

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016964.D
 Acq On : 10 Jan 2024 11:17
 Operator : SY/MD
 Sample : VY0110SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:09:16 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)

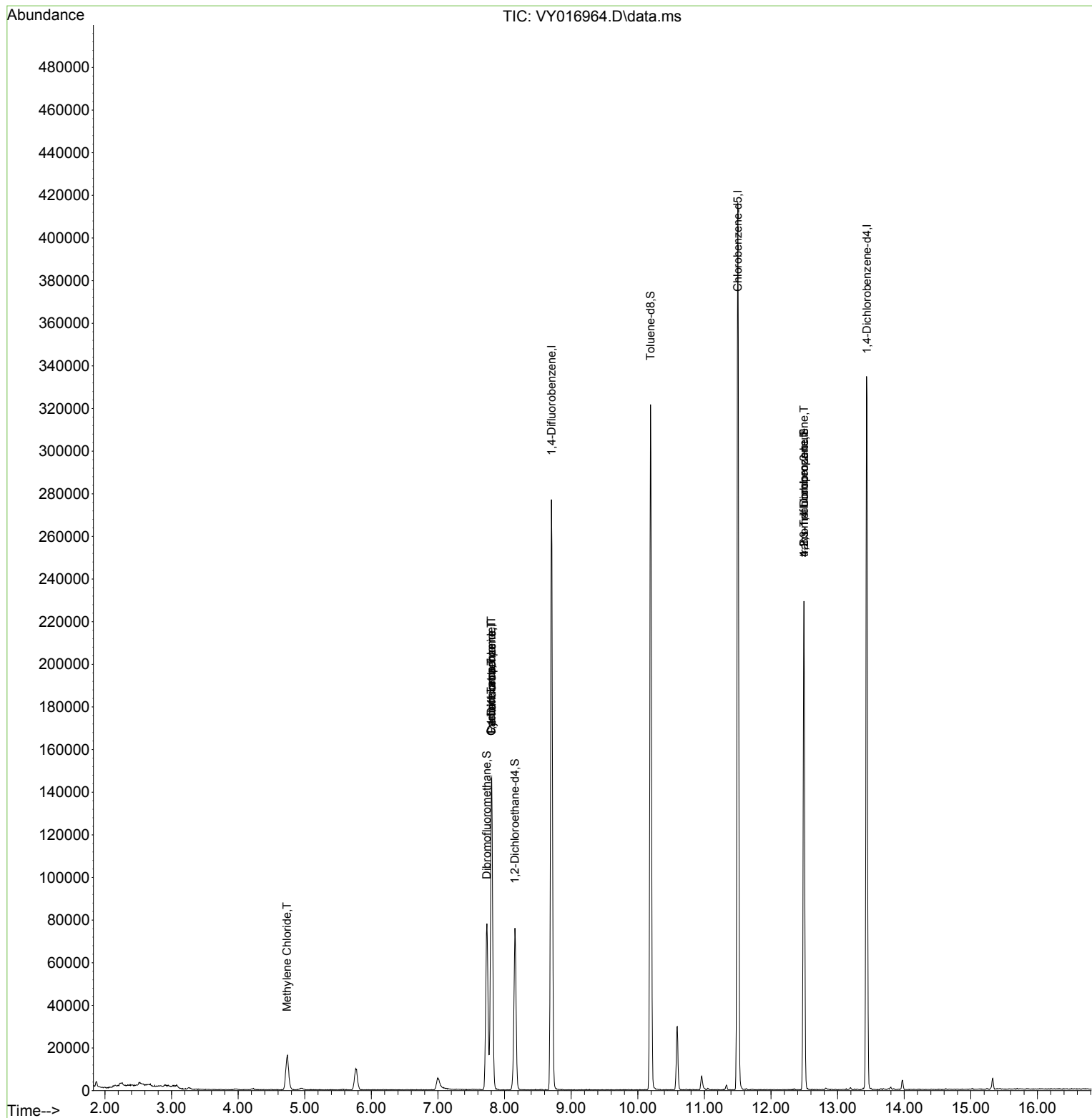
Internal Standards						
1) Pentafluorobenzene	7.807	168	111640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	233175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	223919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55619	50.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.820%	
35) Dibromofluoromethane	7.734	113	56518	38.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.080%	
50) Toluene-d8	10.191	98	206528	40.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.720%	
62) 4-Bromofluorobenzene	12.496	95	65386	37.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	533	Below Cal	#	75
16) Acetone	3.973	43	777	Below Cal	#	80
20) Methylene Chloride	4.735	84	12192	1.761	ug/l	95
25) 2-Butanone	7.027	43	425	Below Cal	#	48
31) Cyclohexane	7.801	56	2588	1.367	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	9665	4.463	ug/l	# 49
38) Carbon Tetrachloride	7.801	117	11570	5.259	ug/l	# 17
76) 1,2,3-Trichloropropane	12.496	75	35257	38.517	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.496	75	35257	87.464	ug/l	# 12

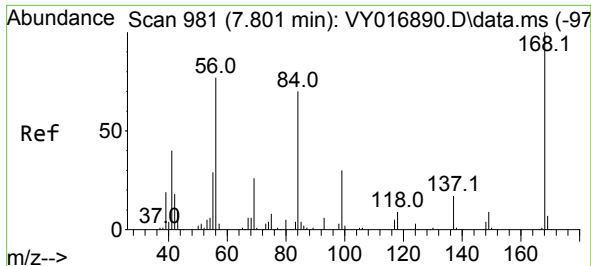
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
Data File : VY016964.D
Acq On : 10 Jan 2024 11:17
Operator : SY/MD
Sample : VY0110SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 11 00:09:16 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

