

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018609.D
 Acq On : 25 Sep 2020 20:24
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 28 01:58:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	80194	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	391556	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	382871	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	193028	30.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.70%
60) 4-Bromofluorobenzene	11.12	95	191728	28.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.30%
63) Toluene-d8	8.70	98	487991	28.92	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	76068	17.926	ug/l 98
3) Chloromethane	1.31	50	80551	17.870	ug/l 93
4) Vinyl Chloride	1.39	62	89694	18.898	ug/l 99
5) Bromomethane	1.64	94	60354	18.690	ug/l 99
6) Chloroethane	1.72	64	57858	20.056	ug/l 97
7) Trichlorofluoromethane	1.92	101	150734	18.740	ug/l 96
8) Diethyl Ether	2.17	74	52740	20.798	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75795	18.443	ug/l 98
10) 1,1-Dichloroethene	2.36	96	74246	18.405	ug/l 92
11) Methyl Iodide	2.50	142	86409	21.699	ug/l 99
12) Methyl Acetate	2.75	43	116271	21.896	ug/l 97
13) Acrolein	2.28	56	22625	52.793	ug/l 99
14) Acrylonitrile	3.12	53	243288	101.110	ug/l 97
15) Acetone	2.43	58	61221	93.581	ug/l 89
16) Carbon Disulfide	2.56	76	218415	18.594	ug/l 99
17) Allyl chloride	2.71	41	140765	19.522	ug/l 96
18) Methylene Chloride	2.84	84	91740	19.376	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	86802	19.380	ug/l 97
20) Diisopropyl ether	3.82	45	292263	20.475	ug/l 90
21) 1,1-Dichloroethane	3.67	63	163244	19.924	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	96891	19.552	ug/l 94
23) tert-Butyl Alcohol	3.04	59	91307	87.568	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	293808	20.486	ug/l 100
25) Chloroform	5.18	83	174353	19.939	ug/l 97
26) Cyclohexane	5.56	56	119667	18.095	ug/l # 49
29) 1,1-Dichloropropene	5.78	75	117487	19.657	ug/l 98
30) 2-Butanone	4.64	43	332233	101.518	ug/l 99
31) 2,2-Dichloropropane	4.56	77	136044	18.844	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	160491	20.514	ug/l 100
33) Carbon Tetrachloride	5.75	117	143596	19.698	ug/l 98
34) Benzene	6.12	78	347817	20.386	ug/l 97
35) Methacrylonitrile	5.01	41	71818	20.823	ug/l 92
36) 1,2-Dichloroethane	6.17	62	153573	21.749	ug/l # 100
37) Trichloroethene	7.19	130	98096	19.883	ug/l 96
38) Methylcyclohexane	7.44	83	119838	18.823	ug/l 98
39) 1,2-Dichloropropane	7.49	63	95217	20.837	ug/l 96
40) Dibromomethane	7.64	93	70481	21.359	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	143679	21.008	ug/l	93
42) Vinyl Acetate	3.79	43	1305111	106.889	ug/l	100
43) Ethyl Acetate	4.79	43	138404	21.268	ug/l	100
44) Isopropyl Acetate	6.41	43	220312	21.007	ug/l	98
45) 1,4-Dioxane	7.74	88	25258	288.286	ug/l #	90
46) Methyl methacrylate	7.75	41	109154	21.148	ug/l	98
47) n-amyl Acetate	10.88	43	185518	20.131	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	156287	21.273	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	161182	20.885	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	98515	21.425	ug/l	96
51) Ethyl methacrylate	9.16	69	139806	20.989	ug/l	98
52) 1,3-Dichloropropane	9.35	76	159434	20.890	ug/l	98
53) Dibromochloromethane	9.57	129	118110	20.658	ug/l	100
54) 1,2-Dibromoethane	9.65	107	107929	21.396	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	379546	109.116	ug/l	99
56) Bromoform	10.84	173	88556	20.386	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	683562	103.801	ug/l	99
59) 2-Hexanone	9.48	43	514884	103.225	ug/l	99
61) Tetrachloroethene	9.32	164	87877	18.403	ug/l	95
62) Toluene	8.77	91	383438	19.900	ug/l	98
64) Chlorobenzene	10.12	112	246679	19.922	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	101184	20.177	ug/l	97
66) Ethyl Benzene	10.24	91	410754	19.292	ug/l	99
67) m/p-Xylenes	10.34	106	320851	39.406	ug/l	99
68) o-Xylene	10.68	106	153309	19.927	ug/l	99
69) Styrene	10.70	104	268791	20.025	ug/l	98
70) Isopropylbenzene	11.00	105	410725	19.197	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	146524	20.957	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	166382	24.769	ug/l	91
73) Bromobenzene	11.24	156	109764	18.727	ug/l	96
74) n-propylbenzene	11.34	91	475152	18.861	ug/l	99
75) 2-Chlorotoluene	11.40	91	286623	18.772	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	349752	18.765	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	46951	17.986	ug/l	93
78) 4-Chlorotoluene	11.49	91	345827	18.987	ug/l	99
79) tert-butylbenzene	11.76	119	342854	19.095	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	352648	19.130	ug/l	97
81) sec-Butylbenzene	11.93	105	396481	18.905	ug/l	100
82) p-Isopropyltoluene	12.05	119	371651	19.006	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	200243	19.107	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	198433	18.937	ug/l	96
85) n-Butylbenzene	12.37	91	319089	18.535	ug/l	99
86) Hexachloroethane	12.58	117	67548	17.545	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	201431	20.526	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	35234	19.699	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	135222	20.367	ug/l	99
90) Hexachlorobutadiene	13.77	225	54507	19.409	ug/l	89
91) Naphthalene	13.82	128	425022	20.512	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	135801	20.676	ug/l	97

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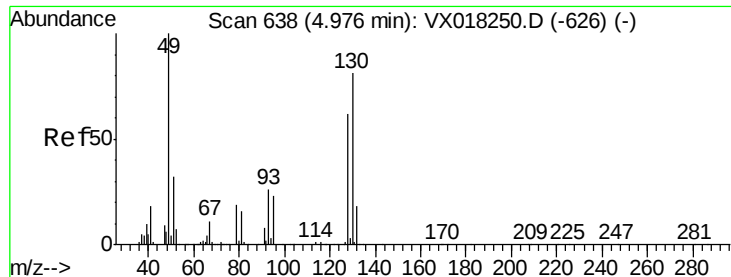
Instrument :
MSVOA_X
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Page: 4



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

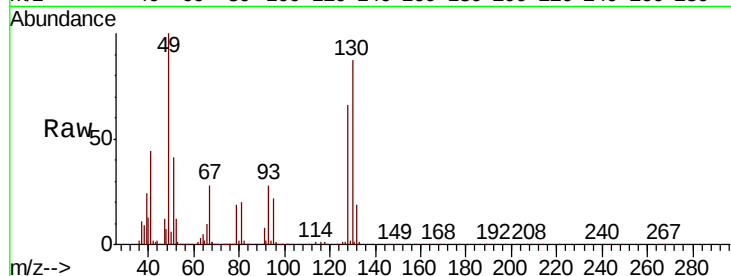
Tot Ion:128 Resp: 80194

Ion Ratio Lower Upper

128 100

49 152.0 0.0 392.0

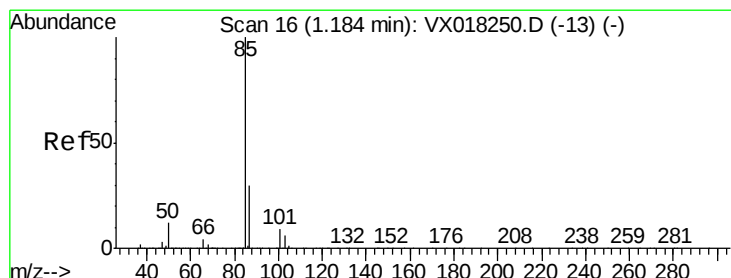
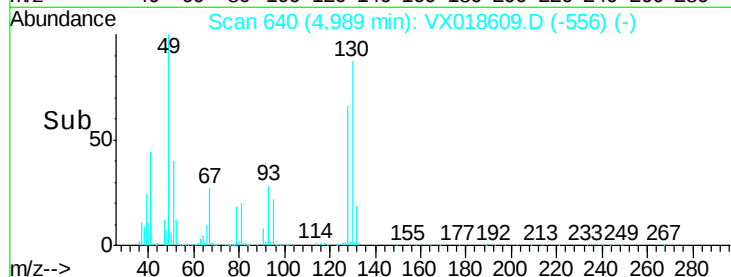
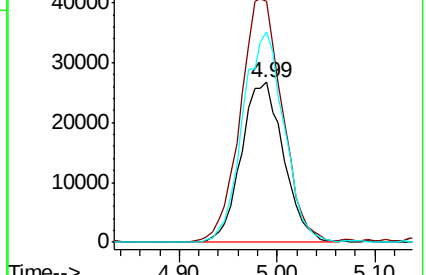
130 128.5 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.926 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018609.D

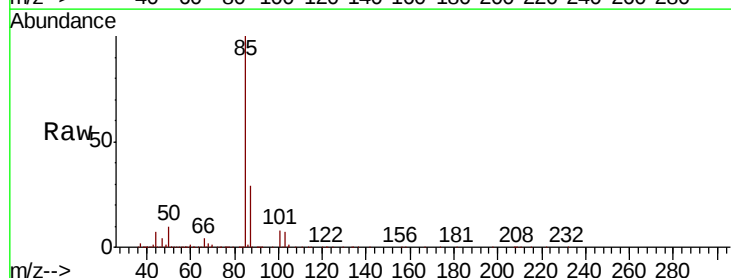
Acq: 25 Sep 2020 20:24

Tgt Ion: 85 Resp: 76068

Ion Ratio Lower Upper

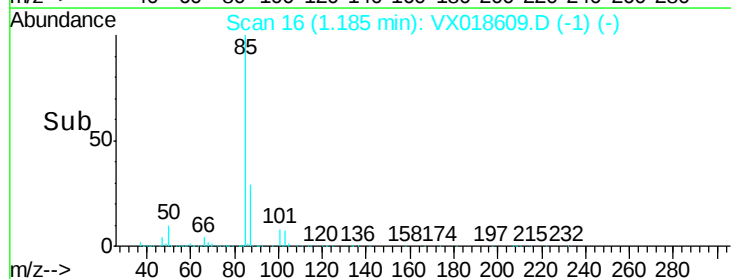
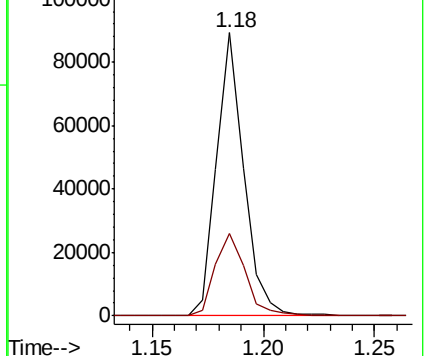
85 100

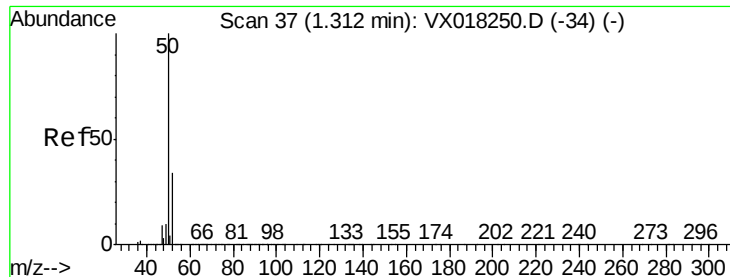
87 29.2 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.870 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

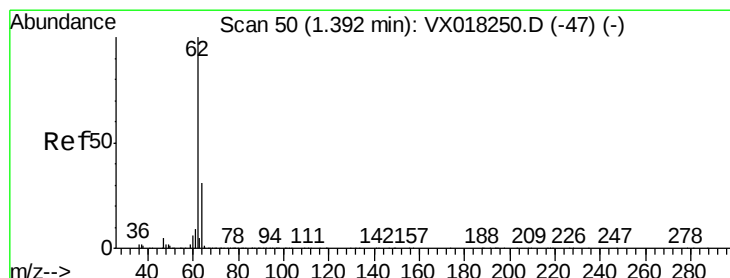
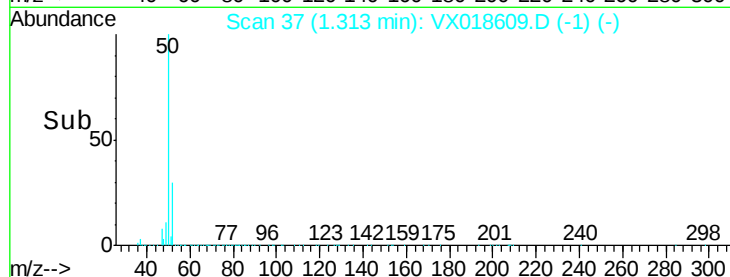
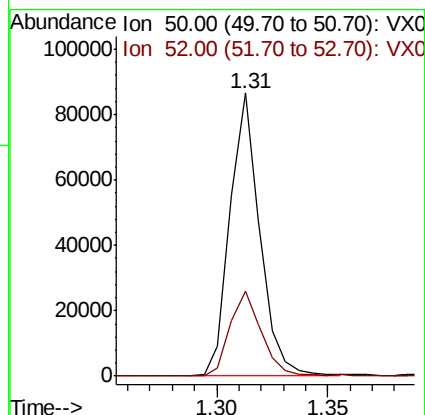
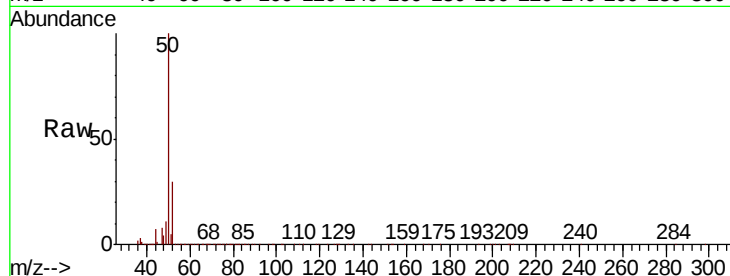
VSTDCCC020EC

Tot Ion: 50 Resp: 80551

Ion Ratio Lower Upper

50 100

52 29.9 27.1 40.7



#4

Vinyl Chloride

Concen: 18.898 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018609.D

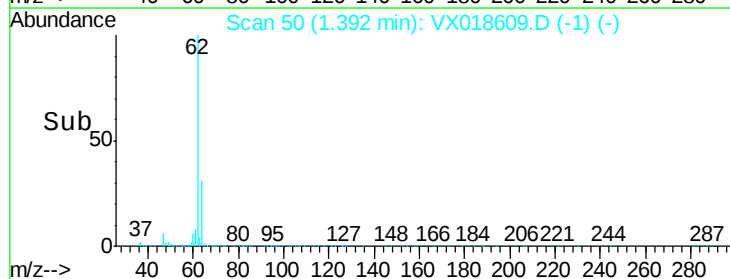
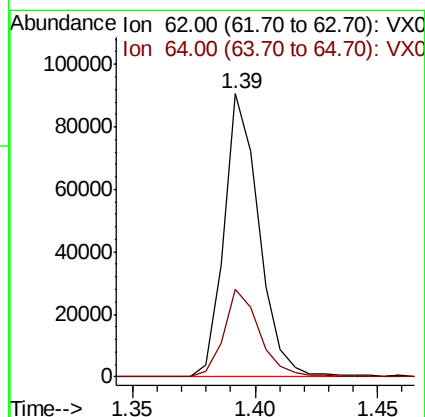
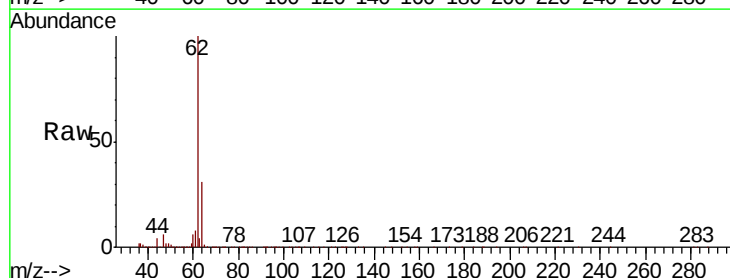
Acq: 25 Sep 2020 20:24

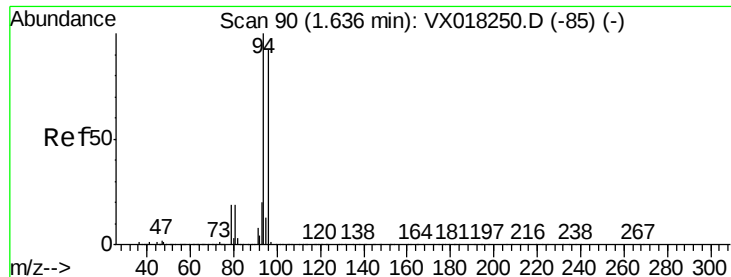
Tgt Ion: 62 Resp: 89694

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 18.690 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

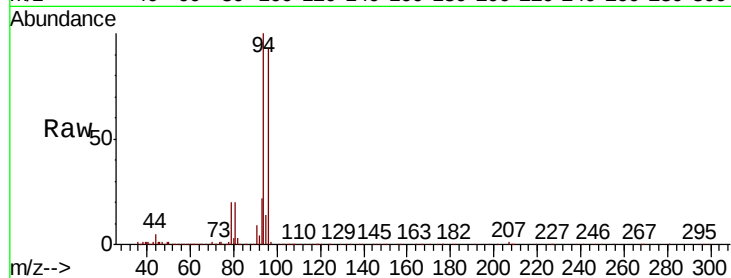
VSTDCCC020EC

Tot Ion: 94 Resp: 60354

Ion Ratio Lower Upper

94 100

96 93.4 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

60000

50000

40000

30000

20000

10000

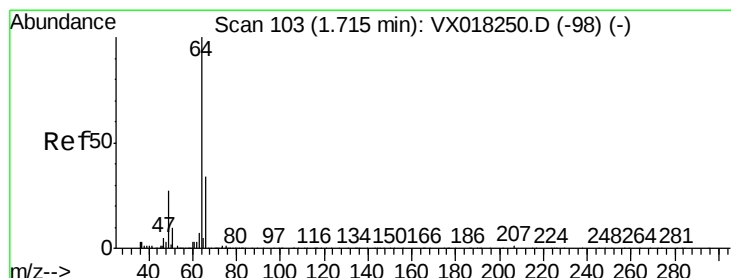
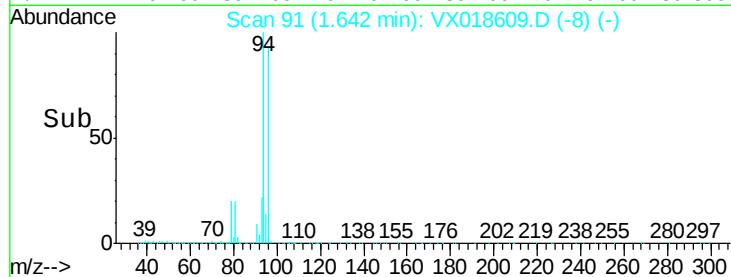
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 20.056 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018609.D

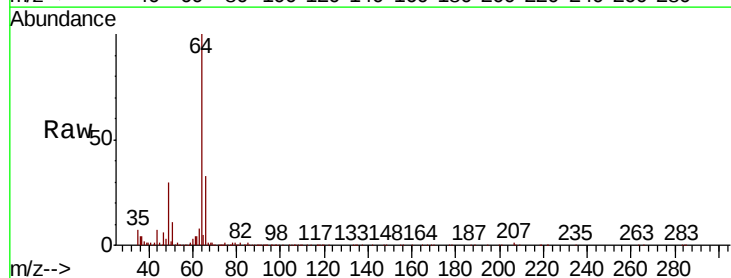
Acq: 25 Sep 2020 20:24

Tgt Ion: 64 Resp: 57858

Ion Ratio Lower Upper

64 100

66 32.3 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

50000

40000

30000

20000

10000

0

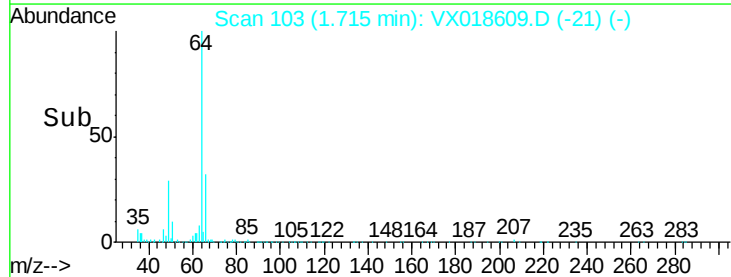
1.65

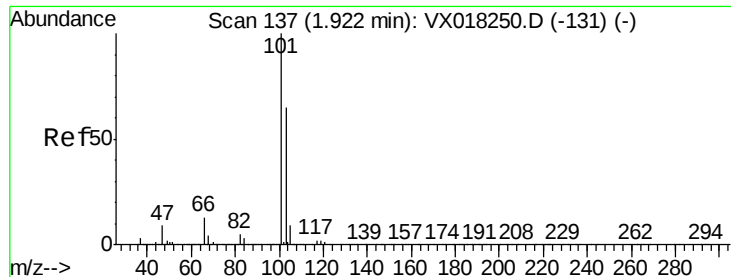
1.70

1.75

1.80

Time-->



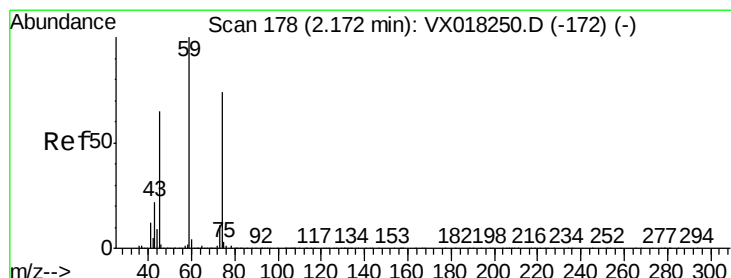
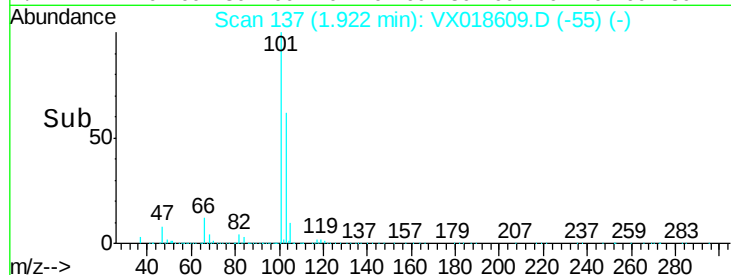
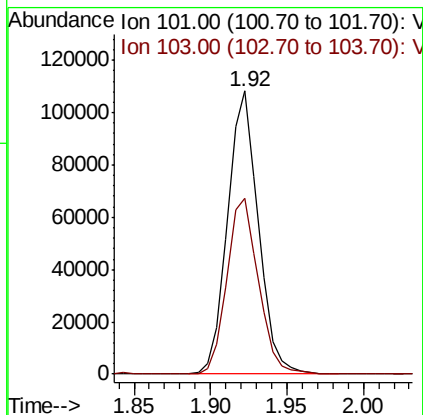
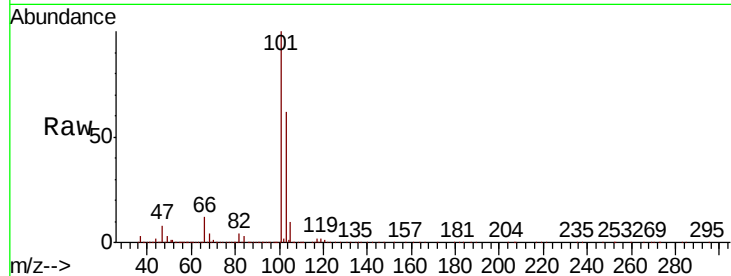


#7

Trichlorofluoromethane
 Concen: 18.740 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
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 VSTDCCC020EC

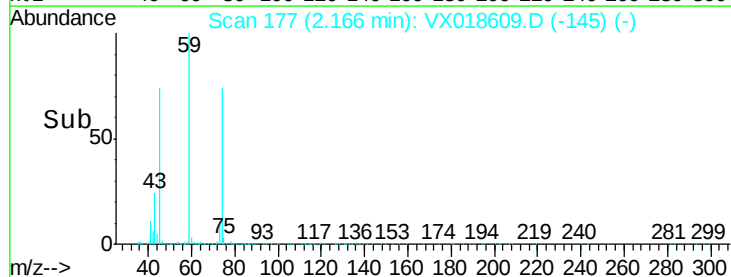
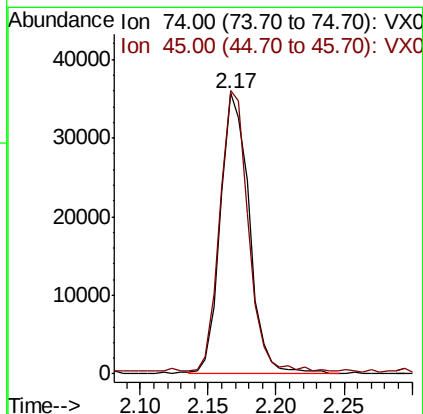
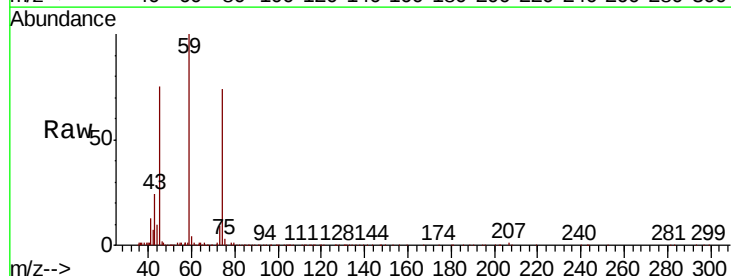
Tot Ion:101 Resp: 150734
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.3 78.5

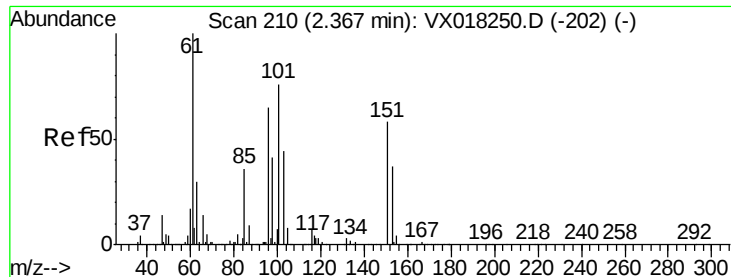


#8

Diethyl Ether
 Concen: 20.798 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion: 74 Resp: 52740
 Ion Ratio Lower Upper
 74 100
 45 98.8 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.443 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

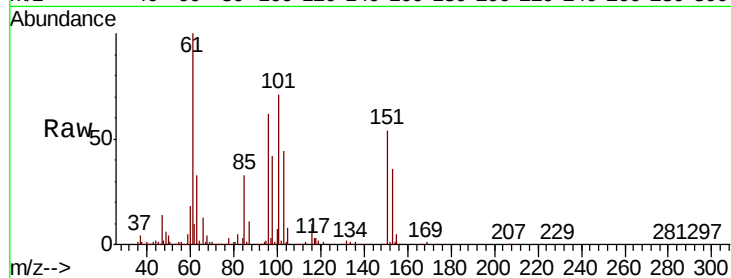
Tot Ion:101 Resp: 75795

Ion Ratio Lower Upper

101 100

85 46.5 0.0 87.8

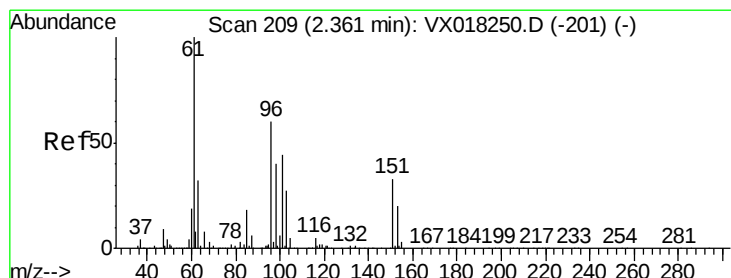
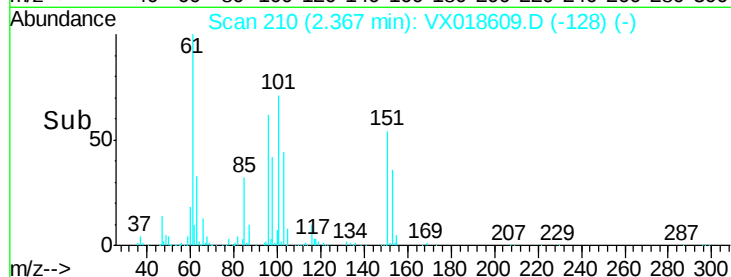
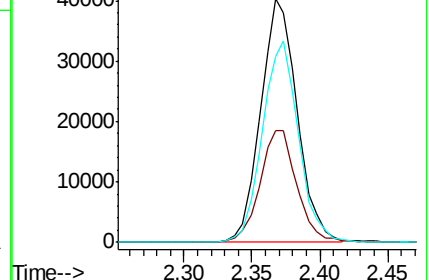
151 81.8 0.0 161.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.405 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

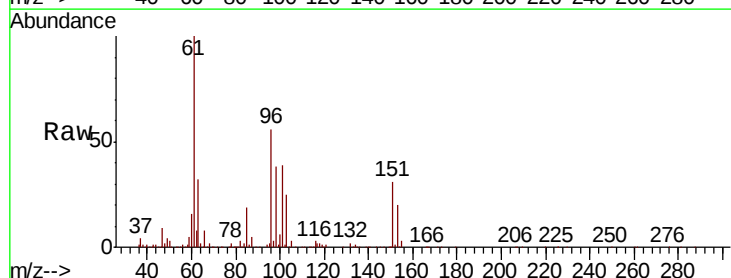
Tgt Ion: 96 Resp: 74246

Ion Ratio Lower Upper

96 100

61 178.3 132.5 198.7

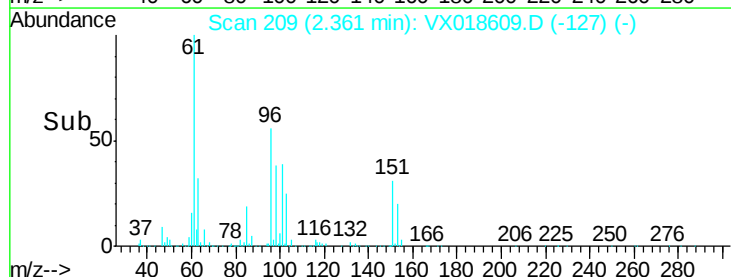
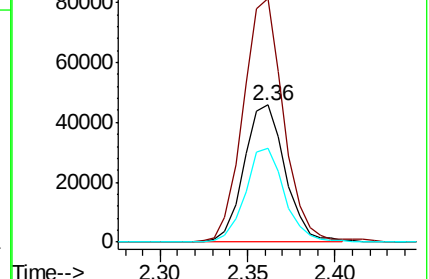
98 68.5 52.4 78.6

