

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009654.D
 Acq On : 22 Jul 2022 13:00
 Operator : KP/MD
 Sample : N3773-12
 Misc : 6.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)

Quant Time: Jul 23 00:53:07 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)

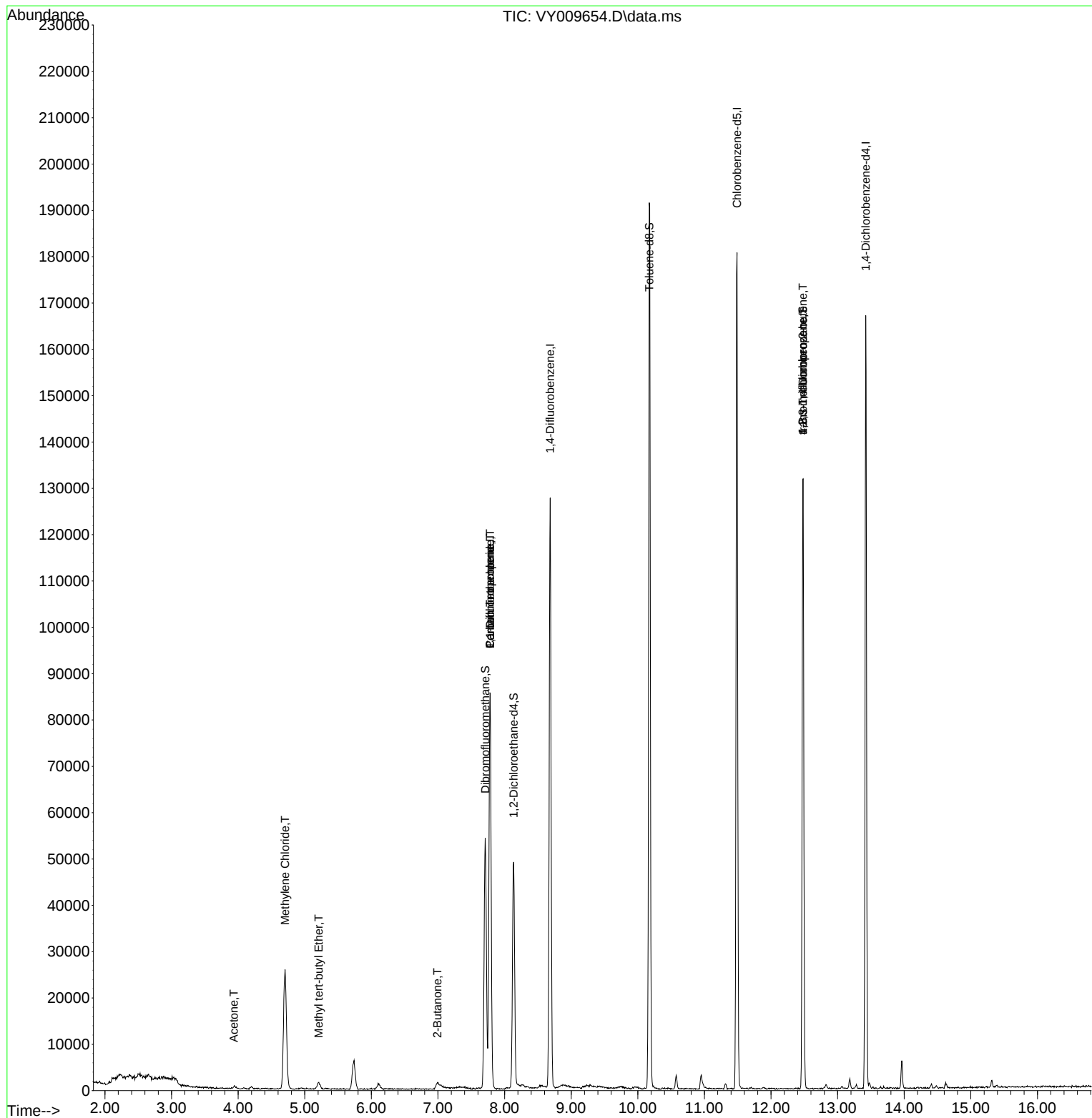
Internal Standards						
1) Pentafluorobenzene	7.783	168	70322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	111400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	106049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37989	57.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.240%	
35) Dibromofluoromethane	7.710	113	38464	54.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.620%	
50) Toluene-d8	10.173	98	130304	48.297	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 96.600%	
62) 4-Bromofluorobenzene	12.477	95	36614	41.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 83.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	444	Below Cal	#	77
16) Acetone	3.936	43	1057	6.283	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	2465	1.446	ug/l	97
20) Methylene Chloride	4.704	84	20366	17.789	ug/l	86
25) 2-Butanone	6.990	43	307	1.251	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	5098	4.916	ug/l #	50
38) Carbon Tetrachloride	7.783	117	6304	5.807	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	18557	43.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18557	85.671	ug/l #	7

