

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080720\
 Data File : VX017814.D
 Acq On : 07 Aug 2020 09:18
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

Quant Time: Aug 07 16:10:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:10:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	394496	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	373139	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	200953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119463	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.70	69	99536	4.60	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.35	63	267684	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.53	46	312161	43.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	5.14	84	263757	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	6.03	65	140497	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	6.05	84	489800	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	7.37	67	147922	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	8.70	98	472781	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	8.99	79	65957	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
48) 2-Hexanone-d5	9.43	63	257640	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	106523	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	178833	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	224635	4.898 ug/L	98
3) Chloromethane	1.31	50	204269	5.453 ug/L	99
5) Vinyl chloride	1.39	62	195862	5.272 ug/L	95
6) Bromomethane	1.64	94	120653	5.580 ug/L	98
8) Chloroethane	1.71	64	116742	5.617 ug/L	94
9) Trichlorofluoromethane	1.92	101	307219	5.138 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	173355	5.312 ug/L	99
12) 1,1-Dichloroethene	2.36	96	163187	5.397 ug/L	86
13) Acetone	2.42	43	261888	49.513 ug/L	97
14) Carbon disulfide	2.55	76	554698	5.107 ug/L	96
15) Methyl Acetate	2.75	43	73130	4.690 ug/L	96
16) Methylene chloride	2.84	84	186261	4.459 ug/L	94
17) Methyl tert-butyl Ether	3.17	73	424552	5.243 ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	181863	5.301 ug/L	99
19) 1,1-Dichloroethane	3.67	63	332139	5.427 ug/L	99
21) 2-Butanone	4.64	43	450461	49.311 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	198292	5.508 ug/L #	96

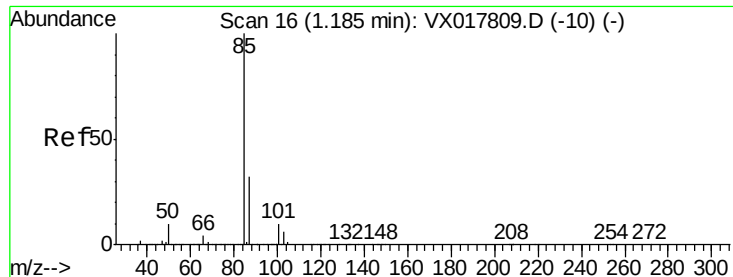
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VO080720\
 Data File : VX017814.D
 Acq On : 07 Aug 2020 09:18
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

Quant Time: Aug 07 16:10:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:10:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	92087	5.465	ug/L	99
25) Chloroform	5.17	83	349383	5.301	ug/L	98
27) 1,2-Dichloroethane	6.17	62	216710	5.125	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	324100	5.294	ug/L	100
30) Cyclohexane	5.54	56	275985	5.196	ug/L	97
31) Carbon tetrachloride	5.75	117	294822	5.226	ug/L	98
33) Benzene	6.11	78	728966	5.518	ug/L	100
34) Trichloroethene	7.18	95	208099	5.397	ug/L	96
35) Methylcyclohexane	7.44	83	284721	5.252	ug/L	100
37) 1,2-Dichloropropane	7.49	63	186975	5.629	ug/L	99
38) Bromodichloromethane	7.87	83	253923	5.487	ug/L	96
39) cis-1,3-Dichloropropene	8.41	75	279975	5.474	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	1114019	51.508	ug/L	99
42) Toluene	8.76	91	813989	5.676	ug/L	95
43) 1,3,5-Trimethylbenzene	11.49	105	761193	5.816	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	776580	5.826	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	248274	5.442	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	133054	5.338	ug/L	98
49) Tetrachloroethene	9.32	164	168415	5.459	ug/L	96
50) 2-Hexanone	9.47	43	807595	52.094	ug/L	99
51) Dibromochloromethane	9.57	129	183452	5.343	ug/L	98
52) 1,2-Dibromoethane	9.65	107	127657	5.232	ug/L #	93
53) Chlorobenzene	10.12	112	516220	5.531	ug/L	98
54) Ethylbenzene	10.23	91	878533	5.614	ug/L	97
55) m,p-xylene	10.34	106	342218	5.727	ug/L	97
56) o-xylene	10.68	106	327303	5.649	ug/L	99
57) Styrene	10.70	104	566666	5.784	ug/L	98
58) Isopropylbenzene	11.00	105	888240	5.728	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	143300	5.235	ug/L	99
62) Bromoform	10.84	173	105193	5.234	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	425643	5.438	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	431733	5.545	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	406525	5.593	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	30427	4.818	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	326251	5.645	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	284879	5.568	ug/L	99
70) Naphthalene	13.82	128	507821	5.403	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	262701	5.457	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 4.898 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

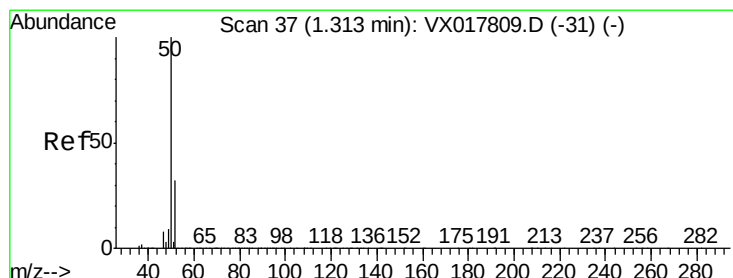
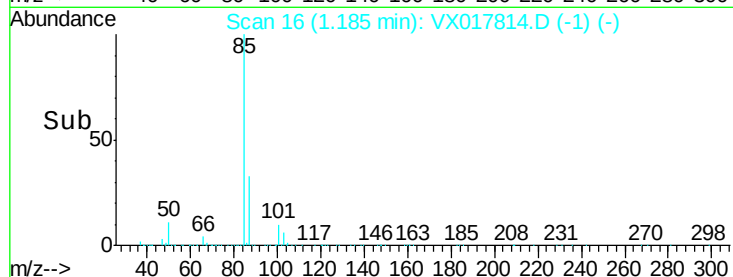
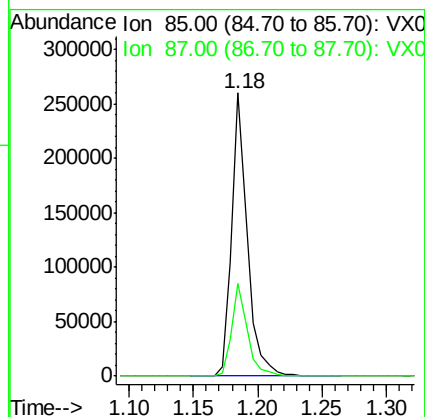
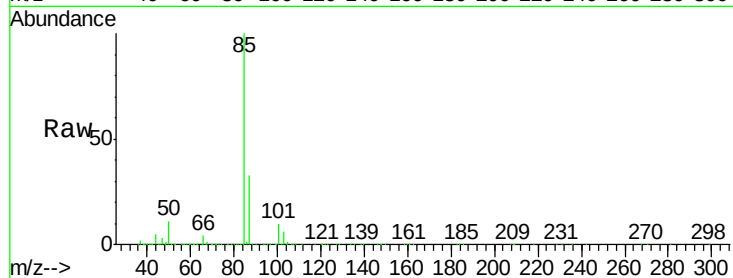
VSTD00565

Tgt Ion: 85 Resp: 224635

Ion Ratio Lower Upper

85 100

87 32.8 25.2 37.8



#3

Chloromethane

Concen: 5.453 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017814.D

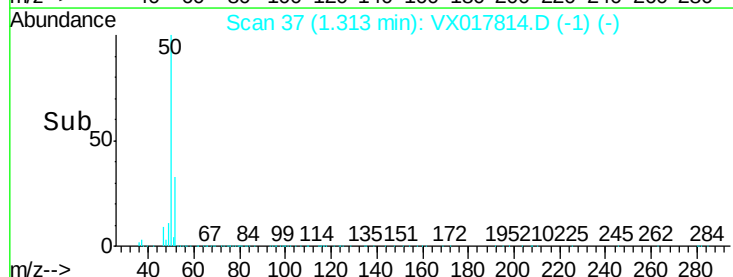
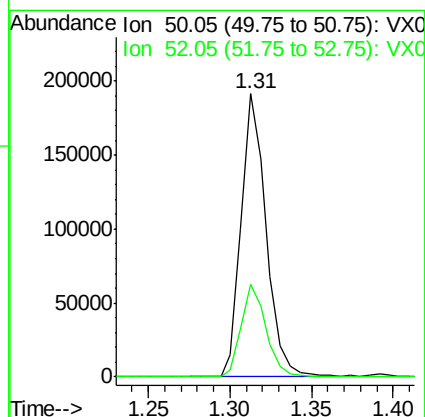
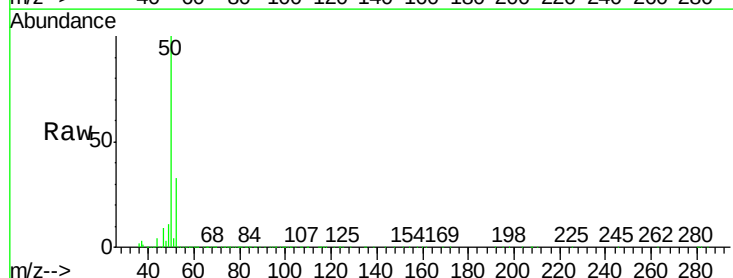
Acq: 07 Aug 2020 09:18

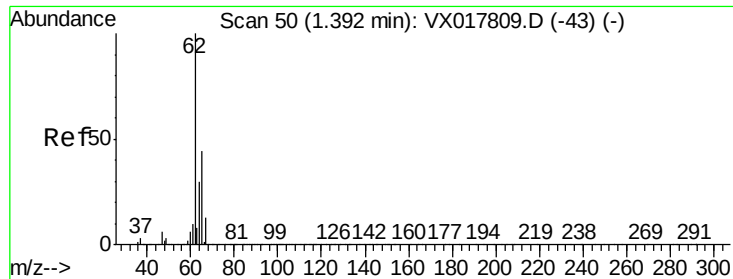
Tgt Ion: 50 Resp: 204269

Ion Ratio Lower Upper

50 100

52 32.9 22.5 41.9





#5

Vinyl chloride

Concen: 5.272 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

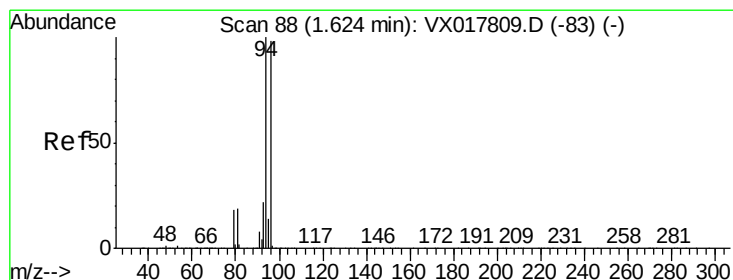
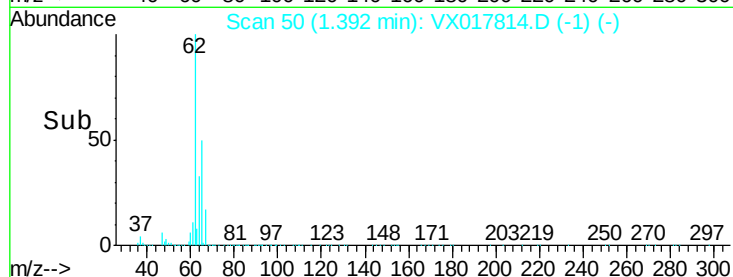
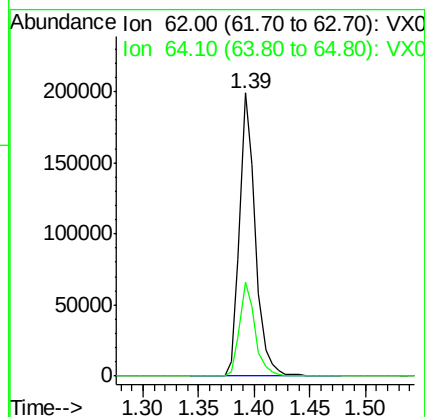
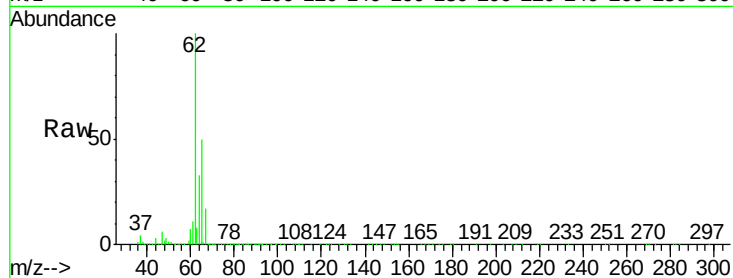
VSTD00565

Tgt Ion: 62 Resp: 195862

Ion Ratio Lower Upper

62 100

64 33.1 21.3 39.6



#6

Bromomethane

Concen: 5.580 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017814.D

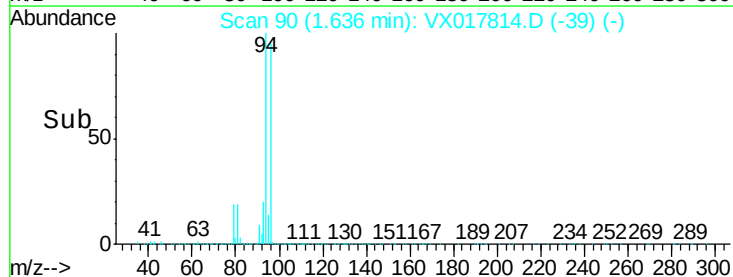
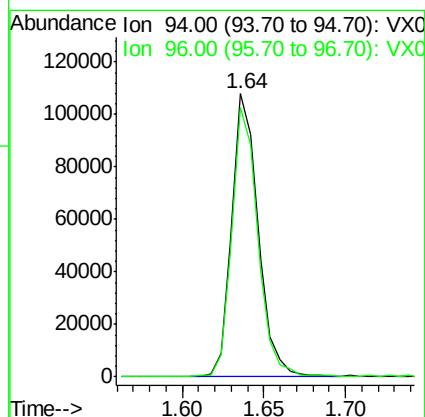
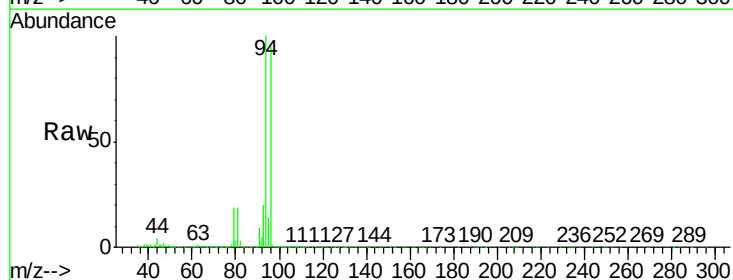
Acq: 07 Aug 2020 09:18

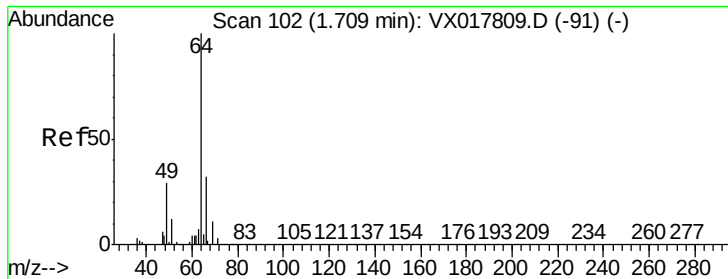
Tgt Ion: 94 Resp: 120653

Ion Ratio Lower Upper

94 100

96 95.4 68.5 127.1

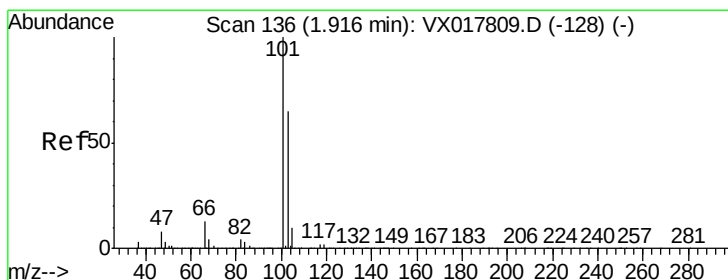
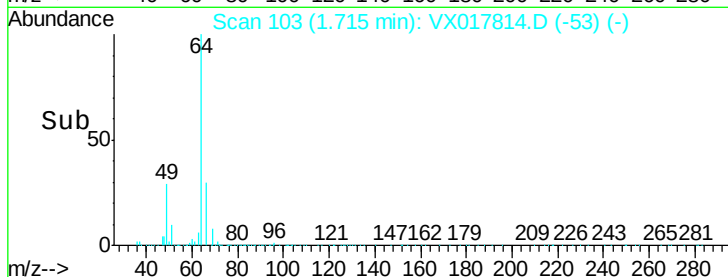
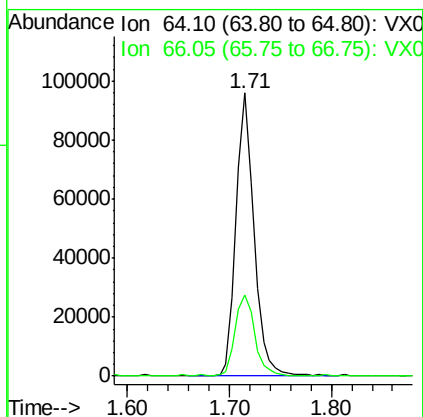
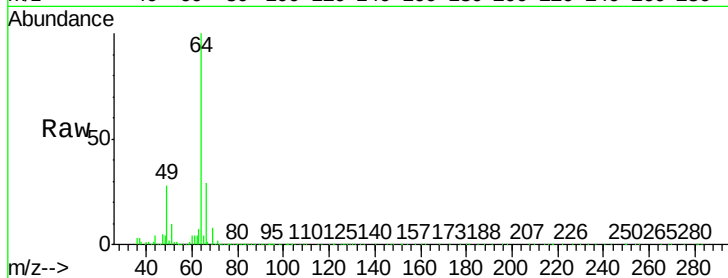




#8
Chloroethane
Concen: 5.617 ug/L
RT: 1.71 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