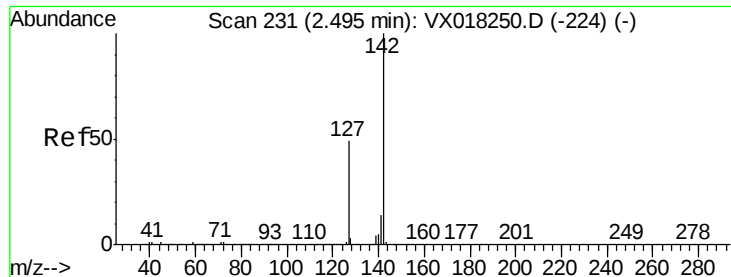


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

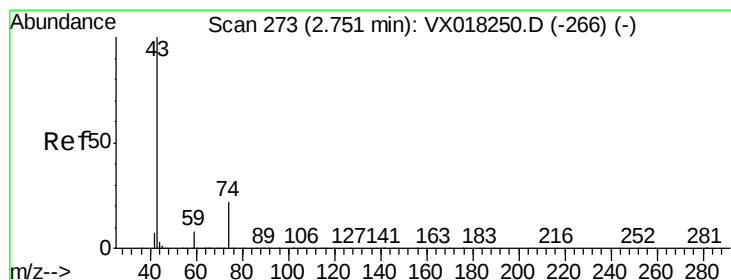
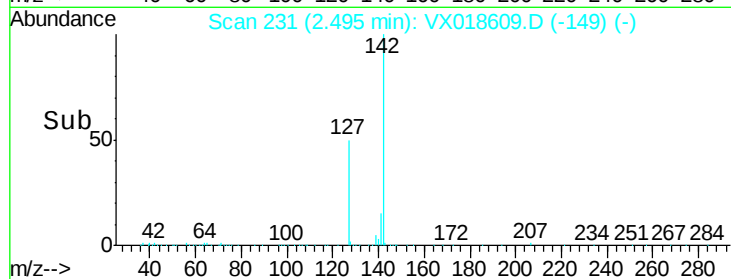
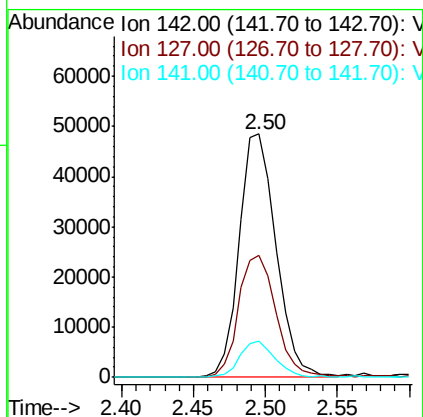
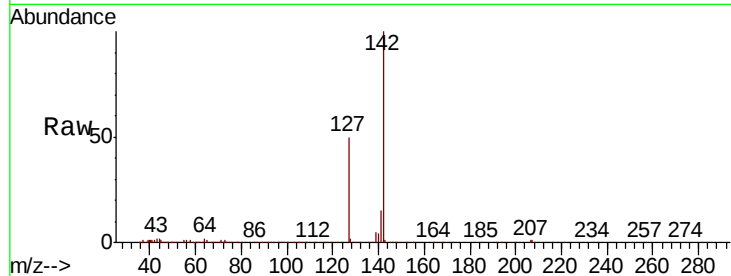




#11
Methvl Iodide
Concen: 21.699 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

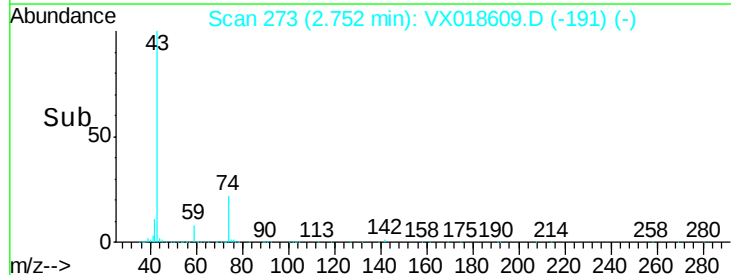
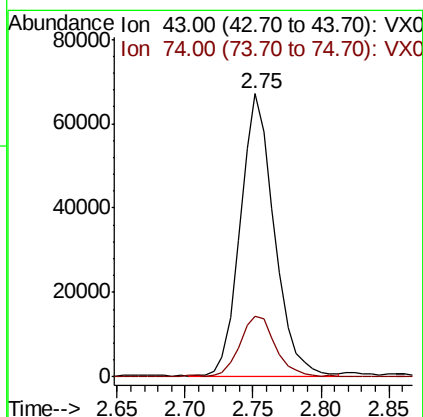
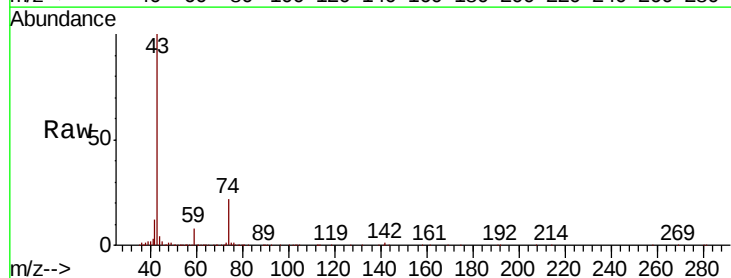
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

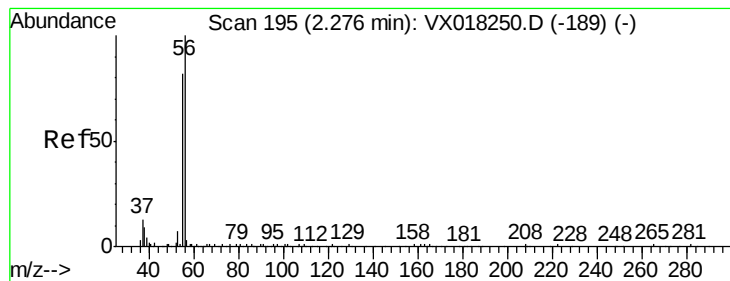
Tot Ion:142 Resp: 86409
Ion Ratio Lower Upper
142 100
127 50.2 24.6 74.0
141 14.8 7.0 21.0



#12
Methyl Acetate
Concen: 21.896 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion: 43 Resp: 116271
Ion Ratio Lower Upper
43 100
74 21.2 18.0 27.0





#13

Acrolein

Concen: 52.793 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

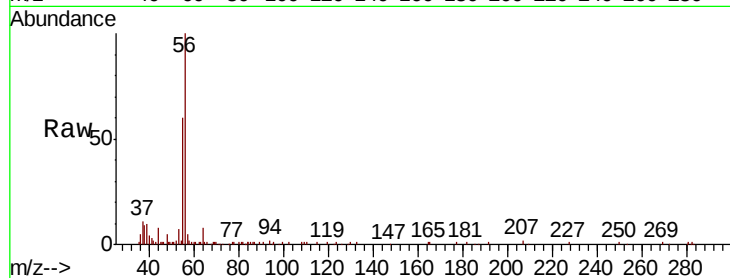
VSTDCCC020EC

Tot Ion: 56 Resp: 22625

Ion Ratio Lower Upper

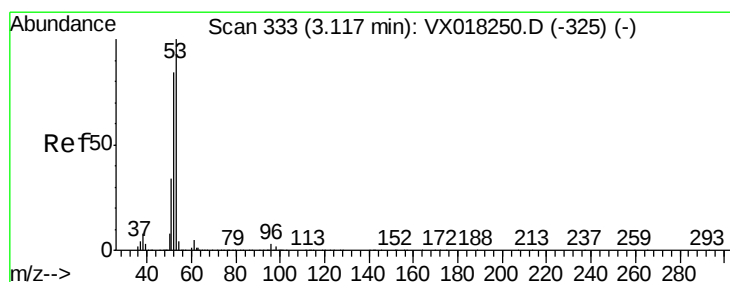
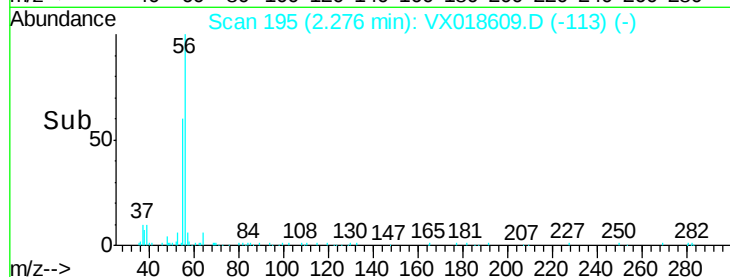
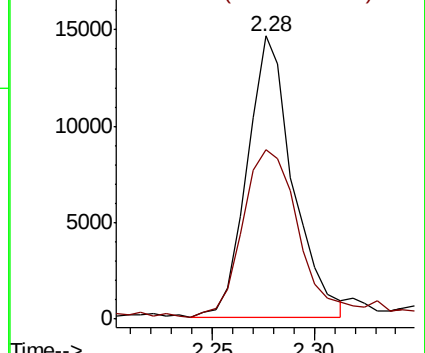
56 100

55 74.0 59.7 89.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 101.110 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

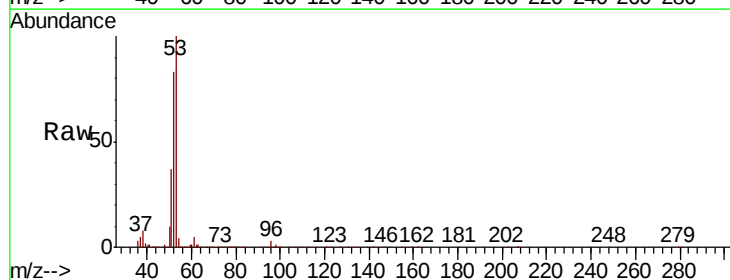
Tgt Ion: 53 Resp: 243288

Ion Ratio Lower Upper

53 100

52 80.3 41.9 125.7

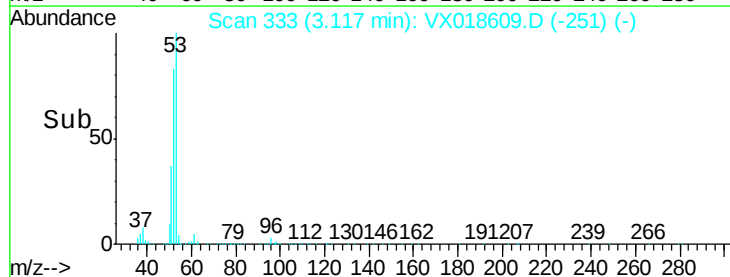
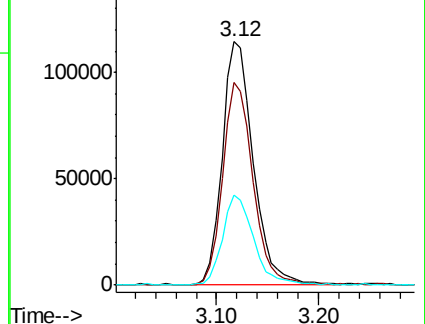
51 36.8 18.3 54.8

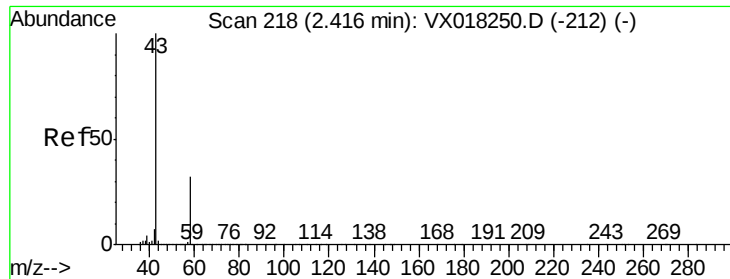


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 93.581 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

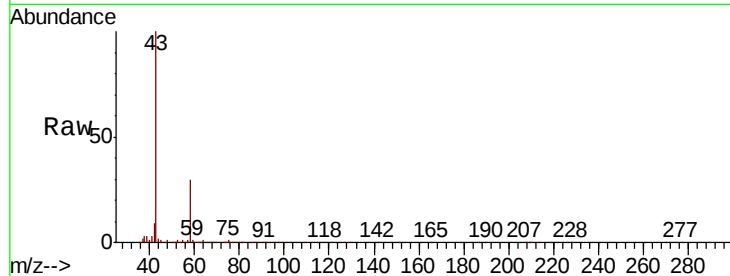
VSTDCCC020EC

Tot Ion: 58 Resp: 61221

Ion Ratio Lower Upper

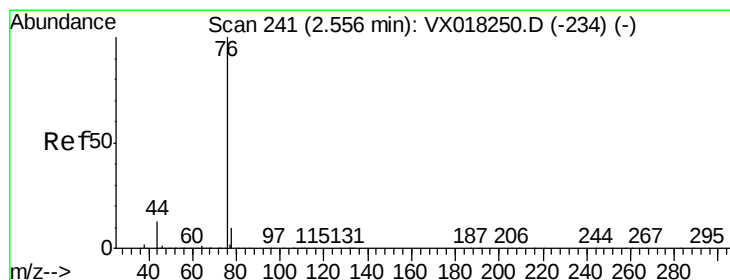
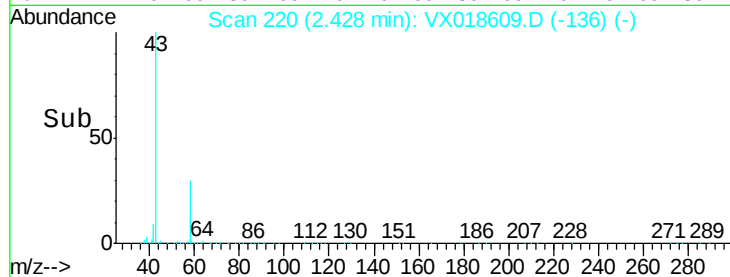
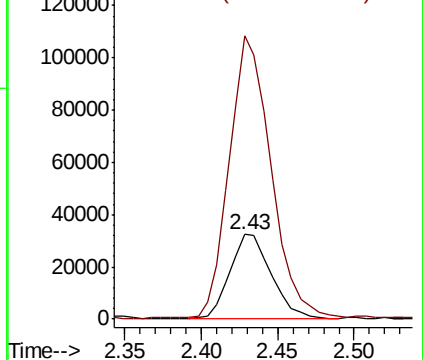
58 100

43 332.5 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.594 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX018609.D

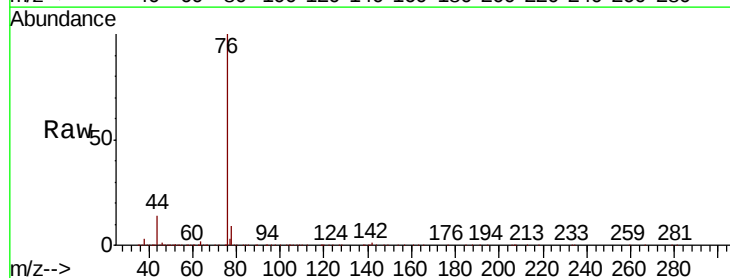
Acq: 25 Sep 2020 20:24

Tgt Ion: 76 Resp: 218415

Ion Ratio Lower Upper

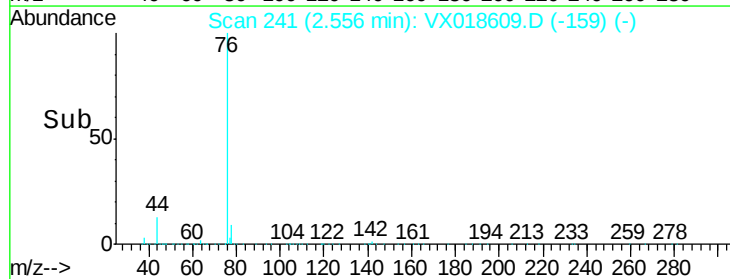
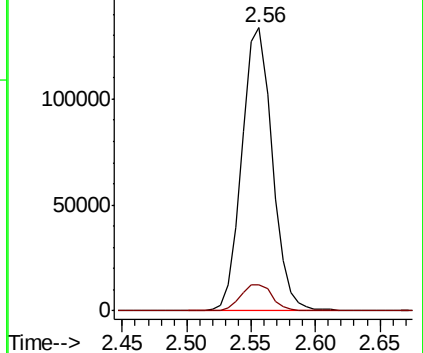
76 100

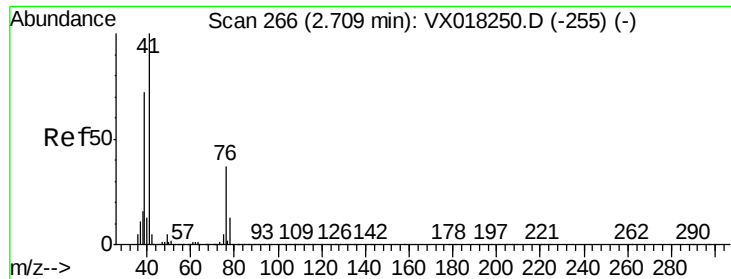
78 9.3 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 19.522 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

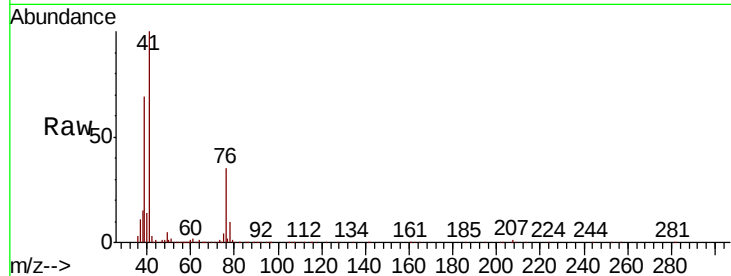
Tot Ion: 41 Resp: 140765

Ion Ratio Lower Upper

41 100

39 68.6 36.0 108.1

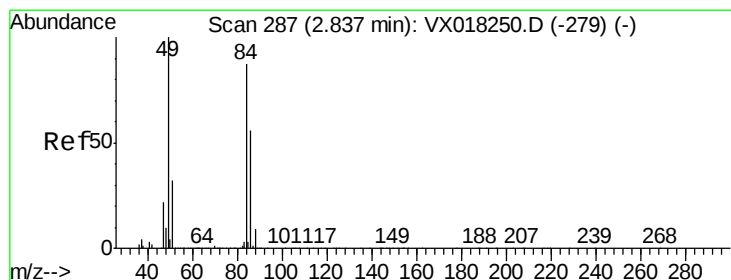
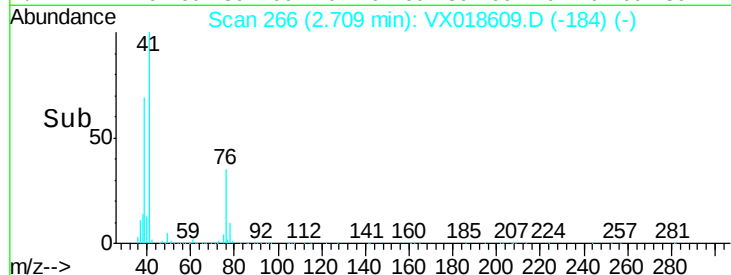
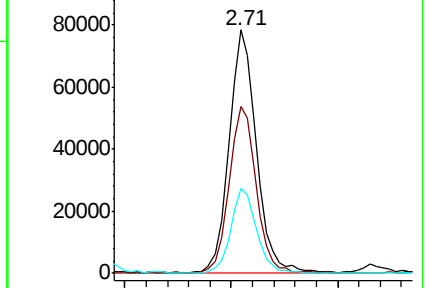
76 34.5 18.6 55.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.376 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion: 84 Resp: 91740

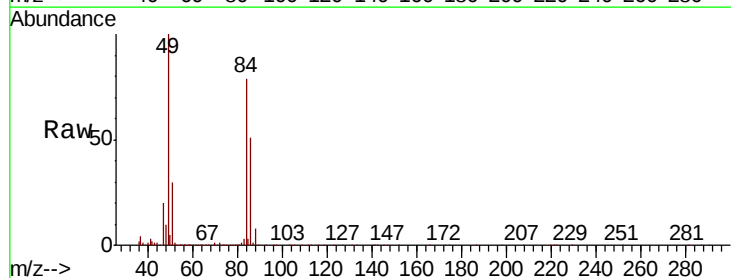
Ion Ratio Lower Upper

84 100

49 126.8 91.6 137.4

51 37.5 29.4 44.0

86 65.3 51.5 77.3

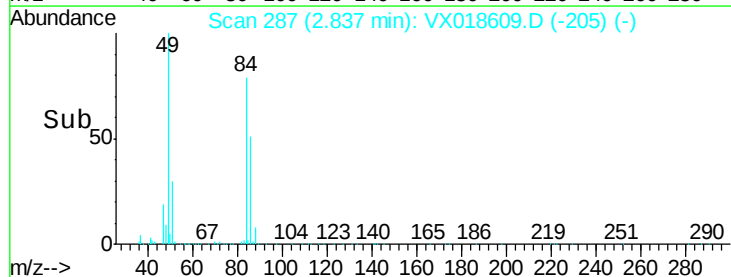
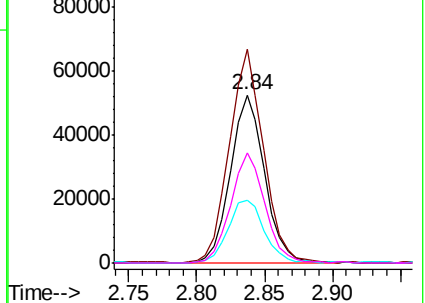


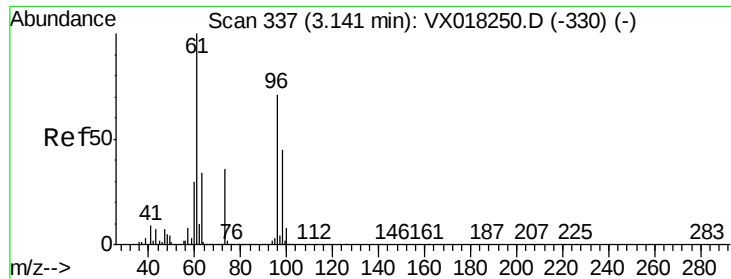
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

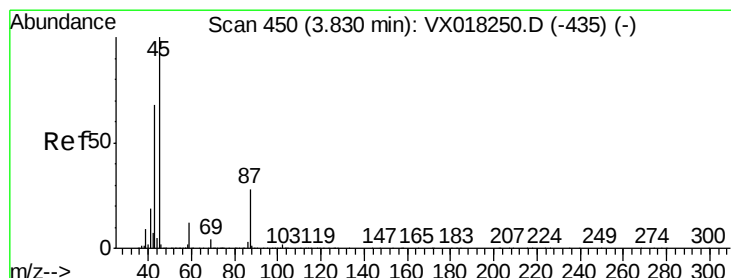
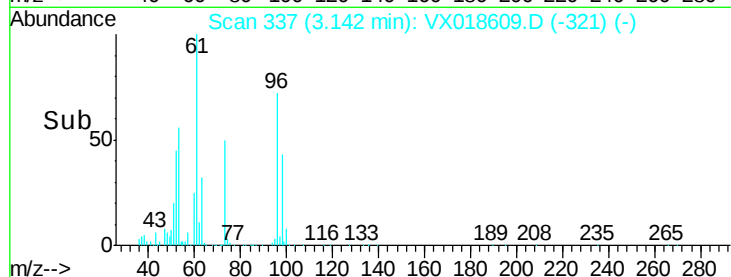
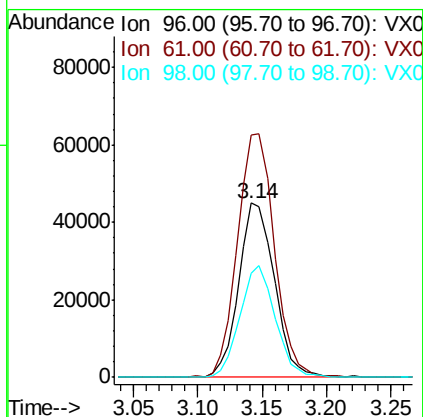
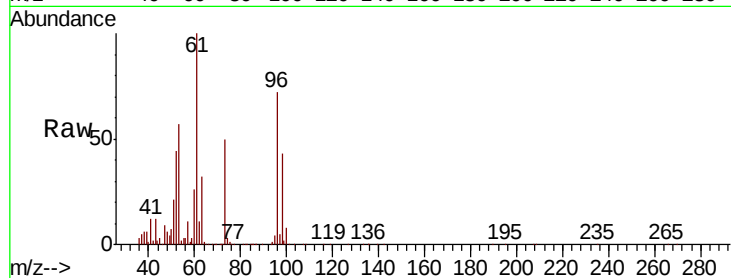




#19
trans-1,2-Dichloroethene
Concen: 19.380 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

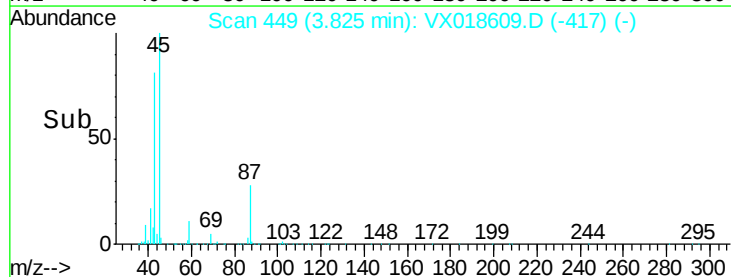
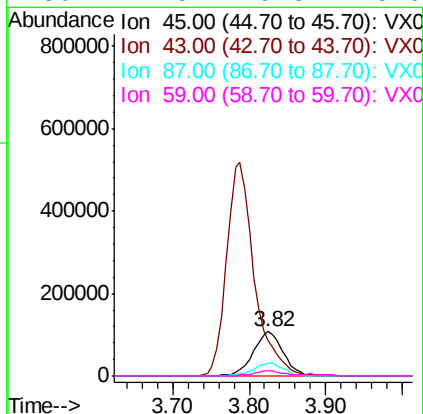
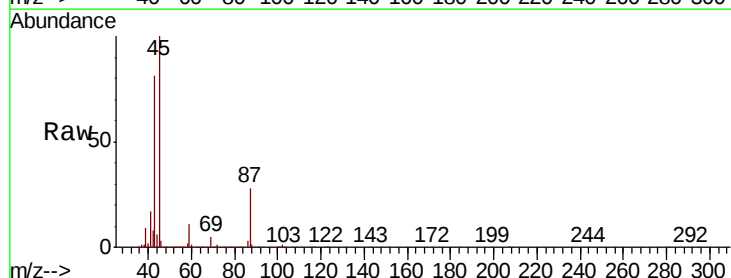
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

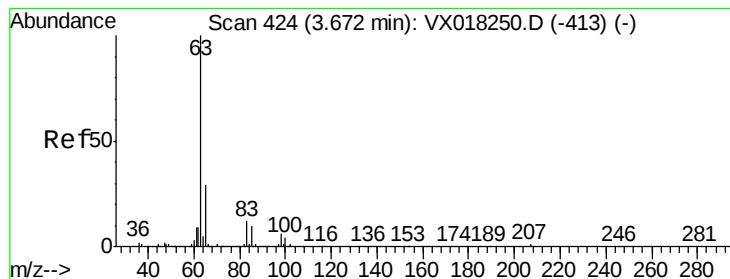
Tot Ion: 96 Resp: 86802
Ion Ratio Lower Upper
96 100
61 138.7 112.8 169.2
98 59.9 51.0 76.4



#20
Diisopropyl ether
Concen: 20.475 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion: 45 Resp: 292263
Ion Ratio Lower Upper
45 100
43 80.9 54.5 81.7
87 27.8 22.2 33.2
59 11.5 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.924 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

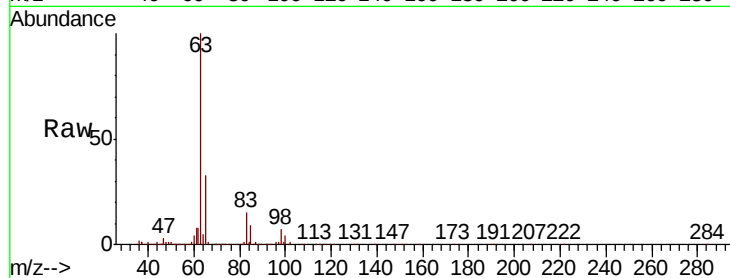
Tot Ion: 63 Resp: 163244

Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

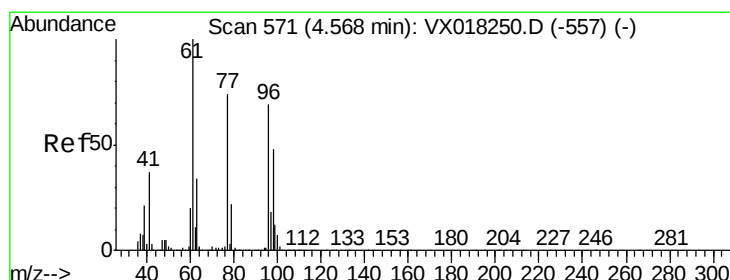
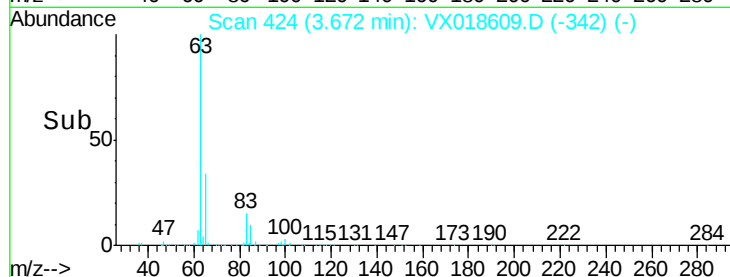
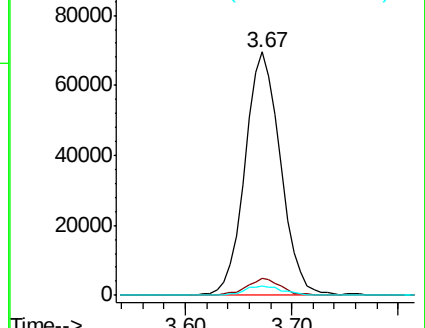
100 3.9 2.1 6.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.552 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

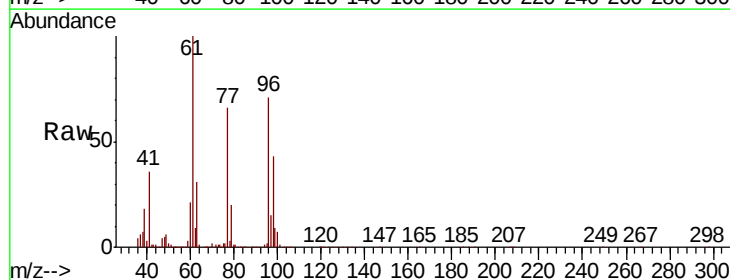
Tgt Ion: 96 Resp: 96891

Ion Ratio Lower Upper

96 100

61 155.6 116.2 174.4

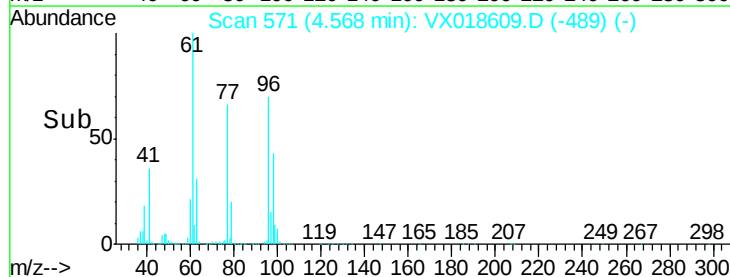
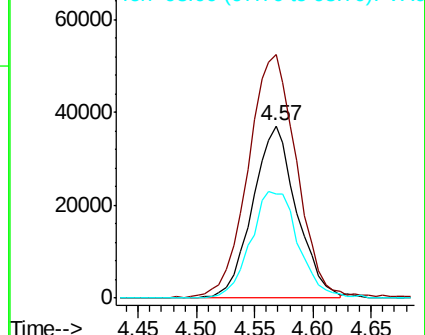
98 67.6 52.5 78.7

