

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016958.D
 Acq On : 09 Jan 2024 18:55
 Operator : SY/MD
 Sample : P1085-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:31:33 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)

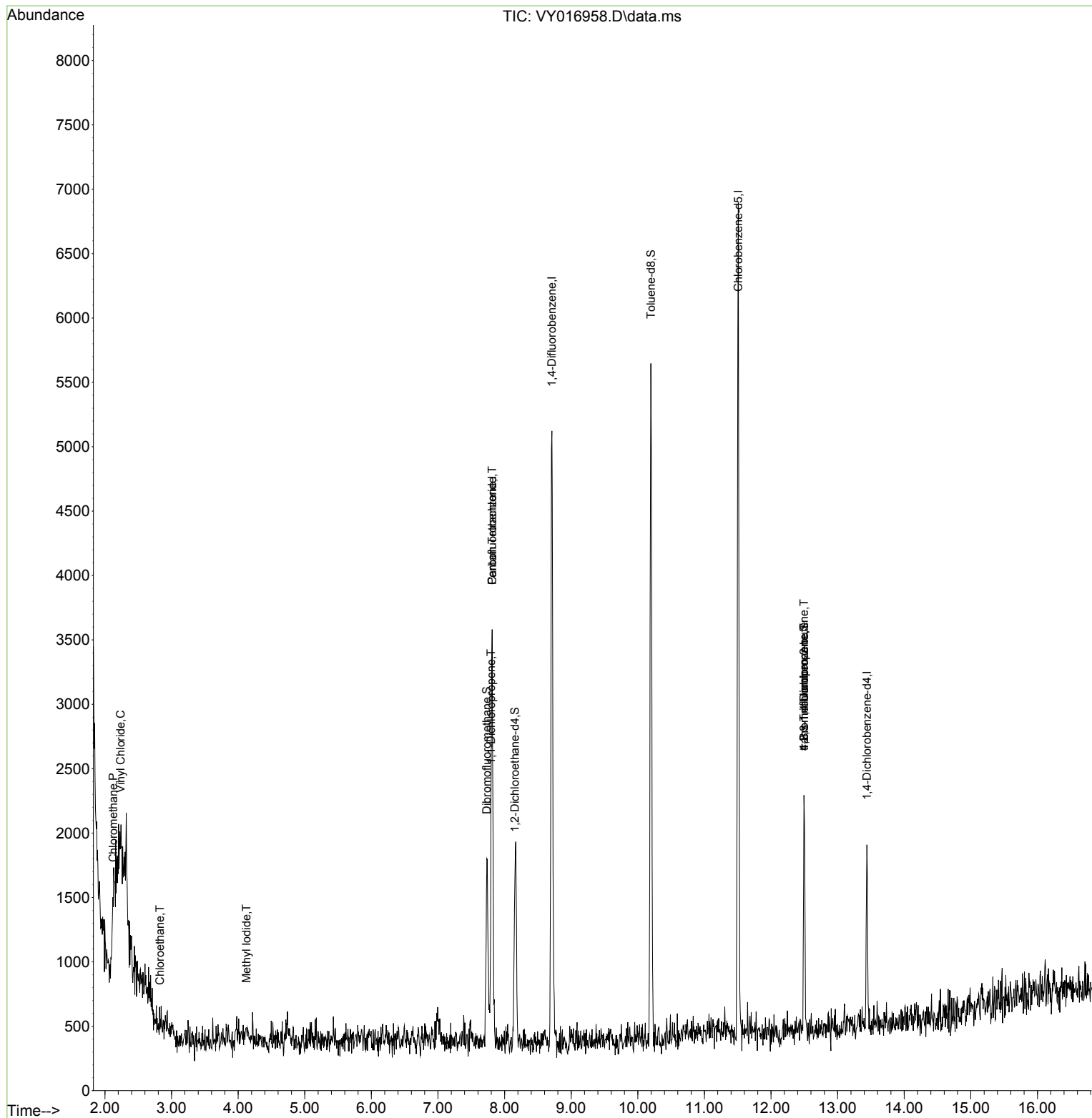
Internal Standards						
1) Pentafluorobenzene	7.813	168	2827	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.709	114	4913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	3776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	693	24.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	49.600%#
35) Dibromofluoromethane	7.734	113	1145	36.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.140%
50) Toluene-d8	10.197	98	3910	36.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.540%
62) 4-Bromofluorobenzene	12.495	95	666	18.310	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	40	1.204	ug/l #	41
4) Vinyl Chloride	2.235	62	78	1.991	ug/l #	43
6) Chloroethane	2.826	64	176	6.642	ug/l #	43
10) Methyl Iodide	4.125	142	112	4.195	ug/l #	40
16) Acetone	3.954	43	151	Below Cal	#	41
20) Methylene Chloride	4.741	84	107	Below Cal	#	47
36) 1,1-Dichloropropene	7.795	75	192	4.208	ug/l #	42
38) Carbon Tetrachloride	7.813	117	188	4.056	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	325	70.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	325	160.772	ug/l #	12

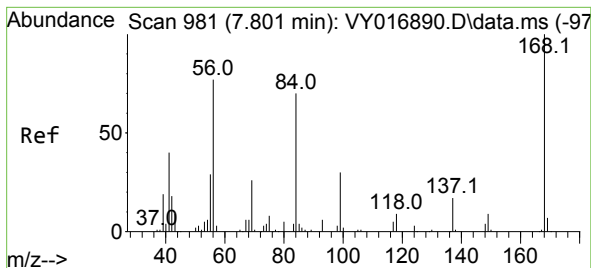
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.813 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY016958.D

