

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015786.D
 Acq On : 02 Oct 2023 19:01
 Operator : SY/MD
 Sample : 04657-04RE
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

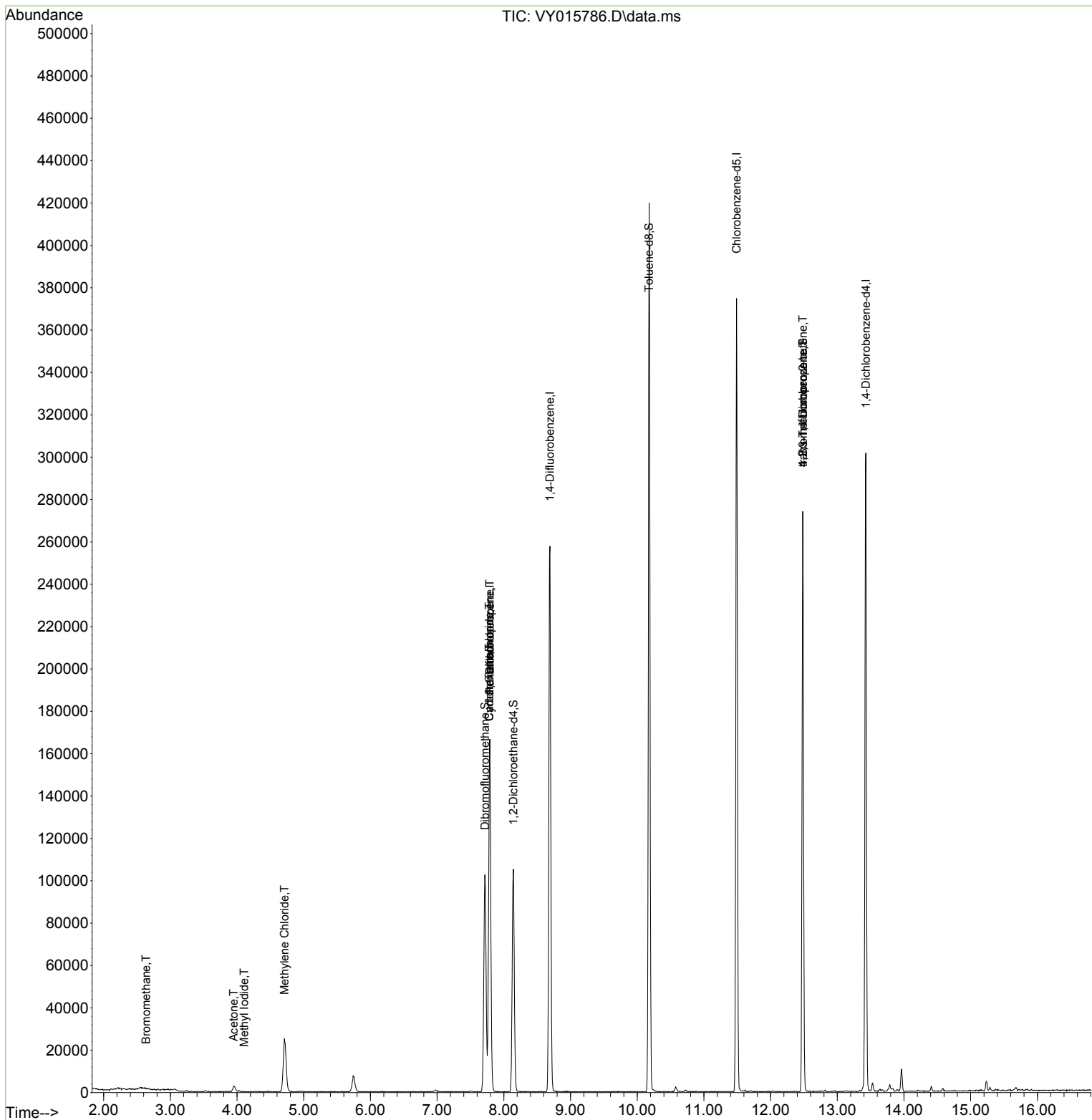
Quant Time: Oct 03 01:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

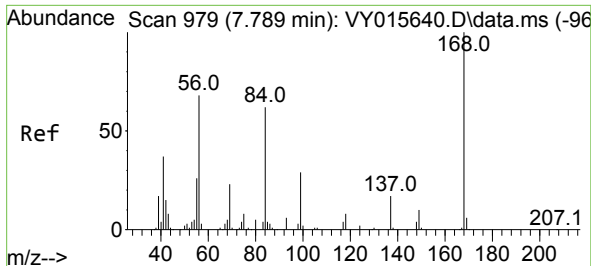
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	127585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80690	57.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.960%	
35) Dibromofluoromethane	7.716	113	73303	54.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.280%	
50) Toluene-d8	10.179	98	264221	58.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.180%	
62) 4-Bromofluorobenzene	12.483	95	79937	44.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.637	94	19	2.572	ug/l #	2
10) Methyl Iodide	4.107	142	110	2.798	ug/l #	38
11) Tert butyl alcohol	4.972	59	578	Below Cal	#	89
16) Acetone	3.948	43	5030	6.696	ug/l #	86
20) Methylene Chloride	4.710	84	18890	7.353	ug/l	93
31) Cyclohexane	7.783	56	2540	1.306	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9918	5.000	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12878	5.981	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	41745	33.877	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41745	76.288	ug/l #	11

