

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018083.D
 Acq On : 29 Apr 2024 21:05
 Operator : SY/MD
 Sample : P2307-04
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:05:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

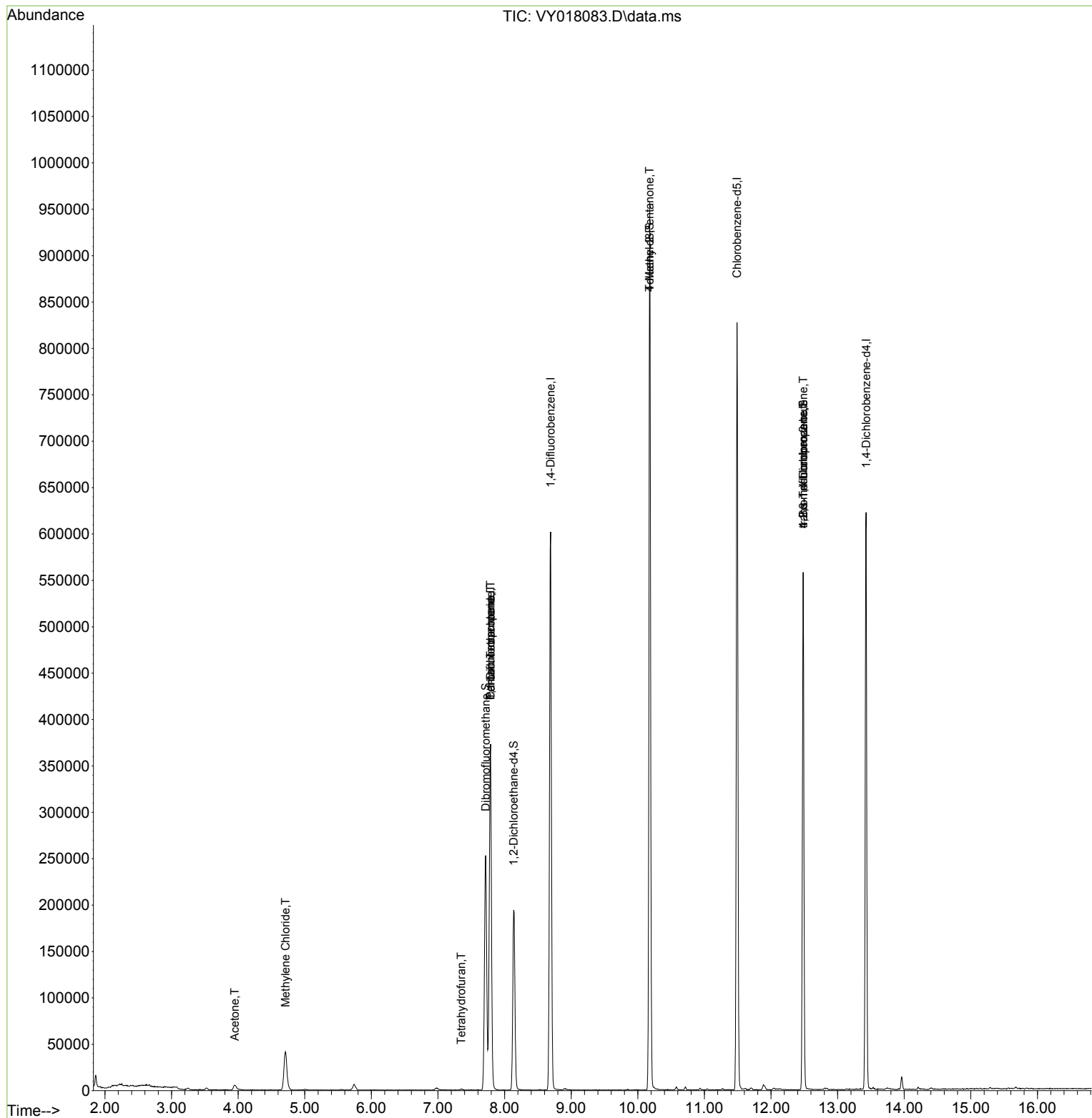
Internal Standards						
1) Pentafluorobenzene	7.789	168	317279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	570464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	499834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145264	52.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.820%	
35) Dibromofluoromethane	7.716	113	183690	52.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.380%	
50) Toluene-d8	10.179	98	647341	48.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.483	95	168714	40.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	373	Below Cal	#	88
16) Acetone	3.948	43	10649	19.629	ug/l	96
20) Methylene Chloride	4.710	84	36433	9.913	ug/l	91
29) Tetrahydrofuran	7.350	42	758	1.498	ug/l #	89
36) 1,1-Dichloropropene	7.789	75	20756	4.055	ug/l #	47
38) Carbon Tetrachloride	7.789	117	27453	5.309	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2121	1.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	78775	47.588	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78775	98.117	ug/l #	16

