

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015783.D
 Acq On : 02 Oct 2023 17:51
 Operator : SY/MD
 Sample : 04687-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:24:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

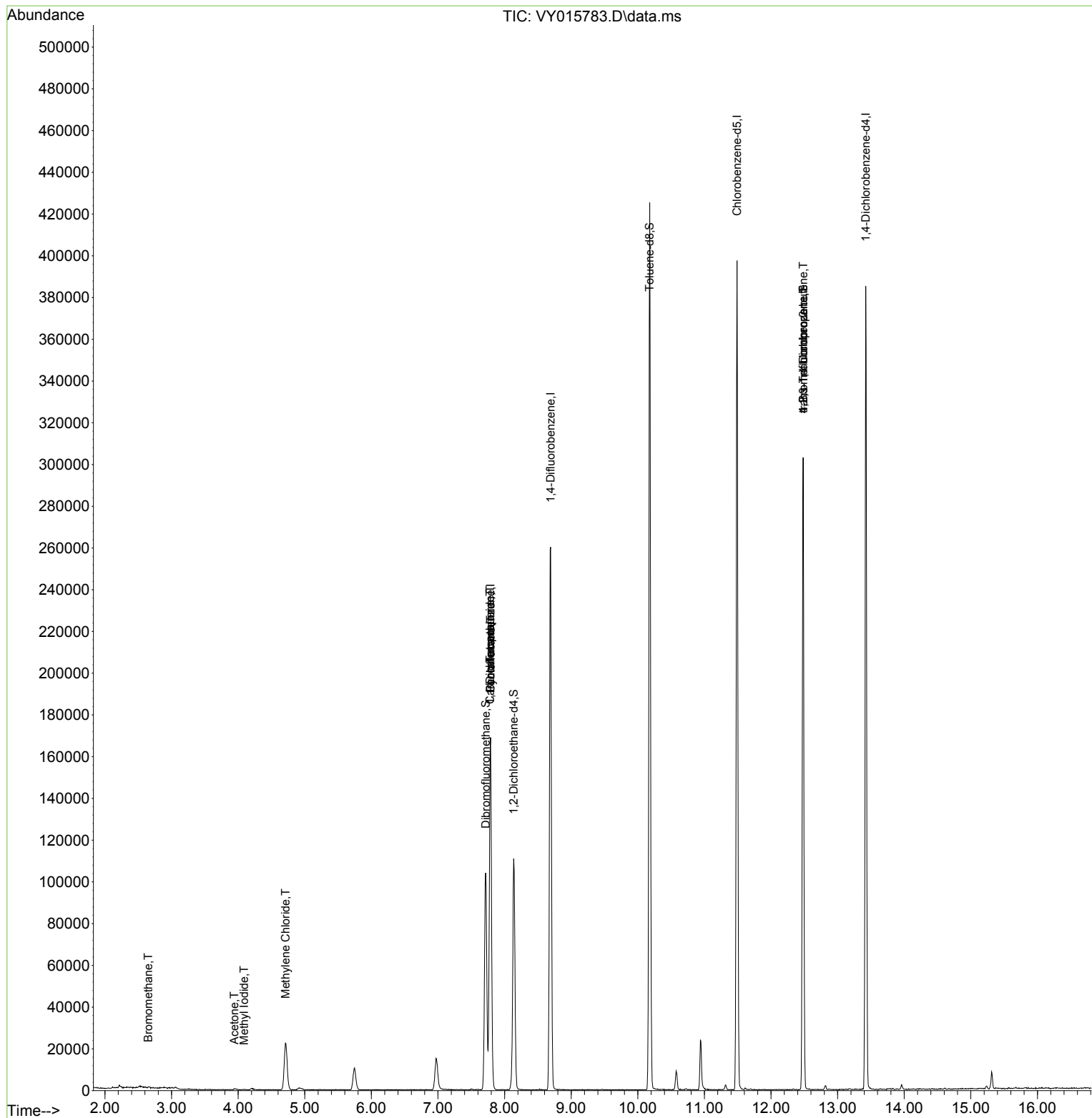
Internal Standards						
1) Pentafluorobenzene	7.789	168	131410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	84656	58.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.100%	
35) Dibromofluoromethane	7.716	113	75908	55.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.179	98	273516	58.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.380%	
62) 4-Bromofluorobenzene	12.483	95	90930	49.720	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	76	2.615	ug/l #	2
10) Methyl Iodide	4.088	142	87	2.782	ug/l #	38
11) Tert butyl alcohol	4.942	59	1230	Below Cal	#	89
16) Acetone	3.942	43	959	1.239	ug/l #	80
20) Methylene Chloride	4.710	84	16998	5.747	ug/l	87
31) Cyclohexane	7.789	56	2705	1.350	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10204	5.021	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13236	6.000	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	48234	31.361	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48234	70.622	ug/l #	10

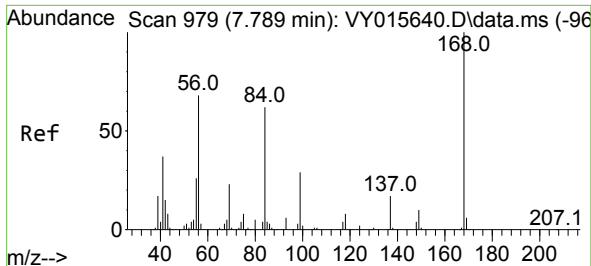
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015783.D
Acq On : 02 Oct 2023 17:51
Operator : SY/MD
Sample : 04687-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 03 01:24:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