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

Quant Time: Oct 03 01:26:50 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

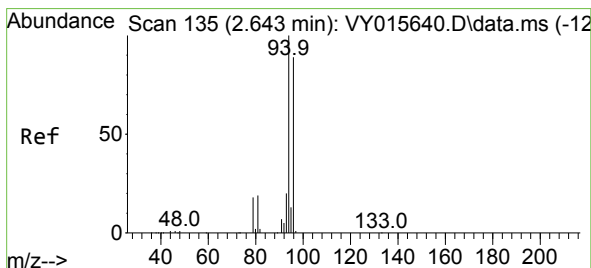
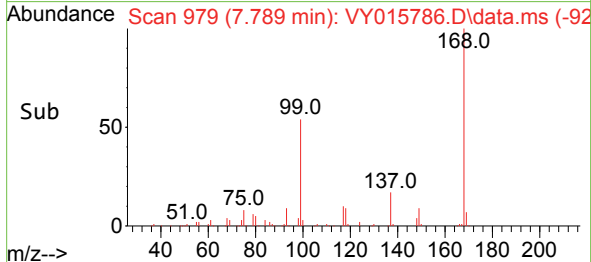
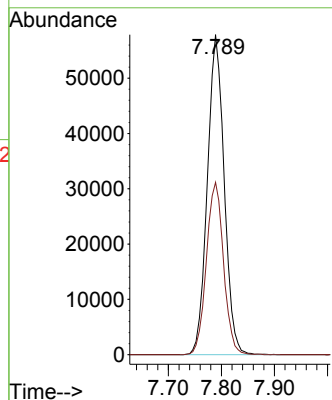
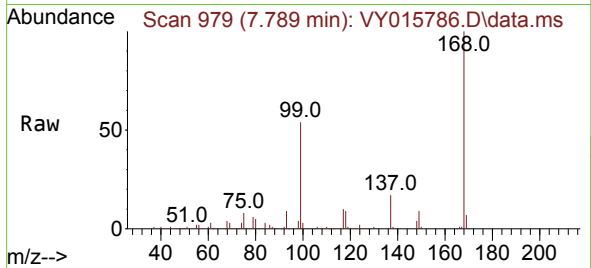




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

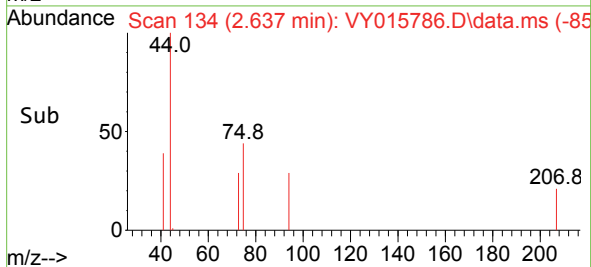
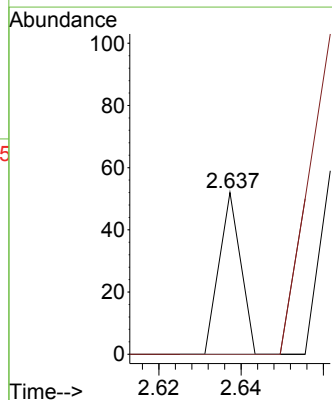
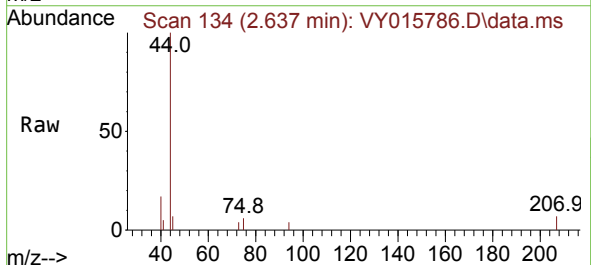
Instrument :
MSVOA_Y
ClientSampleId :

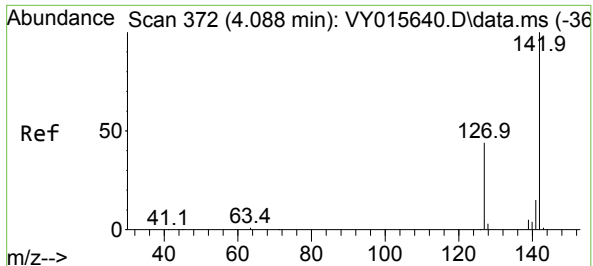
Tgt Ion:168 Resp: 127585
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#5
Bromomethane
Concen: 2.572 ug/l
RT: 2.637 min Scan# 134
Delta R.T. 0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

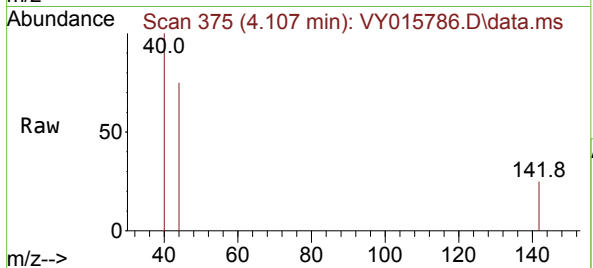
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#



