

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017055.D
 Acq On : 19 Jan 2024 14:58
 Operator : SY/MD
 Sample : P1185-02
 Misc : 1.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-9.5-10.0

Quant Time: Jan 19 22:22:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

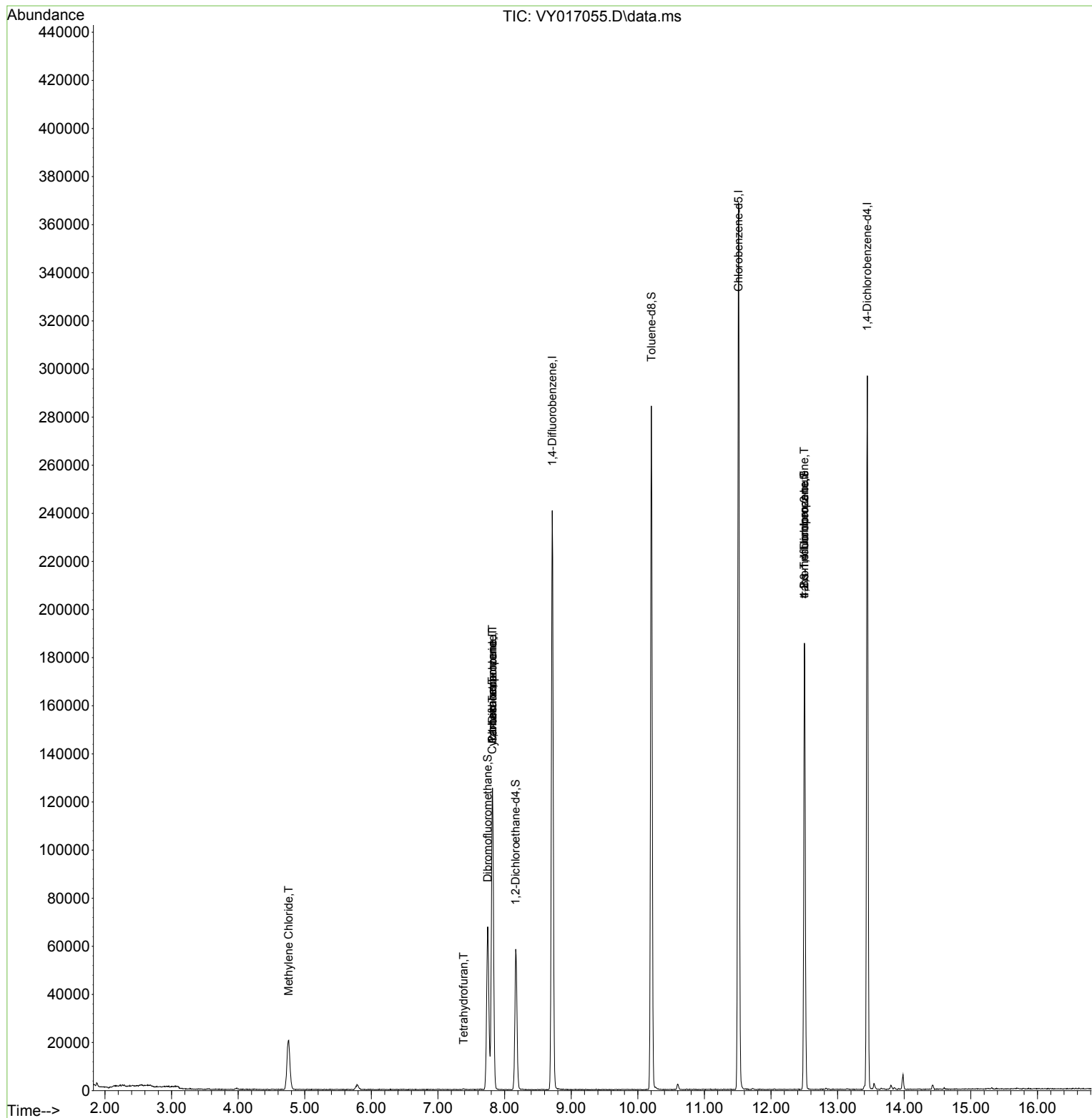
Internal Standards						
1) Pentafluorobenzene	7.819	168	95698	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	207589	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	198161	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	72650	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45344	47.940	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.880%		
35) Dibromofluoromethane	7.746	113	49368	37.320	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.640%		
50) Toluene-d8	10.203	98	181787	39.908	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.820%		
62) 4-Bromofluorobenzene	12.502	95	56296	36.630	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	73.260%		
Target Compounds						Qvalue
16) Acetone	3.979	43	1115	Below Cal		95
20) Methylene Chloride	4.759	84	15996	6.784	ug/l	96
25) 2-Butanone	7.027	43	19	Below Cal	#	48
29) Tetrahydrofuran	7.387	42	284	1.484	ug/l #	38
31) Cyclohexane	7.813	56	2277	1.403	ug/l #	4
36) 1,1-Dichloropropene	7.819	75	7982	4.140	ug/l #	49
38) Carbon Tetrachloride	7.819	117	9629	4.916	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	29540	37.469	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	29540	85.083	ug/l #	12

