

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015928.D
 Acq On : 11 Oct 2023 16:55
 Operator : SY/MD
 Sample : 04837-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:58:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

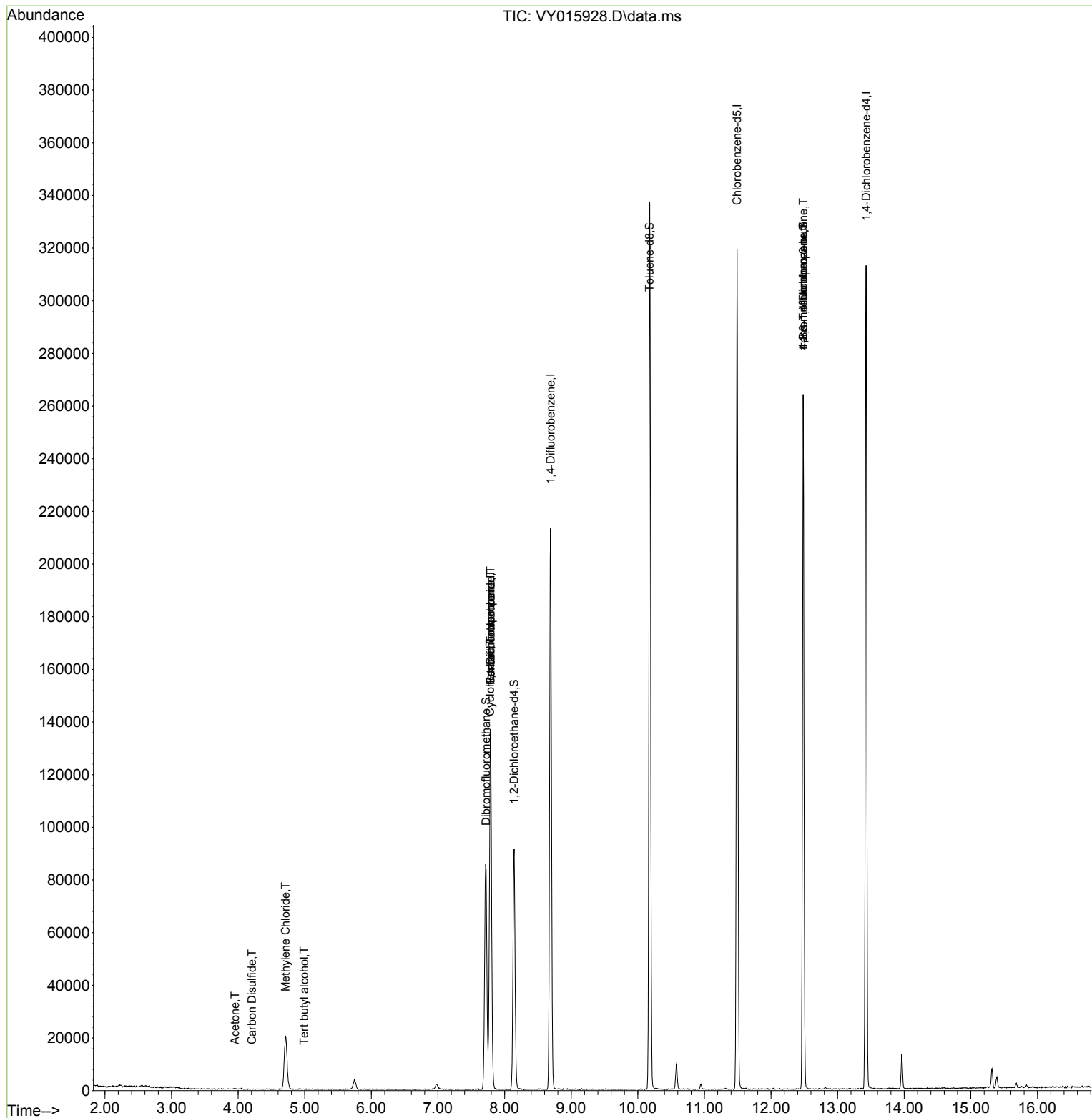
Internal Standards						
1) Pentafluorobenzene	7.789	168	106257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70345	73.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.160%	
35) Dibromofluoromethane	7.722	113	61951	59.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.640%	
50) Toluene-d8	10.178	98	222005	64.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.000%	
62) 4-Bromofluorobenzene	12.483	95	76362	54.624	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.990	59	147	11.375	ug/l #	89
16) Acetone	3.954	43	570	7.361	ug/l #	46
17) Carbon Disulfide	4.204	76	72	2.801	ug/l #	76
20) Methylene Chloride	4.710	84	15950	8.143	ug/l #	82
31) Cyclohexane	7.783	56	2018	1.971	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8119	7.020	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10437	7.514	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	39276	41.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39276	91.727	ug/l #	10

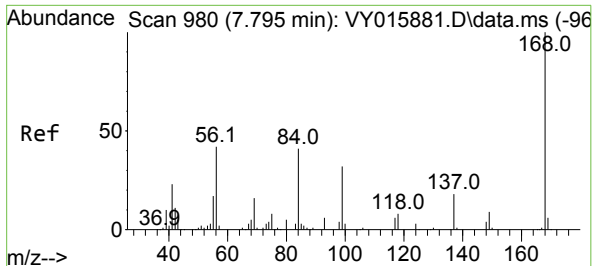
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
Data File : VY015928.D
Acq On : 11 Oct 2023 16:55
Operator : SY/MD
Sample : 04837-07
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 12 01:58:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration