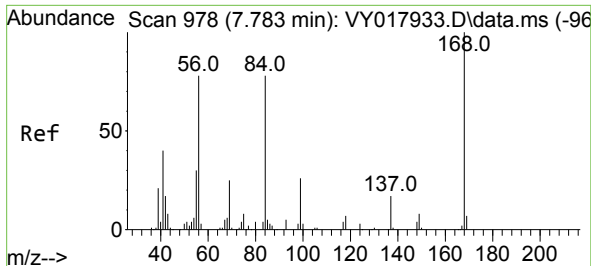
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
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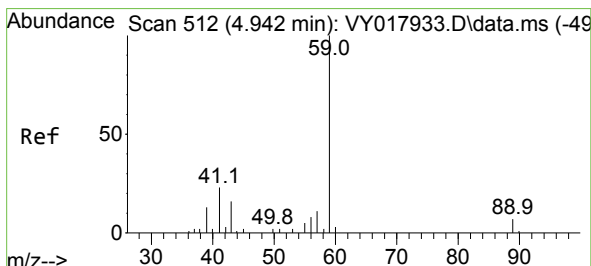
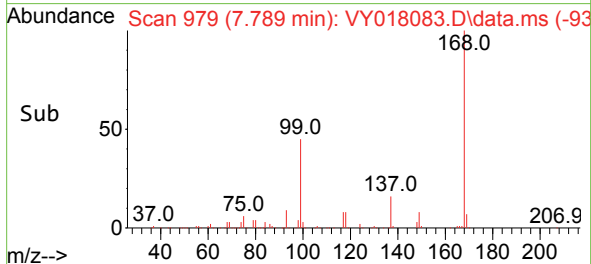
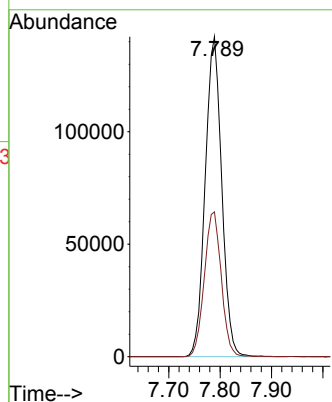
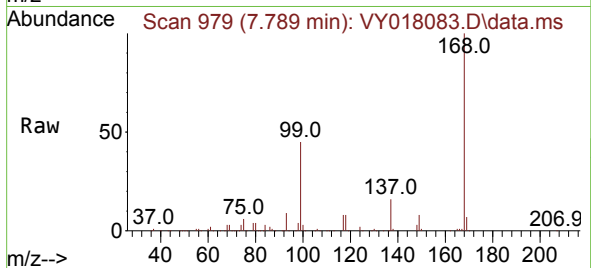




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

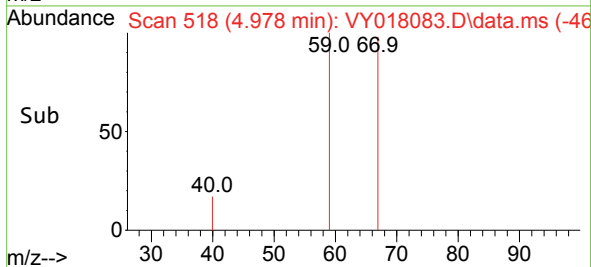
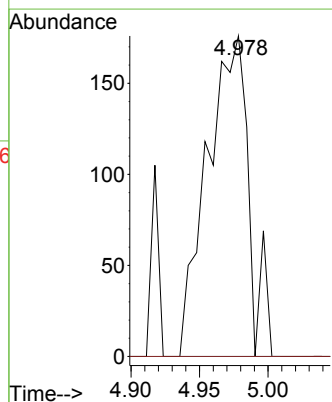
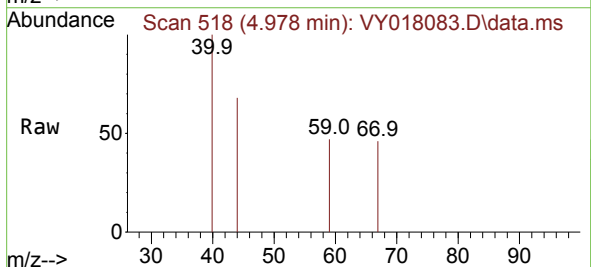
Instrument :
MSVOA_Y
ClientSampleId :

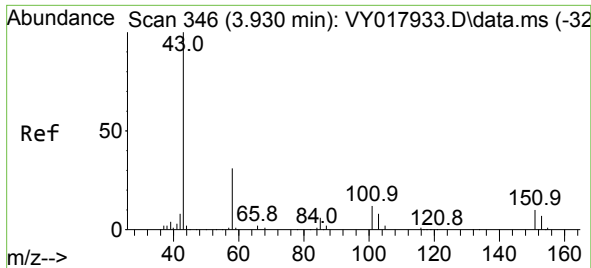
Tgt Ion:168 Resp: 317279
Ion Ratio Lower Upper
168 100
99 45.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.024 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

