

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015787.D
 Acq On : 02 Oct 2023 19:25
 Operator : SY/MD
 Sample : 04657-06RE
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:27:21 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)

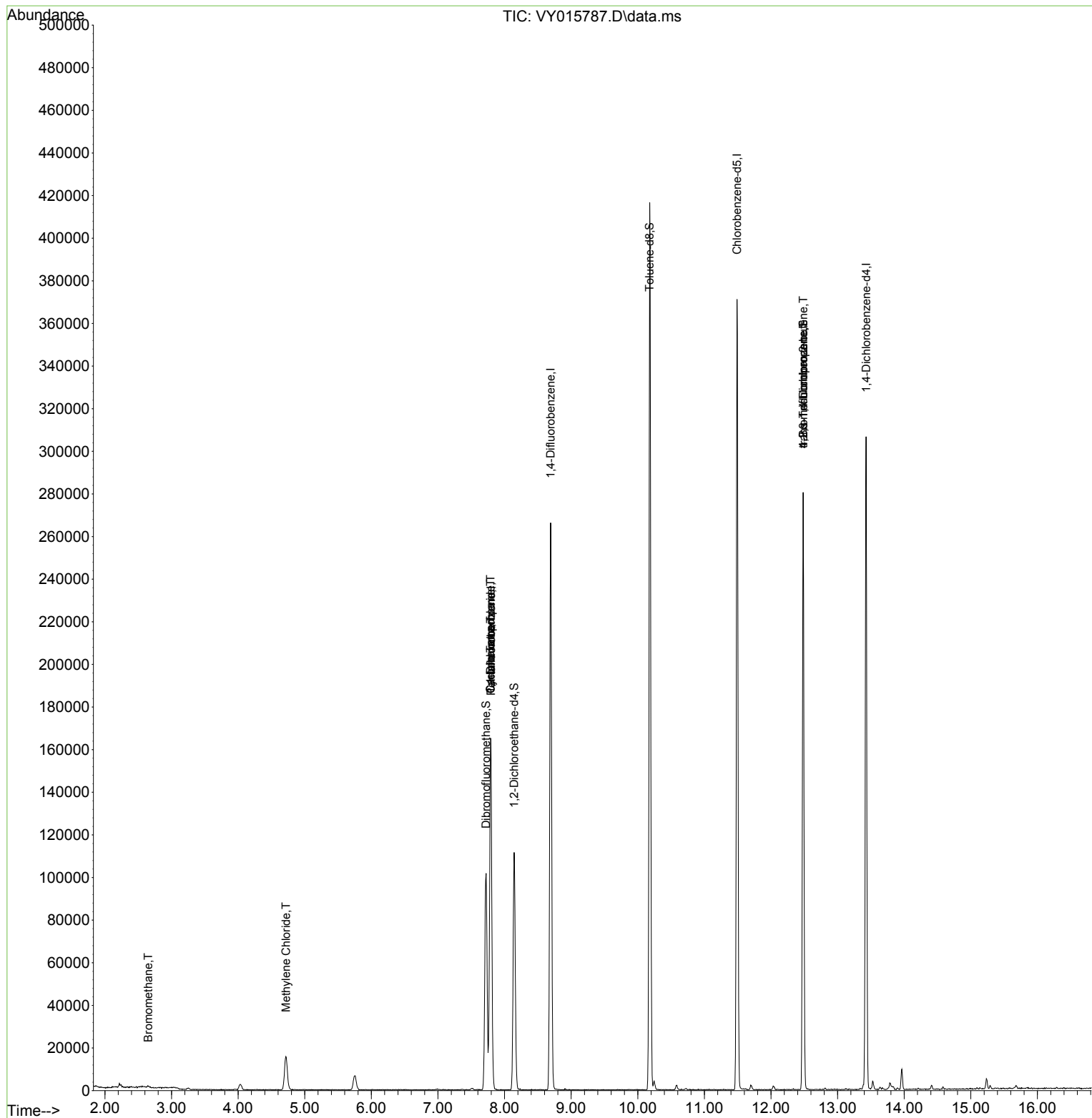
Internal Standards						
1) Pentafluorobenzene	7.795	168	130824	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	227896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84713	58.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.700%	
35) Dibromofluoromethane	7.722	113	73878	54.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.179	98	270861	58.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.140%	
62) 4-Bromofluorobenzene	12.483	95	81431	44.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	98	2.632	ug/l	96
11) Tert butyl alcohol	4.972	59	55	Below Cal	#	89
20) Methylene Chloride	4.716	84	12170	2.628	ug/l	93
31) Cyclohexane	7.789	56	2777	1.393	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10077	4.996	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13082	5.976	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	43528	34.641	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43528	78.007	ug/l #	10

