

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026470.D
 Acq On : 14 Jan 2022 22:09
 Operator : JC/MD
 Sample : N1121-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

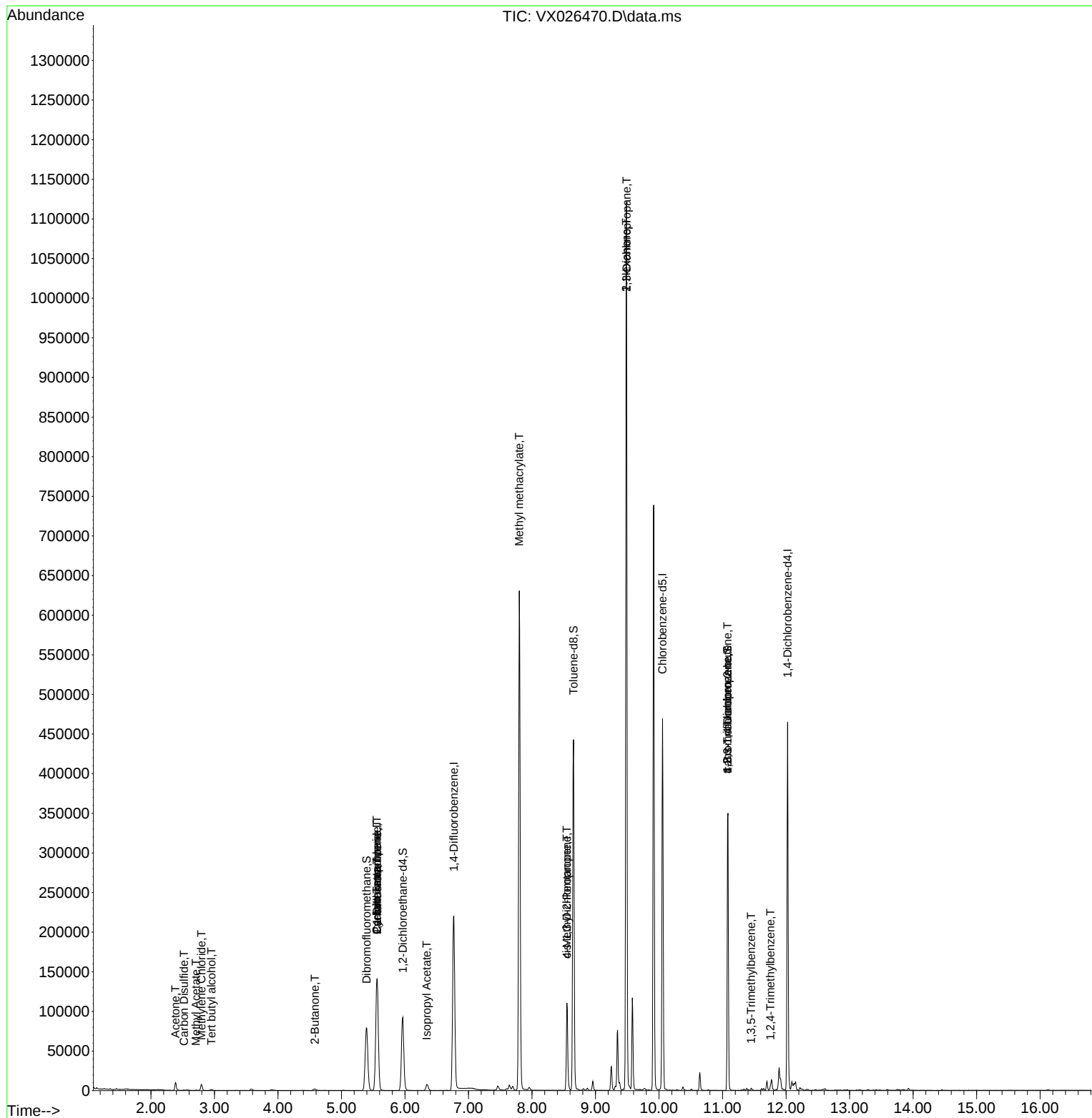
Internal Standards						
1) Pentafluorobenzene	5.562	168	130933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92608	50.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.260%
35) Dibromofluoromethane	5.397	113	70959	49.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	8.653	98	257902	50.107	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.220%
62) 4-Bromofluorobenzene	11.079	95	97343	53.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1015	3.989	ug/l #	75
16) Acetone	2.386	43	11185	11.992	ug/l	96
17) Carbon Disulfide	2.520	76	802	0.201	ug/l #	74
18) Methyl Acetate	2.709	43	796	0.429	ug/l #	84
20) Methylene Chloride	2.794	84	3346	2.171	ug/l	93
25) 2-Butanone	4.580	43	2722	2.244	ug/l	100
31) Cyclohexane	5.556	56	2810	1.042	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	10565	4.686	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14017	6.044	ug/l #	17
43) Isopropyl Acetate	6.342	43	10901	2.959	ug/l	99
48) Methyl methacrylate	7.799	41	53753	29.439	ug/l #	46
51) 4-Methyl-2-Pentanone	8.549	43	38767	17.739	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	17380	7.303	ug/l #	59
57) 1,3-Dichloropropane	9.488	76	9846	3.808	ug/l #	43
59) 2-Hexanone	9.482	43	141781	84.765	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	49893	25.362	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1321	0.219	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	49893	77.018	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2295	0.380	ug/l	99

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

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MSVOA_X
ClientSampleId :

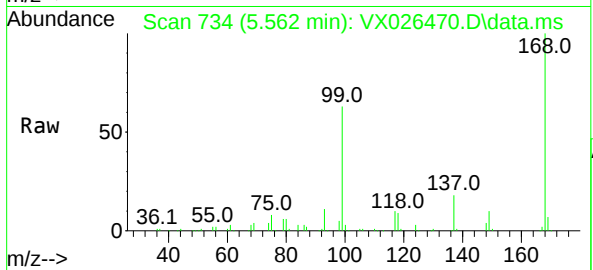
Quant Time: Jan 17 00:42:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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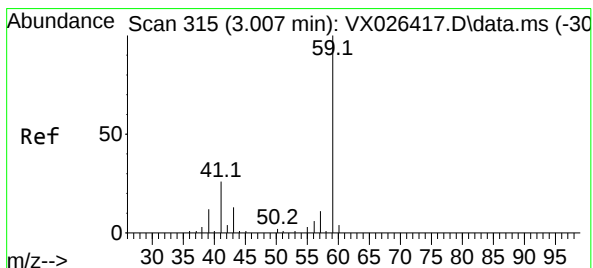
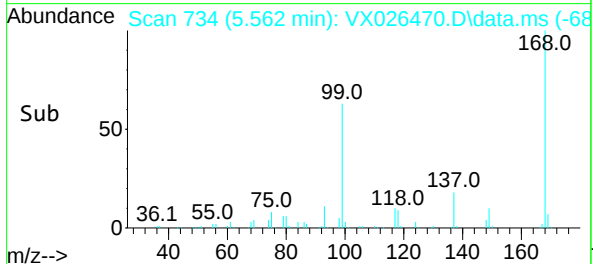
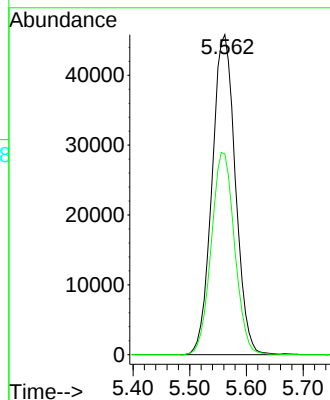


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

Instrument :
MSVOA_X
ClientSampleId :