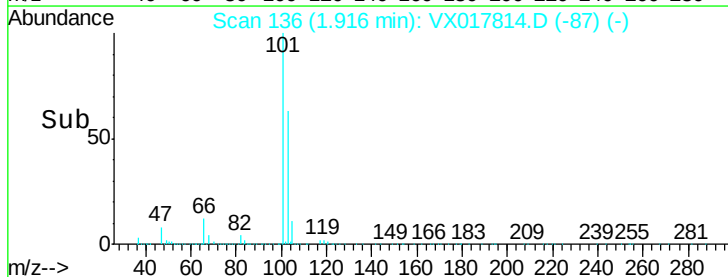
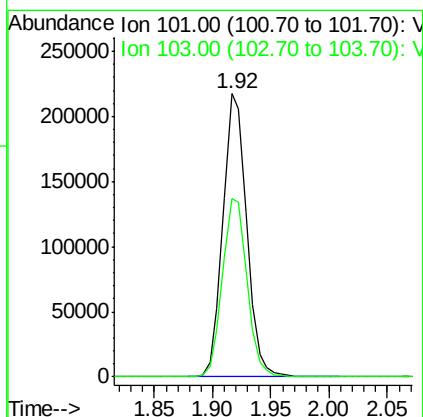
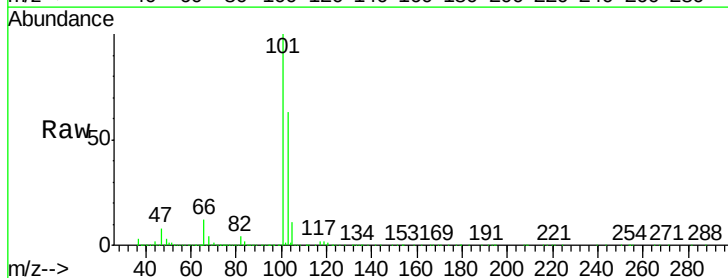
Instrument :
MSVOA_X
ClientSampled :
VSTD00565

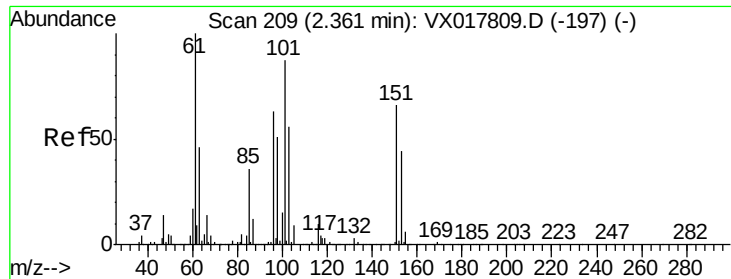
Tgt Ion: 64 Resp: 116742
Ion Ratio Lower Upper
64 100
66 28.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.138 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

Tgt Ion: 101 Resp: 307219
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.312 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD00565

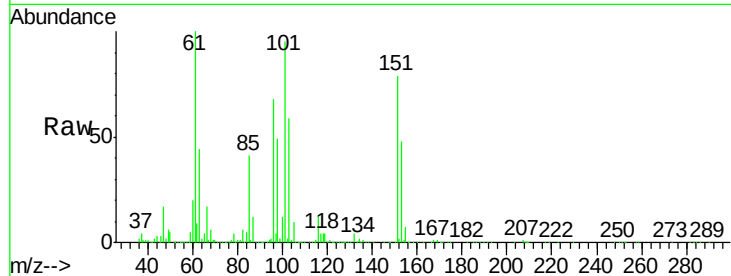
Tgt Ion: 101 Resp: 173355

Ion Ratio Lower Upper

101 100

85 43.0 34.3 51.5

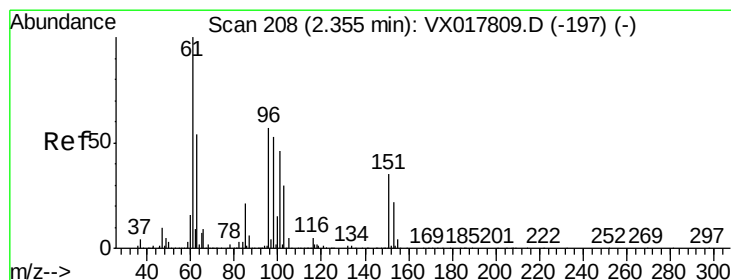
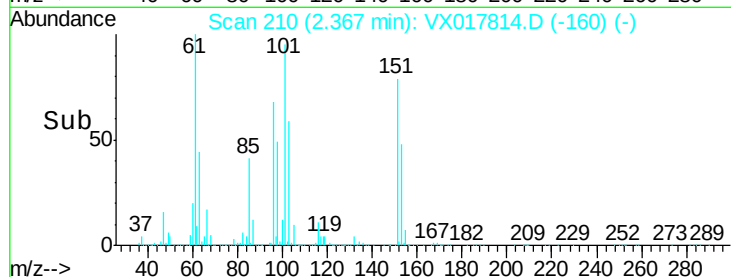
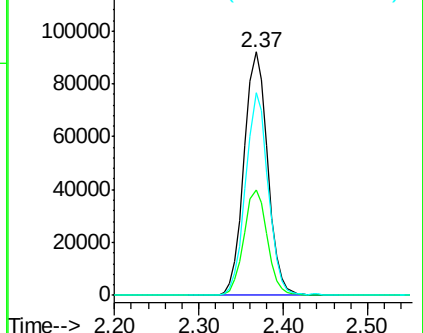
151 79.4 64.8 97.2



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



#12

1,1-Dichloroethene

Concen: 5.397 ug/L

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

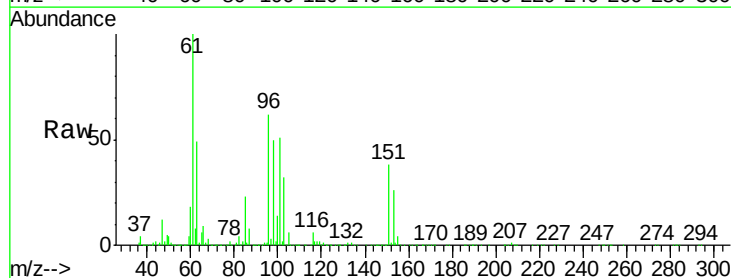
Tgt Ion: 96 Resp: 163187

Ion Ratio Lower Upper

96 100

61 160.3 123.5 229.3

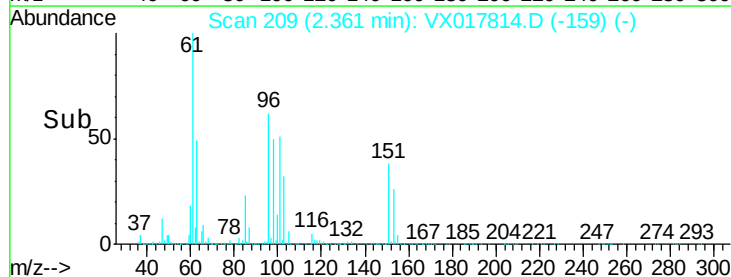
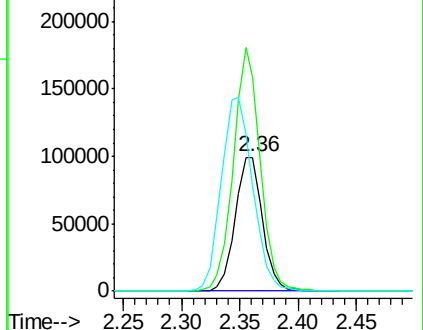
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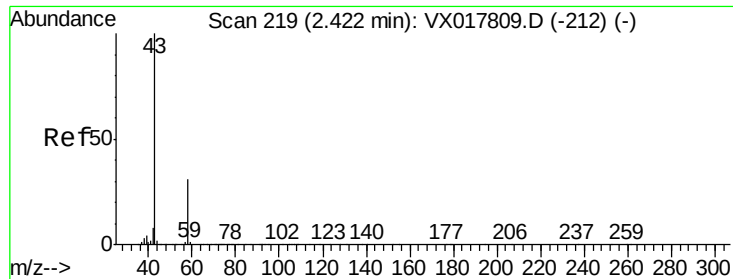


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 49.513 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

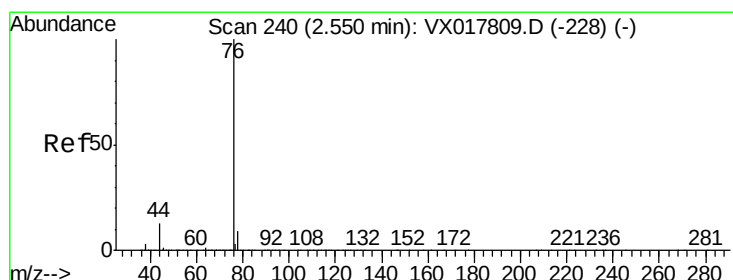
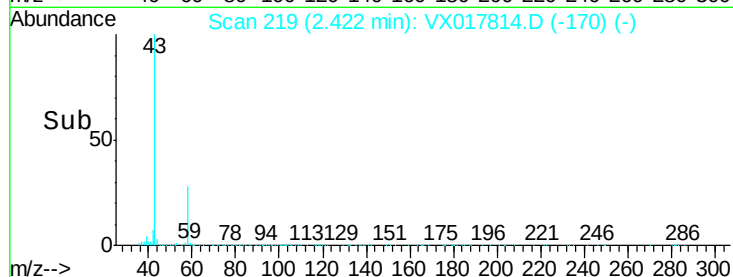
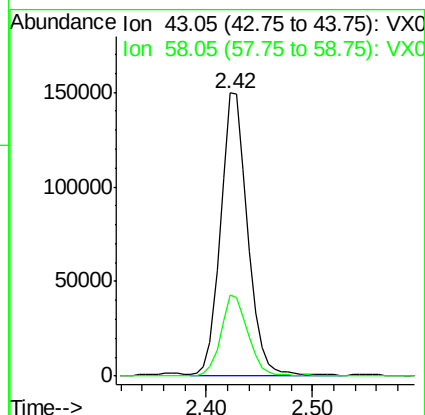
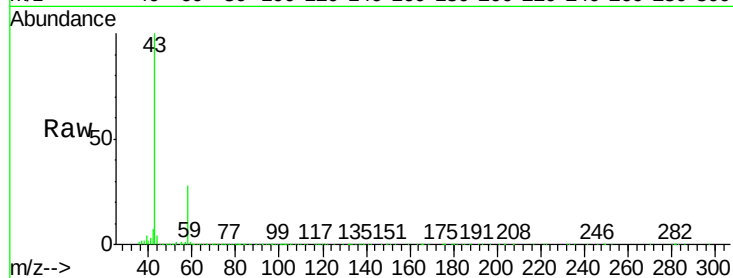
VSTD00565

Tgt Ion: 43 Resp: 261888

Ion Ratio Lower Upper

43 100

58 28.5 0.0 60.8



#14

Carbon disulfide

Concen: 5.107 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017814.D

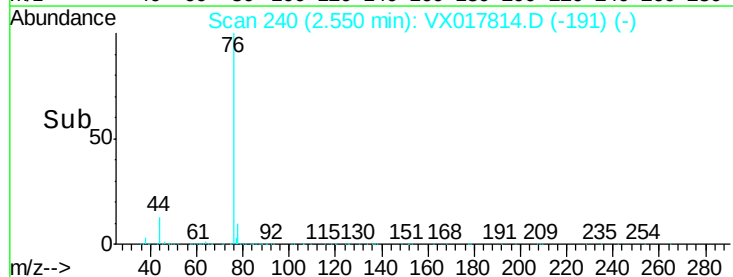
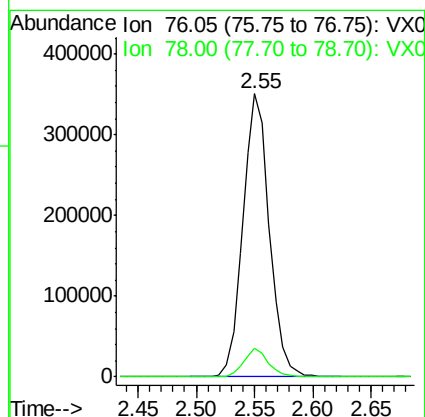
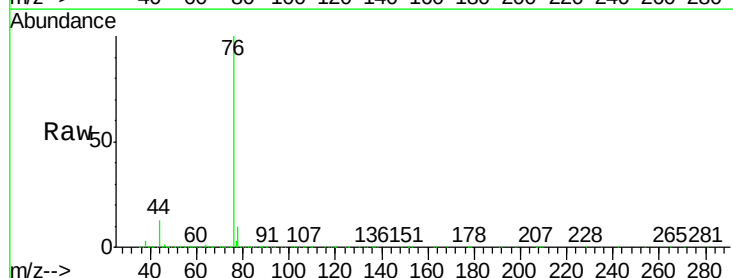
Acq: 07 Aug 2020 09:18

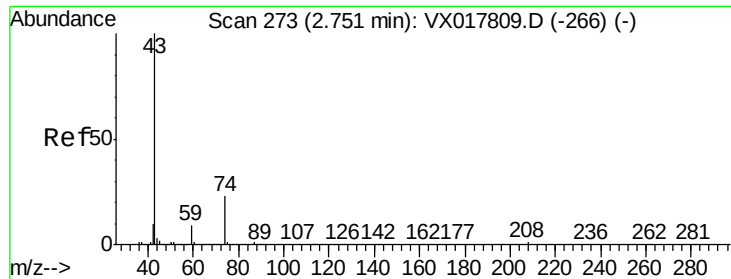
Tgt Ion: 76 Resp: 554698

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4

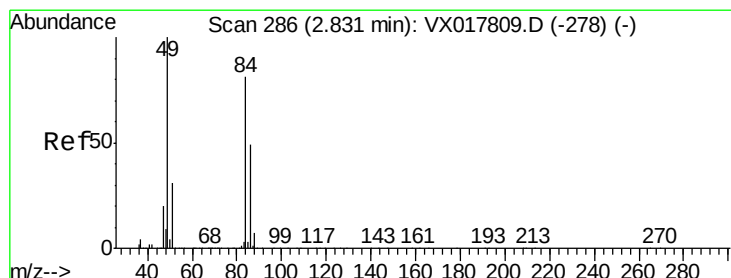
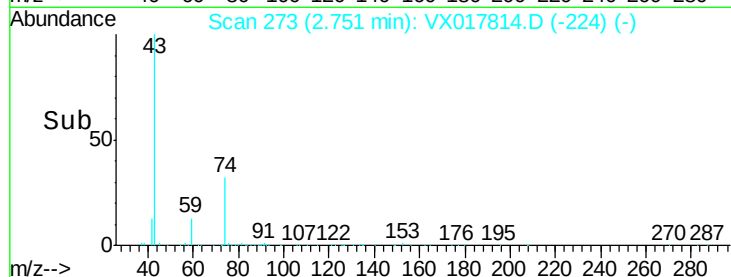
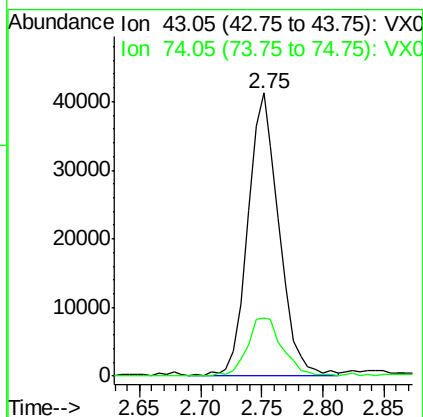
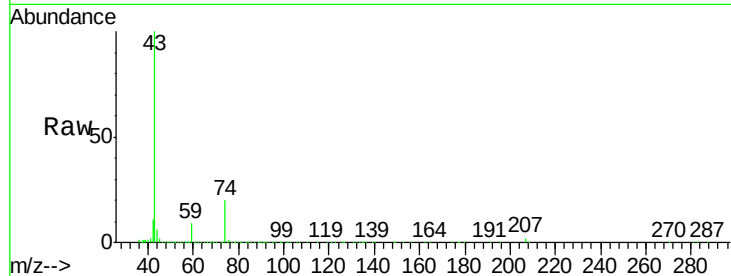




#15
Methyl Acetate
Concen: 4.690 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

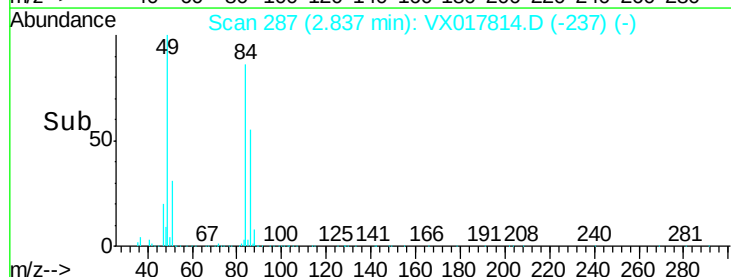
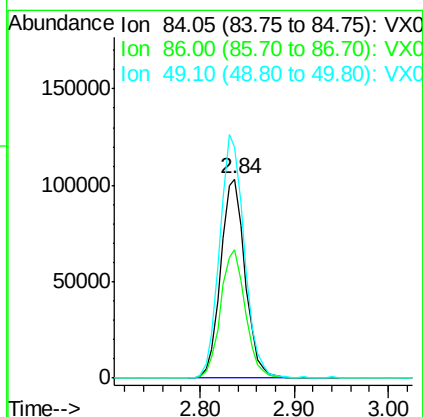
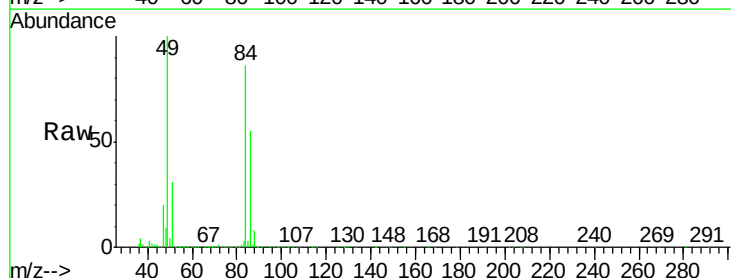
Instrument :
MSVOA_X
ClientSampleId :
VSTD00565

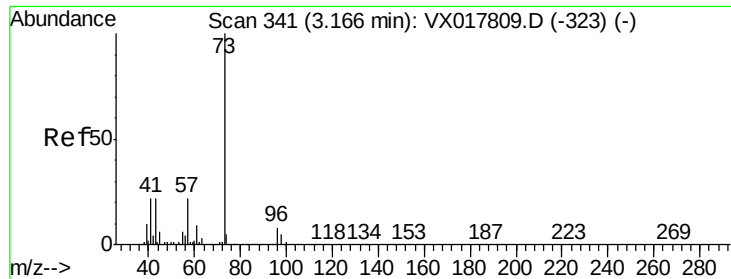
Tgt Ion: 43 Resp: 73130
Ion Ratio Lower Upper
43 100
74 23.5 20.4 30.6



#16
Methylene chloride
Concen: 4.459 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

Tgt Ion: 84 Resp: 186261
Ion Ratio Lower Upper
84 100
86 64.3 43.0 80.0
49 116.2 86.9 161.3

