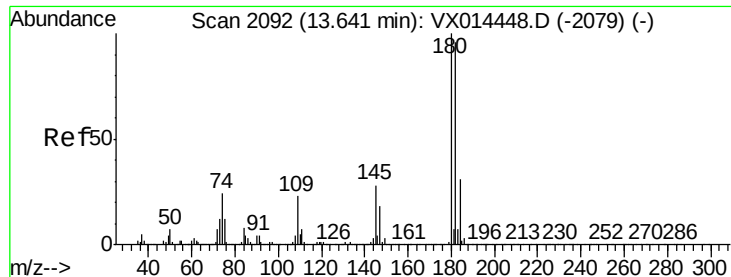
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	64.3	32.3	96.8



#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	Ratio	Lower	Upper
75	100		
155	97.9	48.7	146.1
157	124.1	62.0	185.9

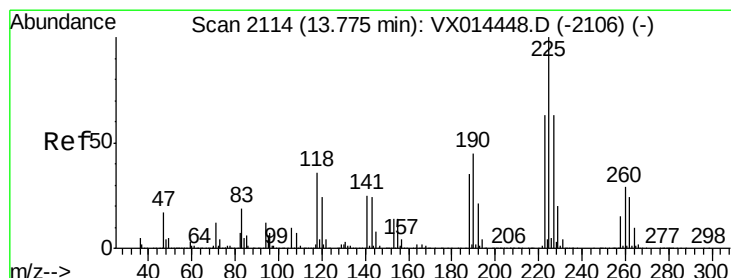
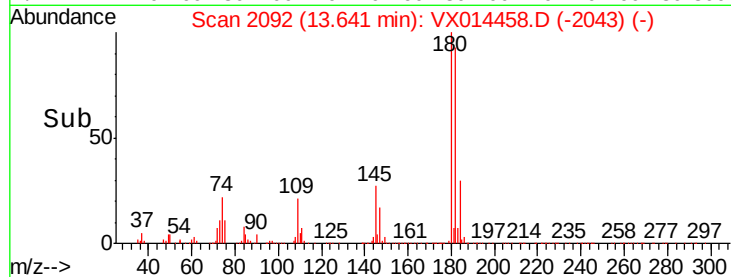
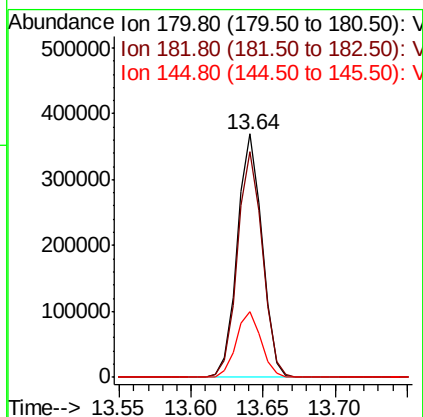
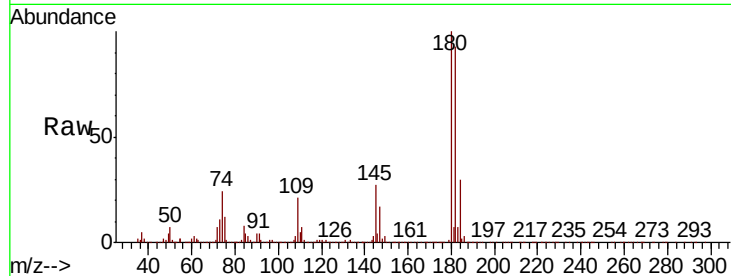




#93
 1,2,4-Trichlorobenzene
 Concen: 47.063 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

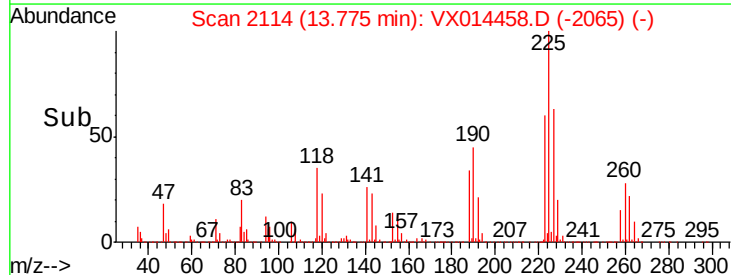
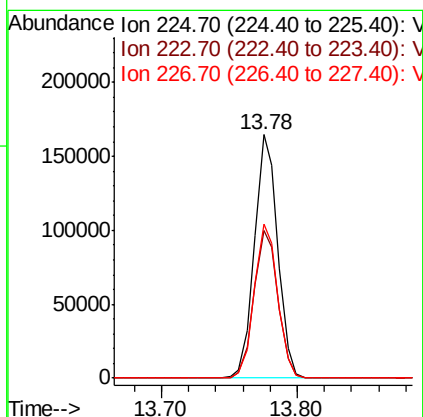
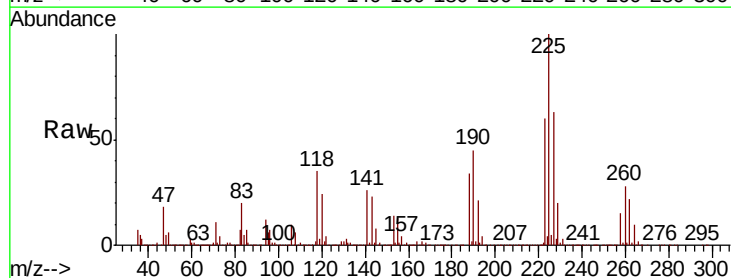
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