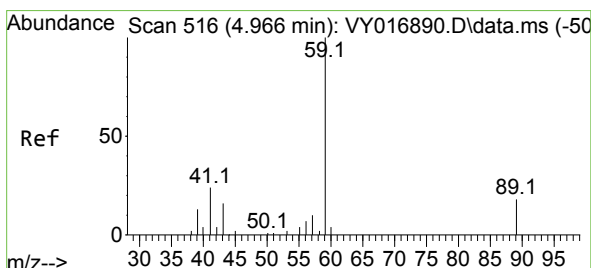
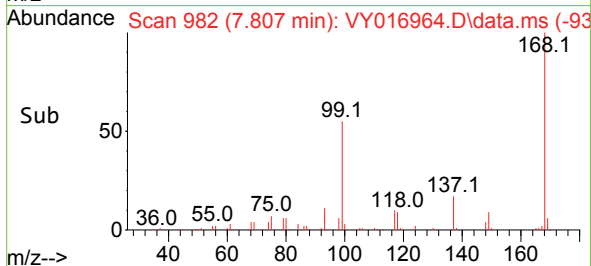
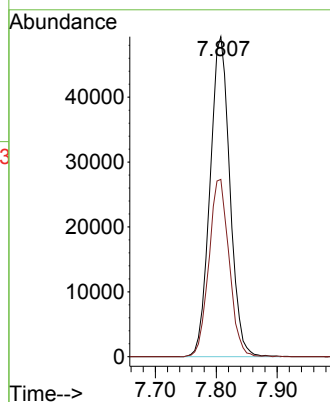
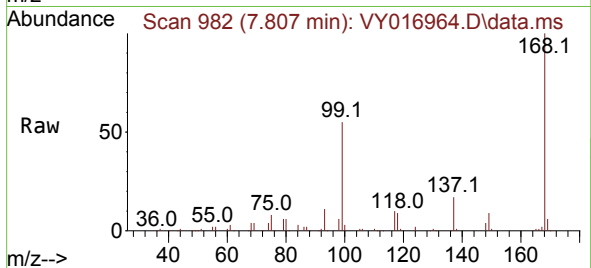




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

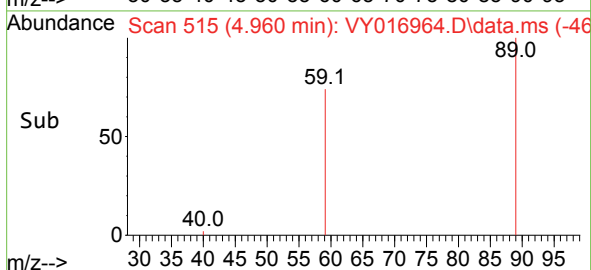
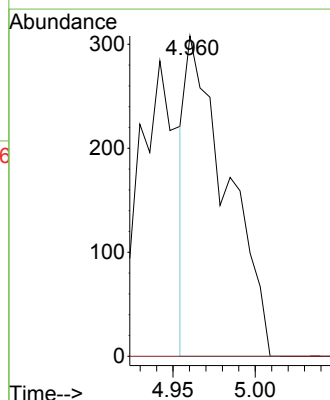
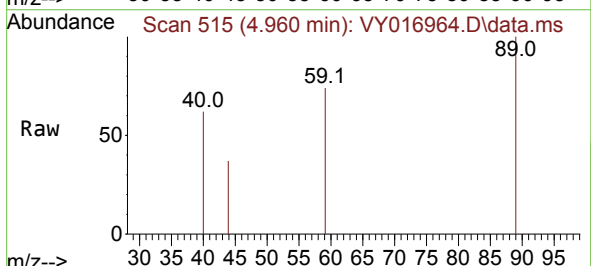
Instrument :
MSVOA_Y
ClientSampleId :

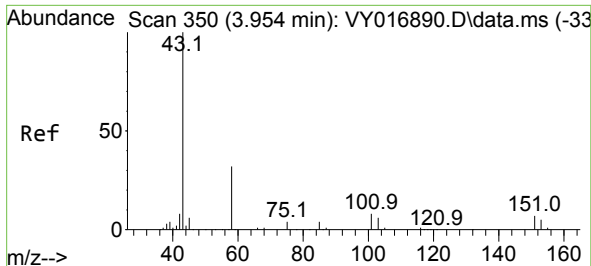
Tgt Ion:168 Resp: 111640
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

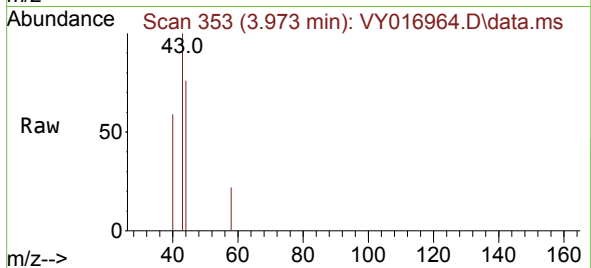
Tgt Ion: 59 Resp: 533
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



