

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015168.D
 Acq On : 17 Aug 2023 13:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 00:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

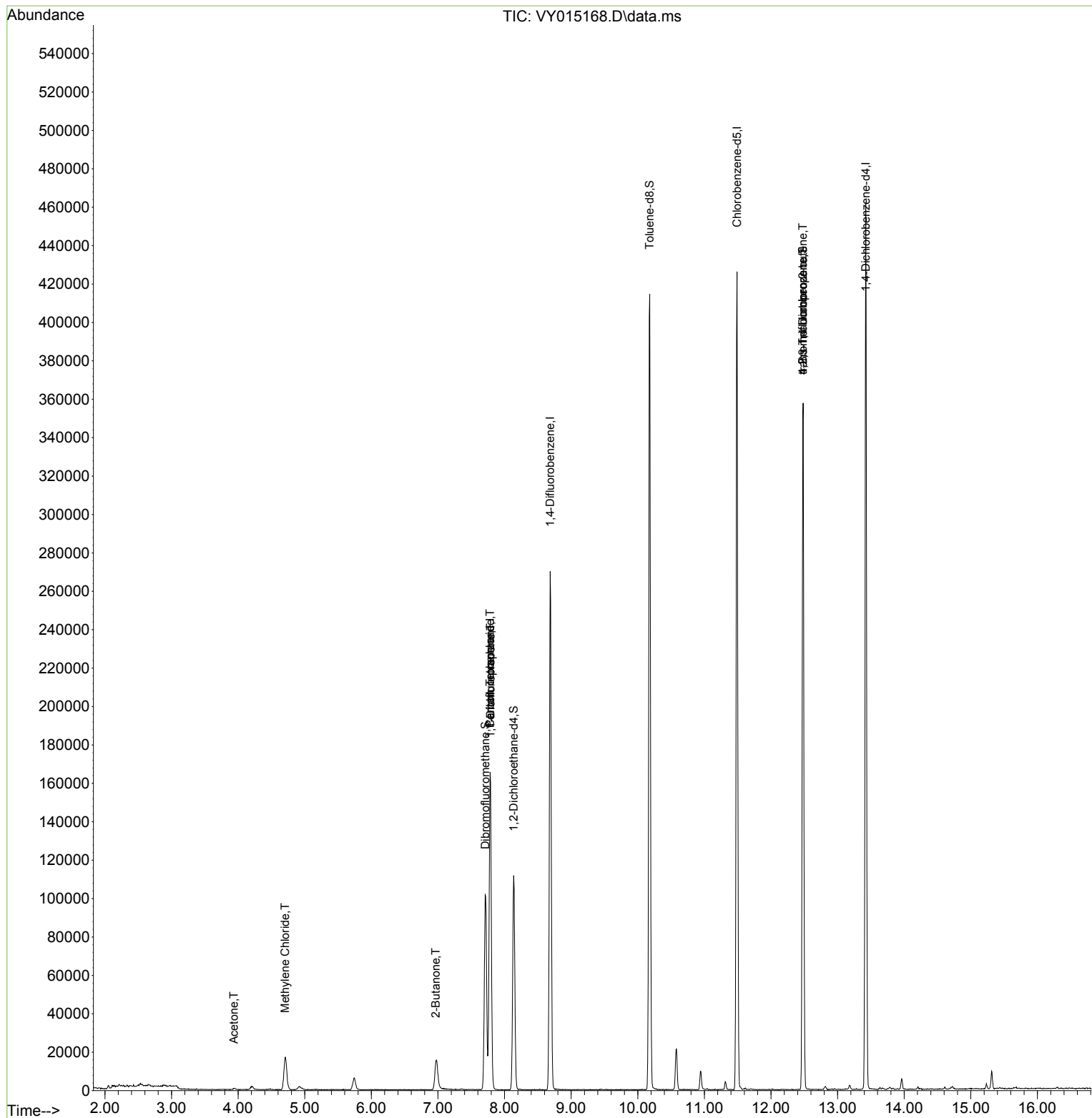
Internal Standards						
1) Pentafluorobenzene	7.783	168	129495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87889	56.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.080%	
35) Dibromofluoromethane	7.710	113	73153	49.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.380%	
50) Toluene-d8	10.179	98	276968	50.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.477	95	104533	52.225	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.460%	
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	449	Below Cal		97
5) Bromomethane	2.650	94	221	Below Cal		90
11) Tert butyl alcohol	4.924	59	1327	Below Cal	#	89
16) Acetone	3.936	43	1083	2.133	ug/l	90
20) Methylene Chloride	4.704	84	12743	6.727	ug/l	94
25) 2-Butanone	6.966	43	1066	1.483	ug/l	99
31) Cyclohexane	7.783	56	2723	Below Cal	#	4
36) 1,1-Dichloropropene	7.789	75	10050	6.171	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13004	6.747	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	56728	40.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56728	88.079	ug/l #	11

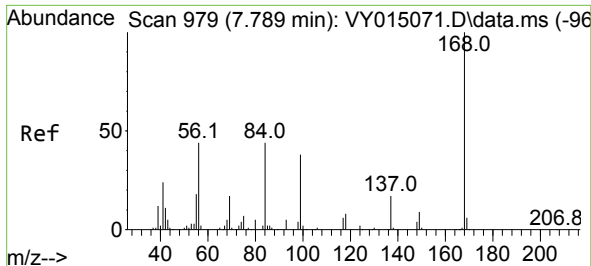
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