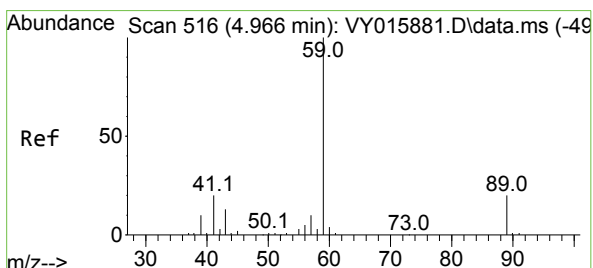
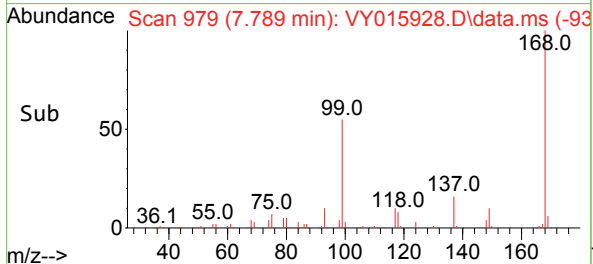
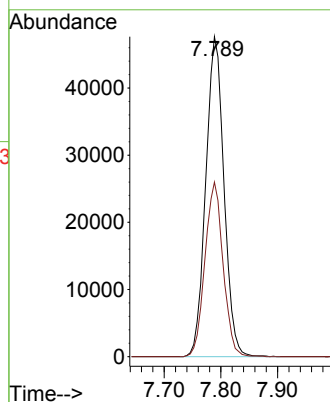
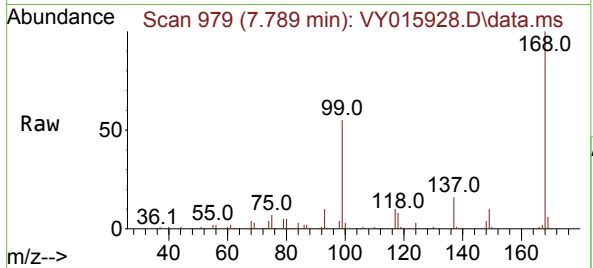




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

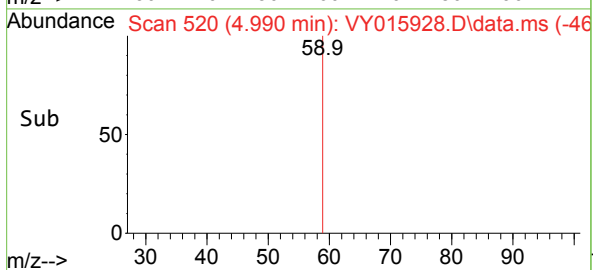
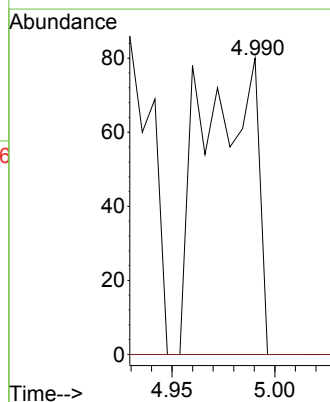
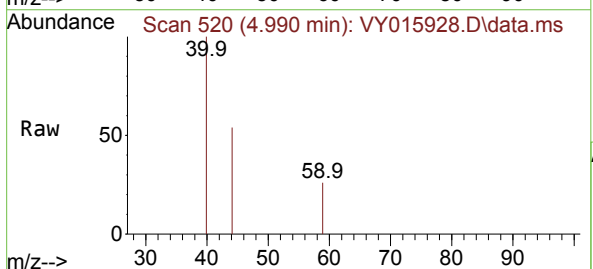
Instrument :
MSVOA_Y
ClientSampleId :

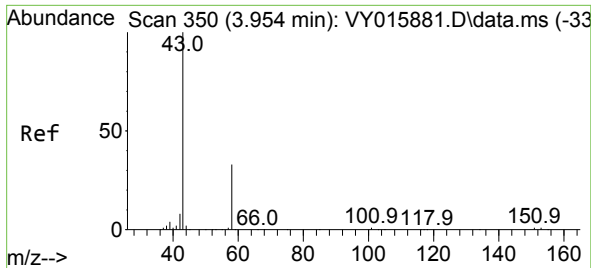
Tgt Ion:168 Resp: 106257
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 11.375 ug/l
RT: 4.990 min Scan# 520
Delta R.T. 0.024 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