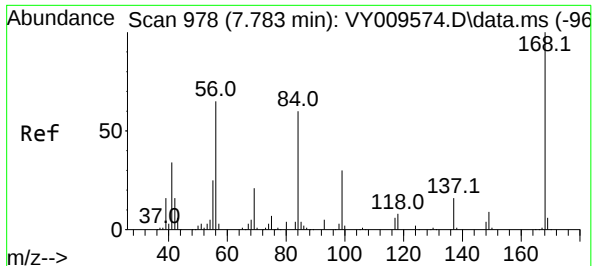
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DL-3(14.5-15)

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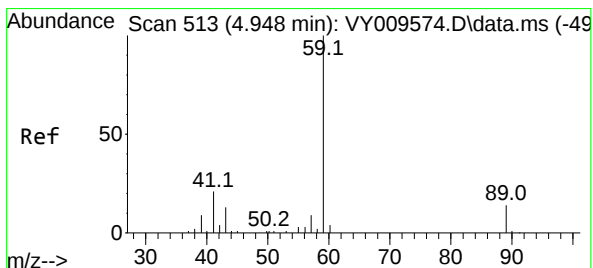
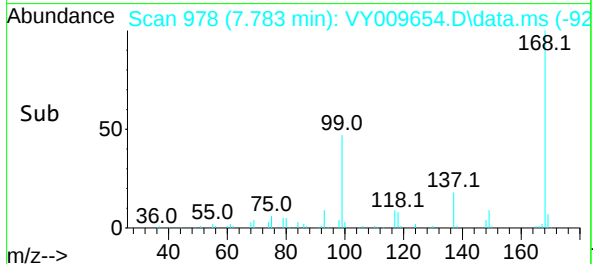
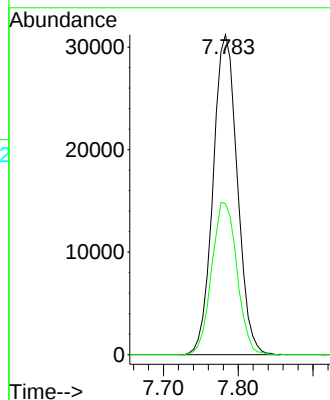
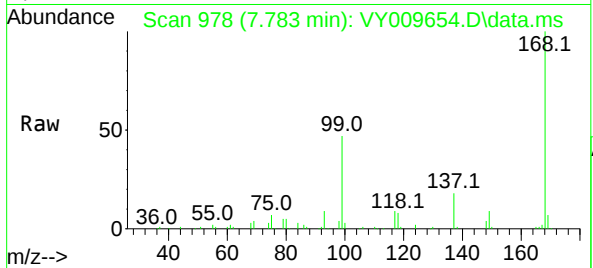




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

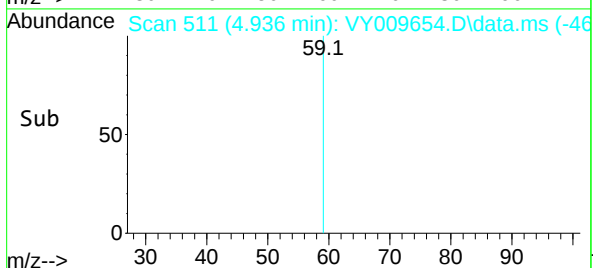
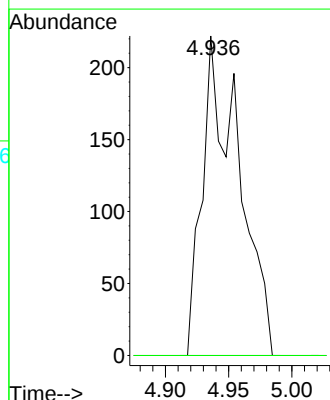
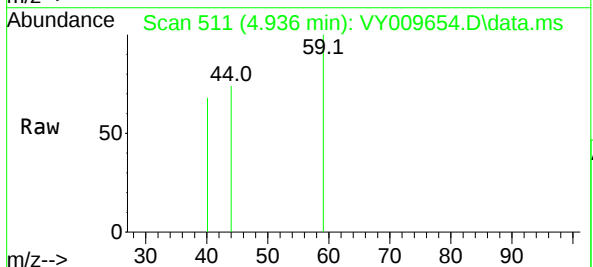
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

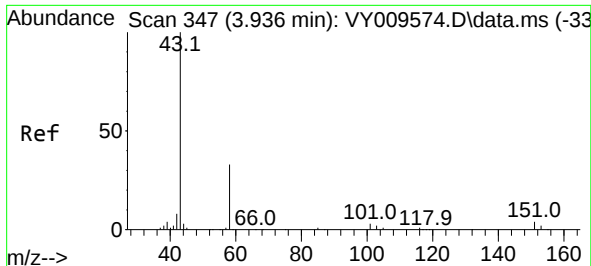
Tgt Ion:168 Resp: 70322
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