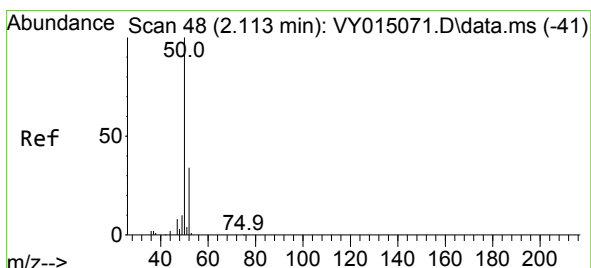
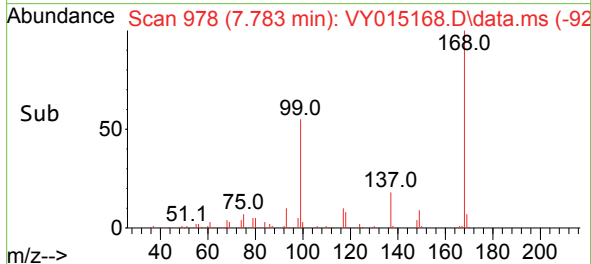
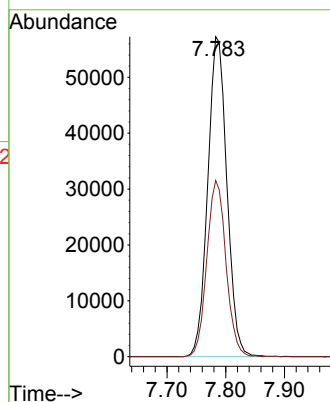
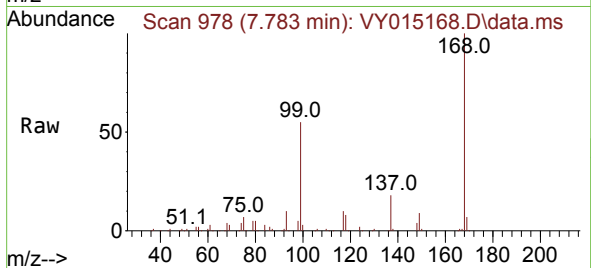




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

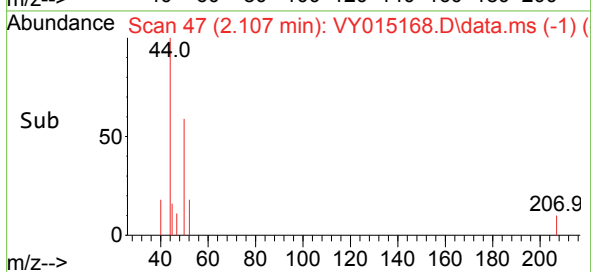
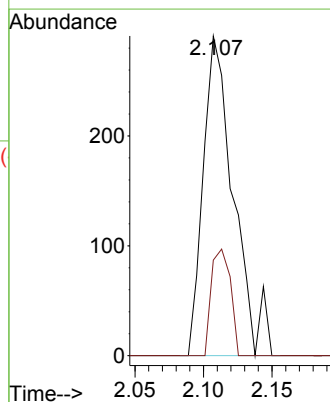
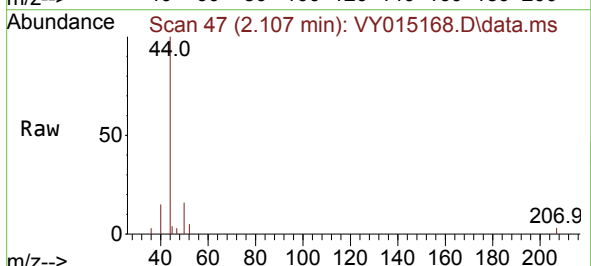
Instrument :
MSVOA_Y
ClientSampleId :

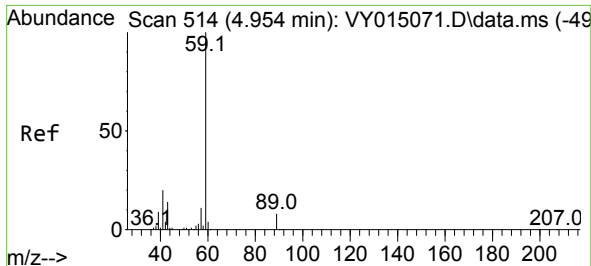
Tgt Ion:168 Resp: 129495
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

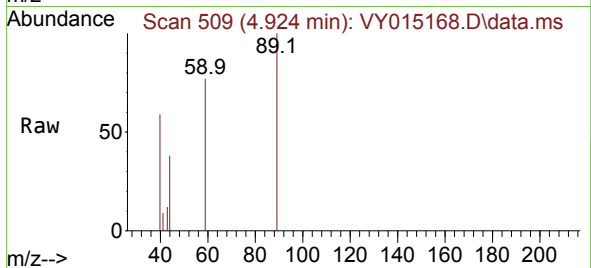
Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 29.9 25.4 38.2