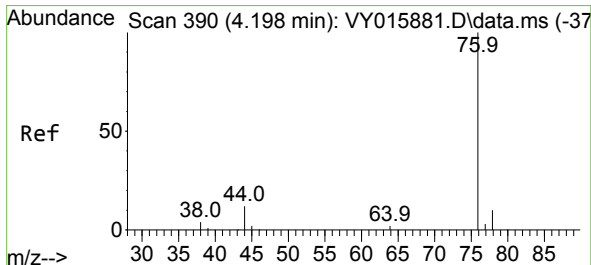
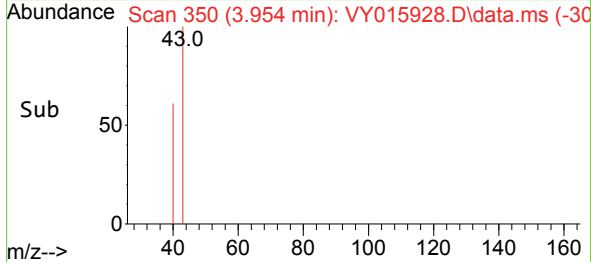
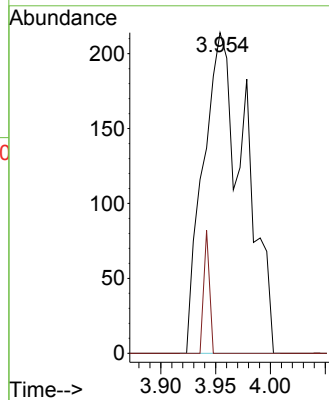
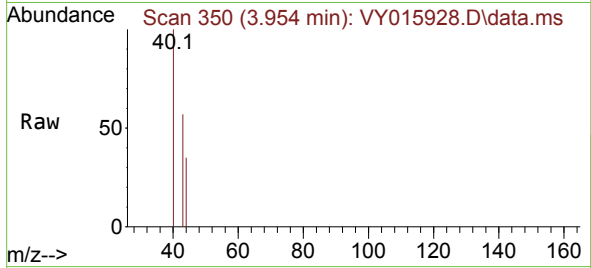




#16
Acetone
Concen: 7.361 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

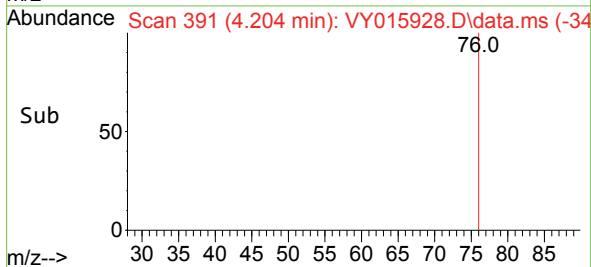
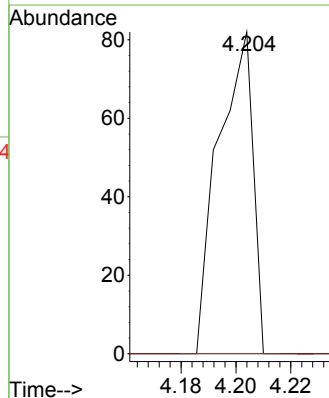
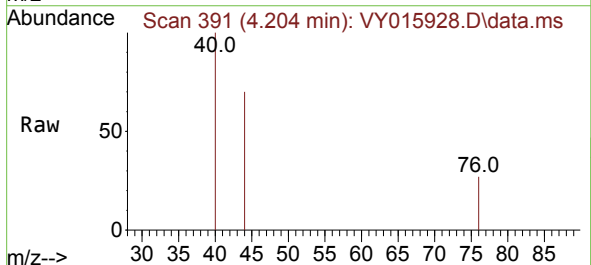
Instrument :
MSVOA_Y
ClientSampleId :

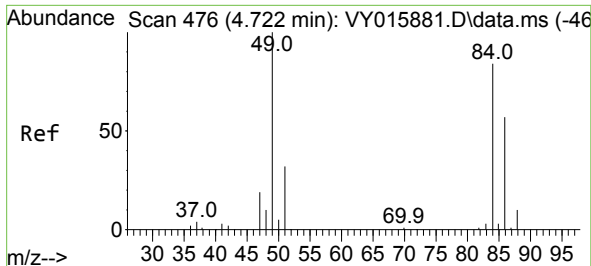
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#17
Carbon Disulfide
Concen: 2.801 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Tgt Ion: 76 Resp: 72
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#





#20

Methylene Chloride

Concen: 8.143 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.012 min

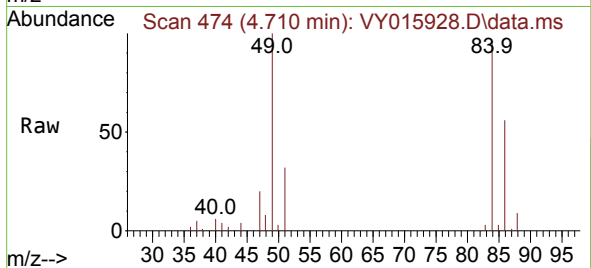
Lab File: VY015928.D

Acq: 11 Oct 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 15950

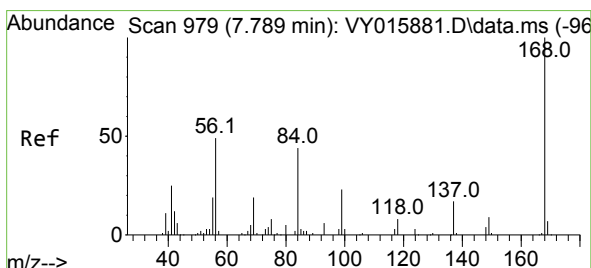
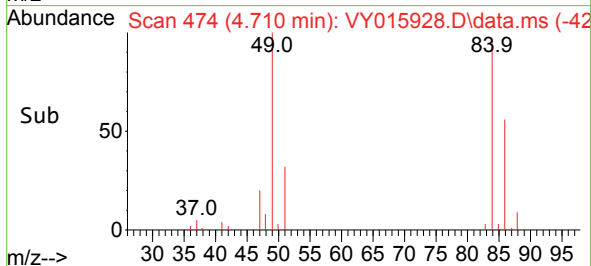
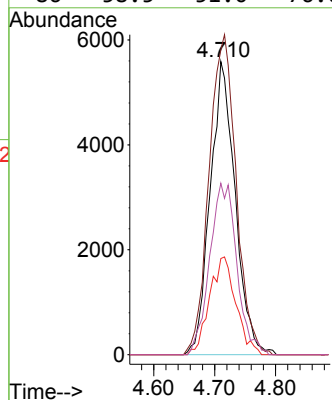
Ion Ratio Lower Upper

