

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009675.D
 Acq On : 25 Jul 2022 10:37
 Operator : KP/MD
 Sample : VY0725SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBL01

Quant Time: Jul 26 05:54:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

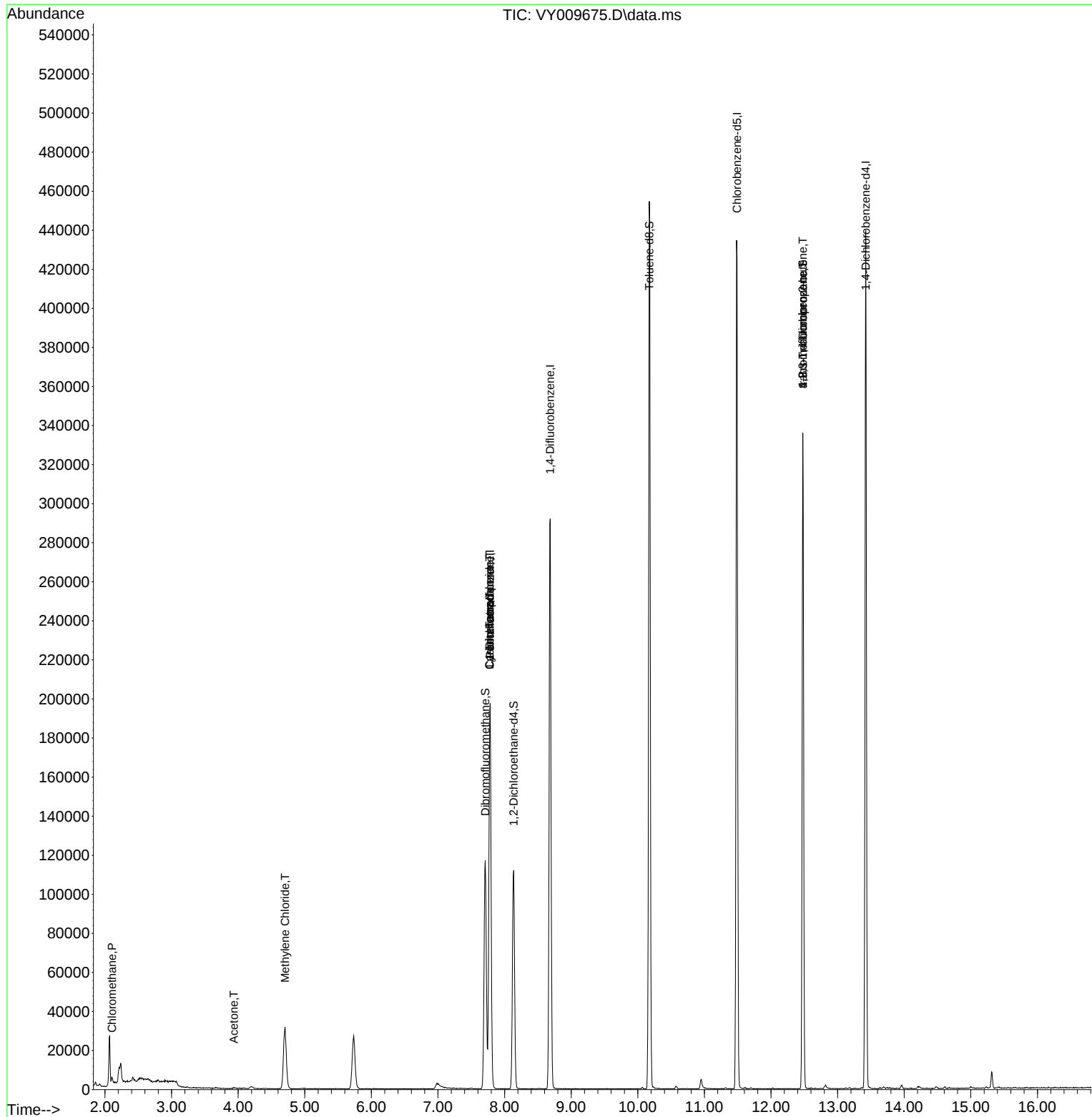
Internal Standards						
1) Pentafluorobenzene	7.783	168	166332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88208	56.073	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.140%			
35) Dibromofluoromethane	7.710	113	83648	50.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.880%			
50) Toluene-d8	10.173	98	306850	48.131	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 96.260%			
62) 4-Bromofluorobenzene	12.477	95	95708	46.330	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 92.660%			
Target Compounds						
3) Chloromethane	2.107	50	2599	1.202	ug/l	95
11) Tert butyl alcohol	4.936	59	162	Below Cal	#	77
16) Acetone	3.936	43	871	2.189	ug/l #	76
20) Methylene Chloride	4.704	84	24264	2.800	ug/l #	83
31) Cyclohexane	7.777	56	2872	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	11151	4.550	ug/l #	50
38) Carbon Tetrachloride	7.777	117	15228	5.936	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	48079	43.565	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48079	85.902	ug/l #	7