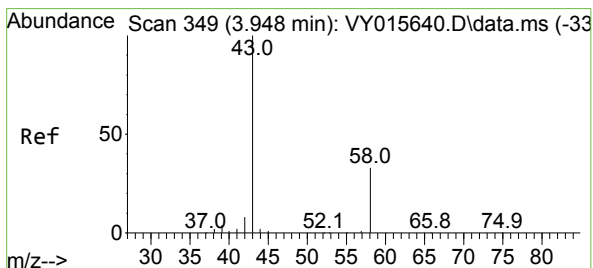
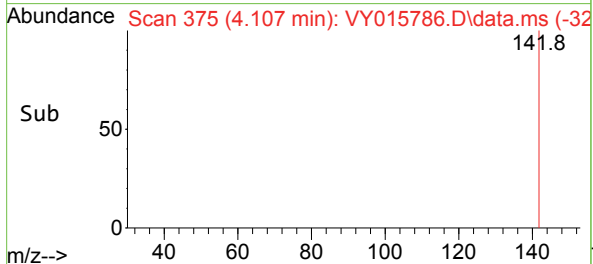
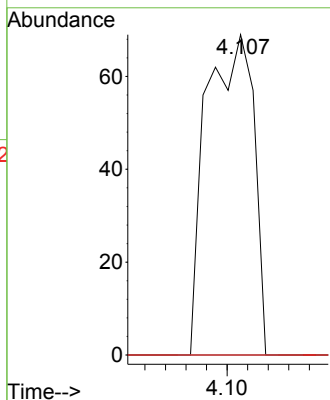


#10
Methyl Iodide
Concen: 2.798 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Instrument :
MSVOA_Y
ClientSampleId :

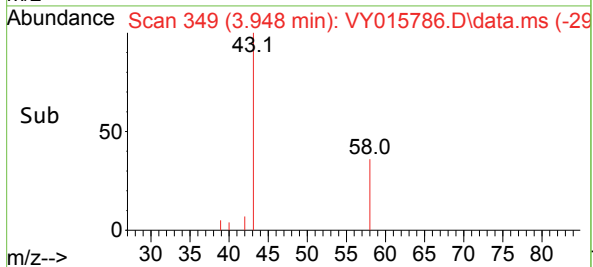
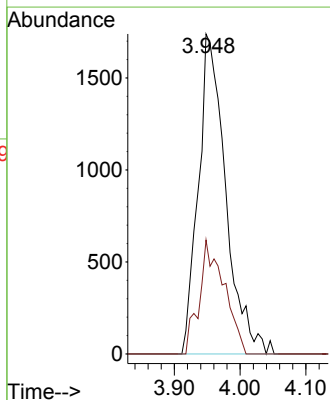
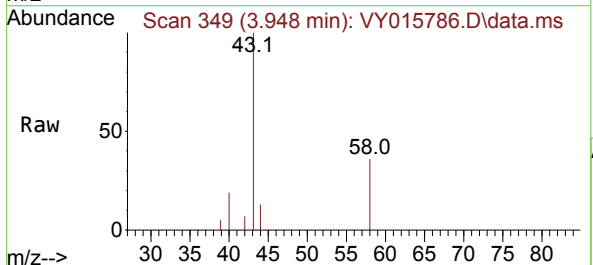


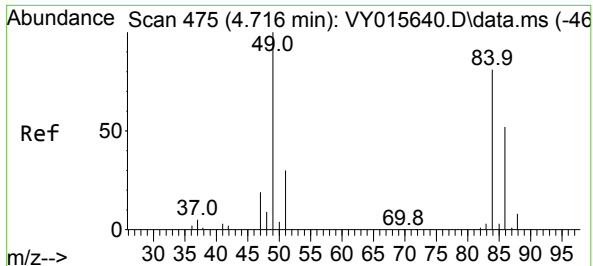
Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 6.696 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

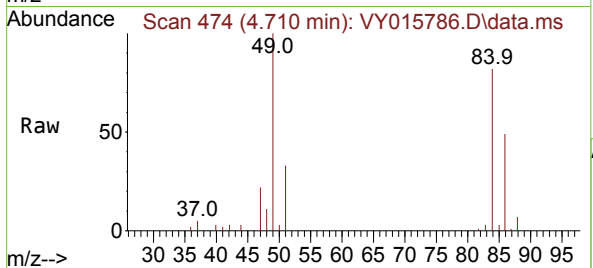
Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#



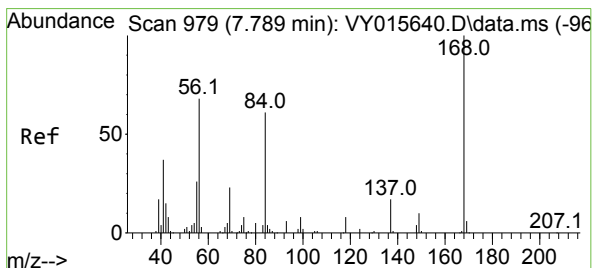
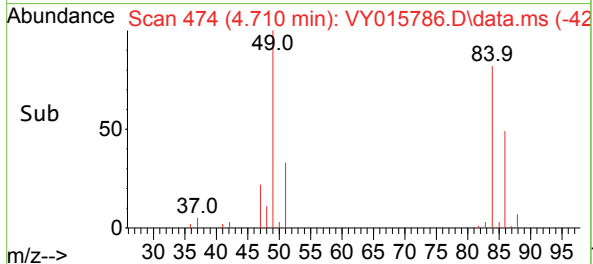
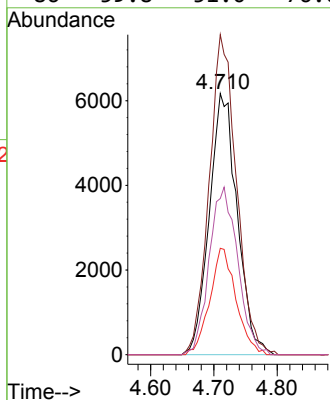