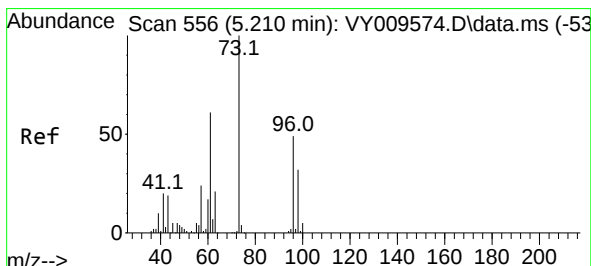
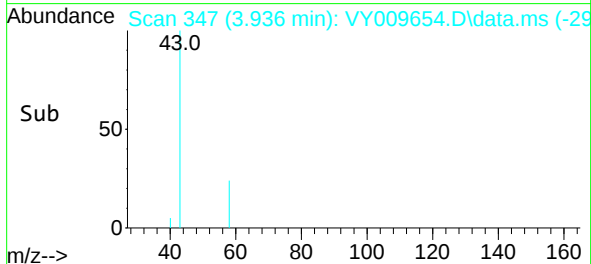
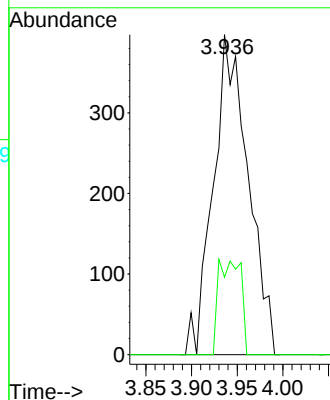
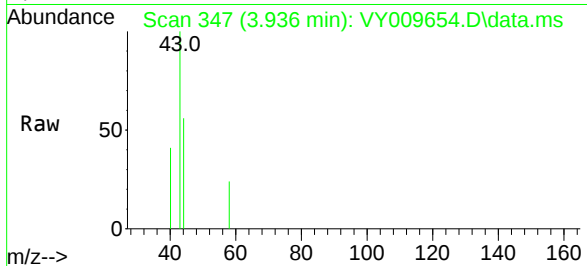




#16
Acetone
Concen: 6.283 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

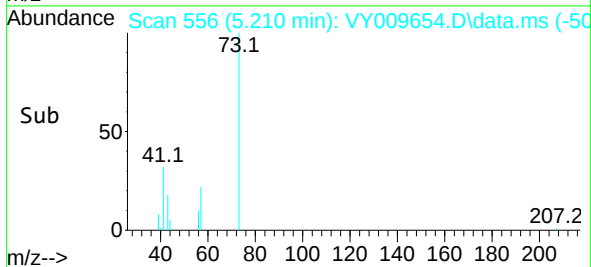
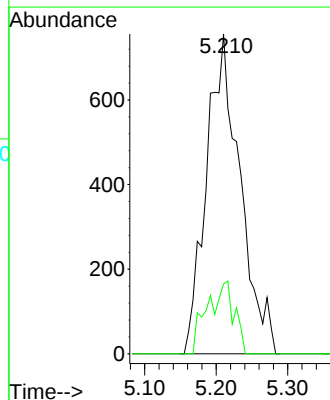
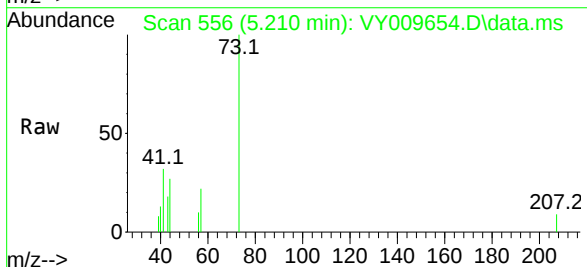
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

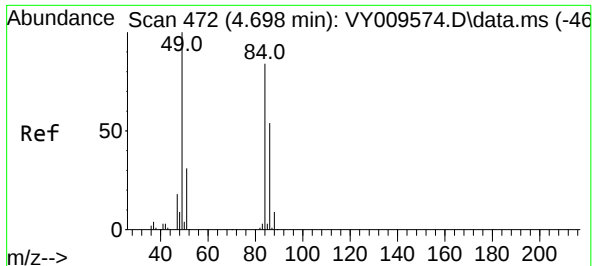
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
58 24.2 22.0 33.0



#19
Methyl tert-butyl Ether
Concen: 1.446 ug/l
RT: 5.210 min Scan# 556
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

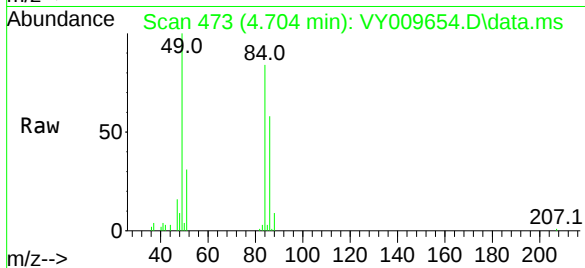
Tgt Ion: 73 Resp: 2465
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8