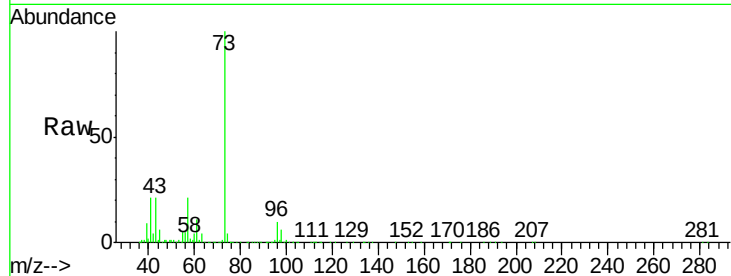




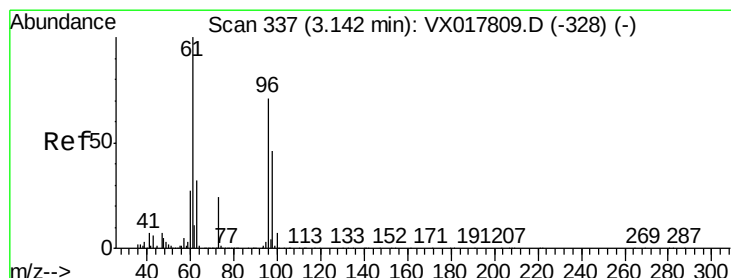
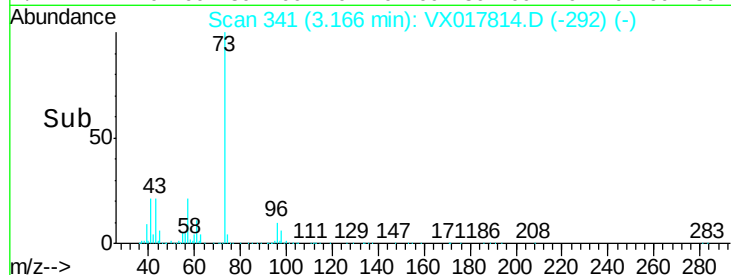
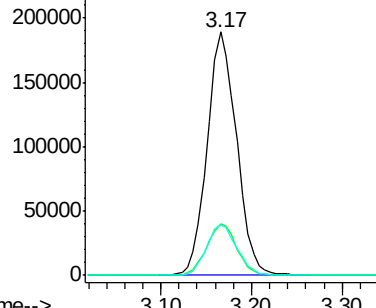
#17
Methyl tert-butyl Ether
Concen: 5.243 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTD00565

Tgt Ion: 73 Resp: 424552
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 21.4 17.0 25.6

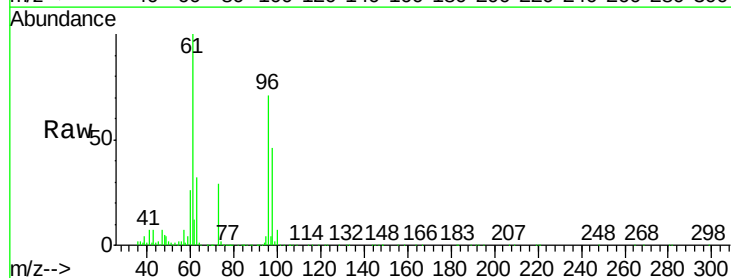


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

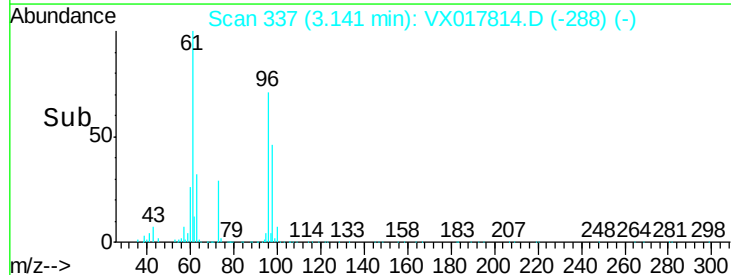
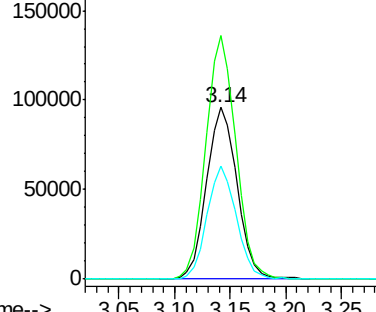


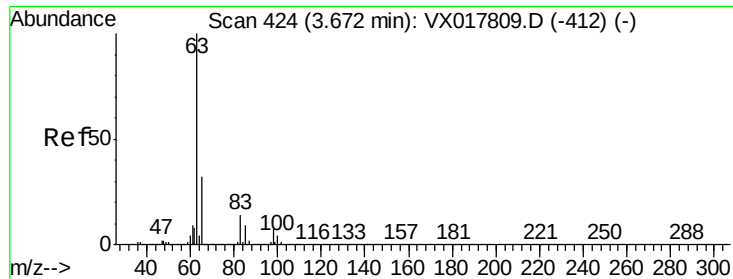
#18
trans-1,2-Dichloroethene
Concen: 5.301 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

Tgt Ion: 96 Resp: 181863
Ion Ratio Lower Upper
96 100
61 141.8 98.4 182.8
98 65.8 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

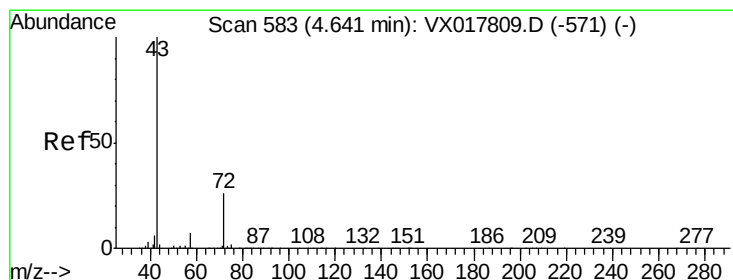
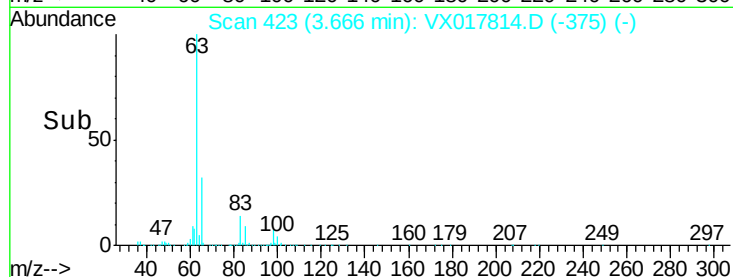
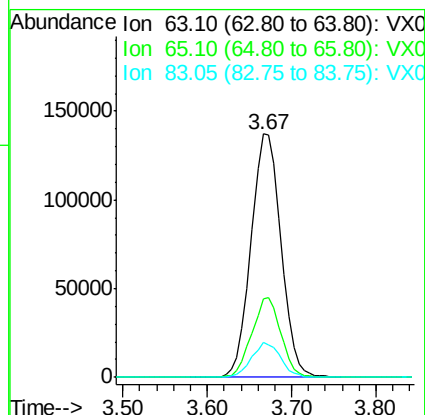
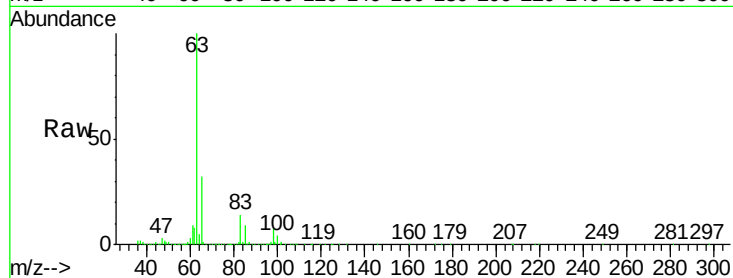




#19
 1,1-Dichloroethane
 Concen: 5.427 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

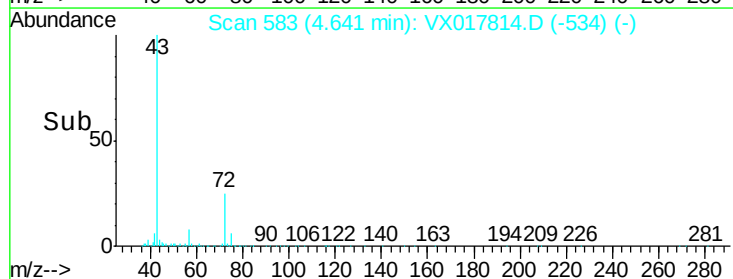
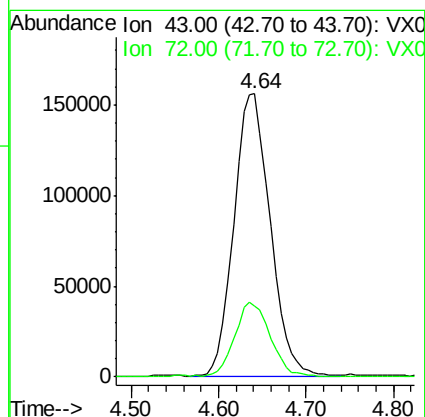
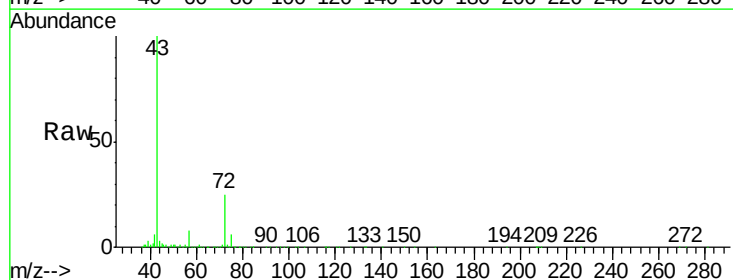
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

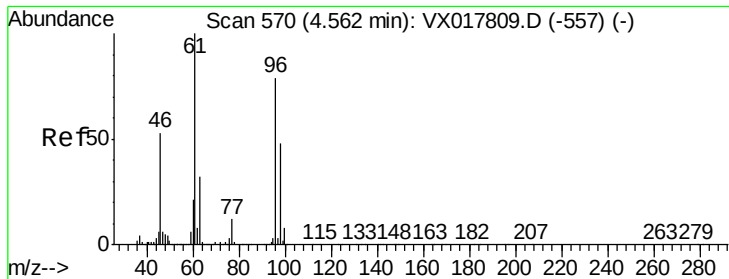
Tgt Ion: 63 Resp: 332139
 Ion Ratio Lower Upper
 63 100
 65 32.4 22.6 42.0
 83 14.3 9.5 17.7



#21
 2-Butanone
 Concen: 49.311 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Tgt Ion: 43 Resp: 450461
 Ion Ratio Lower Upper
 43 100
 72 25.8 13.2 39.6



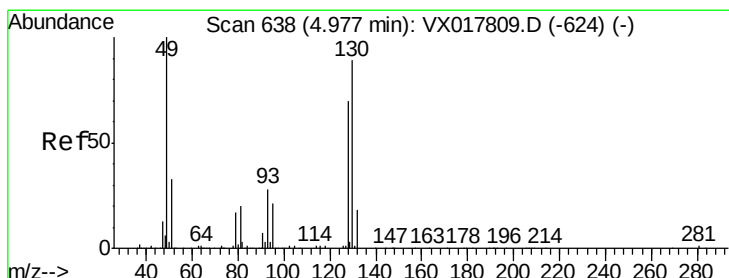
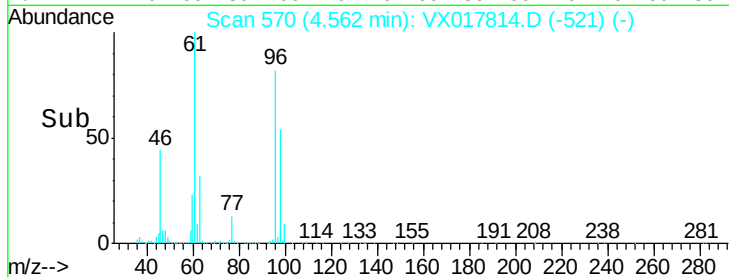
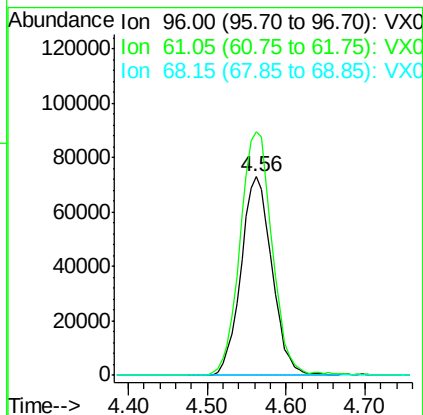
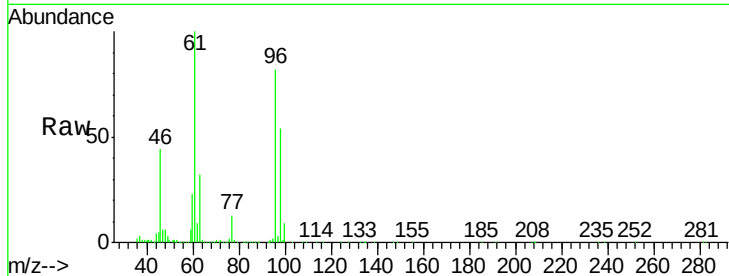


#22

cis-1,2-Dichloroethene
 Concen: 5.508 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

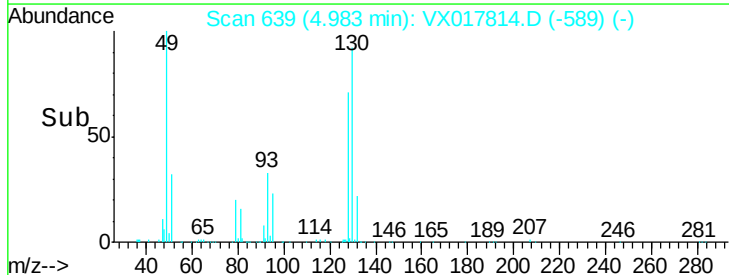
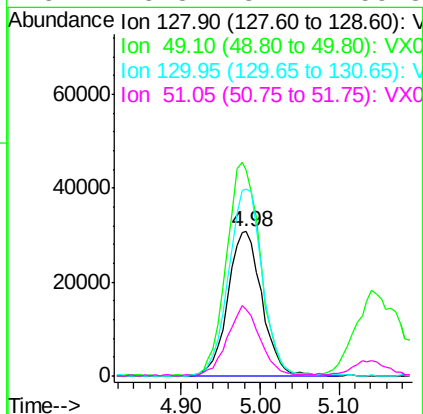
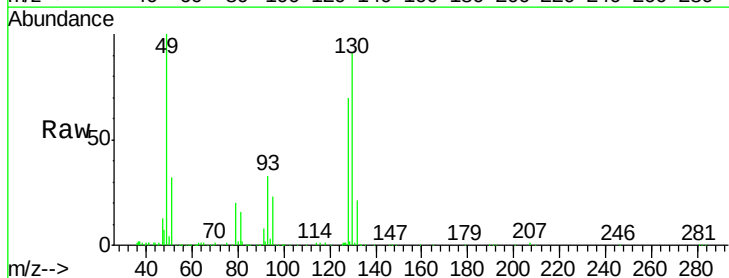
Tgt Ion: 96 Resp: 198292
 Ion Ratio Lower Upper
 96 100
 61 122.5 88.8 165.0
 68 0.1 0.2 0.4#

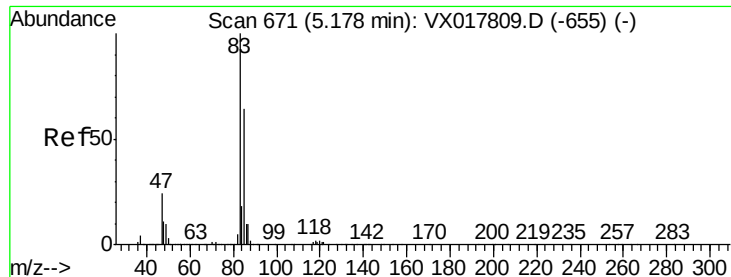


#23

Bromochloromethane
 Concen: 5.465 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Tgt Ion: 128 Resp: 92087
 Ion Ratio Lower Upper
 128 100
 49 142.4 100.2 186.0
 130 129.7 89.1 165.5
 51 45.8 37.2 55.8

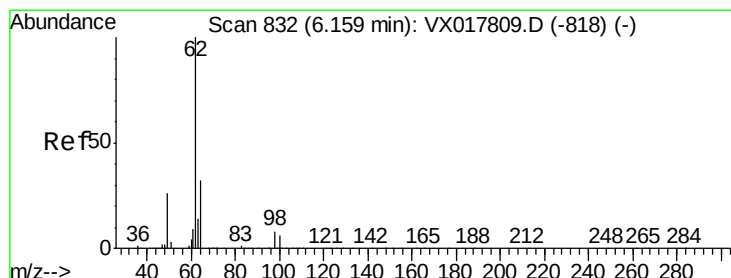
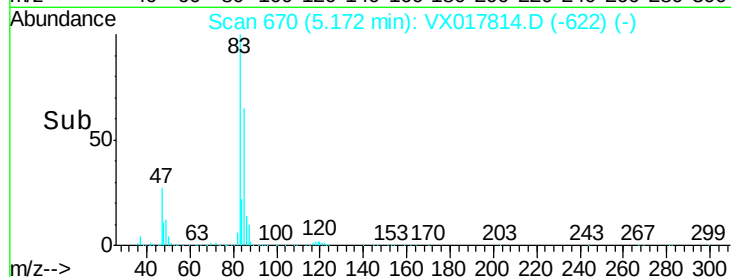
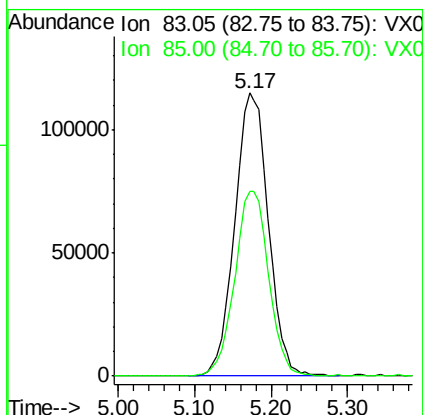
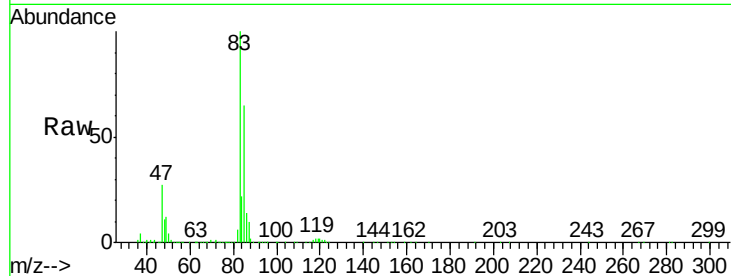




#25
Chloroform
Concen: 5.301 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