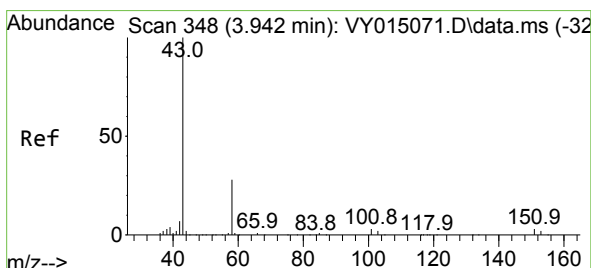
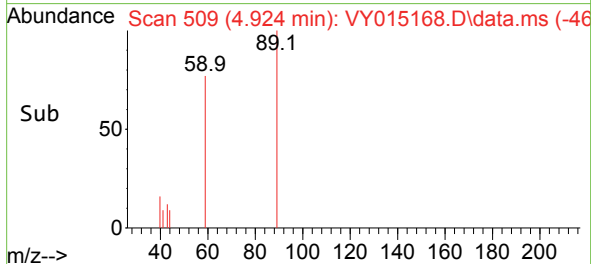
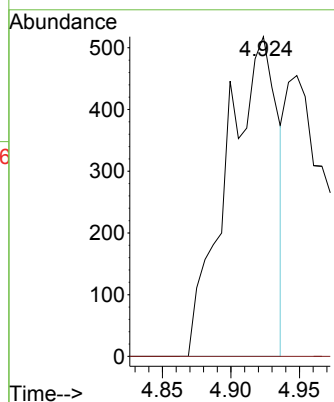


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :

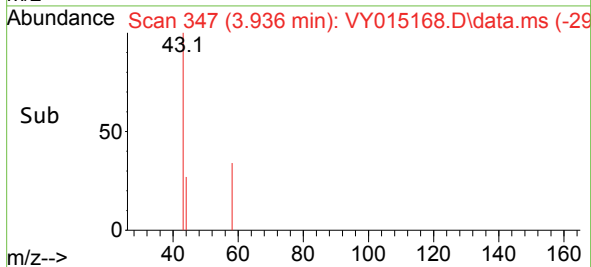
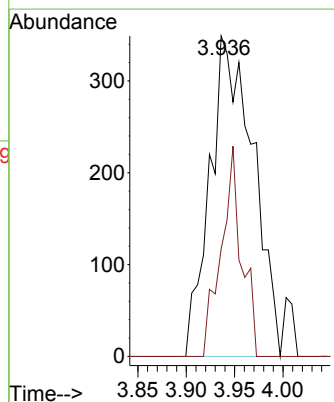
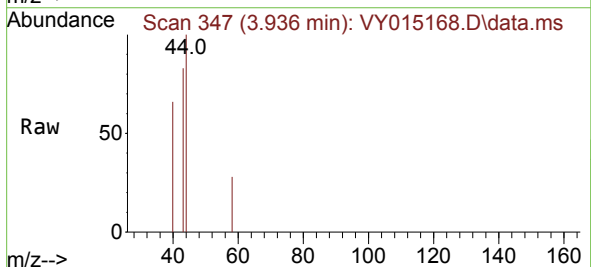


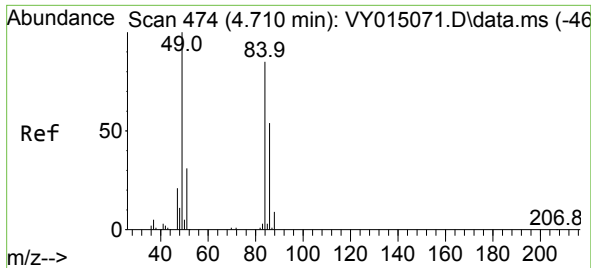
Tgt Ion: 59 Resp: 1327
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 2.133 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

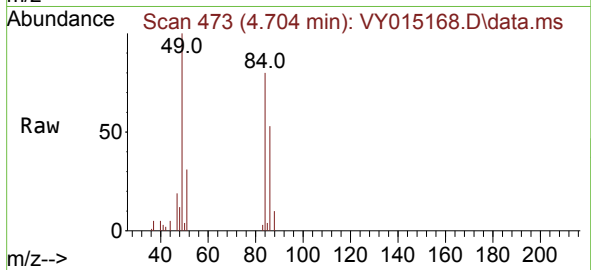
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1



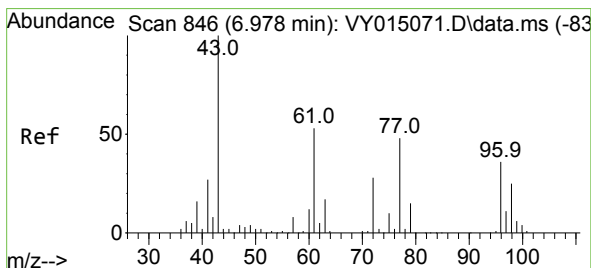
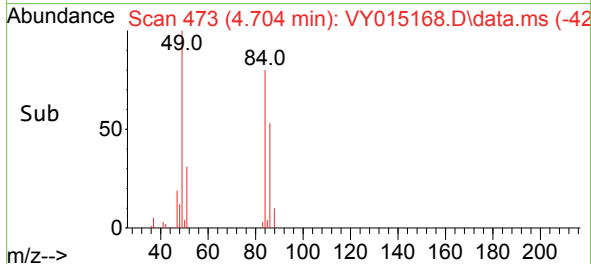
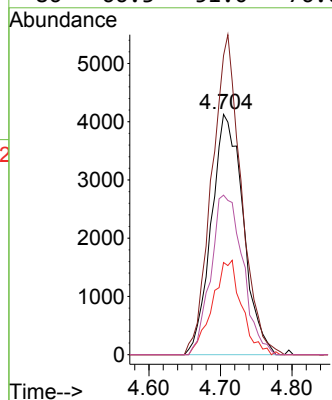