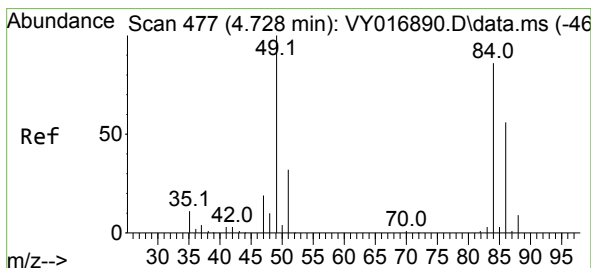
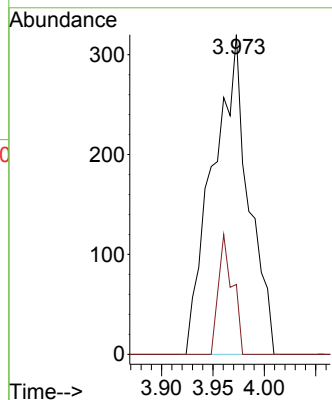
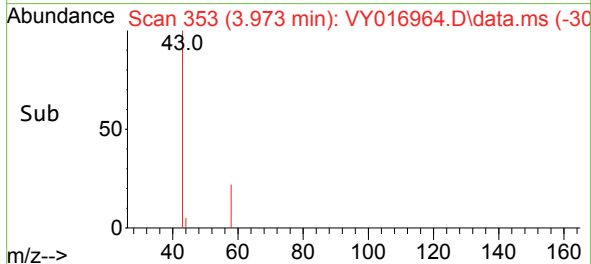


#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

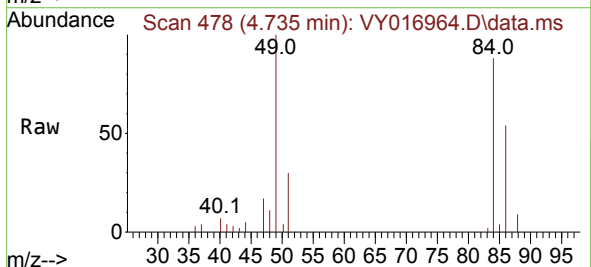
Instrument :
MSVOA_Y
ClientSampleId :



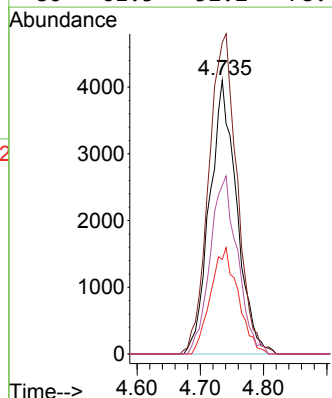
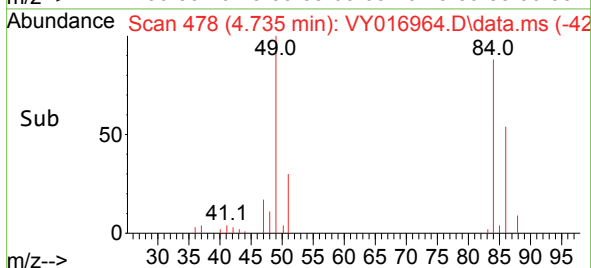
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
58 21.9 26.6 39.8#

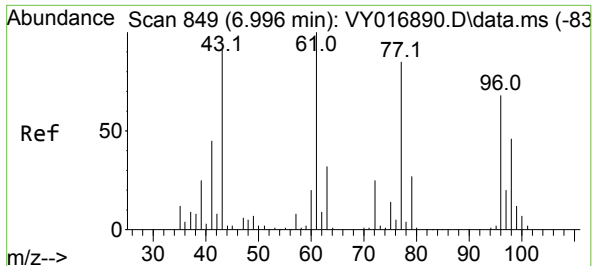


#20
Methylene Chloride
Concen: 1.761 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17



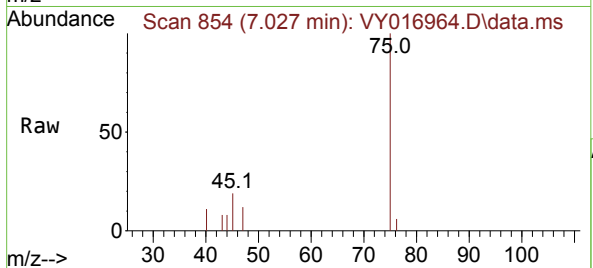
Tgt Ion: 84 Resp: 12192
Ion Ratio Lower Upper
84 100
49 113.8 95.2 142.8
51 34.6 29.9 44.9
86 61.5 52.2 78.4