#20
Methylene Chloride
Concen: 7.353 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Instrument :
MSVOA_Y
ClientSampleId :

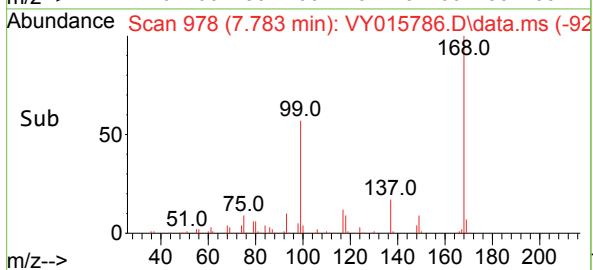
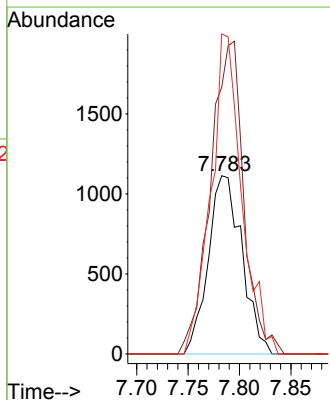
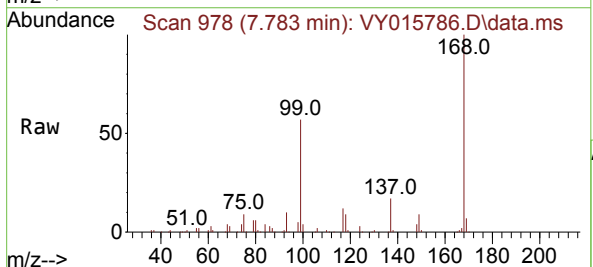


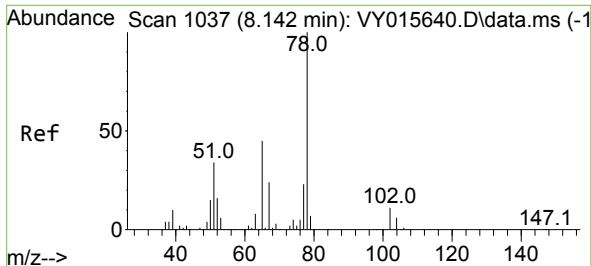
Tgt Ion:	84	Resp:	18890
Ion	Ratio	Lower	Upper
84	100		
49	122.5	106.9	160.3
51	40.7	33.2	49.8
86	59.8	51.0	76.6



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Tgt Ion:	56	Resp:	2540
Ion	Ratio	Lower	Upper
56	100		
69	149.6	27.8	41.6#
84	179.5	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.480 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY015786.D

Acq: 02 Oct 2023 19:01

Instrument :

MSVOA_Y

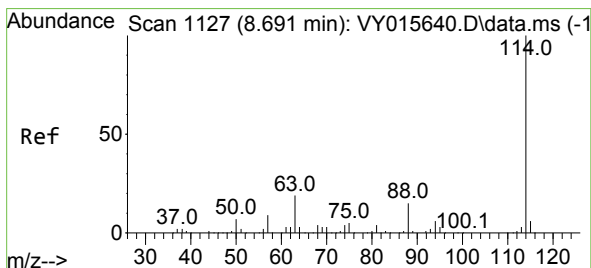
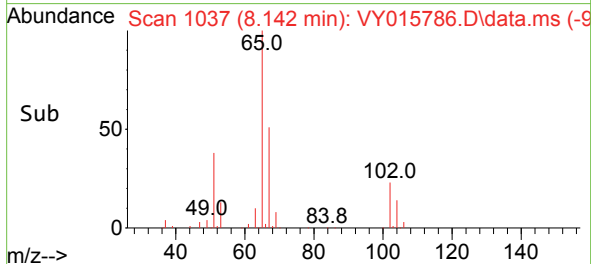
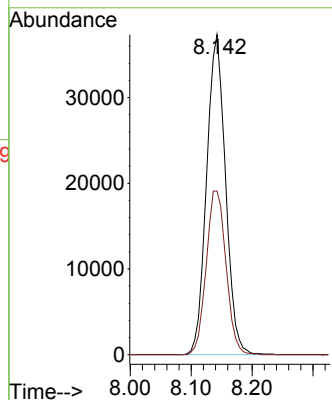
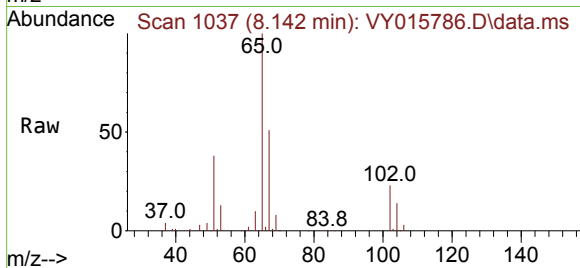
ClientSampleId :