#20
Methylene Chloride
Concen: 6.727 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :

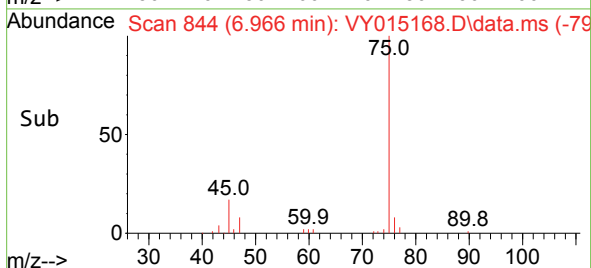
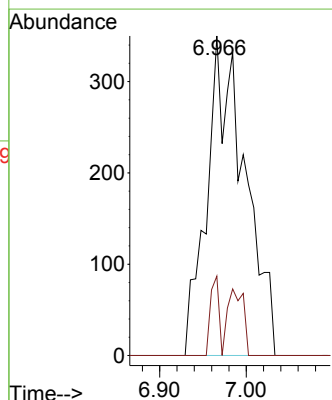
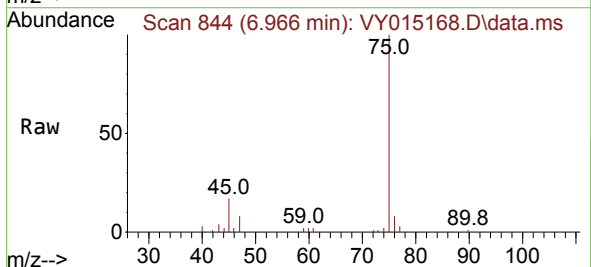


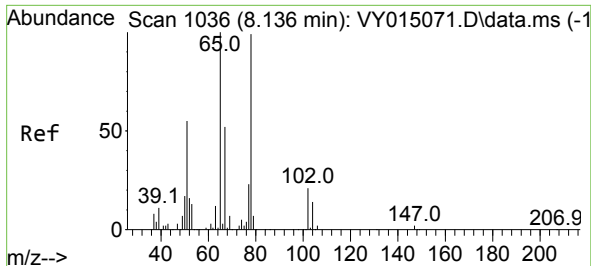
Tgt Ion: 84 Resp: 12743
Ion Ratio Lower Upper
84 100
49 124.5 106.9 160.3
51 38.3 33.2 49.8
86 66.3 51.0 76.6



#25
2-Butanone
Concen: 1.483 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
72 24.9 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 56.540 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

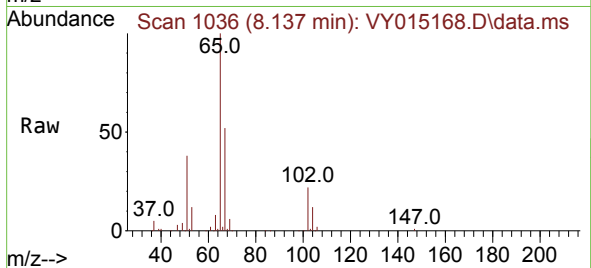
Lab File: VY015168.D

Acq: 17 Aug 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

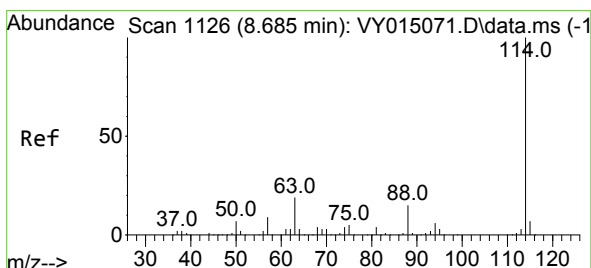
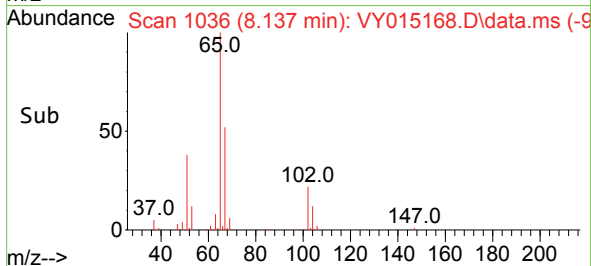
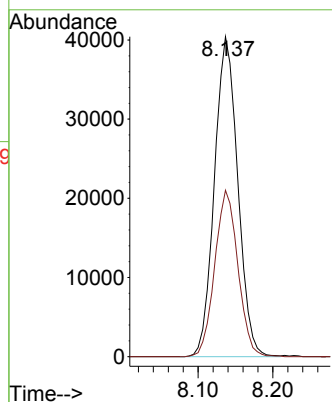