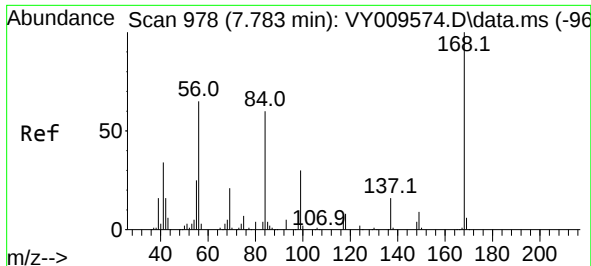
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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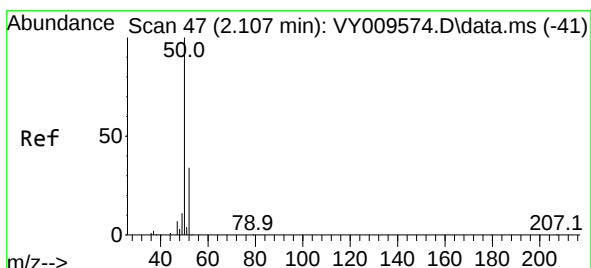
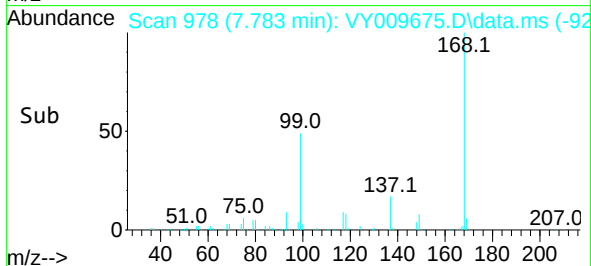
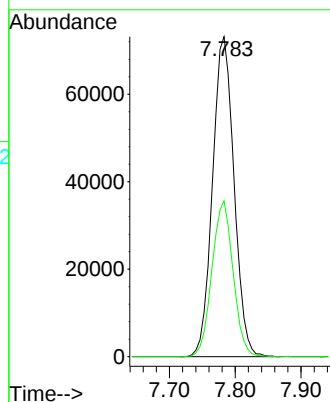
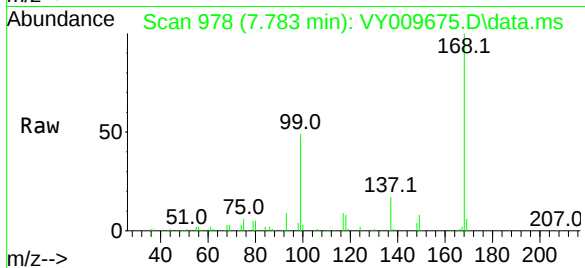




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

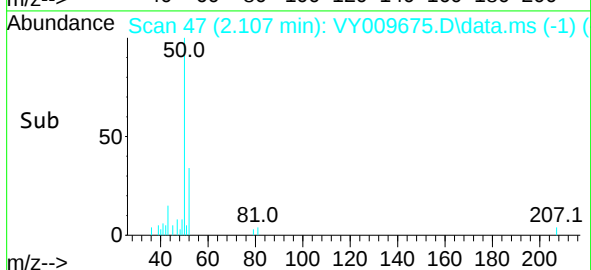
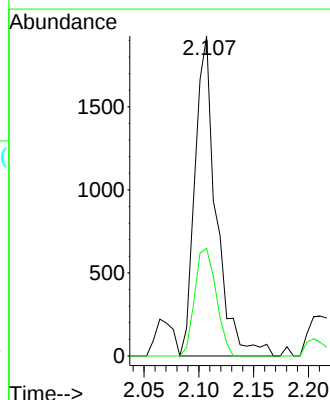
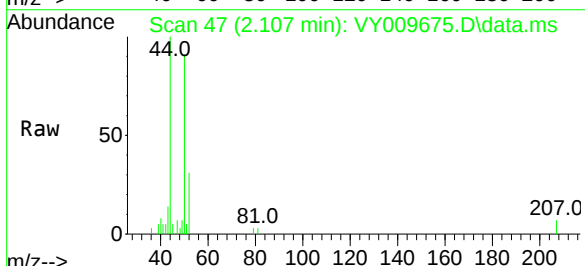
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

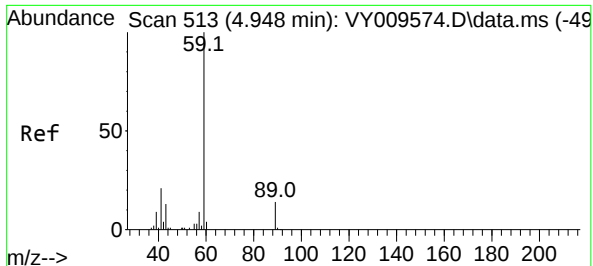
Tgt Ion:168 Resp: 166332
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#3
Chloromethane
Concen: 1.202 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion: 50 Resp: 2599
Ion Ratio Lower Upper
50 100
52 33.6 24.6 37.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY009675.D