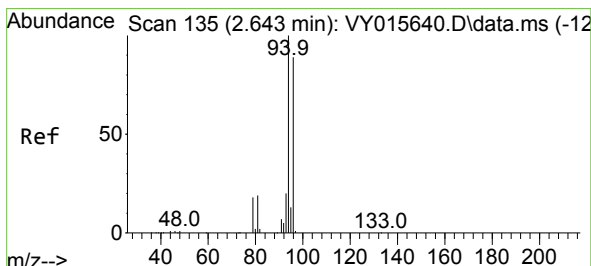
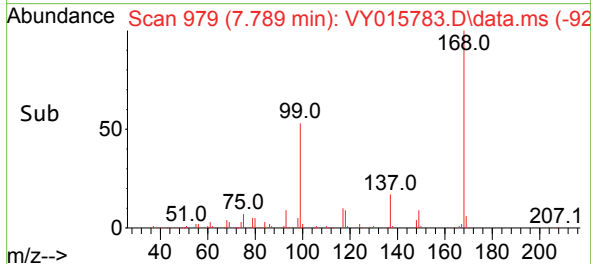
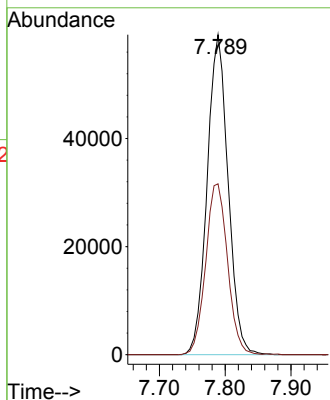
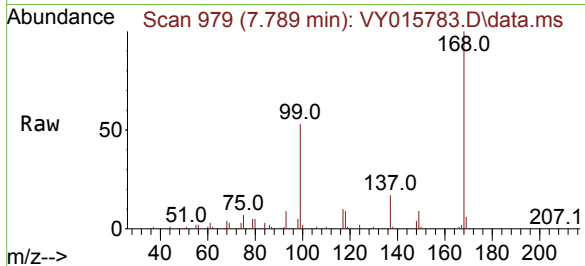




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

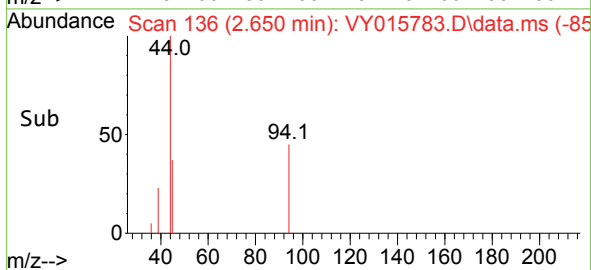
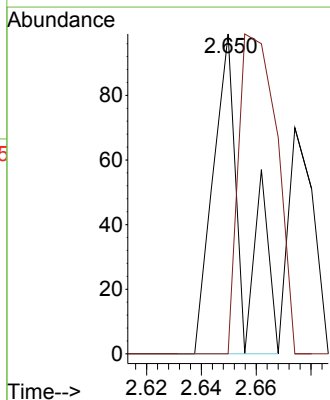
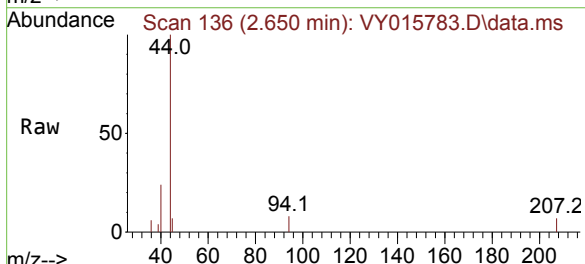
Instrument :
MSVOA_Y
ClientSampleId :

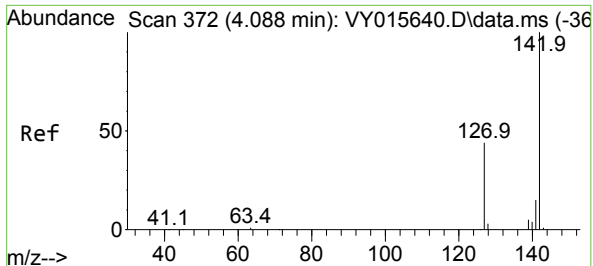
Tgt Ion:168 Resp: 131410
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#5
Bromomethane
Concen: 2.615 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

Tgt Ion: 94 Resp: 76
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#





#10

Methyl Iodide

Concen: 2.782 ug/l

RT: 4.088 min Scan# 31

Delta R.T. 0.006 min

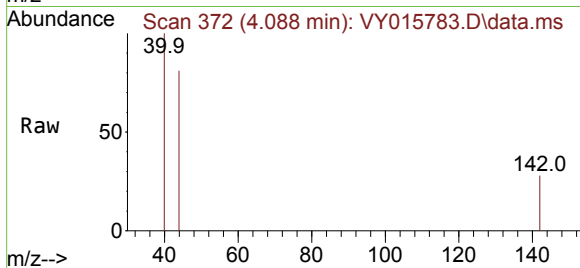
Lab File: VY015783.D

Acq: 02 Oct 2023 17:51

Instrument :