Acq: 09 Jan 2024 18:55

Instrument :

MSVOA_Y

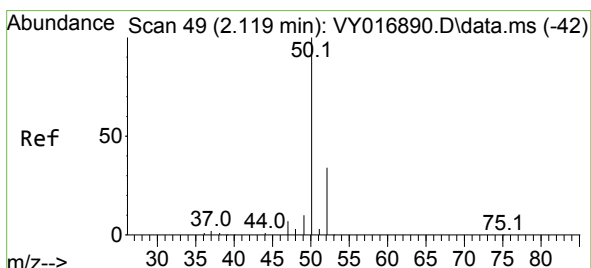
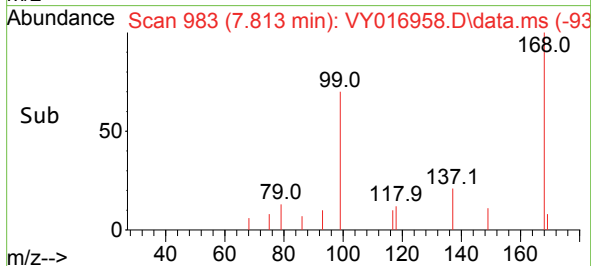
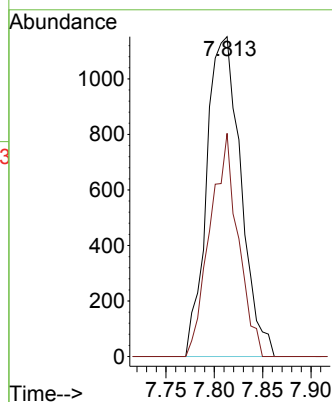
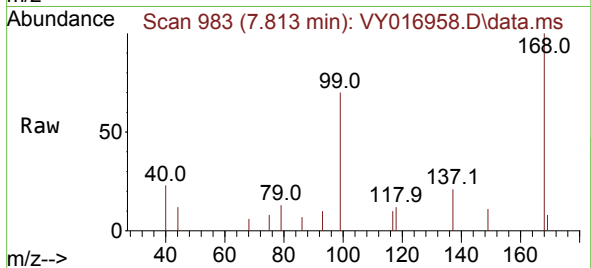
ClientSampleId :

Tgt Ion:168 Resp: 2827

Ion Ratio Lower Upper

168 100

99 69.8 44.2 66.4#



#3

Chloromethane

Concen: 1.204 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016958.D

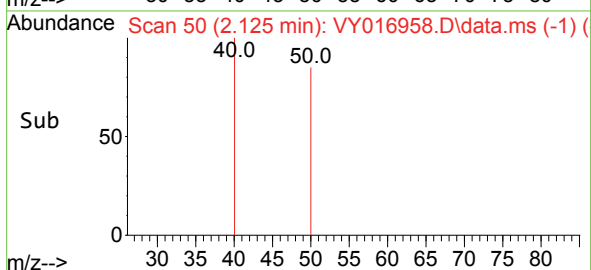
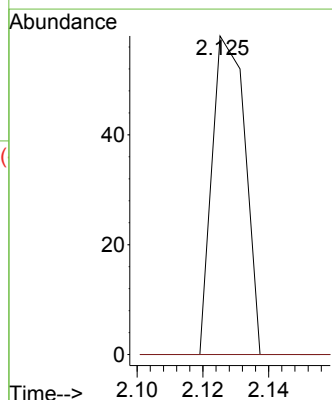
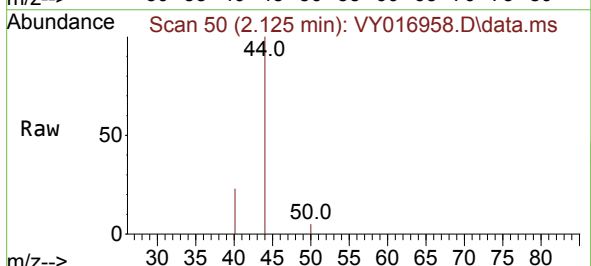
Acq: 09 Jan 2024 18:55