Acq: 25 Jul 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

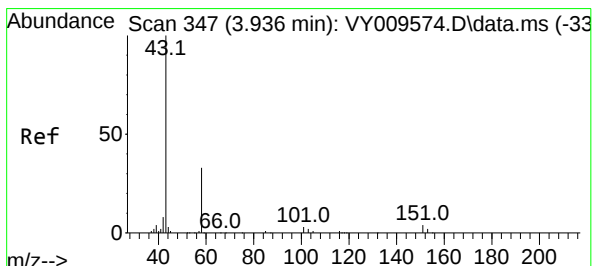
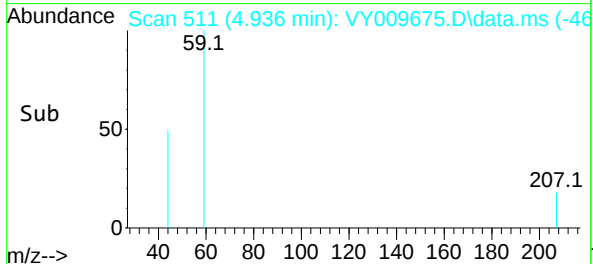
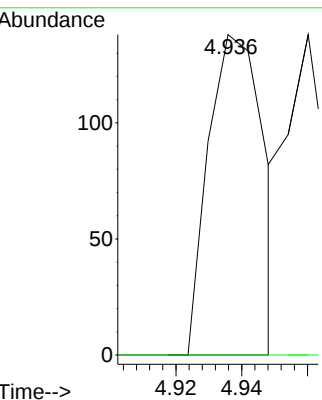
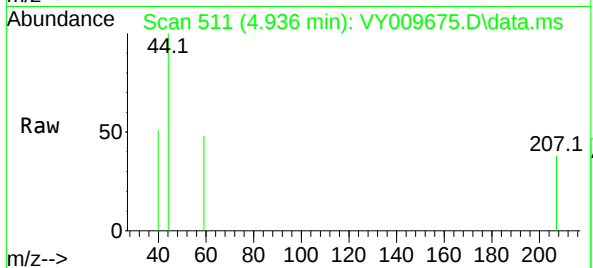
VY0725SBL01

Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.189 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009675.D

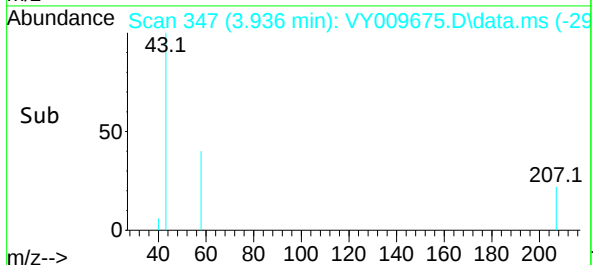
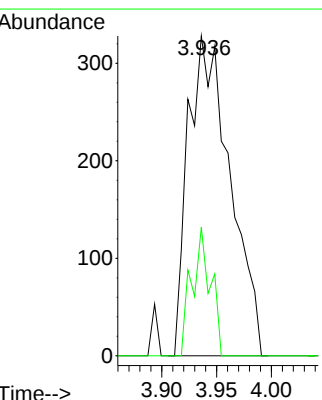
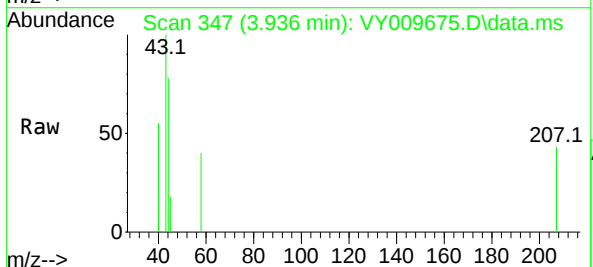
Acq: 25 Jul 2022 10:37

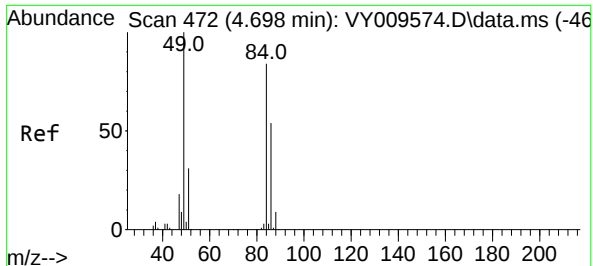
Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