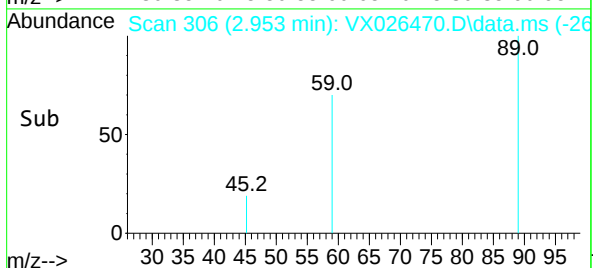
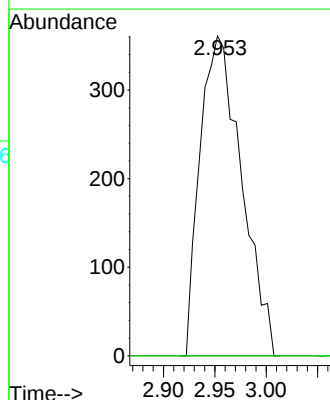
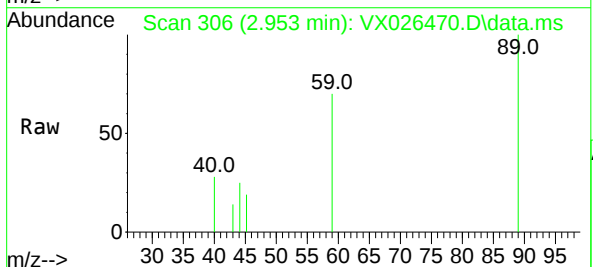


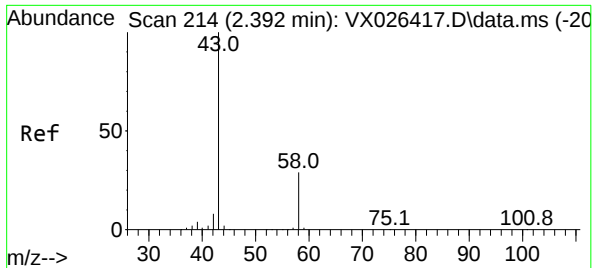
Tgt Ion:168 Resp: 130933
Ion Ratio Lower Upper
168 100
99 62.7 50.3 75.5



#11
Tert butyl alcohol
Concen: 3.989 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

Tgt Ion: 59 Resp: 1015
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

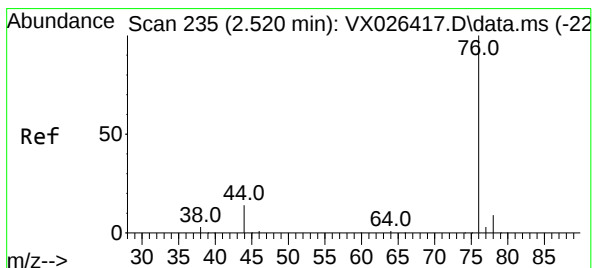
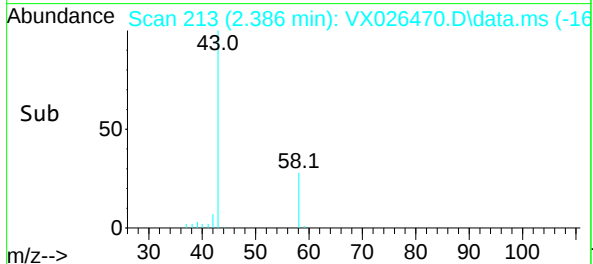
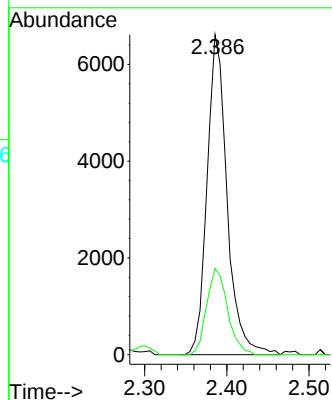
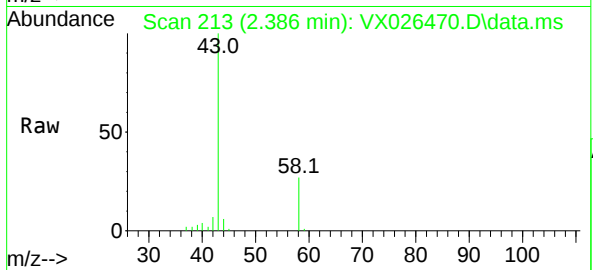




#16
Acetone
Concen: 11.992 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

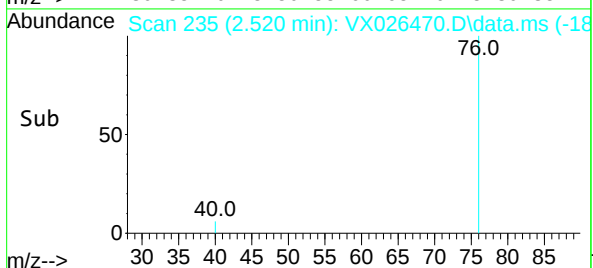
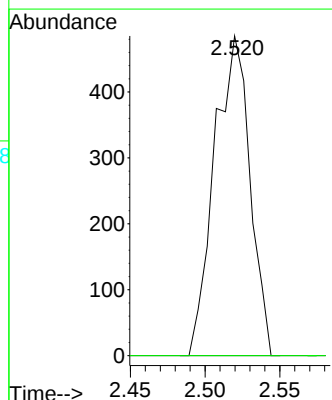
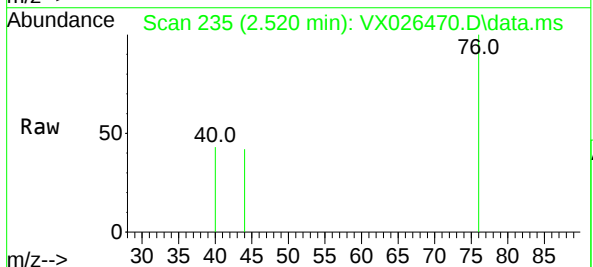
Instrument :
MSVOA_X
ClientSampleId :

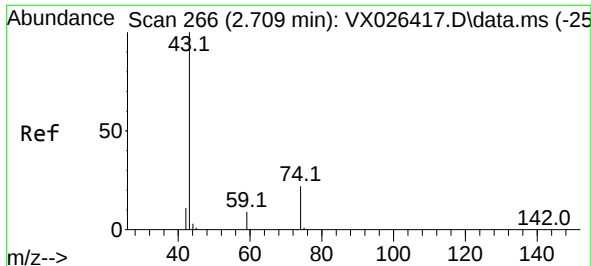
Tgt Ion: 43 Resp: 11185
Ion Ratio Lower Upper
43 100
58 26.9 23.0 34.6



#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

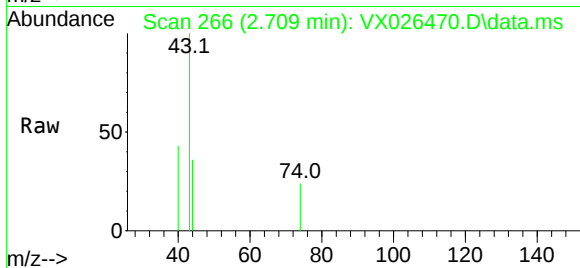
Tgt Ion: 76 Resp: 802
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



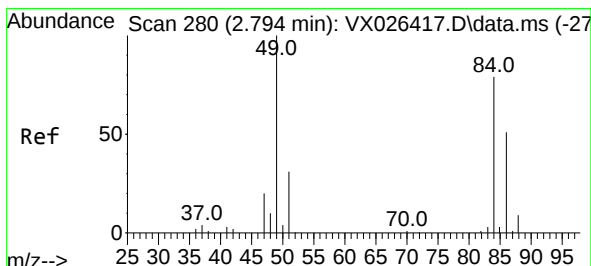
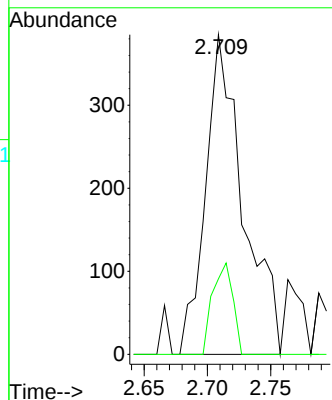
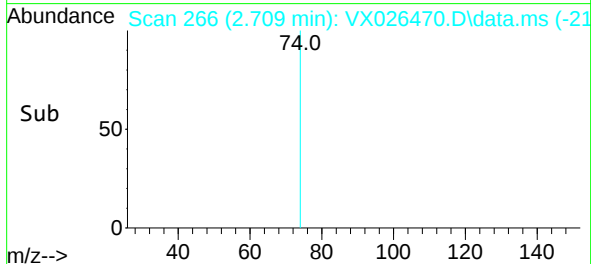