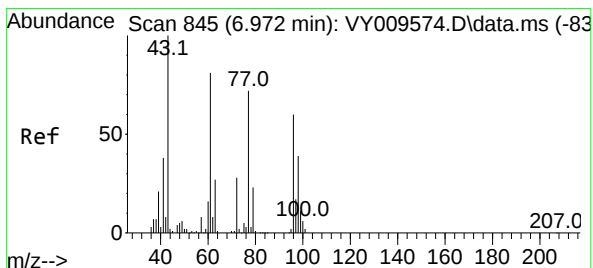
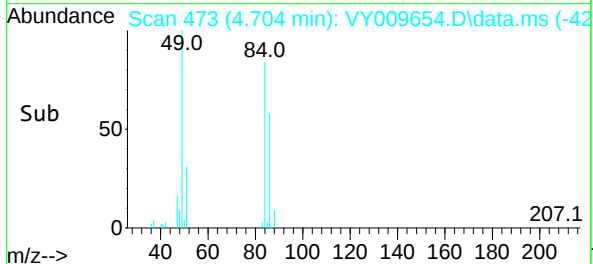
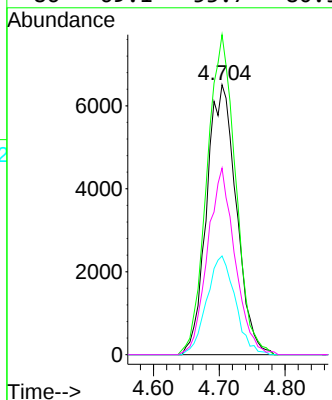
#20
Methylene Chloride
Concen: 17.789 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)



Tgt Ion: 84 Resp: 20366

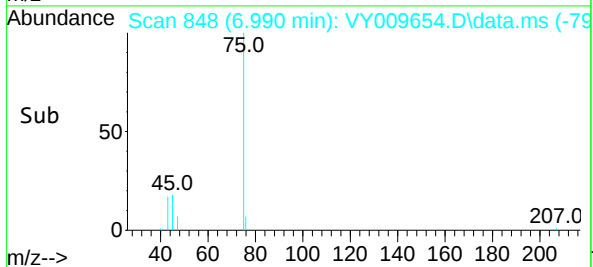
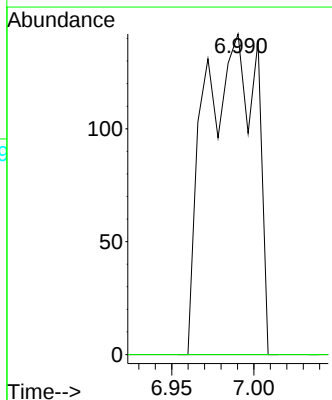
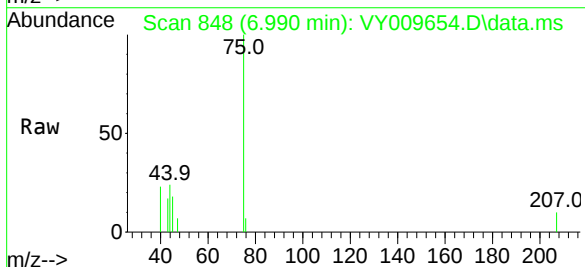
Ion	Ratio	Lower	Upper
84	100		
49	118.6	114.4	171.6
51	36.6	35.3	52.9
86	69.1	53.7	80.5

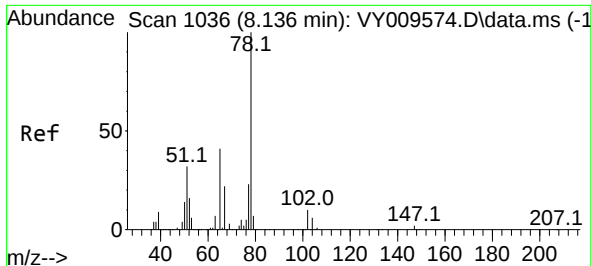


#25
2-Butanone
Concen: 1.251 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion: 43 Resp: 307

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5

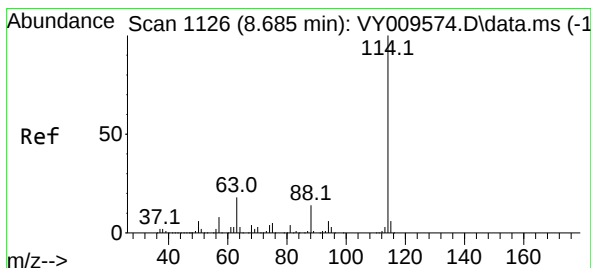
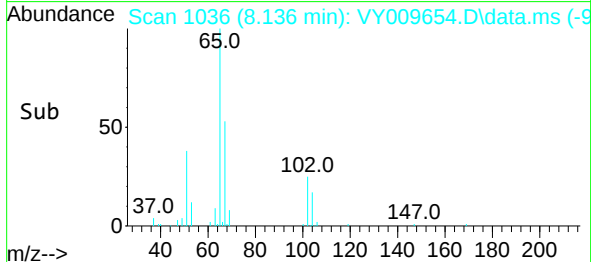
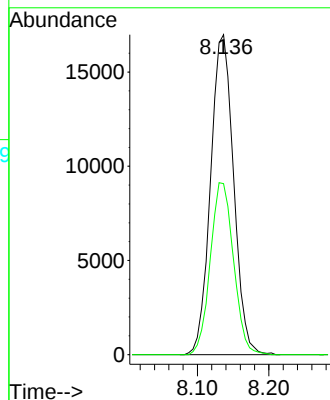
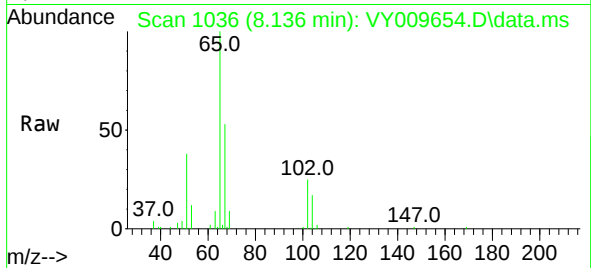