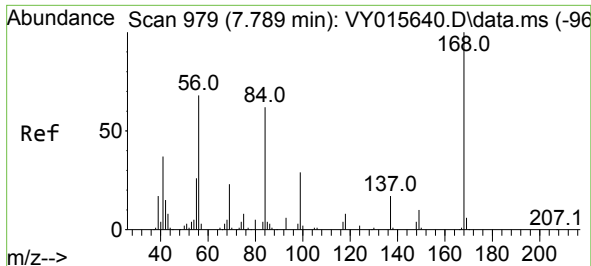
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015787.D
Acq On : 02 Oct 2023 19:25
Operator : SY/MD
Sample : 04657-06RE
Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 03 01:27:21 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

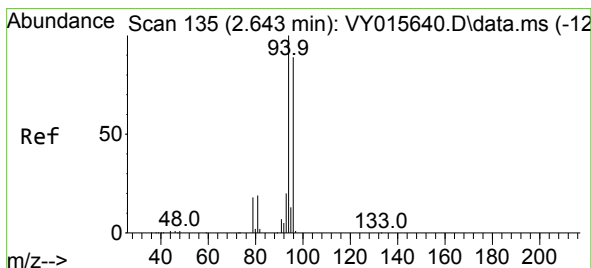
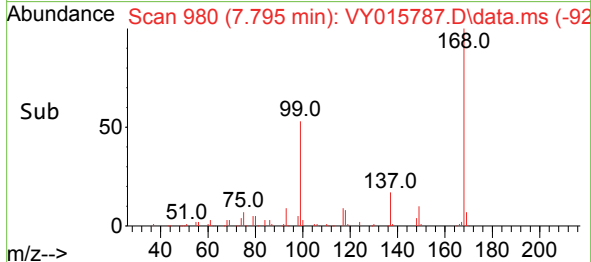
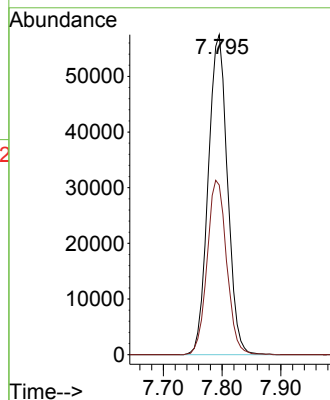
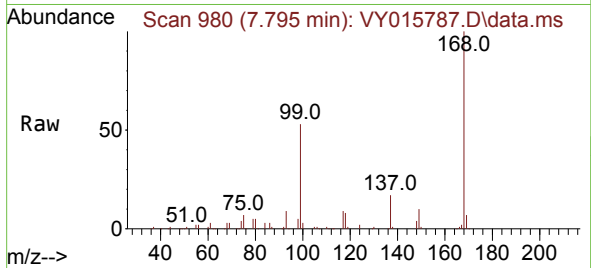