#18
Methyl Acetate
Concen: 0.429 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

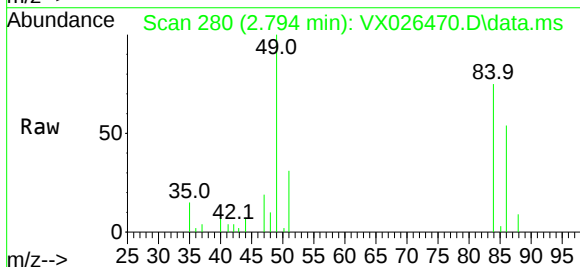
Instrument :
MSVOA_X
ClientSampleId :



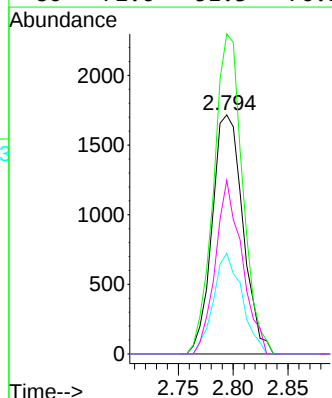
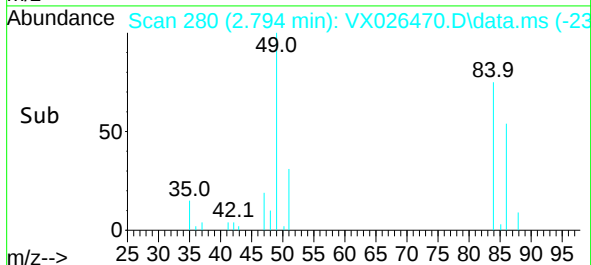
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
74 15.3 18.3 27.5#

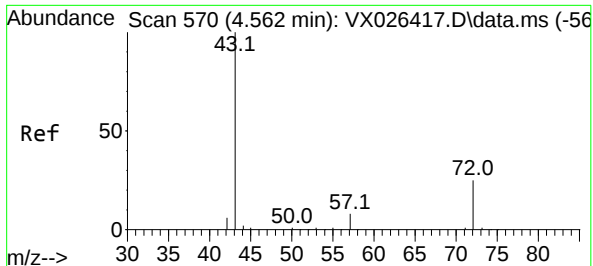


#20
Methylene Chloride
Concen: 2.171 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09



Tgt Ion: 84 Resp: 3346
Ion Ratio Lower Upper
84 100
49 133.8 101.5 152.3
51 42.1 31.2 46.8
86 72.6 51.3 76.9

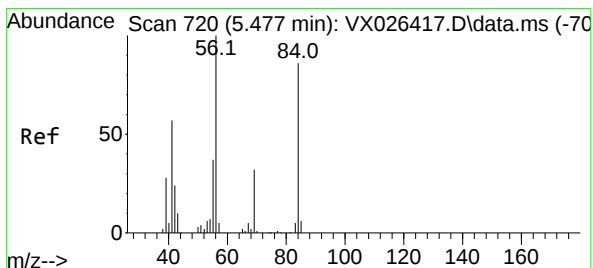
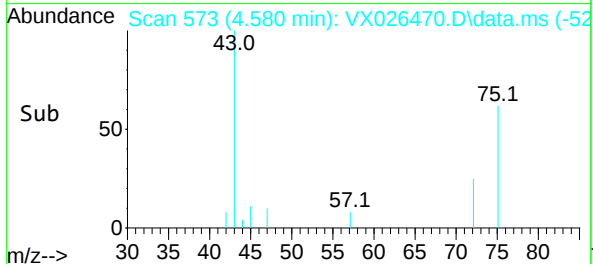
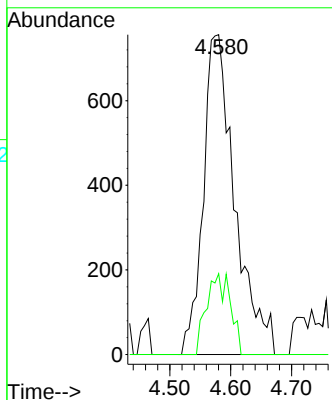
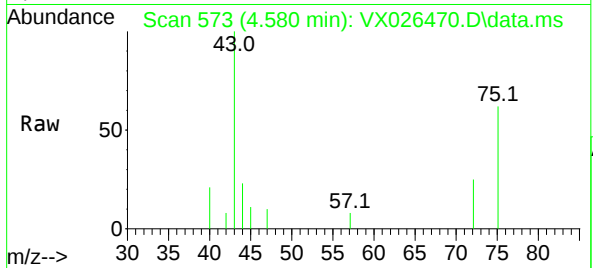




#25
2-Butanone
Concen: 2.244 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

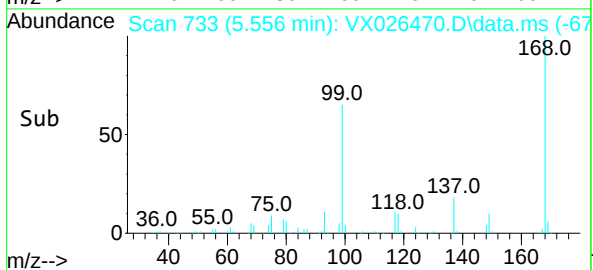
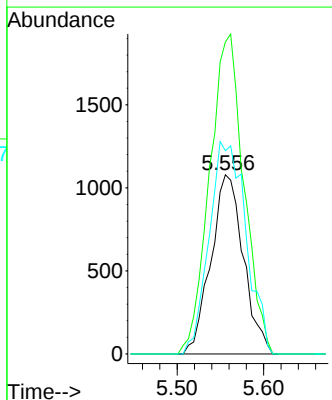
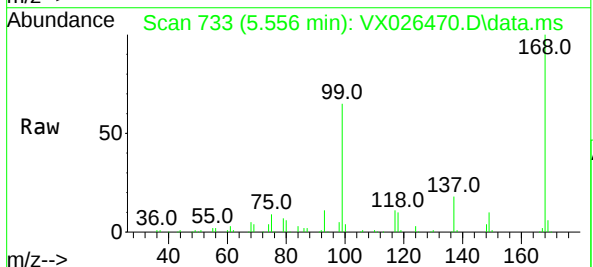
Instrument :
MSVOA_X
ClientSampleId :

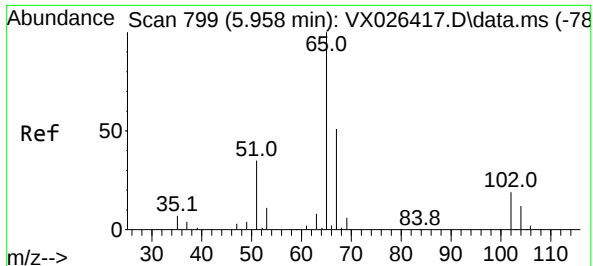
Tgt Ion: 43 Resp: 2722
Ion Ratio Lower Upper
43 100
72 25.3 20.4 30.6



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

Tgt Ion: 56 Resp: 2810
Ion Ratio Lower Upper
56 100
69 174.1 25.8 38.6#
84 113.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.632 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026470.D

Acq: 14 Jan 2022 22:09

Instrument :