Tgt Ion: 65 Resp: 87889

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015168.D

Acq: 17 Aug 2023 13:42

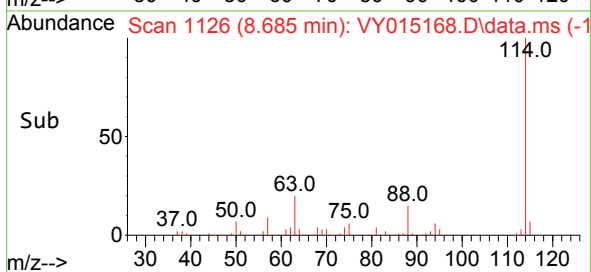
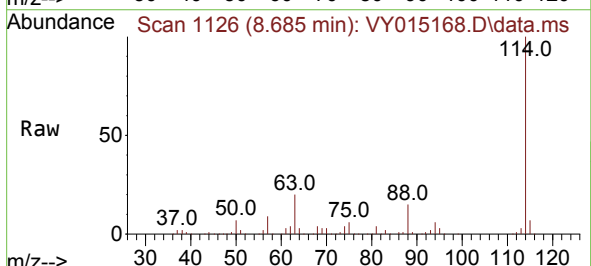
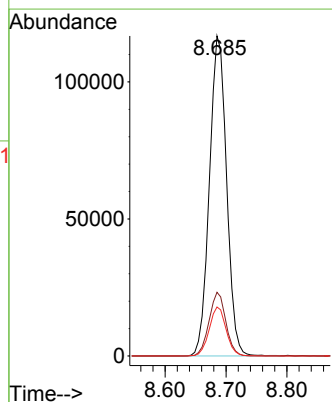
Tgt Ion: 114 Resp: 228826

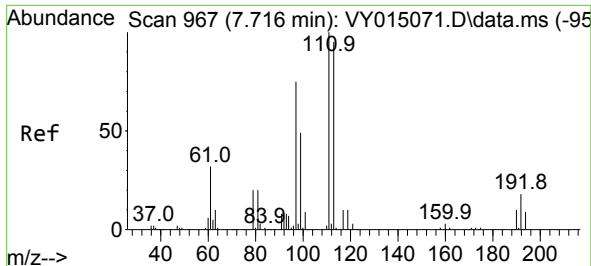
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.3 0.0 30.6

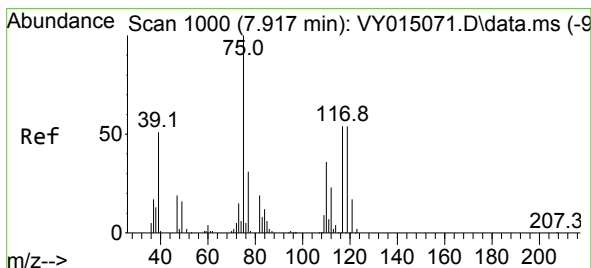
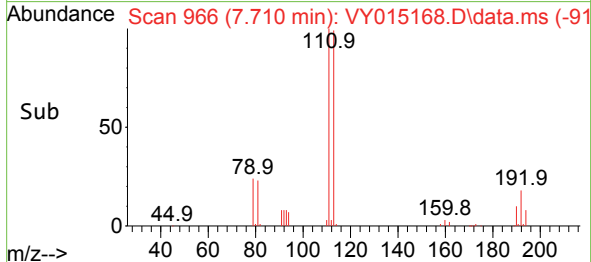
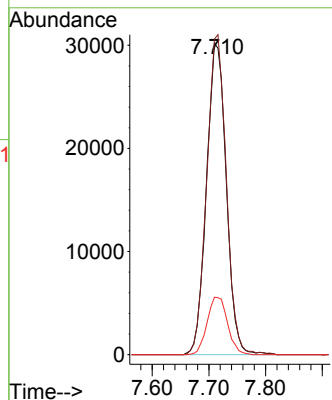
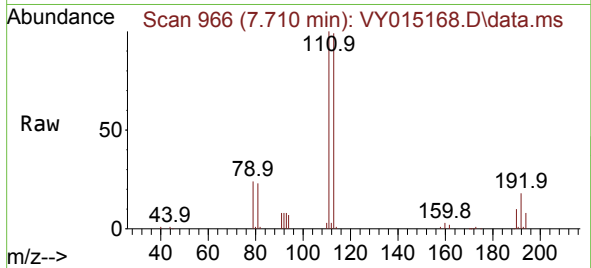




#35
Dibromofluoromethane
Concen: 49.692 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