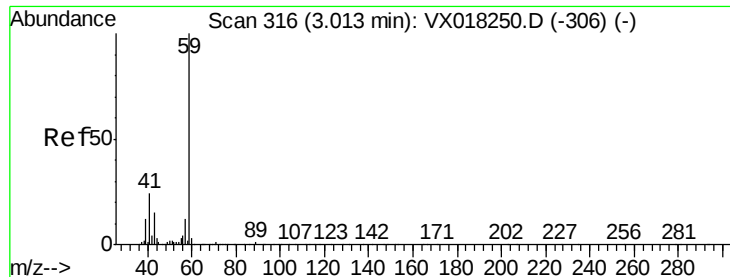


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



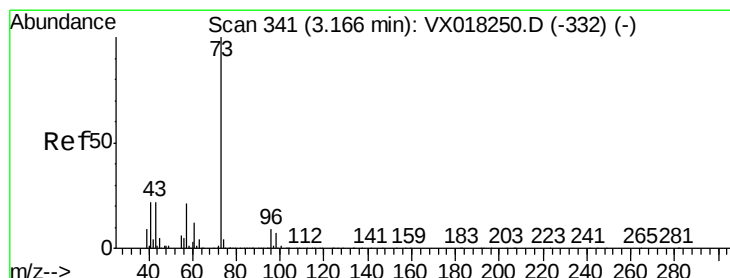
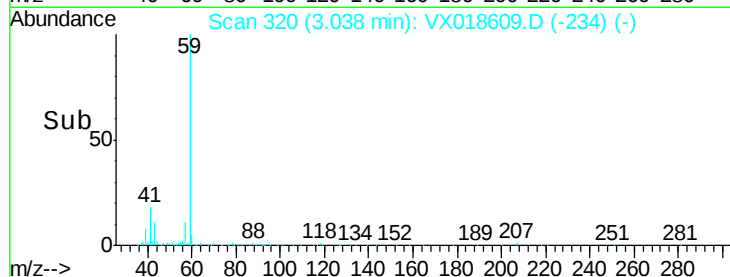
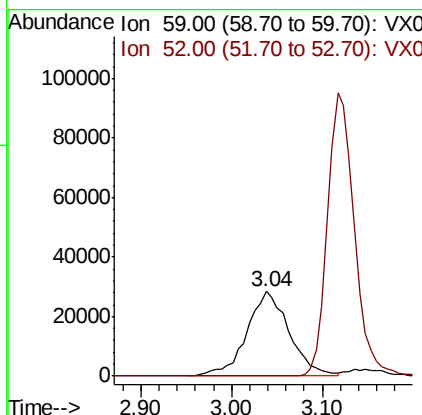
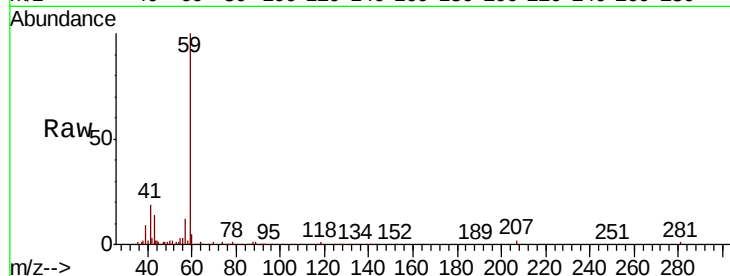


#23

tert-Butyl Alcohol
 Concen: 87.568 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. 0.02 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

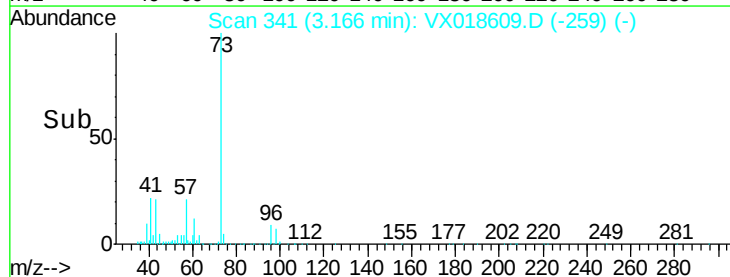
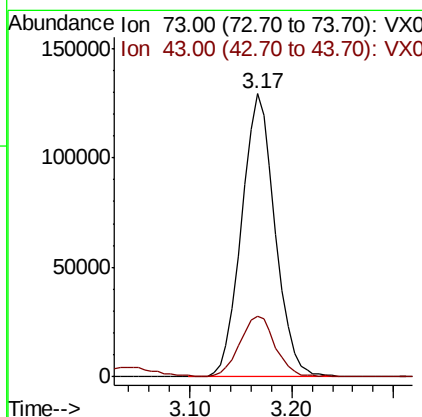
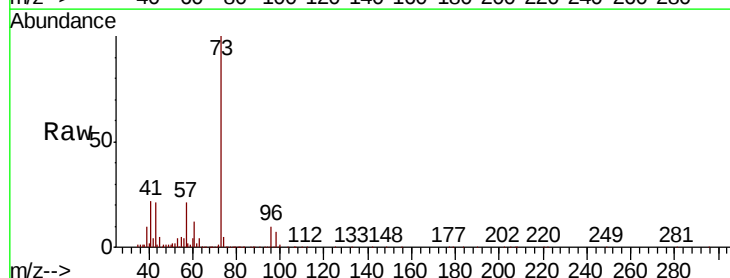
Tot Ion: 59 Resp: 91307
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#

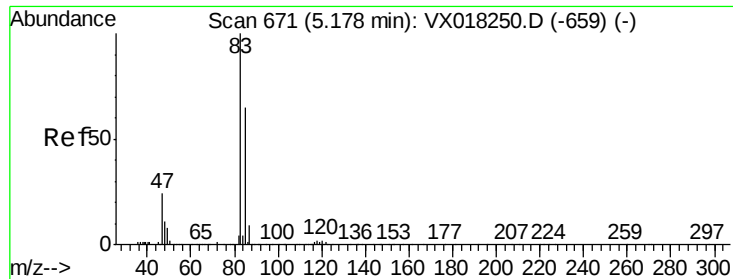


#24

Methyl tert-Butyl Ether
 Concen: 20.486 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion: 73 Resp: 293808
 Ion Ratio Lower Upper
 73 100
 43 22.4 17.8 26.6

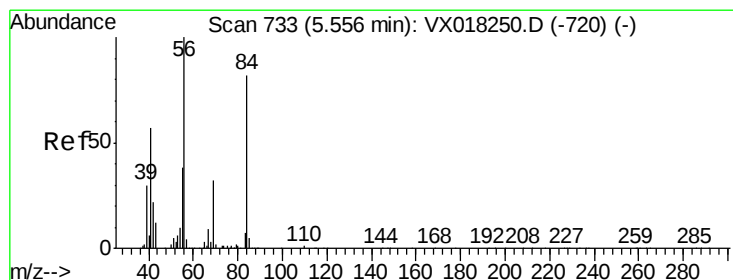
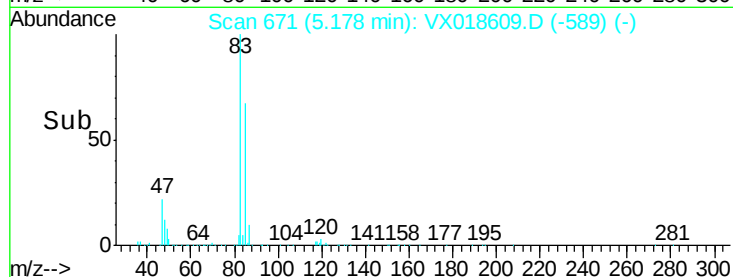
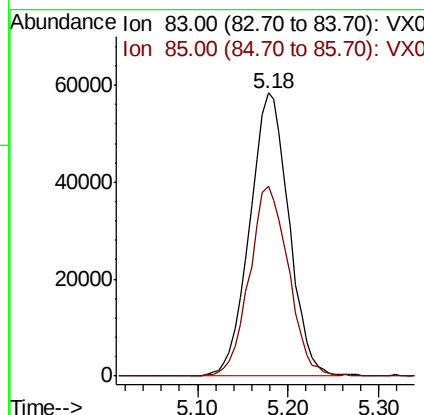
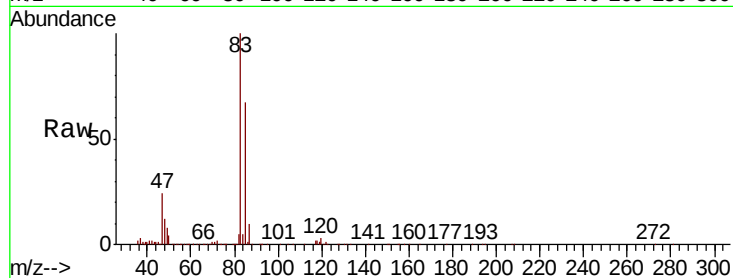




#25
Chloroform
Concen: 19.939 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

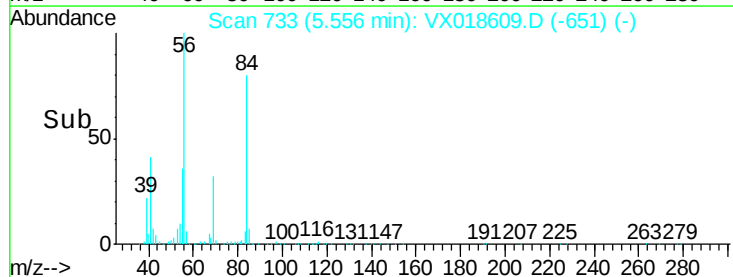
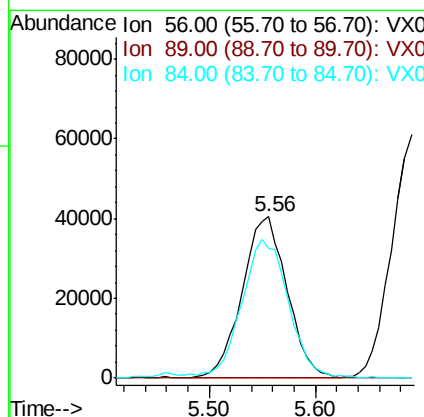
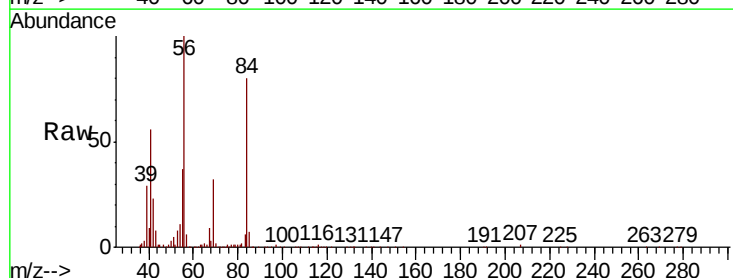
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

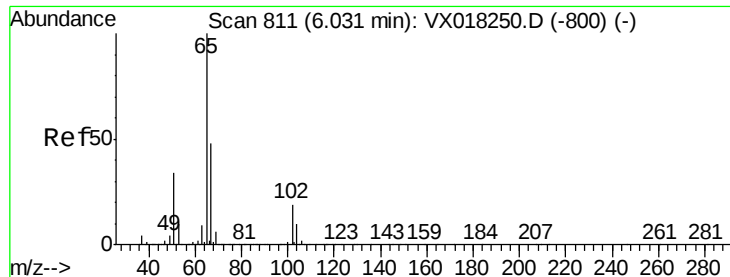
Tot Ion: 83 Resp: 174353
Ion Ratio Lower Upper
83 100
85 67.2 51.6 77.4



#26
Cyclohexane
Concen: 18.095 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion: 56 Resp: 119667
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.8 41.0 61.4#

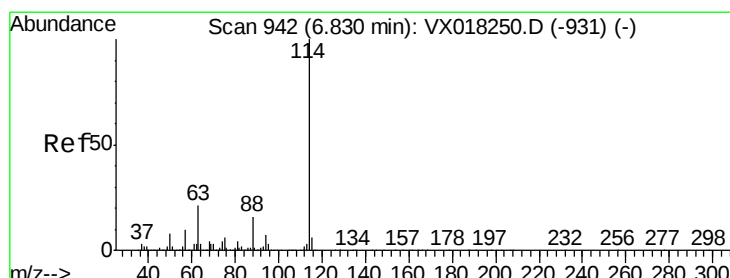
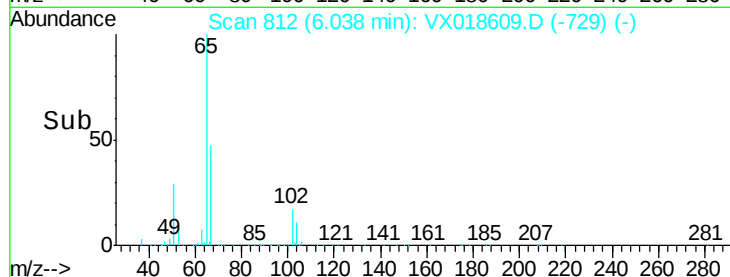
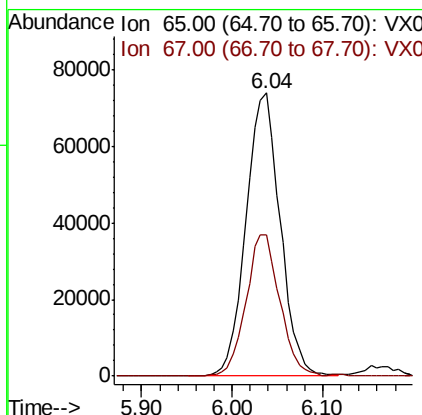
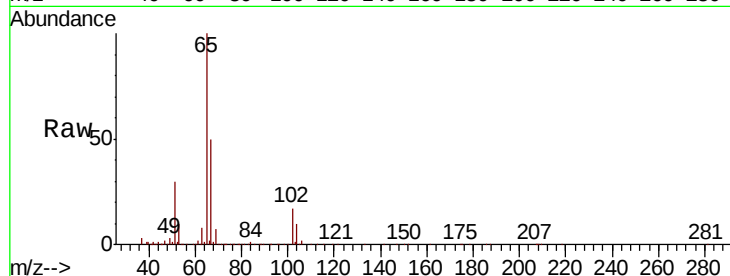




#27
 1,2-Dichloroethane-d4
 Concen: 30.510 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

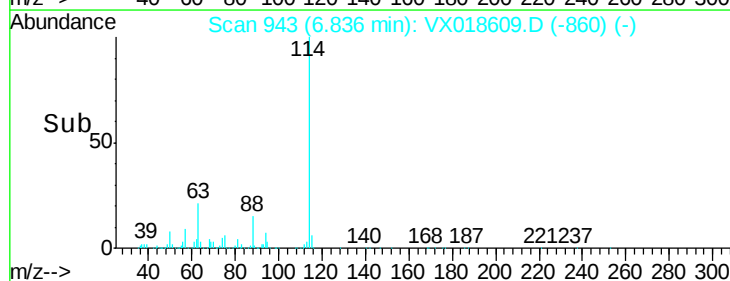
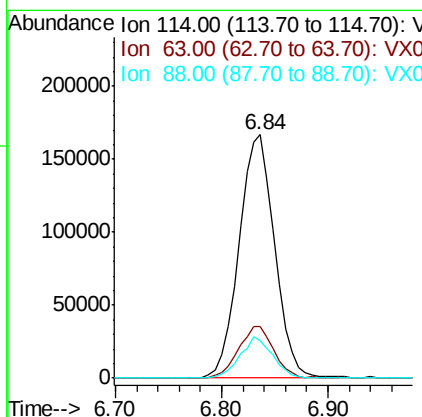
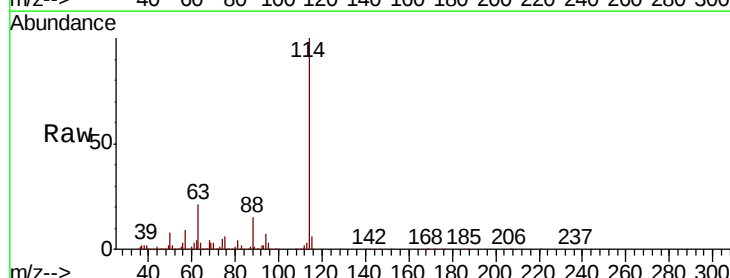
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

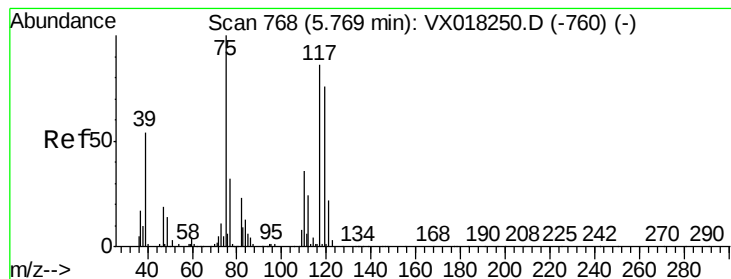
Tot Ion: 65 Resp: 193028
 Ion Ratio Lower Upper
 65 100
 67 49.4 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion: 114 Resp: 391556
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.7 25.1
 88 15.6 12.6 18.8





#29

1,1-Dichloropropene

Concen: 19.657 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

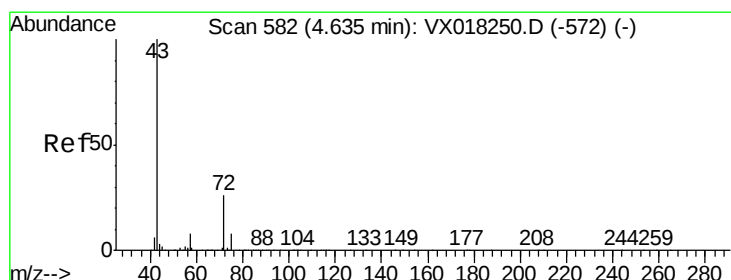
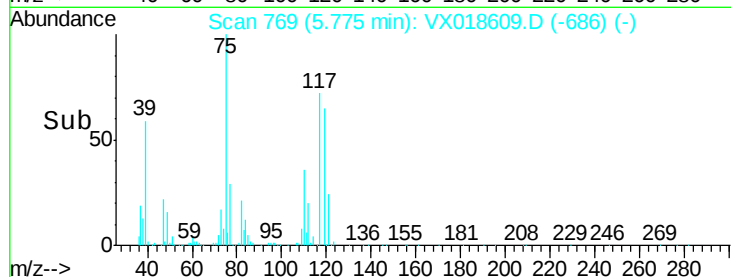
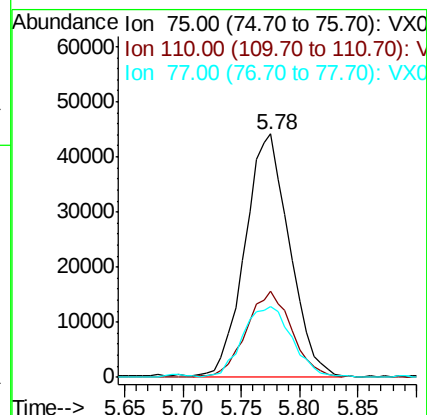
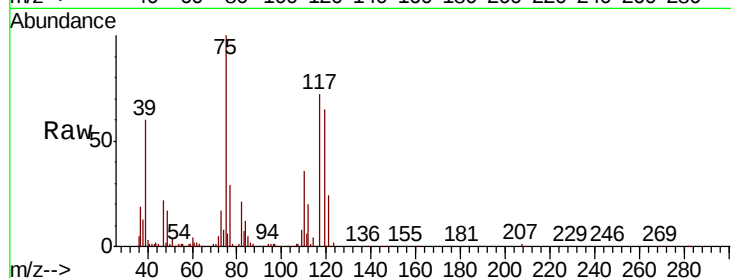
Tot Ion: 75 Resp: 117487

Ion Ratio Lower Upper

75 100

110 35.9 0.0 72.2

77 32.2 0.0 61.0



#30

2-Butanone

Concen: 101.518 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

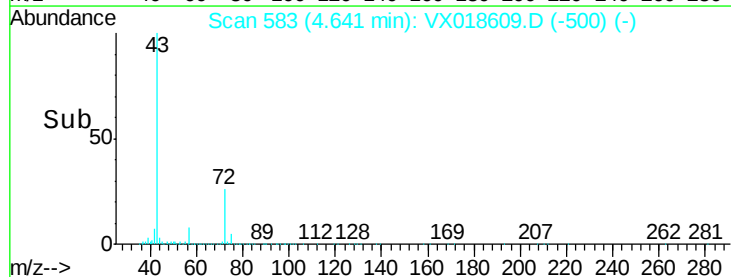
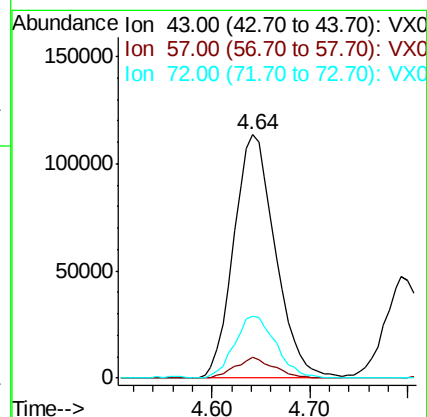
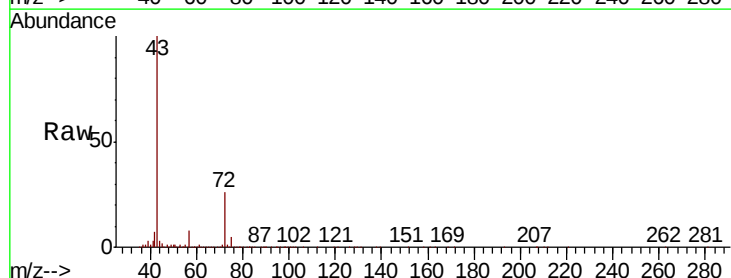
Tgt Ion: 43 Resp: 332233

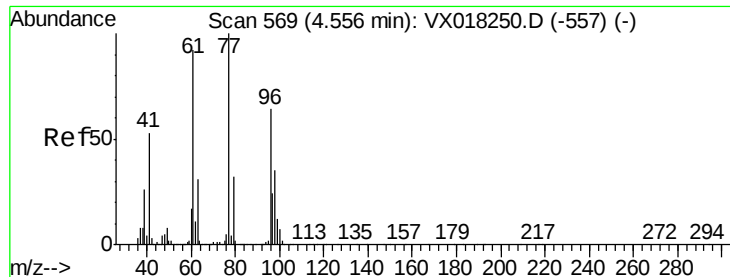
Ion Ratio Lower Upper

43 100

57 7.9 6.7 10.1

72 24.9 20.0 30.0





#31

2,2-Dichloropropane

Concen: 18.844 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

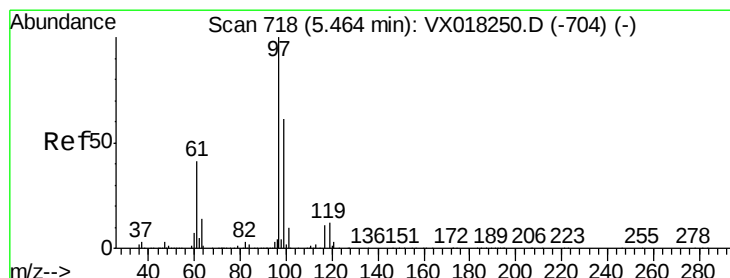
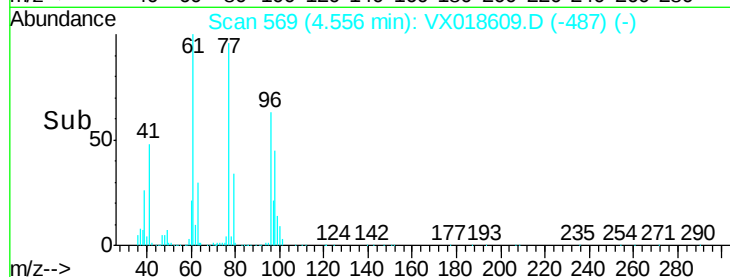
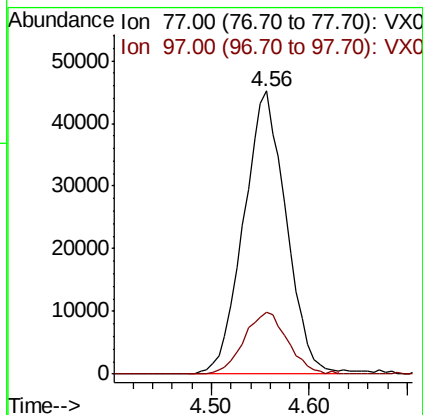
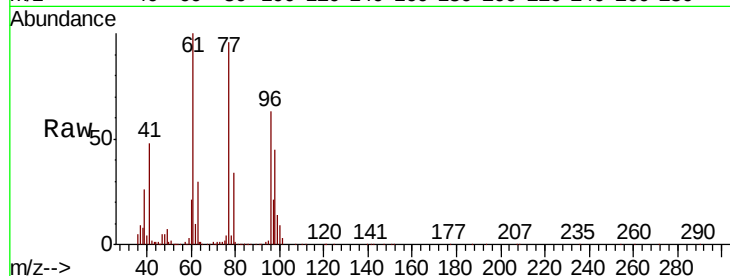
VSTDCCC020EC

Tot Ion: 77 Resp: 136044

Ion Ratio Lower Upper

77 100

97 22.4 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 20.514 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

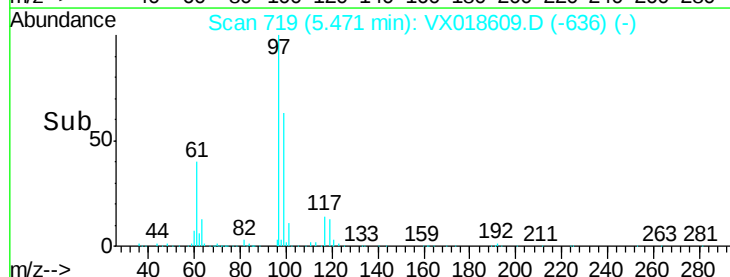
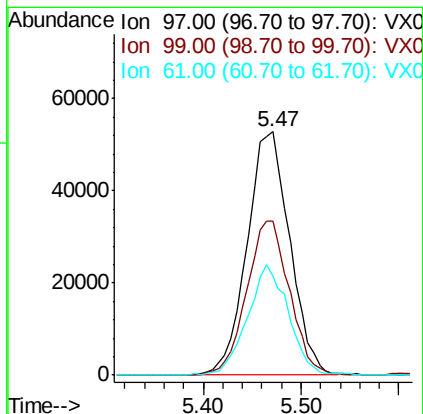
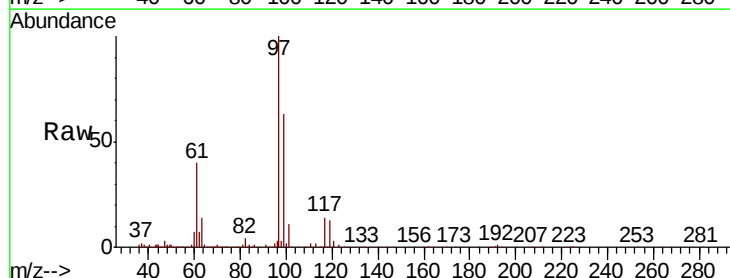
Tgt Ion: 97 Resp: 160491

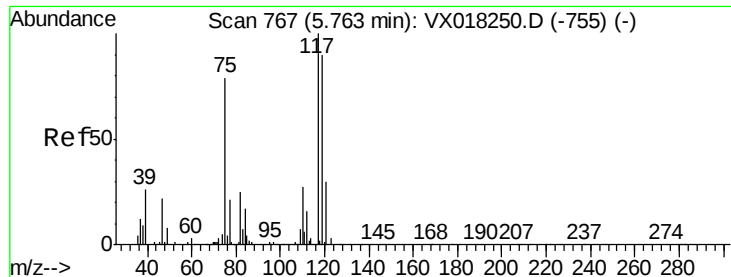
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 43.2 34.5 51.7





#33

Carbon Tetrachloride

Concen: 19.698 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

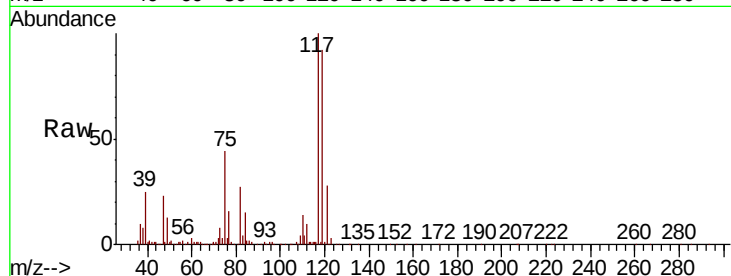
Tot Ion:117 Resp: 143596

Ion Ratio Lower Upper

117 100

119 92.2 72.3 108.5

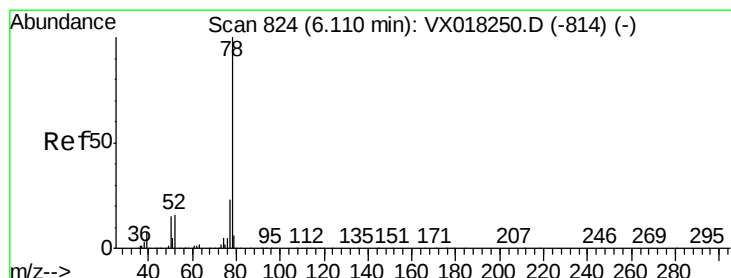
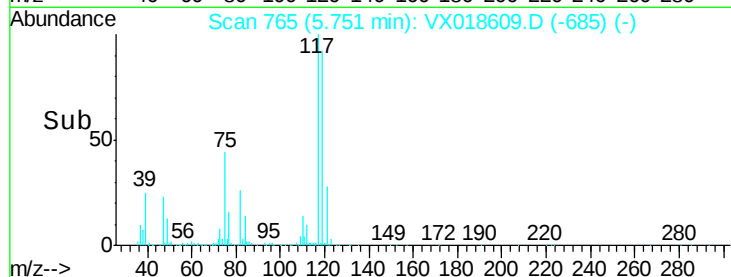
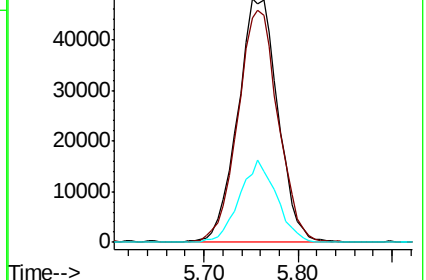
121 28.4 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.386 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