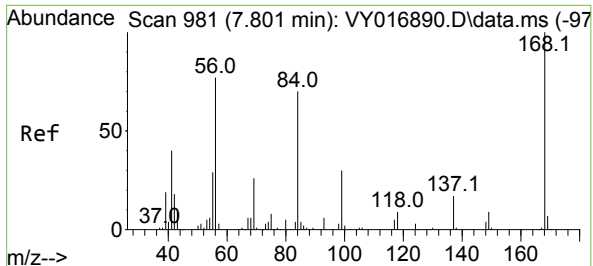
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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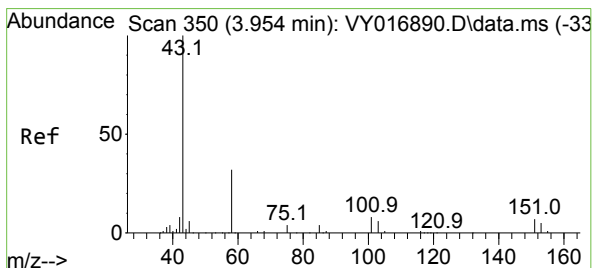
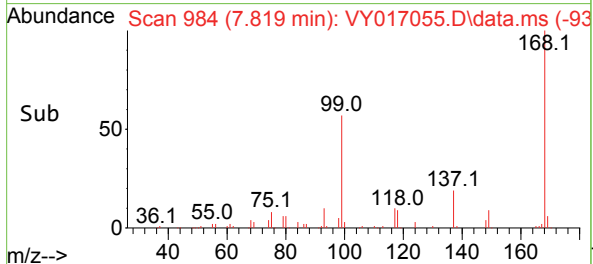
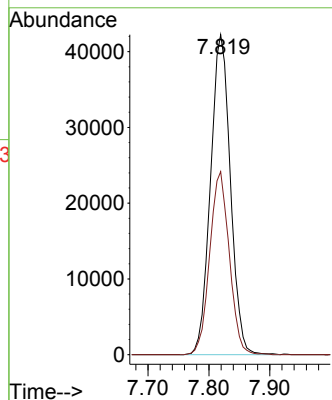
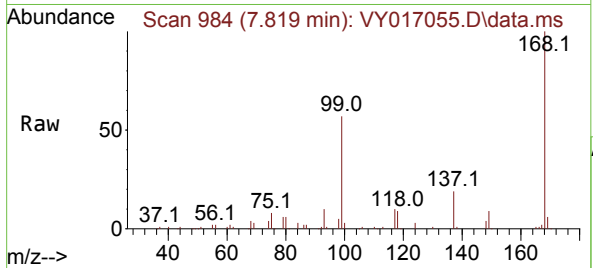




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

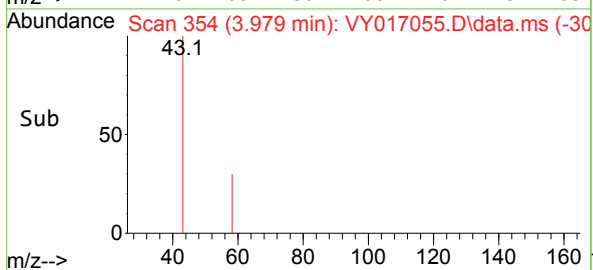
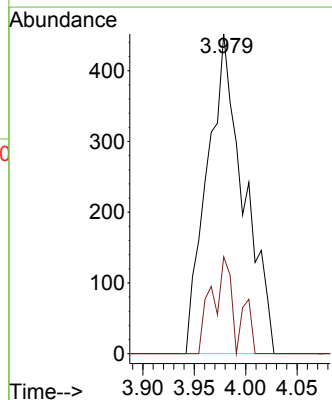
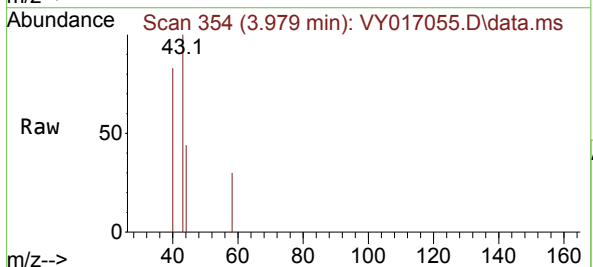
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-9.5-10.0

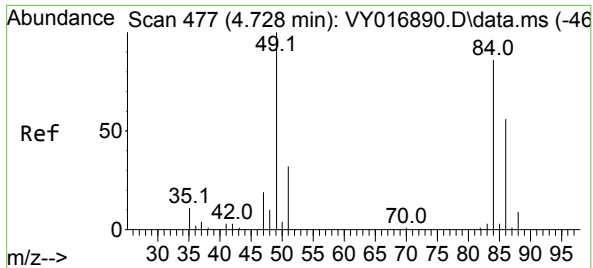
Tgt Ion:168 Resp: 95698
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 30.3 26.6 39.8