84 100

49 104.0 106.9 160.3#

51 32.8 33.2 49.8#

86 58.5 51.0 76.6



#31

Cyclohexane

Concen: 1.971 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY015928.D

Acq: 11 Oct 2023 16:55

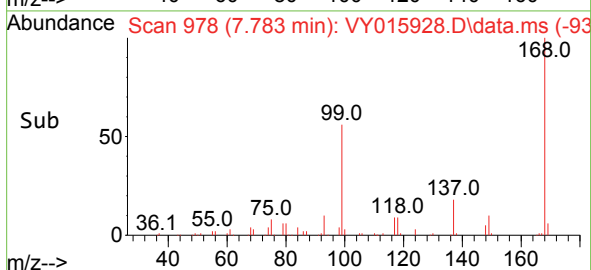
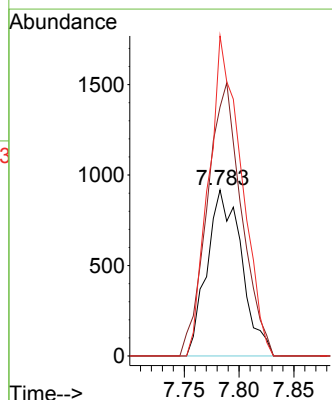
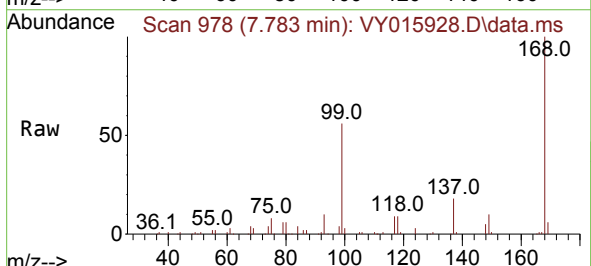
Tgt Ion: 56 Resp: 2018

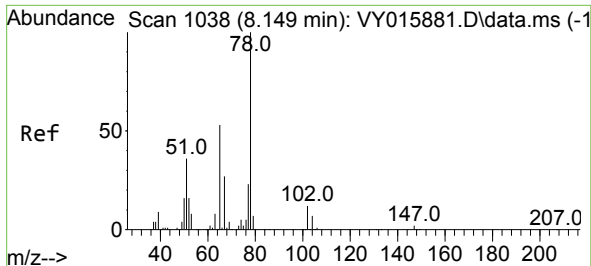
Ion Ratio Lower Upper

56 100

69 150.1 27.8 41.6#

84 192.9 66.4 99.6#

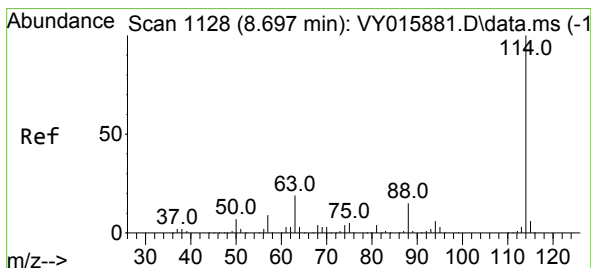
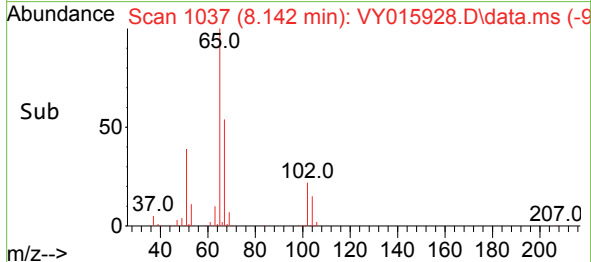
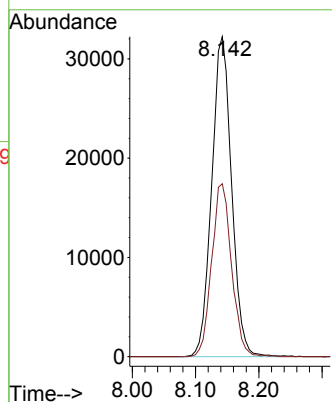
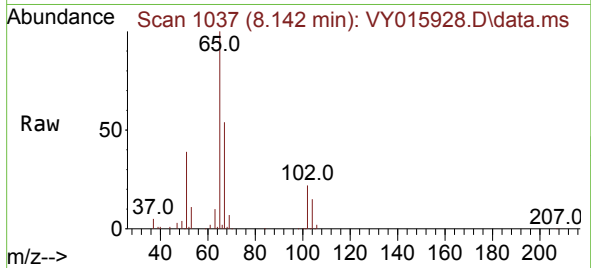