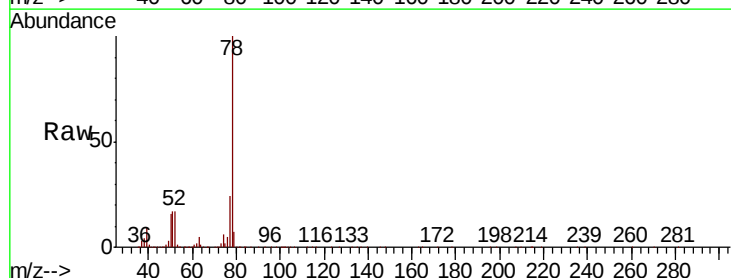
Tgt Ion: 78 Resp: 347817

Ion Ratio Lower Upper

78 100

77 23.7 18.3 27.5

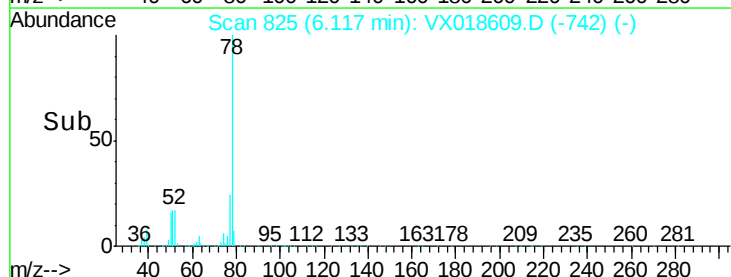
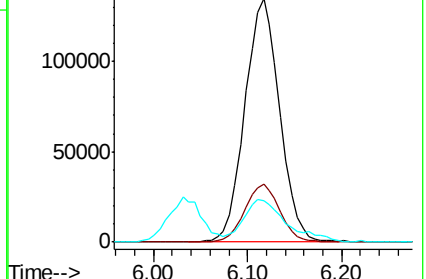
51 16.6 11.3 16.9

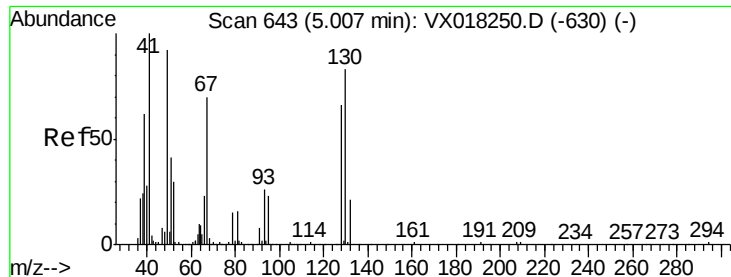


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

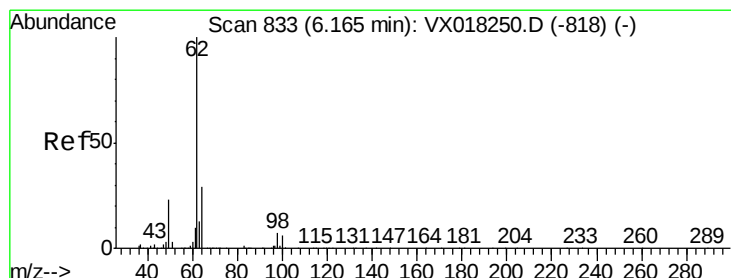
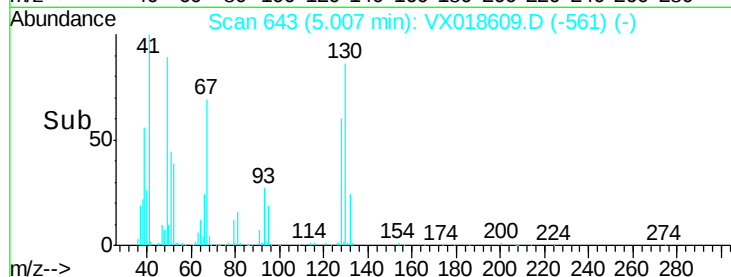
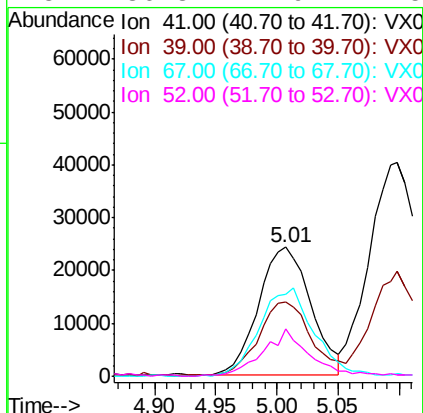
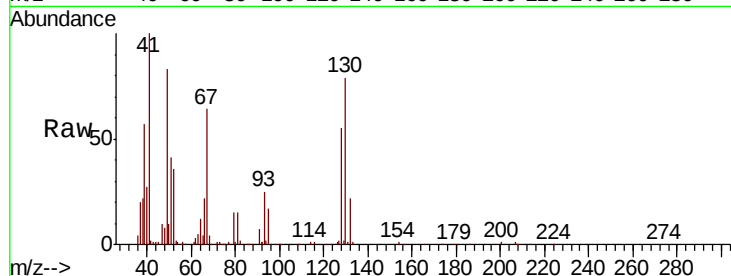




#35
Methacrylonitrile
Concen: 20.823 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

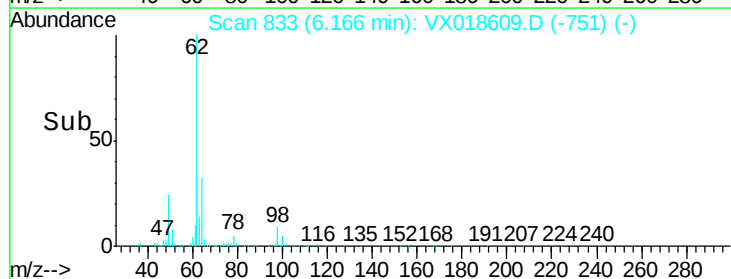
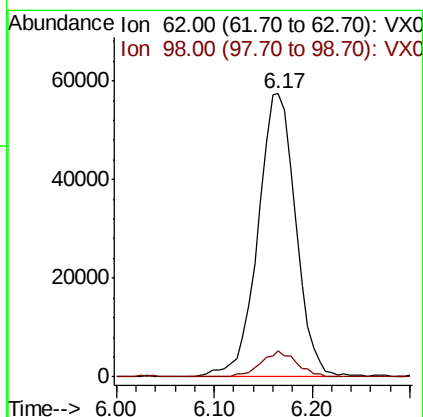
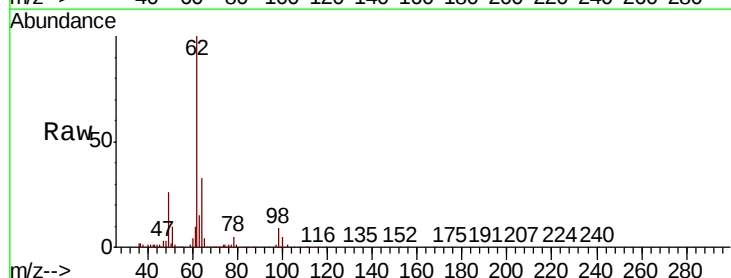
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

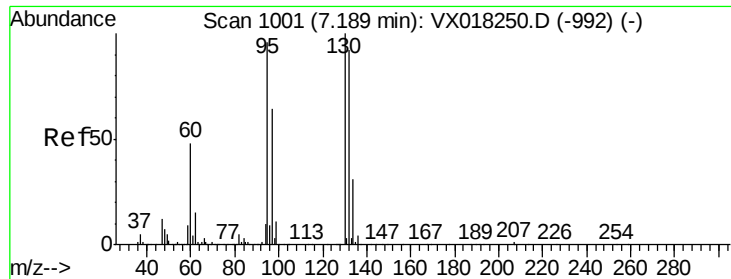
Tot Ion:	41	Resp:	71818
Ion	Ratio	Lower	Upper
41	100		
39	57.0	31.3	93.9
67	64.3	35.4	106.2
52	36.3	14.9	44.5



#36
1,2-Dichloroethane
Concen: 21.749 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion:	62	Resp:	153573
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	0.0#

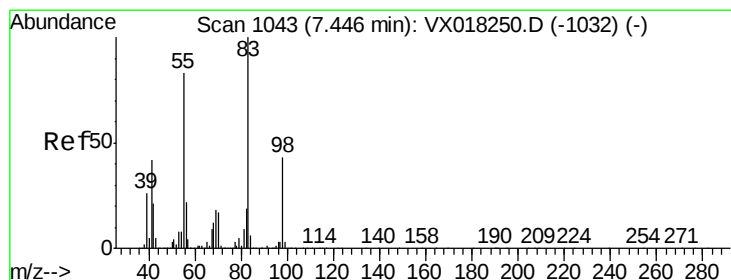
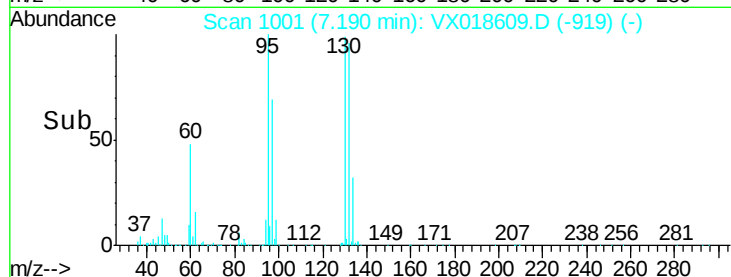
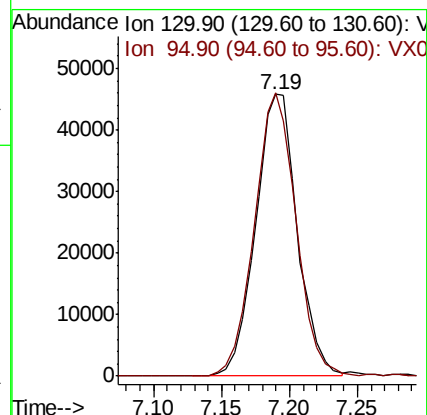
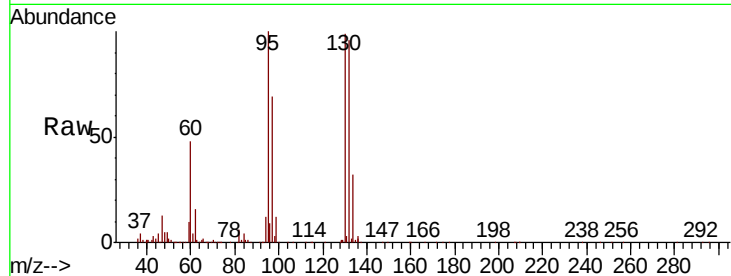




#37
 Trichloroethene
 Concen: 19.883 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

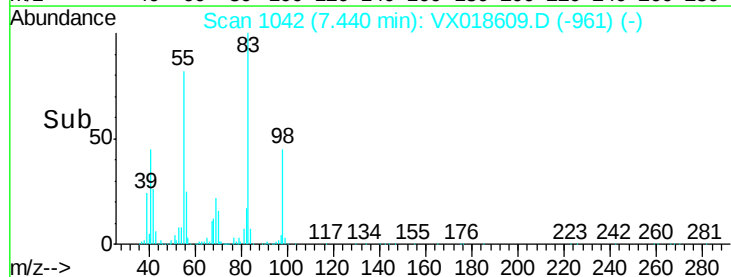
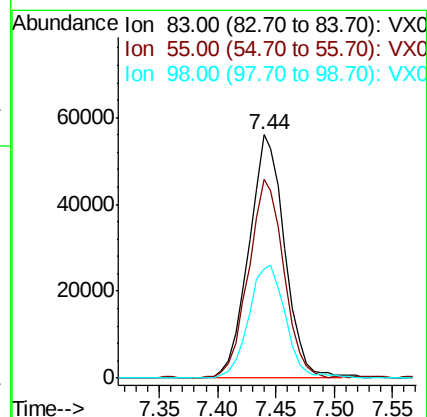
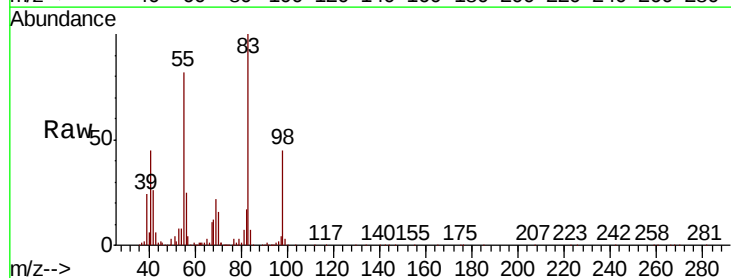
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

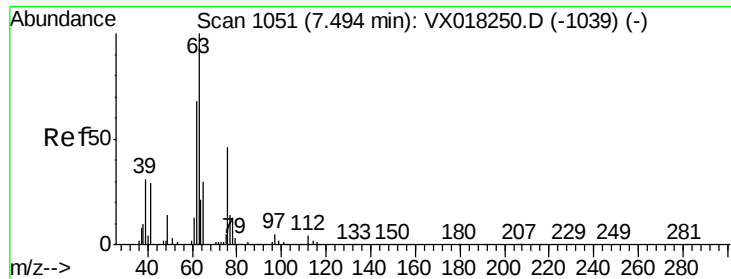
Tot Ion:130 Resp: 98096
 Ion Ratio Lower Upper
 130 100
 95 100.4 76.9 115.3



#38
 Methylcyclohexane
 Concen: 18.823 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion: 83 Resp: 119838
 Ion Ratio Lower Upper
 83 100
 55 80.3 41.1 123.4
 98 46.4 24.0 72.0





#39

1,2-Dichloropropane

Concen: 20.837 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

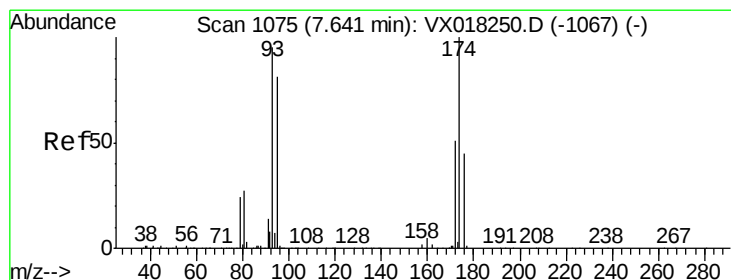
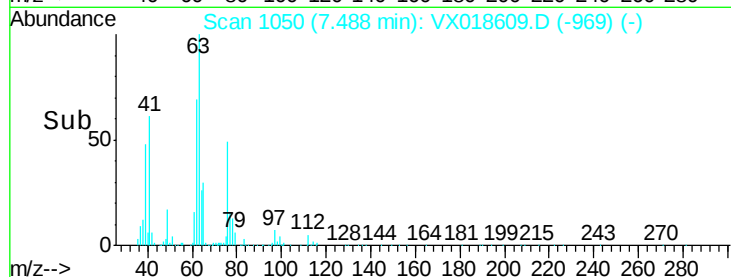
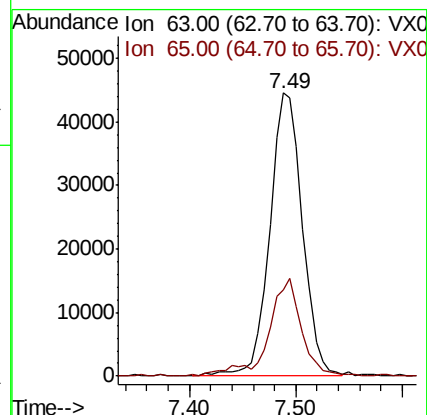
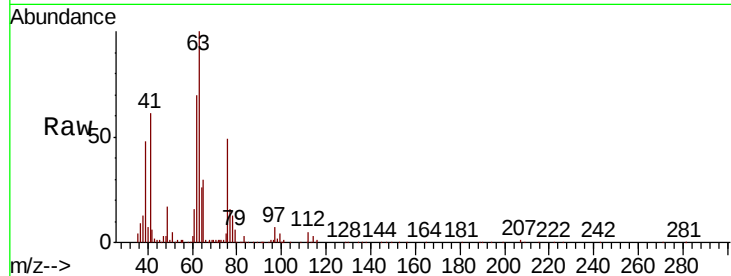
VSTDCCC020EC

Tot Ion: 63 Resp: 95217

Ion Ratio Lower Upper

63 100

65 29.9 25.7 38.5



#40

Dibromomethane

Concen: 21.359 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

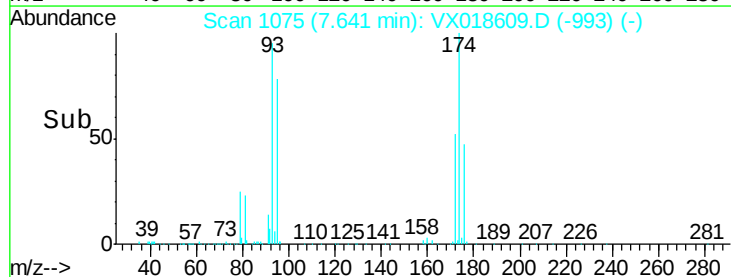
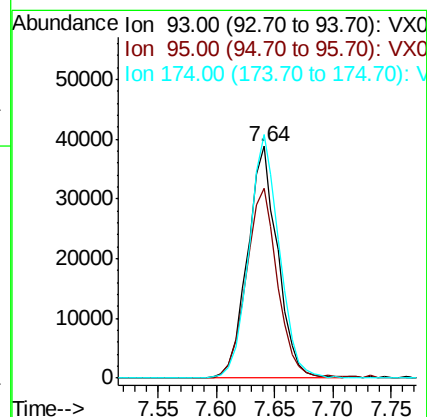
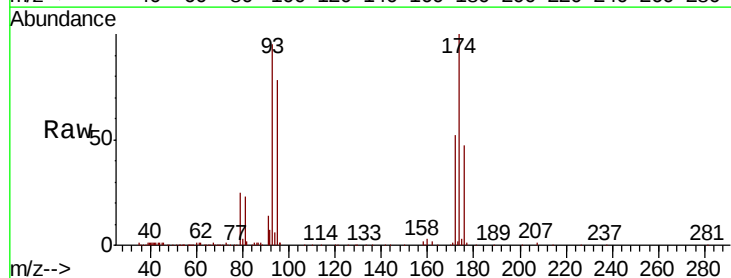
Tgt Ion: 93 Resp: 70481

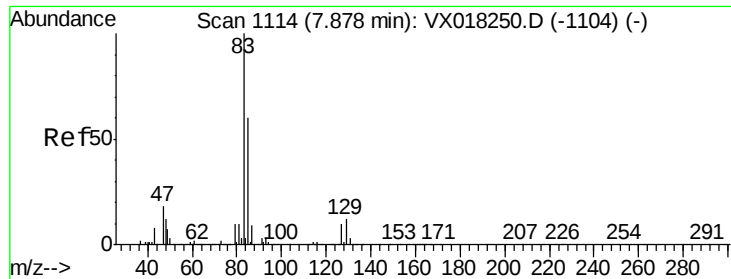
Ion Ratio Lower Upper

93 100

95 83.8 0.0 167.0

174 104.7 0.0 202.0





#41

Bromodichloromethane

Concen: 21.008 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

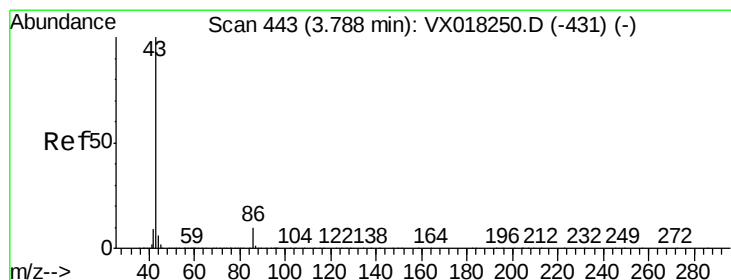
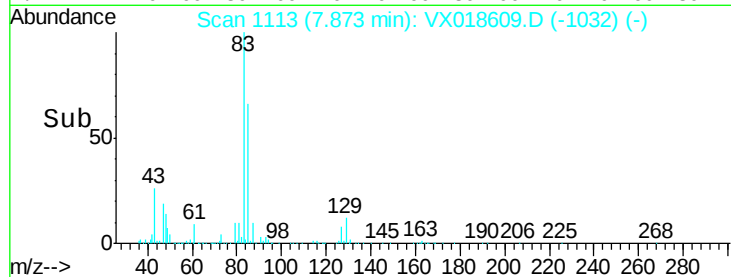
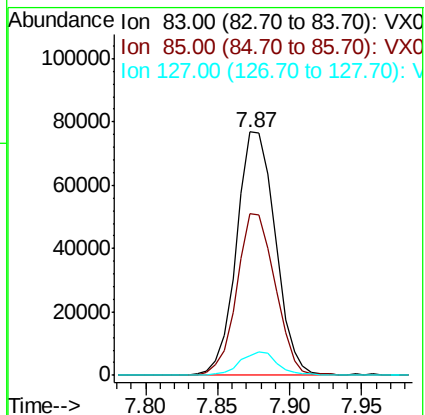
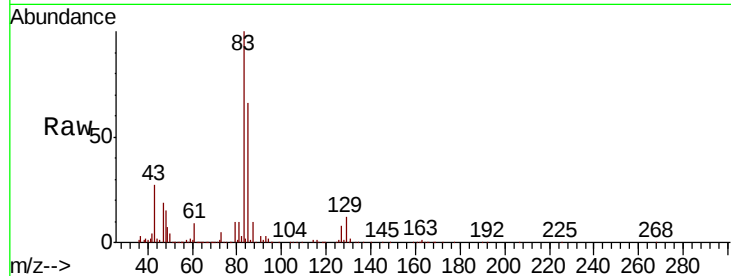
Tot Ion: 83 Resp: 143679

Ion Ratio Lower Upper

83 100

85 66.0 48.2 72.2

127 8.0 8.0 12.0



#42

Vinyl Acetate

Concen: 106.889 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018609.D

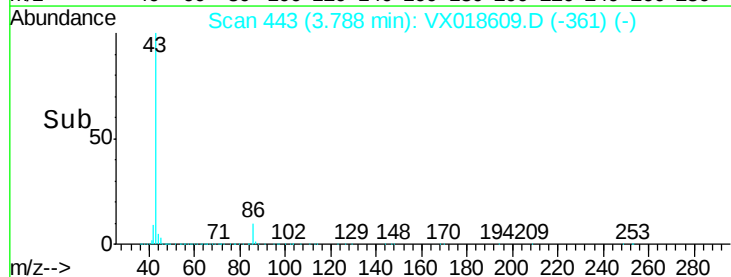
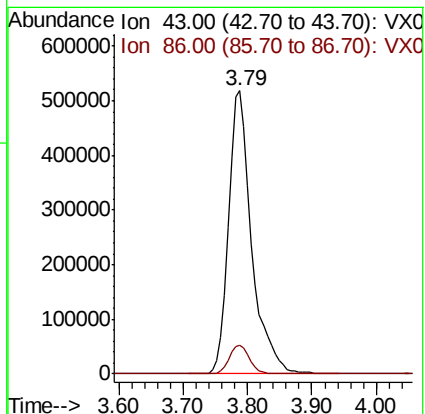
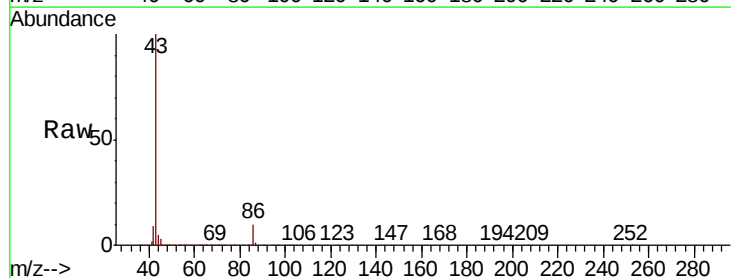
Acq: 25 Sep 2020 20:24

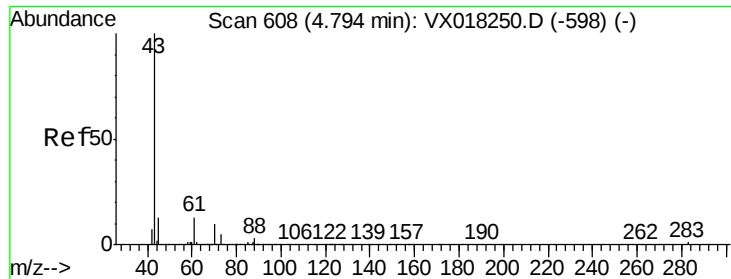
Tgt Ion: 43 Resp: 1305111

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8

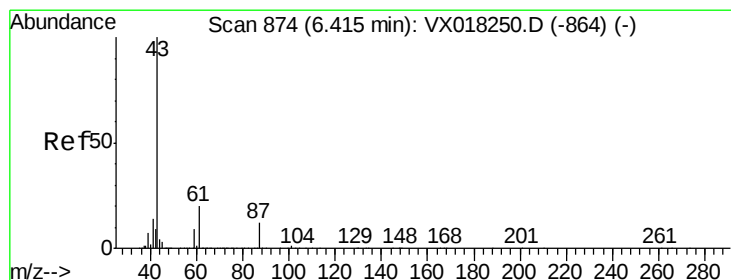
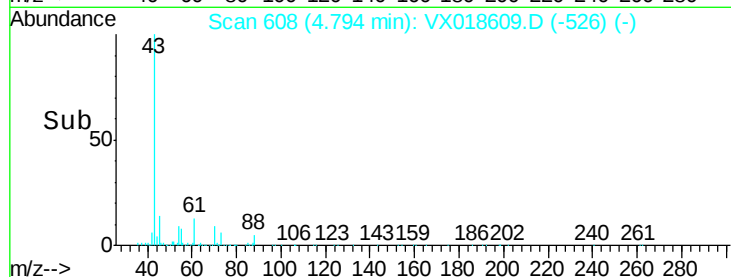
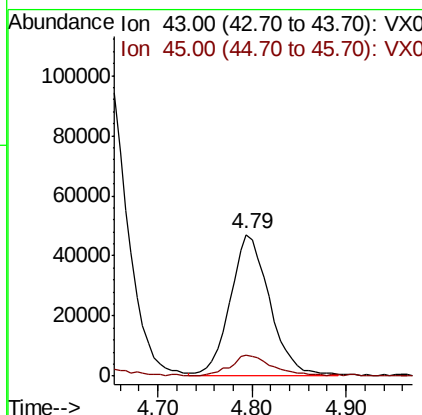
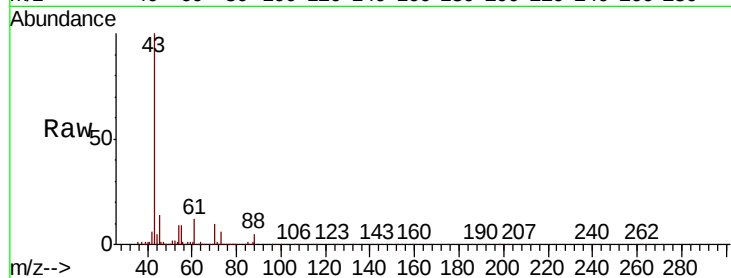




#43
Ethyl Acetate
Concen: 21.268 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

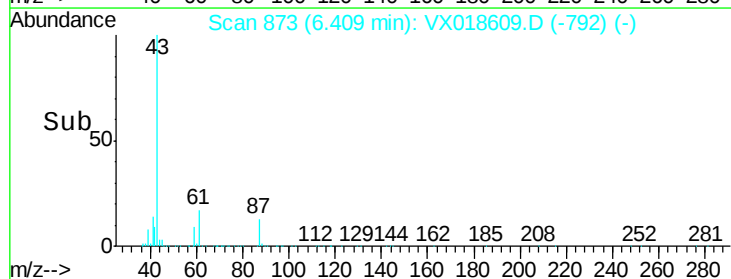
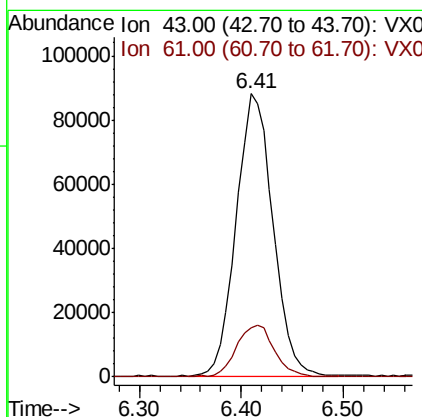
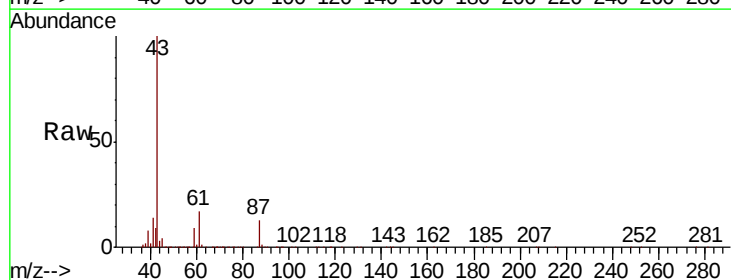
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

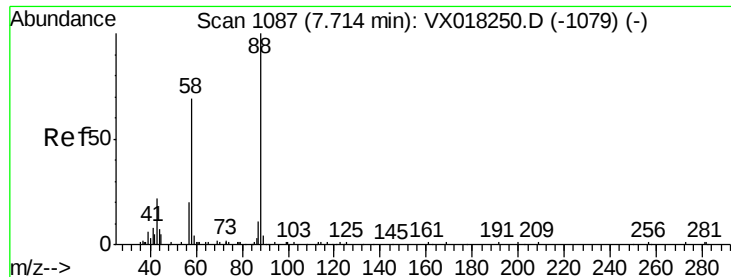
Tot Ion: 43 Resp: 138404
Ion Ratio Lower Upper
43 100
45 13.9 11.2 16.8



#44
Isopropyl Acetate
Concen: 21.007 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion: 43 Resp: 220312
Ion Ratio Lower Upper
43 100
61 19.0 14.6 22.0





#45

1,4-Dioxane

Concen: 288.286 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.03 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