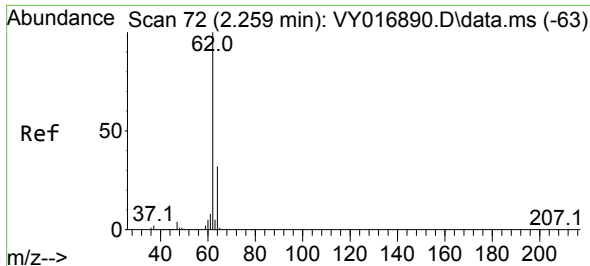
Tgt Ion: 50 Resp: 40

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#

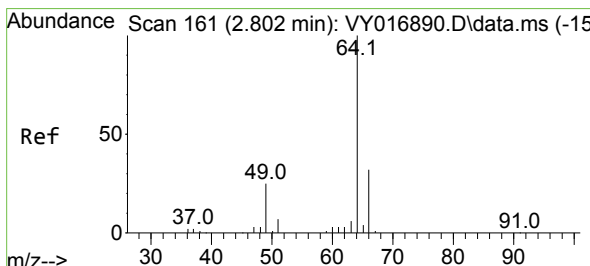
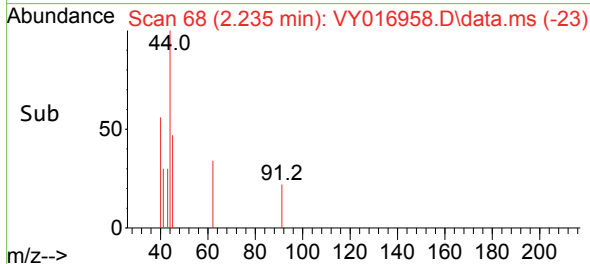
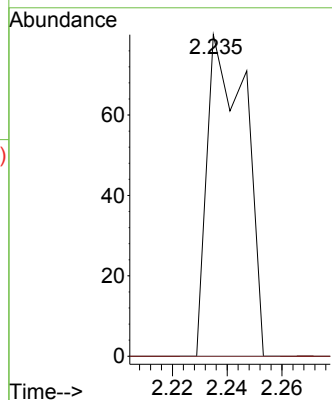
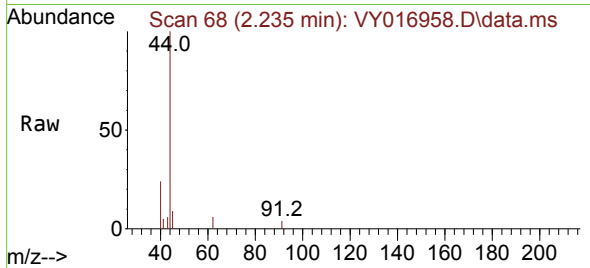




#4
 Vinyl Chloride
 Concen: 1.991 ug/l
 RT: 2.235 min Scan# 61
 Delta R.T. -0.024 min
 Lab File: VY016958.D
 Acq: 09 Jan 2024 18:55

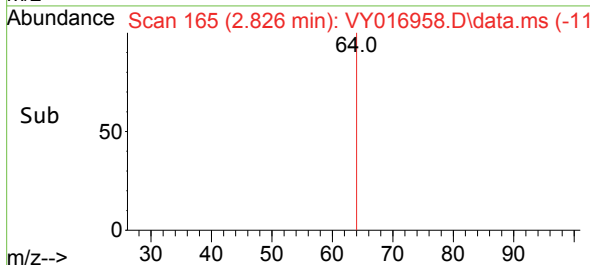
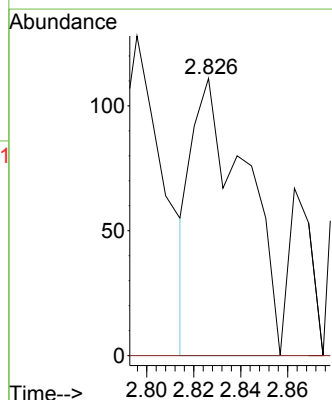
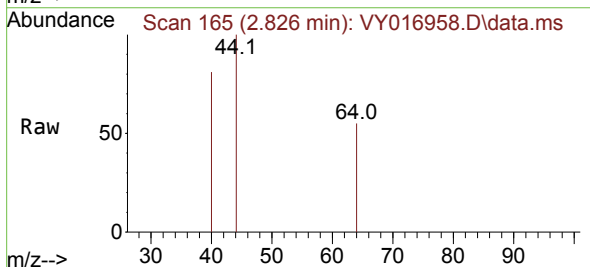
Instrument :
 MSVOA_Y
 ClientSampleId :

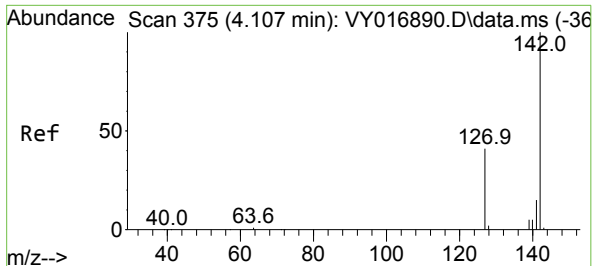
Tgt Ion: 62 Resp: 78
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#6
 Chloroethane
 Concen: 6.642 ug/l
 RT: 2.826 min Scan# 165
 Delta R.T. 0.018 min
 Lab File: VY016958.D
 Acq: 09 Jan 2024 18:55

Tgt Ion: 64 Resp: 176
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#

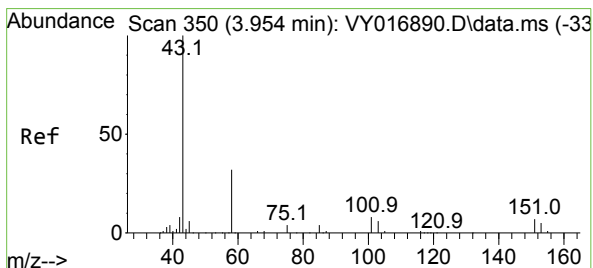
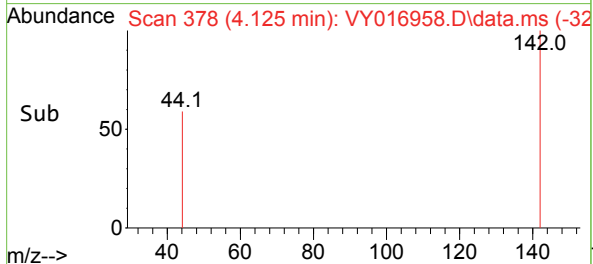
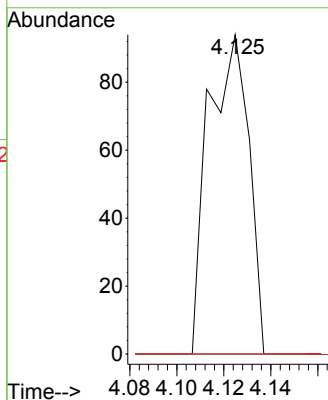
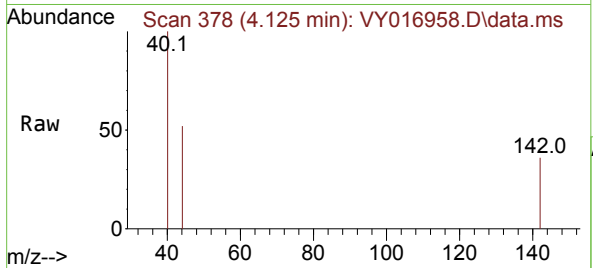