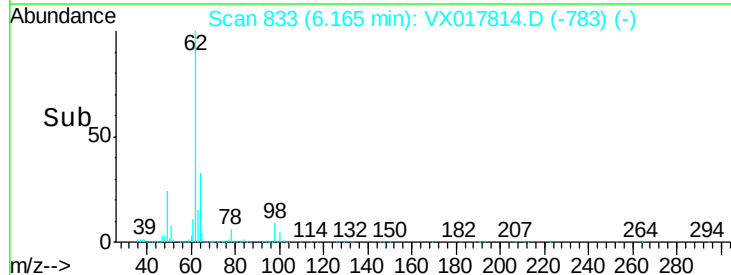
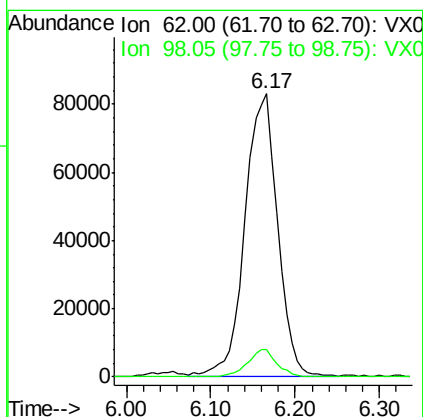
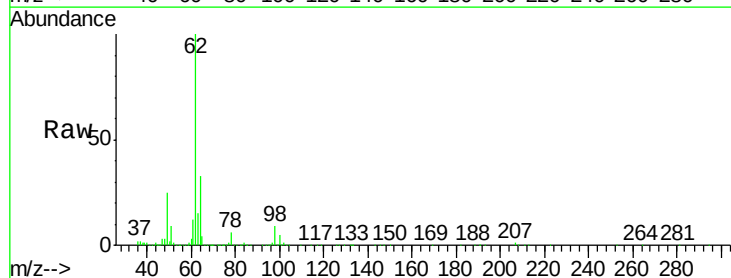
Instrument :
MSVOA_X
ClientSampleId :
VSTD00565

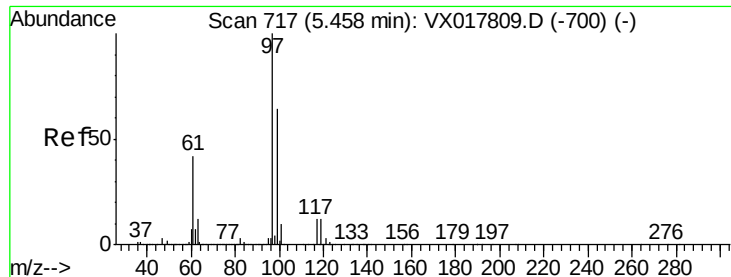
Tgt Ion: 83 Resp: 349383
Ion Ratio Lower Upper
83 100
85 65.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.125 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

Tgt Ion: 62 Resp: 216710
Ion Ratio Lower Upper
62 100
98 9.5 6.7 10.1

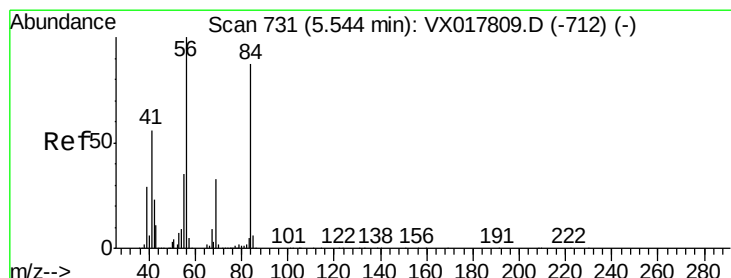
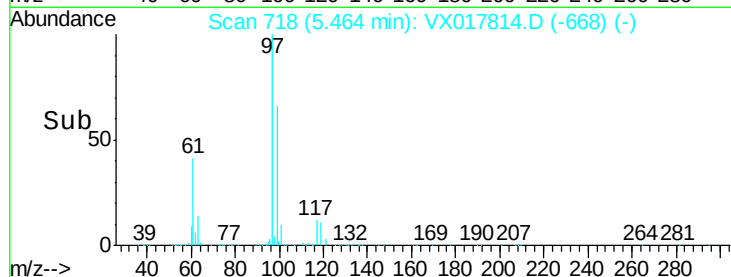
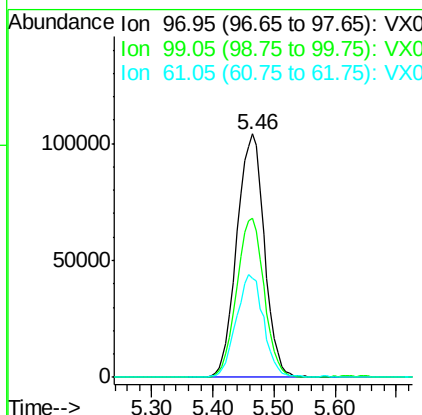
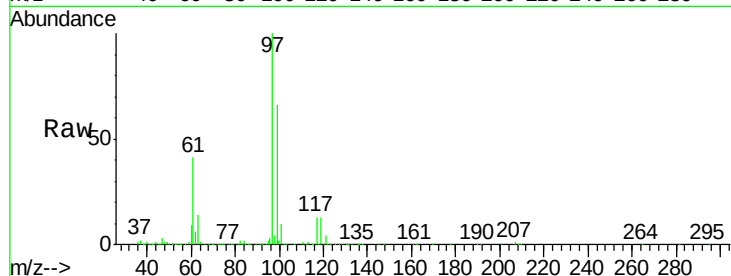




#29
 1,1,1-Trichloroethane
 Concen: 5.294 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

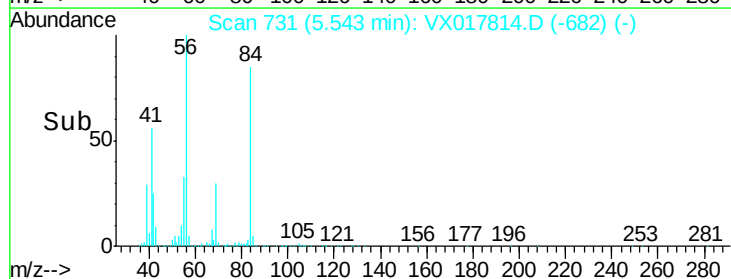
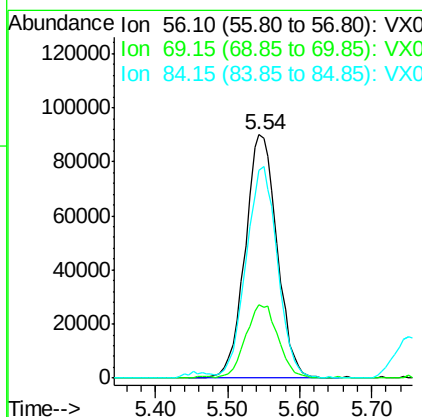
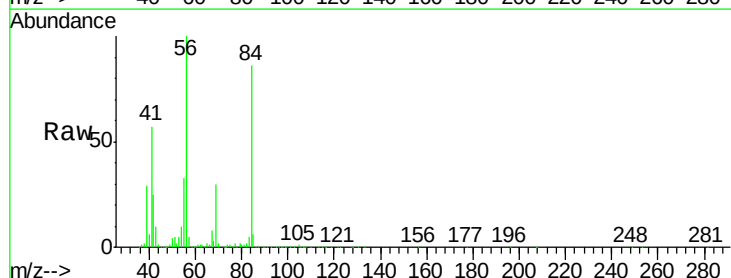
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00565

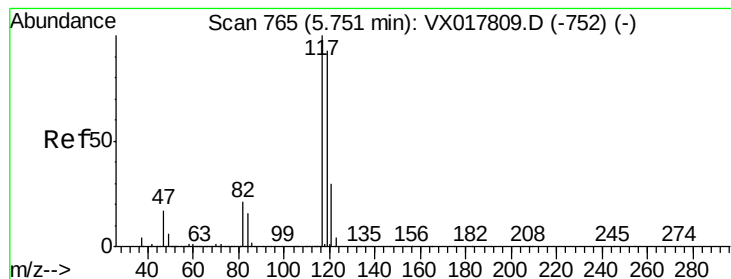
Tgt Ion: 97 Resp: 324100
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.2 78.2
 61 41.8 33.8 50.6



#30
 Cyclohexane
 Concen: 5.196 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Tgt Ion: 56 Resp: 275985
 Ion Ratio Lower Upper
 56 100
 69 30.5 25.1 37.7
 84 85.5 70.7 106.1





#31

Carbon tetrachloride

Concen: 5.226 ug/L

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

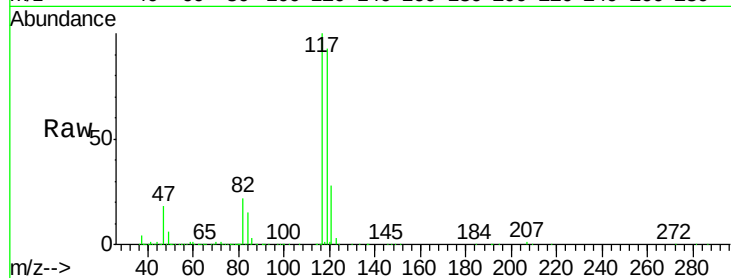
VSTD00565

Tgt Ion:117 Resp: 294822

Ion Ratio Lower Upper

117 100

119 95.1 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.75

120000

100000

80000

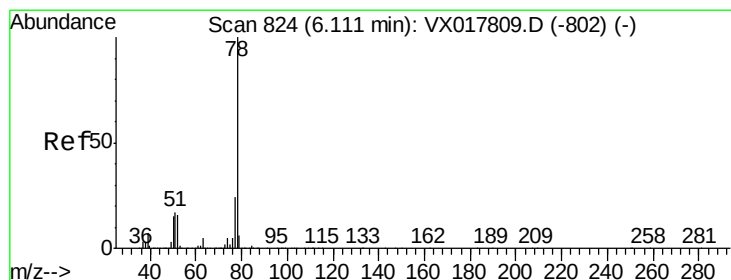
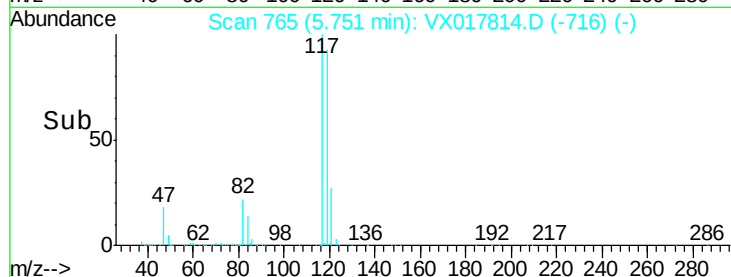
60000

40000

20000

0

Time-->



#33

Benzene

Concen: 5.518 ug/L

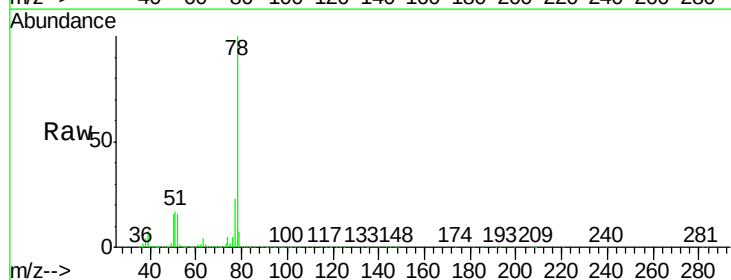
RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Tgt Ion: 78 Resp: 728966



Abundance Ion 78.10 (77.80 to 78.80): VX0

6.11

300000

250000

200000

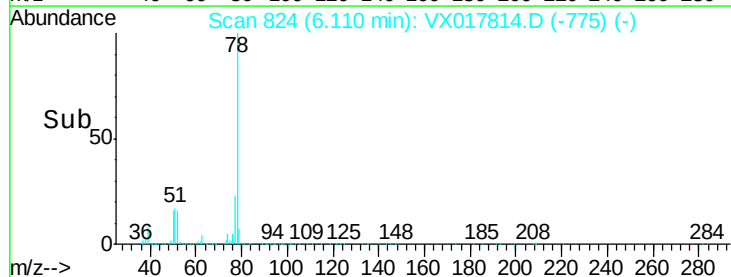
150000

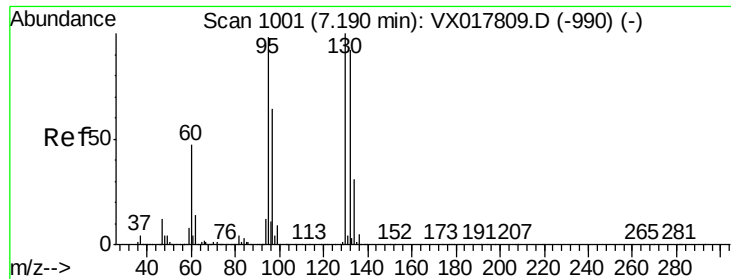
100000

50000

0

Time-->





#34

Trichloroethene

Concen: 5.397 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD00565

Tgt Ion: 95 Resp: 208099

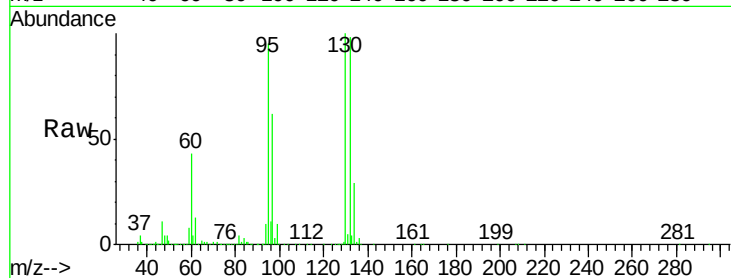
Ion Ratio Lower Upper

95 100

97 64.7 46.1 85.5

132 102.5 66.0 122.6

130 104.9 71.7 133.1

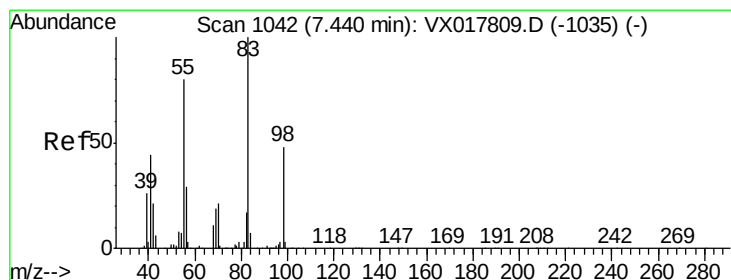
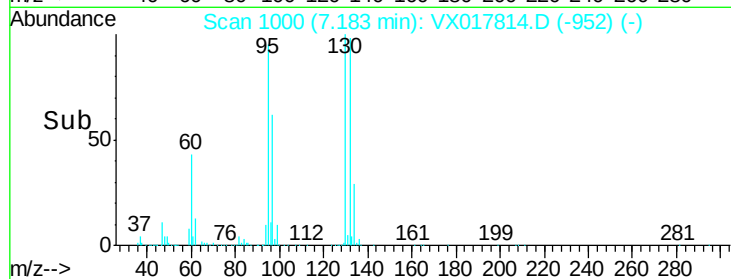
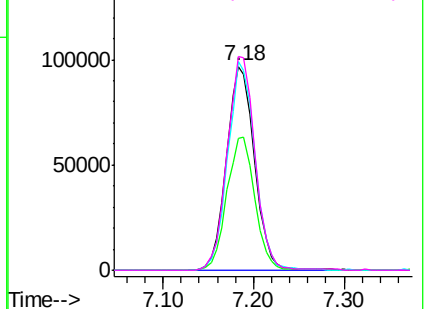


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.252 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

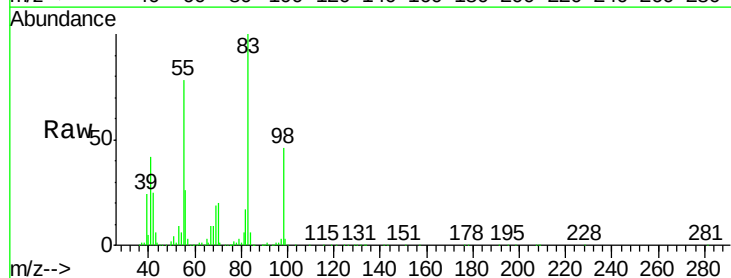
Tgt Ion: 83 Resp: 284721

Ion Ratio Lower Upper

83 100

55 78.2 62.4 93.6

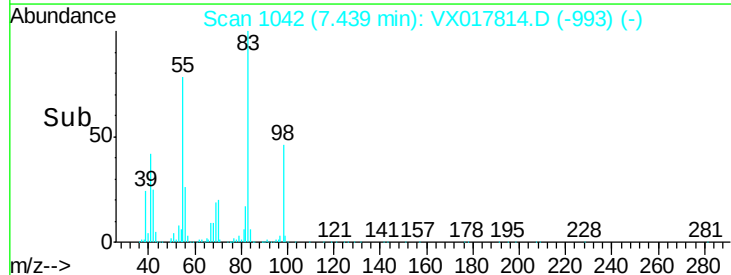
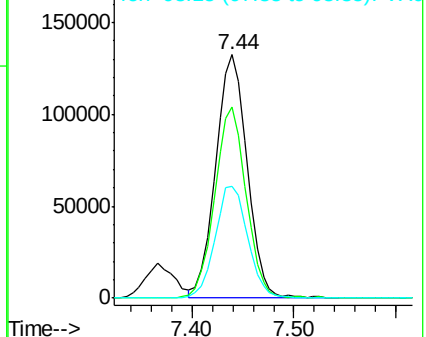
98 47.7 38.0 57.0

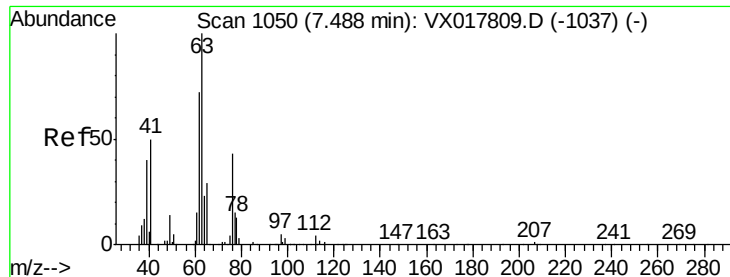


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#37

1,2-Dichloropropane

Concen: 5.629 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampled :