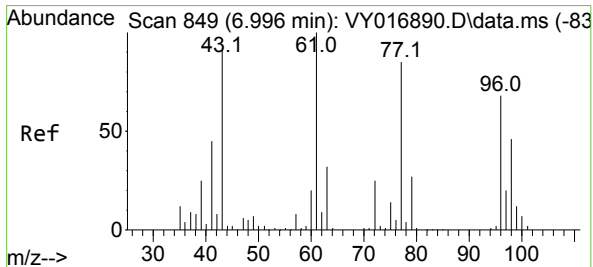
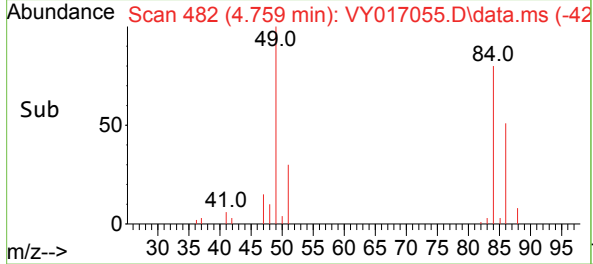
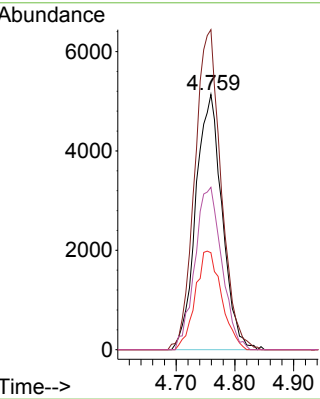
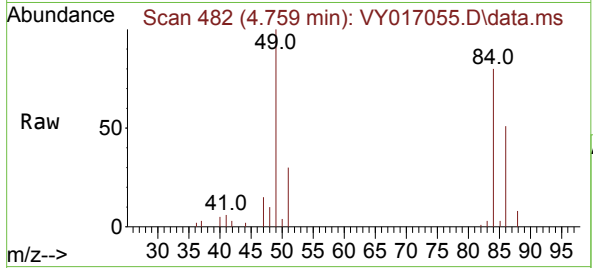




#20
Methylene Chloride
Concen: 6.784 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

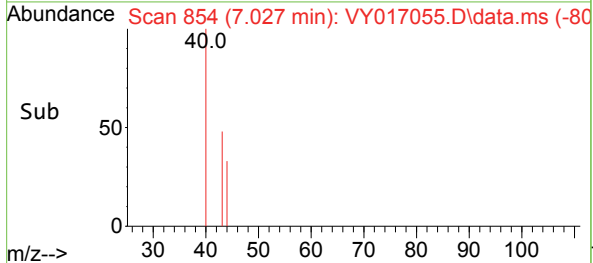
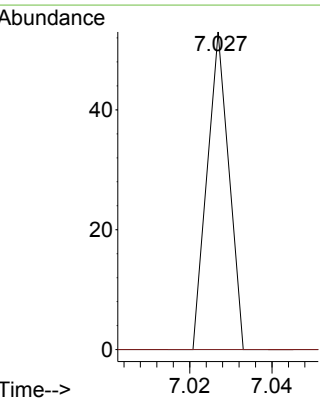
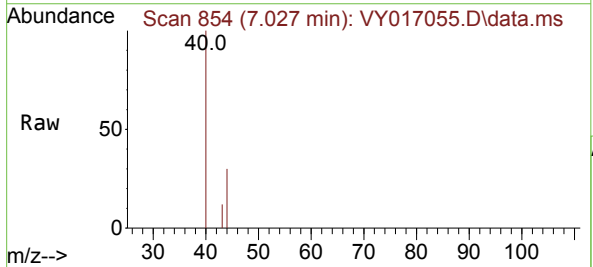
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-9.5-10.0

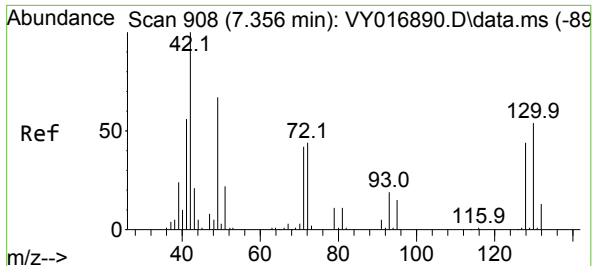
Tgt Ion: 84	Resp: 15996
Ion Ratio	Lower Upper
84 100	
49 125.4	95.2 142.8
51 38.0	29.9 44.9
86 63.7	52.2 78.4



#25
2-Butanone
Concen: Below Cal
RT: 7.027 min Scan# 854
Delta R.T. 0.031 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Tgt Ion: 43	Resp:	19	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#





#29

Tetrahydrofuran

Concen: 1.484 ug/l

RT: 7.387 min Scan# 91

Delta R.T. 0.025 min

Lab File: VY017055.D

Acq: 19 Jan 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-7-9.5-10.0

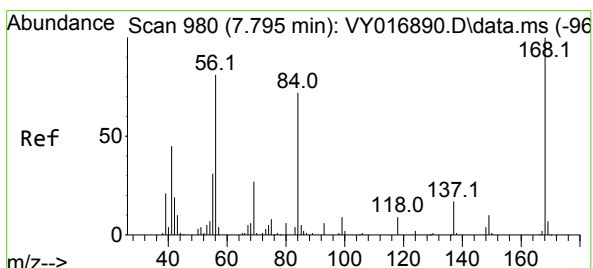
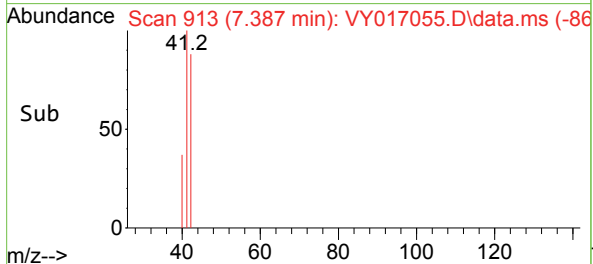
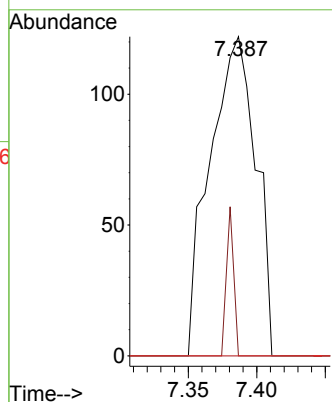
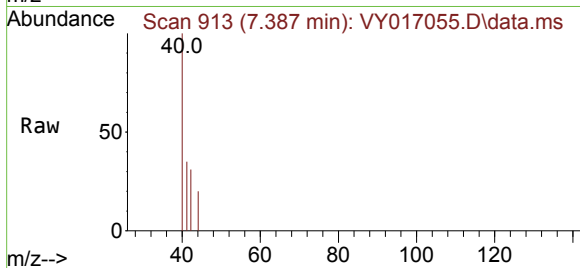
Tgt Ion: 42 Resp: 284