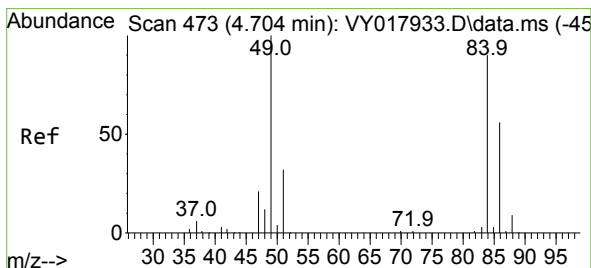
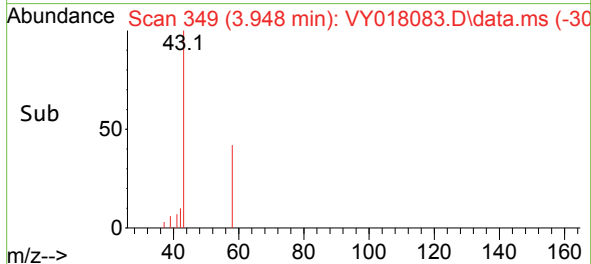
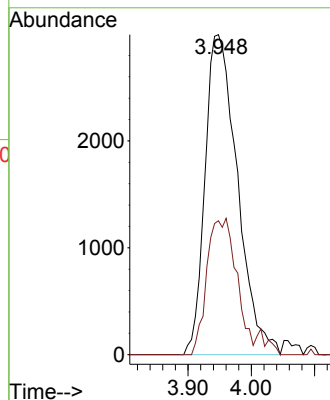
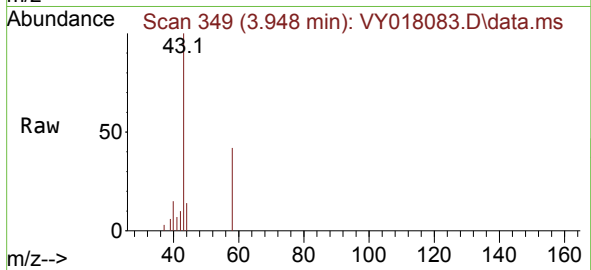




#16
Acetone
Concen: 19.629 ug/l
RT: 3.948 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

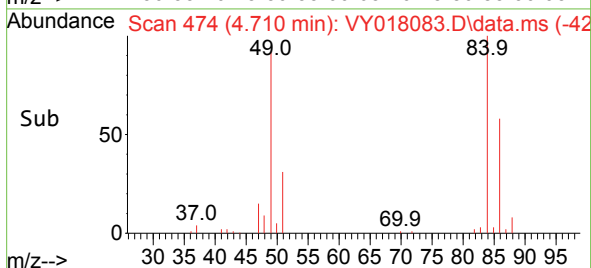
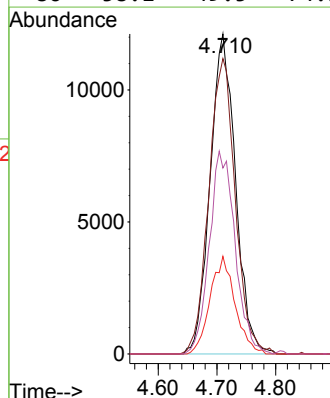
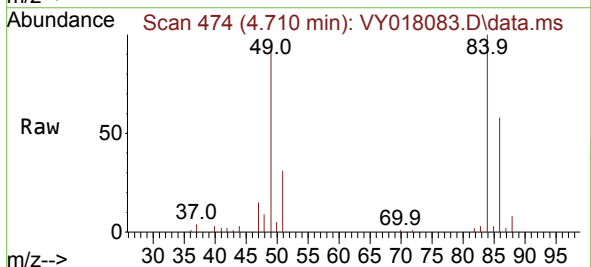
Instrument :
MSVOA_Y
ClientSampleId :

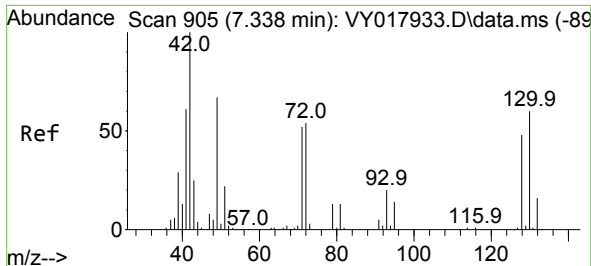
Tgt Ion: 43 Resp: 10649
Ion Ratio Lower Upper
43 100
58 41.9 31.7 47.5



#20
Methylene Chloride
Concen: 9.913 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

Tgt Ion: 84 Resp: 36433
Ion Ratio Lower Upper
84 100
49 92.3 84.4 126.6
51 30.5 26.0 39.0
86 58.1 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.498 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018083.D

Acq: 29 Apr 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

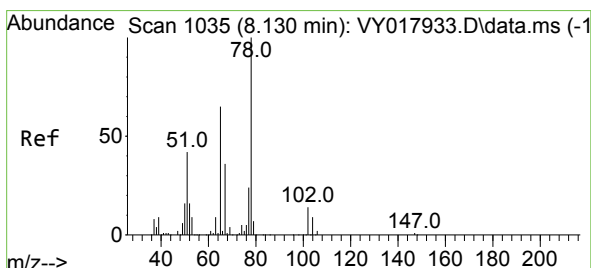
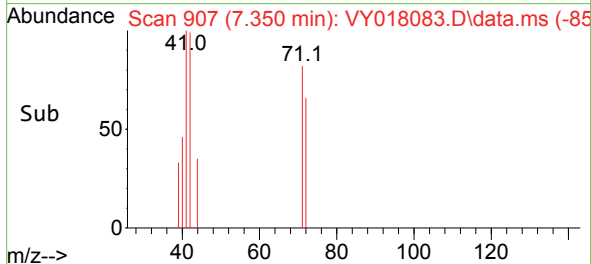
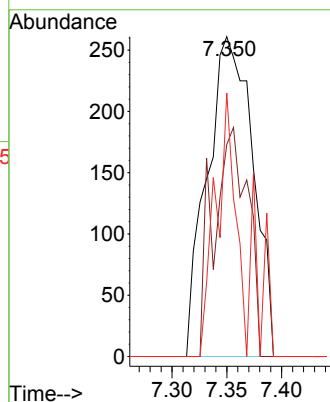
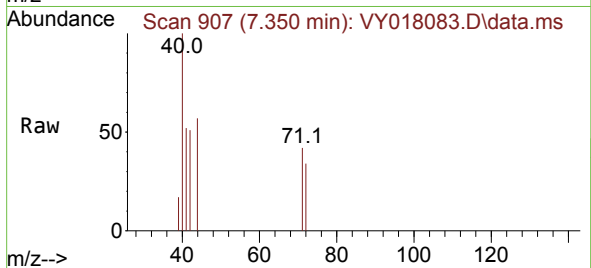
Tgt Ion: 42 Resp: 758