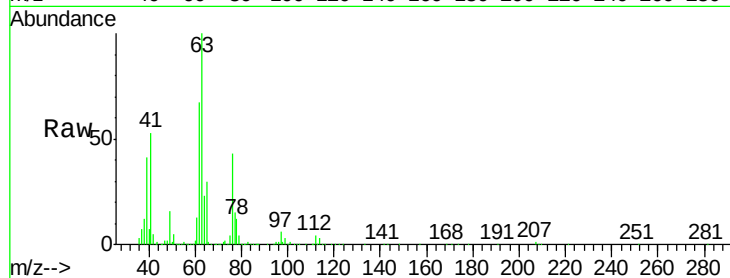
VSTD00565

Tgt Ion: 63 Resp: 186975

Ion Ratio Lower Upper

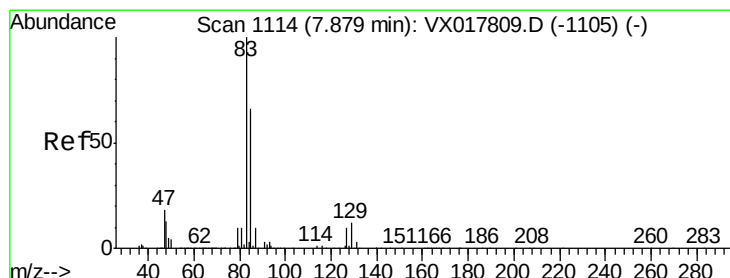
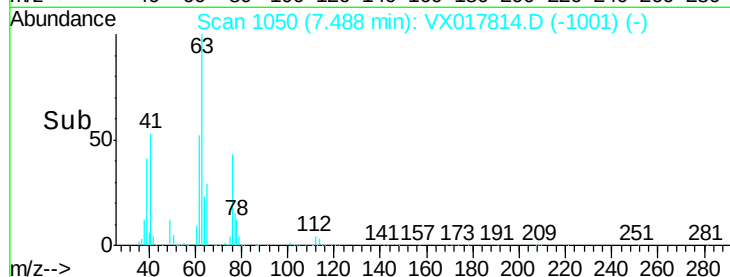
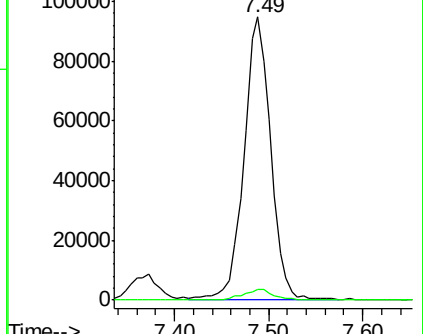
63 100

112 4.2 3.6 5.4



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 5.487 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

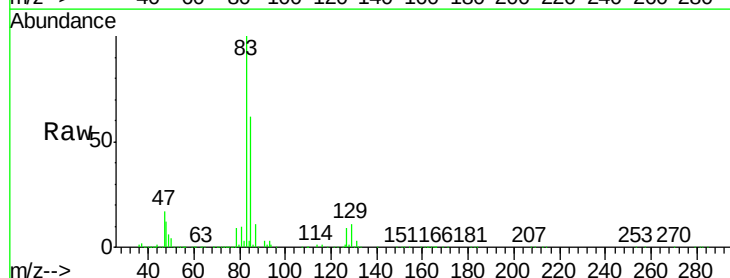
Tgt Ion: 83 Resp: 253923

Ion Ratio Lower Upper

83 100

85 61.9 45.9 85.3

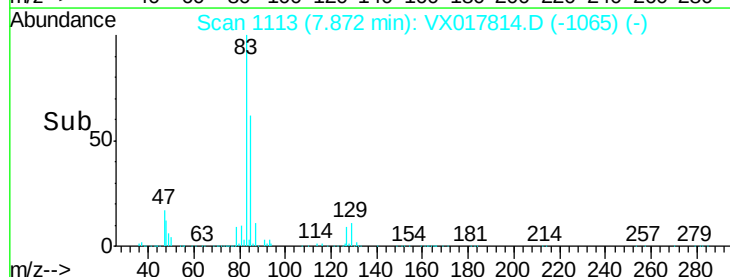
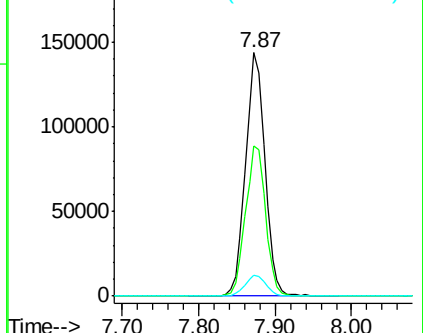
127 8.8 7.9 11.9

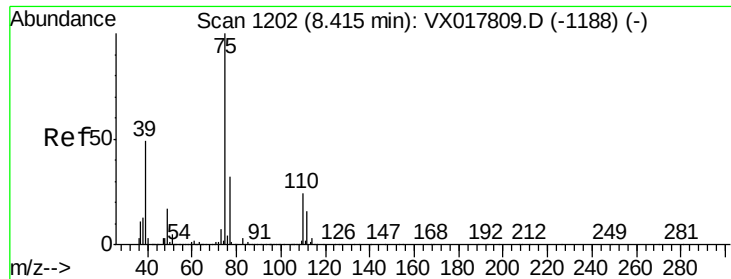


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

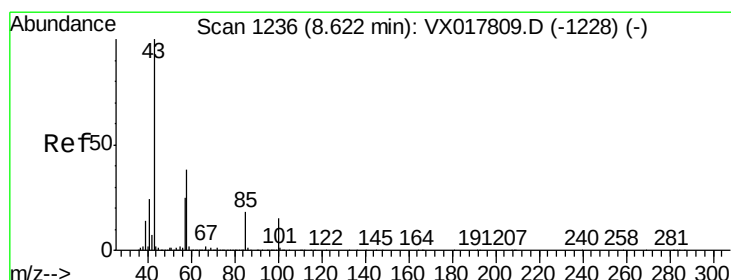
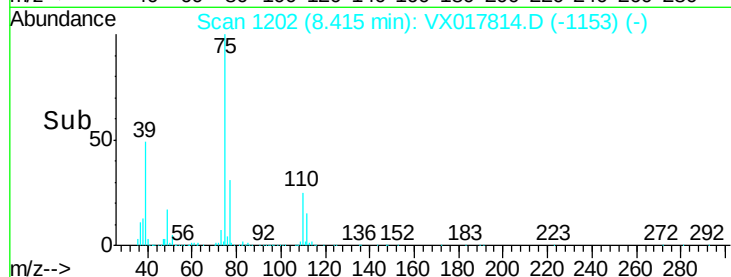
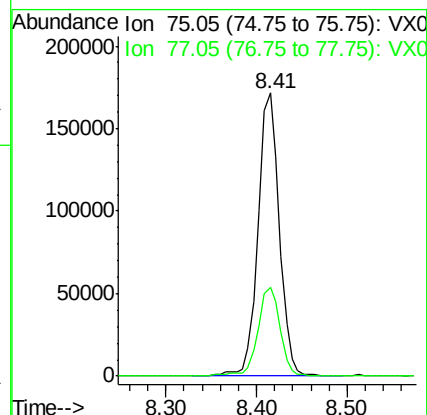
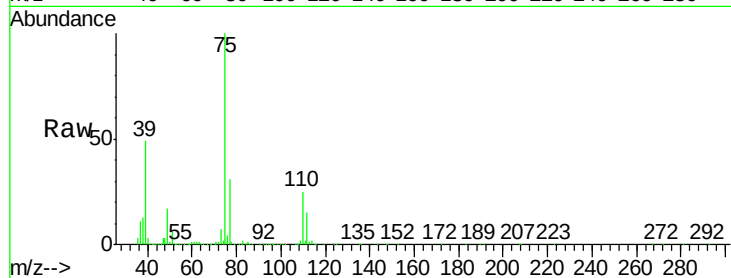




#39
 cis-1,3-Dichloropropene
 Concen: 5.474 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

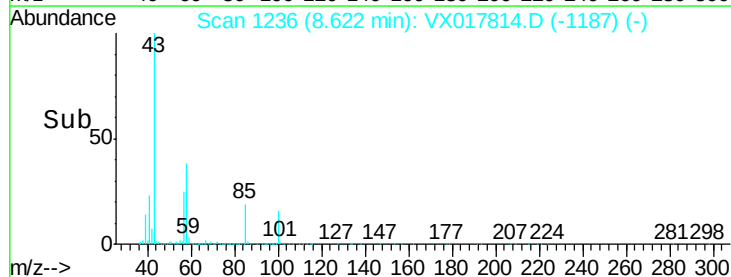
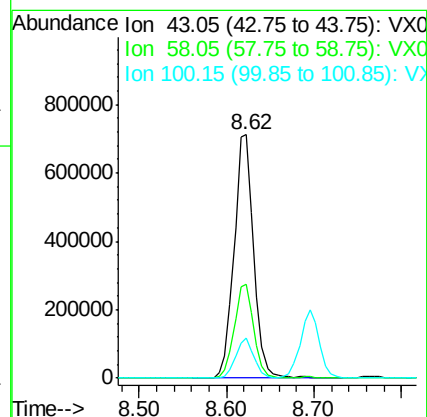
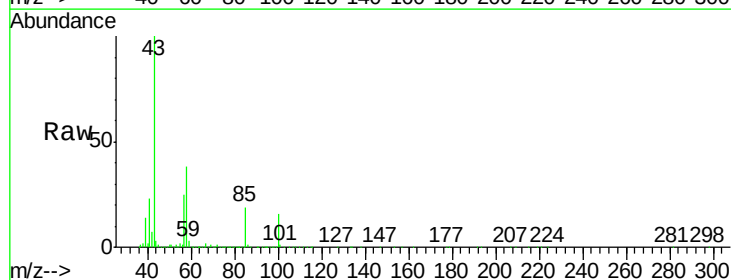
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

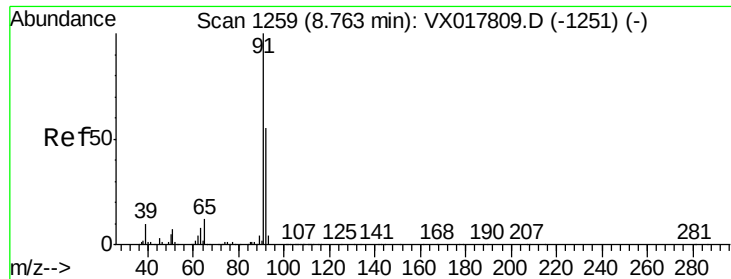
Tgt Ion: 75 Resp: 279975
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 51.508 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Tgt Ion: 43 Resp: 1114019
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.1 46.7
 100 15.4 12.2 18.4





#42

Toluene

Concen: 5.676 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

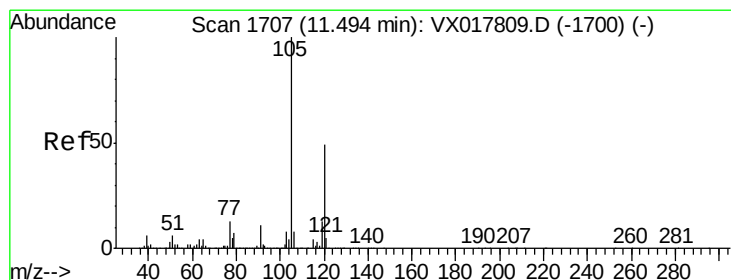
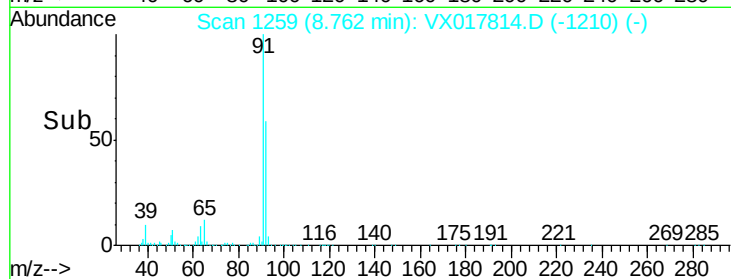
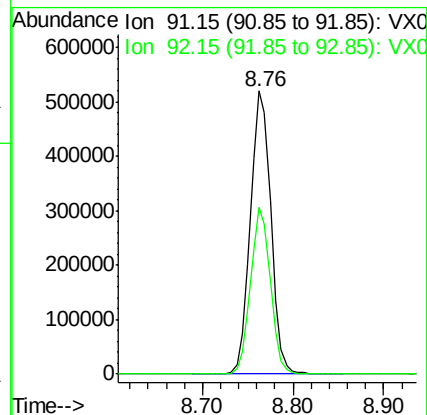
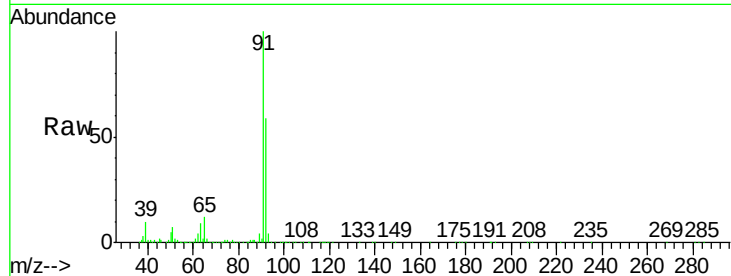
VSTD00565

Tgt Ion: 91 Resp: 813989

Ion Ratio Lower Upper

91 100

92 58.9 38.8 72.0



#43

1,3,5-Trimethylbenzene

Concen: 5.816 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017814.D

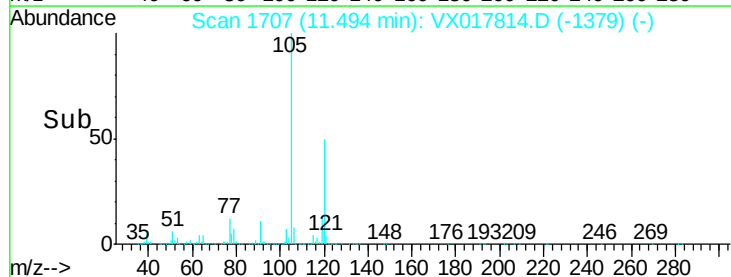
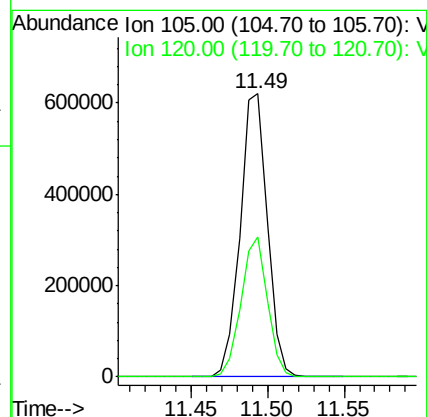
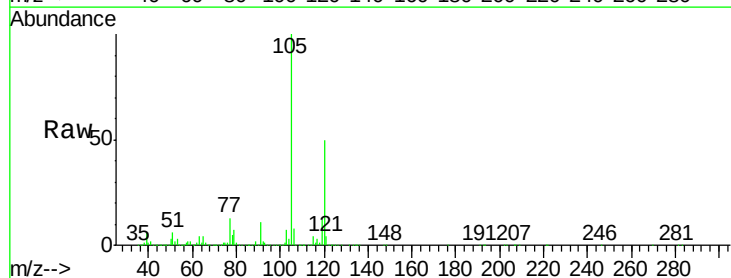
Acq: 07 Aug 2020 09:18

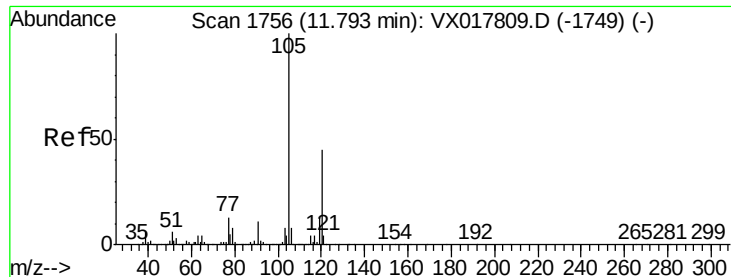
Tgt Ion: 105 Resp: 761193

Ion Ratio Lower Upper

105 100

120 48.0 38.1 57.1





#44

1,2,4-Trimethylbenzene

Concen: 5.826 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

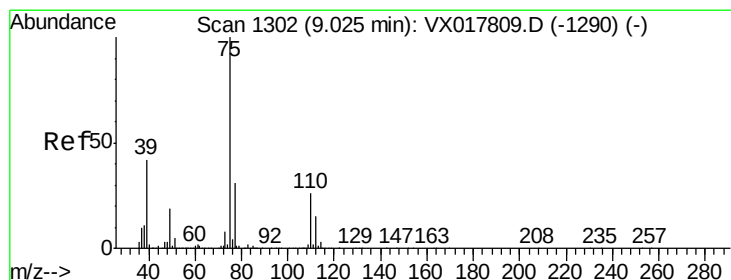
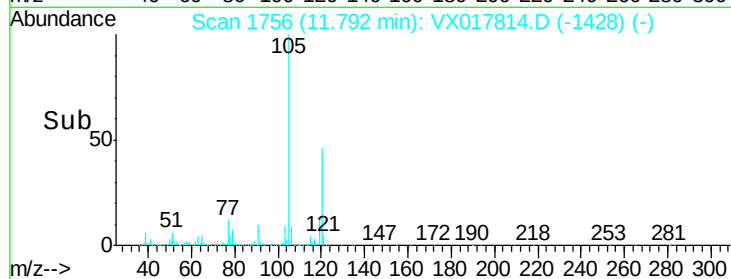
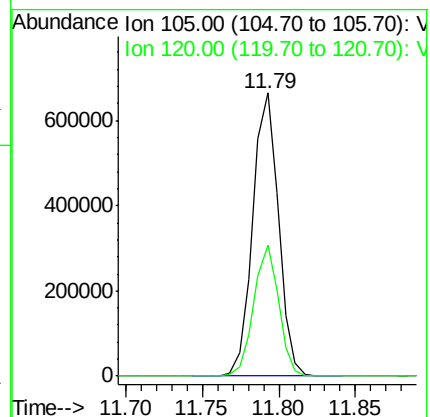
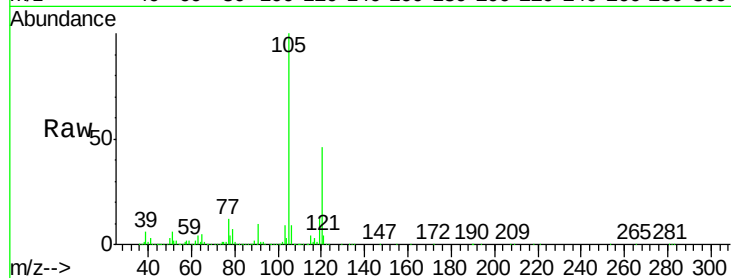
VSTD00565