Ion Ratio Lower Upper

42 100

72 7.4 36.6 54.8#

71 0.0 33.8 50.6#



#31

Cyclohexane

Concen: 1.403 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY017055.D

Acq: 19 Jan 2024 14:58

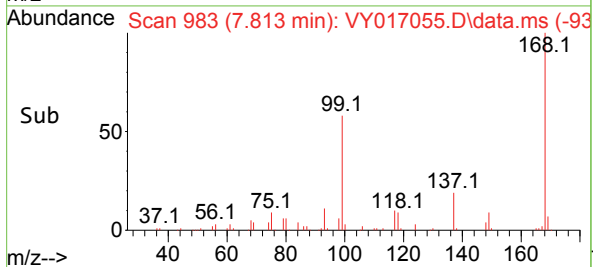
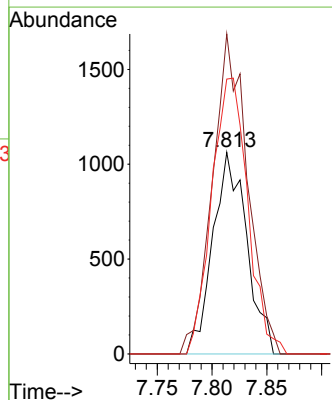
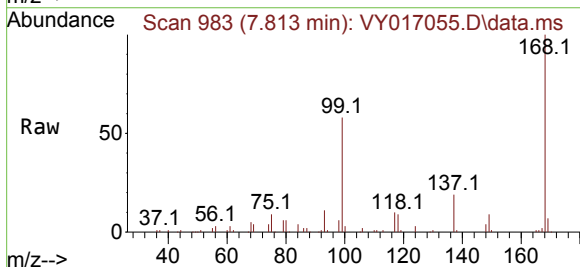
Tgt Ion: 56 Resp: 2277

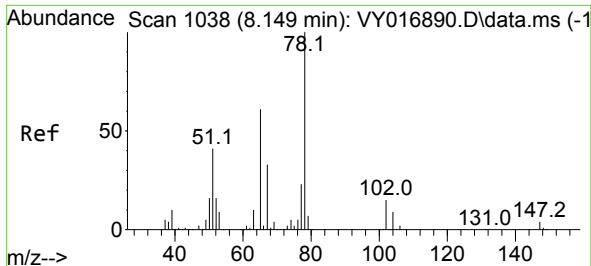
Ion Ratio Lower Upper

56 100

69 158.7 27.0 40.6#

84 136.3 71.8 107.6#

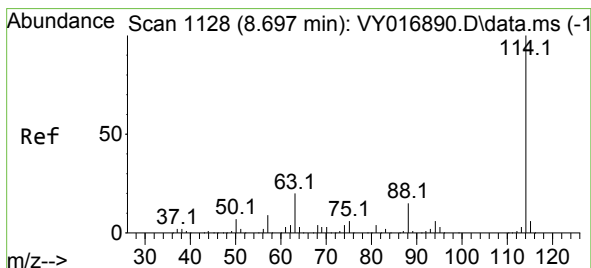
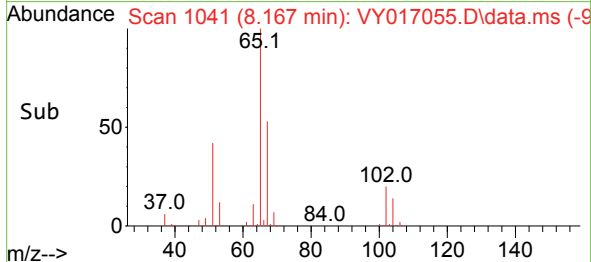
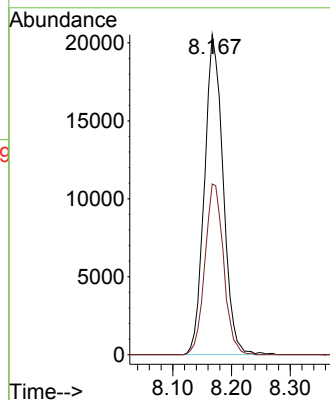
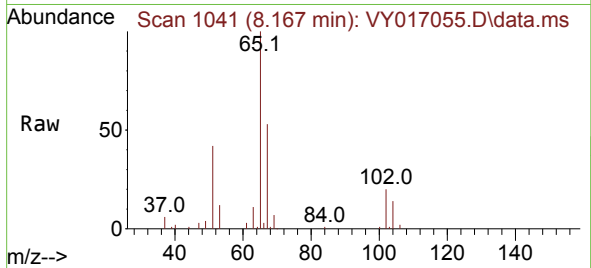