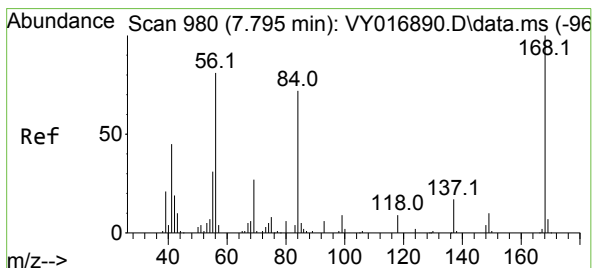
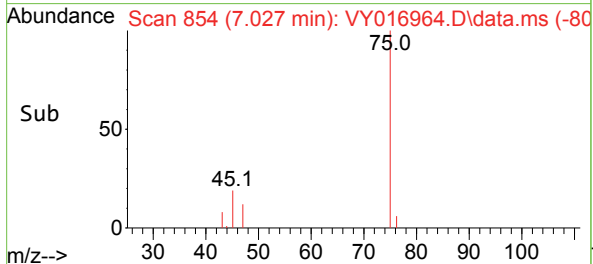
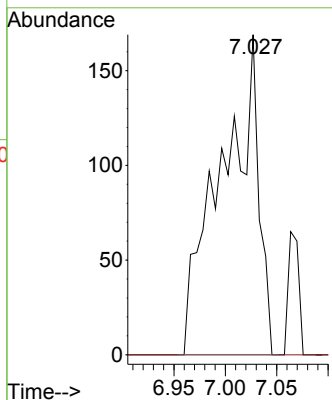


#25
2-Butanone
Concen: Below Cal
RT: 7.027 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Instrument :
MSVOA_Y
ClientSampleId :

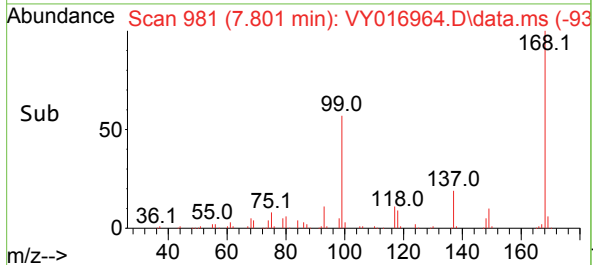
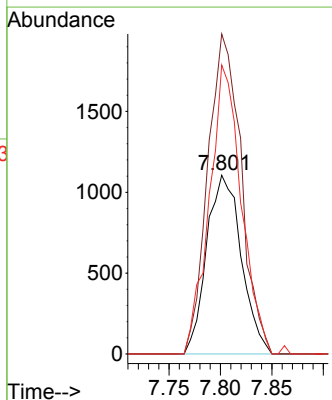
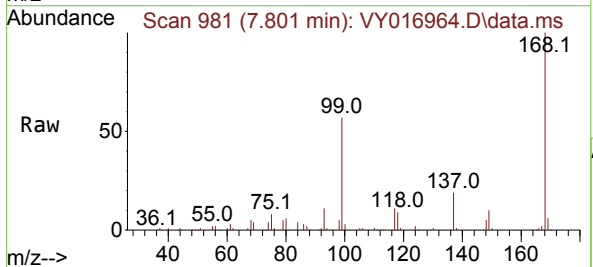


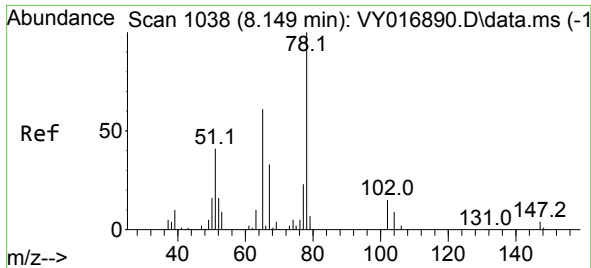
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Tgt Ion: 56 Resp: 2588
Ion Ratio Lower Upper
56 100
69 179.1 27.0 40.6#
84 161.7 71.8 107.6#

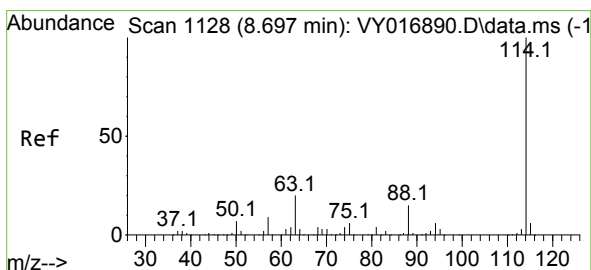
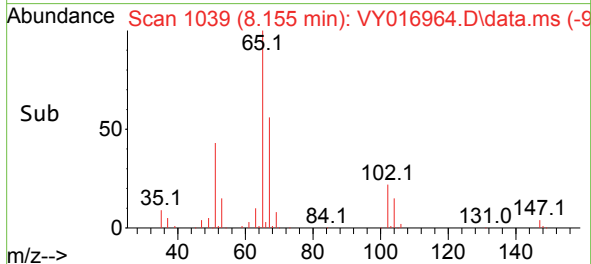
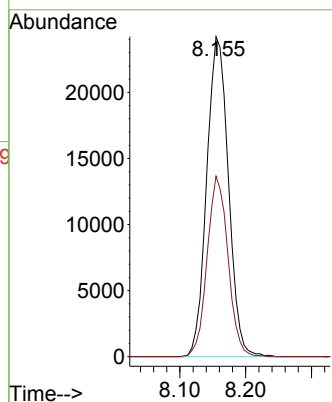
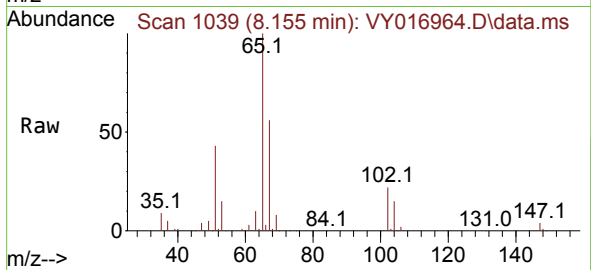