MSVOA_X

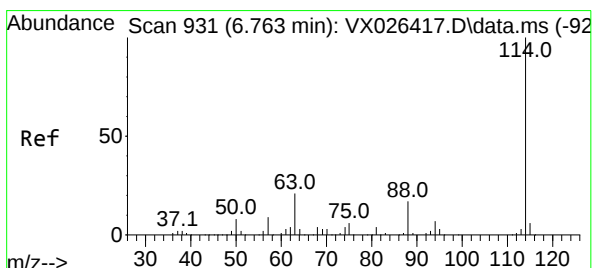
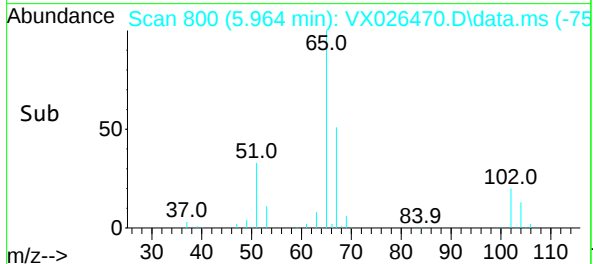
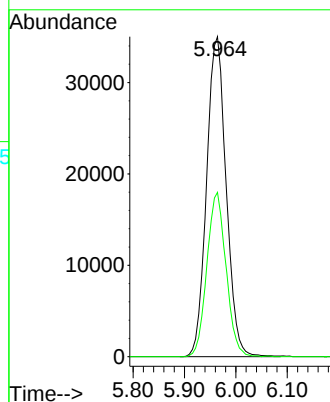
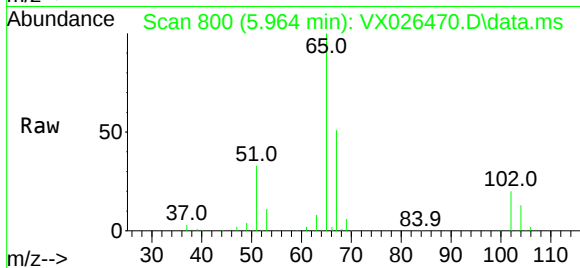
ClientSampleId :

Tgt Ion: 65 Resp: 92608

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026470.D

Acq: 14 Jan 2022 22:09

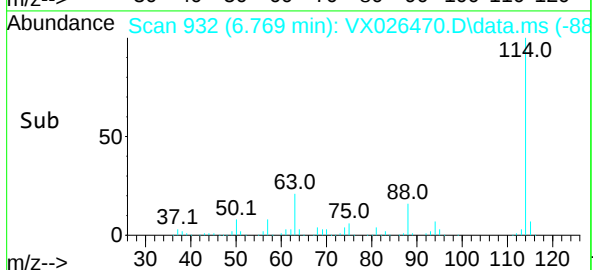
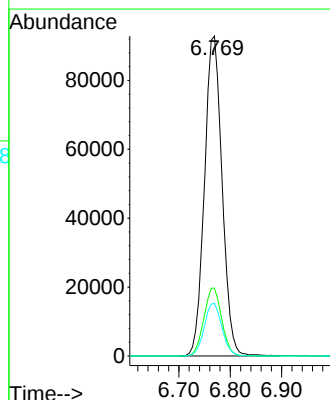
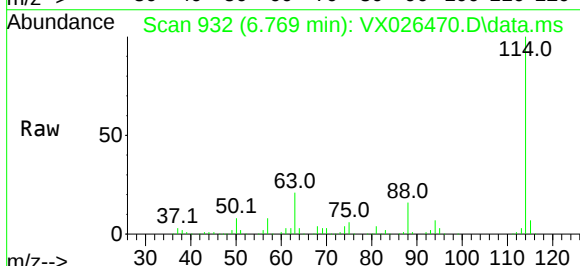
Tgt Ion: 114 Resp: 221181

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.680 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

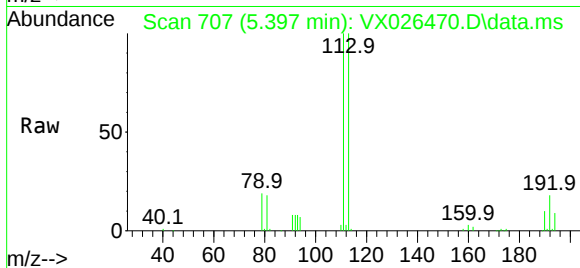
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Acq: 14 Jan 2022 22:09

Instrument :

MSVOA_X

ClientSampleId :



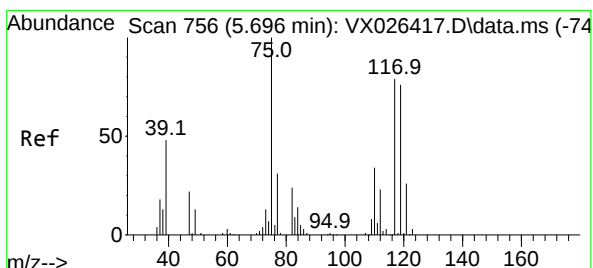
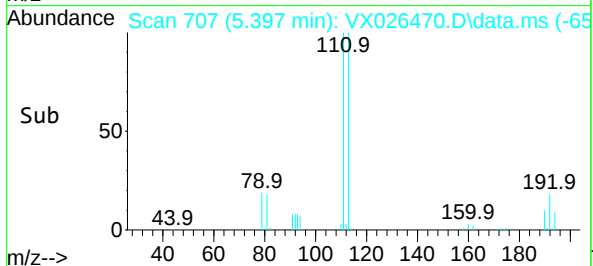
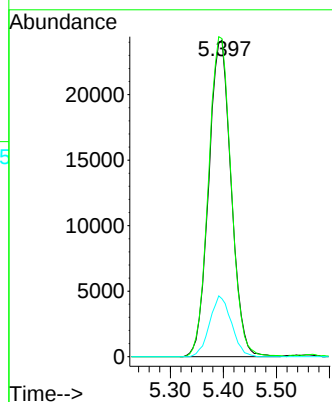
Tgt Ion:113 Resp: 70959

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.686 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026470.D

Acq: 14 Jan 2022 22:09

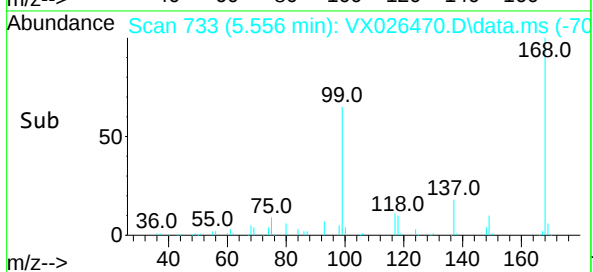
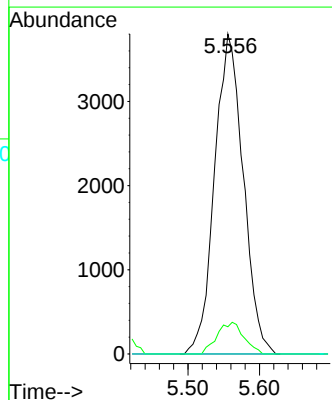
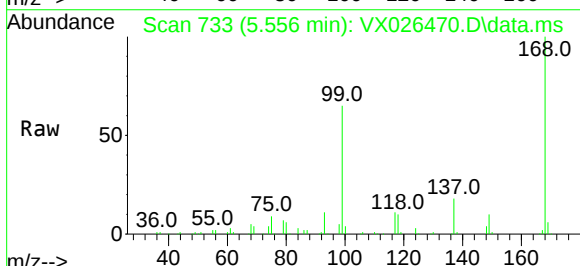
Tgt Ion: 75 Resp: 10565

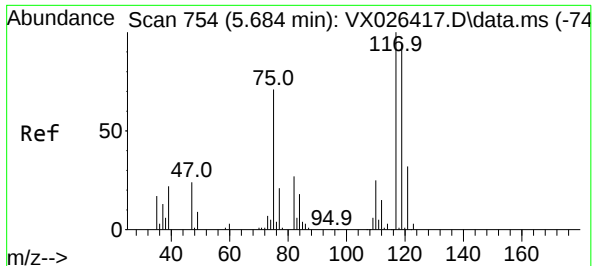
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