#33
1,2-Dichloroethane-d4
Concen: 47.940 ug/l
RT: 8.167 min Scan# 1103
Delta R.T. 0.012 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

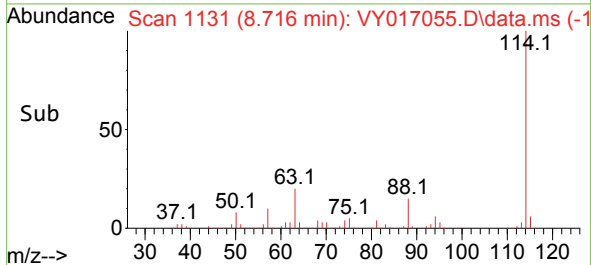
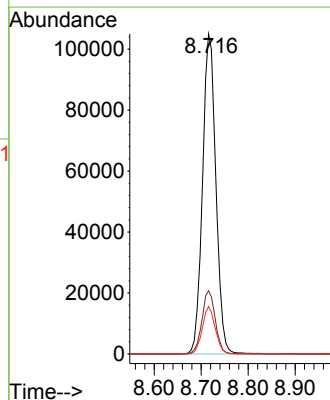
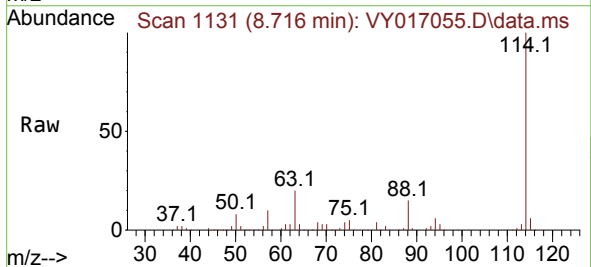
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-9.5-10.0

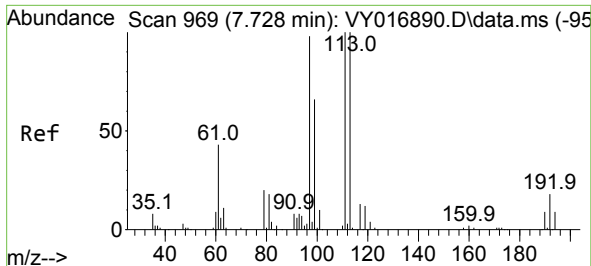
Tgt Ion: 65 Resp: 45344
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Tgt Ion: 114 Resp: 207589
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.8 0.0 29.0

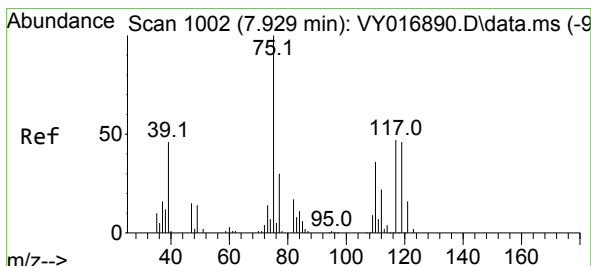
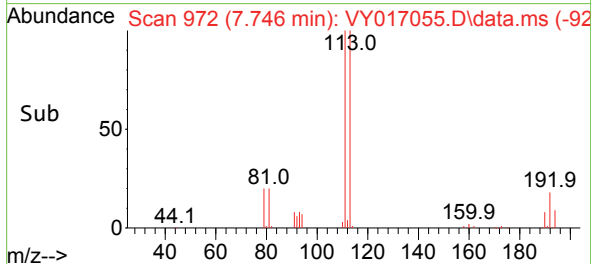
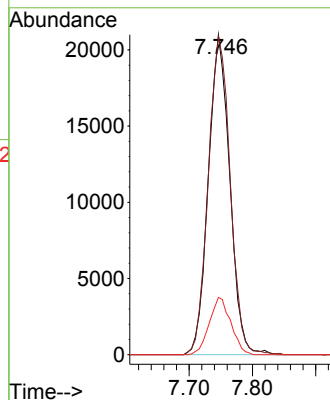
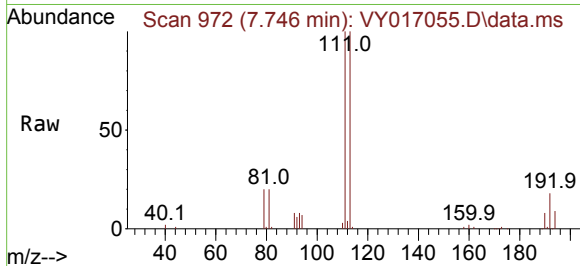




#35
 Dibromofluoromethane
 Concen: 37.320 ug/l
 RT: 7.746 min Scan# 91
 Delta R.T. 0.018 min
 Lab File: VY017055.D
 Acq: 19 Jan 2024 14:58