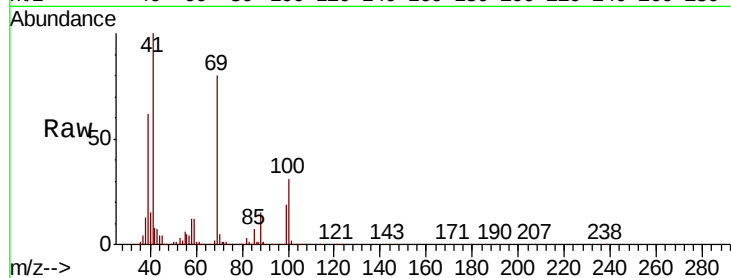
Tot Ion: 88 Resp: 25258

Ion Ratio Lower Upper

88 100

43 31.1 13.6 20.4#

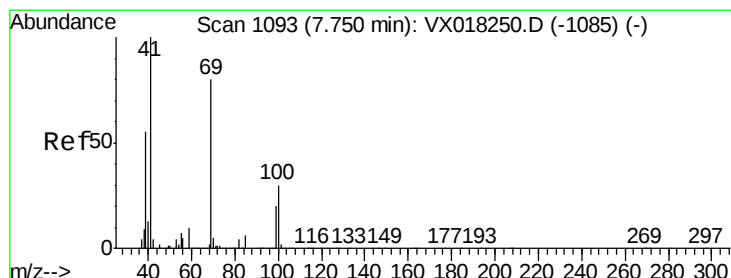
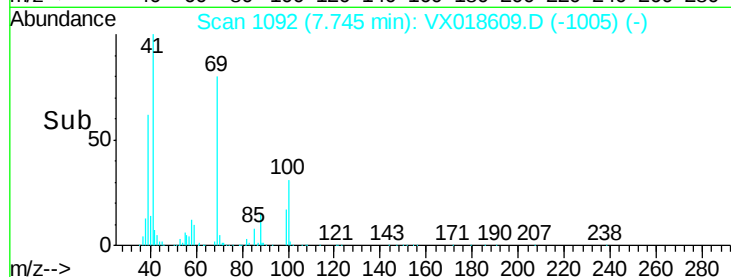
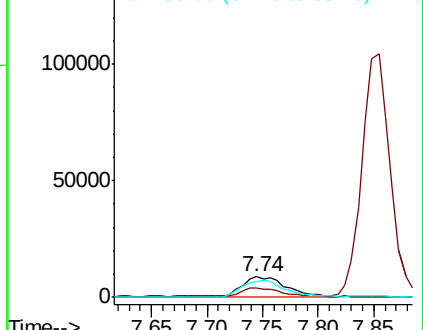
58 76.5 58.2 87.4



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



#46

Methyl methacrylate

Concen: 21.148 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

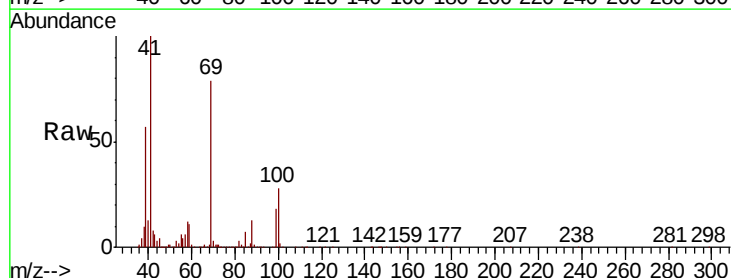
Tgt Ion: 41 Resp: 109154

Ion Ratio Lower Upper

41 100

69 79.3 40.3 120.8

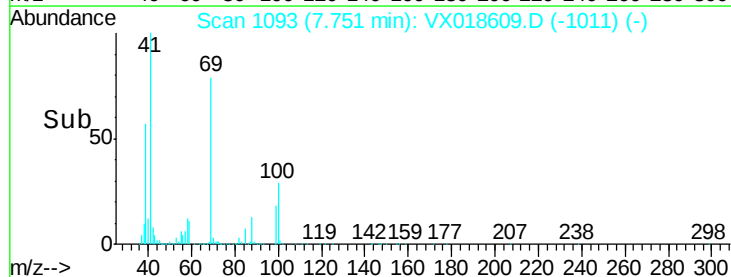
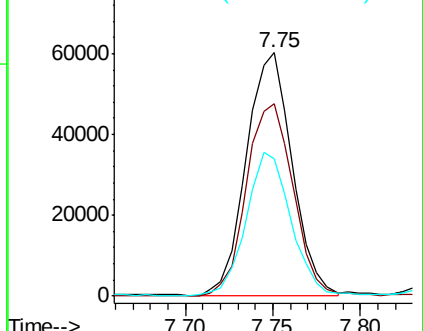
39 56.4 27.3 81.9

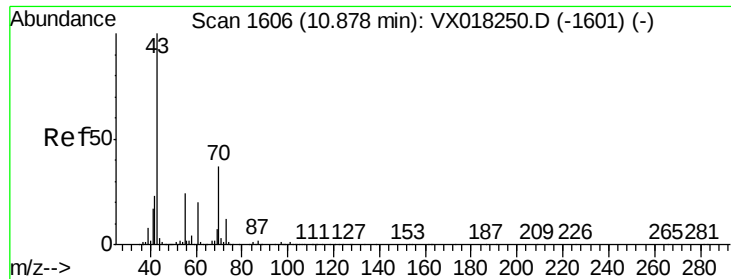


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

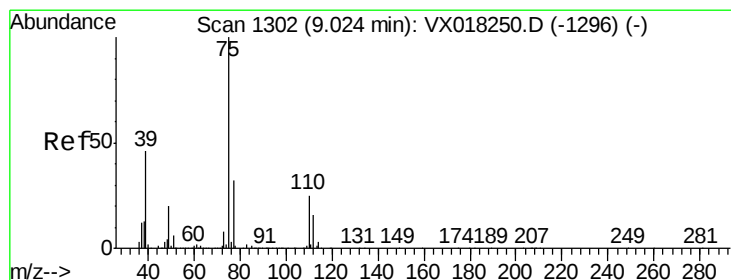
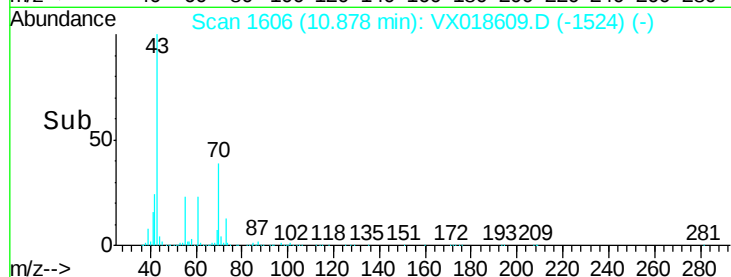
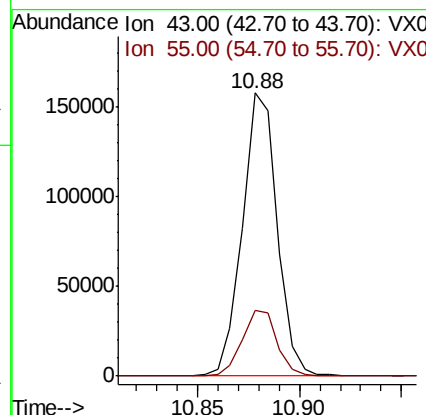
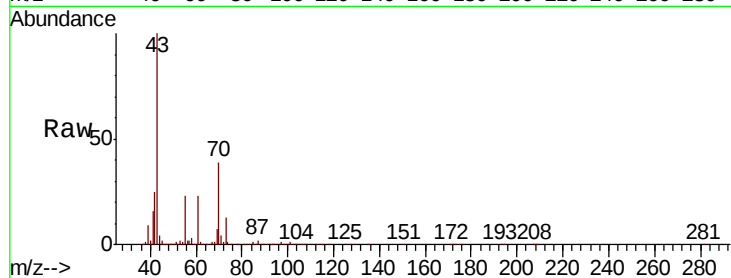




#47
n-amyl Acetate
Concen: 20.131 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

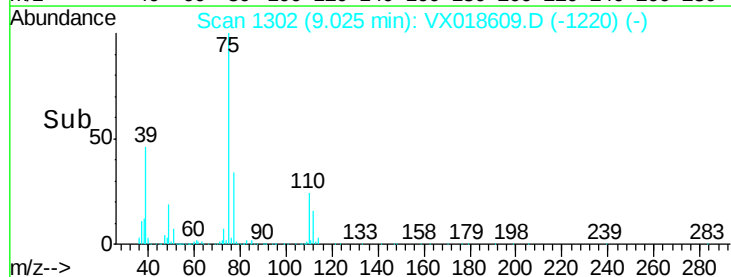
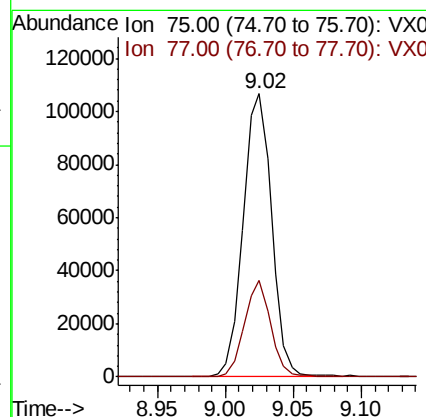
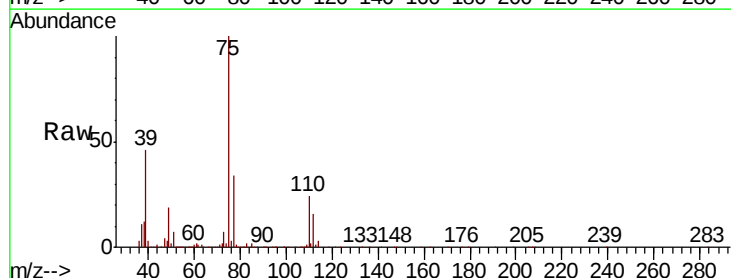
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

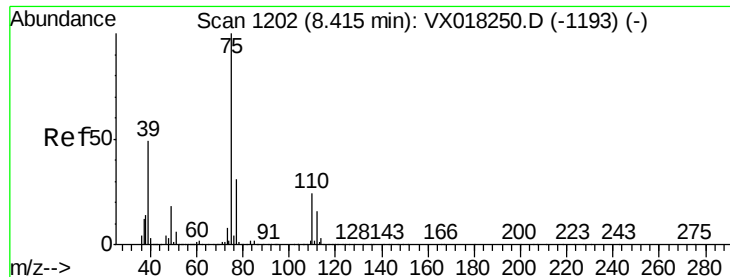
Tot Ion: 43 Resp: 185518
Ion Ratio Lower Upper
43 100
55 23.2 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 21.273 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion: 75 Resp: 156287
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.2



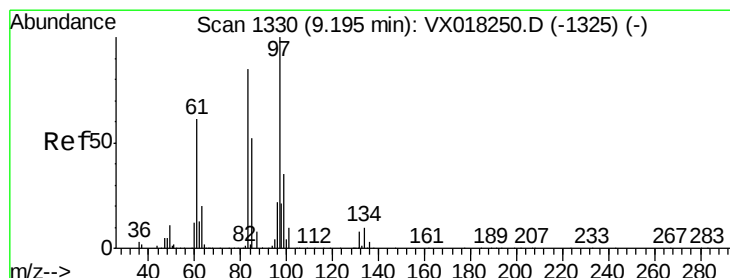
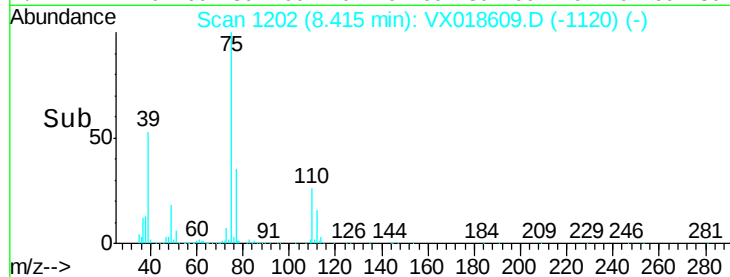
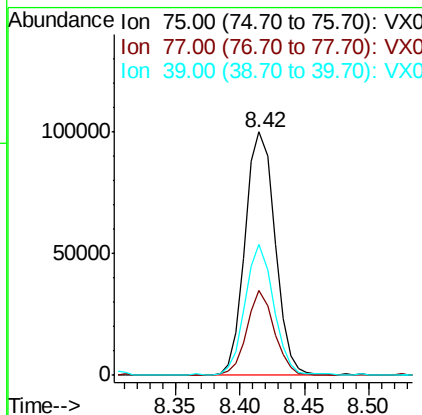
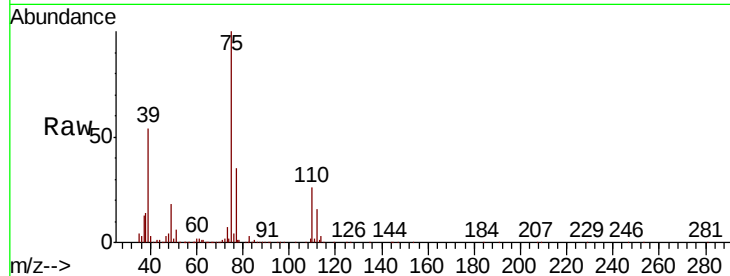


#49

cis-1,3-Dichloropropene
 Concen: 20.885 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

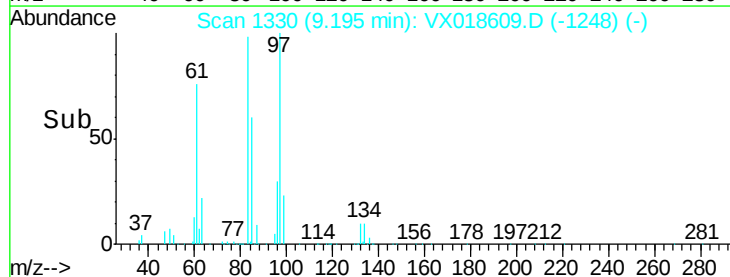
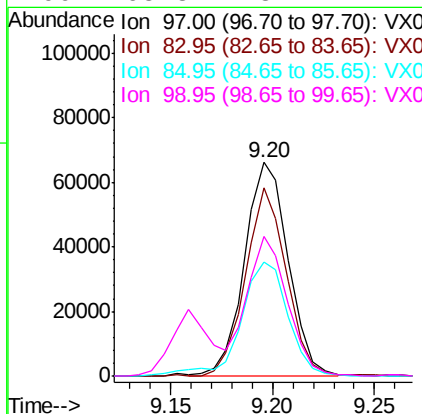
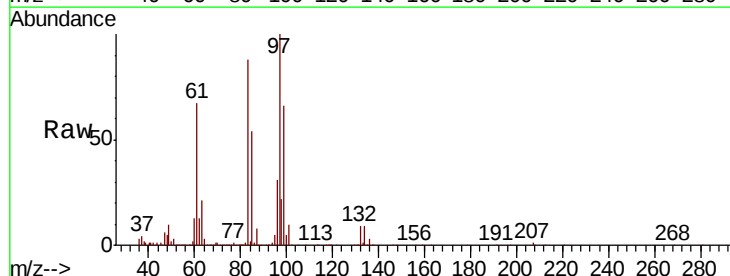
Tot Ion:	75	Resp:	161182
Ion	Ratio	Lower	Upper
75	100		
77	35.1	24.7	37.1
39	53.4	39.6	59.4

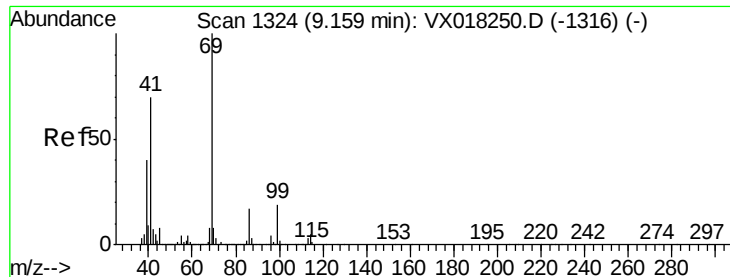


#50

1,1,2-Trichloroethane
 Concen: 21.425 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion:	97	Resp:	98515
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.1	102.1
85	53.1	42.6	64.0
99	65.8	48.2	72.2





#51

Ethyl methacrylate

Concen: 20.989 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

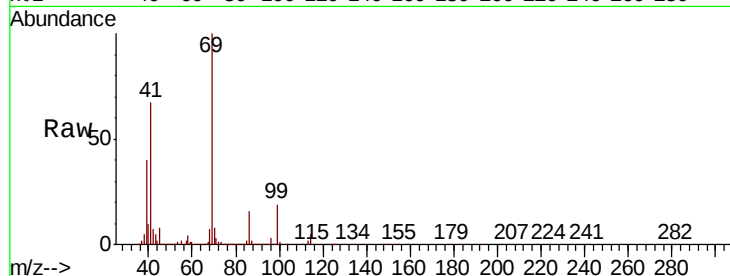
Tot Ion: 69 Resp: 139806

Ion Ratio Lower Upper

69 100

41 66.7 34.9 104.7

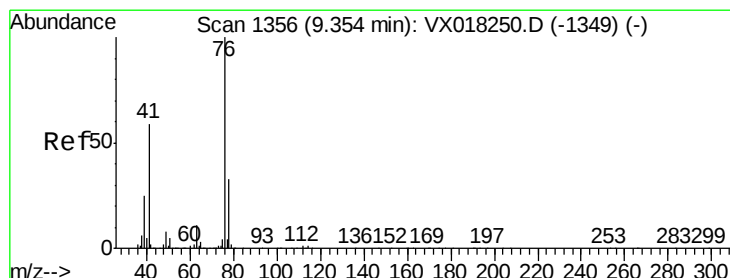
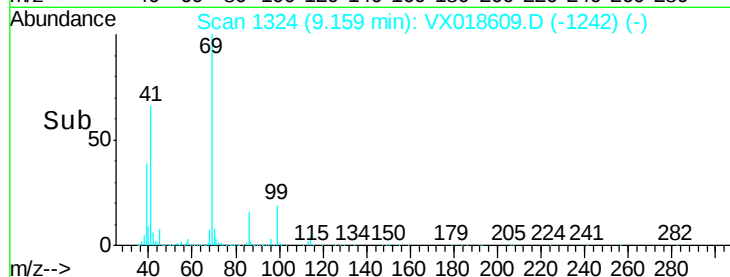
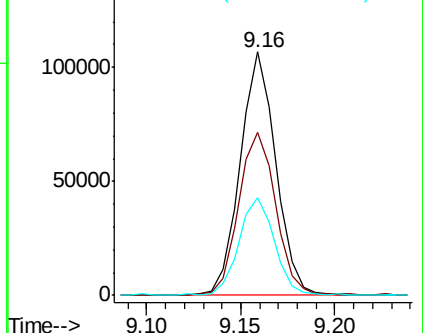
39 39.4 19.8 59.3



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



#52

1,3-Dichloropropane

Concen: 20.890 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018609.D

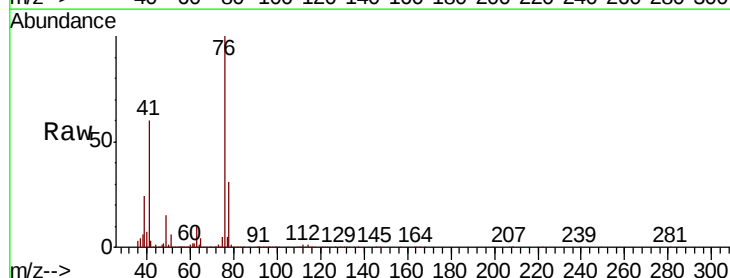
Acq: 25 Sep 2020 20:24

Tgt Ion: 76 Resp: 159434

Ion Ratio Lower Upper

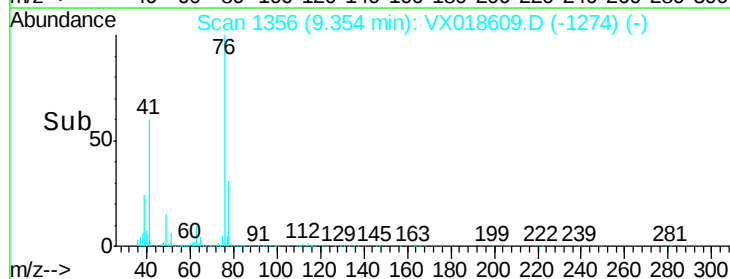
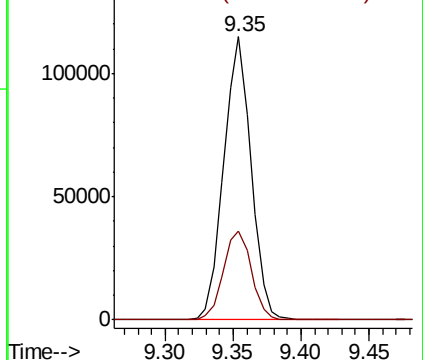
76 100

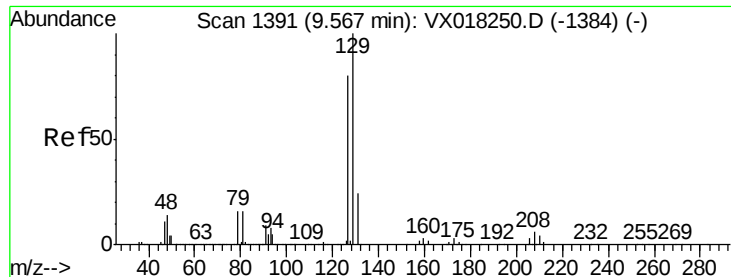
78 32.4 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.658 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

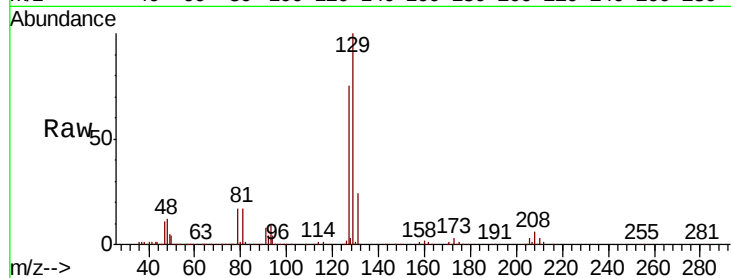
VSTDCCC020EC

Tot Ion:129 Resp: 118110

Ion Ratio Lower Upper

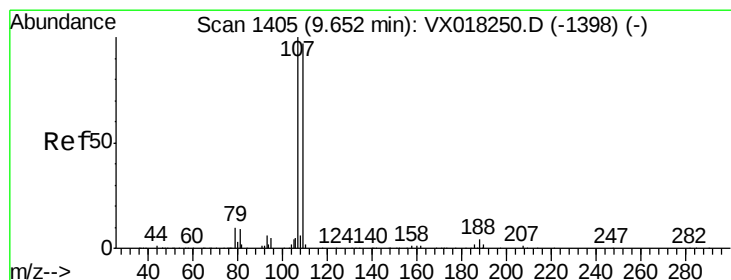
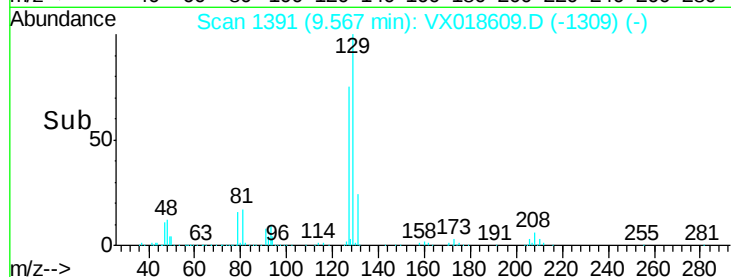
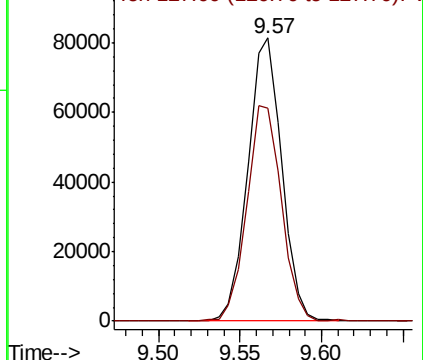
129 100

127 77.7 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.396 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018609.D

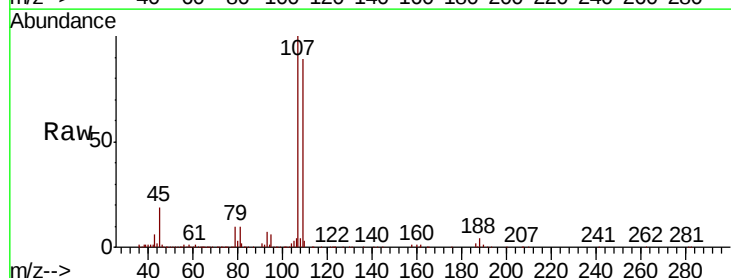
Acq: 25 Sep 2020 20:24

Tgt Ion:107 Resp: 107929

Ion Ratio Lower Upper

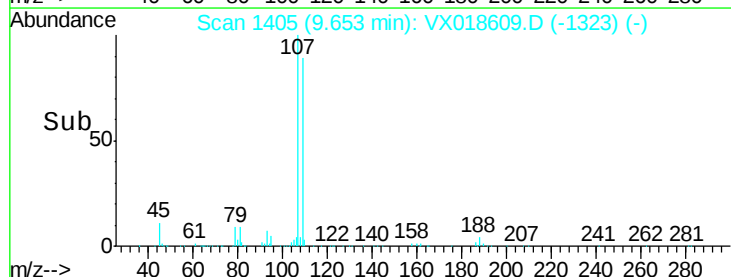
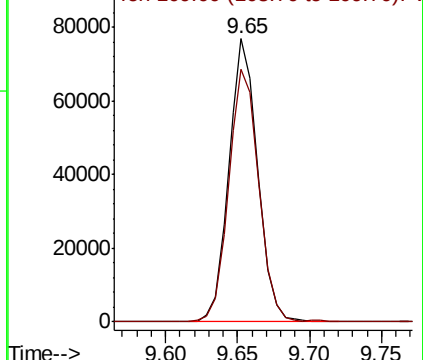
107 100

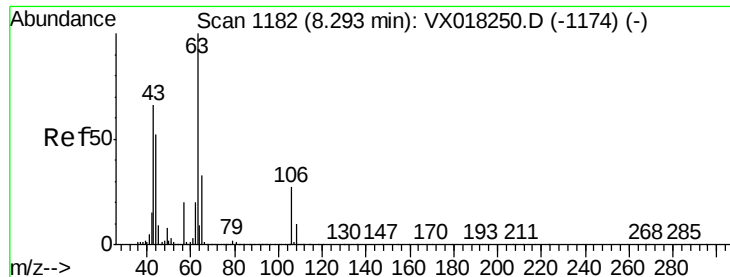
109 92.6 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 109.116 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

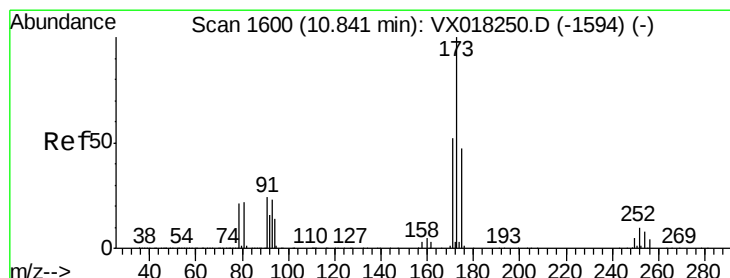
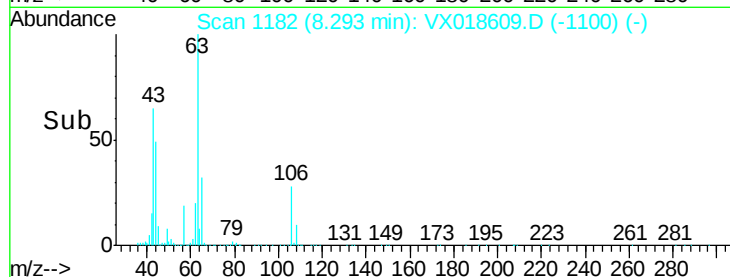
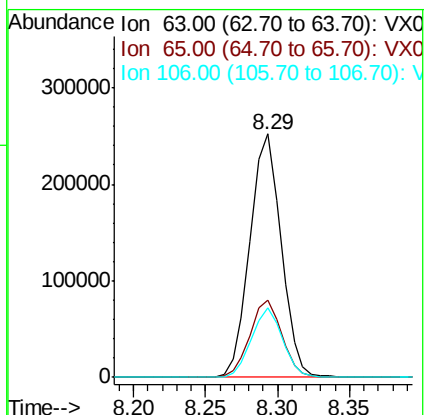
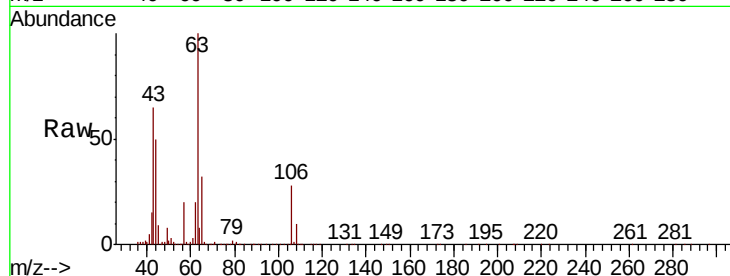
Tot Ion: 63 Resp: 379546

Ion Ratio Lower Upper

63 100

65 32.2 26.0 39.0

106 28.3 22.3 33.5



#56

Bromoform

Concen: 20.386 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

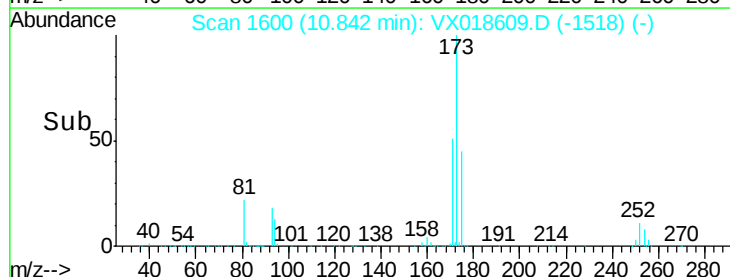
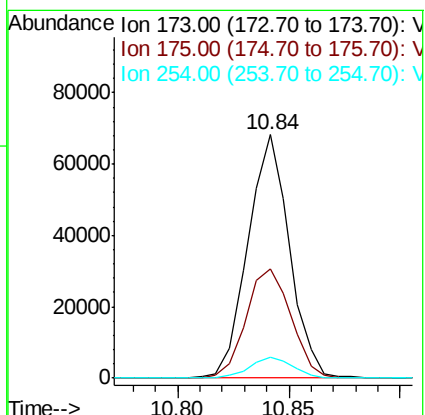
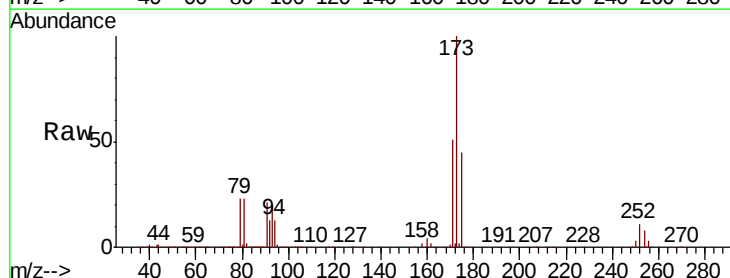
Tgt Ion: 173 Resp: 88556