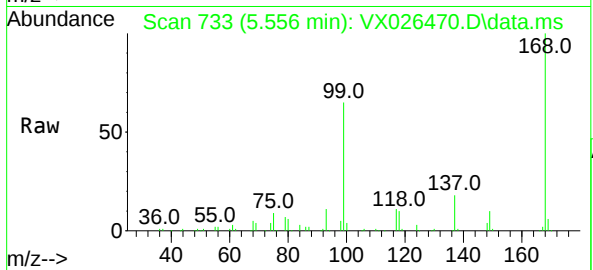
77 0.0 24.6 36.8#



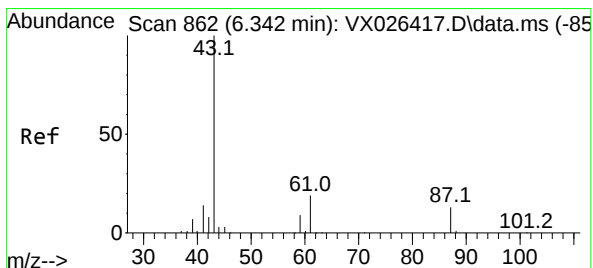
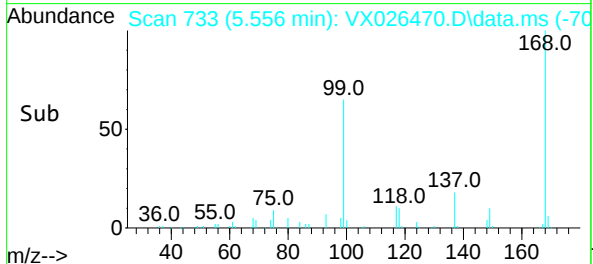
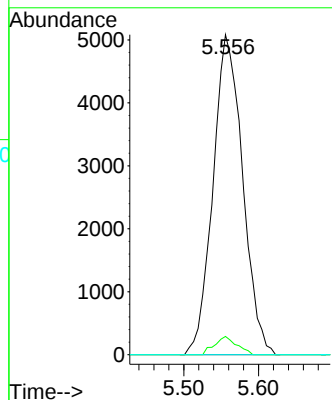


#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

Instrument :
MSVOA_X
ClientSampleId :

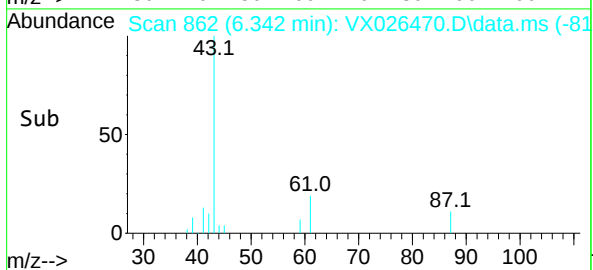
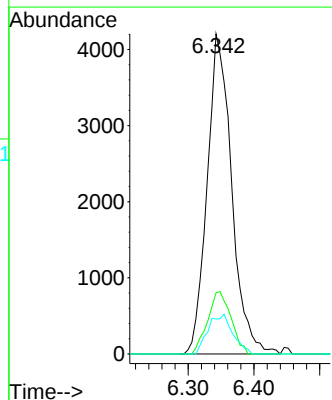
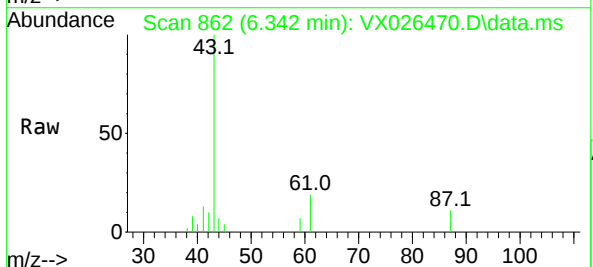


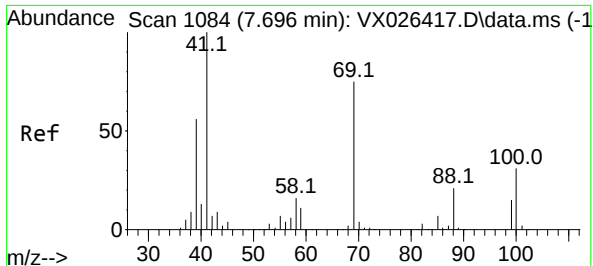
Tgt Ion:117 Resp: 14017
Ion Ratio Lower Upper
117 100
119 5.7 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 2.959 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

Tgt Ion: 43 Resp: 10901
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.0
87 12.5 10.2 15.2





#48

Methyl methacrylate

Concen: 29.439 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026470.D

Acq: 14 Jan 2022 22:09

Instrument :

MSVOA_X

ClientSampleId :

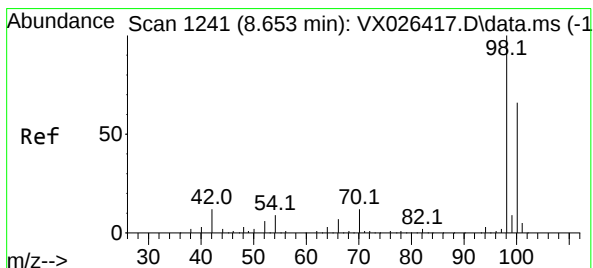
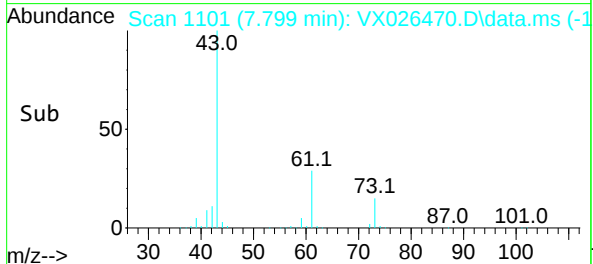
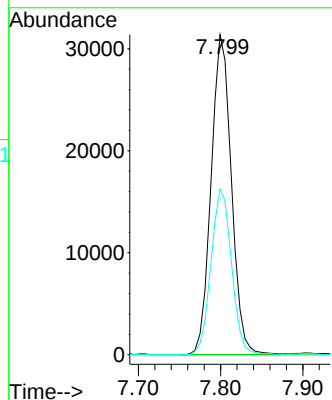
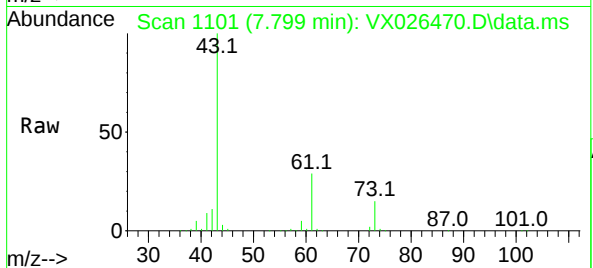
Tgt Ion: 41 Resp: 53753

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 52.7 45.4 68.0



#50

Toluene-d8

Concen: 50.107 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026470.D

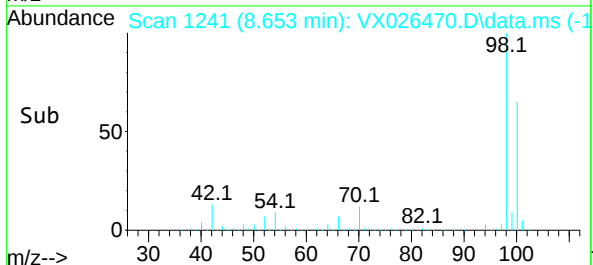
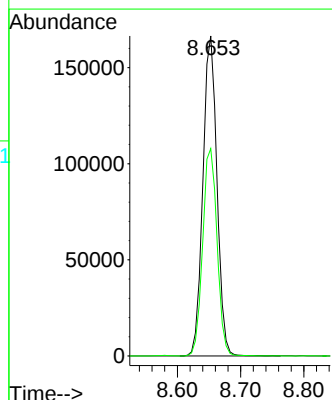
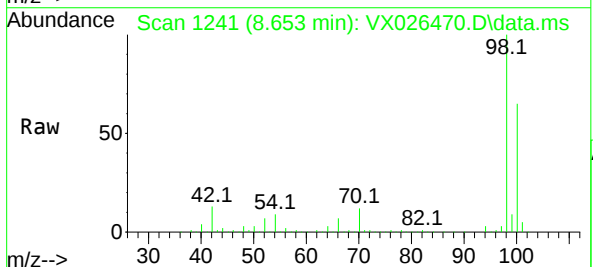
Acq: 14 Jan 2022 22:09