Ion Ratio Lower Upper

42 100

72 53.6 43.0 64.4

71 35.6 40.8 61.2#



#33

1,2-Dichloroethane-d4

Concen: 52.907 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018083.D

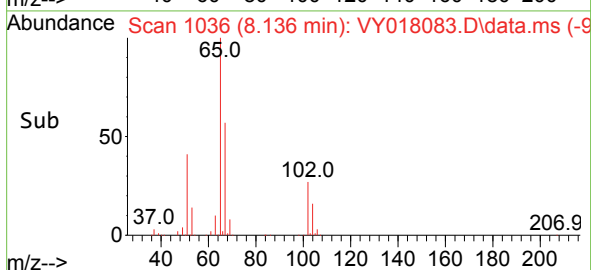
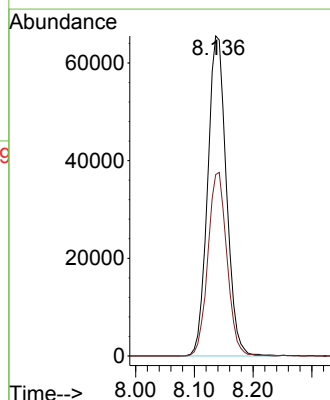
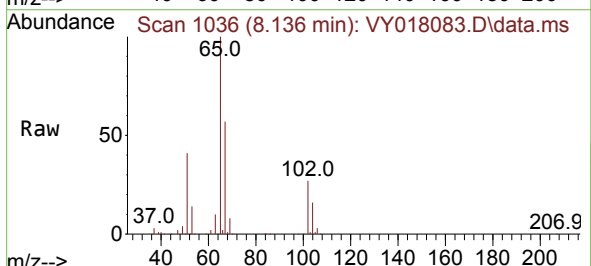
Acq: 29 Apr 2024 21:05

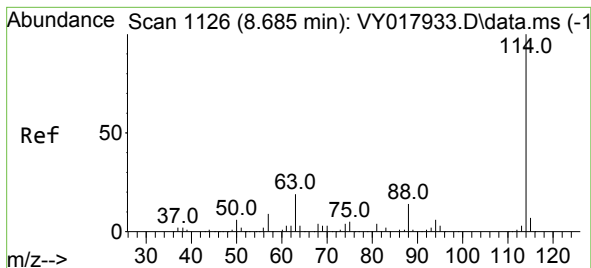
Tgt Ion: 65 Resp: 145264

Ion Ratio Lower Upper

65 100

67 58.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY018083.D

Acq: 29 Apr 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

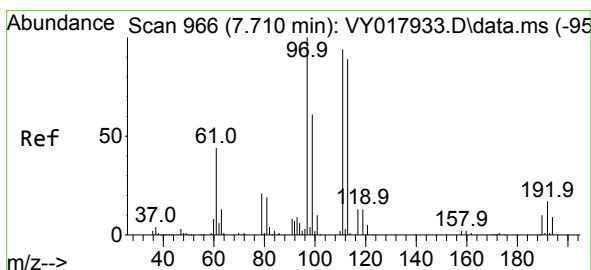
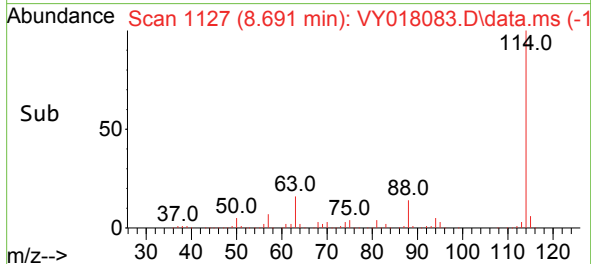
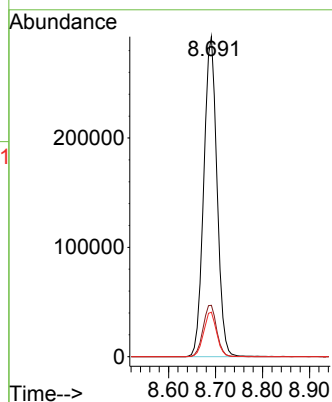
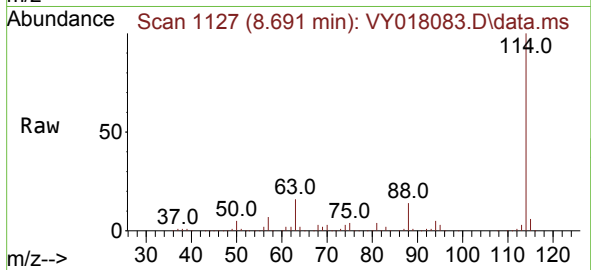
Tgt Ion:114 Resp: 570464