MSVOA_Y

ClientSampleId :



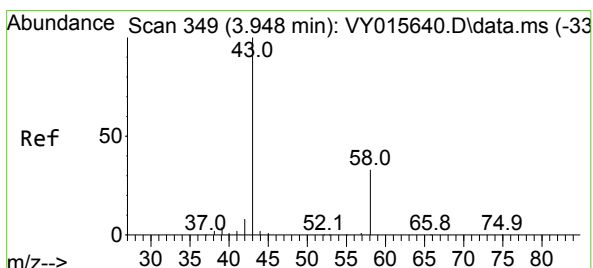
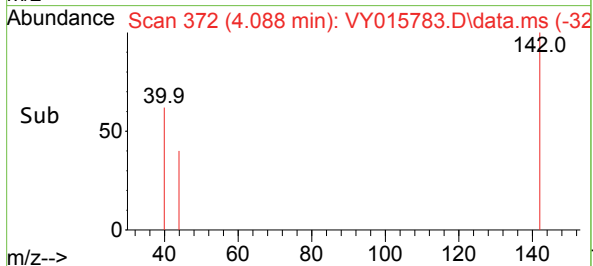
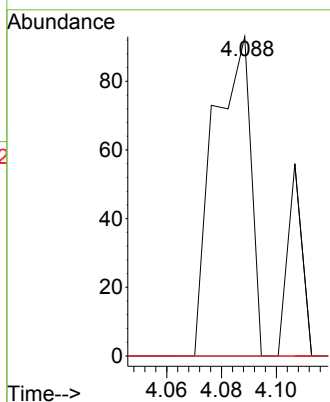
Tgt Ion:142 Resp: 87

Ion Ratio Lower Upper

142 100

127 0.0 37.6 56.4#

141 0.0 11.8 17.8#



#16

Acetone

Concen: 1.239 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY015783.D

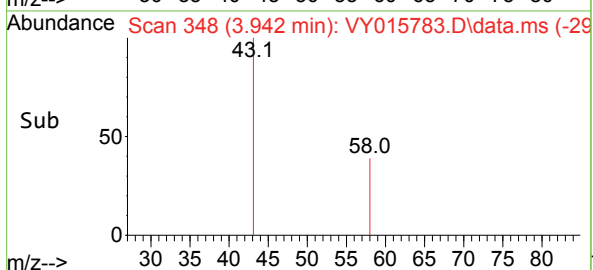
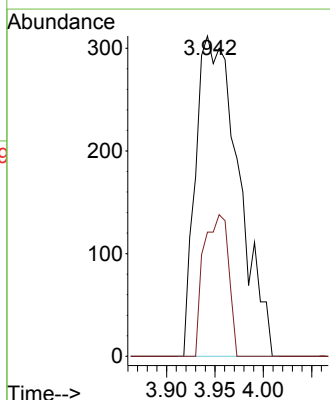
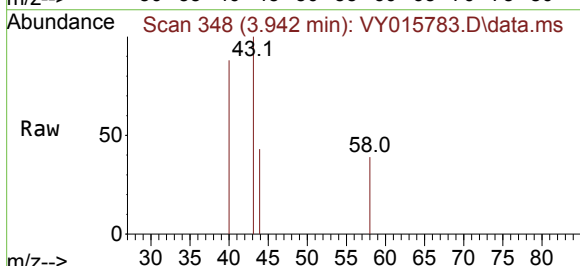
Acq: 02 Oct 2023 17:51

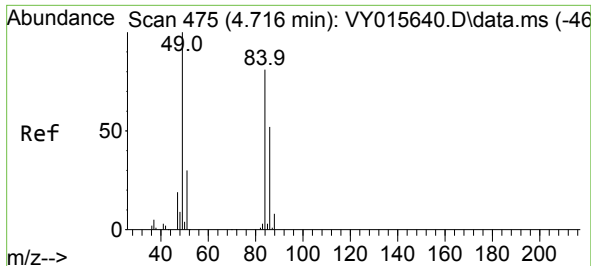
Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