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

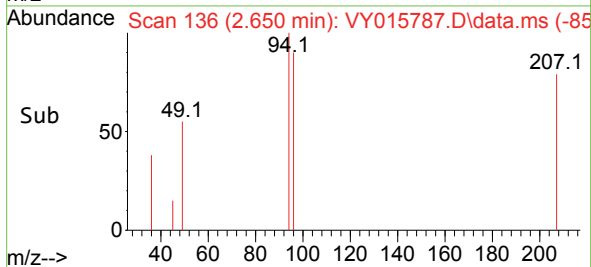
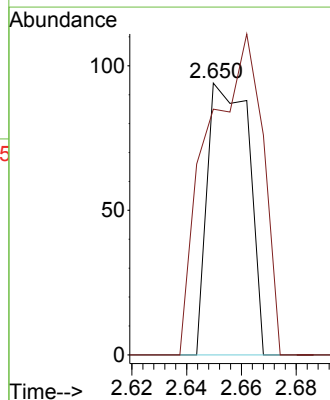
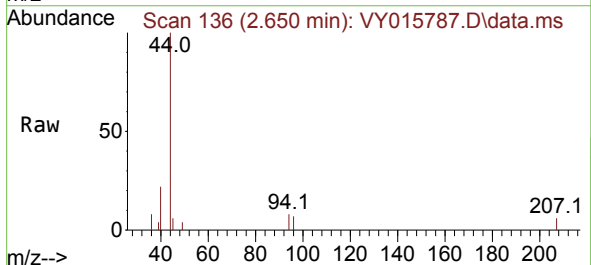
Instrument :
MSVOA_Y
ClientSampleId :

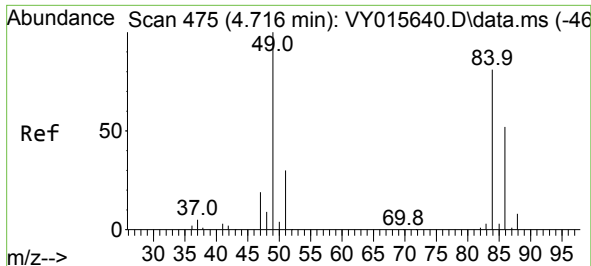
Tgt Ion:168 Resp: 130824
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#5
Bromomethane
Concen: 2.632 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

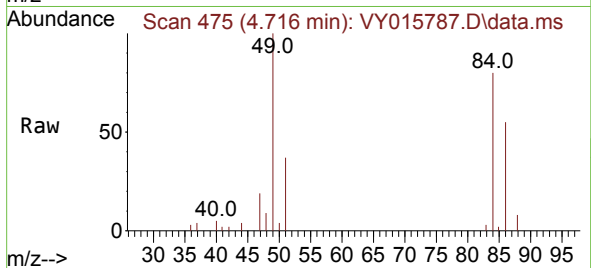
Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.6



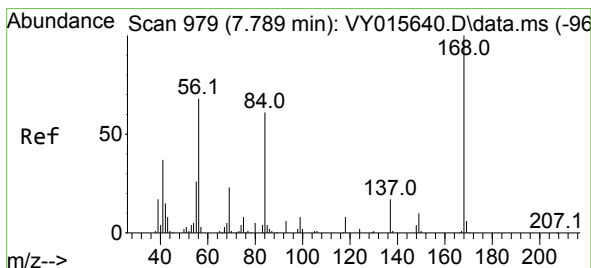
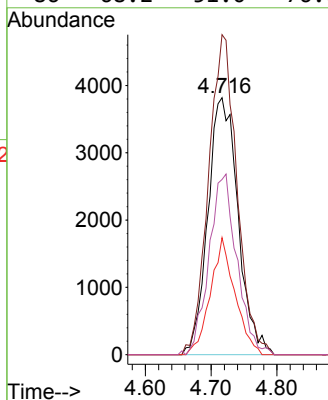
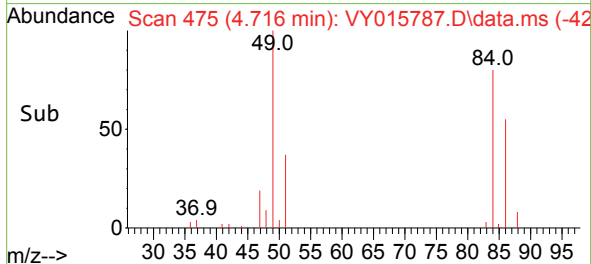


#20
Methylene Chloride
Concen: 2.628 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