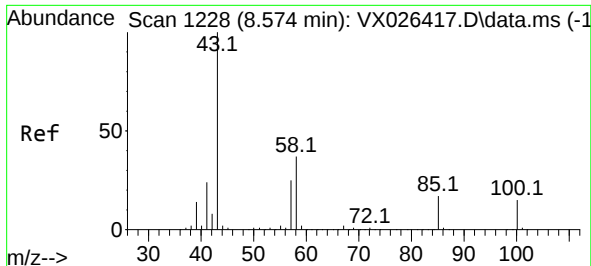
Tgt Ion: 98 Resp: 257902

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 17.739 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX026470.D

Acq: 14 Jan 2022 22:09

Instrument :

MSVOA_X

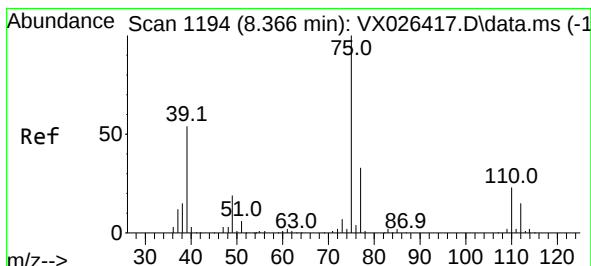
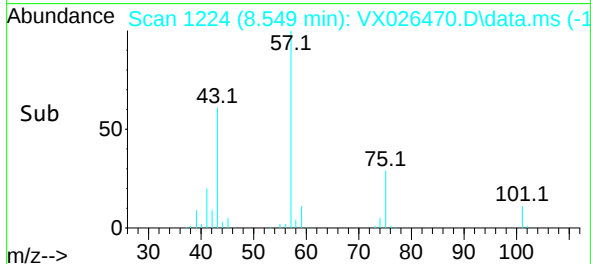
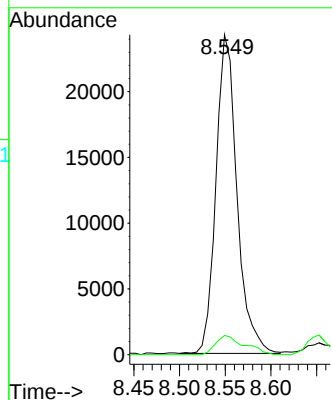
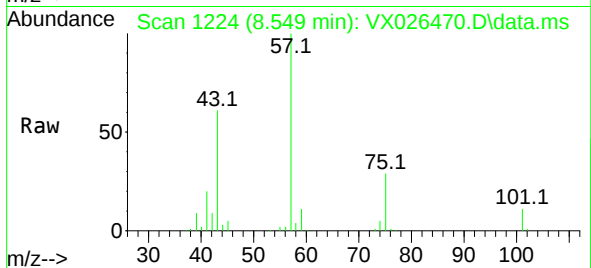
ClientSampleId :

Tgt Ion: 43 Resp: 38767

Ion Ratio Lower Upper

43 100

58 8.3 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 7.303 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX026470.D

Acq: 14 Jan 2022 22:09

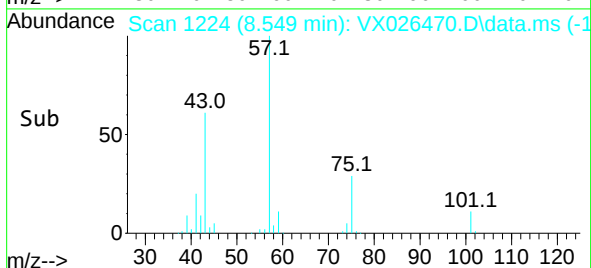
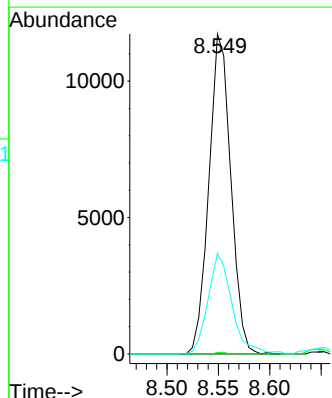
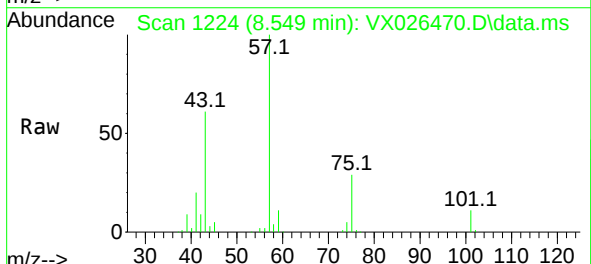
Tgt Ion: 75 Resp: 17380

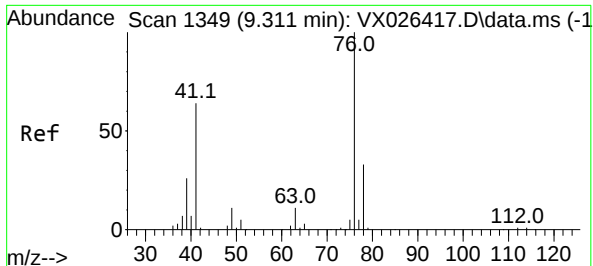
Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 31.5 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 3.808 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026470.D

Acq: 14 Jan 2022 22:09

Instrument :

MSVOA_X

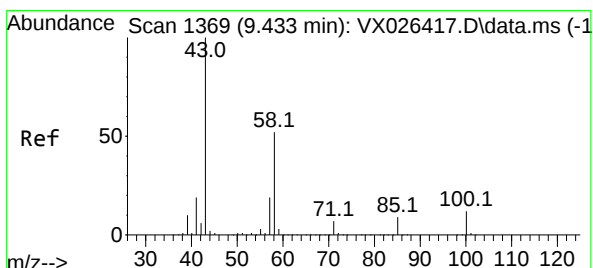
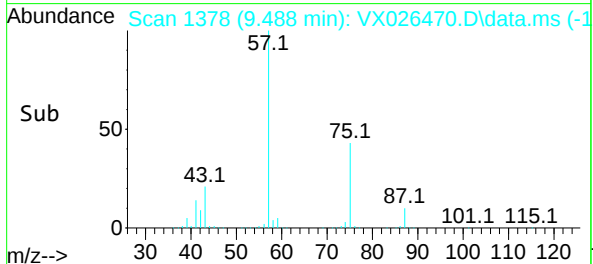
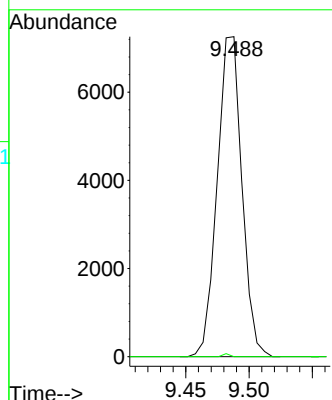
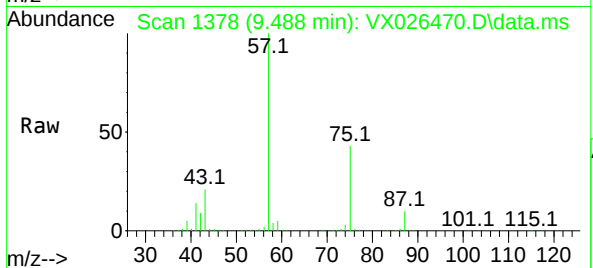
ClientSampleId :