#33
1,2-Dichloroethane-d4
Concen: 50.407 ug/l
RT: 8.155 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

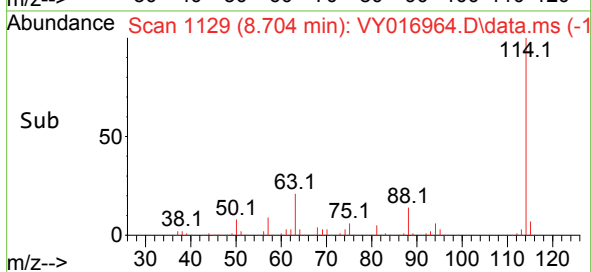
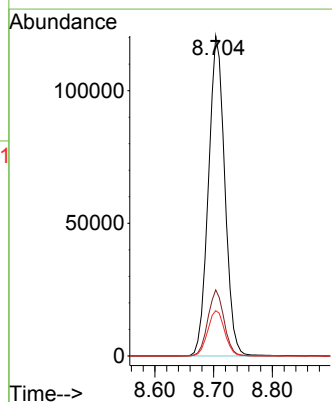
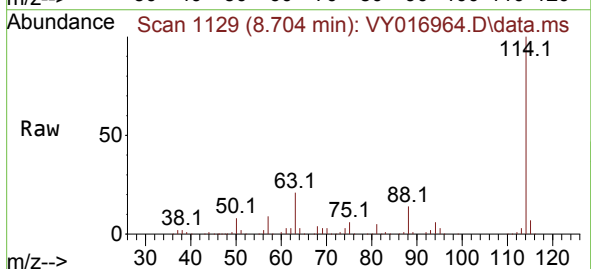
Instrument :
MSVOA_Y
ClientSampleId :

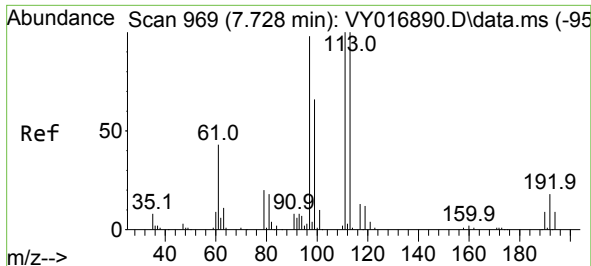
Tgt Ion: 65 Resp: 55619
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.001 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

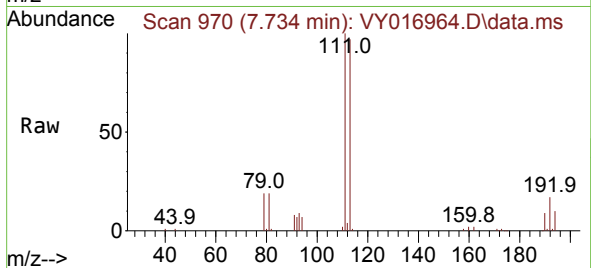
Tgt Ion: 114 Resp: 233175
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 14.2 0.0 29.0



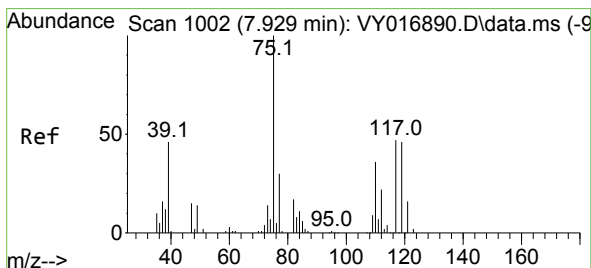
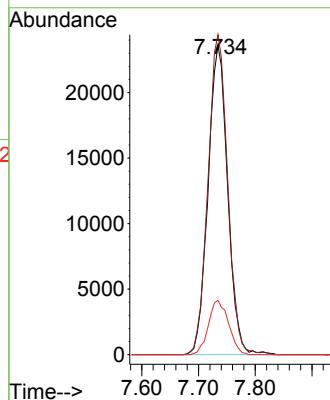
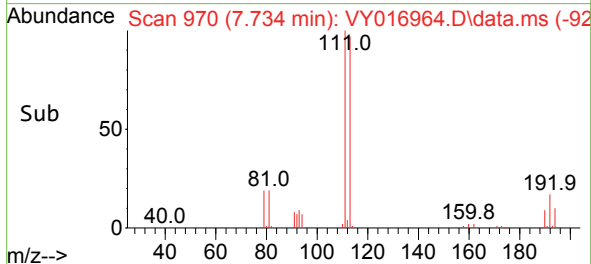


#35
Dibromofluoromethane
Concen: 38.037 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Instrument :
MSVOA_Y
ClientSampleId :