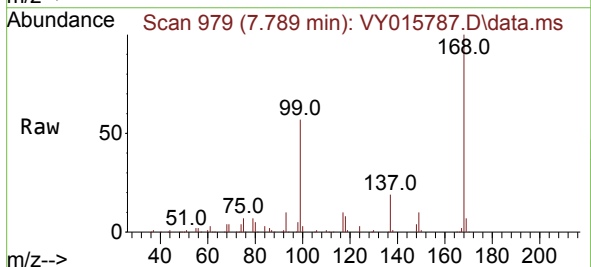
Instrument :
MSVOA_Y
ClientSampleId :



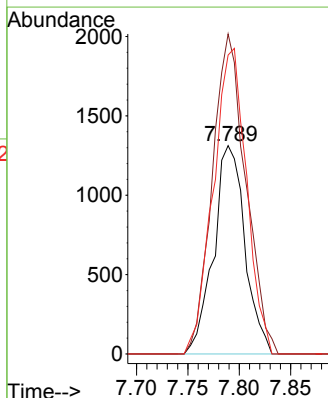
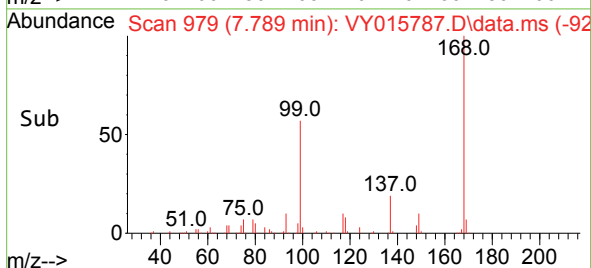
Tgt Ion:	84	Resp:	12170
Ion	Ratio	Lower	Upper
84	100		
49	124.5	106.9	160.3
51	45.5	33.2	49.8
86	68.2	51.0	76.6

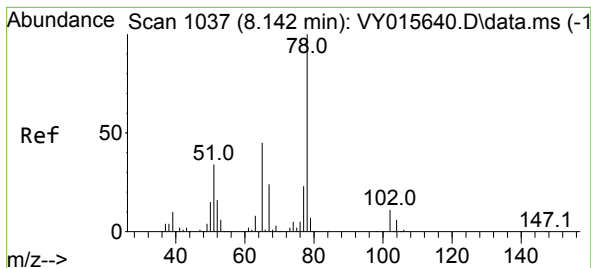


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25



Tgt Ion:	56	Resp:	2777
Ion	Ratio	Lower	Upper
56	100		
69	153.5	27.8	41.6#
84	143.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.852 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY015787.D

Acq: 02 Oct 2023 19:25

Instrument :

MSVOA_Y

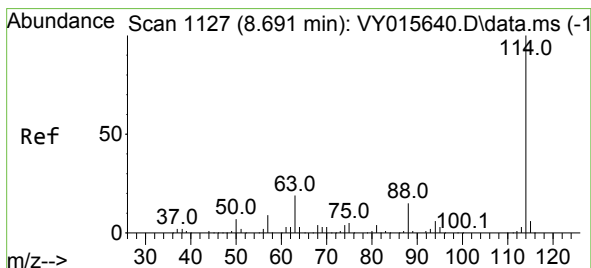
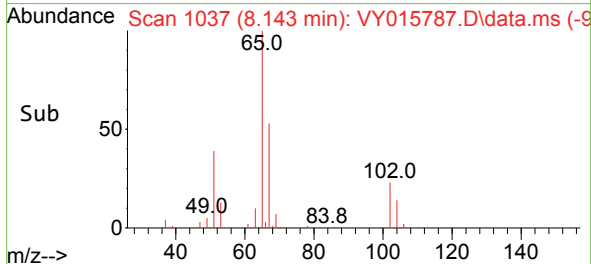
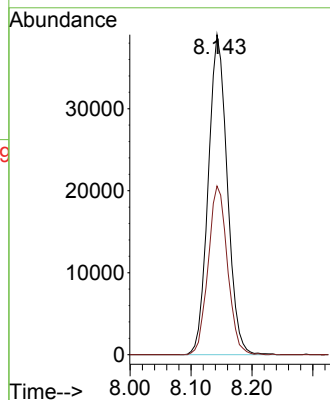
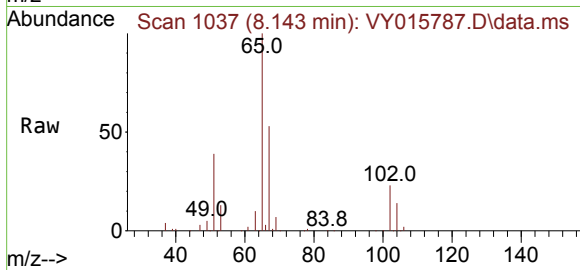
ClientSampleId :