Tgt Ion:105 Resp: 776580

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.8



#46

trans-1,3-Dichloropropene

Concen: 5.442 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017814.D

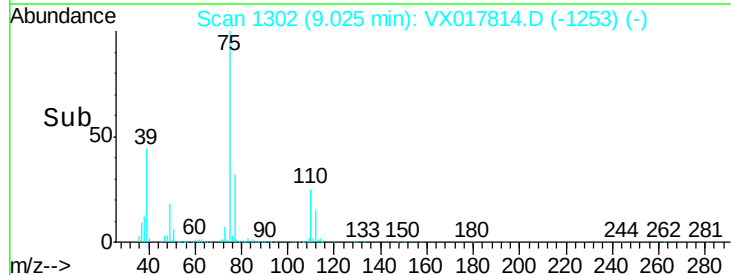
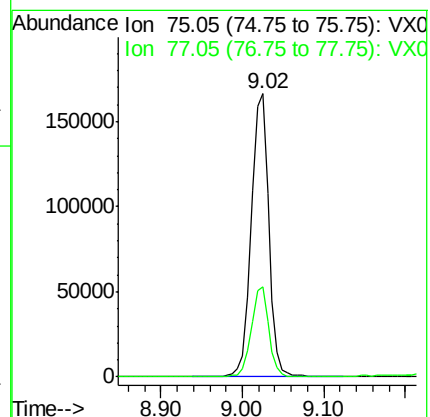
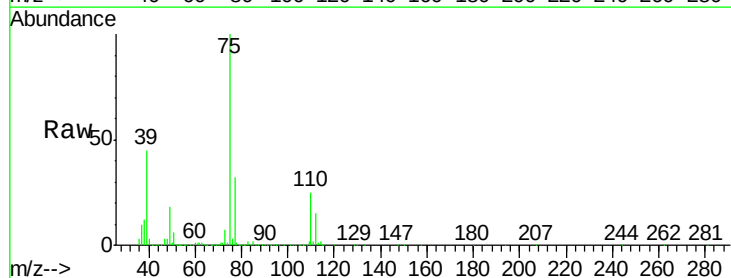
Acq: 07 Aug 2020 09:18

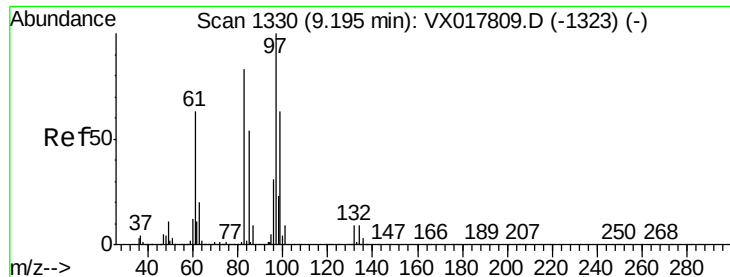
Tgt Ion: 75 Resp: 248274

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2





#47

1,1,2-Trichloroethane

Concen: 5.338 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD00565

Tgt Ion: 97 Resp: 133054

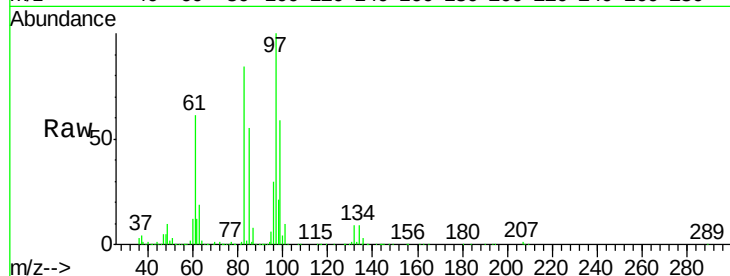
Ion Ratio Lower Upper

97 100

99 59.4 43.9 81.5

83 83.9 58.4 108.6

85 55.3 37.5 69.6

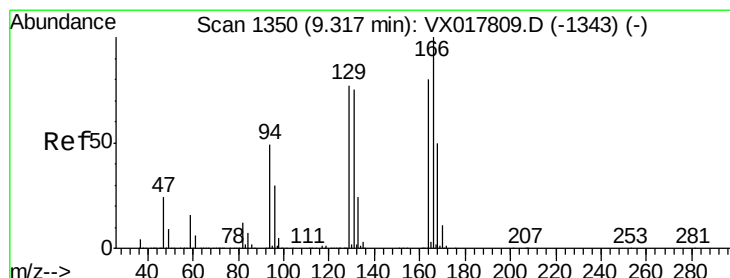
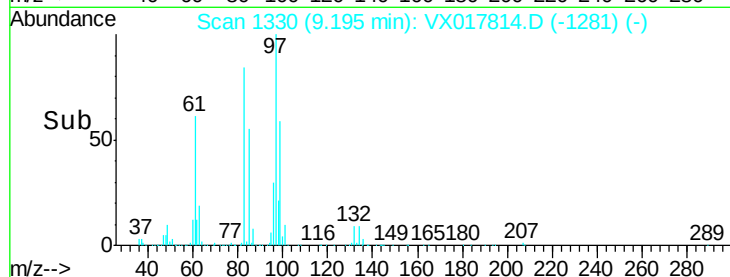
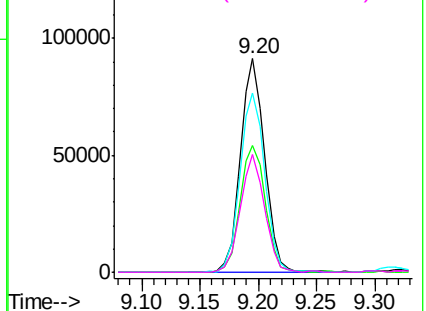


Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49

Tetrachloroethene

Concen: 5.459 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Tgt Ion: 164 Resp: 168415

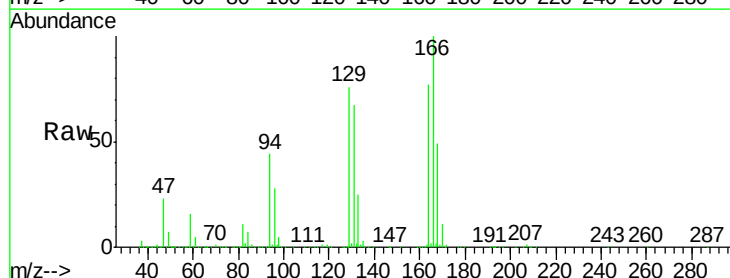
Ion Ratio Lower Upper

164 100

129 99.0 67.4 125.2

131 87.4 65.3 121.3

166 129.7 87.2 161.9

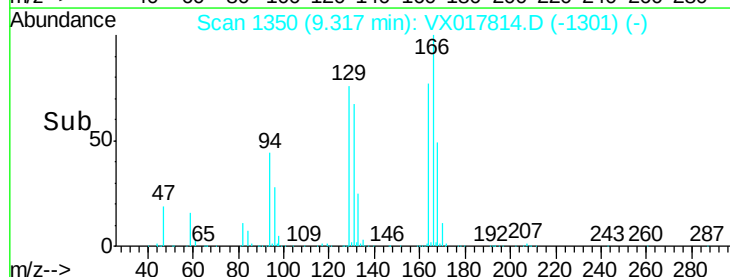
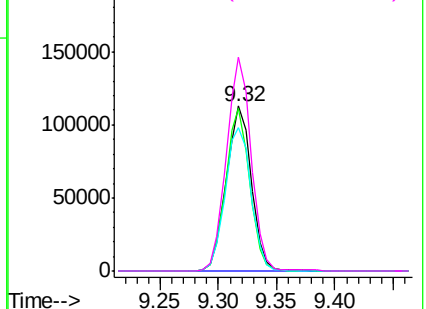


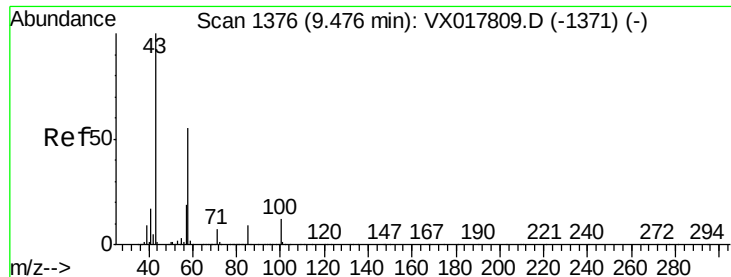
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

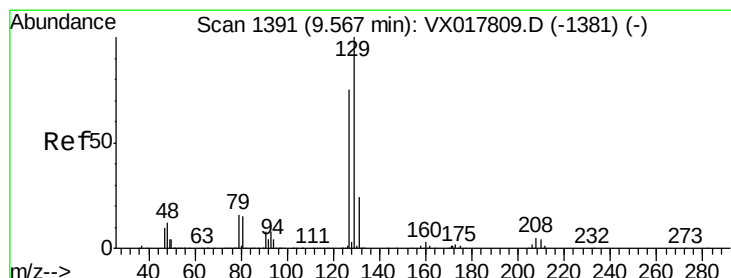
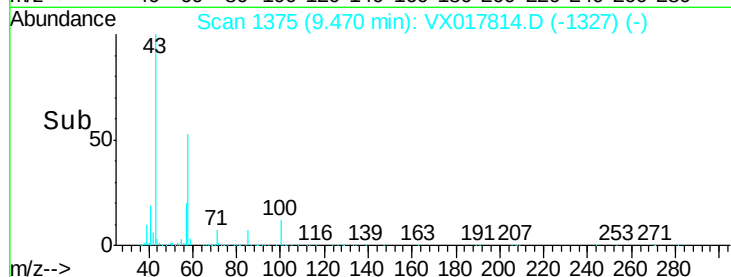
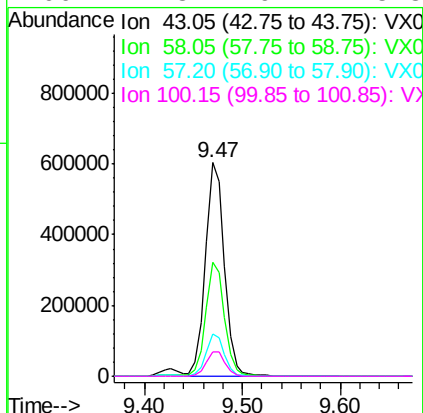
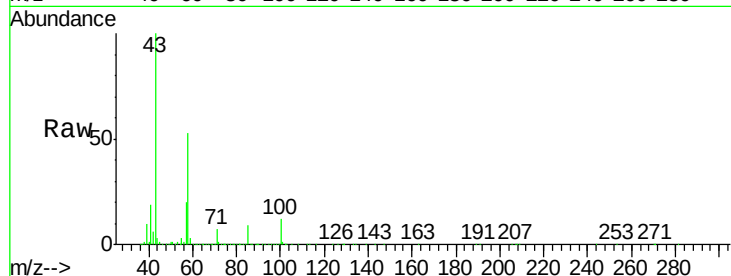




#50
2-Hexanone
Concen: 52.094 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

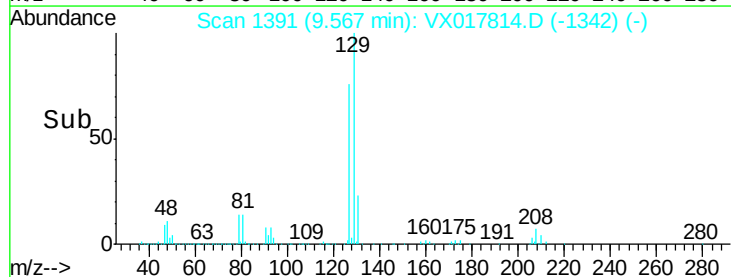
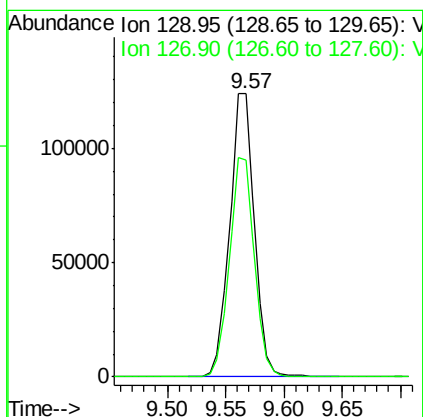
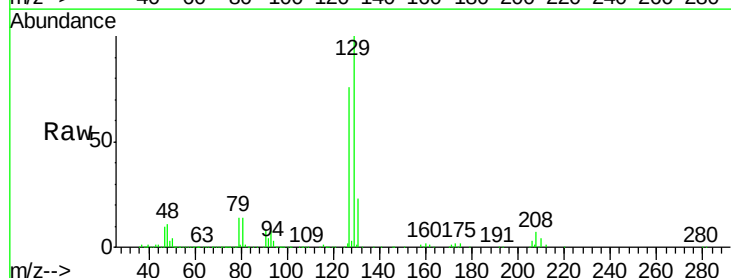
Instrument :
MSVOA_X
ClientSampleId :
VSTD00565

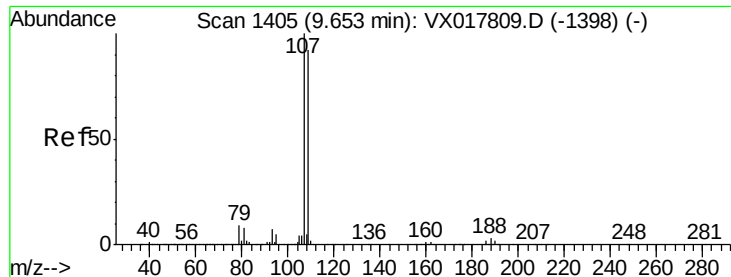
Tgt Ion:	43	Resp:	807595
Ion	Ratio	Lower	Upper
43	100		
58	52.8	43.0	64.6
57	19.1	15.0	22.4
100	11.8	9.2	13.8



#51
Dibromochloromethane
Concen: 5.343 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

Tgt Ion:	129	Resp:	183452
Ion	Ratio	Lower	Upper
129	100		
127	76.5	52.5	97.5





#52

1,2-Dibromoethane

Concen: 5.232 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

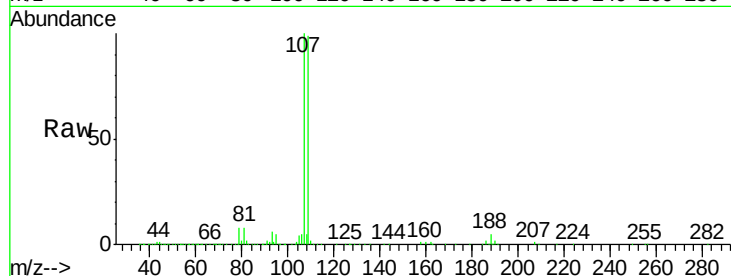
Instrument :

MSVOA_X

ClientSampleId :

VSTD00565

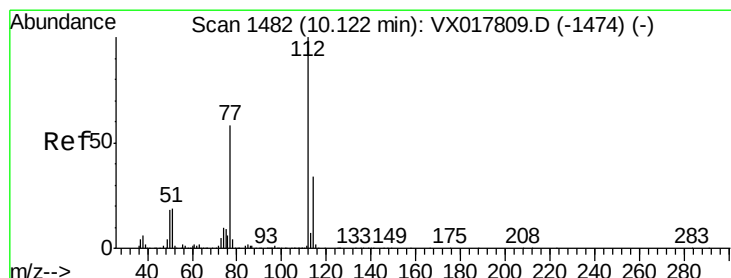
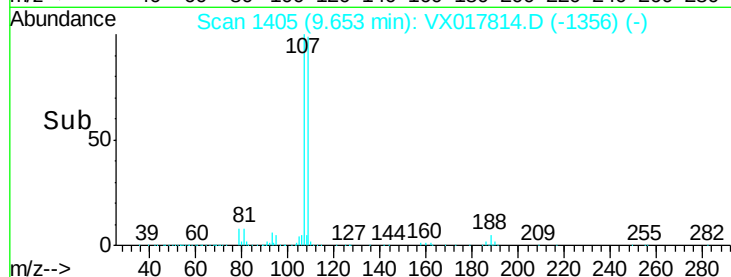
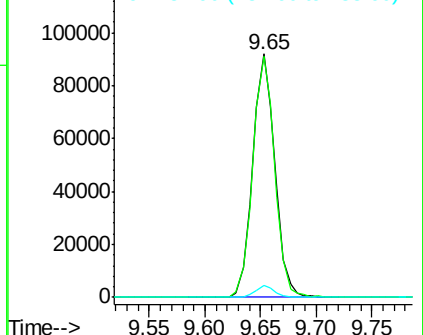
Tgt Ion:	107	Resp:	127657
Ion	Ratio	Lower	Upper
107	100		
109	98.8	64.6	120.0
188	5.0	2.5	3.7#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 5.531 ug/L

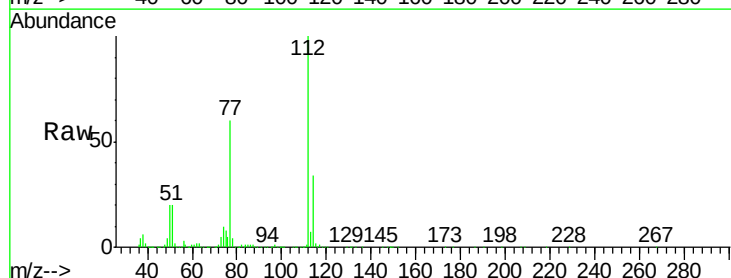
RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

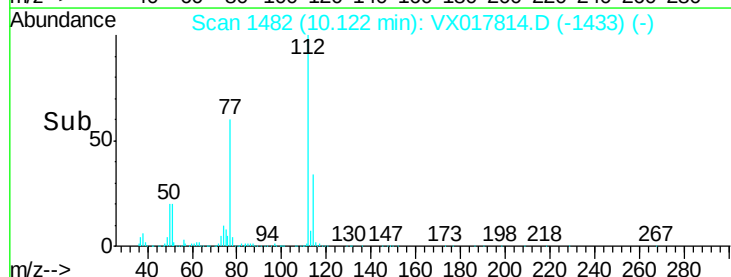
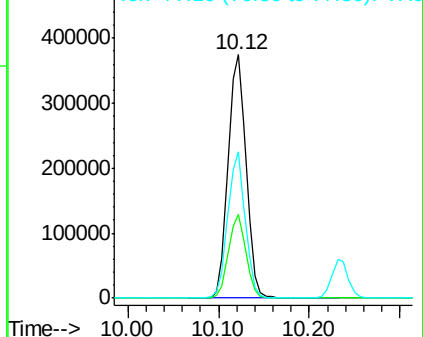
Tgt Ion:	112	Resp:	516220
Ion	Ratio	Lower	Upper
112	100		
114	34.2	23.5	43.7
77	59.9	46.7	70.1

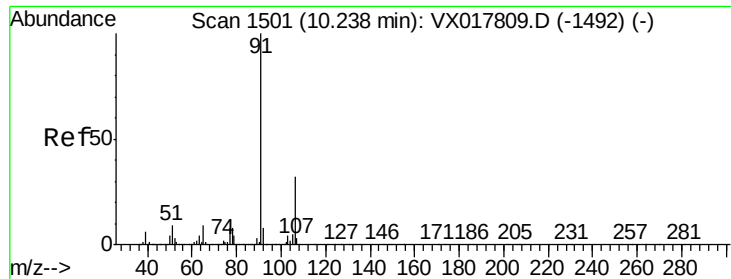


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 5.614 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