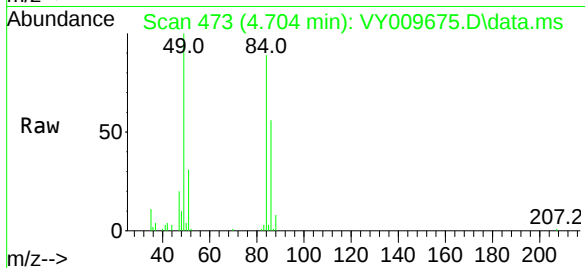
58 40.2 22.0 33.0#





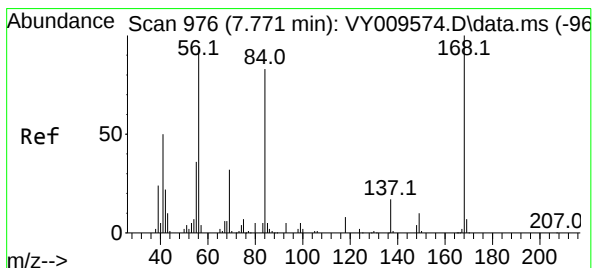
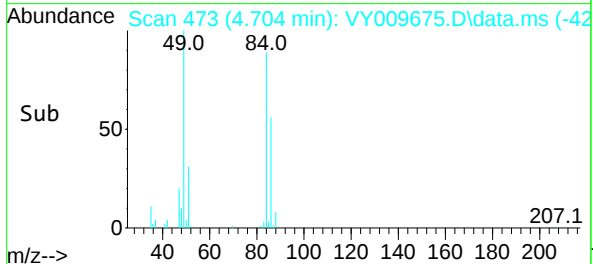
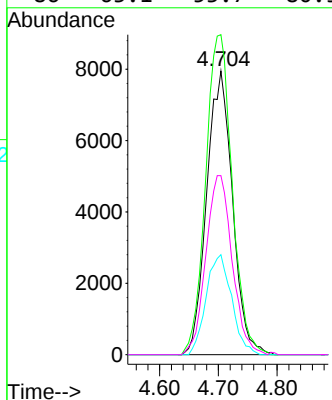
#20
Methylene Chloride
Concen: 2.800 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01



Tgt Ion: 84 Resp: 24264

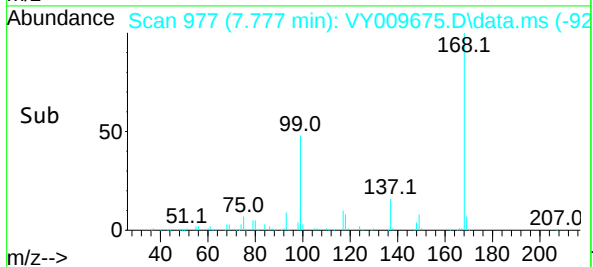
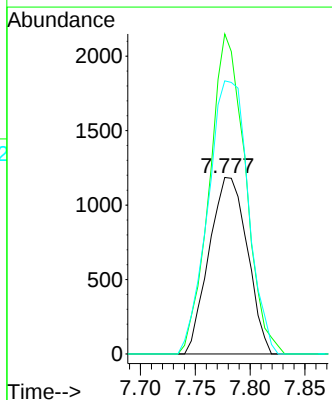
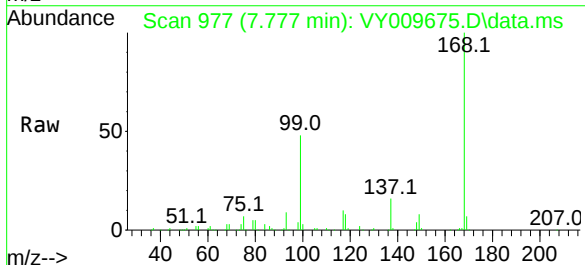
Ion	Ratio	Lower	Upper
84	100		
49	112.8	114.4	171.6#
51	35.3	35.3	52.9#
86	63.1	53.7	80.5

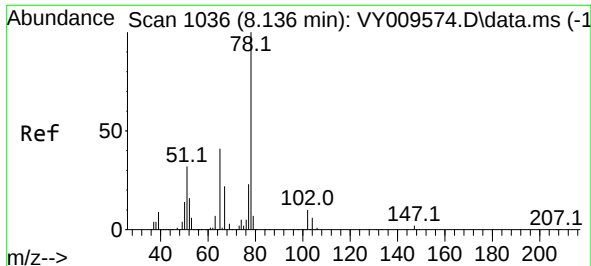


#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion: 56 Resp: 2872

Ion	Ratio	Lower	Upper
56	100		
69	181.4	26.7	40.1#
84	154.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.073 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009675.D

Acq: 25 Jul 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

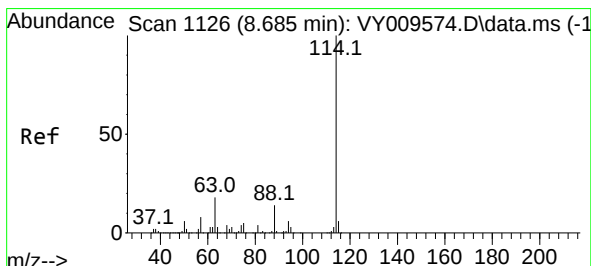
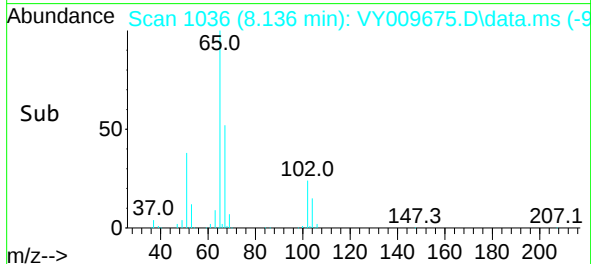
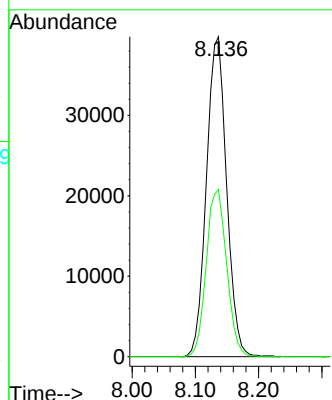
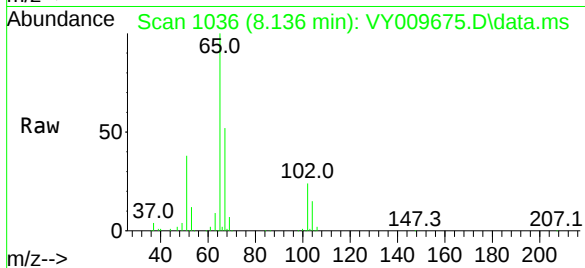
VY0725SBL01