#33
 1,2-Dichloroethane-d4
 Concen: 73.575 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY015928.D
 Acq: 11 Oct 2023 16:55

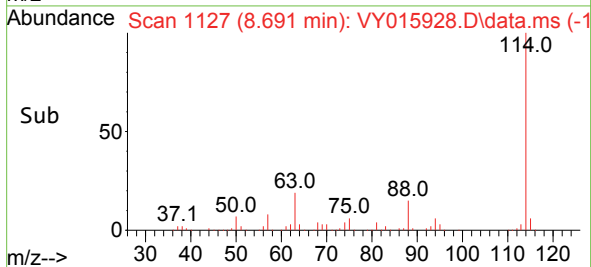
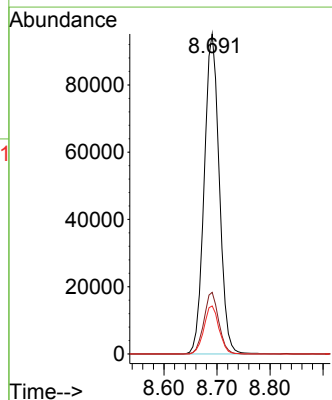
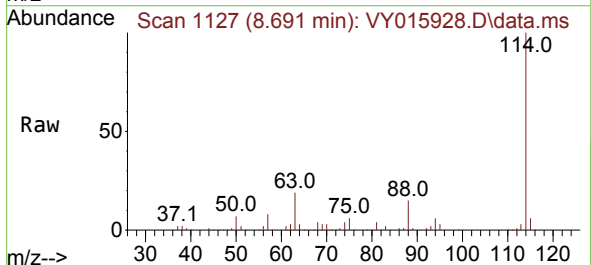
Instrument :
 MSVOA_Y
 ClientSampleId :

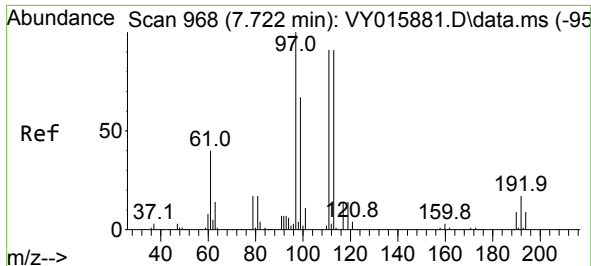
Tgt Ion: 65 Resp: 70345
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY015928.D
 Acq: 11 Oct 2023 16:55

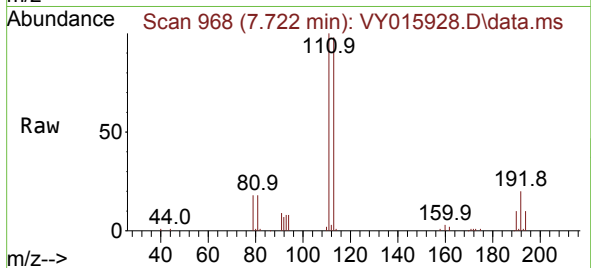
Tgt Ion: 114 Resp: 187229
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.0 0.0 30.6



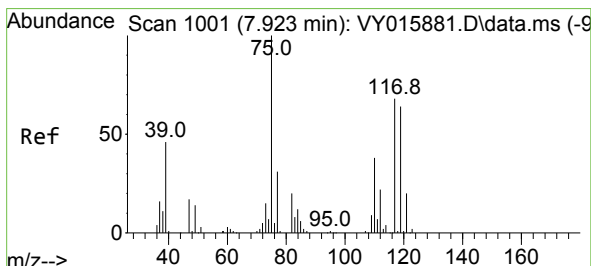
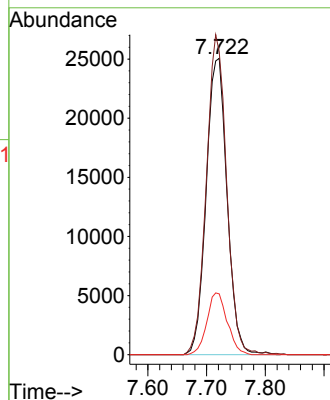
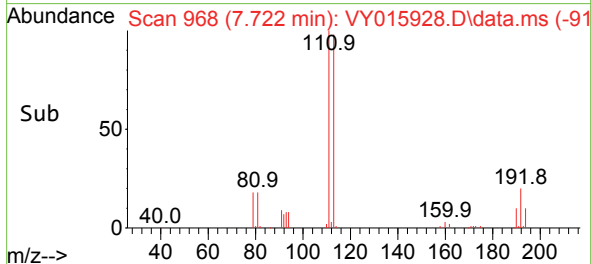


#35
Dibromofluoromethane
Concen: 59.322 ug/l
RT: 7.722 min Scan# 919
Delta R.T. -0.000 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :