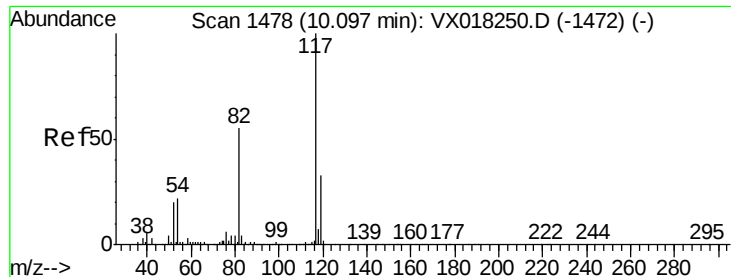
Ion Ratio Lower Upper

173 100

175 48.5 40.2 60.2

254 8.9 7.3 10.9

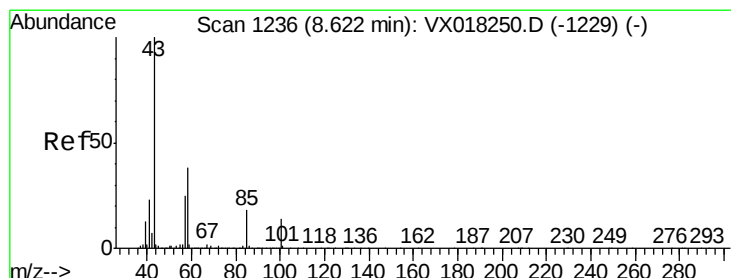
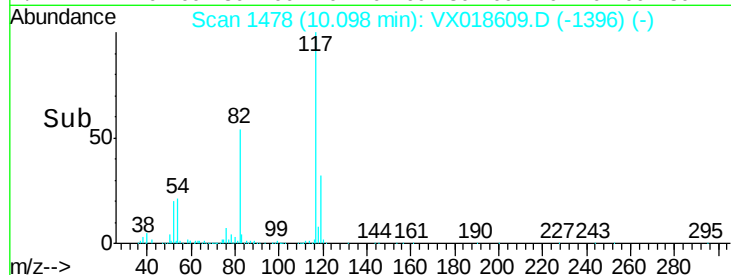
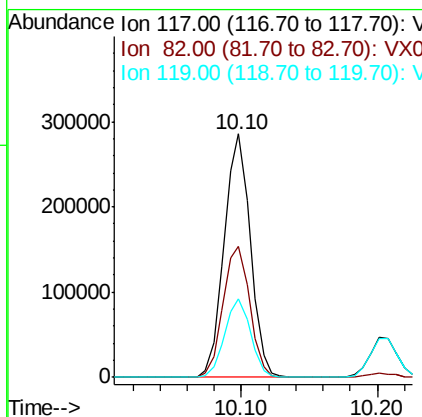
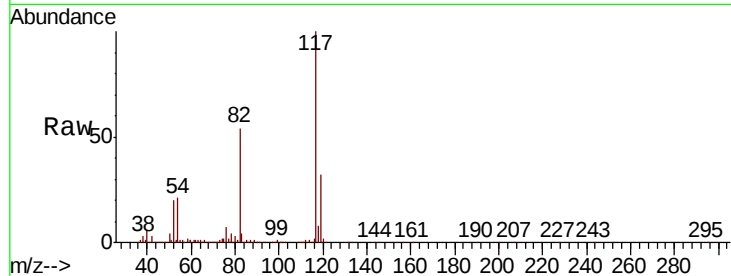




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

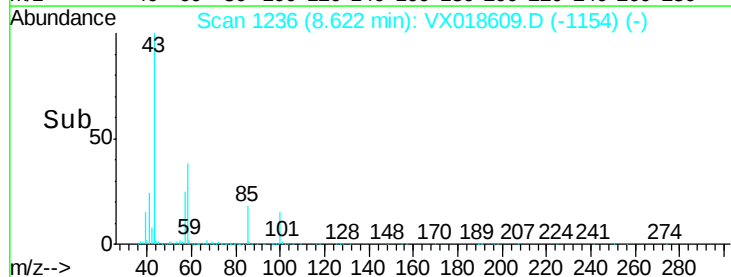
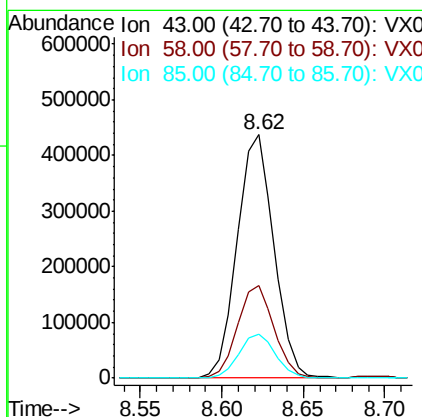
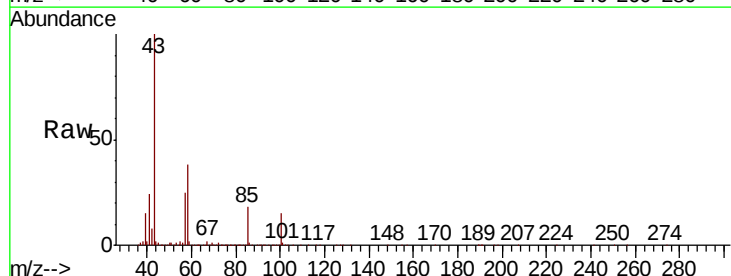
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

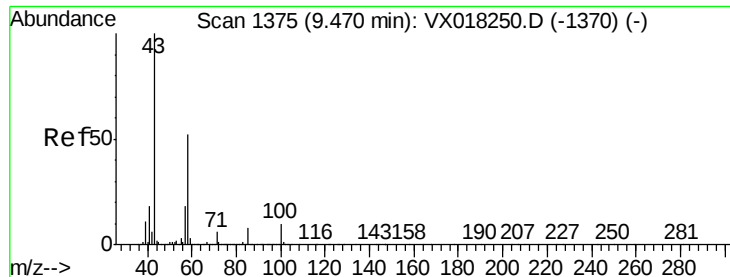
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.4
119	31.8	26.1	39.1



#58
4-Methyl-2-Pentanone
Concen: 103.801 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.0	45.0
85	18.1	14.2	21.4





#59

2-Hexanone

Concen: 103.225 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

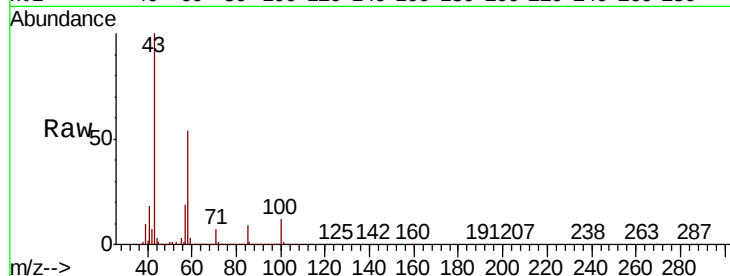
Tot Ion: 43 Resp: 514884

Ion Ratio Lower Upper

43 100

58 52.4 42.5 63.7

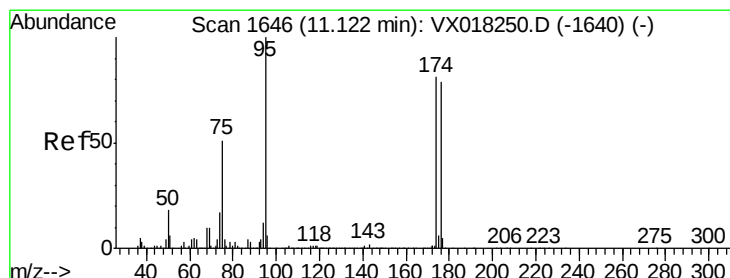
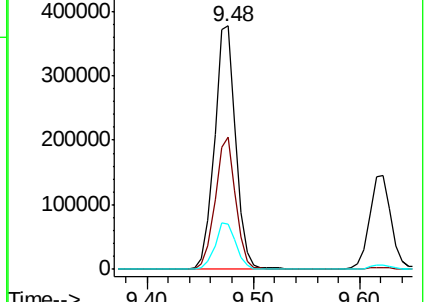
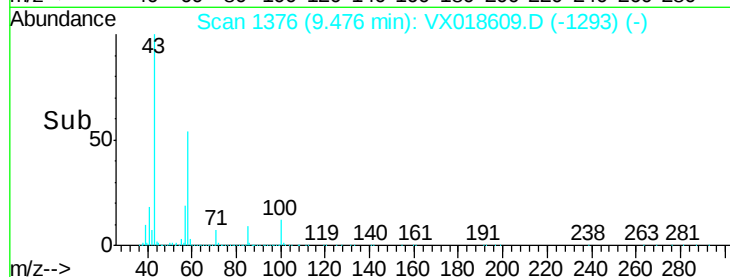
57 18.9 14.8 22.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#60

4-Bromofluorobenzene

Concen: 28.892 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

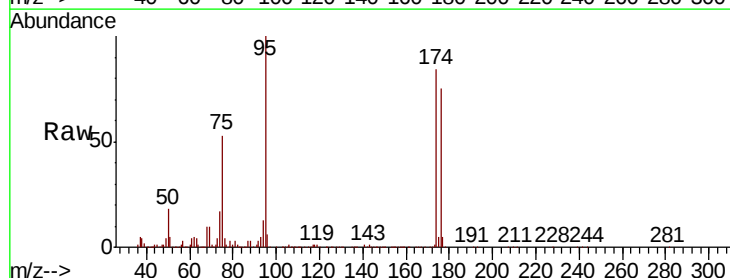
Tgt Ion: 95 Resp: 191728

Ion Ratio Lower Upper

95 100

174 78.8 64.2 96.4

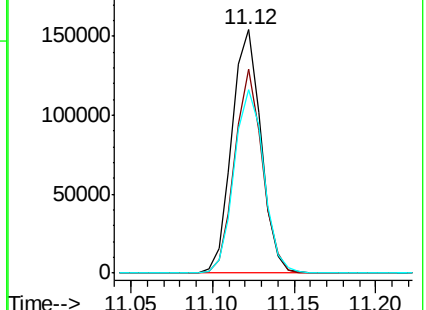
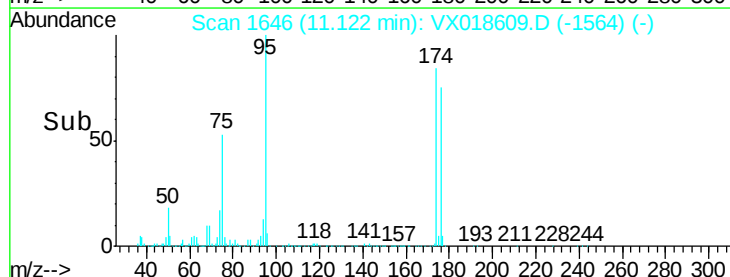
176 77.2 62.2 93.4

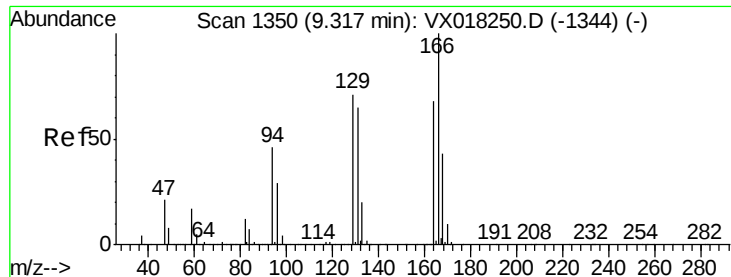


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

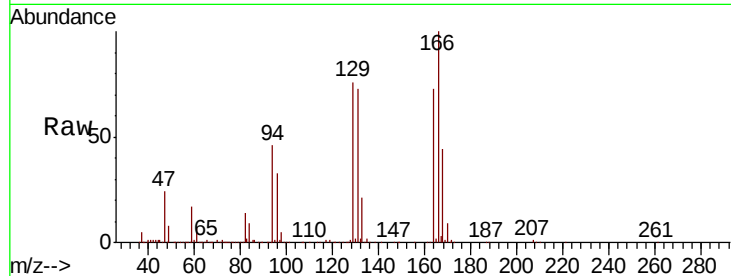




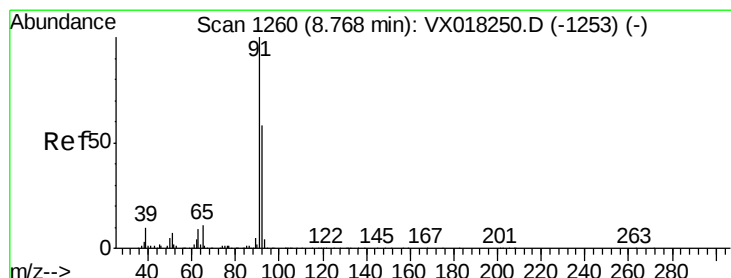
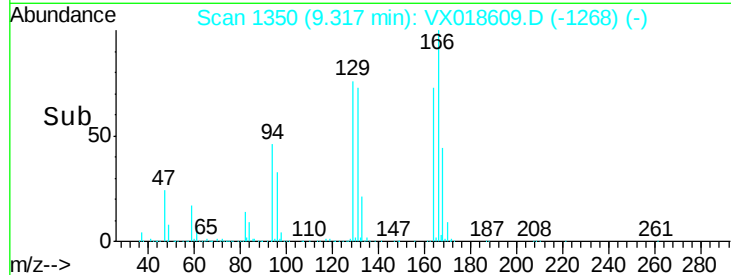
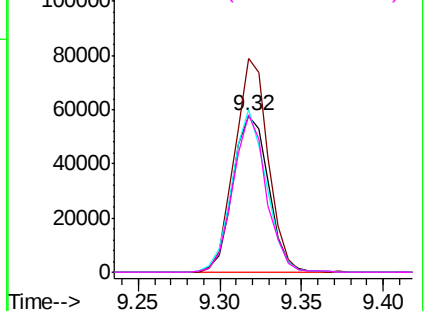
#61
Tetrachloroethene
Concen: 18.403 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:164 Resp: 87877
Ion Ratio Lower Upper
164 100
166 136.1 117.4 176.0
129 103.8 82.7 124.1
131 100.1 76.7 115.1

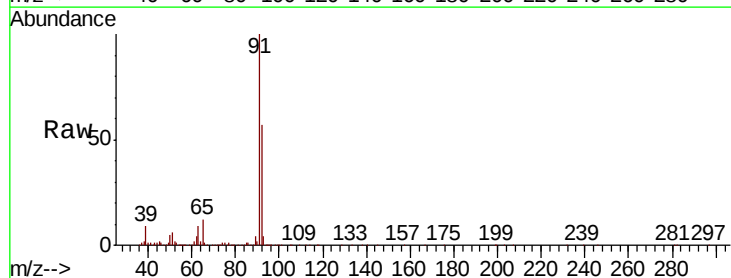


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

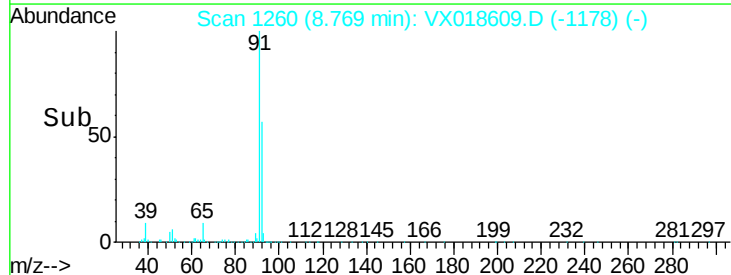
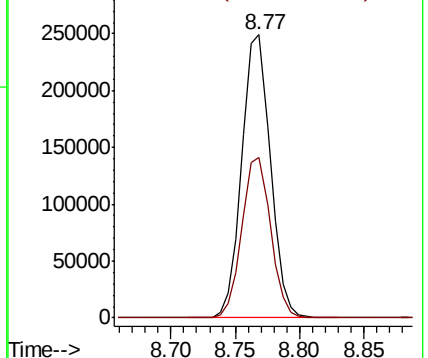


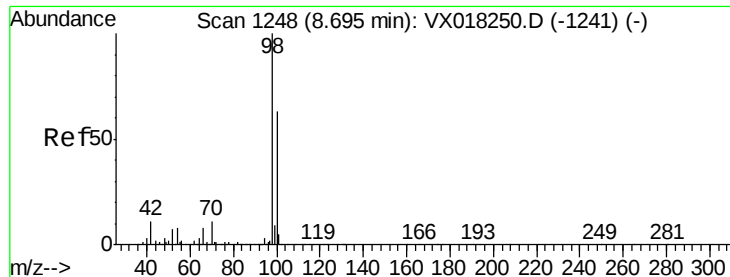
#62
Toluene
Concen: 19.900 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion: 91 Resp: 383438
Ion Ratio Lower Upper
91 100
92 56.9 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.917 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

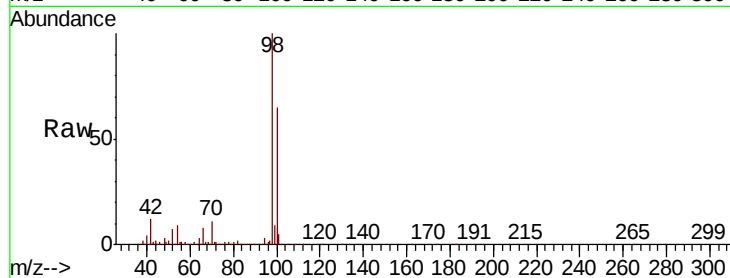
VSTDCCC020EC

Tot Ion: 98 Resp: 487991

Ion Ratio Lower Upper

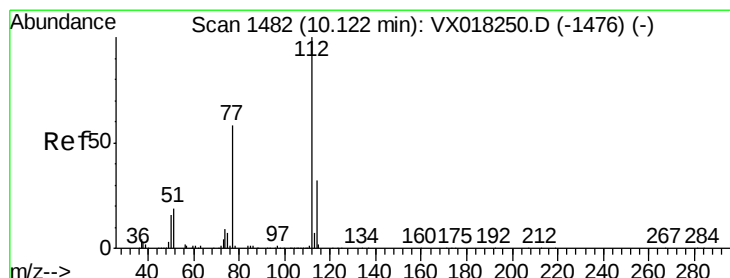
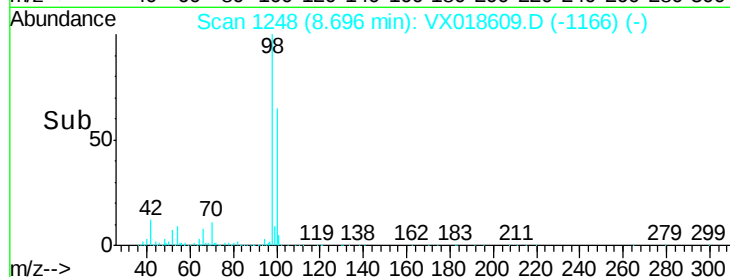
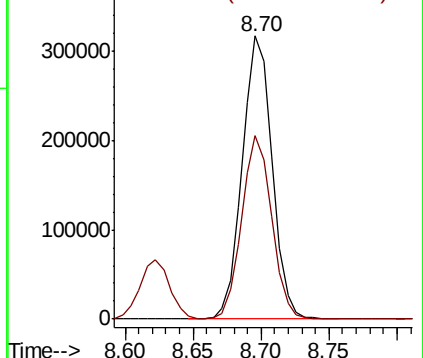
98 100

100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 19.922 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018609.D

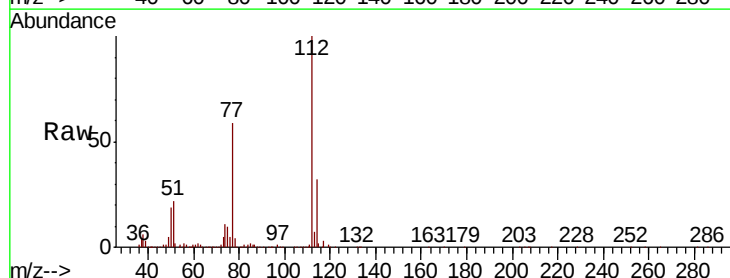
Acq: 25 Sep 2020 20:24

Tgt Ion: 112 Resp: 246679

Ion Ratio Lower Upper

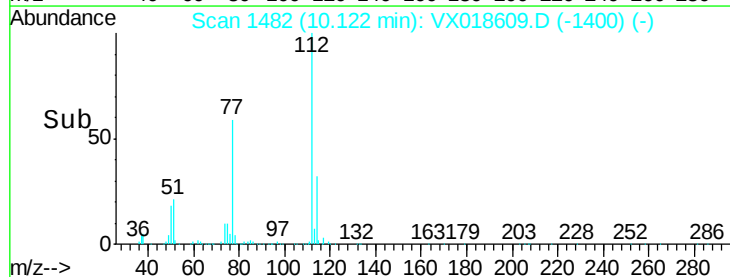
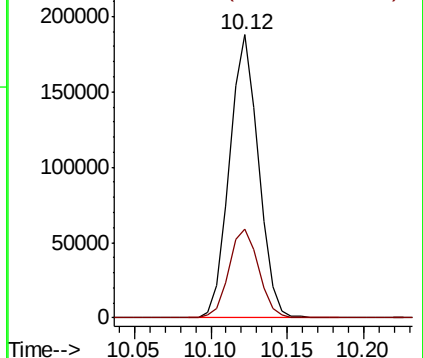
112 100

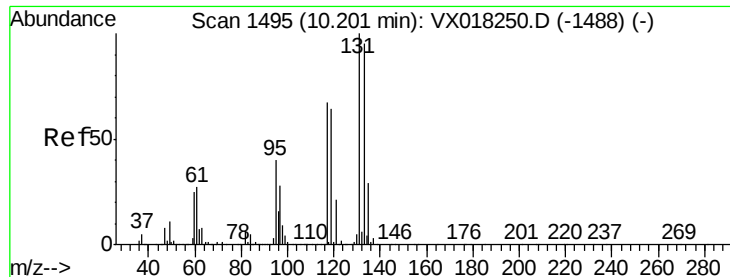
114 31.6 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.177 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

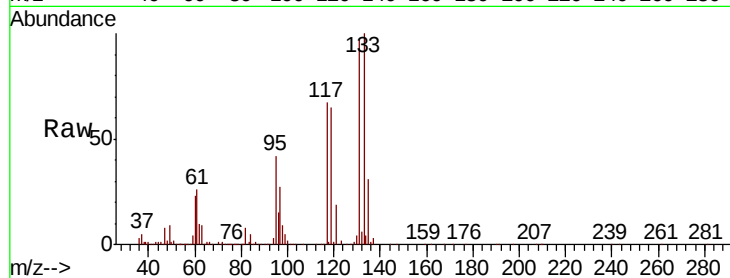
Tot Ion:131 Resp: 101184

Ion Ratio Lower Upper

131 100

133 94.7 0.0 197.2

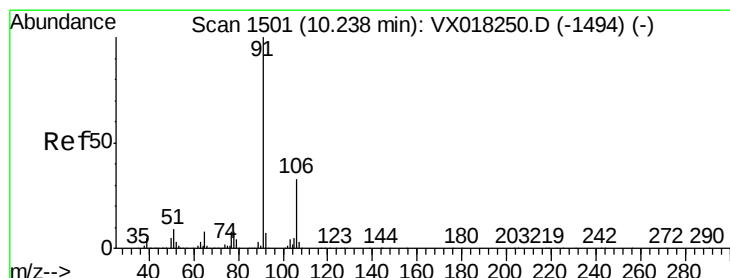
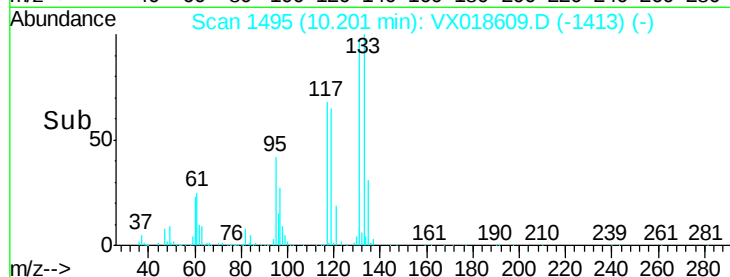
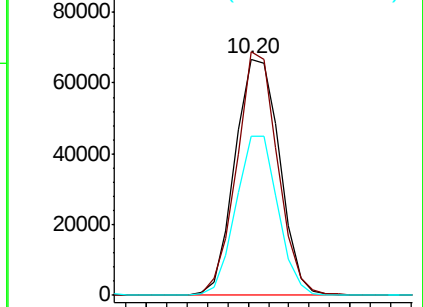
119 63.0 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.292 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018609.D

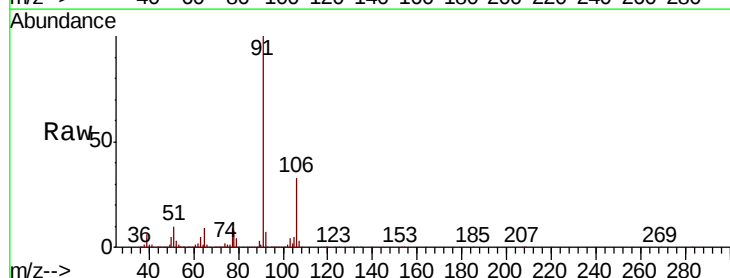
Acq: 25 Sep 2020 20:24

Tgt Ion: 91 Resp: 410754

Ion Ratio Lower Upper

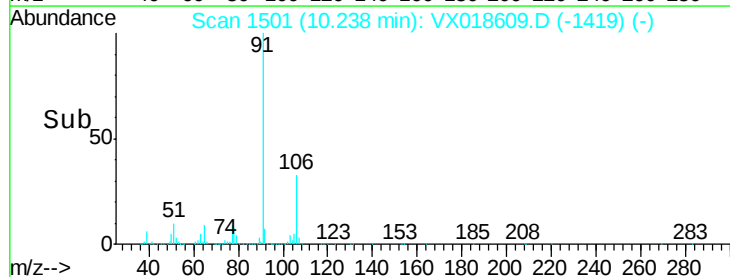
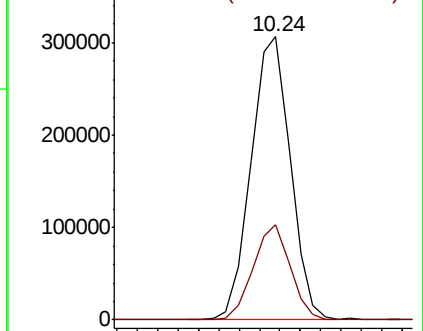
91 100

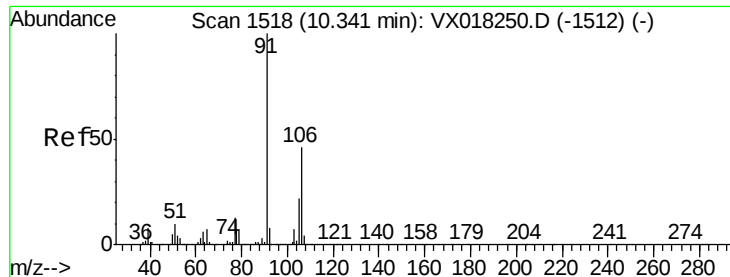
106 33.4 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

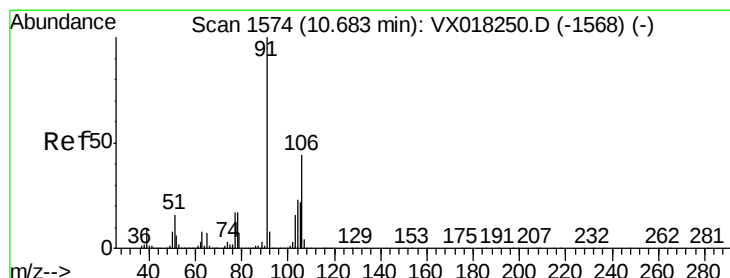
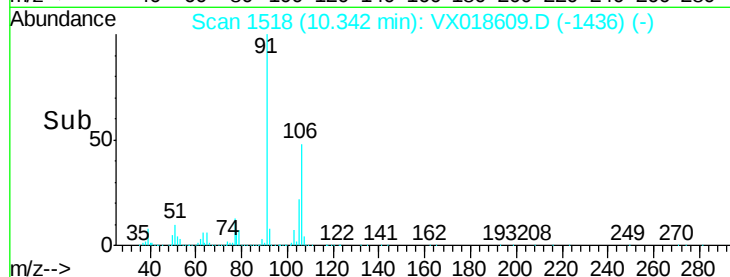
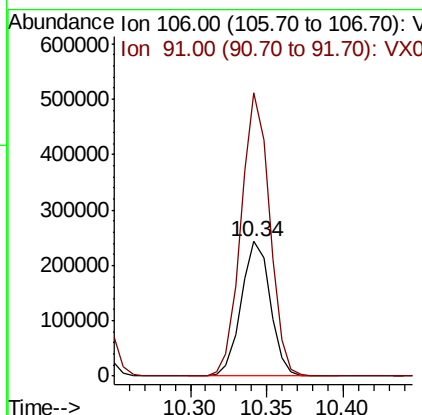
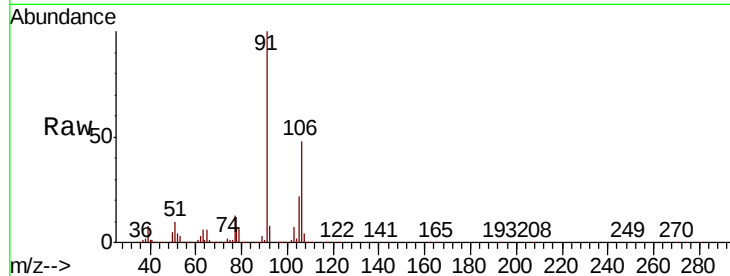




#67
m/p-Xylenes
Concen: 39.406 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

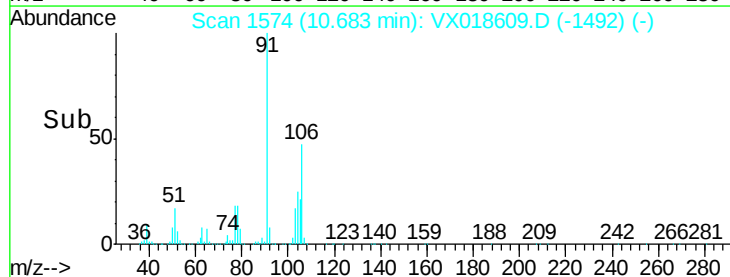
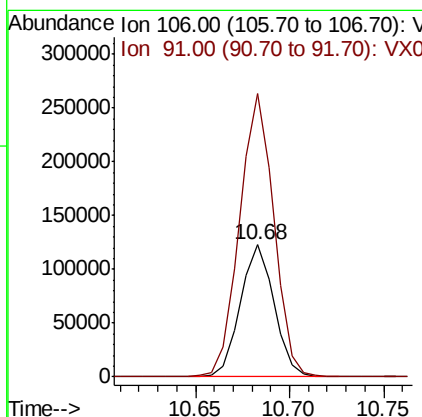
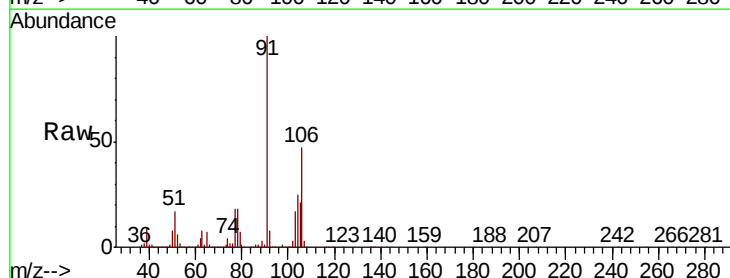
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