Tgt Ion: 65 Resp: 88208

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009675.D

Acq: 25 Jul 2022 10:37

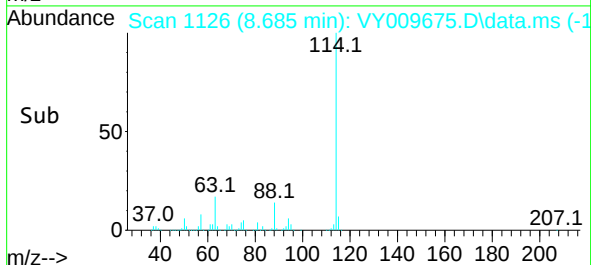
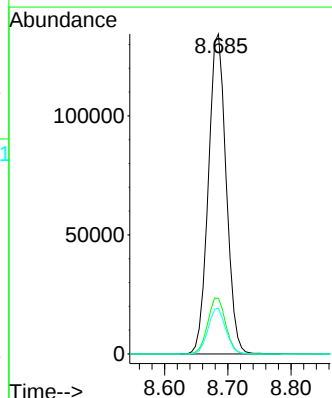
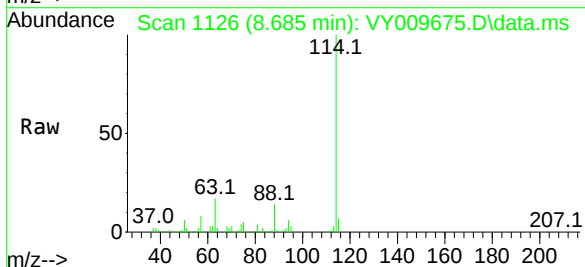
Tgt Ion: 114 Resp: 263235

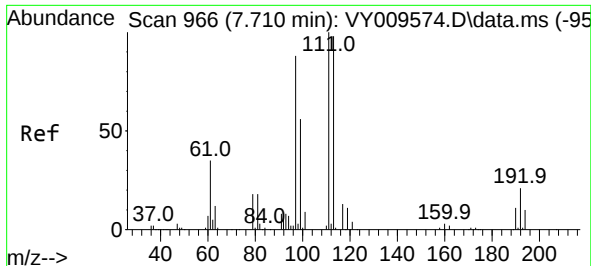
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.4 0.0 31.8

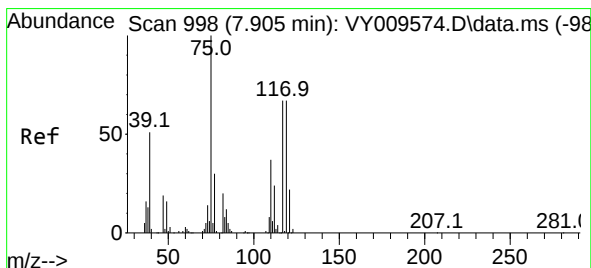
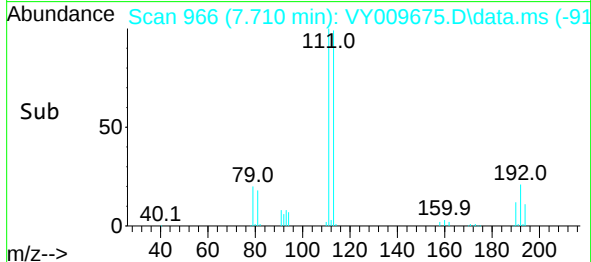
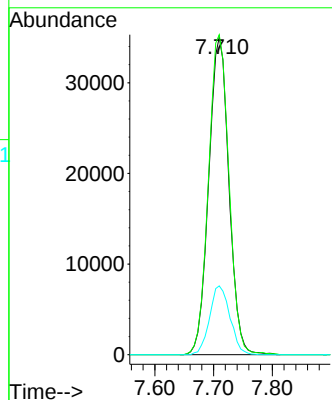
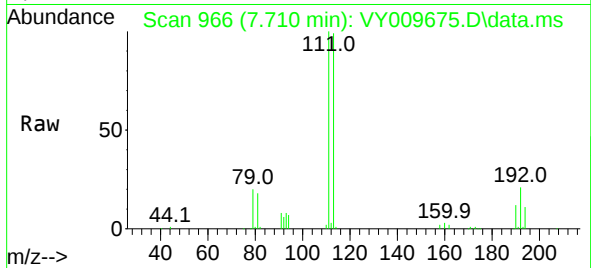




#35
Dibromofluoromethane
Concen: 50.440 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