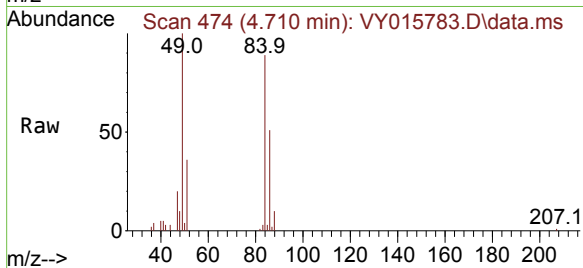
58 38.8 22.7 34.1#



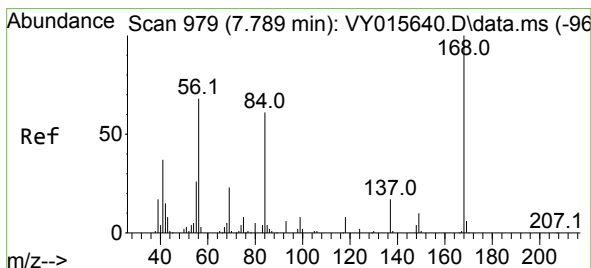
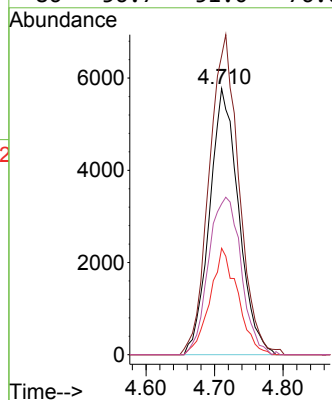
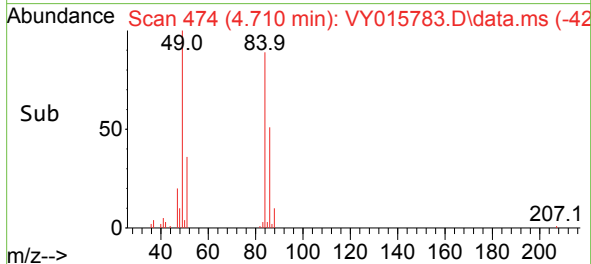


#20
Methylene Chloride
Concen: 5.747 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

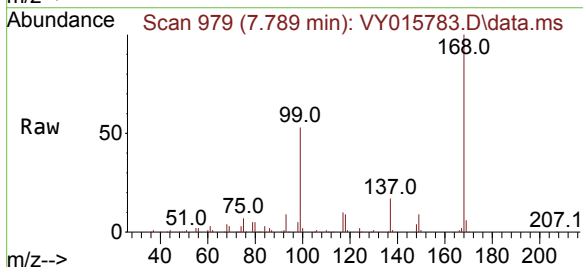
Instrument :
MSVOA_Y
ClientSampleId :



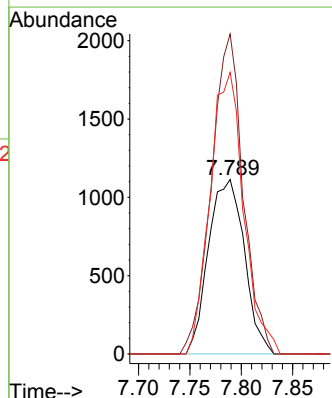
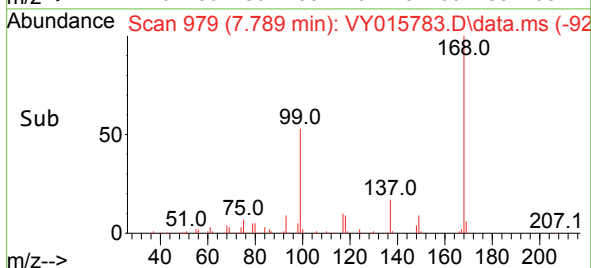
Tgt Ion:	84	Resp:	16998
Ion	Ratio	Lower	Upper
84	100		
49	112.4	106.9	160.3
51	40.0	33.2	49.8
86	56.7	51.0	76.6

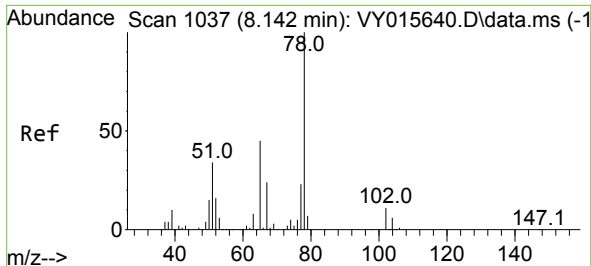


#31
Cyclohexane
Concen: 1.350 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51



Tgt Ion:	56	Resp:	2705
Ion	Ratio	Lower	Upper
56	100		
69	183.4	27.8	41.6#
84	161.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.550 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY015783.D

Acq: 02 Oct 2023 17:51

Instrument :

MSVOA_Y

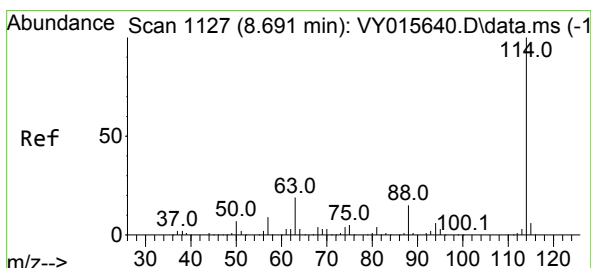
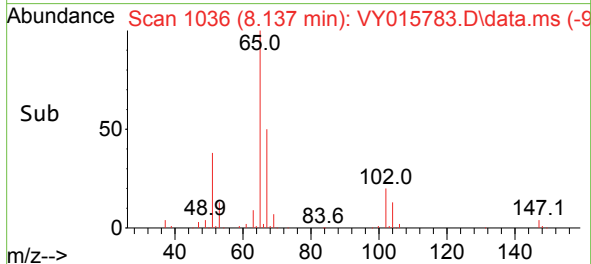
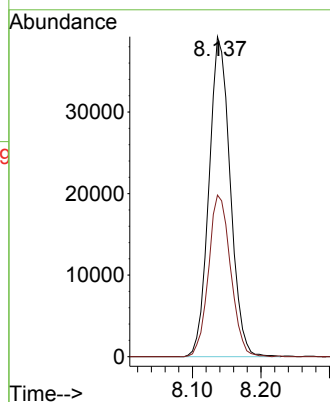
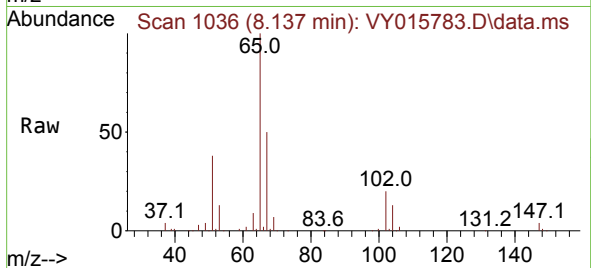
ClientSampleId :