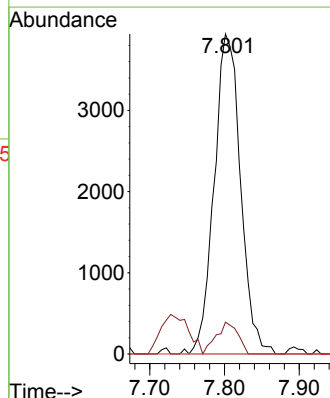
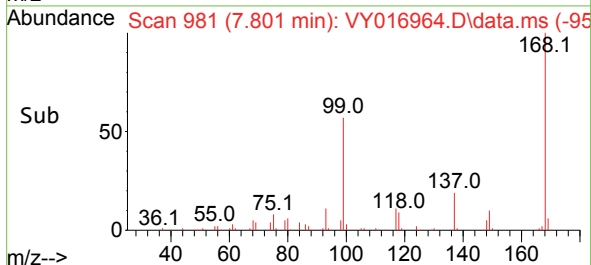
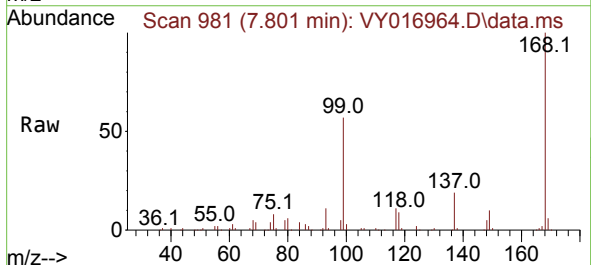


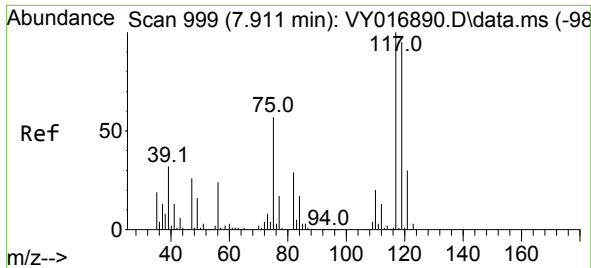
Tgt Ion:113 Resp: 56518
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

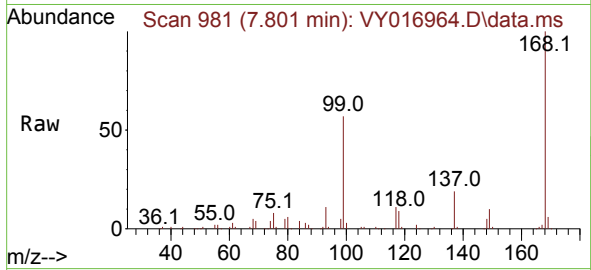
Tgt Ion: 75 Resp: 9665
Ion Ratio Lower Upper
75 100
110 8.1 17.4 52.3#
77 0.0 24.7 37.1#



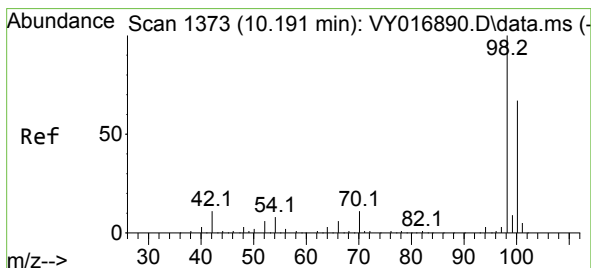
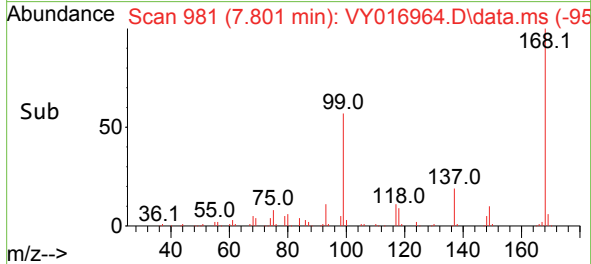
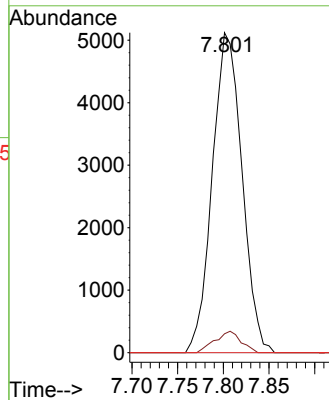


#38
Carbon Tetrachloride
Concen: 5.259 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Instrument :
MSVOA_Y
ClientSampleId :

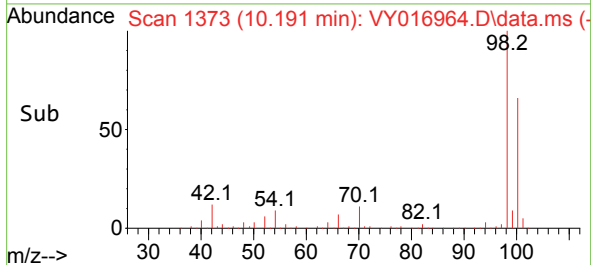
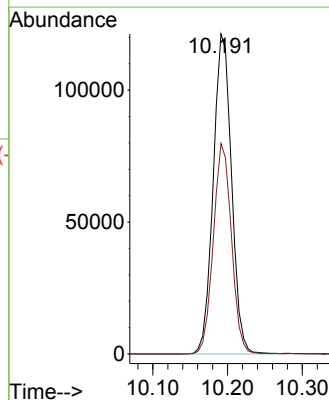
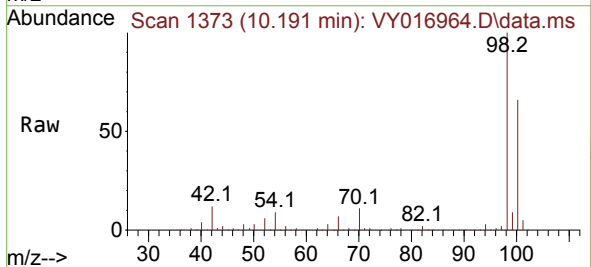