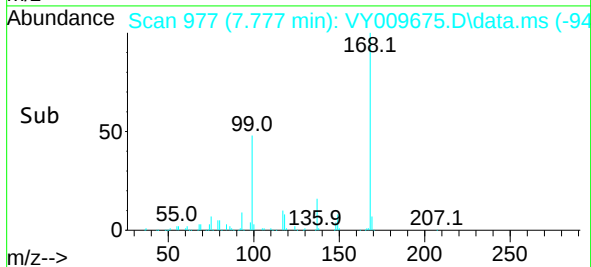
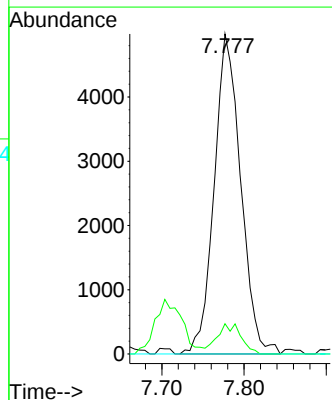
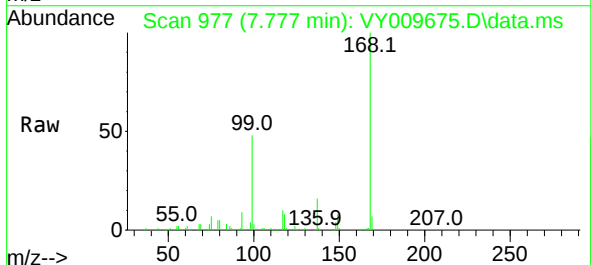
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

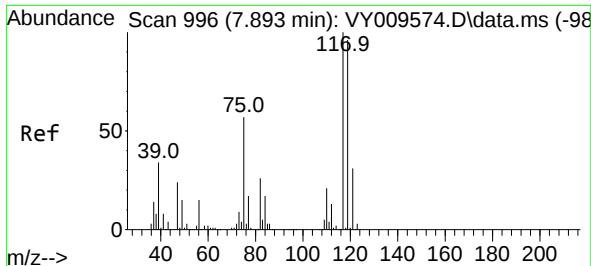
Tgt Ion:113 Resp: 83648
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.550 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion: 75 Resp: 11151
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

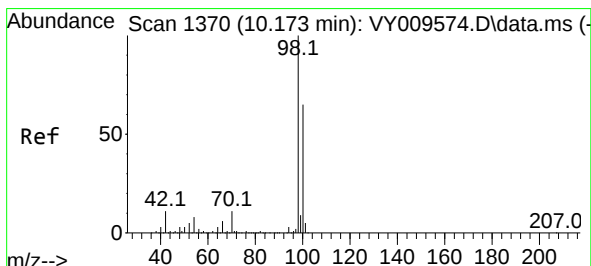
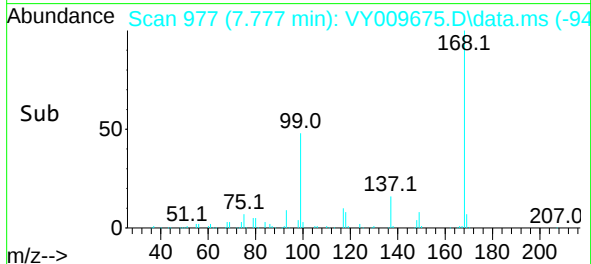
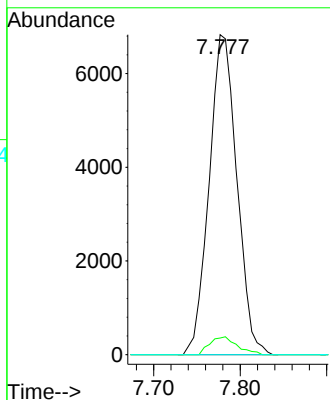
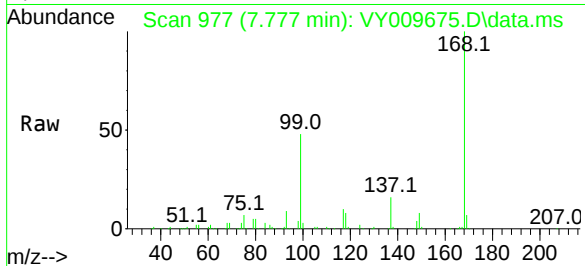