Tgt Ion: 65 Resp: 84656

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015783.D

Acq: 02 Oct 2023 17:51

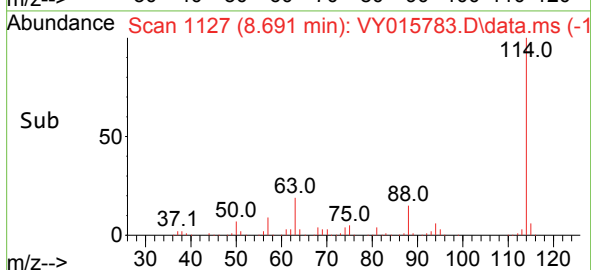
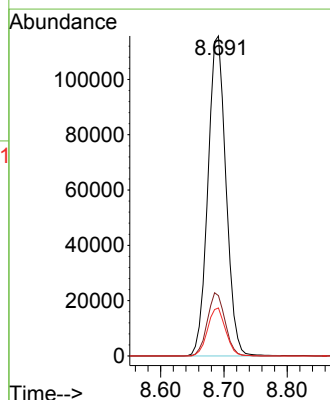
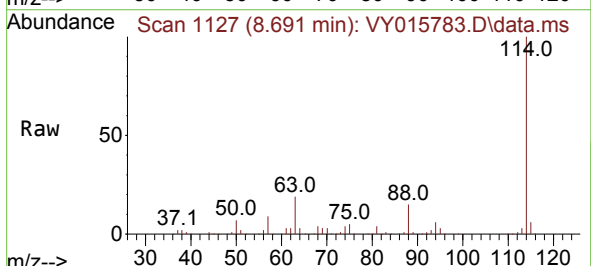
Tgt Ion: 114 Resp: 229633

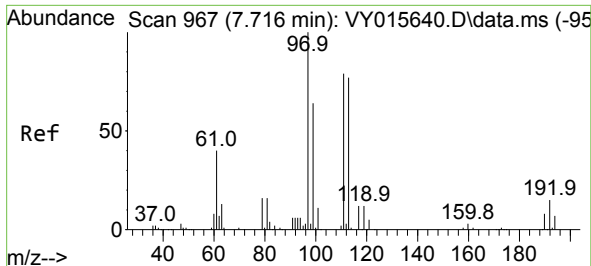
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

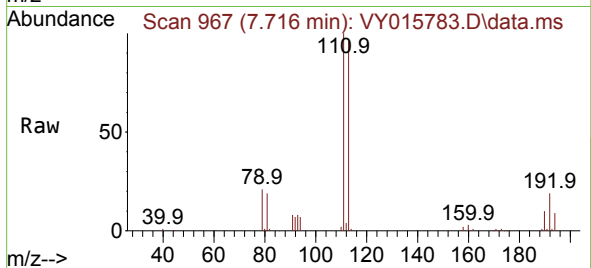
88 15.0 0.0 30.6



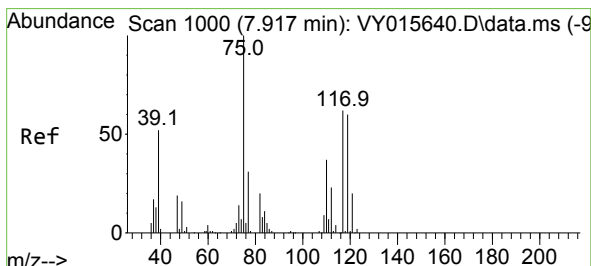
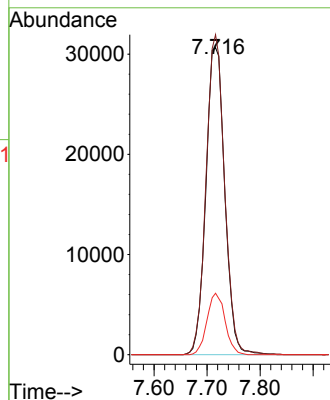
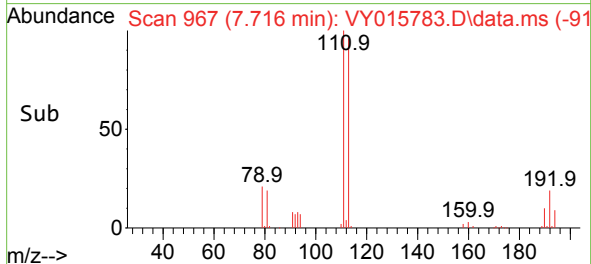


#35
Dibromofluoromethane
Concen: 55.229 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

Instrument :
MSVOA_Y
ClientSampleId :