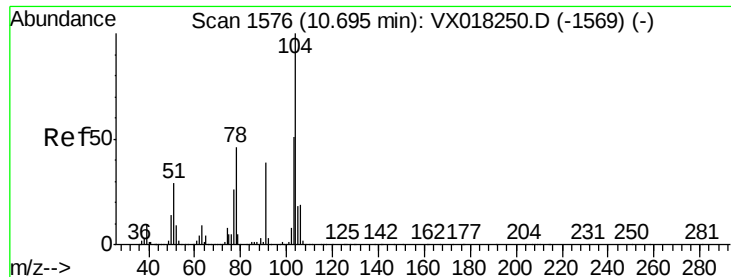
Tot Ion:106 Resp: 320851
Ion Ratio Lower Upper
106 100
91 206.3 166.2 249.2



#68
o-Xylene
Concen: 19.927 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion:106 Resp: 153309
Ion Ratio Lower Upper
106 100
91 216.8 109.2 327.6





#69

Stvrene

Concen: 20.025 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

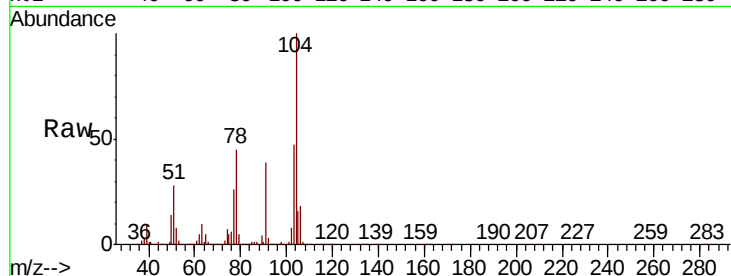
Tot Ion:104 Resp: 268791

Ion Ratio Lower Upper

104 100

78 52.3 41.7 62.5

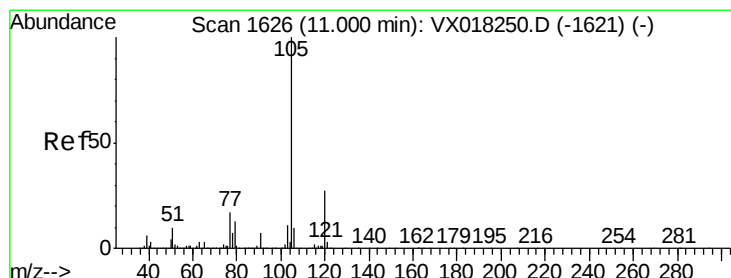
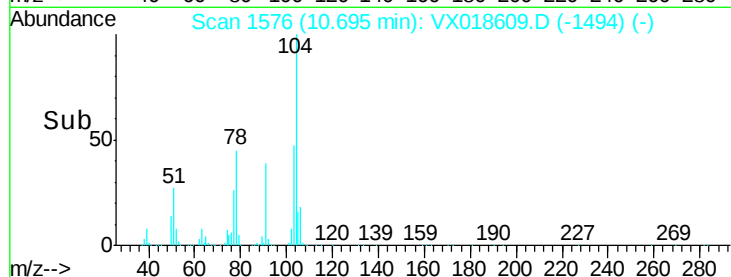
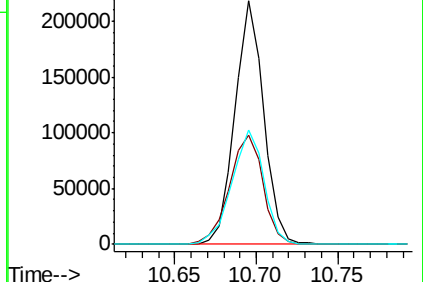
103 52.8 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.197 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018609.D

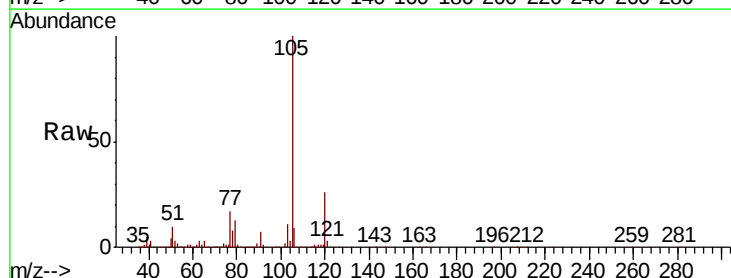
Acq: 25 Sep 2020 20:24

Tgt Ion:105 Resp: 410725

Ion Ratio Lower Upper

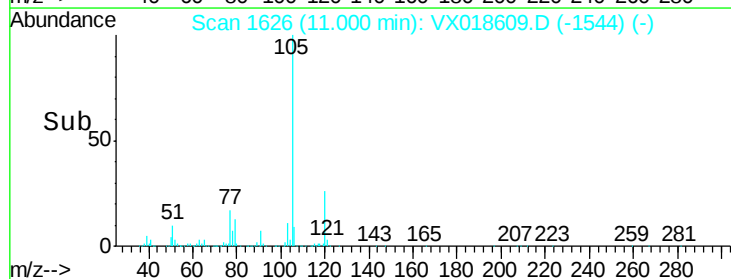
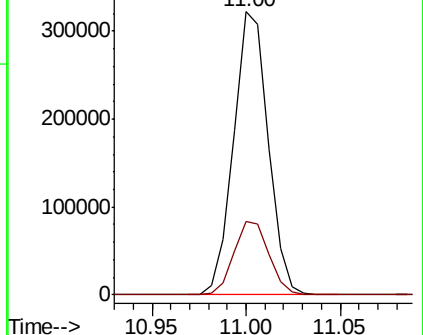
105 100

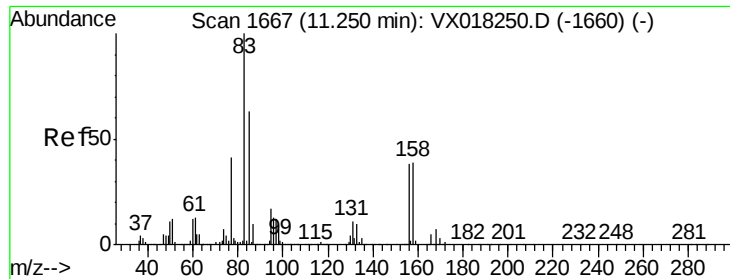
120 26.5 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.957 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

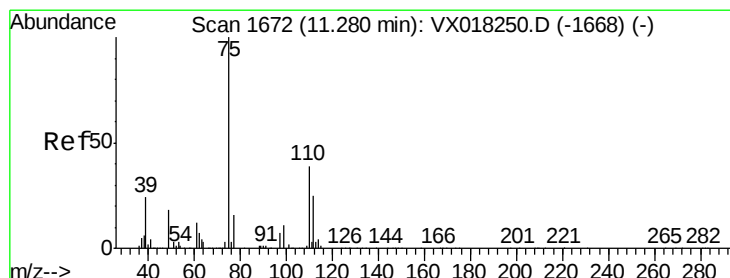
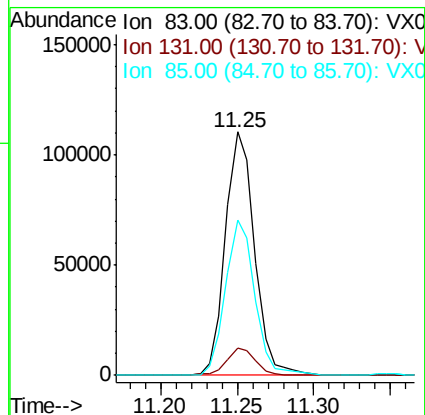
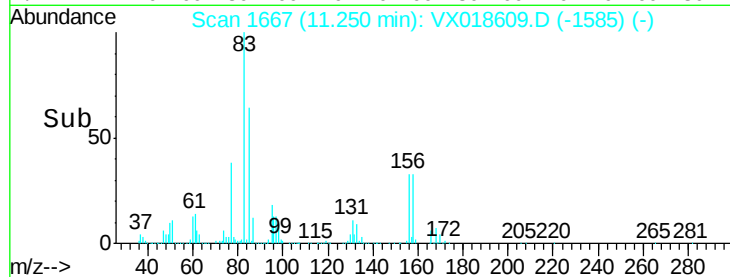
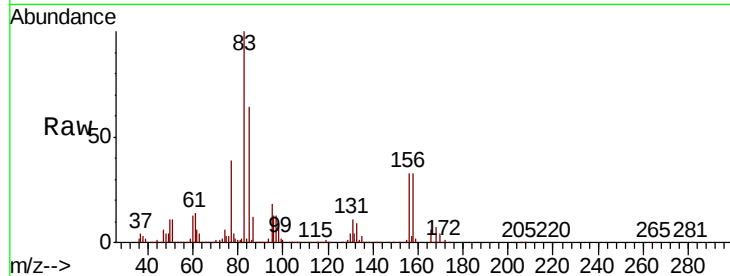
Tot Ion: 83 Resp: 146524

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.3

85 64.0 31.3 93.9



#72

1,2,3-Trichloropropane

Concen: 24.769 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018609.D

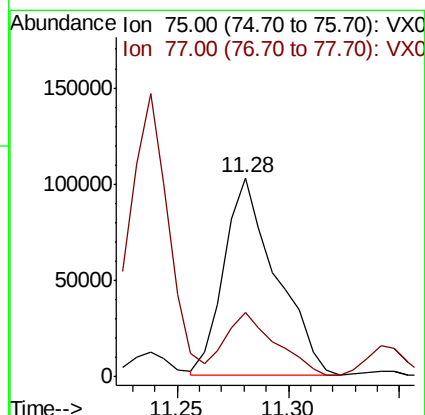
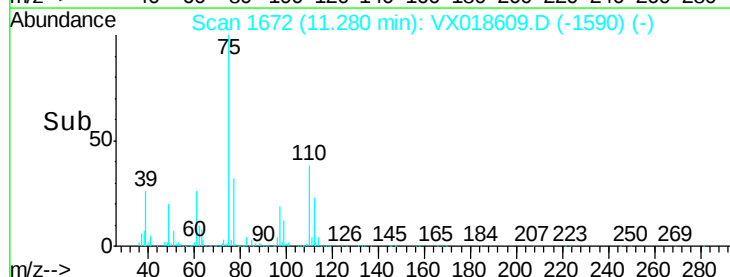
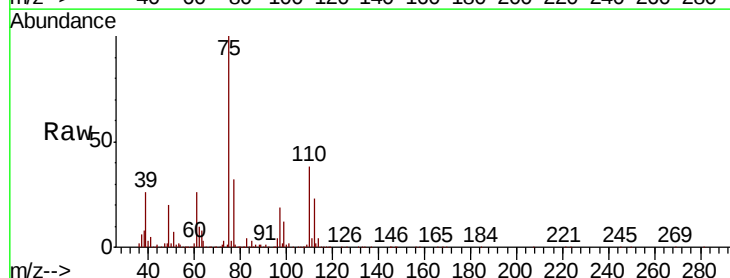
Acq: 25 Sep 2020 20:24

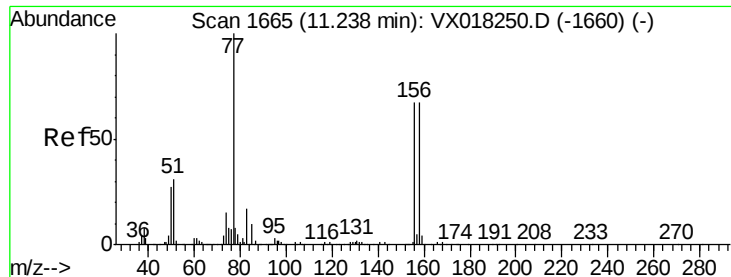
Tgt Ion: 75 Resp: 166382

Ion Ratio Lower Upper

75 100

77 32.1 0.0 74.8





#73

Bromobenzene

Concen: 18.727 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

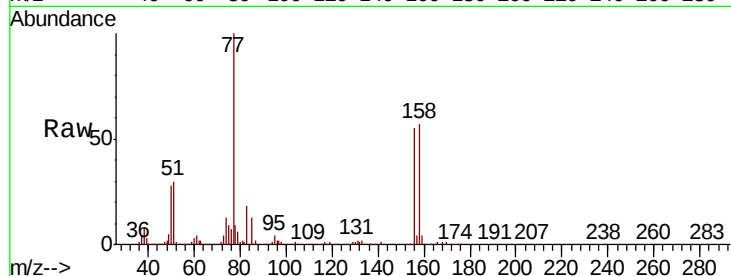
Tot Ion:156 Resp: 109764

Ion Ratio Lower Upper

156 100

77 163.3 0.0 311.0

158 98.8 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V

200000

150000

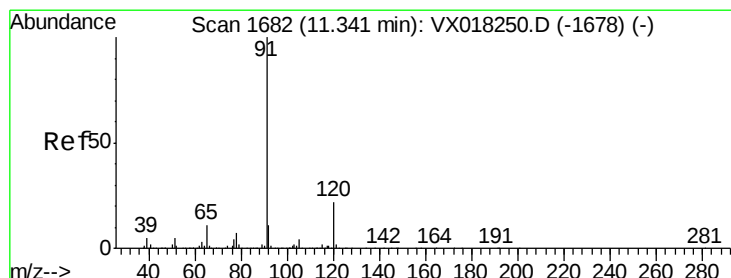
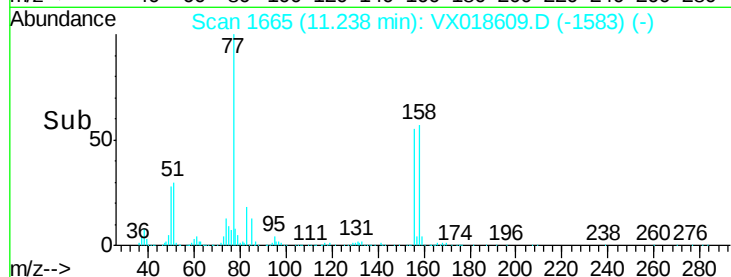
100000

50000

0

11.20 11.25 11.30

Time-->



#74

n-propylbenzene

Concen: 18.861 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018609.D

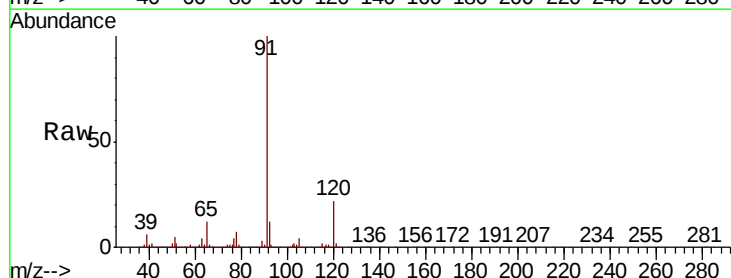
Acq: 25 Sep 2020 20:24

Tgt Ion: 91 Resp: 475152

Ion Ratio Lower Upper

91 100

120 23.2 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

400000

300000

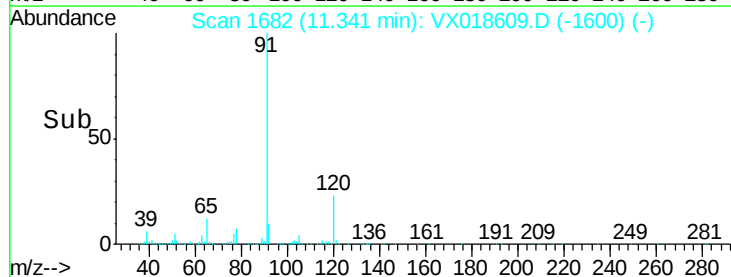
200000

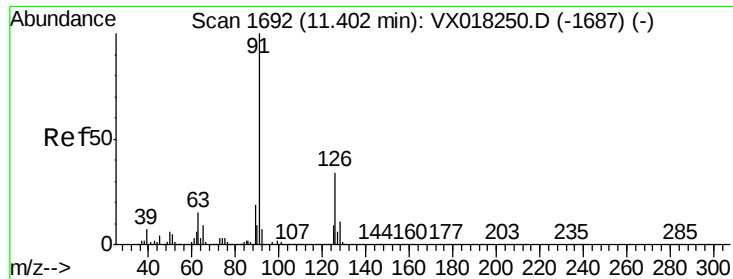
100000

0

11.30 11.35

Time-->





#75

2-Chlorotoluene

Concen: 18.772 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

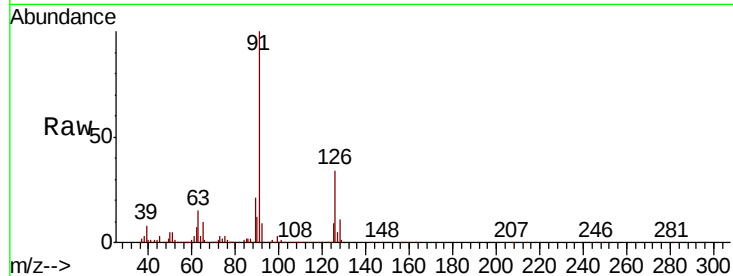
VSTDCCC020EC

Tot Ion: 91 Resp: 286623

Ion Ratio Lower Upper

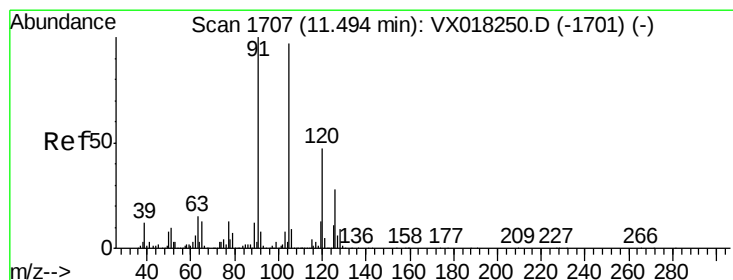
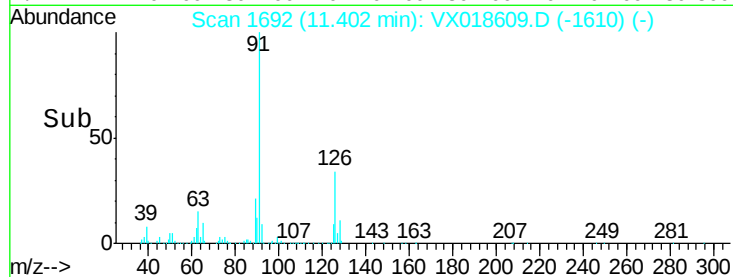
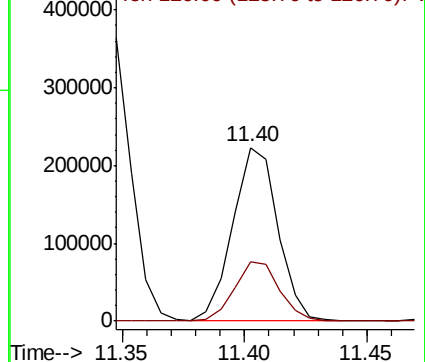
91 100

126 34.2 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.765 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018609.D

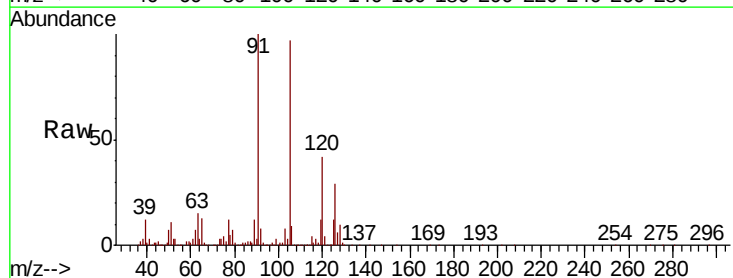
Acq: 25 Sep 2020 20:24

Tgt Ion: 105 Resp: 349752

Ion Ratio Lower Upper

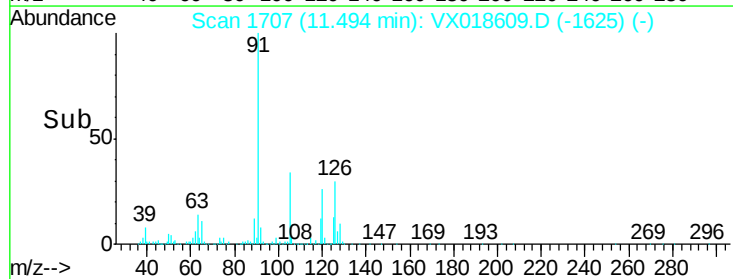
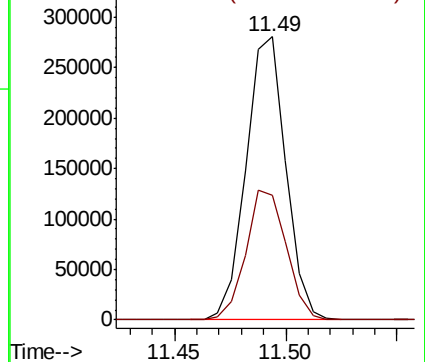
105 100

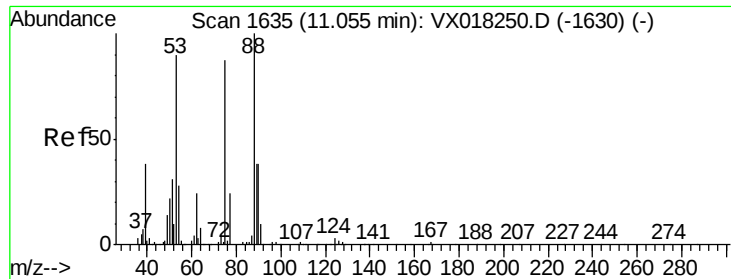
120 46.7 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.986 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

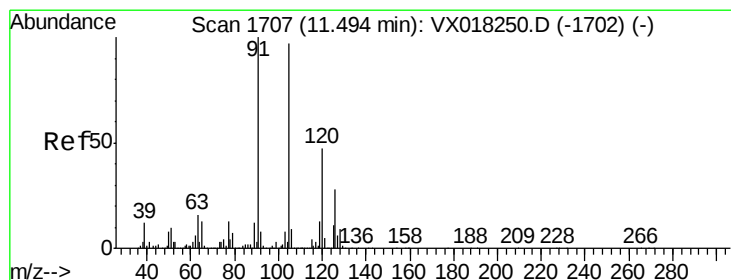
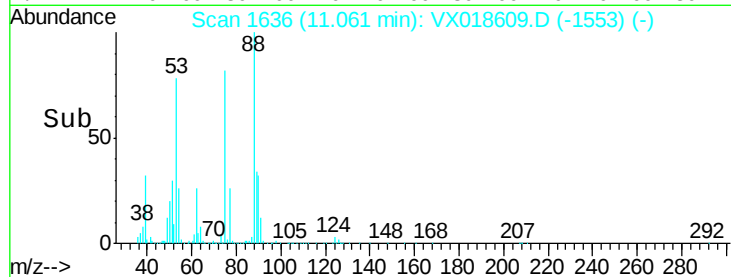
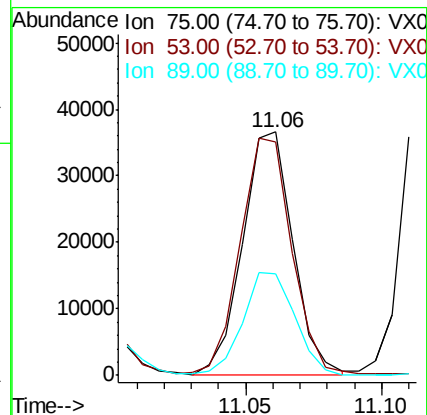
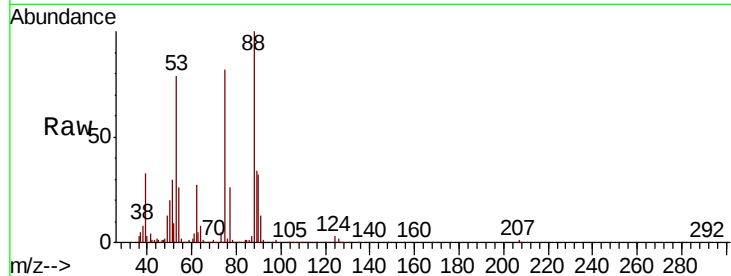
Tot Ion: 75 Resp: 46951

Ion Ratio Lower Upper

75 100

53 95.1 52.1 156.4

89 41.7 22.1 66.3



#78

4-Chlorotoluene

Concen: 18.987 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018609.D

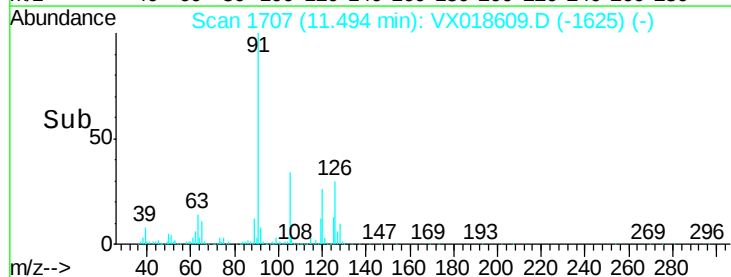
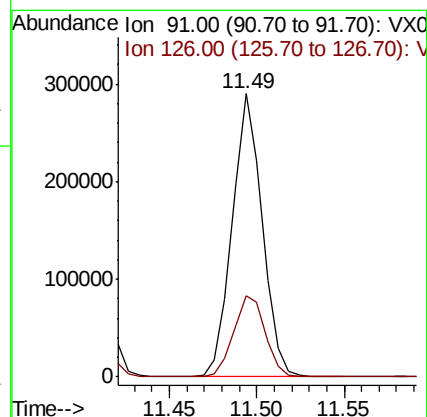
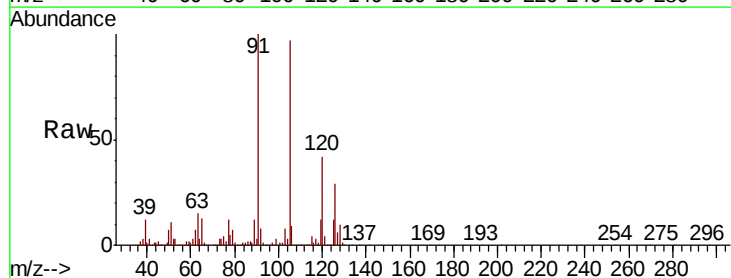
Acq: 25 Sep 2020 20:24

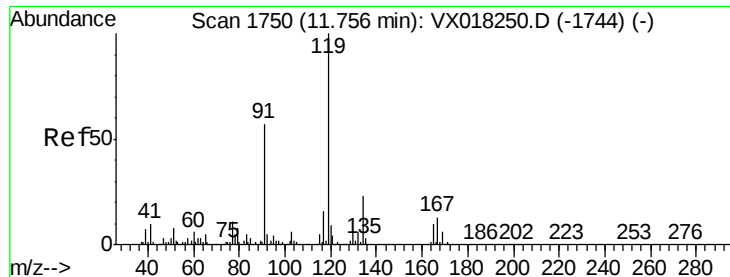
Tgt Ion: 91 Resp: 345827

Ion Ratio Lower Upper

91 100

126 30.1 0.0 59.2

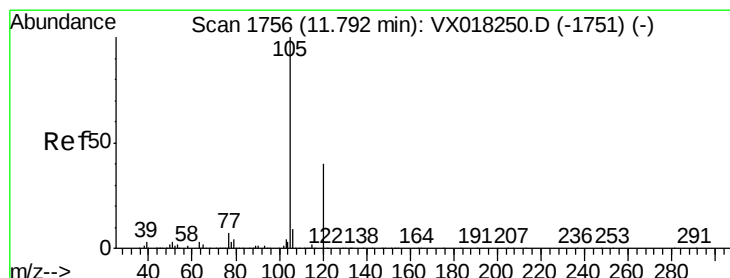
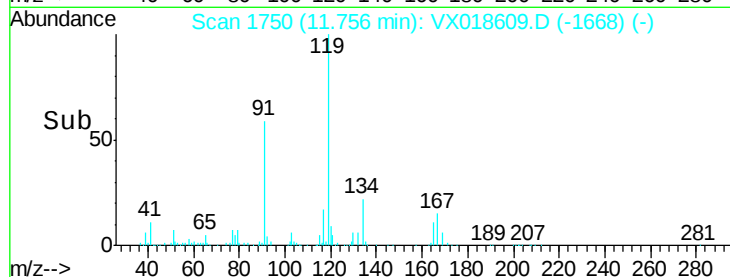
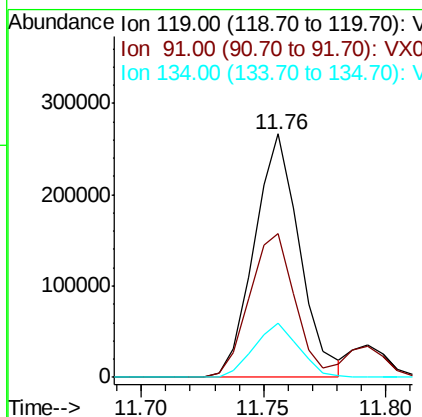
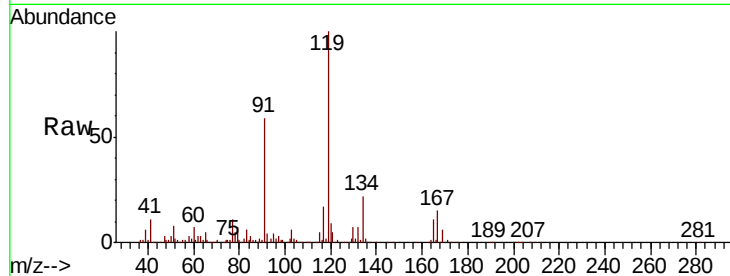




#79
tert-butylbenzene
Concen: 19.095 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

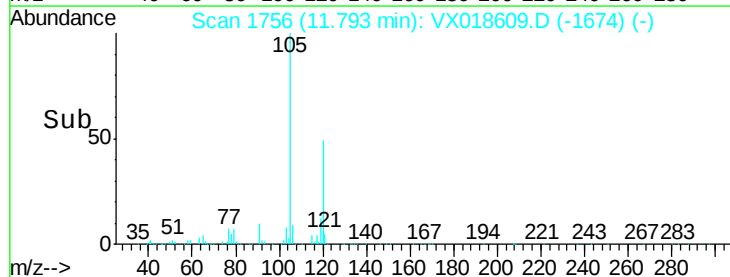
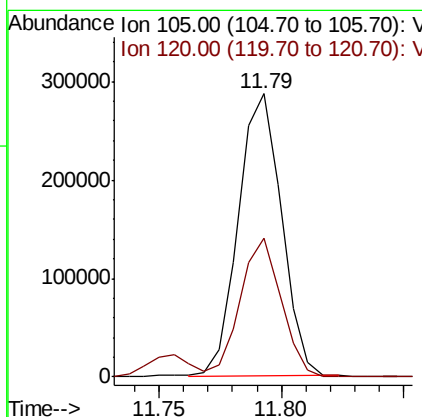
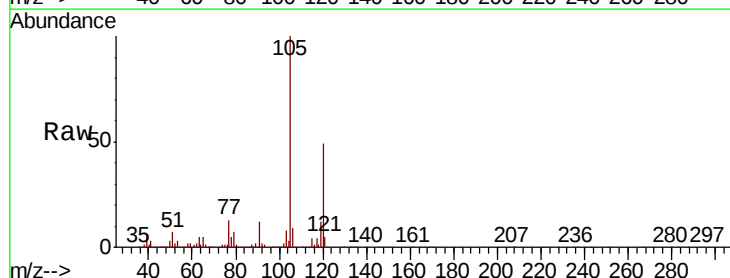
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