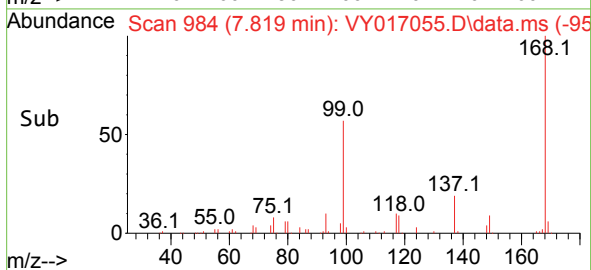
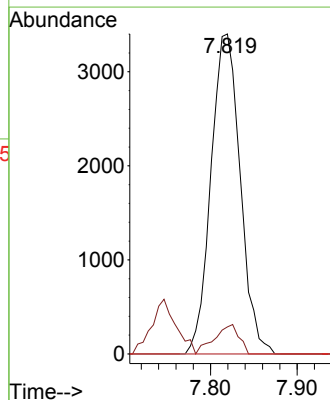
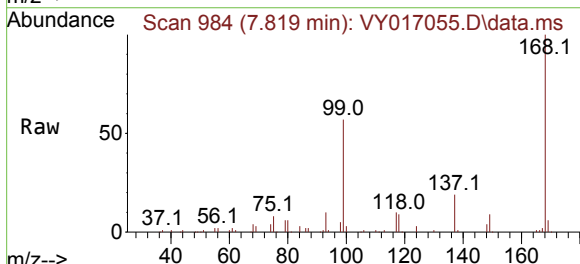
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-9.5-10.0

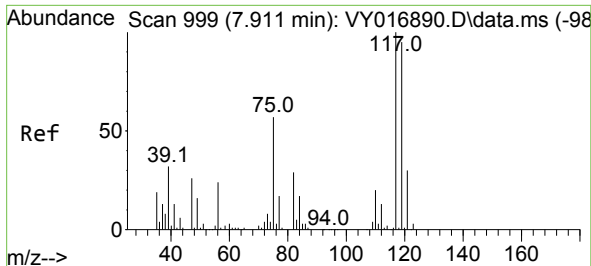
Tgt Ion:113 Resp: 49368
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.8 125.6
 192 18.0 14.5 21.7



#36
 1,1-Dichloropropene
 Concen: 4.140 ug/l
 RT: 7.819 min Scan# 984
 Delta R.T. -0.110 min
 Lab File: VY017055.D
 Acq: 19 Jan 2024 14:58

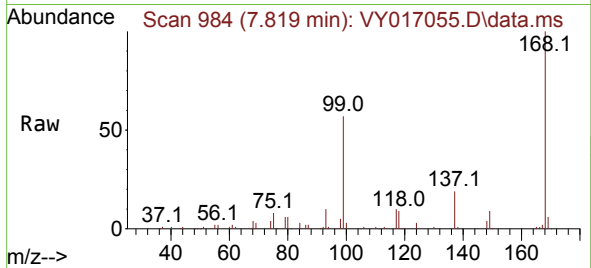
Tgt Ion: 75 Resp: 7982
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.4 52.3#
 77 0.0 24.7 37.1#



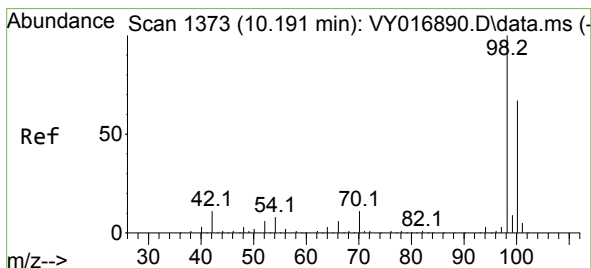
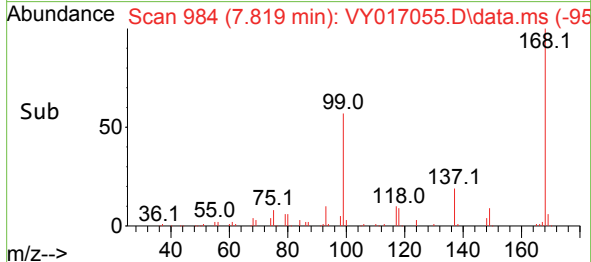
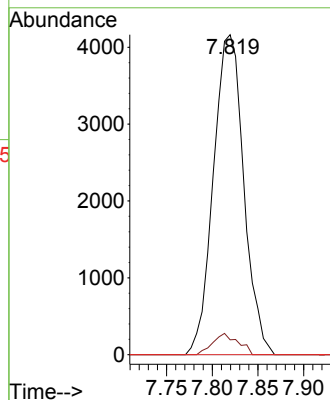


#38
Carbon Tetrachloride
Concen: 4.916 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-7-9.5-10.0

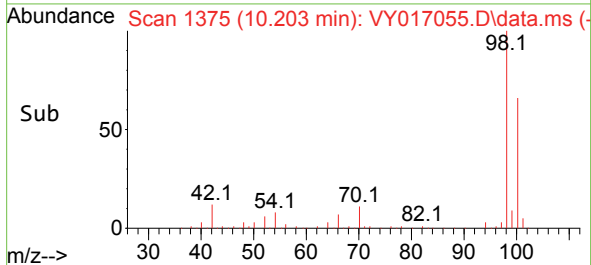
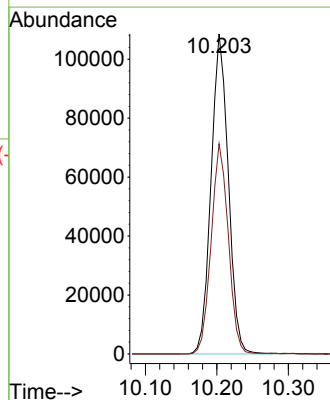
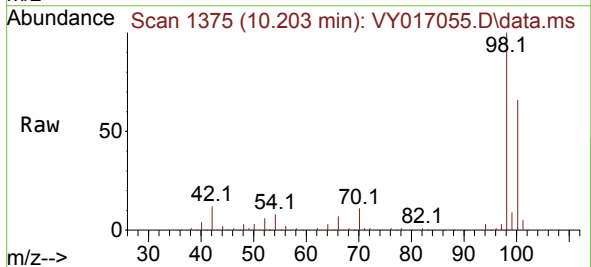