#10
Methyl Iodide
Concen: 4.195 ug/l
RT: 4.125 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016958.D
Acq: 09 Jan 2024 18:55

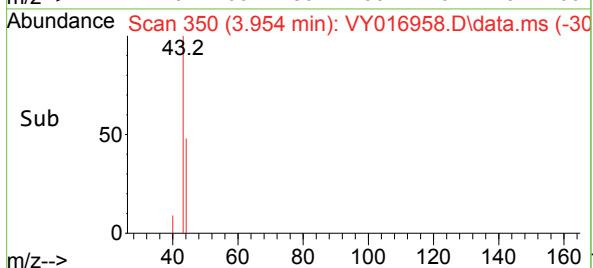
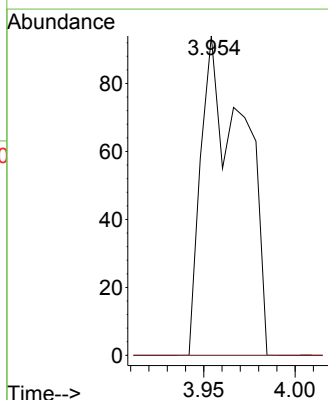
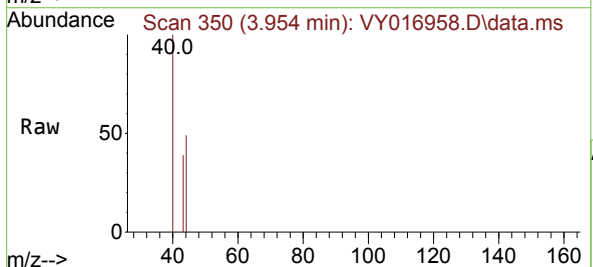
Instrument :
MSVOA_Y
ClientSampleId :

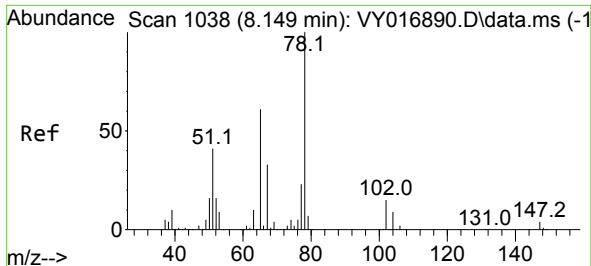
Tgt Ion:142 Resp: 112
Ion Ratio Lower Upper
142 100
127 0.0 35.1 52.7#
141 0.0 11.8 17.6#



#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016958.D
Acq: 09 Jan 2024 18:55

Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 24.802 ug/l

RT: 8.155 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY016958.D

Acq: 09 Jan 2024 18:55

Instrument :

MSVOA_Y

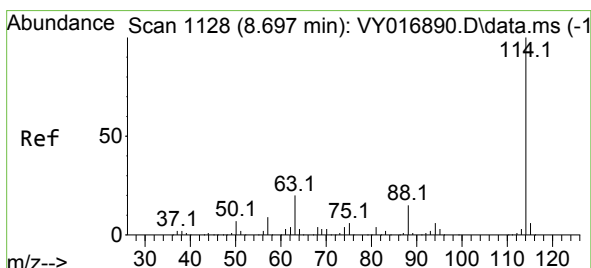
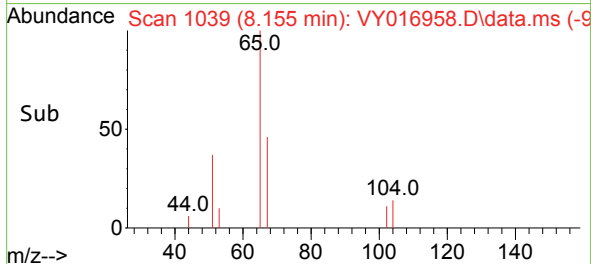
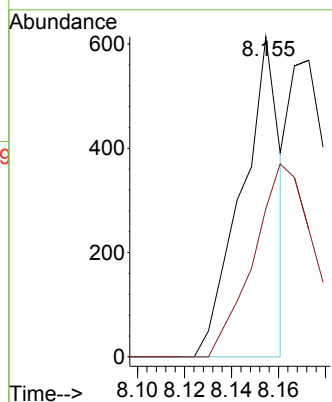
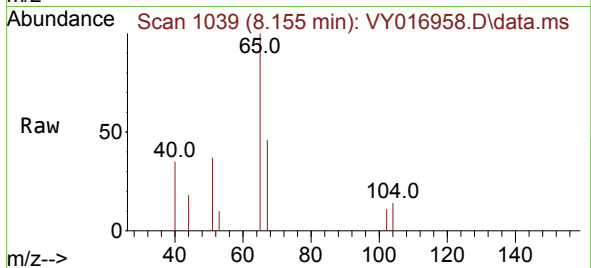
ClientSampleId :