#33
 1,2-Dichloroethane-d4
 Concen: 57.120 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY009654.D
 Acq: 22 Jul 2022 13:00

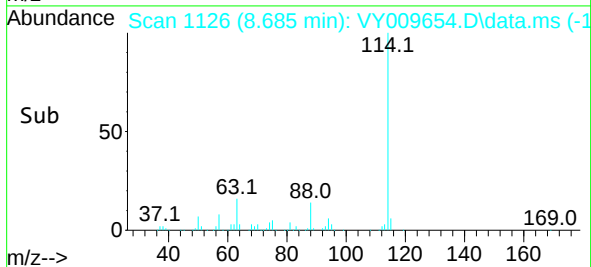
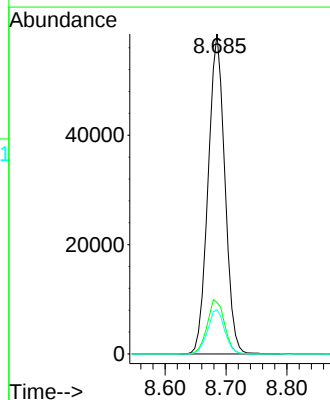
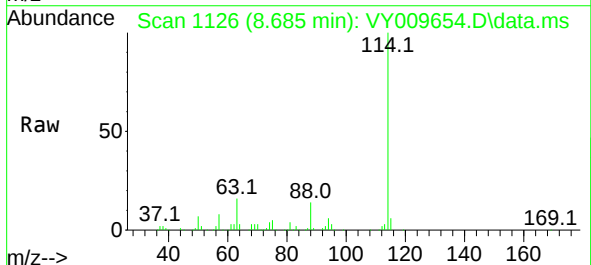
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)

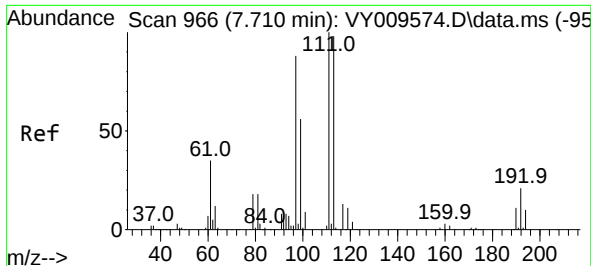
Tgt Ion: 65 Resp: 37989
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009654.D
 Acq: 22 Jul 2022 13:00

Tgt Ion: 114 Resp: 111400
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 43.2
 88 13.8 0.0 31.8

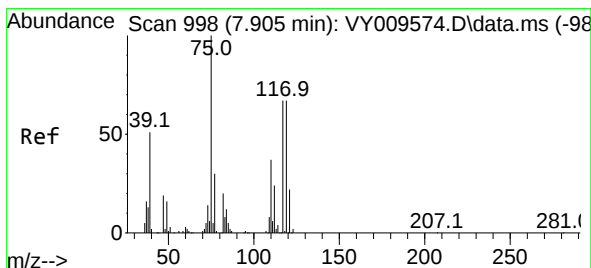
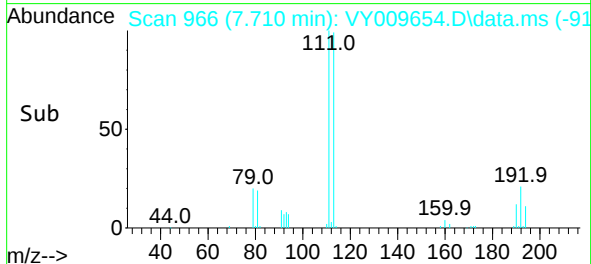
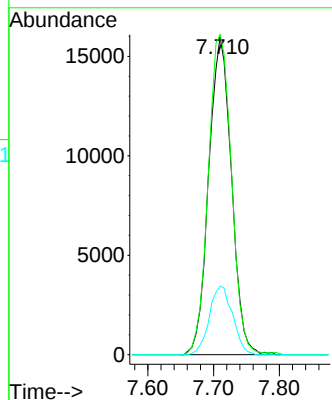
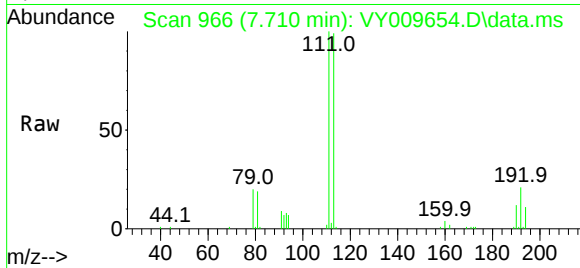




#35
Dibromofluoromethane
Concen: 54.806 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