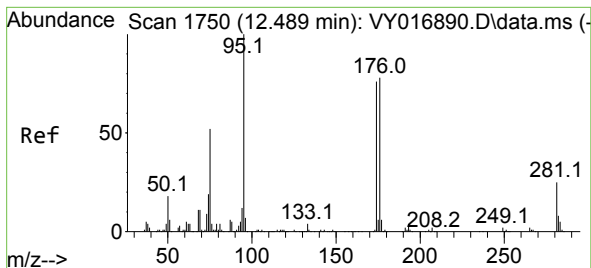
Tgt Ion:117 Resp: 9629
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.908 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Tgt Ion: 98 Resp: 181787
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

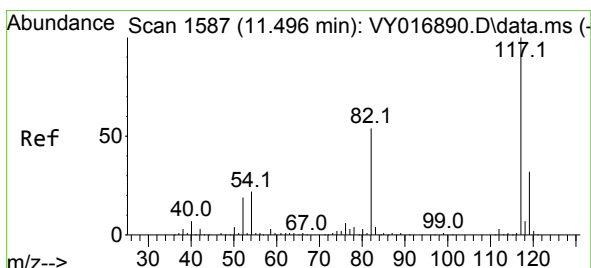
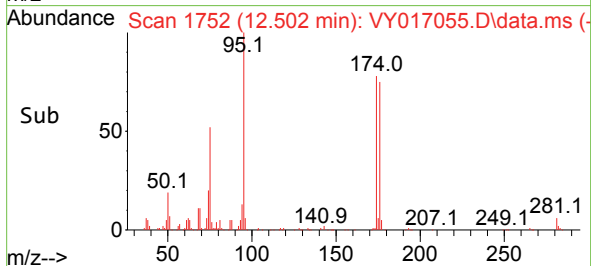
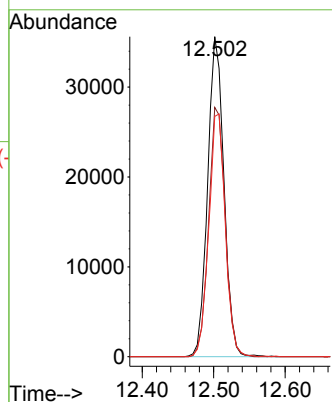
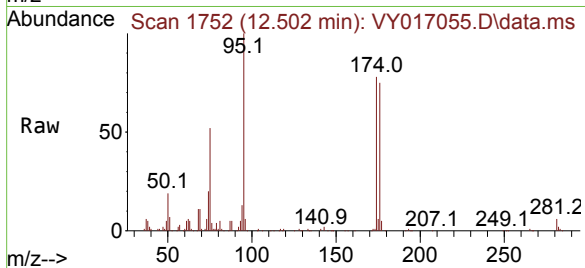




#62
4-Bromofluorobenzene
Concen: 36.630 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

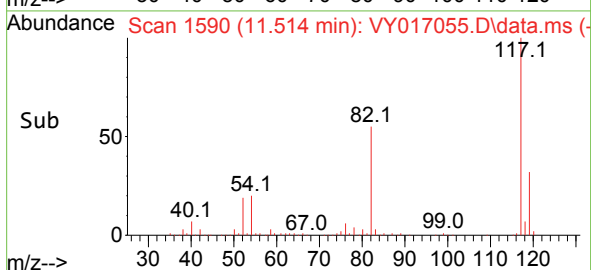
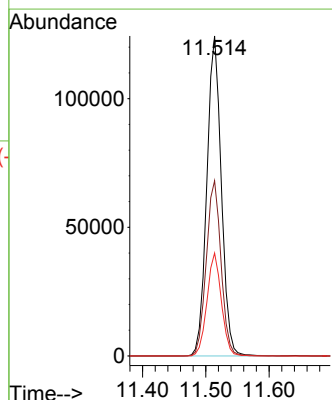
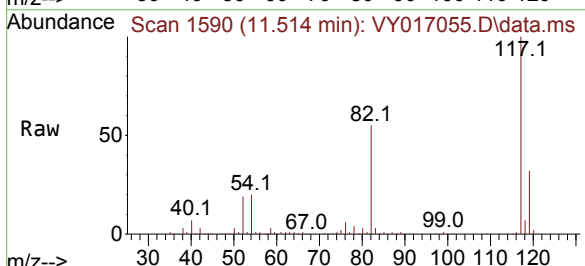
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-9.5-10.0

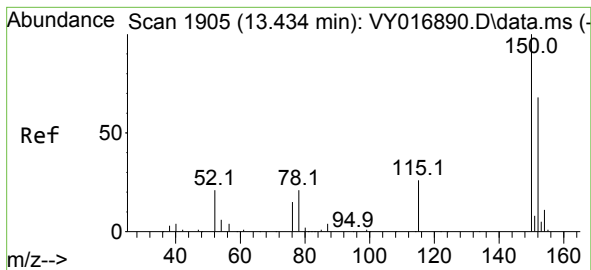
Tgt Ion:	95	Resp:	56296
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	160.0
176	76.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Tgt Ion:	117	Resp:	198161
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.8
119	32.2	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY017055.D