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.193 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018083.D

Acq: 29 Apr 2024 21:05

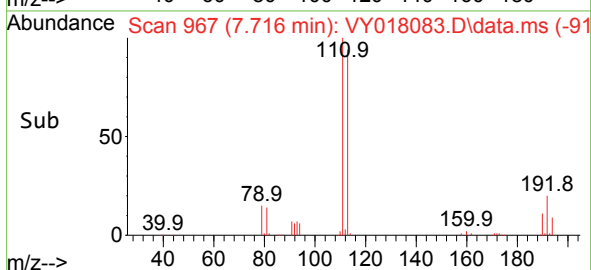
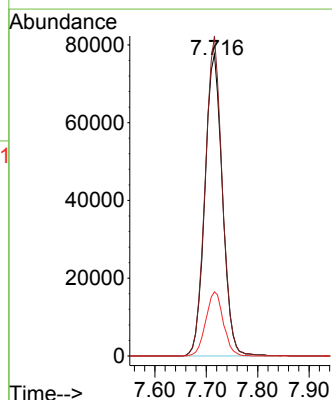
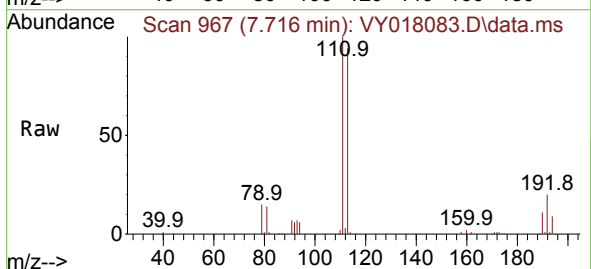
Tgt Ion:113 Resp: 183690

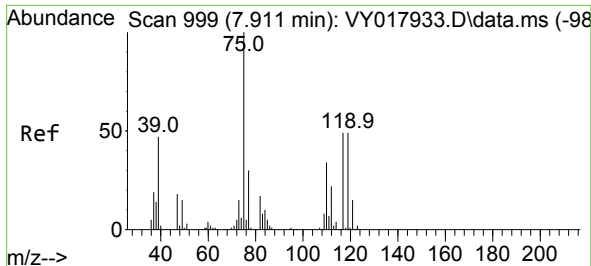
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

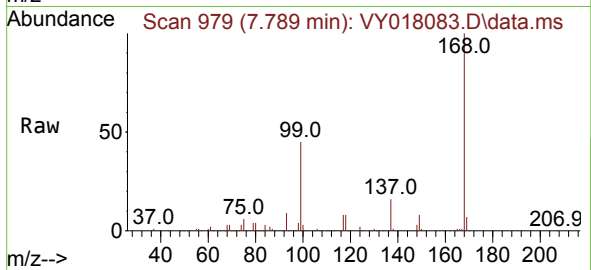
192 21.3 15.9 23.9



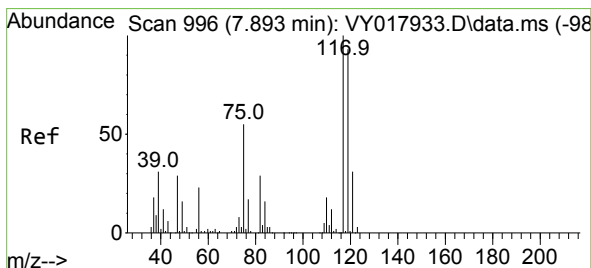
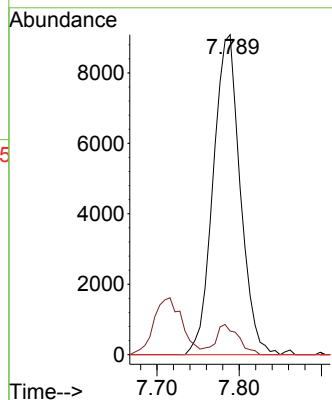
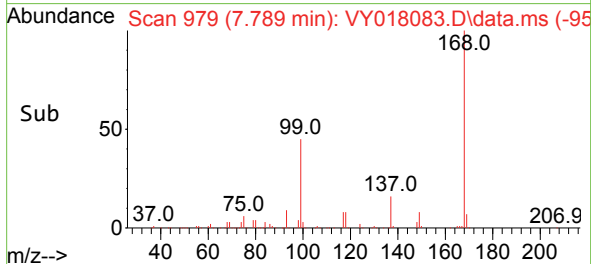


#36
1,1-Dichloropropene
Concen: 4.055 ug/l
RT: 7.789 min Scan# 910
Delta R.T. -0.128 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

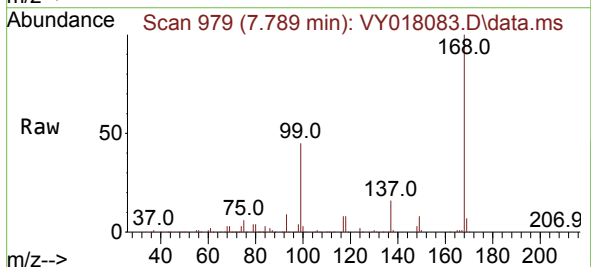
Instrument :
MSVOA_Y
ClientSampleId :