#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

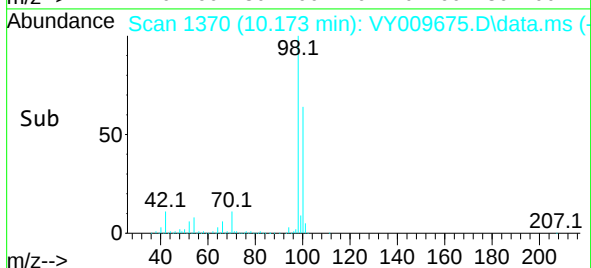
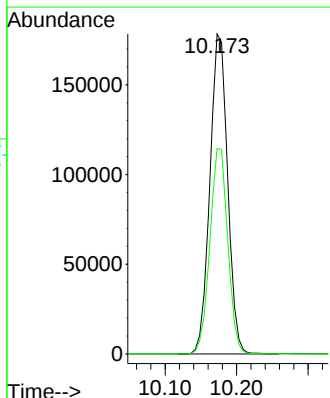
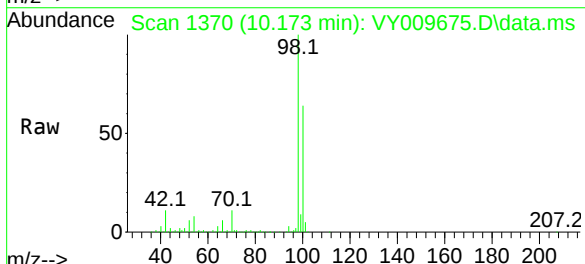
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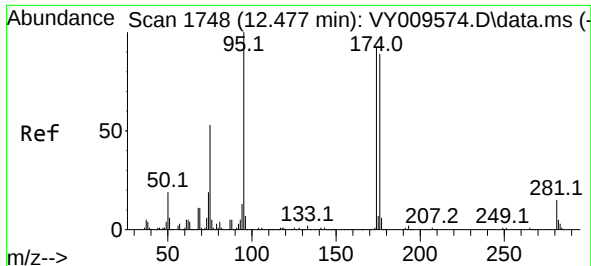
Tgt Ion:117 Resp: 15228
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.131 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion: 98 Resp: 306850
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

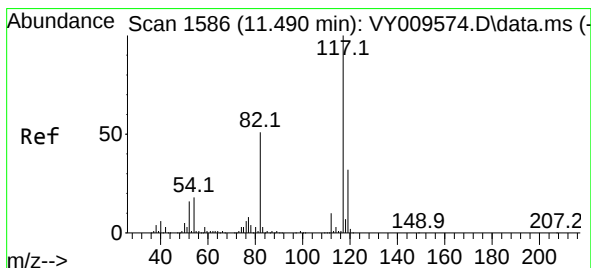
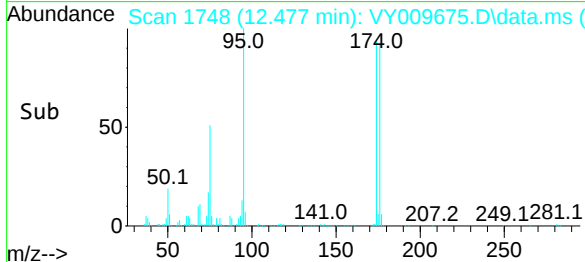
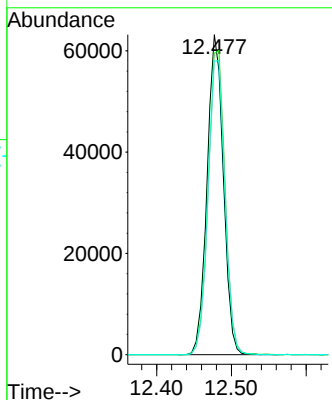
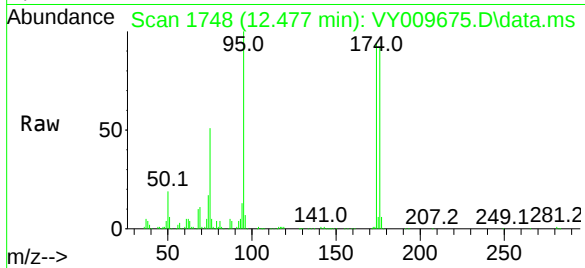




#62
4-Bromofluorobenzene
Concen: 46.330 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

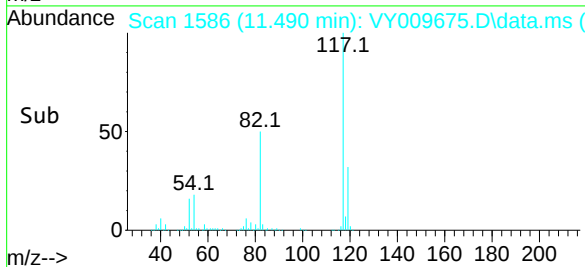
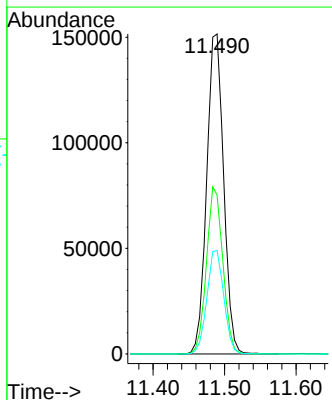
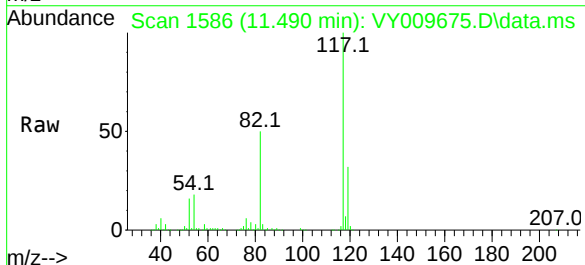
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