Acq: 19 Jan 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-7-9.5-10.0

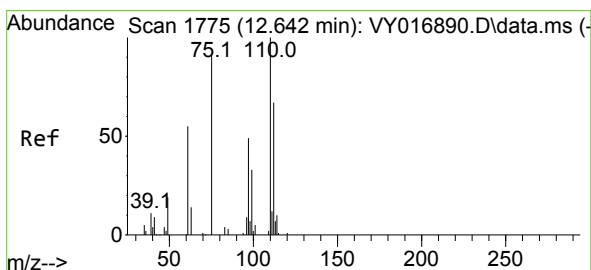
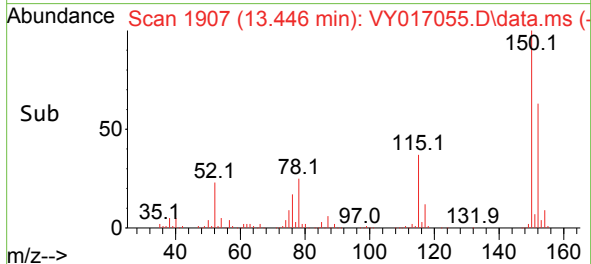
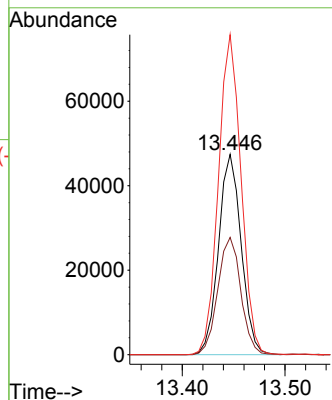
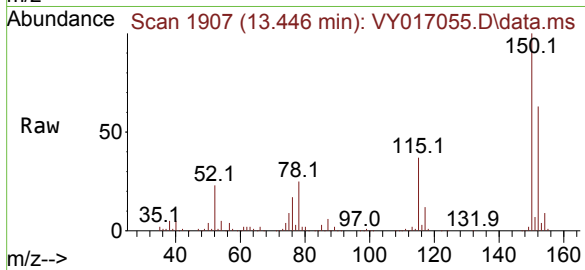
Tgt Ion:152 Resp: 72650

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 159.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.469 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017055.D

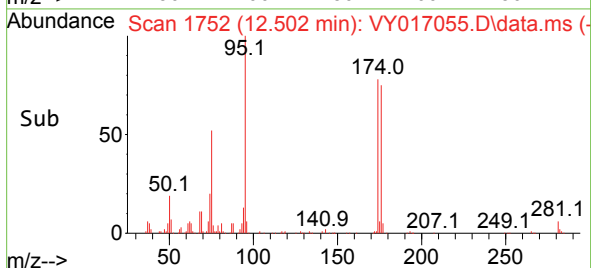
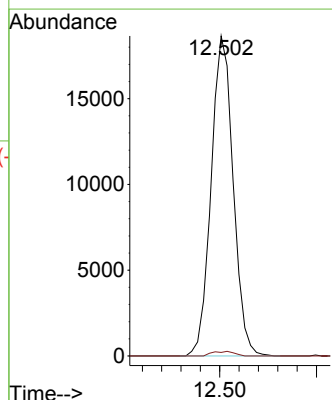
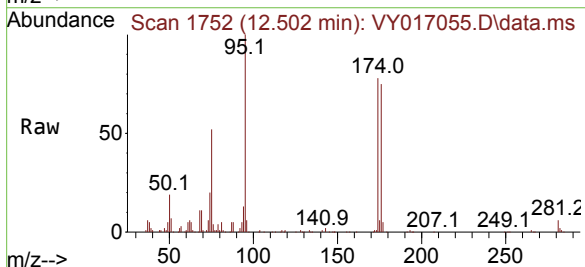
Acq: 19 Jan 2024 14:58

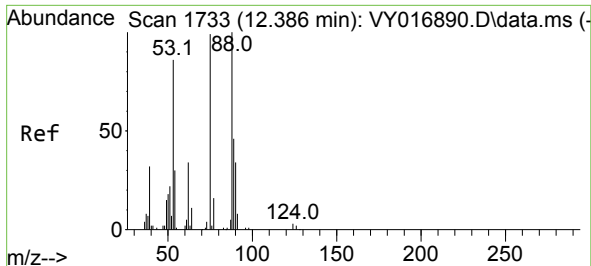
Tgt Ion: 75 Resp: 29540

Ion Ratio Lower Upper

75 100

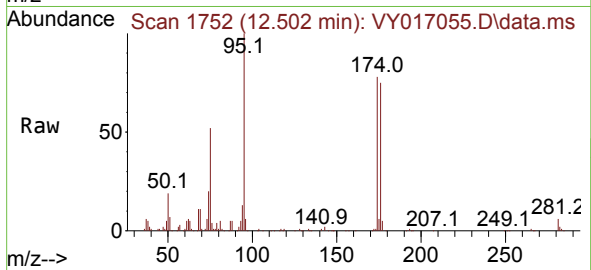
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.083 ug/l
 RT: 12.502 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VY017055.D
 Acq: 19 Jan 2024 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-9.5-10.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.1	36.5	54.7#