Tgt Ion: 65 Resp: 693

Ion Ratio Lower Upper

65 100

67 93.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016958.D

Acq: 09 Jan 2024 18:55

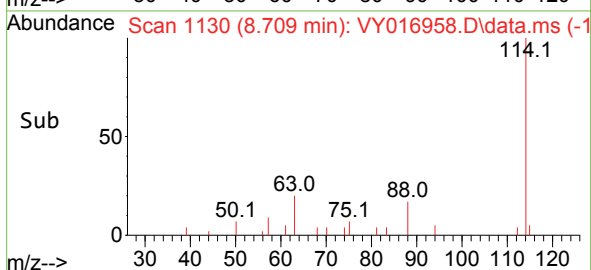
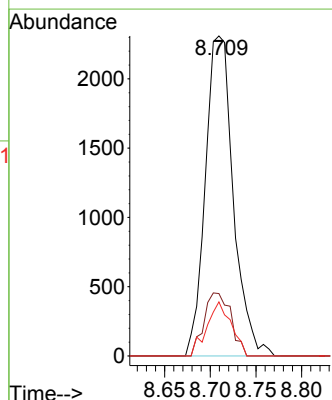
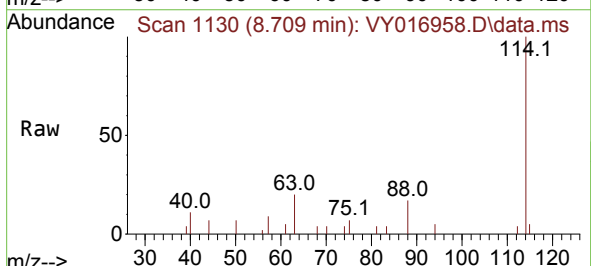
Tgt Ion: 114 Resp: 4913

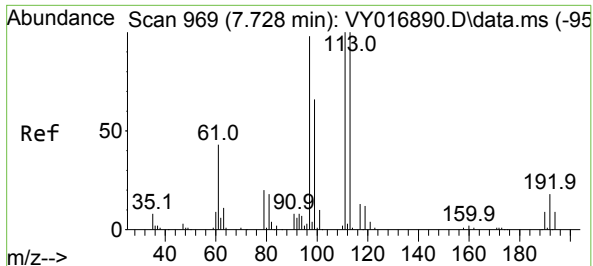
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

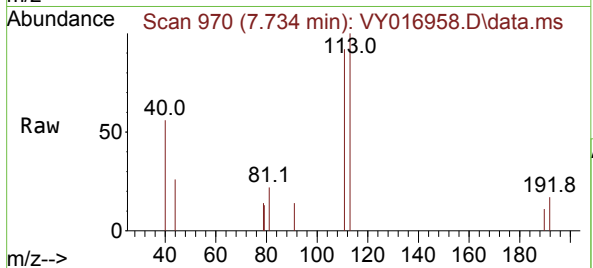
88 16.9 0.0 29.0



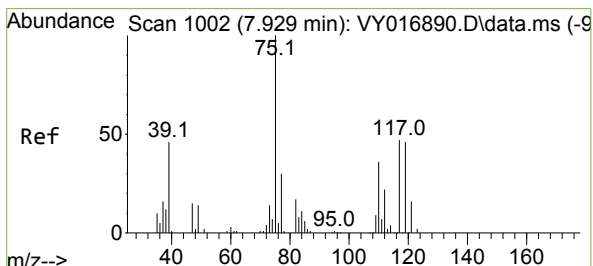
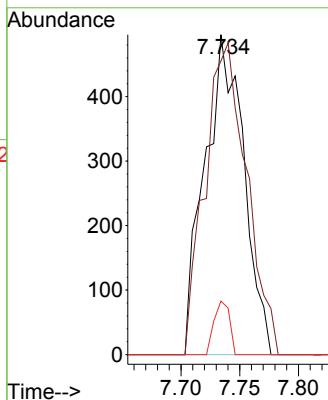
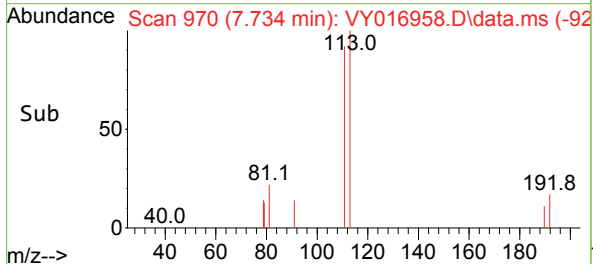


#35
 Dibromofluoromethane
 Concen: 36.573 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016958.D
 Acq: 09 Jan 2024 18:55

Instrument :
 MSVOA_Y
 ClientSampleId :