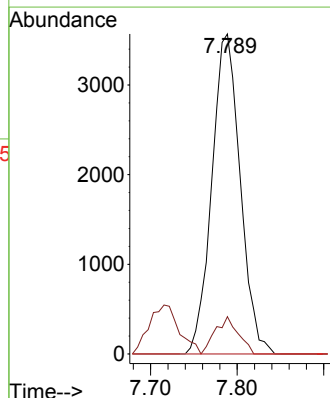
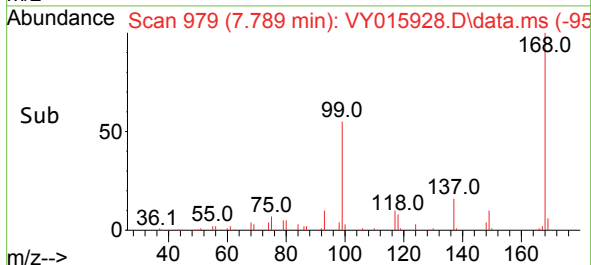
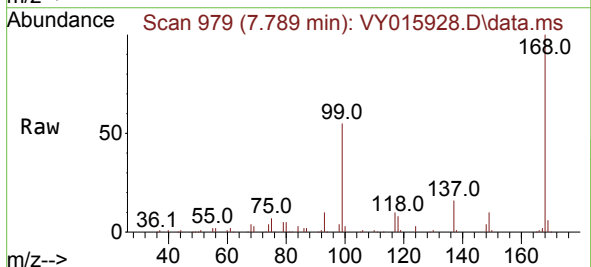


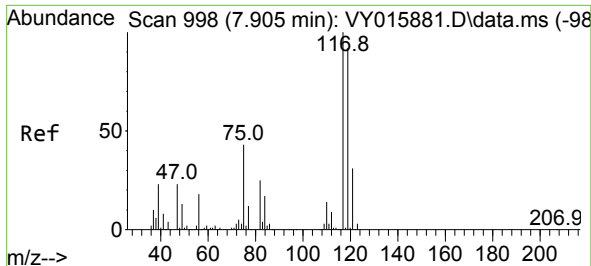
Tgt Ion:113 Resp: 61951
Ion Ratio Lower Upper
113 100
111 105.1 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.020 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

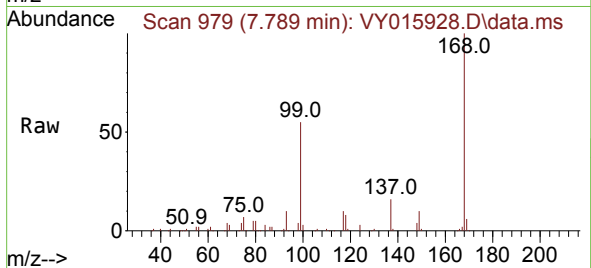
Tgt Ion: 75 Resp: 8119
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



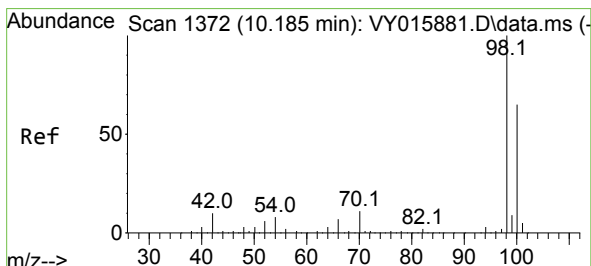
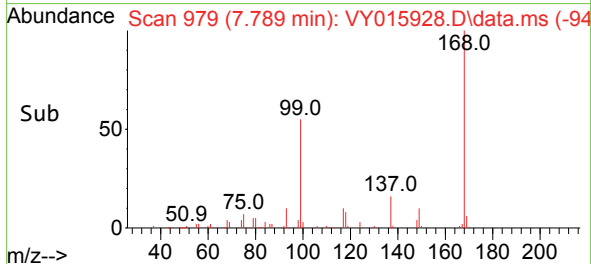
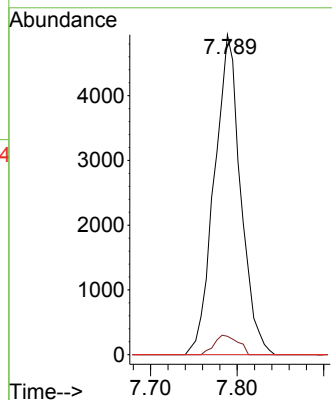


#38
Carbon Tetrachloride
Concen: 7.514 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :

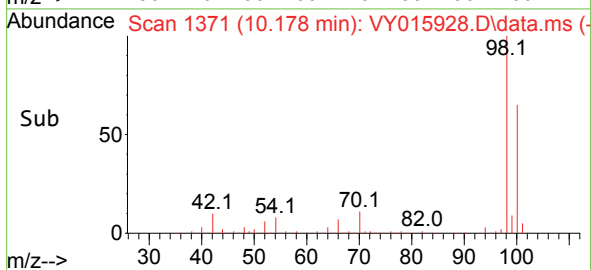
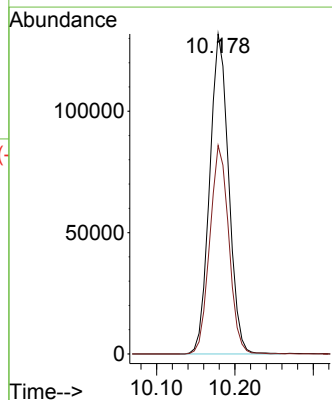
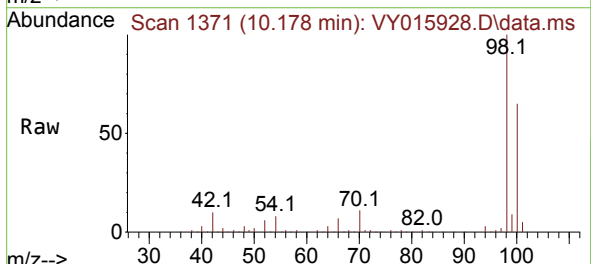