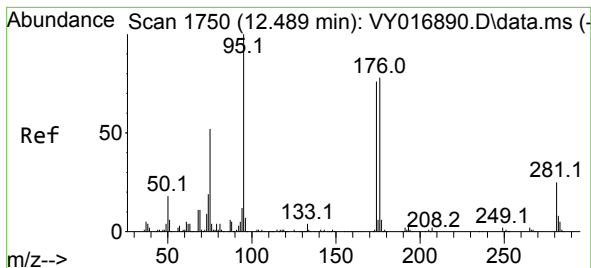
Tgt Ion:117 Resp: 11570
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.364 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Tgt Ion: 98 Resp: 206528
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

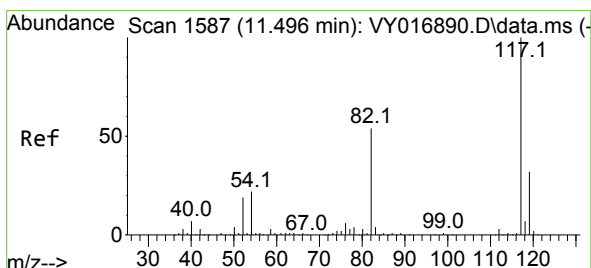
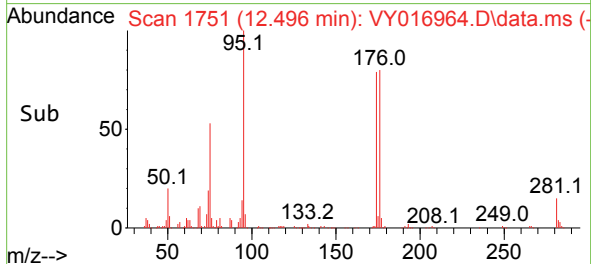
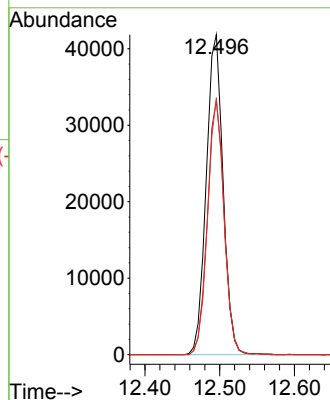
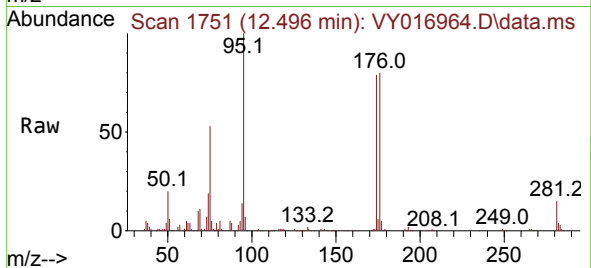




#62
4-Bromofluorobenzene
Concen: 37.877 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

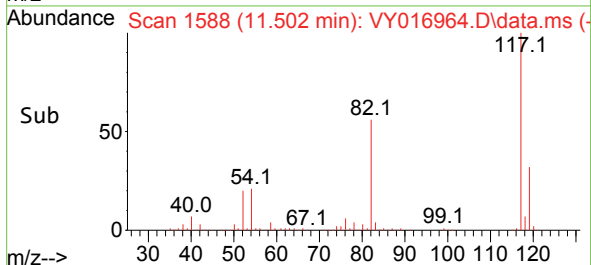
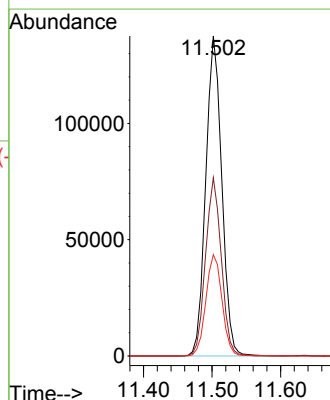
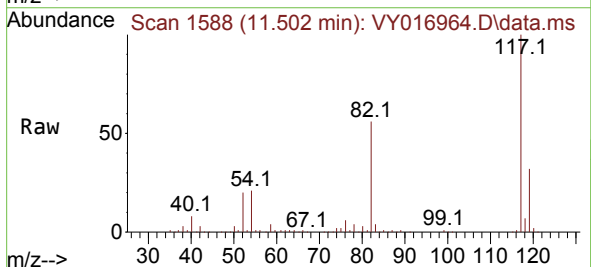
Instrument :
MSVOA_Y
ClientSampleId :

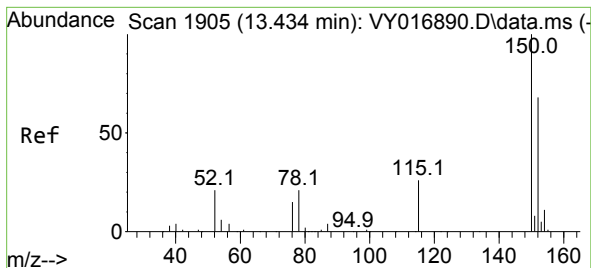
Tgt Ion: 95 Resp: 65386
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 77.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Tgt Ion: 117 Resp: 223919
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016964.D