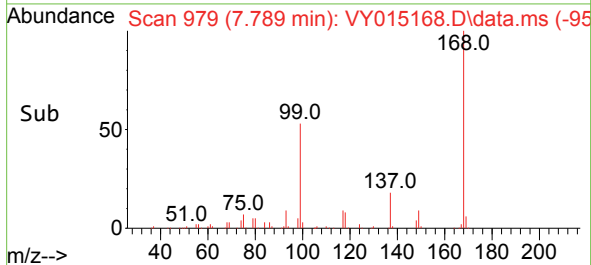
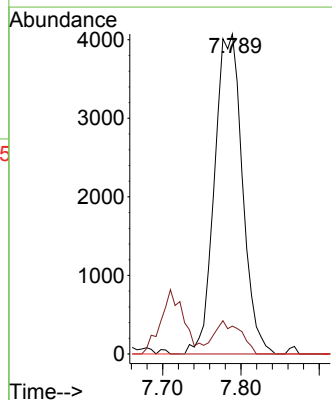
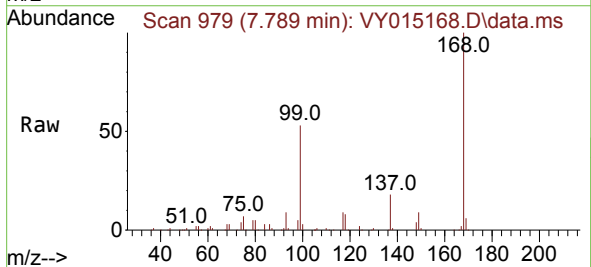
Instrument :
MSVOA_Y
ClientSampleId :

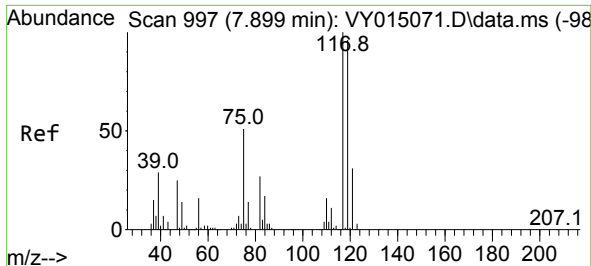
Tgt Ion:113 Resp: 73153
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.171 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

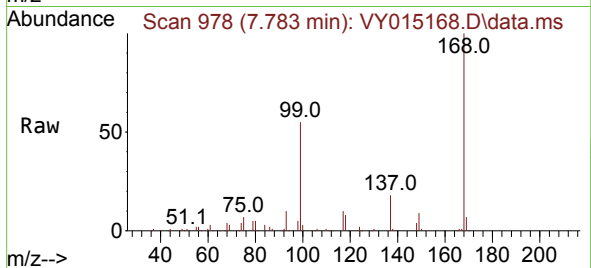
Tgt Ion: 75 Resp: 10050
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



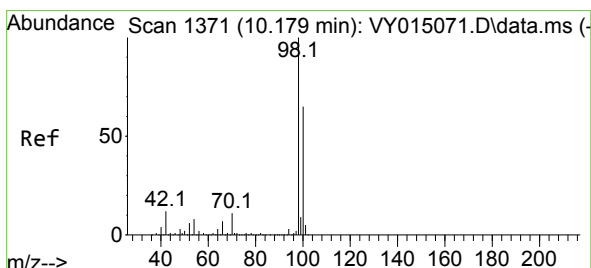
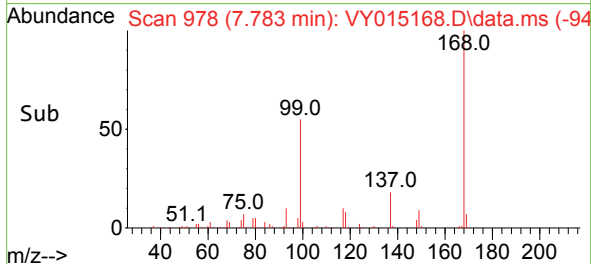
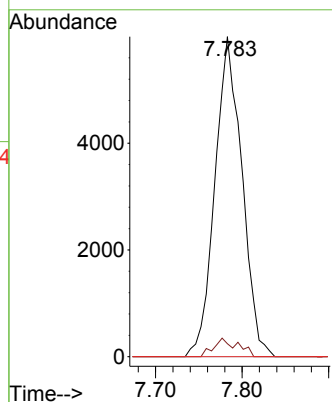


#38
Carbon Tetrachloride
Concen: 6.747 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :

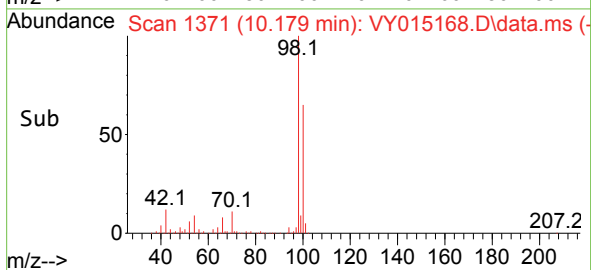
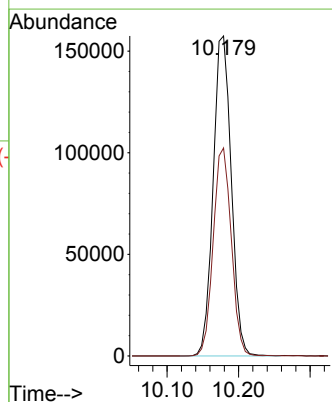
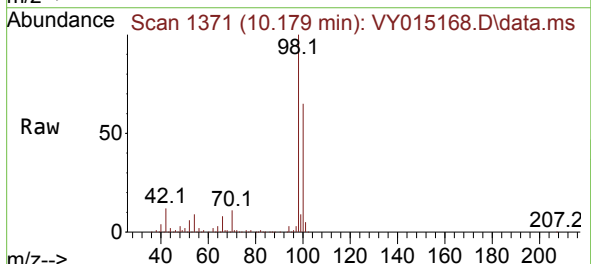