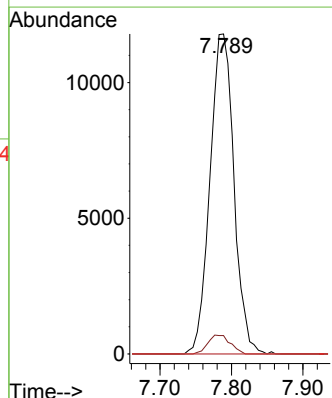
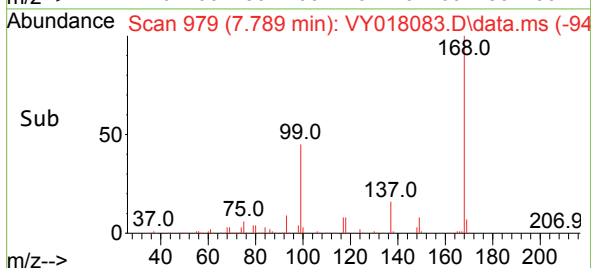
Tgt Ion: 75 Resp: 20756
Ion Ratio Lower Upper
75 100
110 7.8 19.0 57.0#
77 0.0 25.3 37.9#

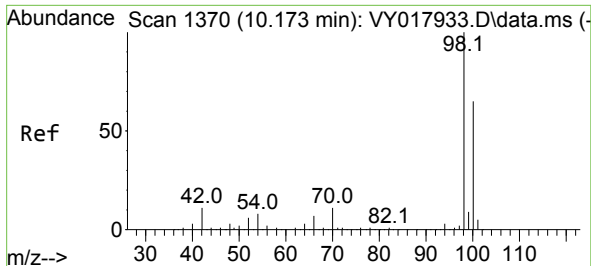


#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05



Tgt Ion: 117 Resp: 27453
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#

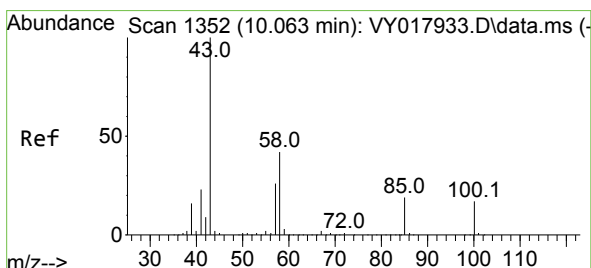
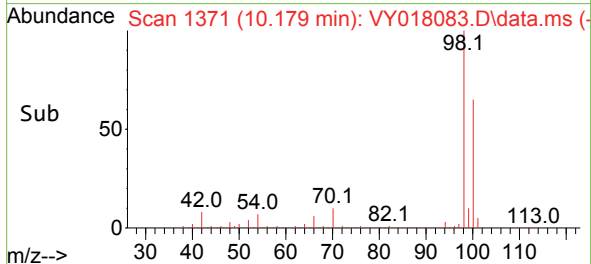
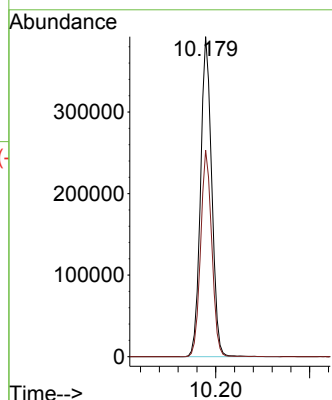
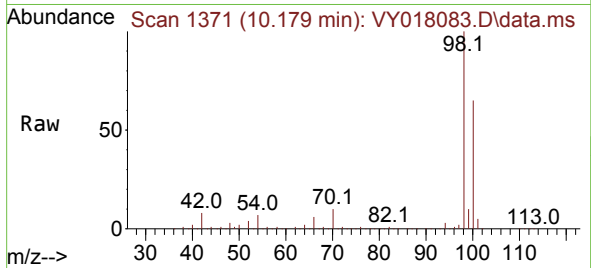




#50
Toluene-d8
Concen: 48.474 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

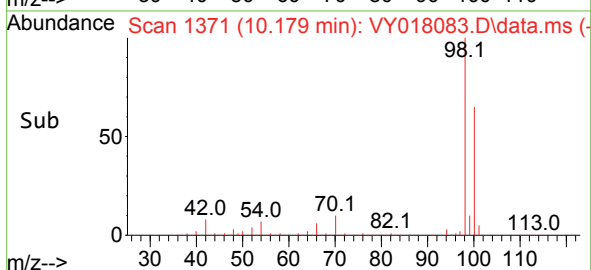
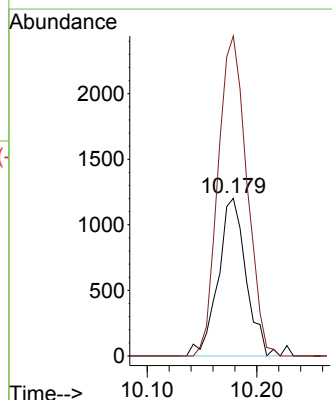
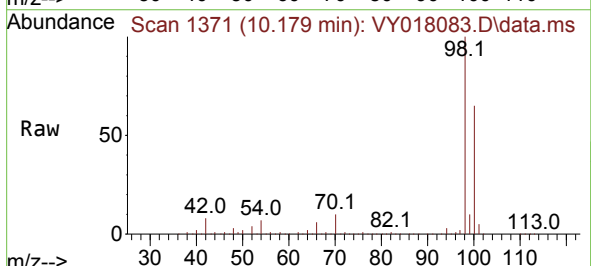
Instrument :
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ClientSampleId :