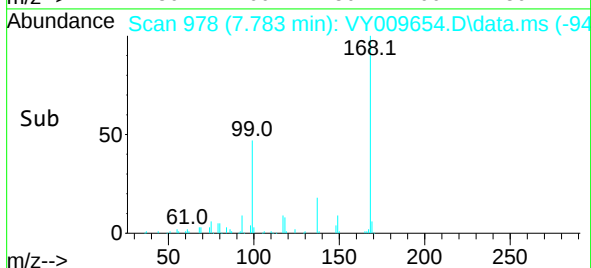
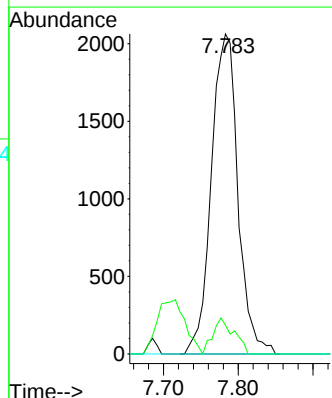
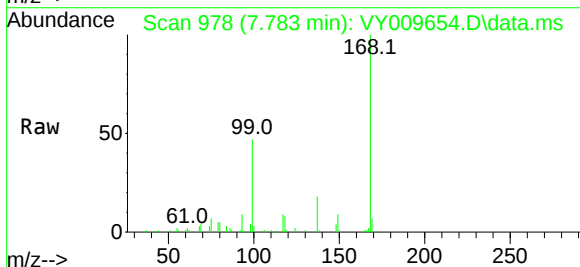
Instrument :
MSVOA_Y
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DL-3(14.5-15)

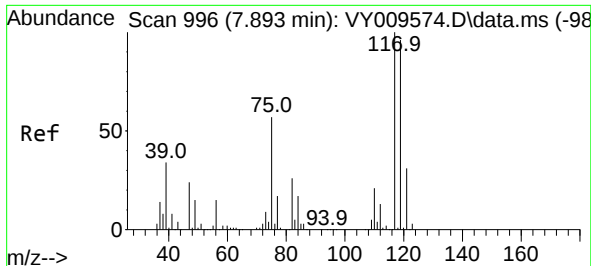
Tgt Ion:113 Resp: 38464
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

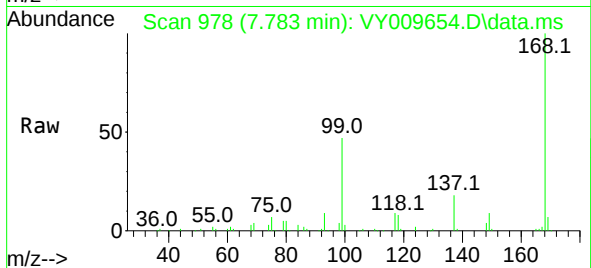
Tgt Ion: 75 Resp: 5098
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



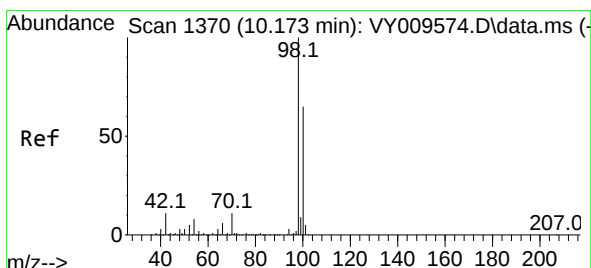
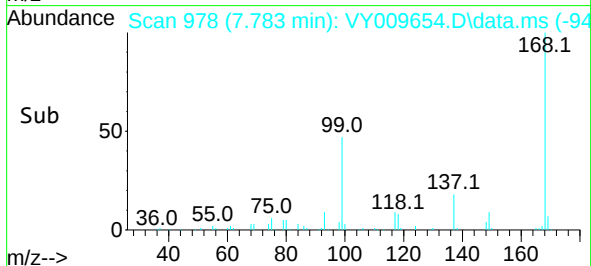
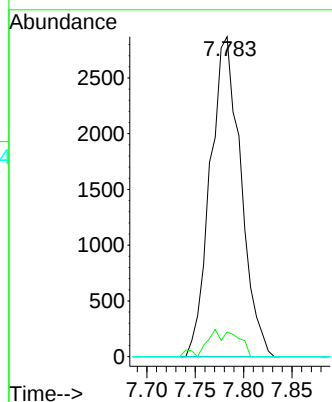


#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

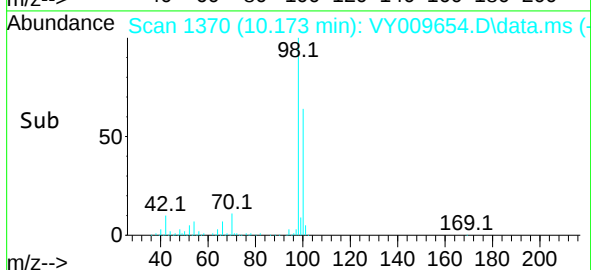
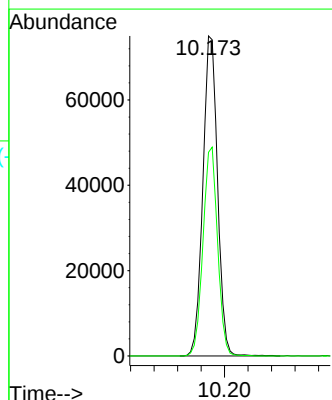
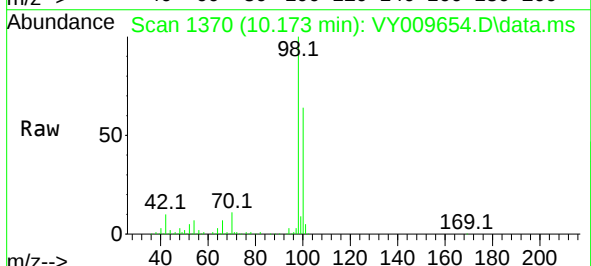