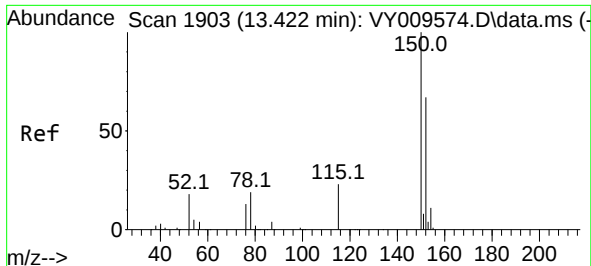
Tgt Ion: 95 Resp: 95708
Ion Ratio Lower Upper
95 100
174 99.1 0.0 177.0
176 95.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion: 117 Resp: 249143
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 32.4 25.4 38.0

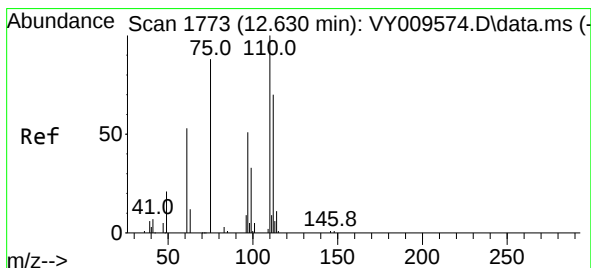
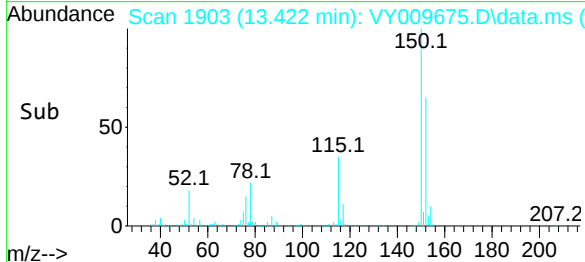
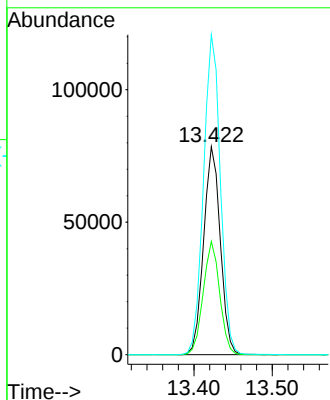
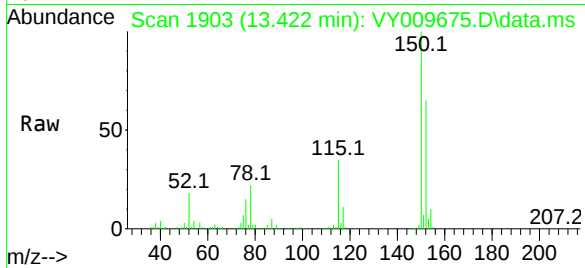




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009675.D
 Acq: 25 Jul 2022 10:37

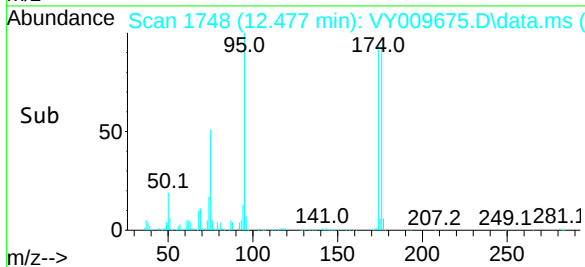
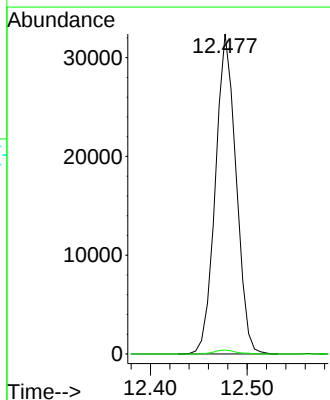
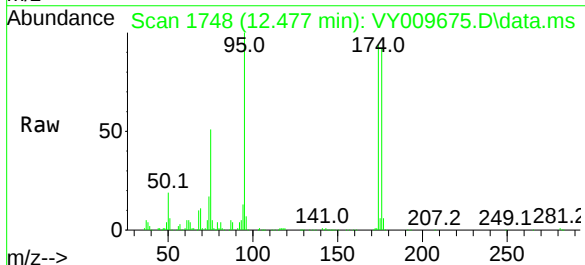
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBL01

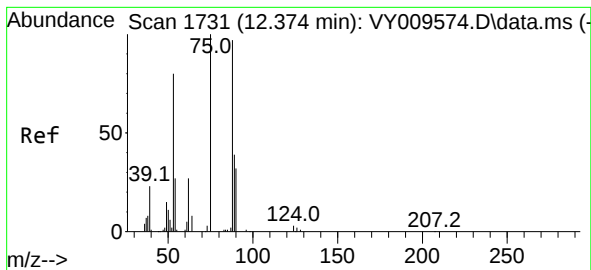
Tgt Ion:152 Resp: 115851
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.565 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009675.D
 Acq: 25 Jul 2022 10:37

Tgt Ion: 75 Resp: 48079
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.902 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009675.D
 Acq: 25 Jul 2022 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBL01

Tgt Ion: 75 Resp: 48079
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