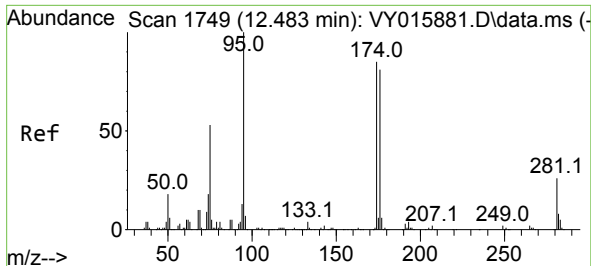
Tgt Ion:117 Resp: 10437
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 64.503 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Tgt Ion: 98 Resp: 222005
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

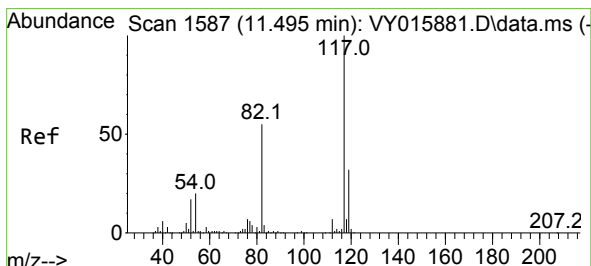
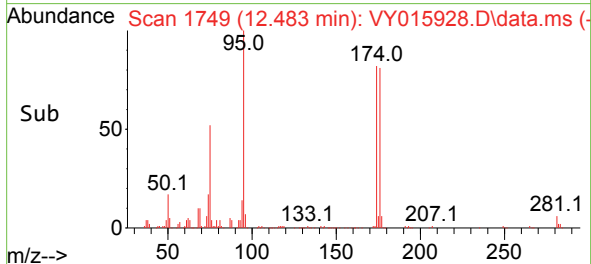
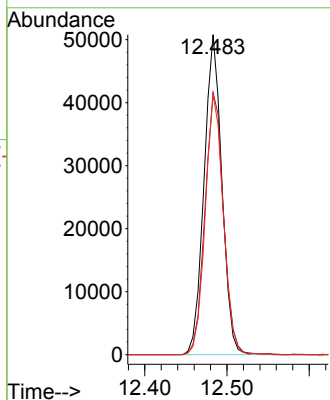
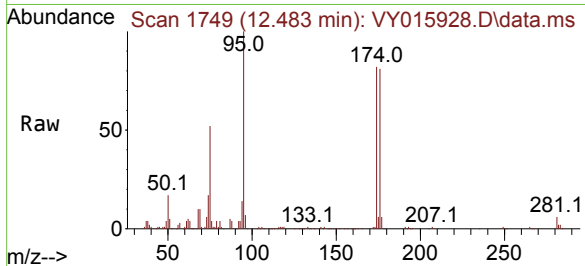




#62
4-Bromofluorobenzene
Concen: 54.624 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

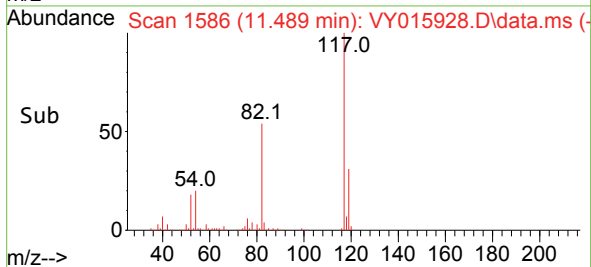
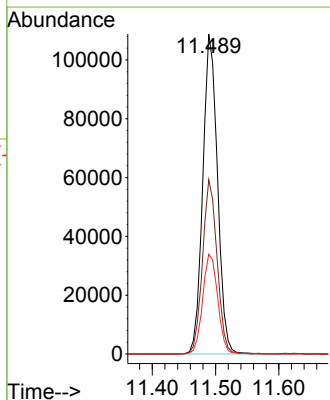
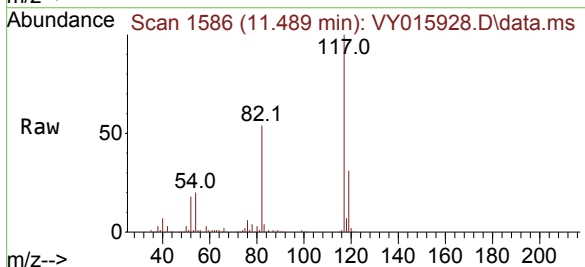
Instrument :
MSVOA_Y
ClientSampleId :

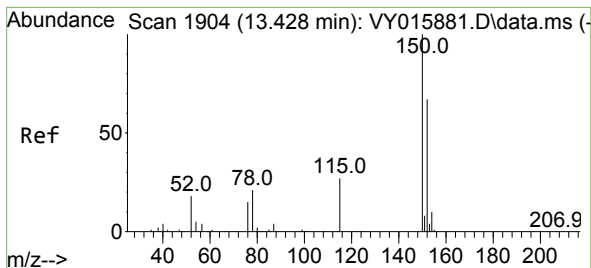
Tgt Ion: 95 Resp: 76362
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