Tgt Ion: 76 Resp: 9846

Ion Ratio Lower Upper

76 100

78 0.3 25.7 38.5#



#59

2-Hexanone

Concen: 84.765 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026470.D

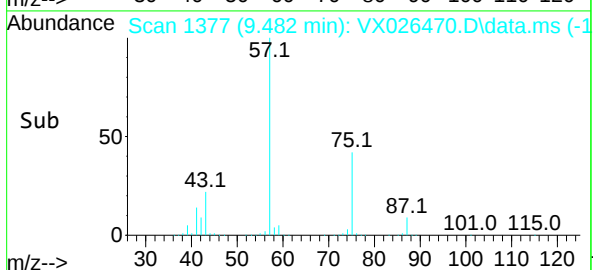
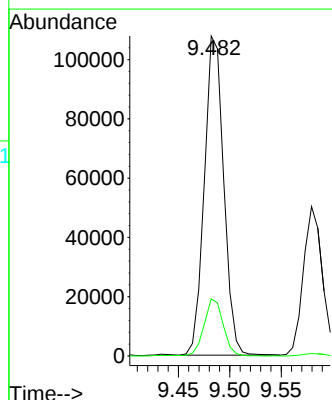
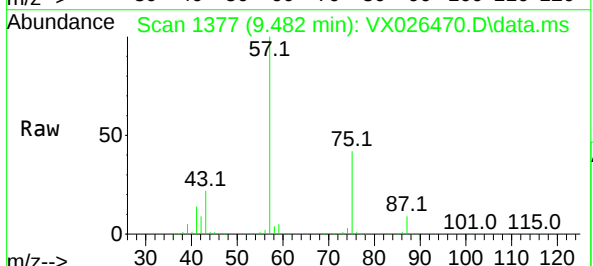
Acq: 14 Jan 2022 22:09

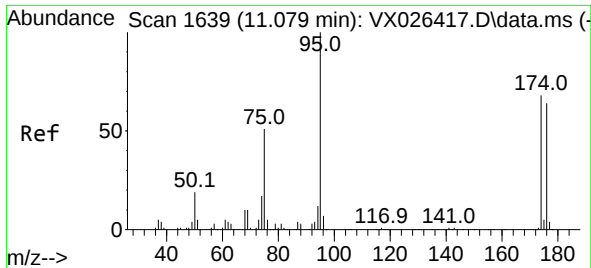
Tgt Ion: 43 Resp: 141781

Ion Ratio Lower Upper

43 100

58 17.9 26.4 79.2#

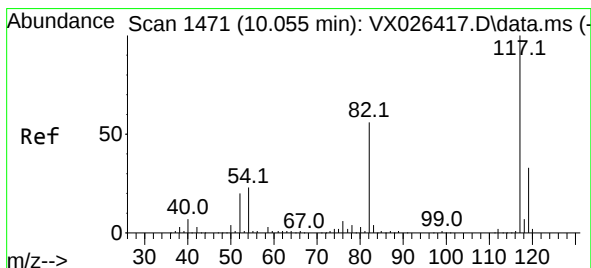
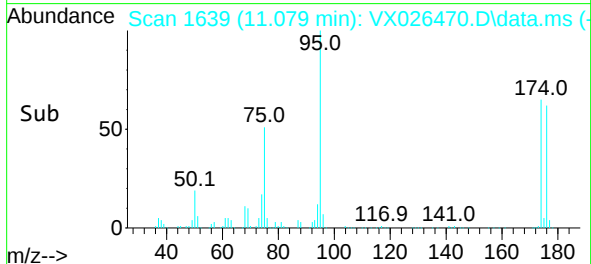
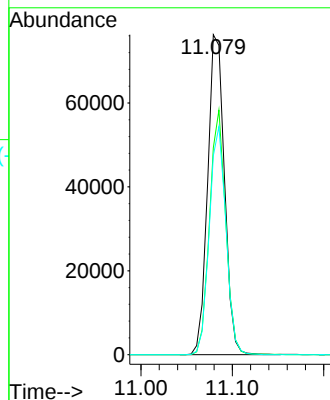
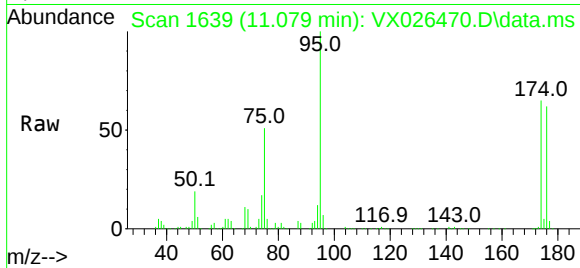




#62
4-Bromofluorobenzene
Concen: 53.239 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

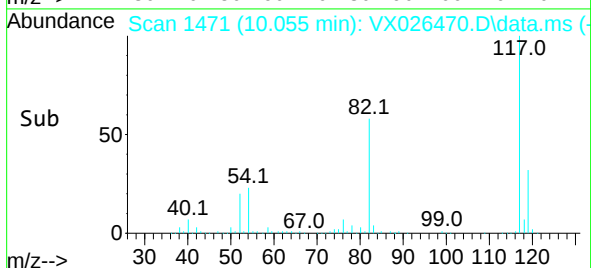
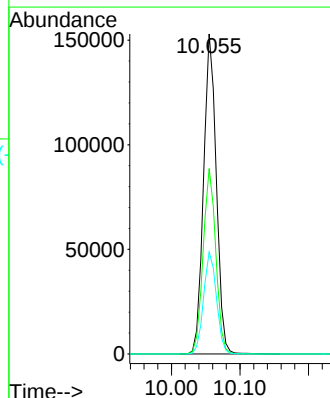
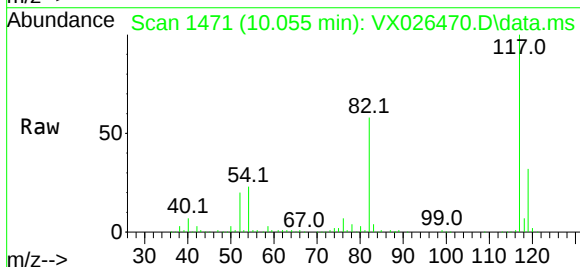
Instrument :
MSVOA_X
ClientSampleId :

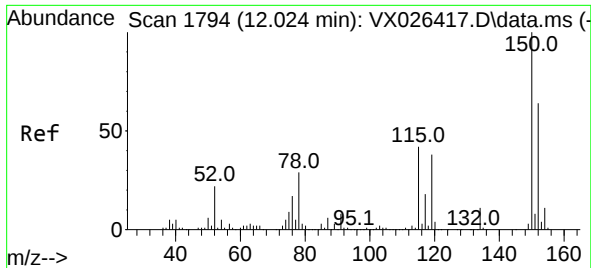
Tgt Ion: 95 Resp: 97343
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.6
176 70.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

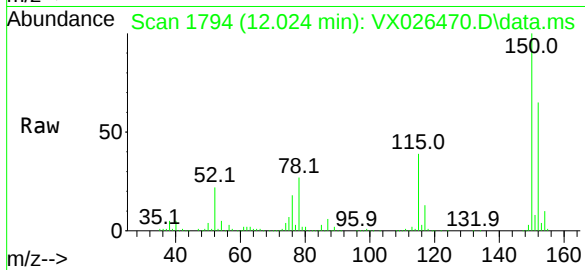
Tgt Ion: 117 Resp: 198186
Ion Ratio Lower Upper
117 100
82 58.0 45.2 67.8
119 31.9 26.2 39.2



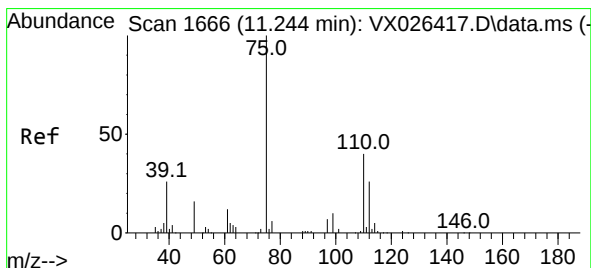
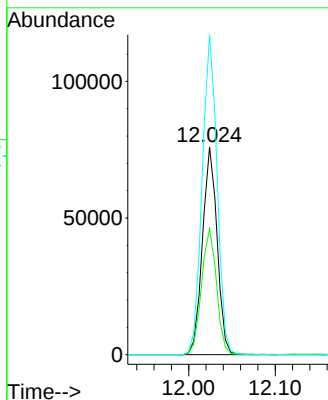
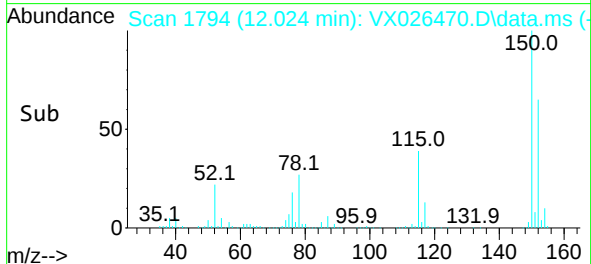