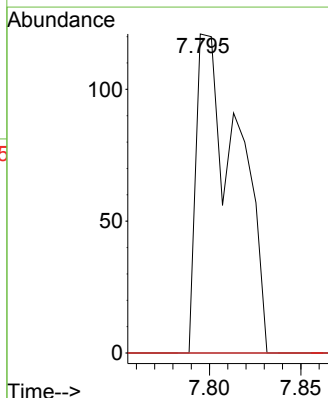
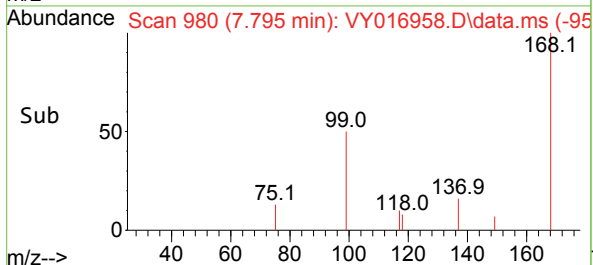
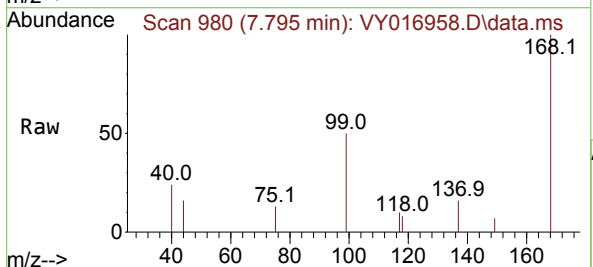


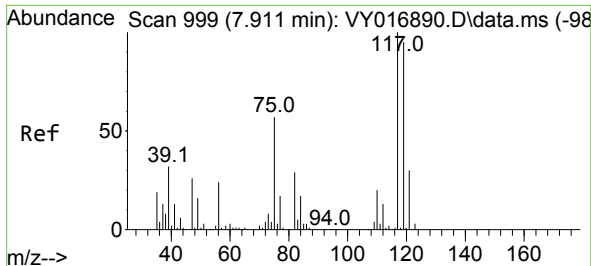
Tgt Ion: 113 Resp: 1145
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.8 125.6
 192 6.6 14.5 21.7#



#36
 1,1-Dichloropropene
 Concen: 4.208 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY016958.D
 Acq: 09 Jan 2024 18:55

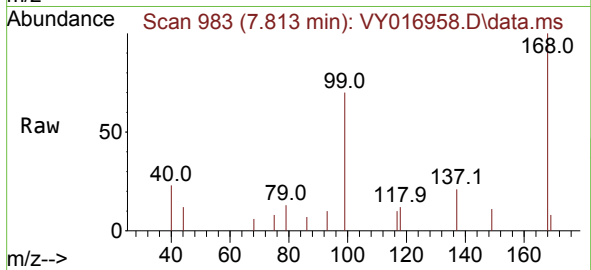
Tgt Ion: 75 Resp: 192
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 24.7 37.1#



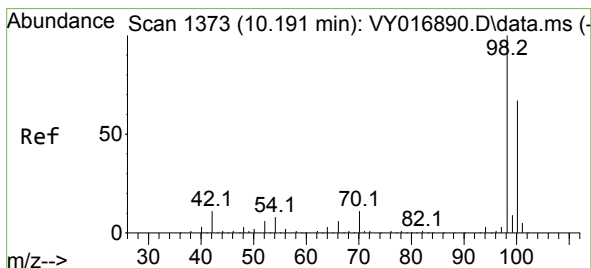
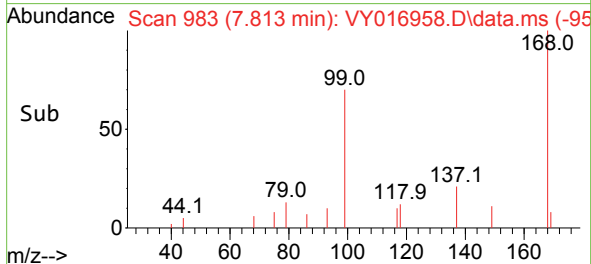
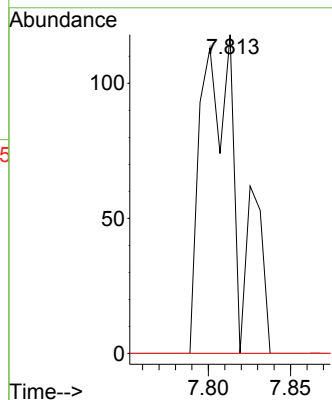


#38
Carbon Tetrachloride
Concen: 4.056 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016958.D
Acq: 09 Jan 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :

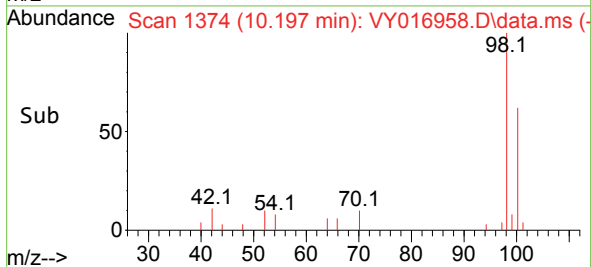
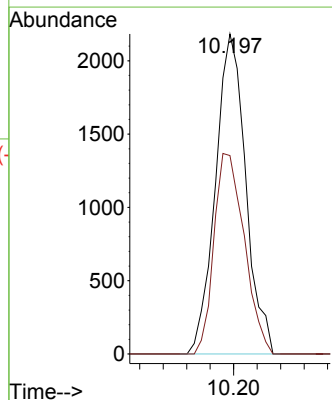
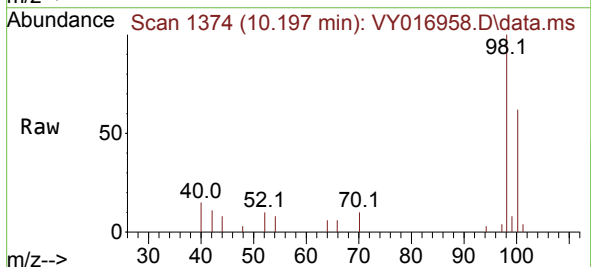