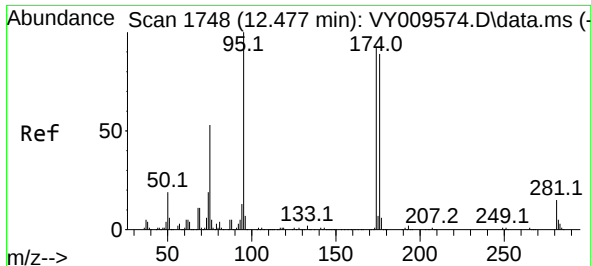
Tgt Ion:117 Resp: 6304
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.297 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion: 98 Resp: 130304
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

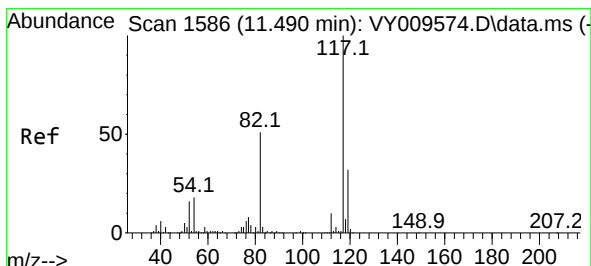
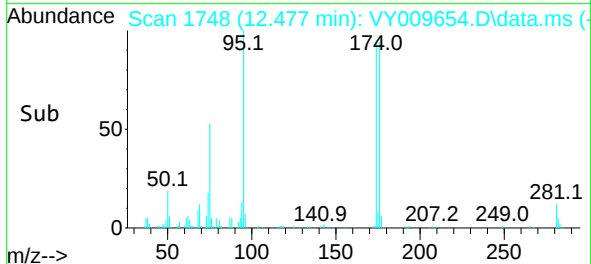
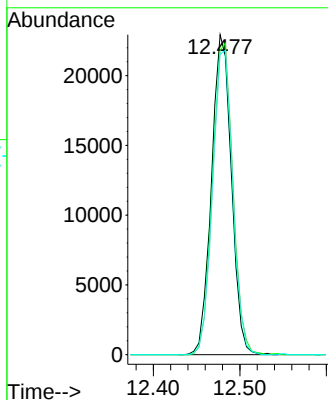
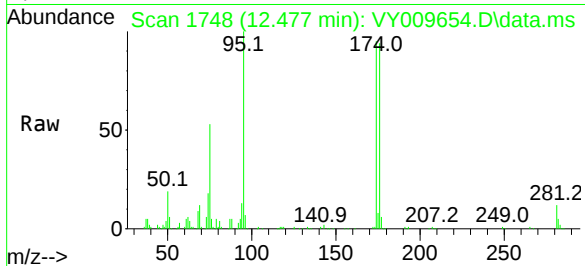




#62
4-Bromofluorobenzene
Concen: 41.881 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

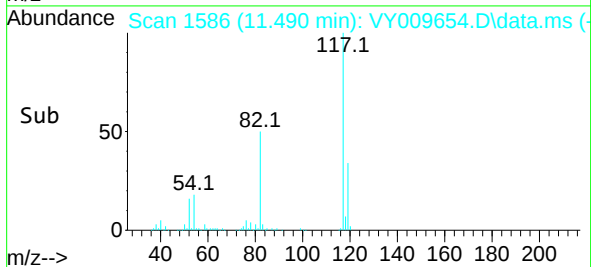
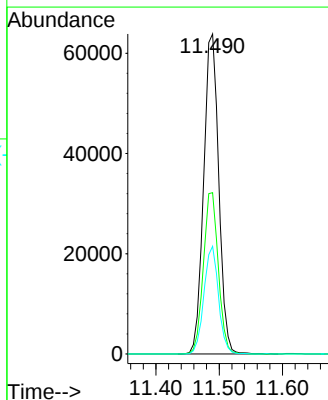
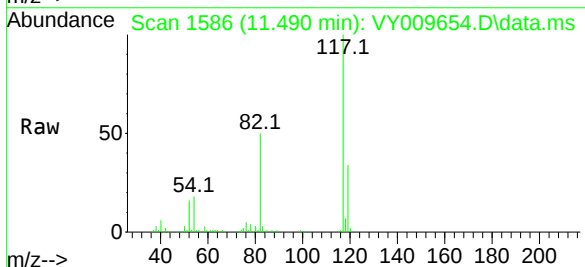
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