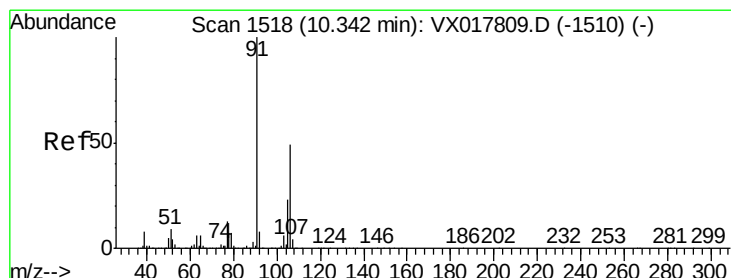
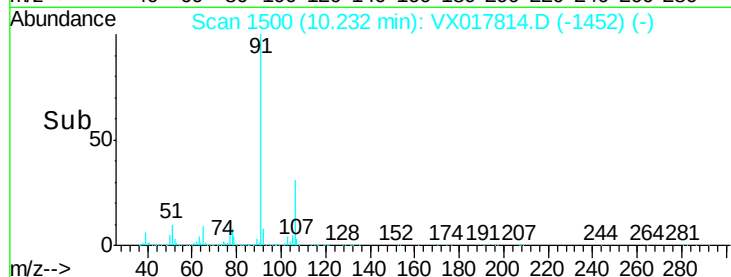
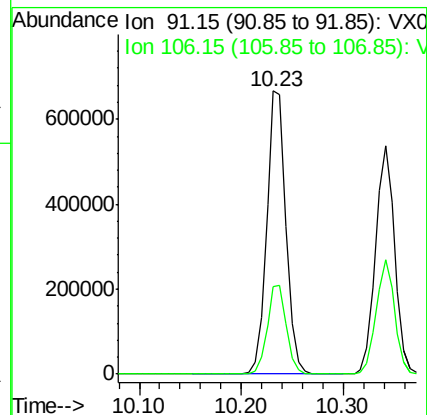
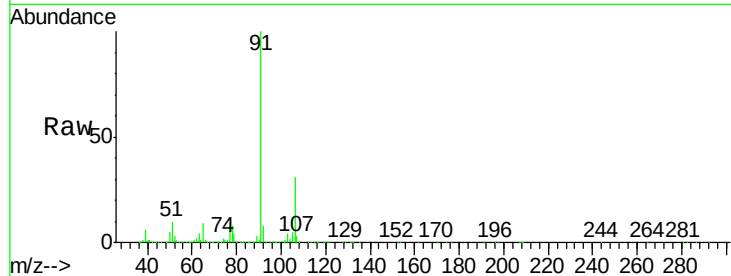
VSTD00565

Tgt Ion: 91 Resp: 878533

Ion Ratio Lower Upper

91 100

106 30.8 22.5 41.9



#55

m,p-xylene

Concen: 5.727 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017814.D

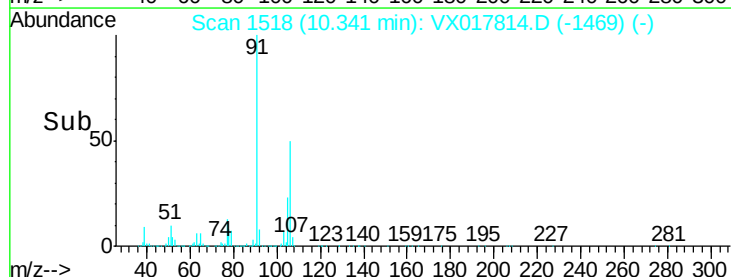
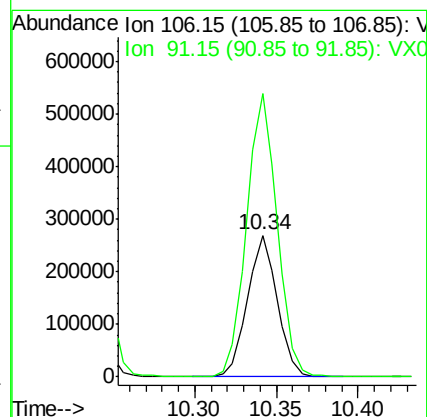
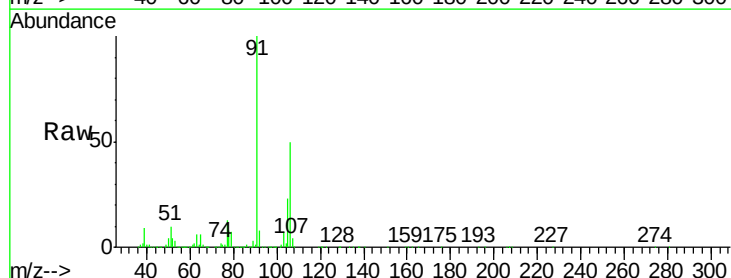
Acq: 07 Aug 2020 09:18

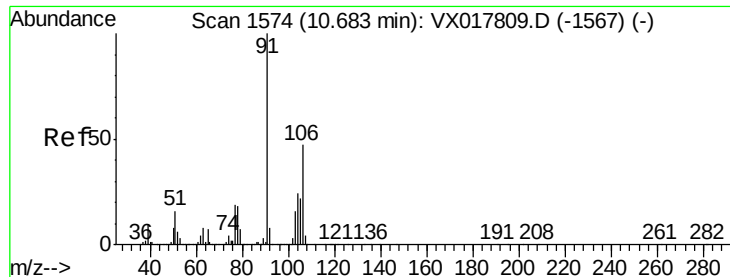
Tgt Ion: 106 Resp: 342218

Ion Ratio Lower Upper

106 100

91 200.2 143.3 266.1

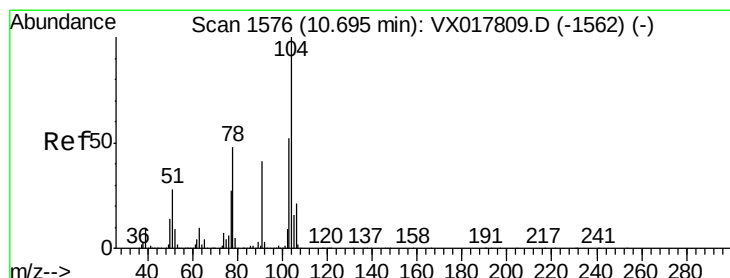
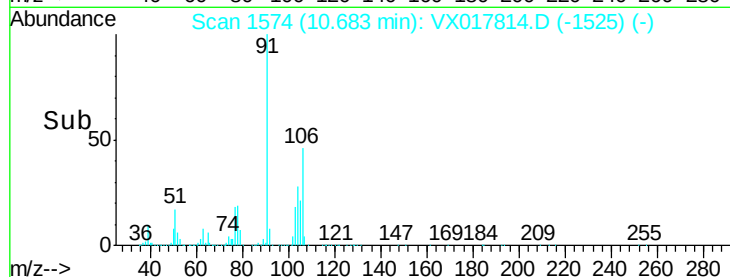
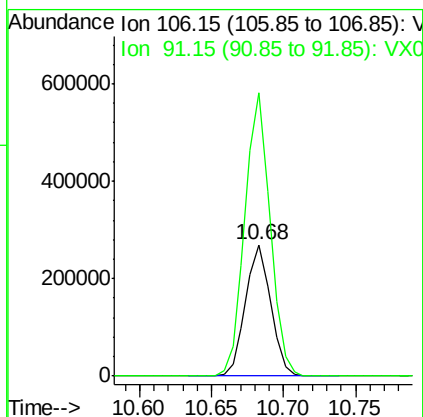
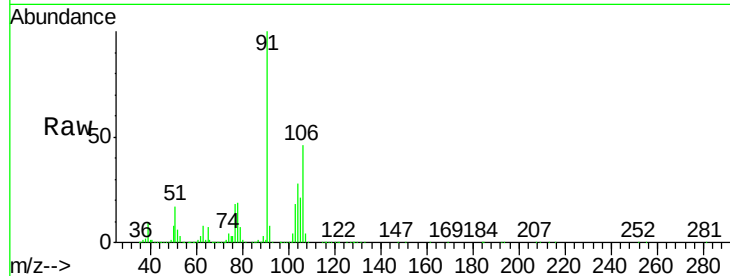




#56
o-xylene
Concen: 5.649 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

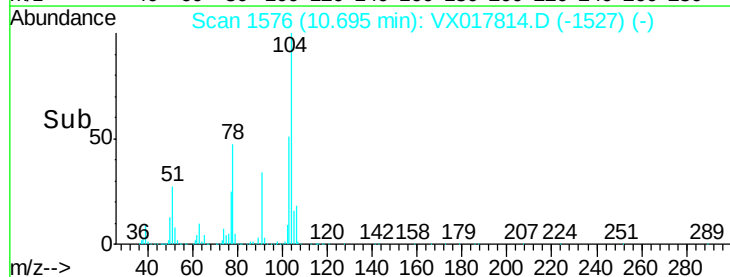
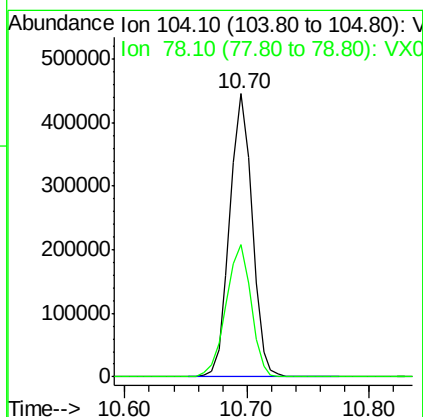
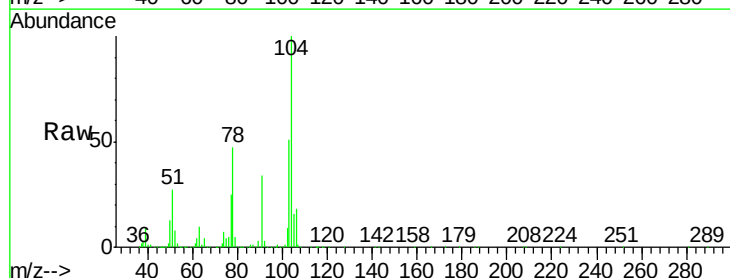
Instrument :
MSVOA_X
ClientSampleId :
VSTD00565

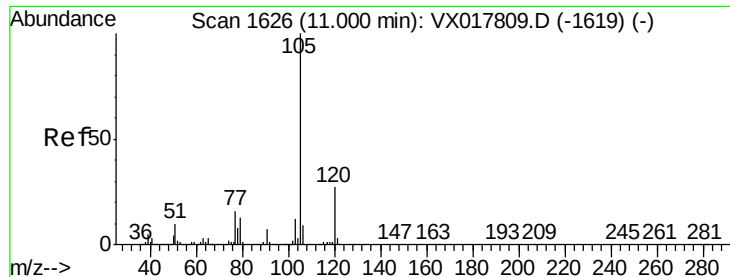
Tgt Ion:106 Resp: 327303
Ion Ratio Lower Upper
106 100
91 215.9 149.8 278.2



#57
Styrene
Concen: 5.784 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017814.D
Acq: 07 Aug 2020 09:18

Tgt Ion:104 Resp: 566666
Ion Ratio Lower Upper
104 100
78 46.9 33.7 62.5





#58

Isopropylbenzene

Concen: 5.728 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD00565

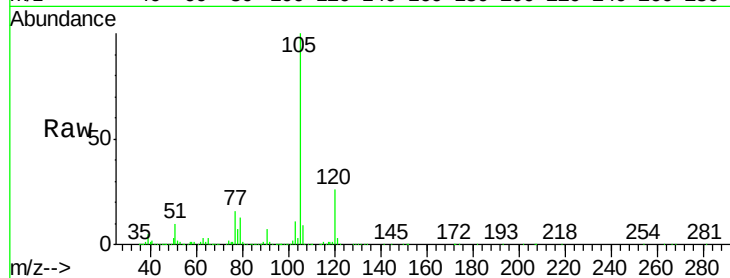
Tgt Ion:105 Resp: 888240

Ion Ratio Lower Upper

105 100

120 26.9 21.8 32.6

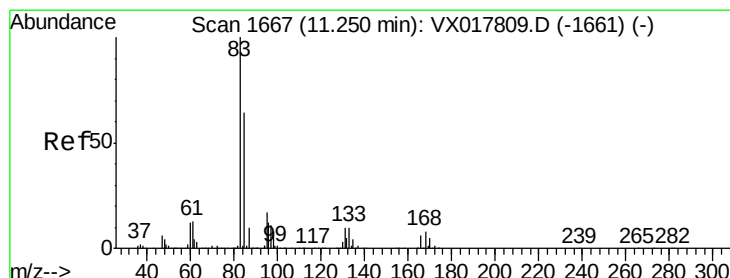
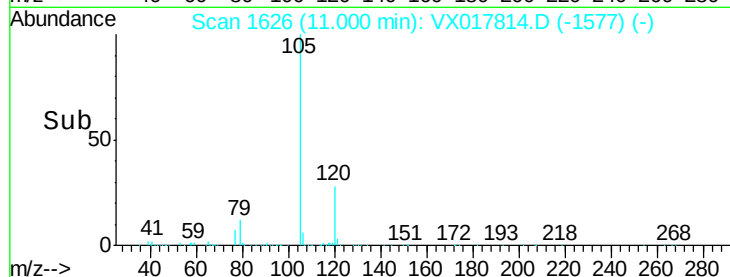
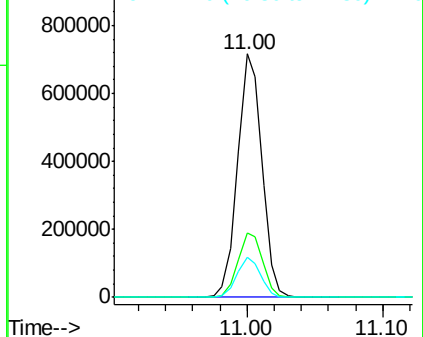
77 15.9 12.8 19.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 5.235 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

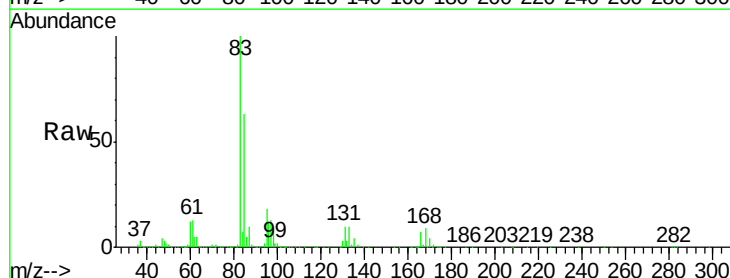
Tgt Ion: 83 Resp: 143300

Ion Ratio Lower Upper

83 100

85 63.0 44.6 82.8

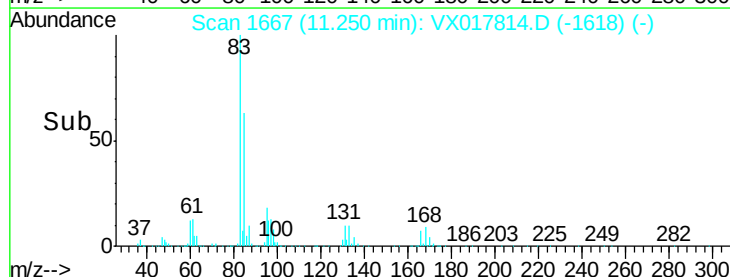
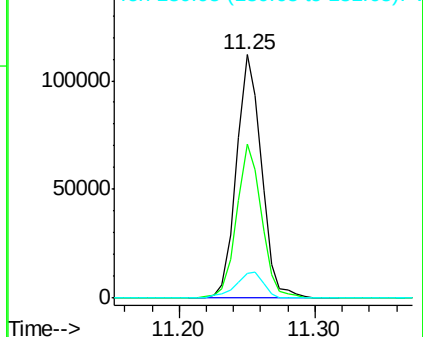
131 10.4 8.2 12.2

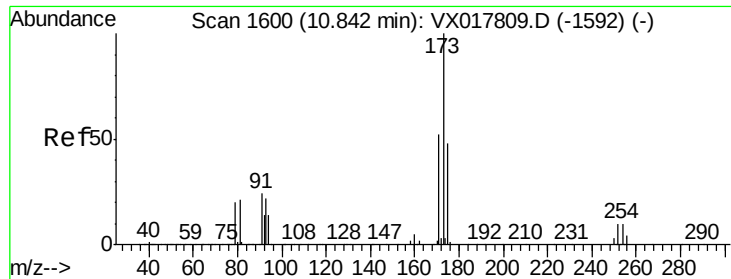


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.234 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD00565

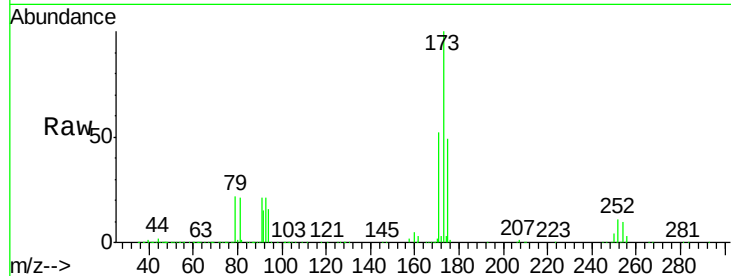
Tgt Ion:173 Resp: 105193

Ion Ratio Lower Upper

173 100

175 47.6 40.0 60.0

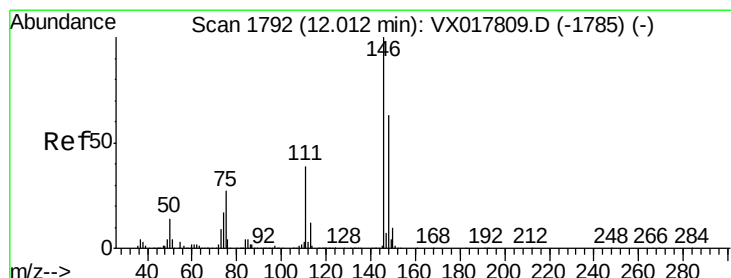
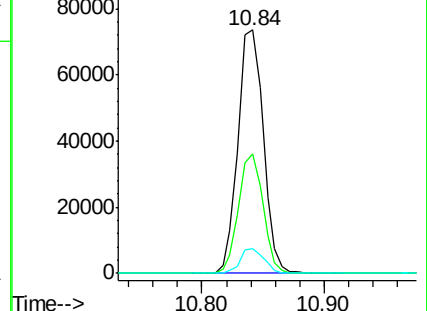
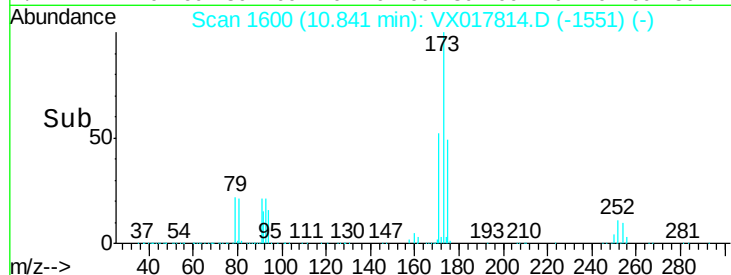
254 9.9 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 5.438 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