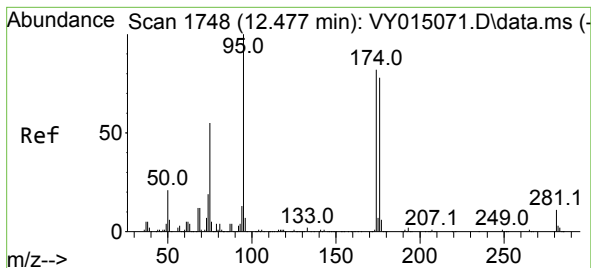
Tgt Ion:117 Resp: 13004
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.541 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Tgt Ion: 98 Resp: 276968
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

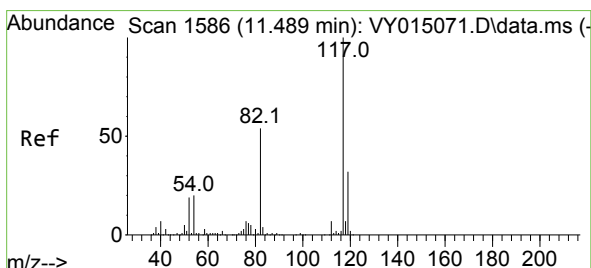
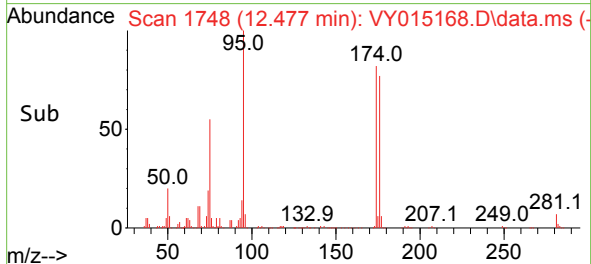
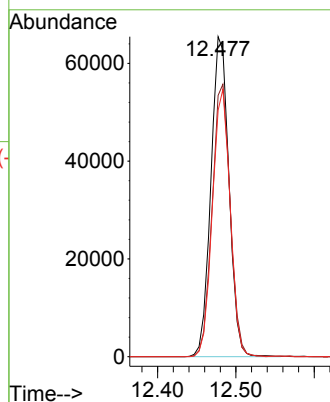
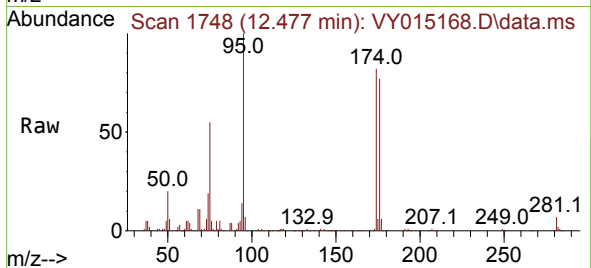




#62
4-Bromofluorobenzene
Concen: 52.225 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

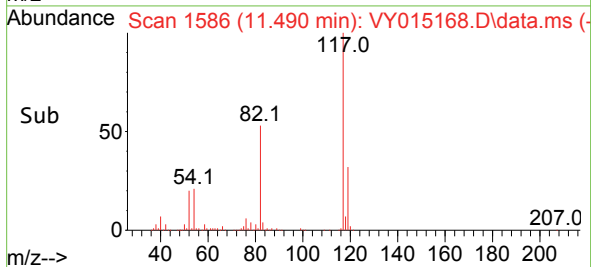
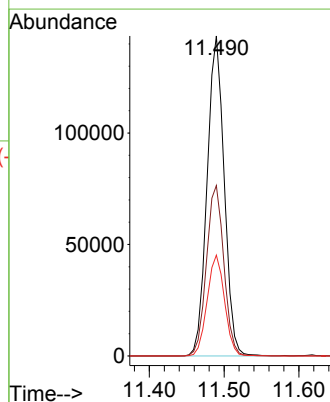
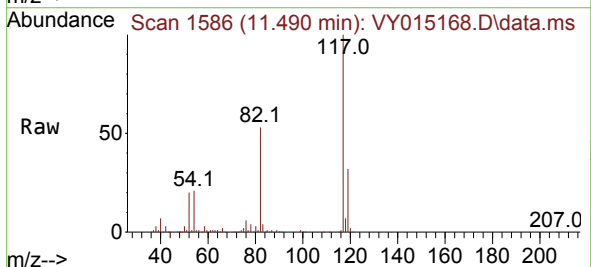
Instrument :
MSVOA_Y
ClientSampleId :

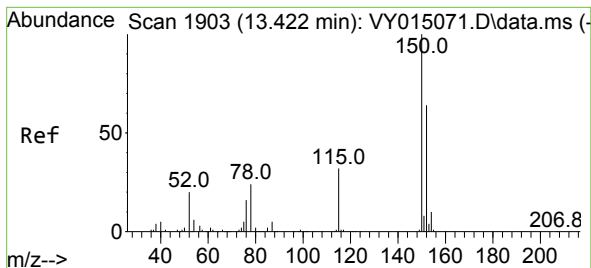
Tgt Ion: 95 Resp: 104533
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015168.D
Acq: 17 Aug 2023 13:42

Tgt Ion: 117 Resp: 228503
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.5 26.3 39.5