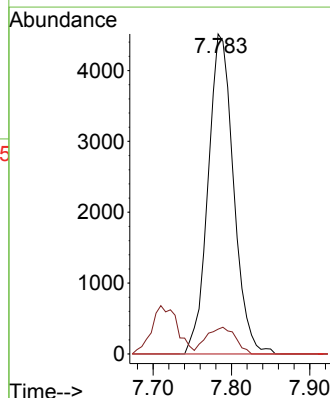
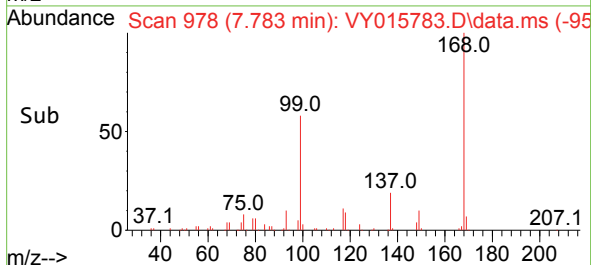
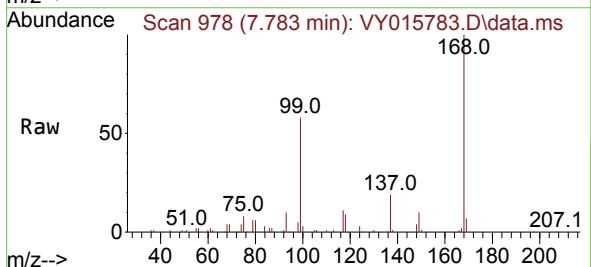


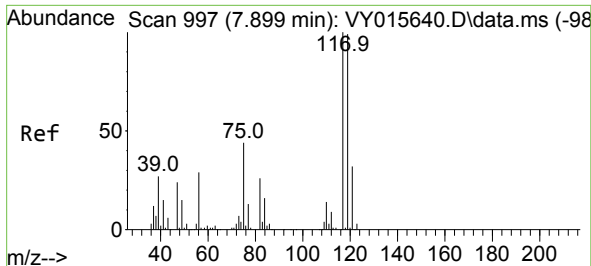
Tgt Ion:113 Resp: 75908
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

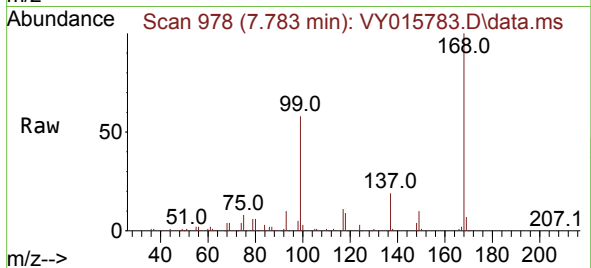
Tgt Ion: 75 Resp: 10204
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



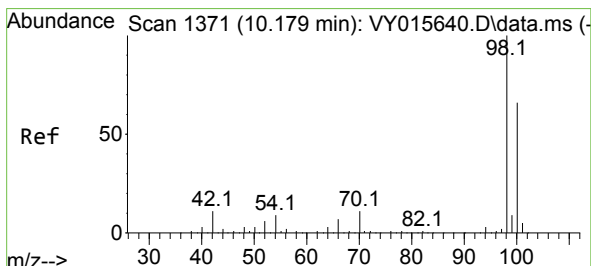
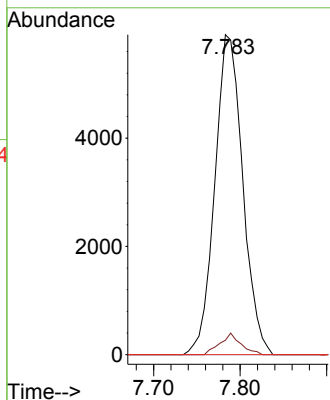
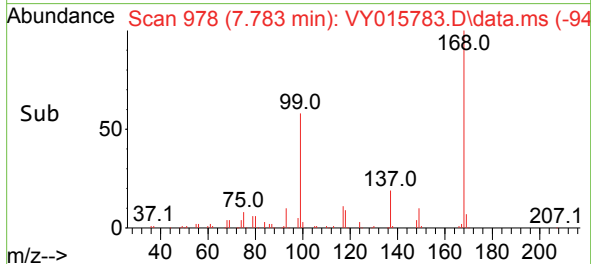


#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

Instrument :
MSVOA_Y
ClientSampleId :

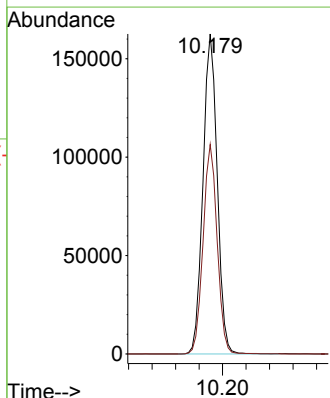
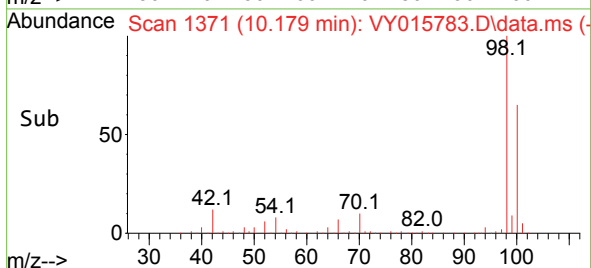
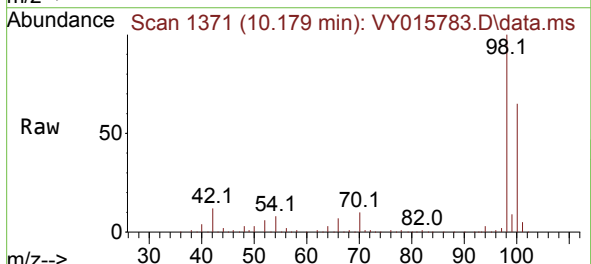