Tgt Ion: 65 Resp: 80690

Ion Ratio Lower Upper

65 100

67 53.5 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: VY015786.D

Acq: 02 Oct 2023 19:01

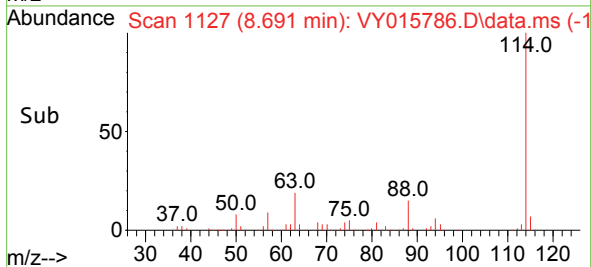
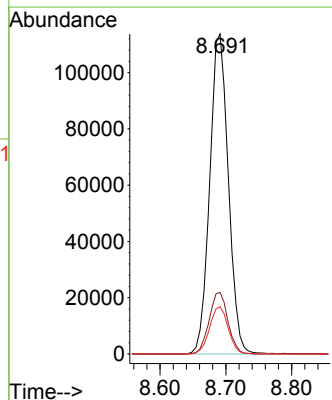
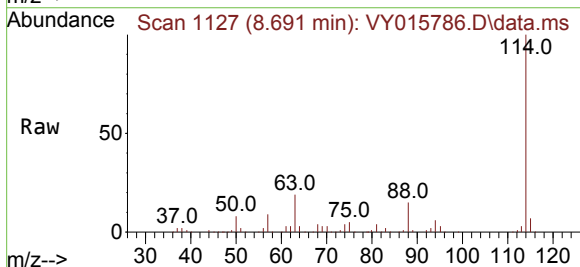
Tgt Ion: 114 Resp: 224141

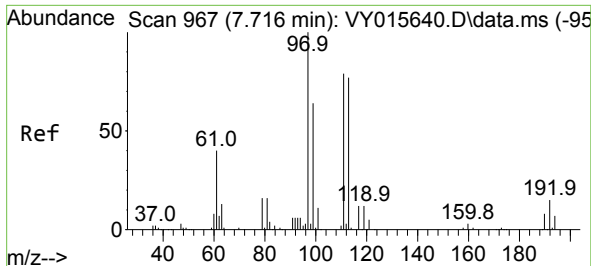
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

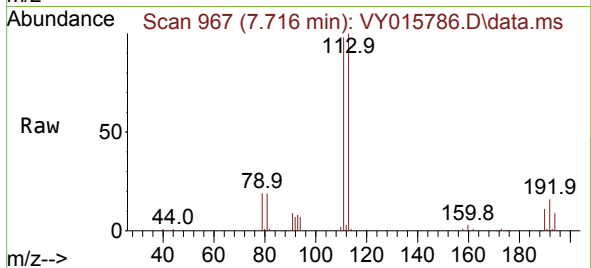
88 14.8 0.0 30.6



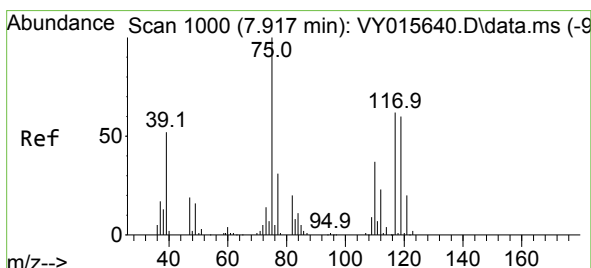
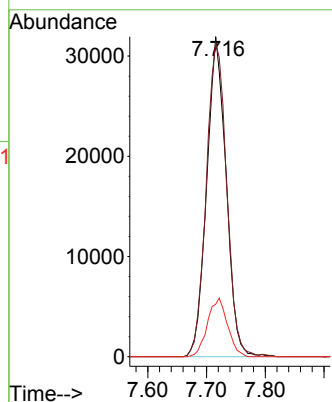
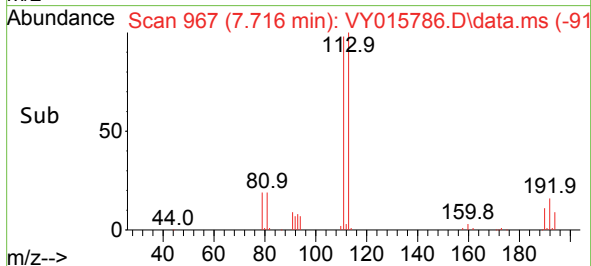


#35
Dibromofluoromethane
Concen: 54.640 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Instrument :
MSVOA_Y
ClientSampleId :