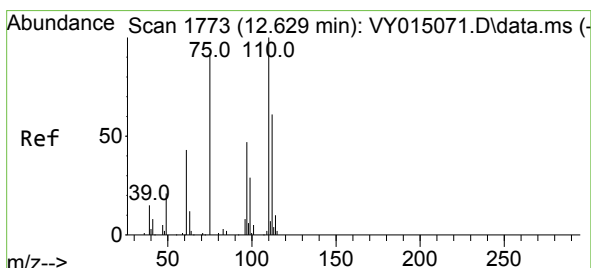
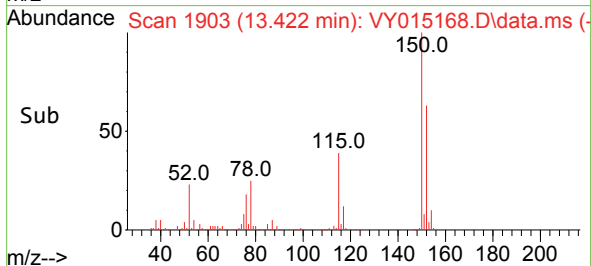
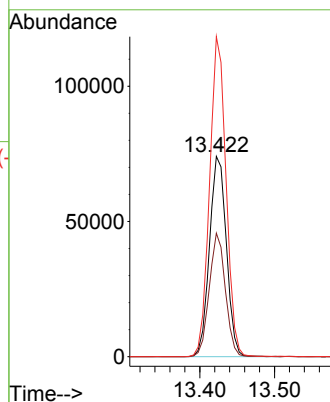
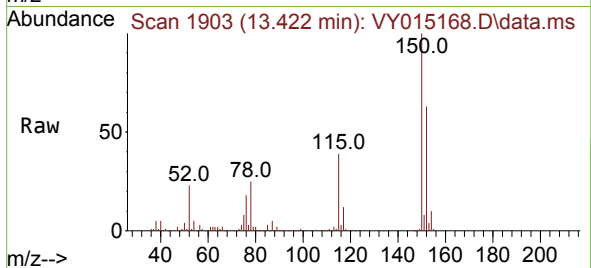




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015168.D
 Acq: 17 Aug 2023 13:42

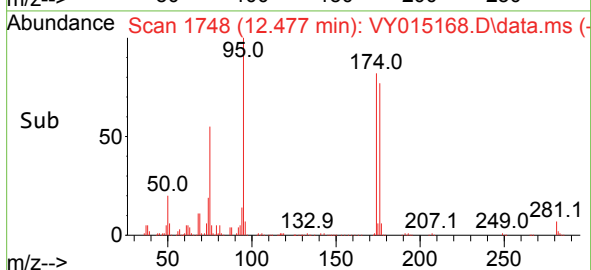
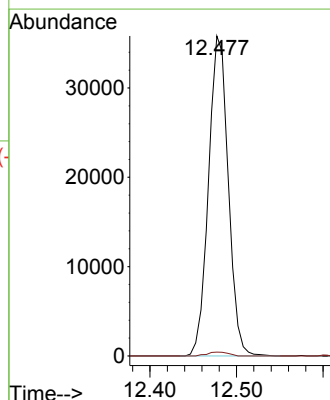
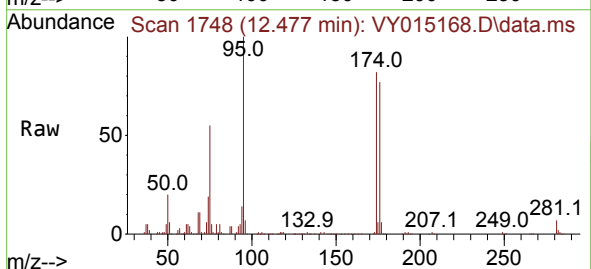
Instrument :
 MSVOA_Y
 ClientSampleId :

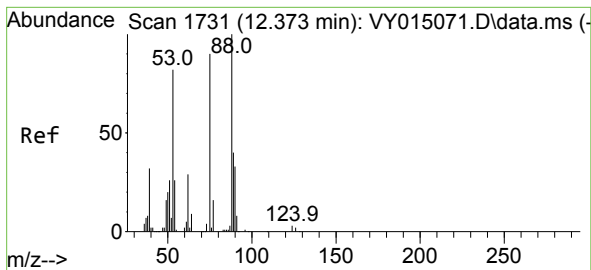
Tgt Ion:152 Resp: 116440
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.8 86.5
 150 155.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.100 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015168.D
 Acq: 17 Aug 2023 13:42

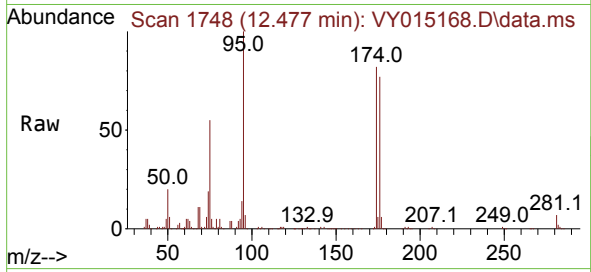
Tgt Ion: 75 Resp: 56728
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.079 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015168.D
 Acq: 17 Aug 2023 13:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.2	37.4	56.0#