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026470.D
 Acq: 14 Jan 2022 22:09

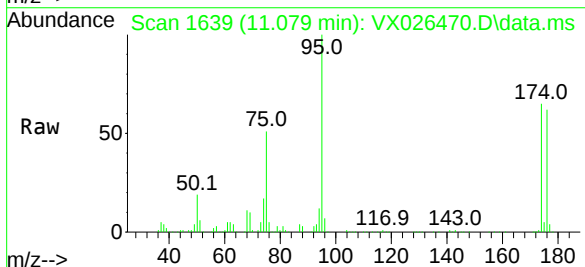
Instrument :
 MSVOA_X
 ClientSampleId :



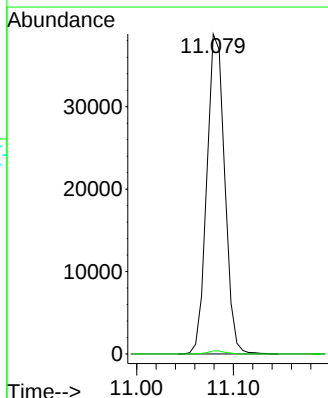
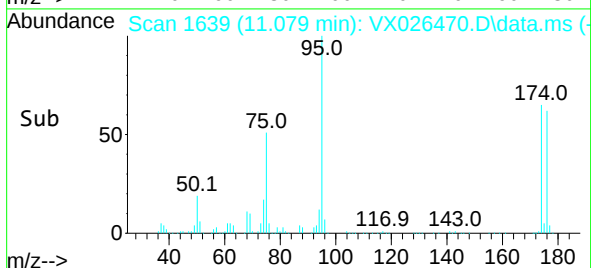
Tgt Ion:152 Resp: 89348
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.2 132.6
 150 156.7 0.0 348.2

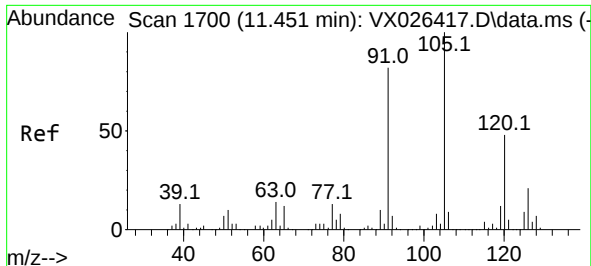


#76
 1,2,3-Trichloropropane
 Concen: 25.362 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026470.D
 Acq: 14 Jan 2022 22:09



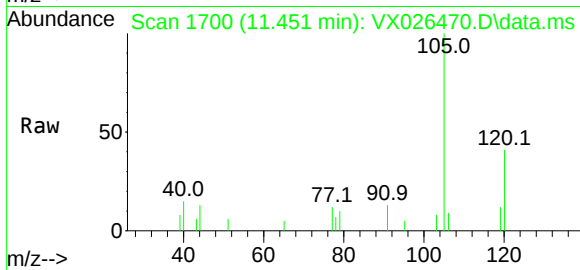
Tgt Ion: 75 Resp: 49893
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#



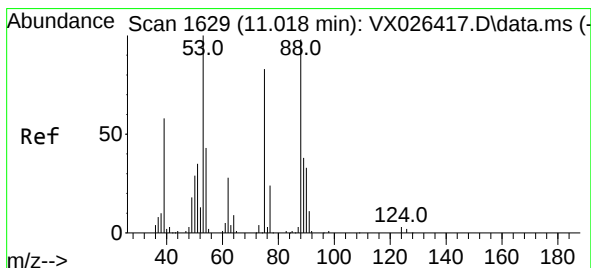
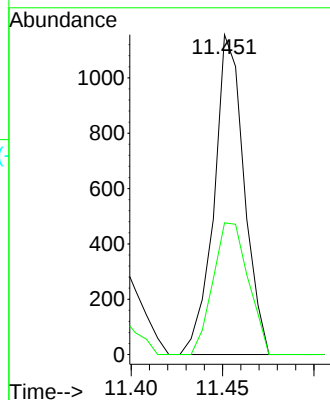
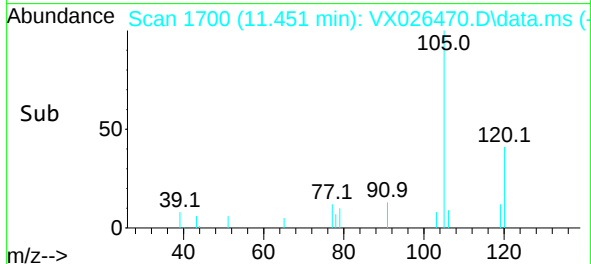


#80
1,3,5-Trimethylbenzene
Concen: 0.219 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

Instrument :
MSVOA_X
ClientSampleId :

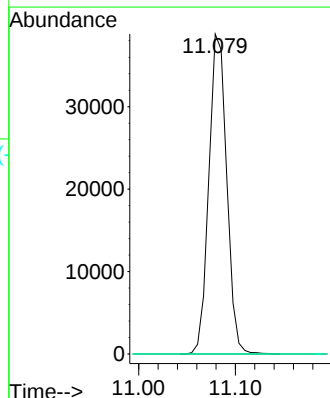
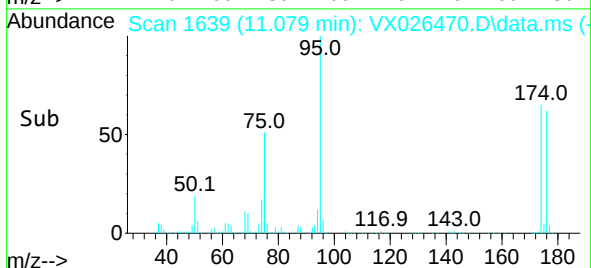
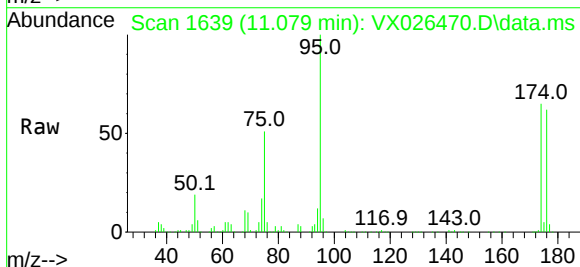


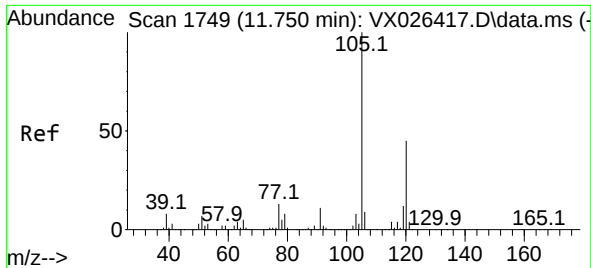
Tgt Ion:105 Resp: 1321
Ion Ratio Lower Upper
105 100
120 48.3 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 77.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026470.D
Acq: 14 Jan 2022 22:09

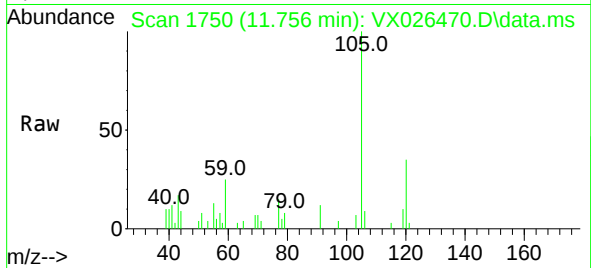
Tgt Ion: 75 Resp: 49893
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.380 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026470.D
 Acq: 14 Jan 2022 22:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 2295
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.5