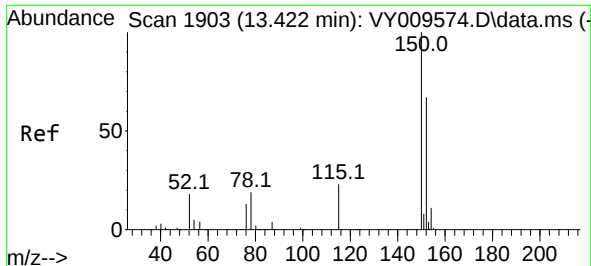
Tgt Ion: 95 Resp: 36614
Ion Ratio Lower Upper
95 100
174 99.6 0.0 177.0
176 96.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion: 117 Resp: 106049
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 33.6 25.4 38.0

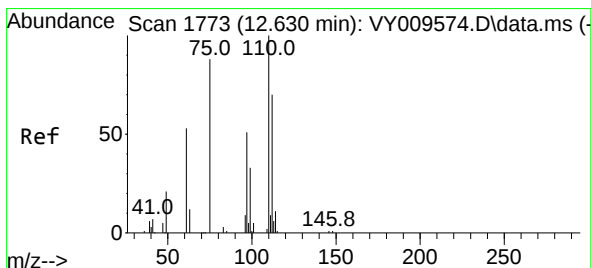
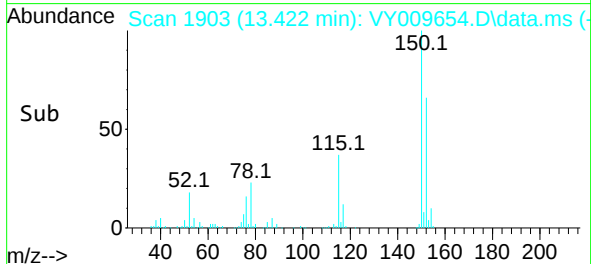
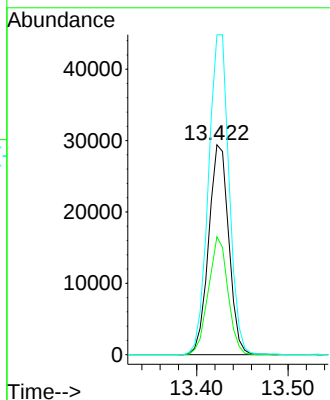
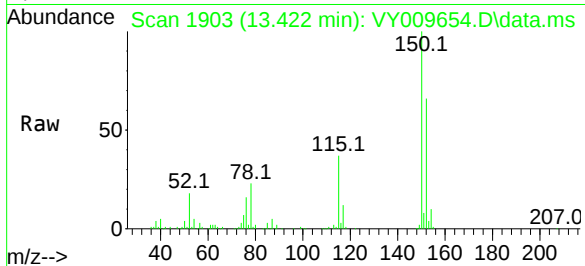




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

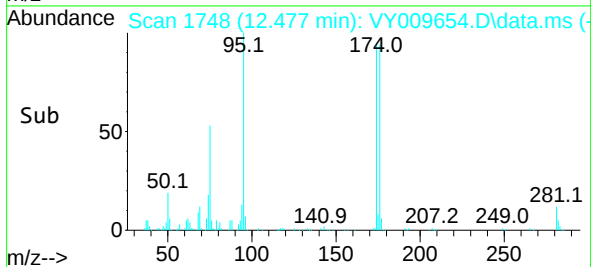
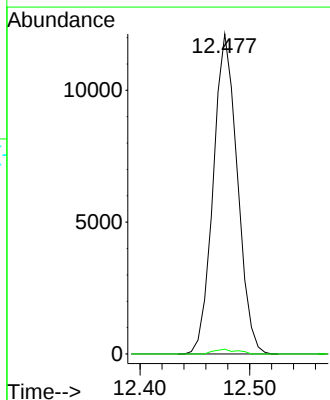
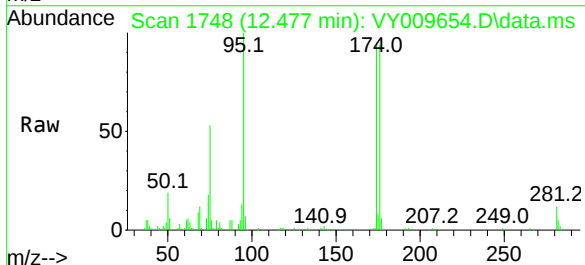
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

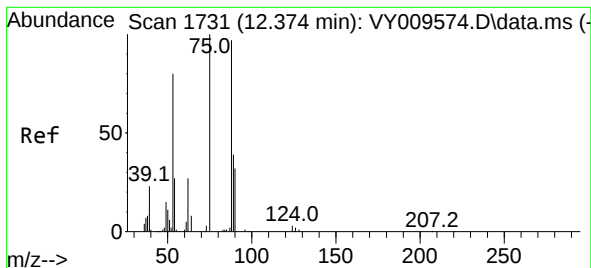
Tgt Ion:152 Resp: 44835
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 43.449 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion: 75 Resp: 18557
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.671 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009654.D
 Acq: 22 Jul 2022 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)

Tgt Ion: 75 Resp: 18557
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