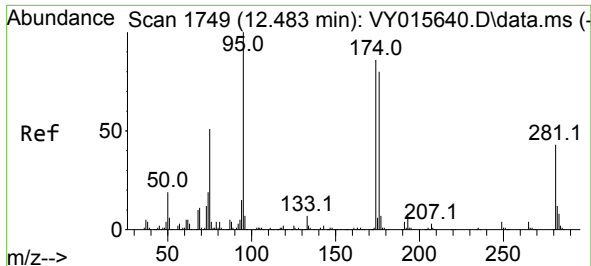
Tgt Ion:117 Resp: 13236
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.692 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

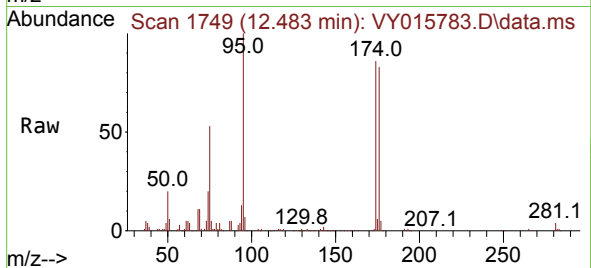
Tgt Ion: 98 Resp: 273516
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



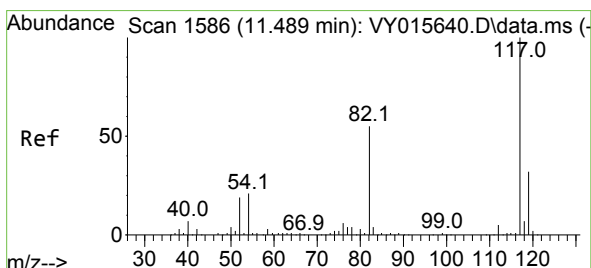
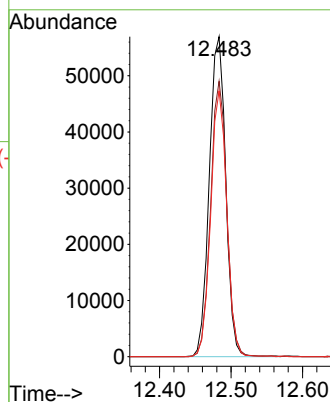
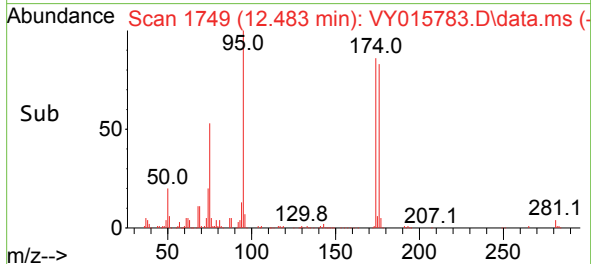


#62
4-Bromofluorobenzene
Concen: 49.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51

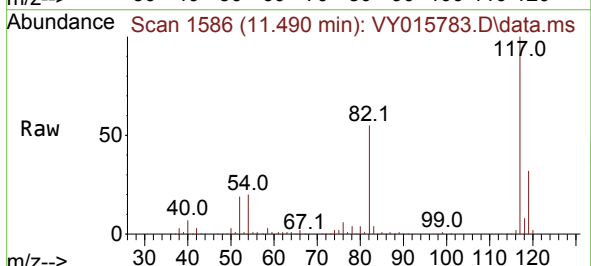
Instrument :
MSVOA_Y
ClientSampleId :



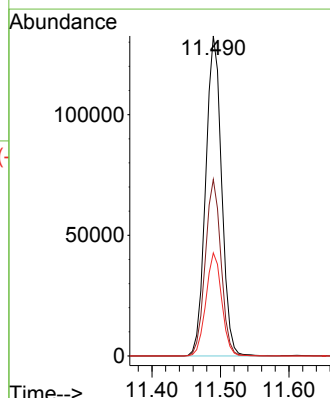
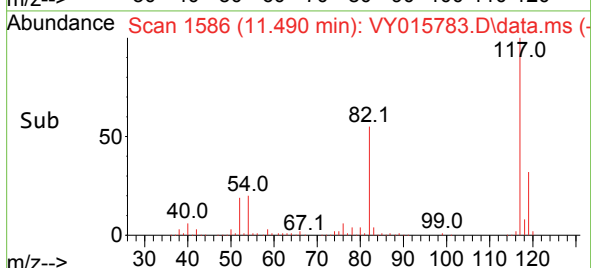
Tgt Ion: 95 Resp: 90930
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.3 0.0 173.8

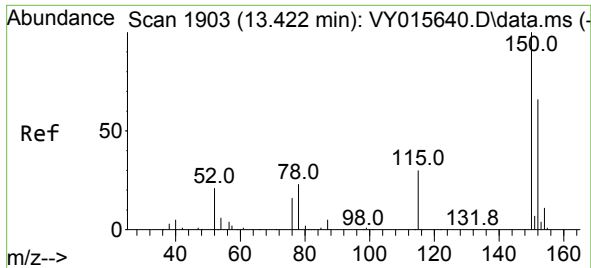


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015783.D
Acq: 02 Oct 2023 17:51