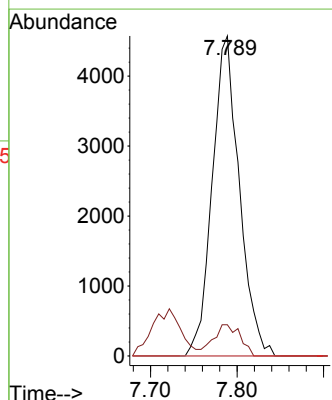
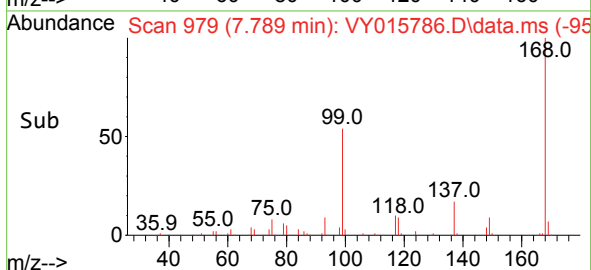
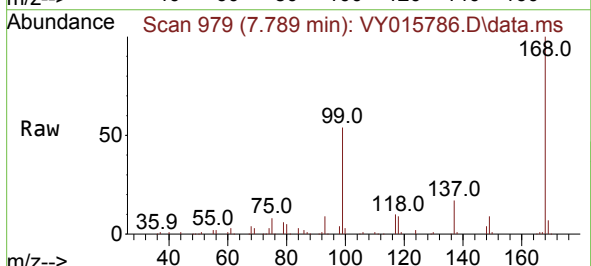


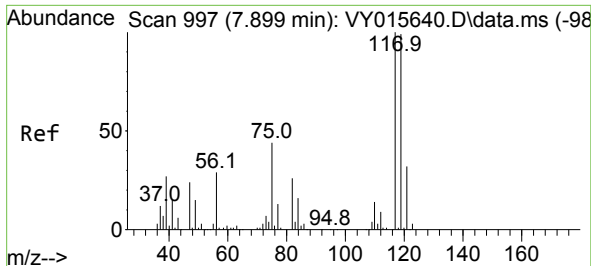
Tgt Ion:113 Resp: 73303
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

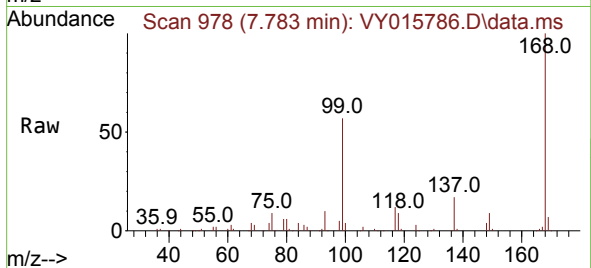
Tgt Ion: 75 Resp: 9918
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



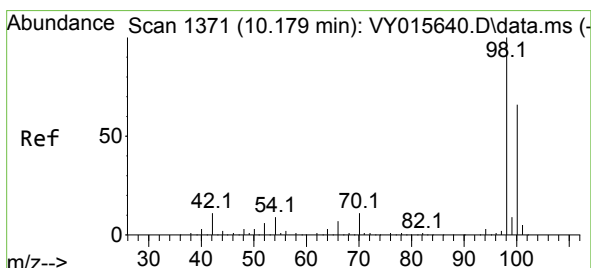
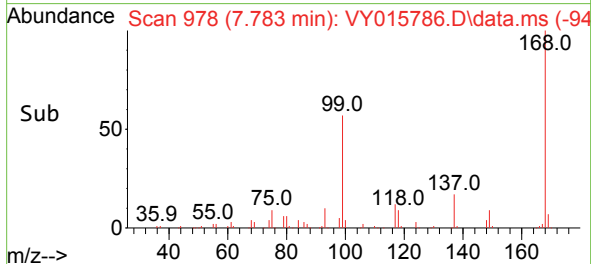
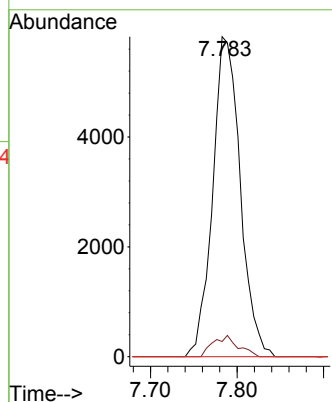


#38
Carbon Tetrachloride
Concen: 5.981 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Instrument :
MSVOA_Y
ClientSampleId :

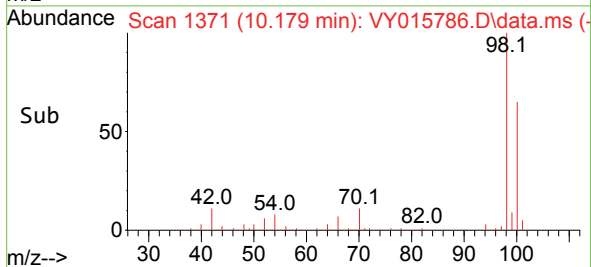
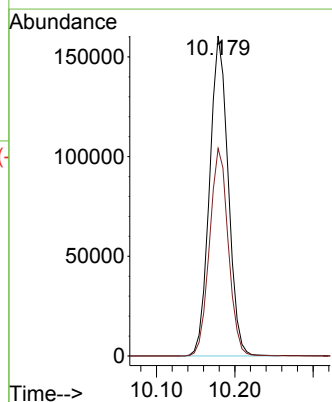
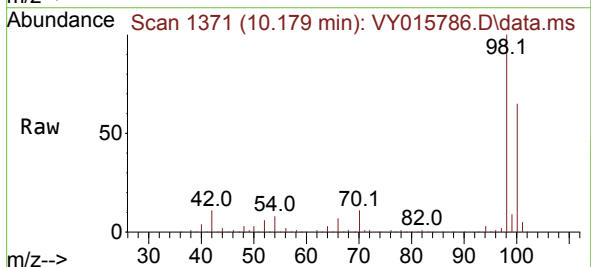