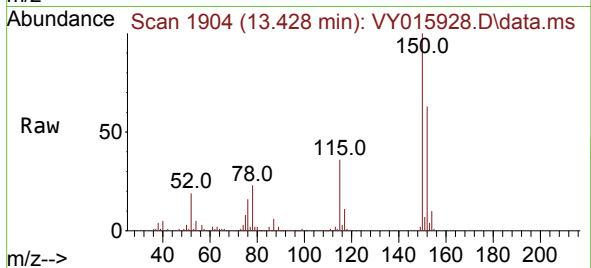
Tgt Ion: 117 Resp: 176027
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.2 26.3 39.5



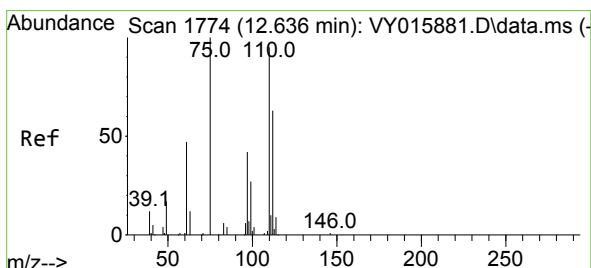
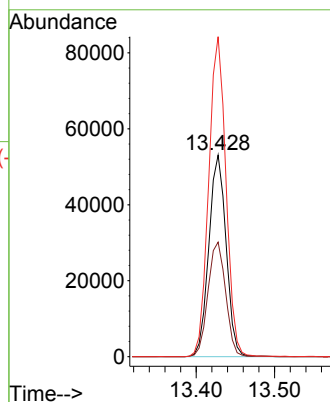
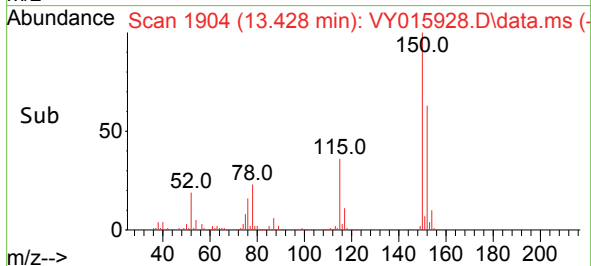


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY015928.D
 Acq: 11 Oct 2023 16:55

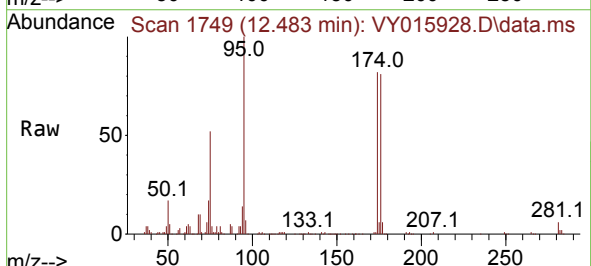
Instrument :
 MSVOA_Y
 ClientSampleId :



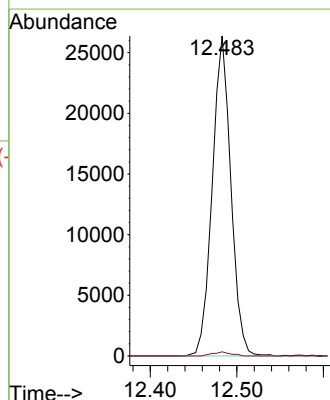
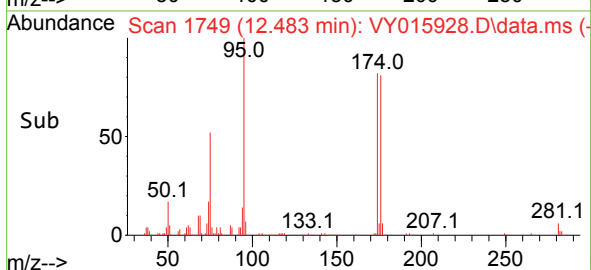
Tgt Ion:152 Resp: 81336
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 158.4 0.0 348.8

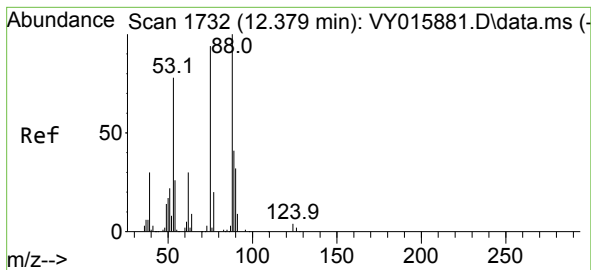


#76
 1,2,3-Trichloropropane
 Concen: 41.365 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY015928.D
 Acq: 11 Oct 2023 16:55



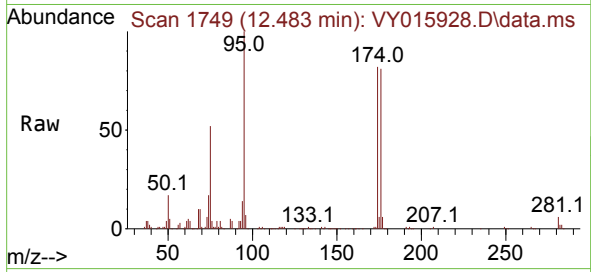
Tgt Ion: 75 Resp: 39276
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.727 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 39276
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