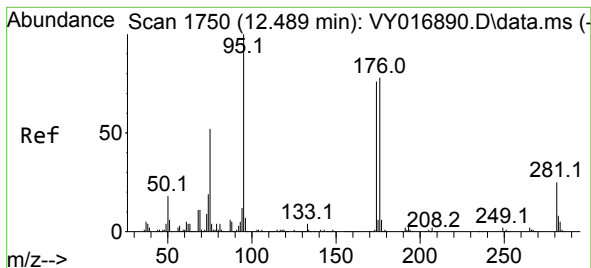
Tgt Ion:117 Resp: 188
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 36.268 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016958.D
Acq: 09 Jan 2024 18:55

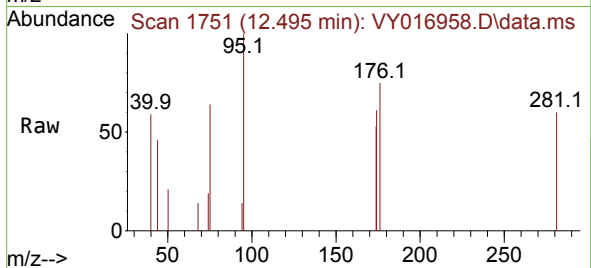
Tgt Ion: 98 Resp: 3910
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5



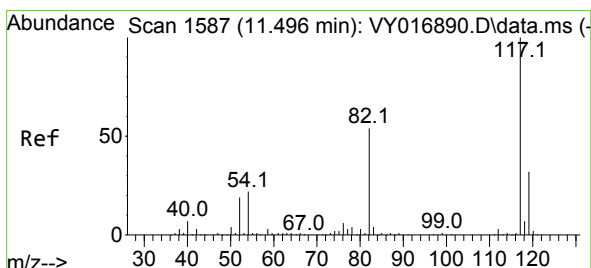
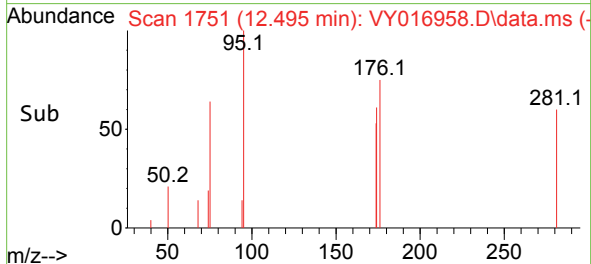
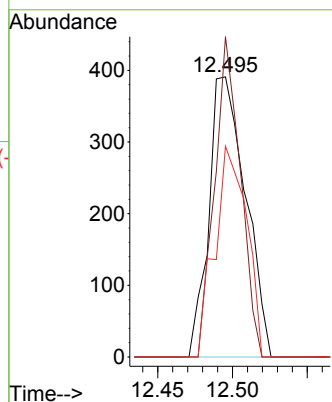


#62
4-Bromofluorobenzene
Concen: 18.310 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016958.D
Acq: 09 Jan 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :

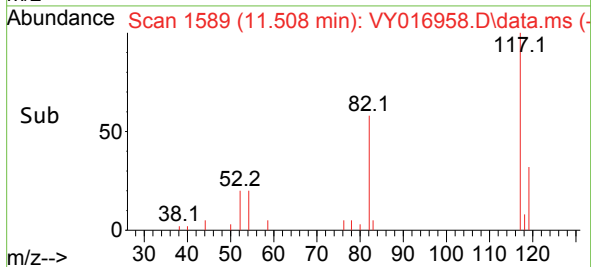
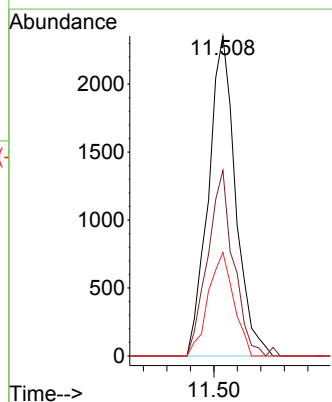
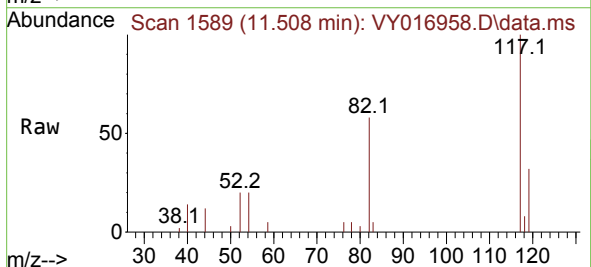


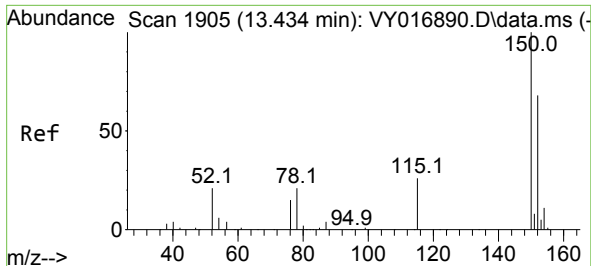
Tgt Ion: 95 Resp: 666
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 65.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016958.D
Acq: 09 Jan 2024 18:55