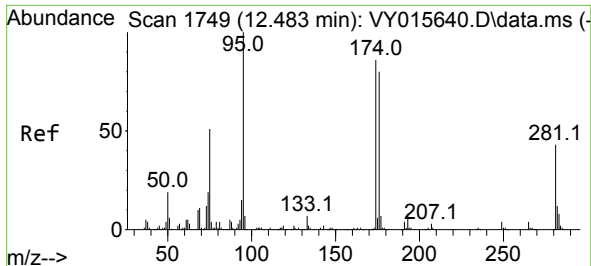
Tgt Ion:117 Resp: 12878
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.087 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

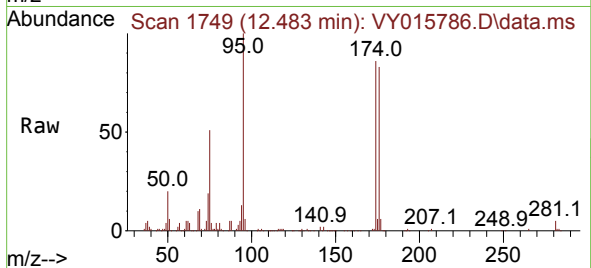
Tgt Ion: 98 Resp: 264221
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



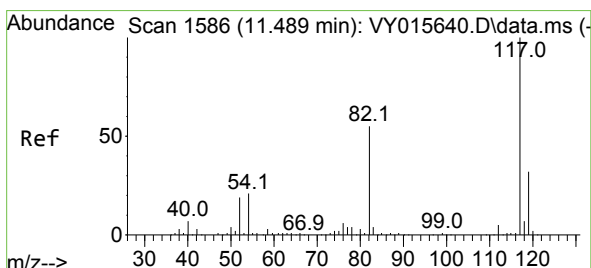
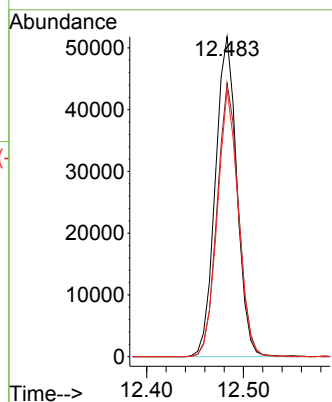
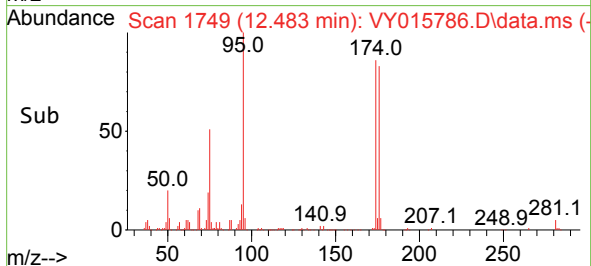


#62
4-Bromofluorobenzene
Concen: 44.780 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Instrument :
MSVOA_Y
ClientSampleId :

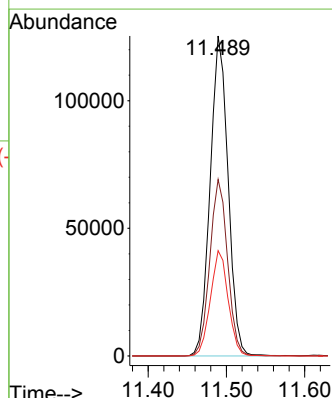
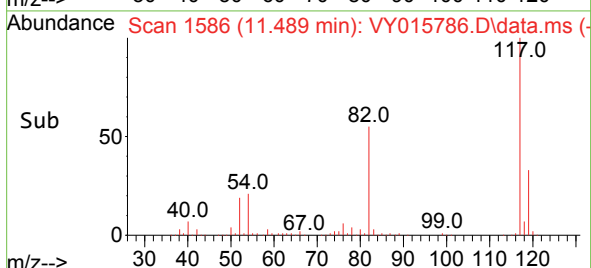
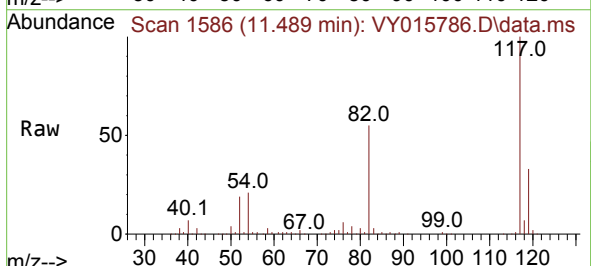


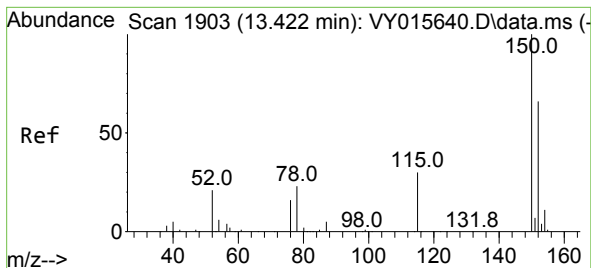
Tgt Ion: 95 Resp: 79937
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Tgt Ion: 117 Resp: 199061
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.9 26.3 39.5