Acq: 10 Jan 2024 11:17

Instrument :

MSVOA_Y

ClientSampleId :

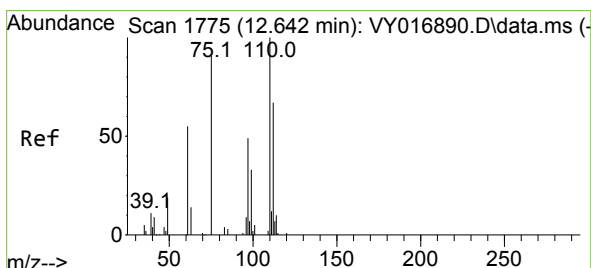
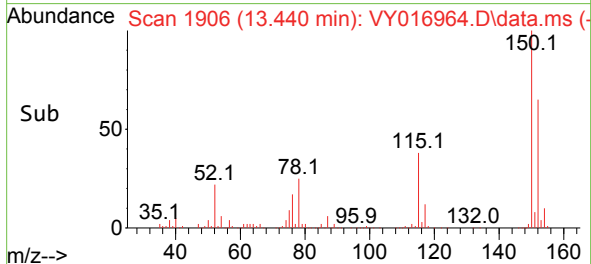
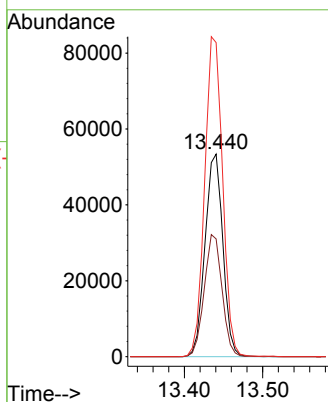
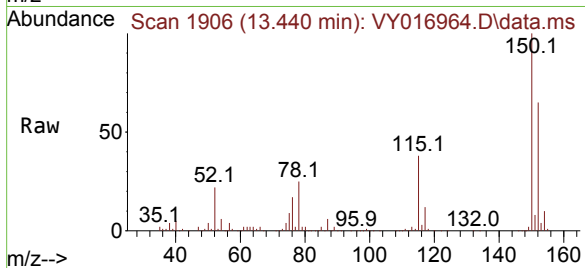
Tgt Ion:152 Resp: 84350

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 158.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 38.517 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY016964.D

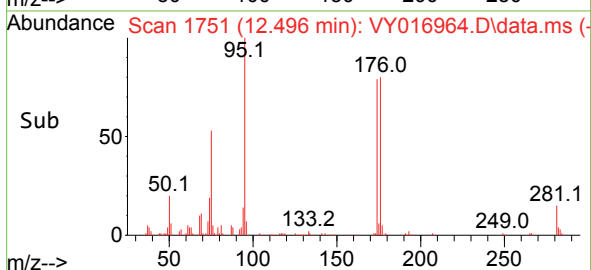
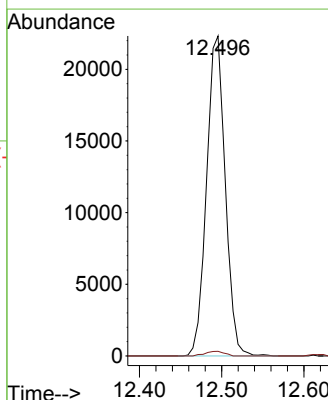
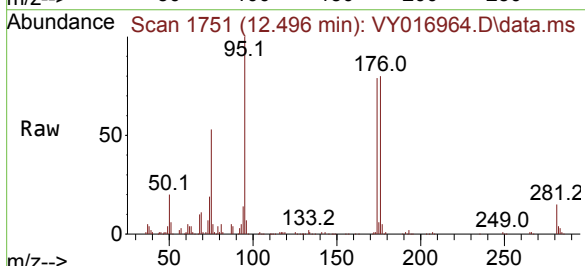
Acq: 10 Jan 2024 11:17

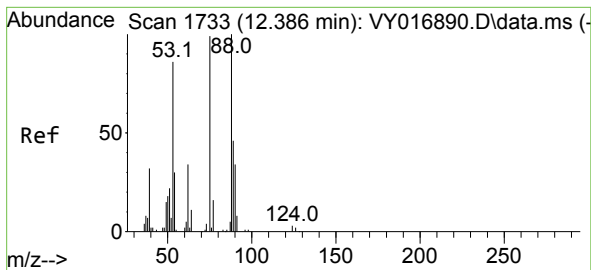
Tgt Ion: 75 Resp: 35257

Ion Ratio Lower Upper

75 100

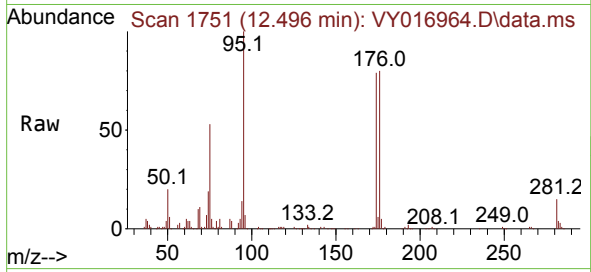
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.464 ug/l
 RT: 12.496 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VY016964.D
 Acq: 10 Jan 2024 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35257
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#