Tgt Ion: 117 Resp: 3776
Ion Ratio Lower Upper
117 100
82 58.0 43.8 65.8
119 32.4 26.5 39.7

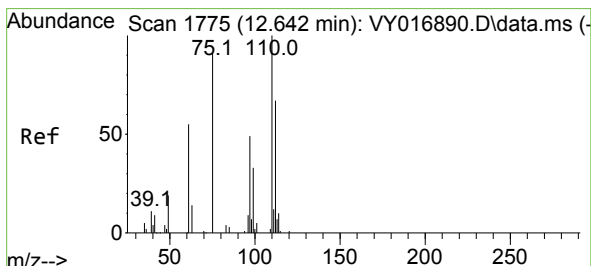
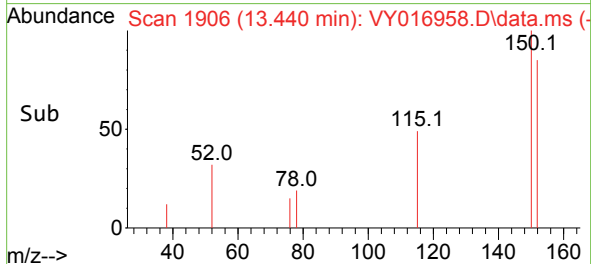
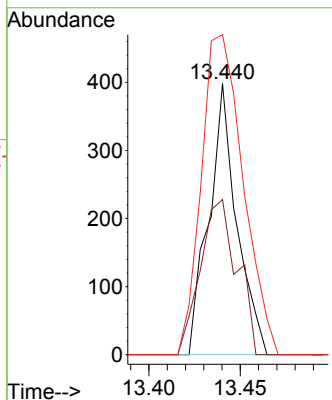
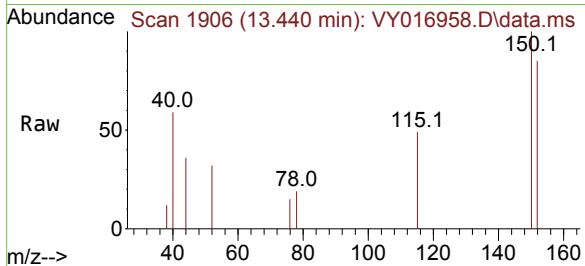




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016958.D
 Acq: 09 Jan 2024 18:55

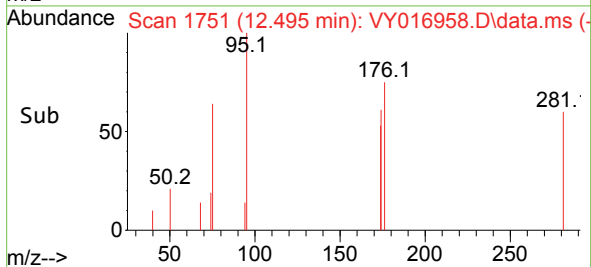
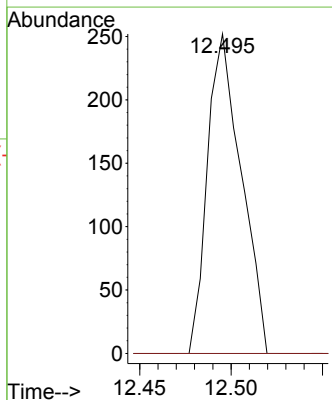
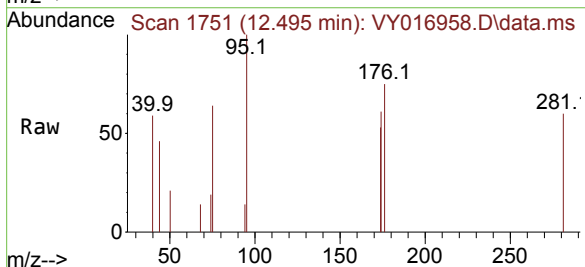
Instrument :
 MSVOA_Y
 ClientSampleId :

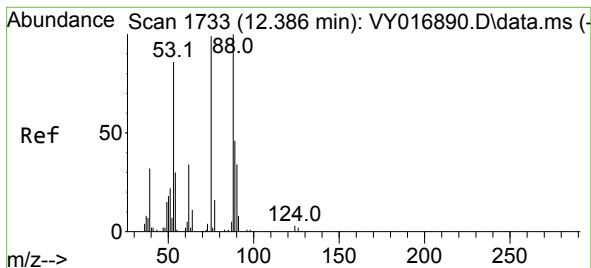
Tgt Ion:152 Resp: 423
 Ion Ratio Lower Upper
 152 100
 115 75.4 30.0 90.0
 150 176.8 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 70.801 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.147 min
 Lab File: VY016958.D
 Acq: 09 Jan 2024 18:55

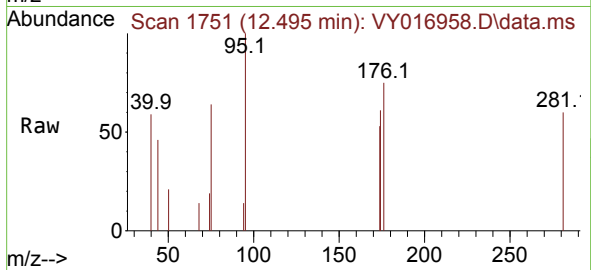
Tgt Ion: 75 Resp: 325
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.772 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016958.D
 Acq: 09 Jan 2024 18:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 325
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