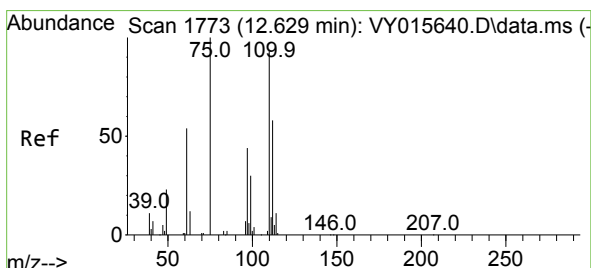
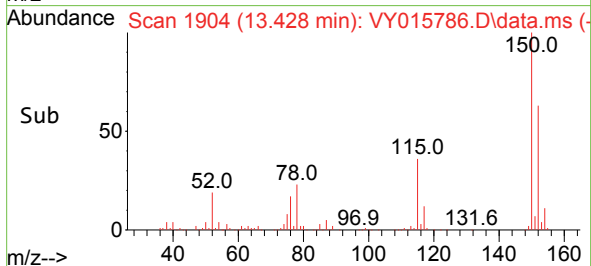
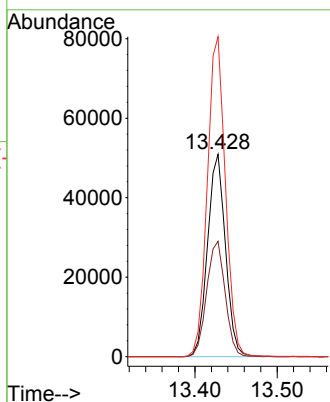
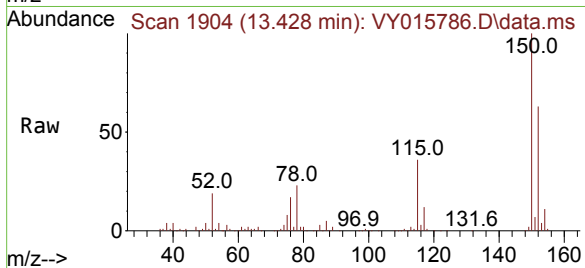




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015786.D
 Acq: 02 Oct 2023 19:01

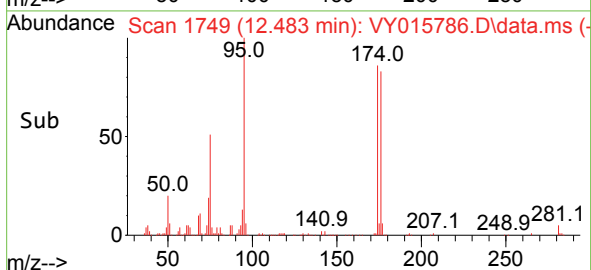
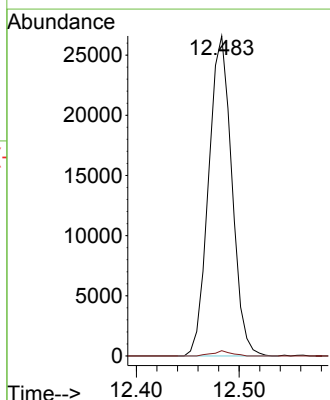
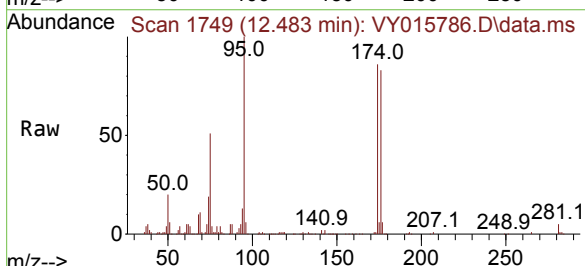
Instrument :
 MSVOA_Y
 ClientSampleId :

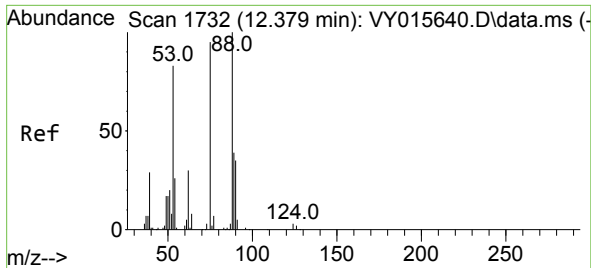
Tgt Ion:152 Resp: 77241
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.8 86.5
 150 159.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 33.877 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015786.D
 Acq: 02 Oct 2023 19:01

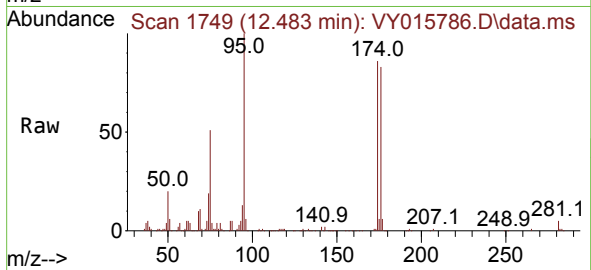
Tgt Ion: 75 Resp: 41745
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.288 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015786.D
 Acq: 02 Oct 2023 19:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