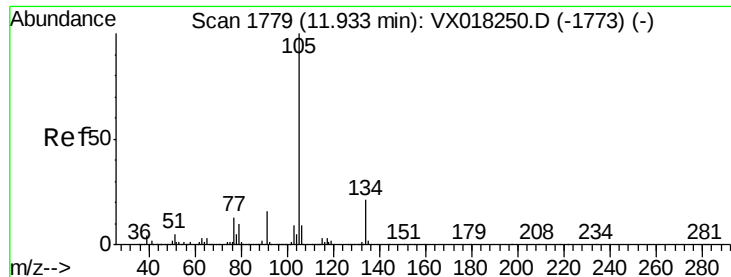
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	0.0	111.8
134	21.9	0.0	42.4



#80
1,2,4-Trimethylbenzene
Concen: 19.130 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	89.2





#81

sec-Butylbenzene

Concen: 18.905 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

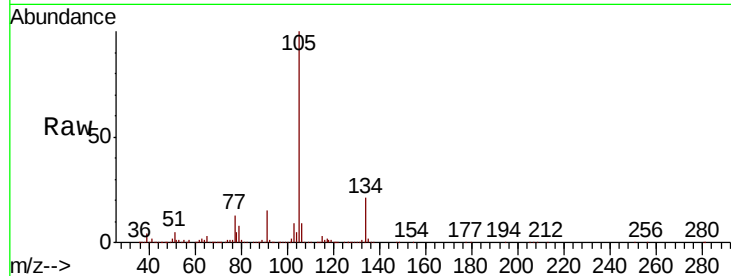
VSTDCCC020EC

Tot Ion:105 Resp: 396481

Ion Ratio Lower Upper

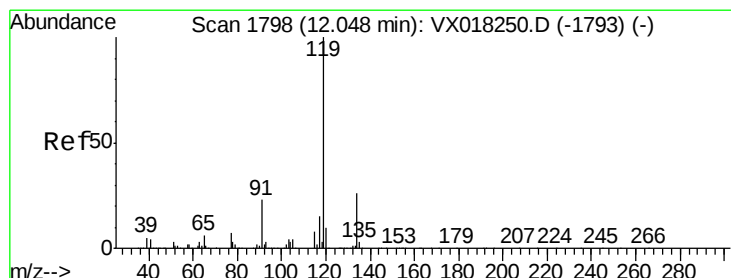
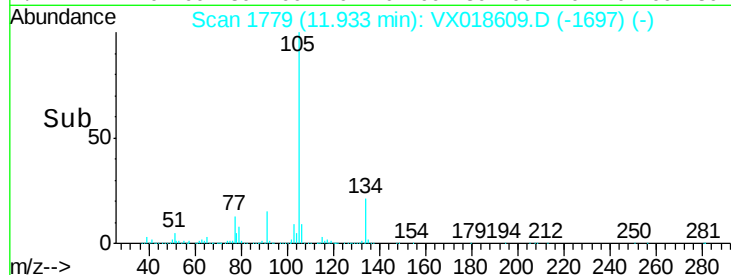
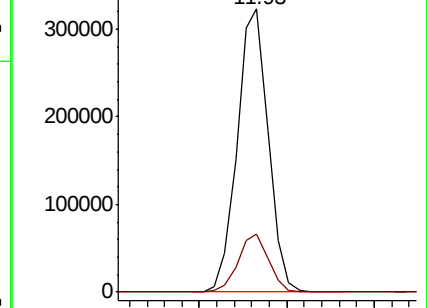
105 100

134 20.2 0.0 40.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.006 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

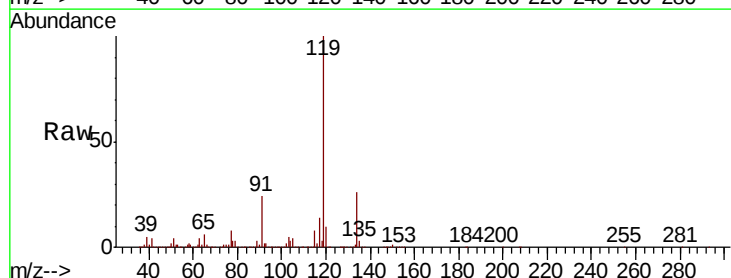
Tgt Ion:119 Resp: 371651

Ion Ratio Lower Upper

119 100

134 26.0 0.0 53.0

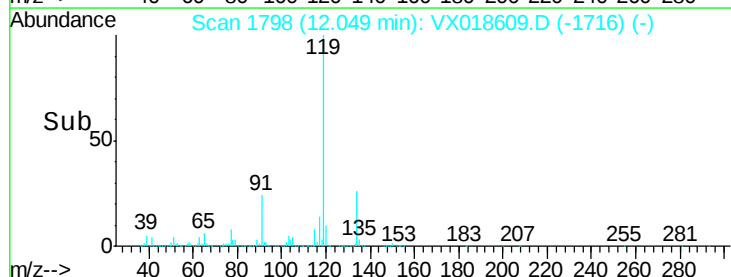
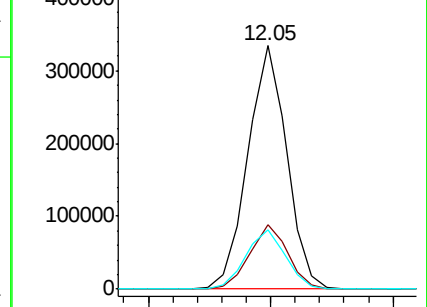
91 25.0 0.0 49.8

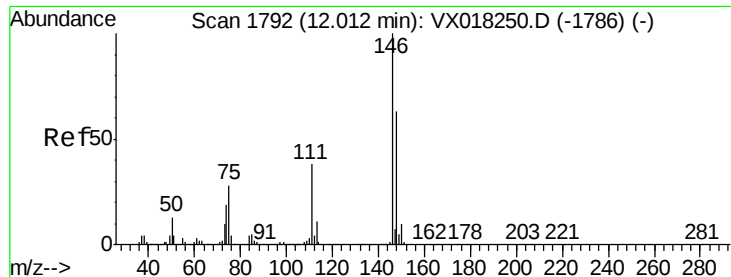


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

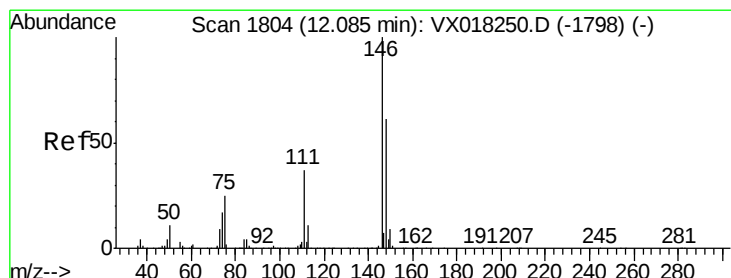
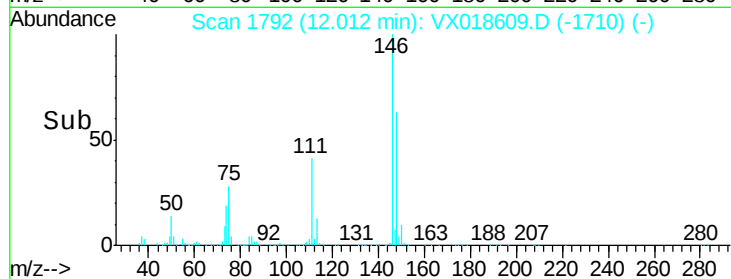
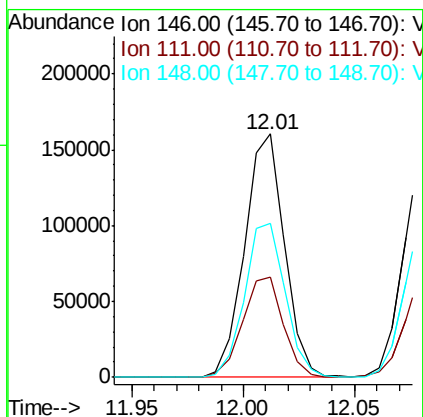
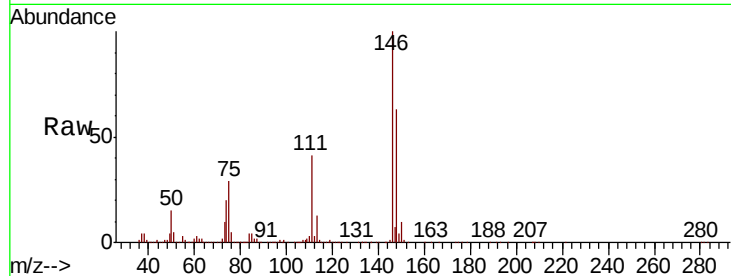




#83
 1,3-Dichlorobenzene
 Concen: 19.107 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

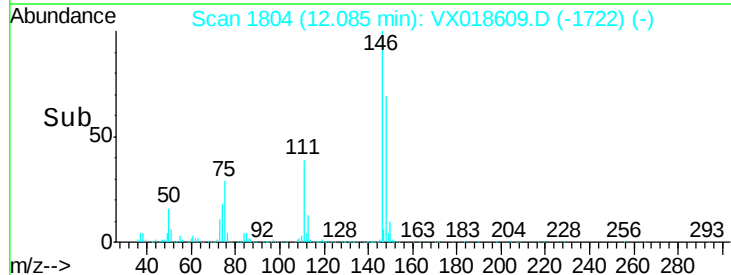
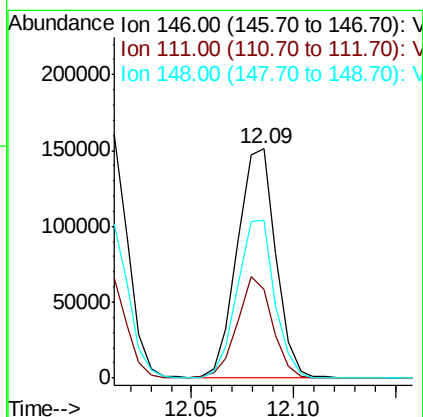
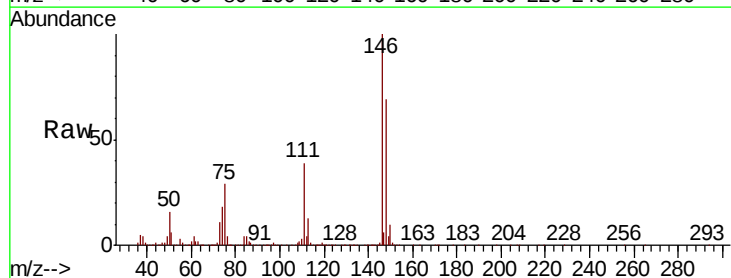
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

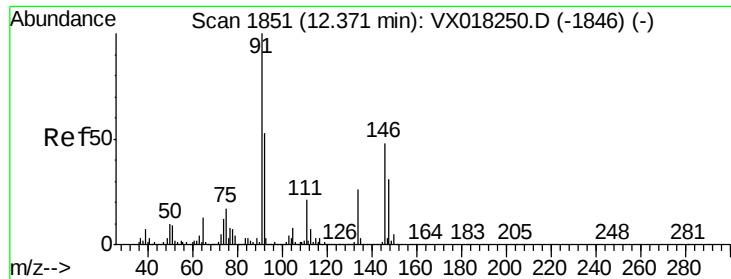
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	59.9
148	65.0	32.1	96.3



#84
 1,4-Dichlorobenzene
 Concen: 18.937 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.3	57.8
148	66.7	31.7	95.1

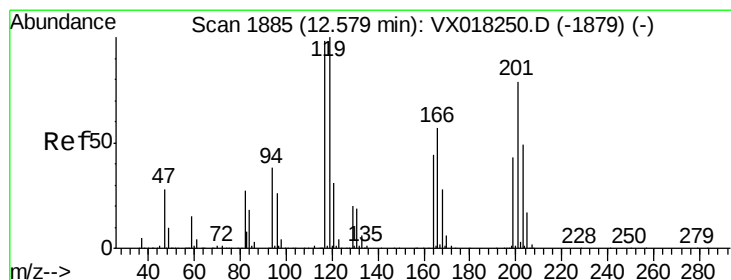
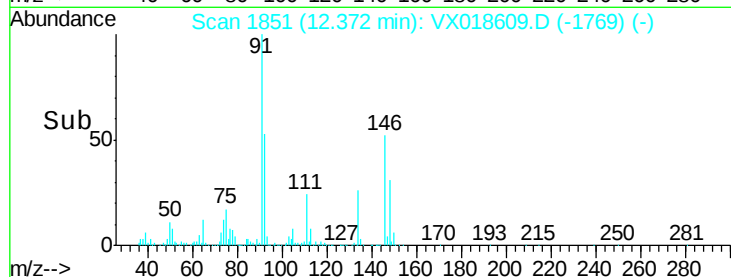
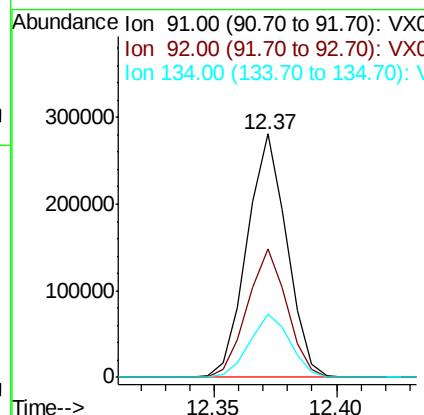
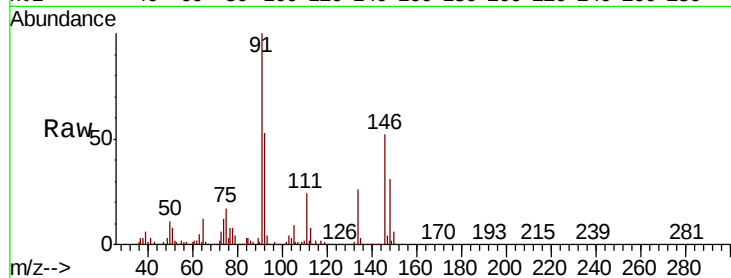




#85
n-Butylbenzene
Concen: 18.535 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

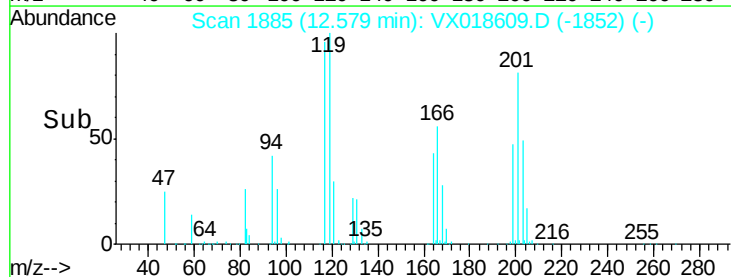
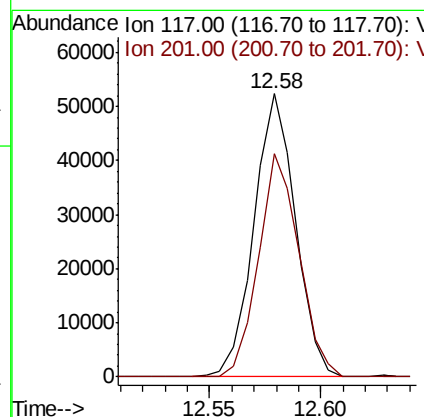
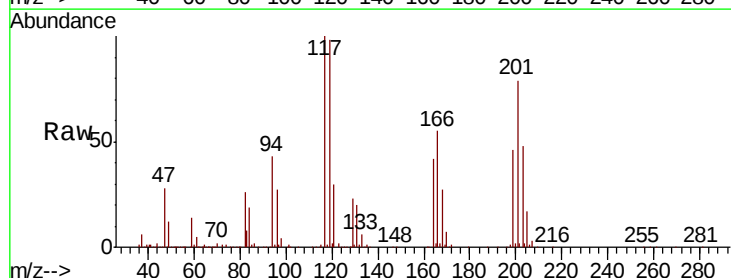
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

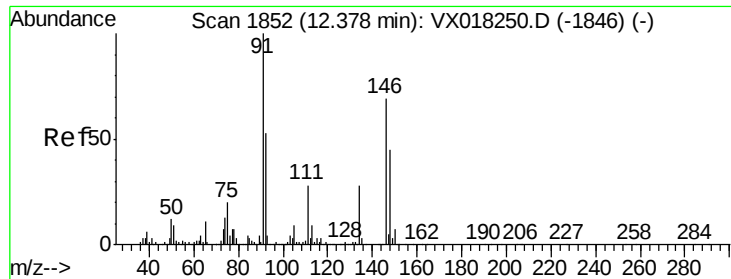
Tot Ion: 91 Resp: 319089
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.0
134 26.3 0.0 51.0



#86
Hexachloroethane
Concen: 17.545 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion: 117 Resp: 67548
Ion Ratio Lower Upper
117 100
201 77.5 39.6 118.8





#87

1,2-Dichlorobenzene

Concen: 20.526 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

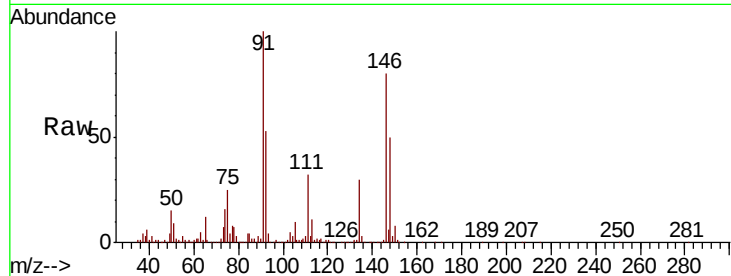
Tot Ion:146 Resp: 201431

Ion Ratio Lower Upper

146 100

111 42.2 21.4 64.3

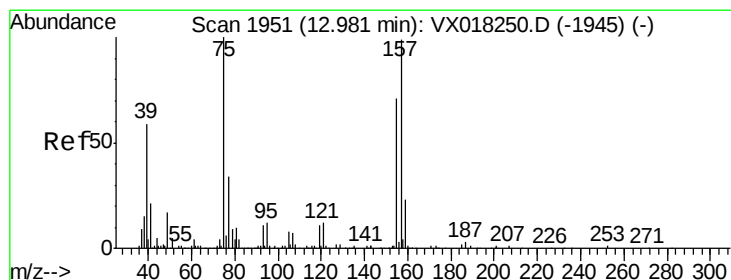
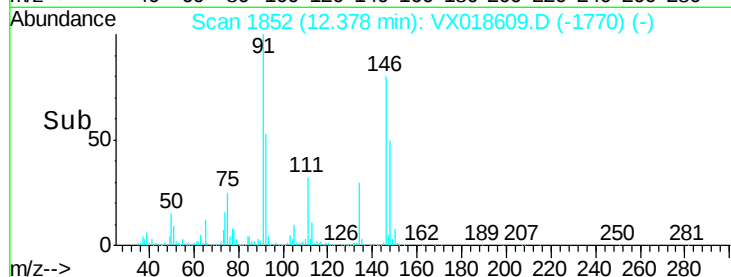
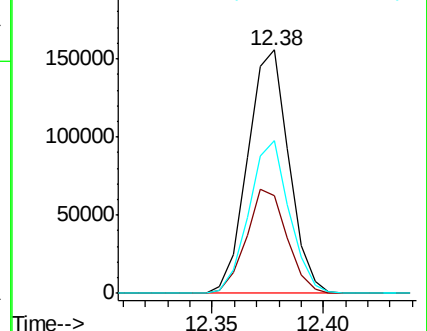
148 61.3 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.699 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

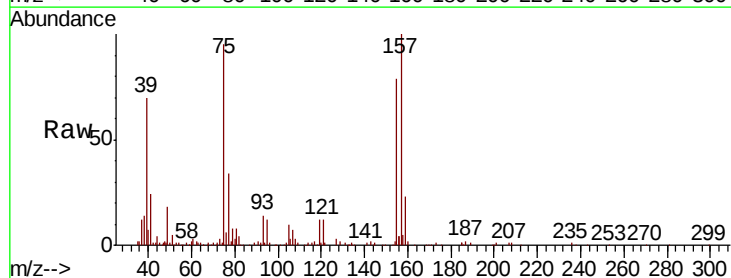
Tgt Ion: 75 Resp: 35234

Ion Ratio Lower Upper

75 100

155 80.3 63.4 95.2

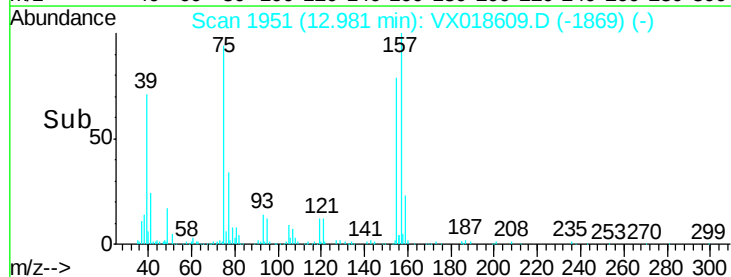
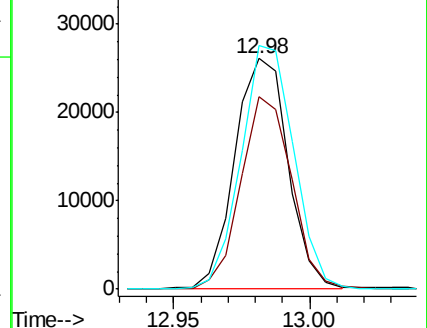
157 105.5 87.0 130.6

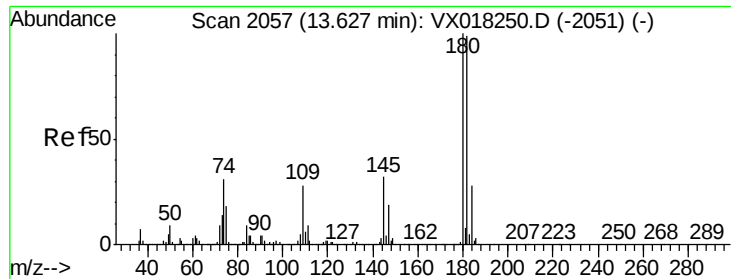


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

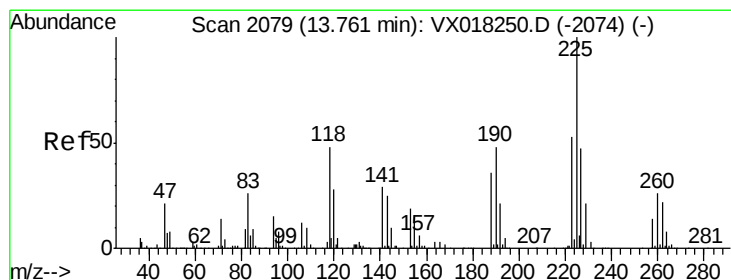
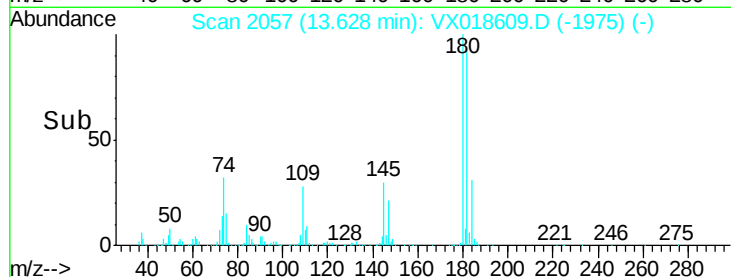
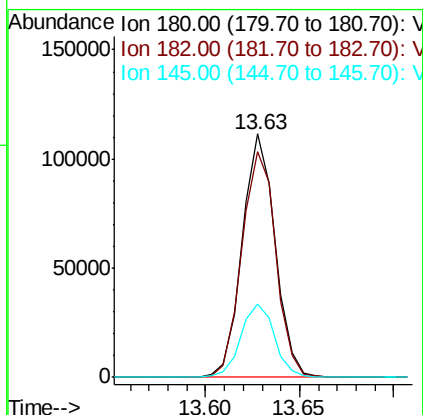
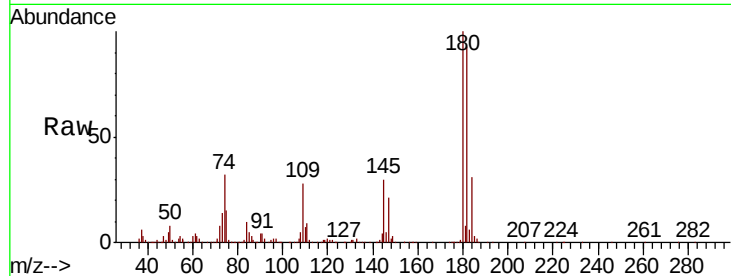




#89
 1,2,4-Trichlorobenzene
 Concen: 20.367 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

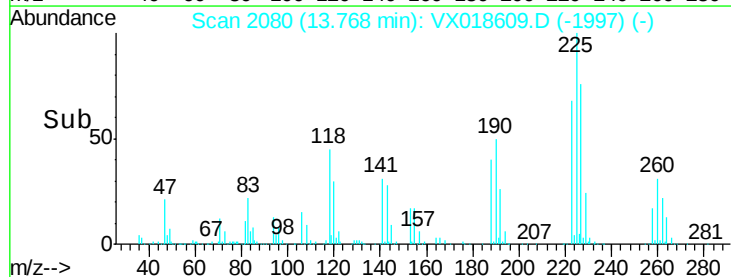
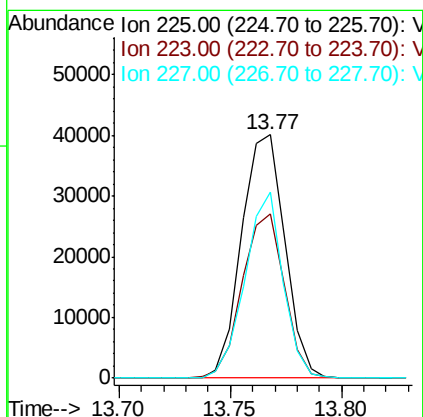
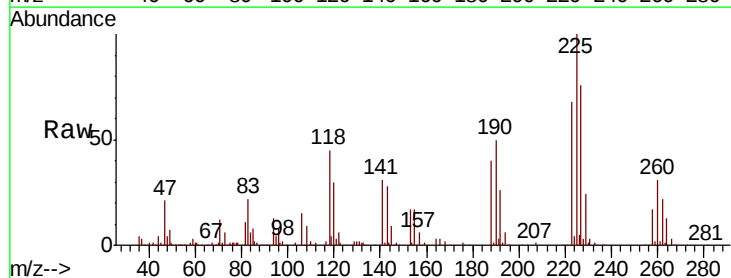
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

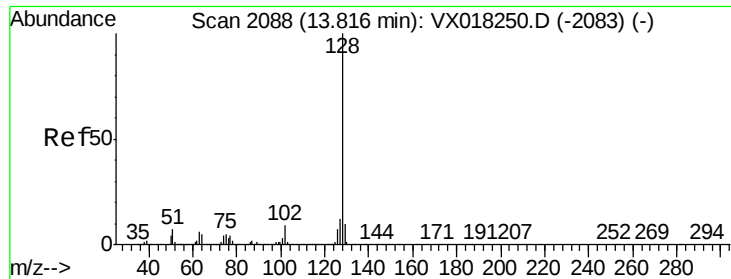
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
145	30.8	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 19.409 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	0.0	115.8
227	67.2	0.0	117.0





#91

Naphthalene

Concen: 20.512 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

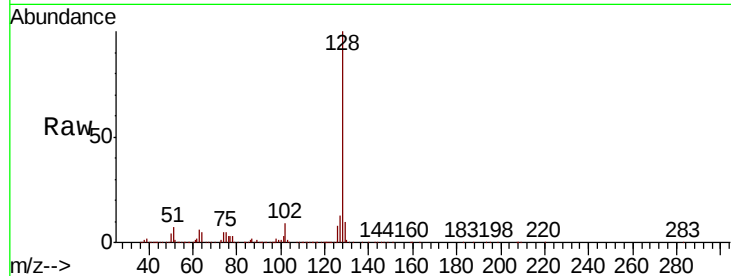
Tot Ion:128 Resp: 425022

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

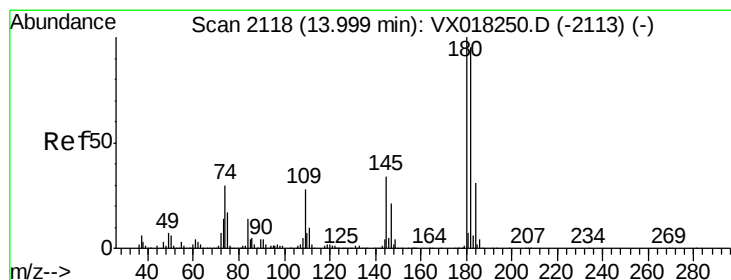
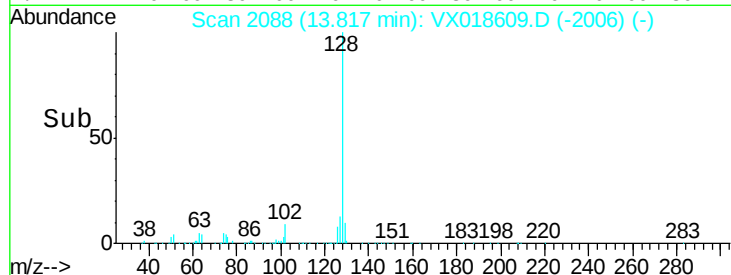
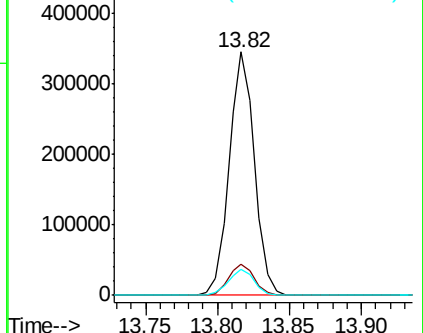
129 10.9 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 20.676 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

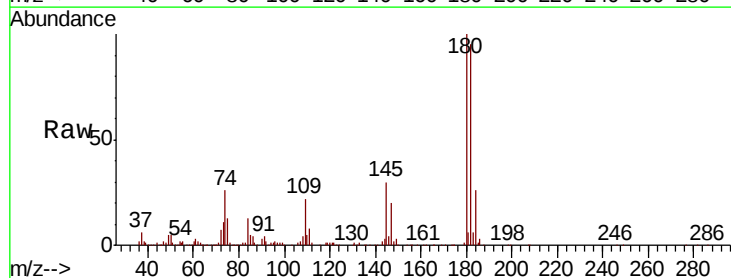
Tgt Ion:180 Resp: 135801

Ion Ratio Lower Upper

180 100

182 93.2 0.0 191.6

145 32.1 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