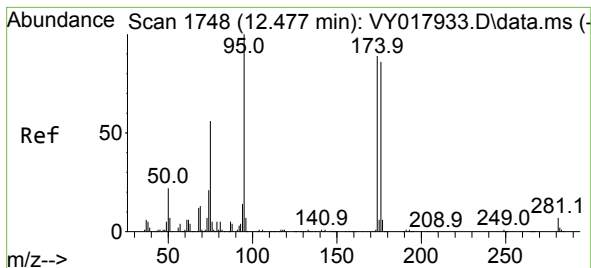
Tgt Ion: 98 Resp: 647341
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.019 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
58 210.1 35.7 53.5#

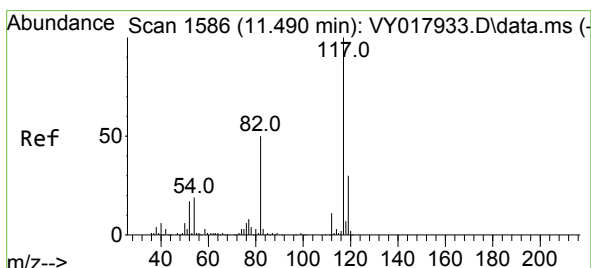
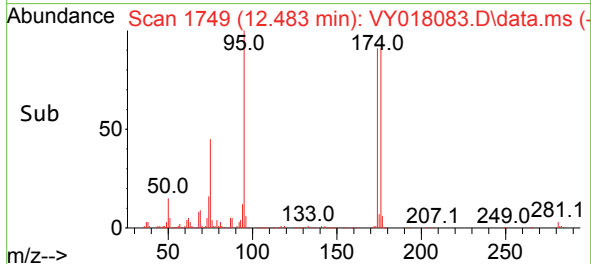
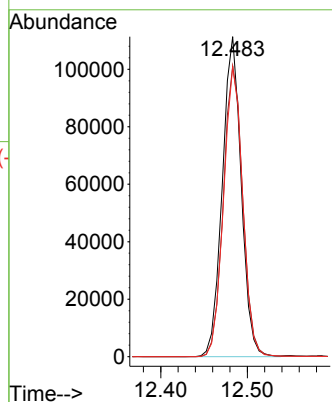
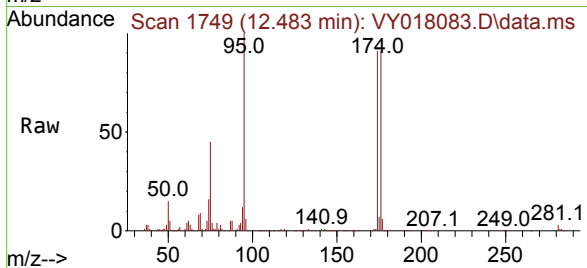




#62
4-Bromofluorobenzene
Concen: 40.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

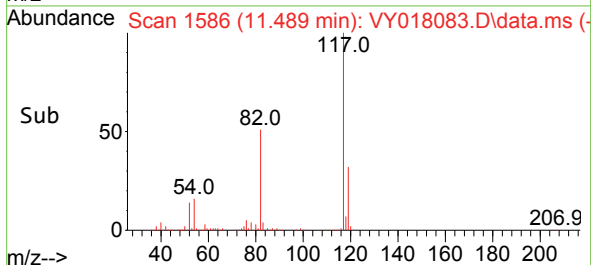
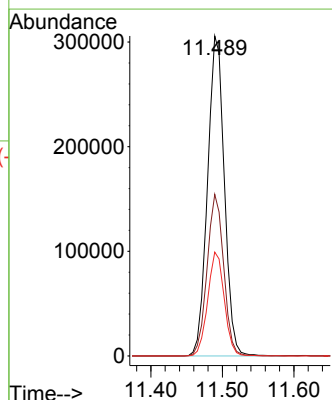
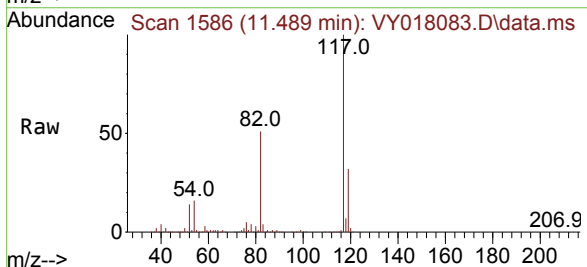
Instrument :
MSVOA_Y
ClientSampleId :

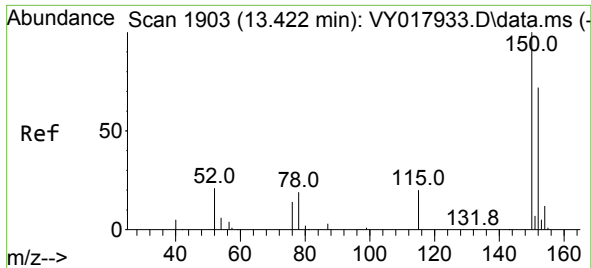
Tgt Ion: 95 Resp: 168714
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 91.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