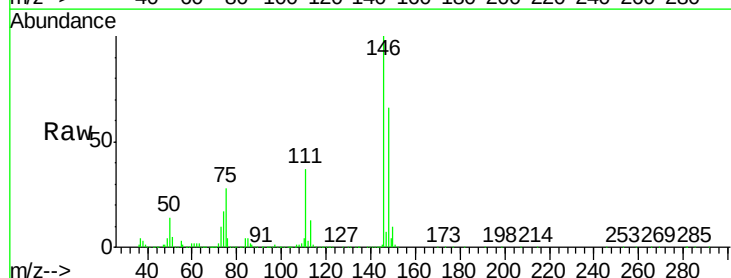
Tgt Ion:146 Resp: 425643

Ion Ratio Lower Upper

146 100

111 37.2 27.6 51.4

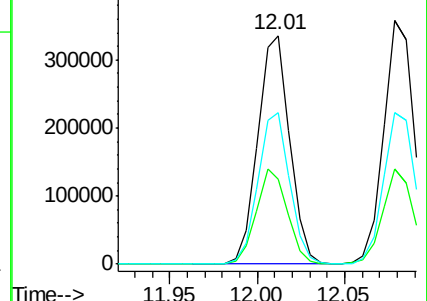
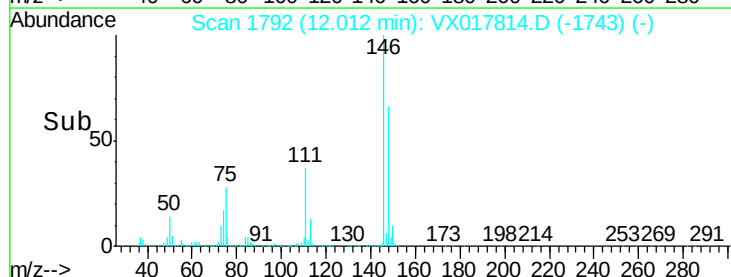
148 66.2 43.9 81.5

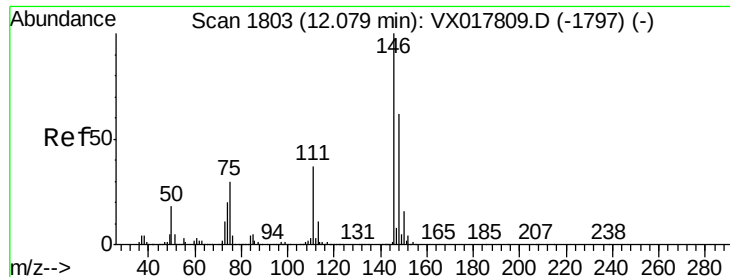


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

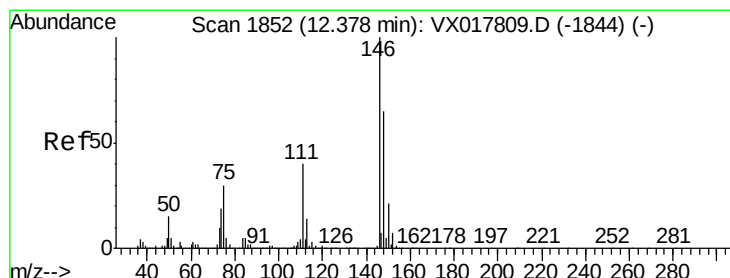
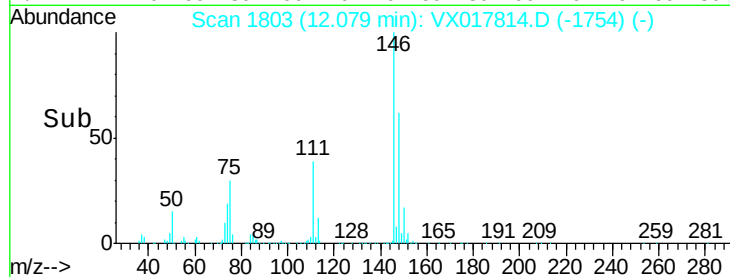
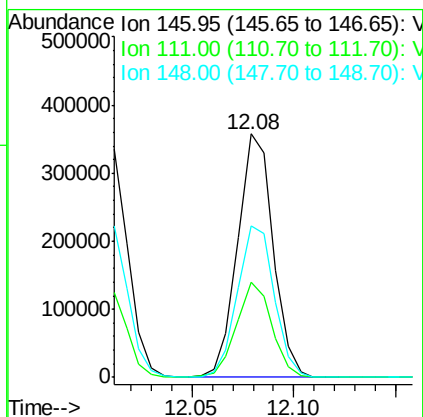
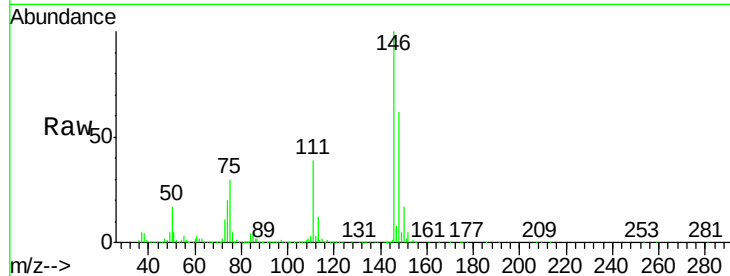




#64
 1,4-Dichlorobenzene
 Concen: 5.545 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

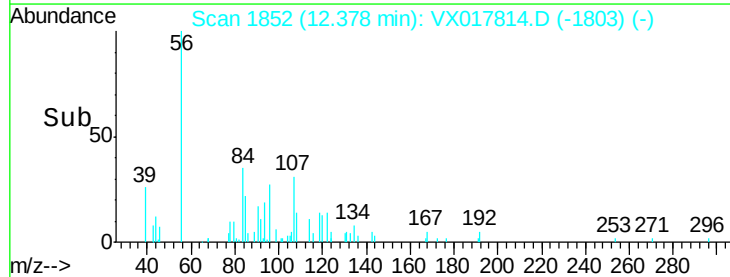
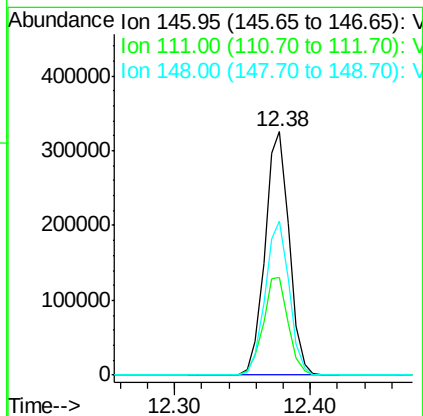
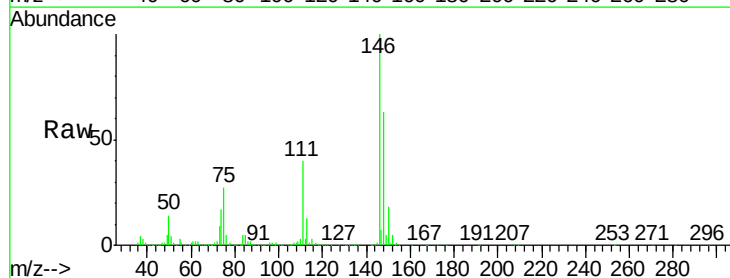
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

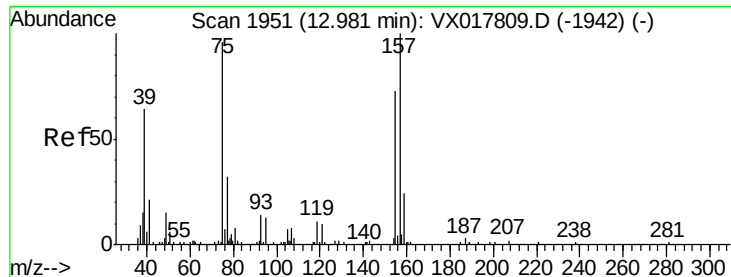
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.0	48.2
148	62.4	43.2	80.2



#66
 1,2-Dichlorobenzene
 Concen: 5.593 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	32.2	48.4
148	63.1	52.3	78.5





#67

1,2-Dibromo-3-chloropropane

Concen: 4.818 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD00565

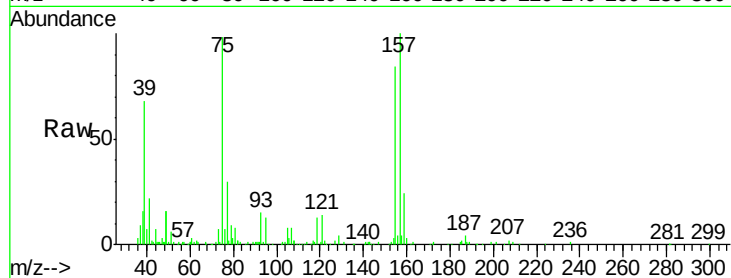
Tgt Ion: 75 Resp: 30427

Ion Ratio Lower Upper

75 100

155 84.9 60.9 91.3

157 101.6 83.3 124.9



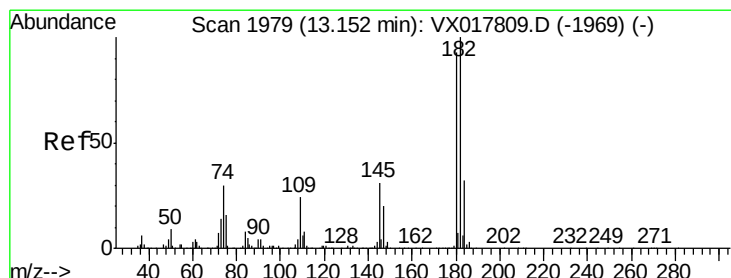
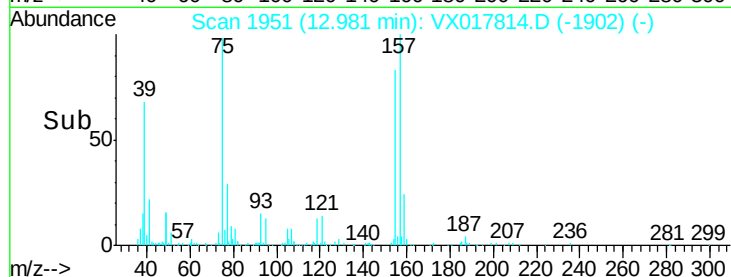
Abundance Ion 75.05 (74.75 to 75.75): VX017809.D (-1942) (-)

Ion 154.95 (154.65 to 155.65): VX017809.D (-1942) (-)

Ion 156.90 (156.60 to 157.60): VX017809.D (-1942) (-)

12.98

Time-->



#68

1,3,5-Trichlorobenzene

Concen: 5.645 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VX017814.D

Acq: 07 Aug 2020 09:18

Tgt Ion: 180 Resp: 326251

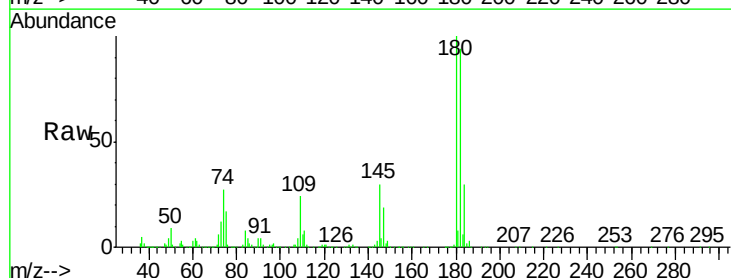
Ion Ratio Lower Upper

180 100

182 97.5 80.2 120.4

184 31.0 24.9 37.3

145 31.3 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): VX017809.D (-1969) (-)

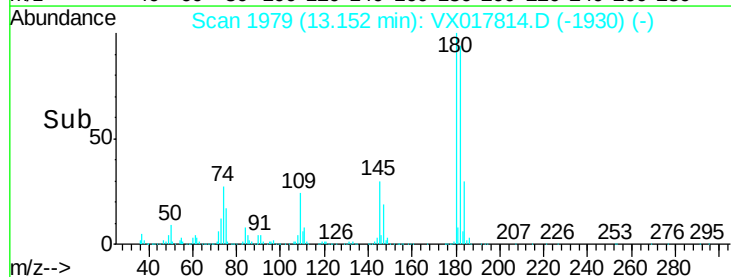
Ion 182.00 (181.70 to 182.70): VX017809.D (-1969) (-)

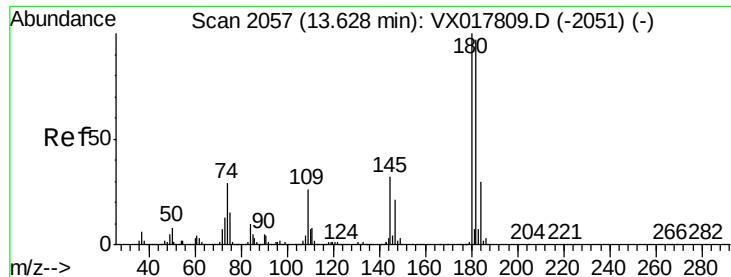
Ion 184.00 (183.70 to 184.70): VX017809.D (-1969) (-)

Ion 145.00 (144.70 to 145.70): VX017809.D (-1969) (-)

13.15

Time-->

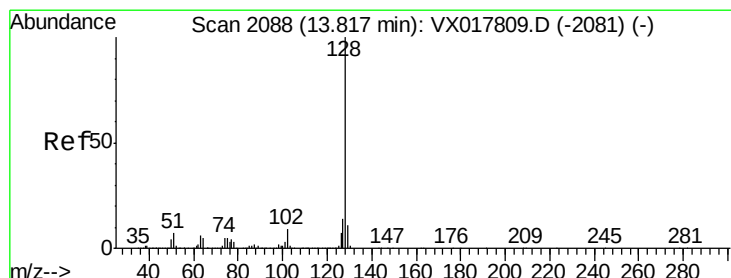
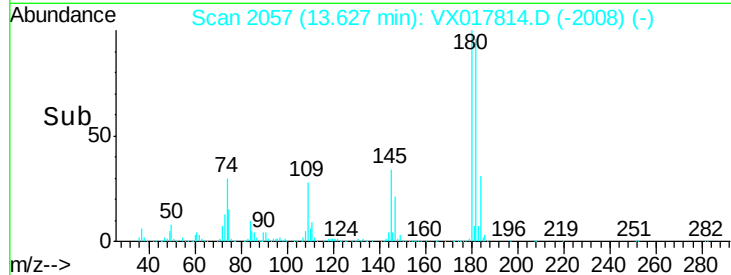
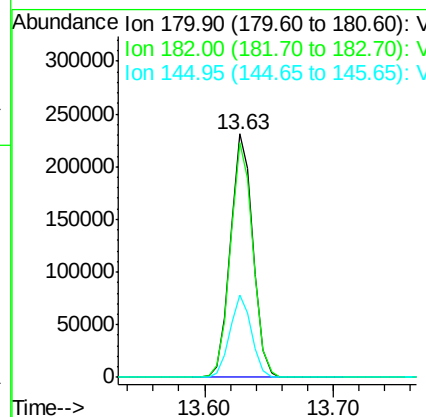
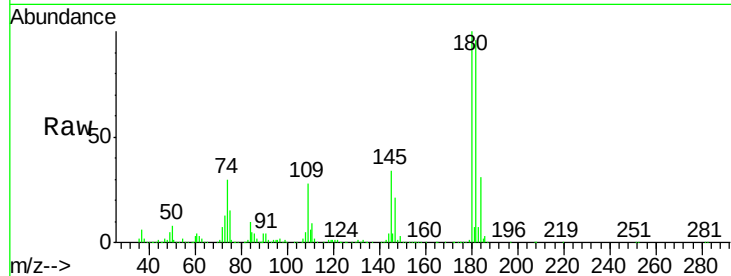




#69
 1,2,4-trichlorobenzene
 Concen: 5.568 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

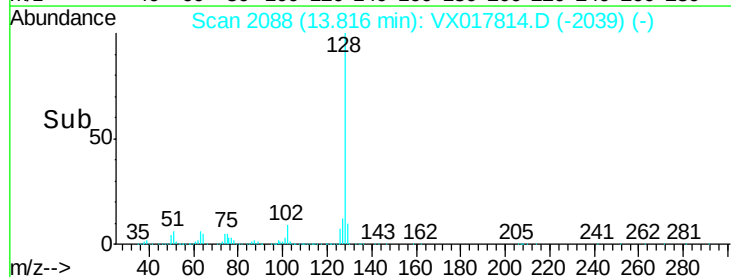
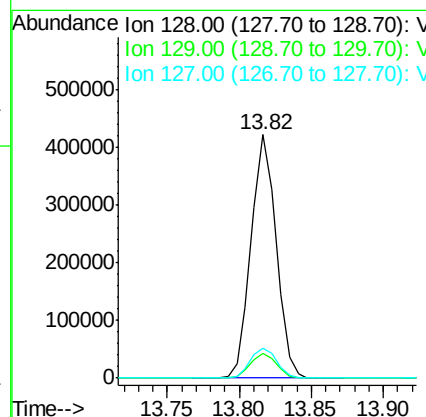
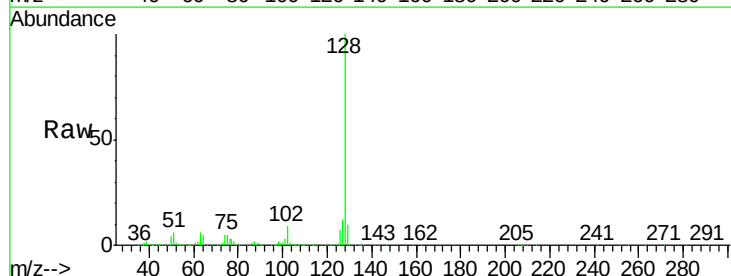
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

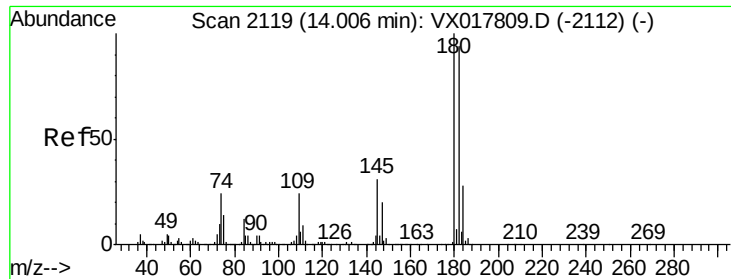
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.5	114.7
145	32.6	25.4	38.0



#70
 Naphthalene
 Concen: 5.403 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.2	11.0	16.4





#71
 1,2,3-Trichlorobenzene
 Concen: 5.457 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017814.D
 Acq: 07 Aug 2020 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.4	113.0
145	33.5	27.4	41.0