Tgt Ion: 117 Resp: 214928
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.2 26.3 39.5

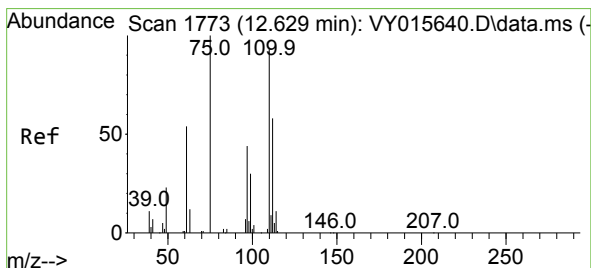
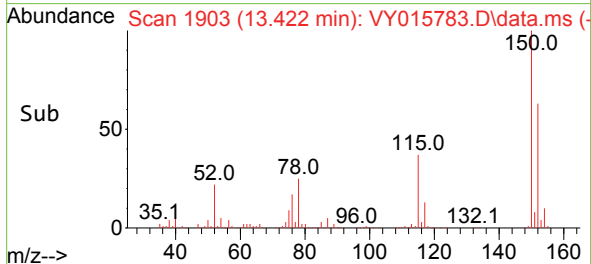
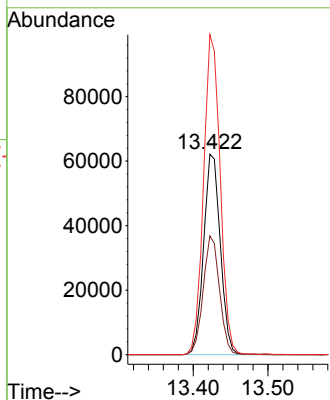
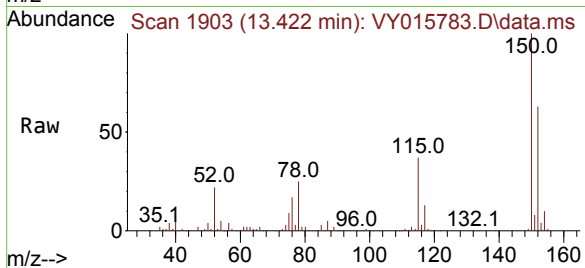




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015783.D
 Acq: 02 Oct 2023 17:51

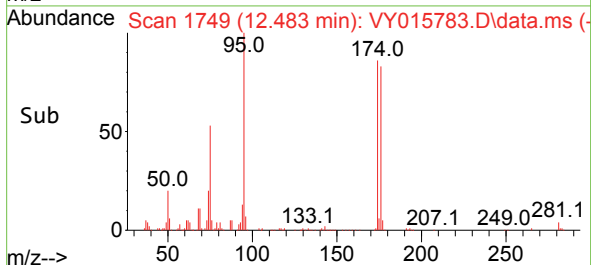
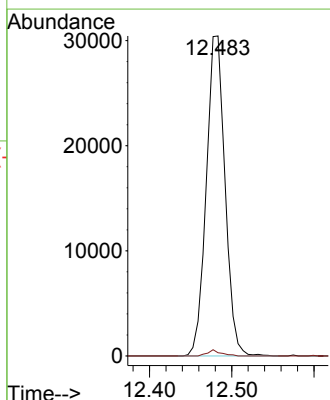
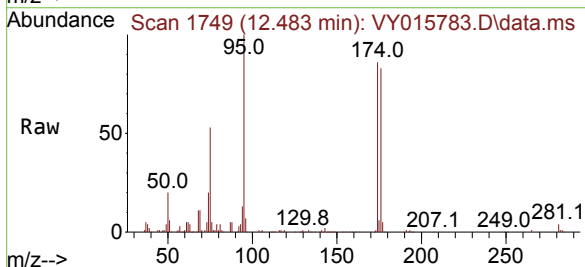
Instrument :
 MSVOA_Y
 ClientSampleId :

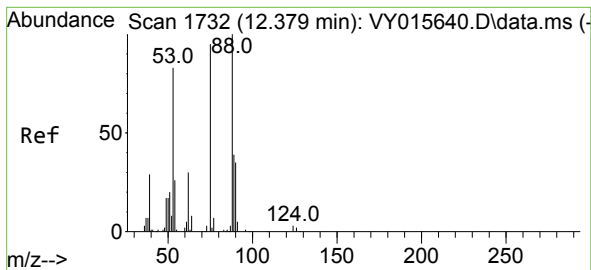
Tgt Ion:152 Resp: 96408
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 158.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 31.361 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015783.D
 Acq: 02 Oct 2023 17:51

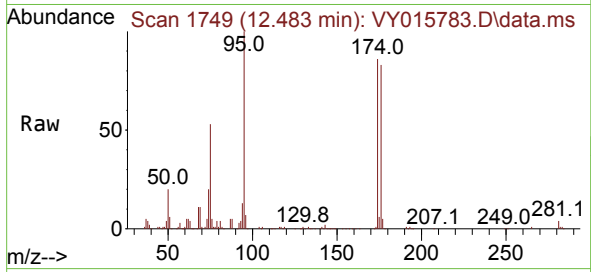
Tgt Ion: 75 Resp: 48234
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.622 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015783.D
 Acq: 02 Oct 2023 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 48234
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