Tgt Ion: 117 Resp: 499834
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 32.4 25.9 38.9

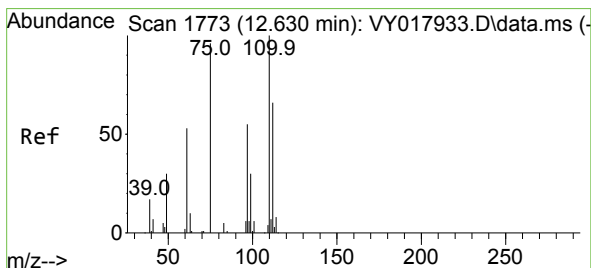
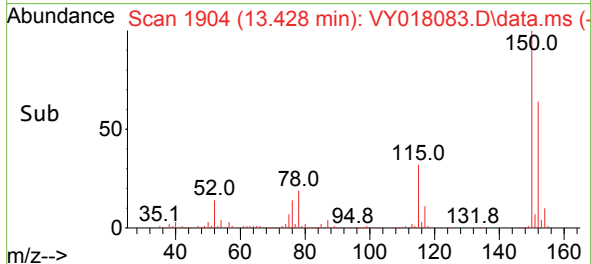
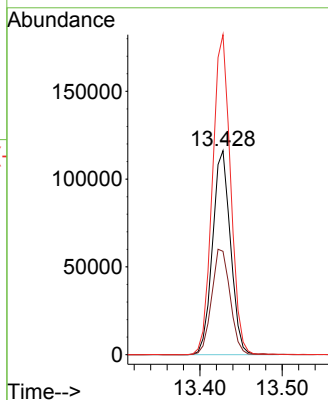
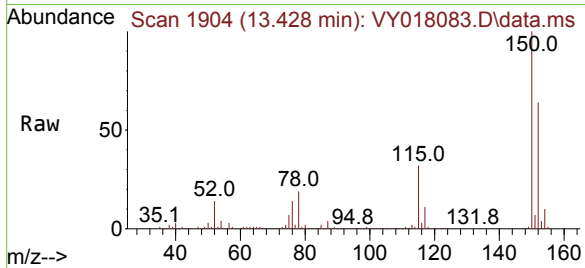




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018083.D
 Acq: 29 Apr 2024 21:05

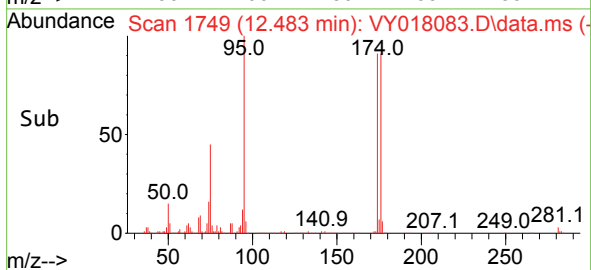
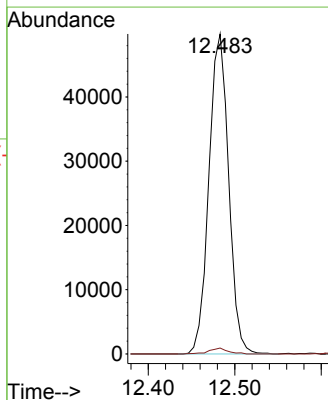
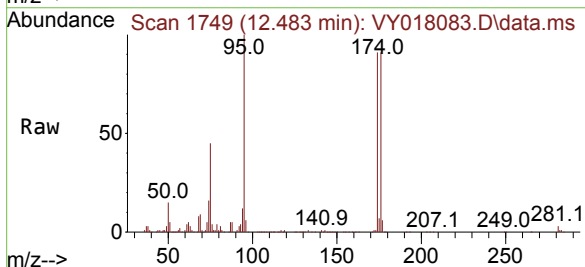
Instrument :
 MSVOA_Y
 ClientSampleId :

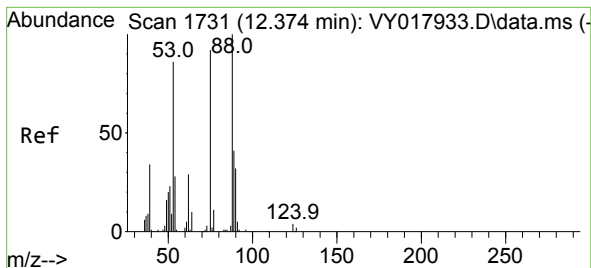
Tgt Ion:152 Resp: 176406
 Ion Ratio Lower Upper
 152 100
 115 53.2 28.2 84.7
 150 158.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 47.588 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY018083.D
 Acq: 29 Apr 2024 21:05

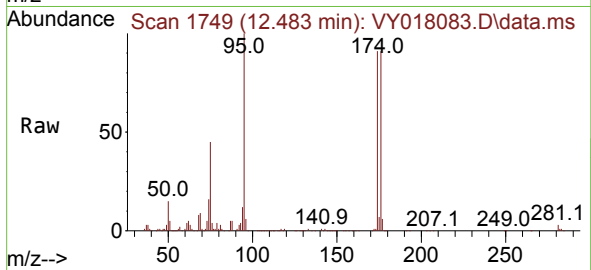
Tgt Ion: 75 Resp: 78775
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.117 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018083.D
 Acq: 29 Apr 2024 21:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 78775
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