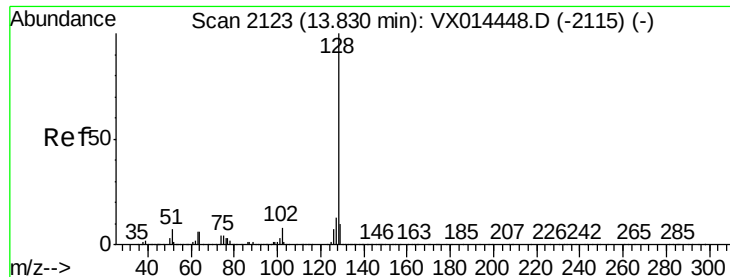
Tot Ion:180 Resp: 442792
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.5 142.5
 145 27.3 13.9 41.6



#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:225 Resp: 198549
 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

ClientSampleId :

VSTDCCC050EC

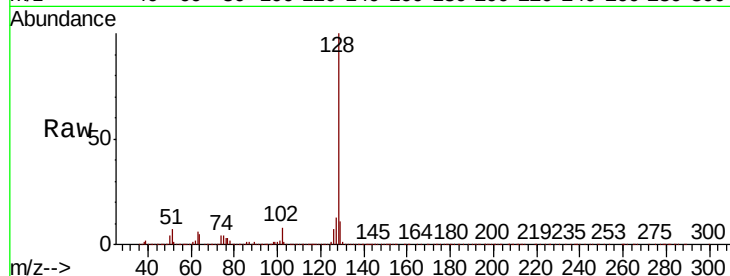
Tot Ion:128 Resp: 1325849

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

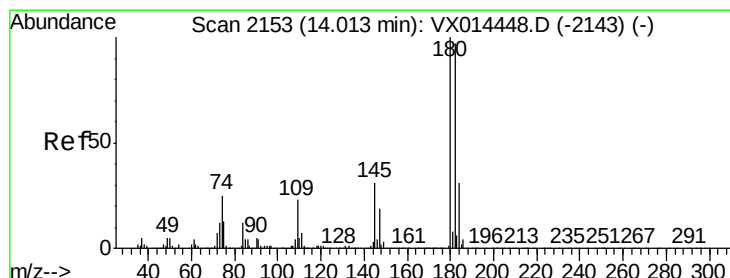
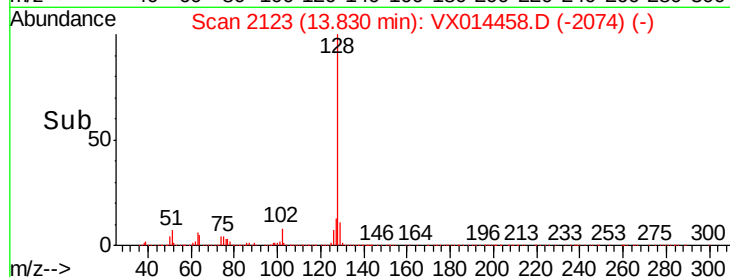
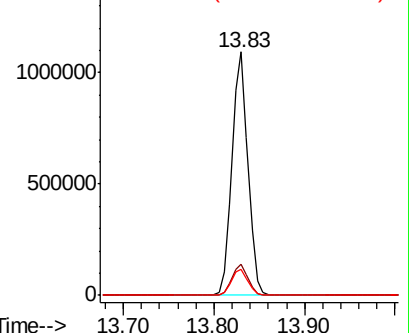
129 10.9 8.7 13.1



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

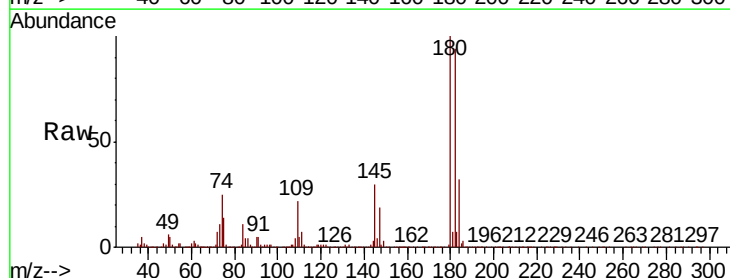
Tgt Ion:180 Resp: 431609

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