Tgt Ion: 65 Resp: 84713

Ion Ratio Lower Upper

65 100

67 53.4 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: VY015787.D

Acq: 02 Oct 2023 19:25

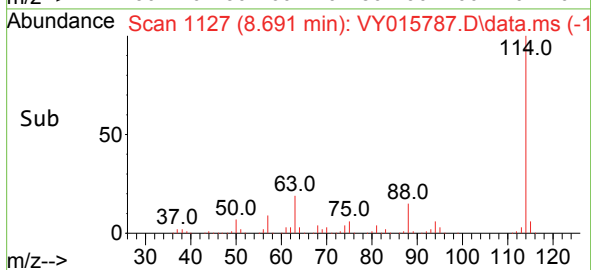
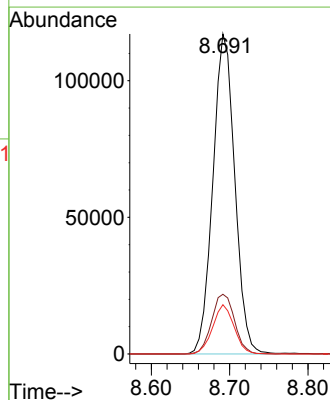
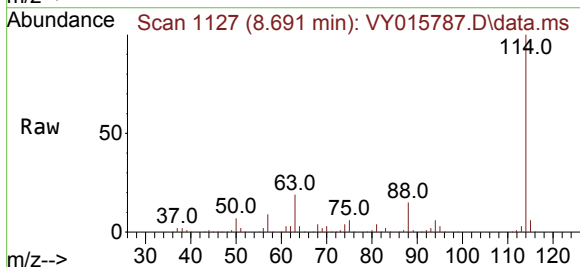
Tgt Ion:114 Resp: 227896

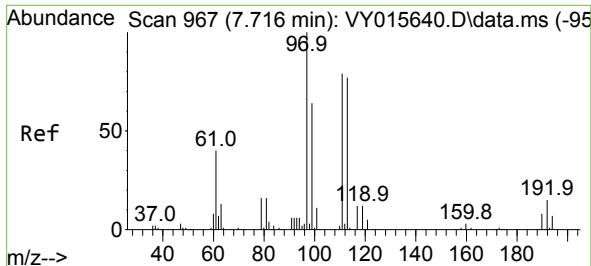
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.4 0.0 30.6

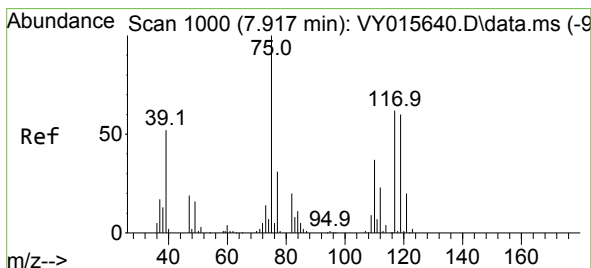
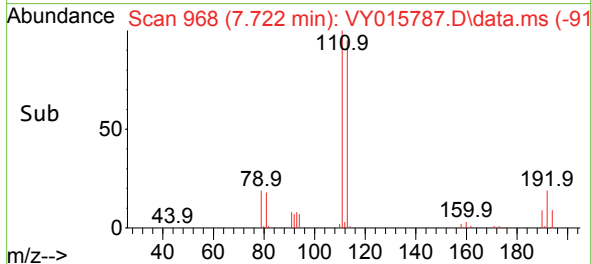
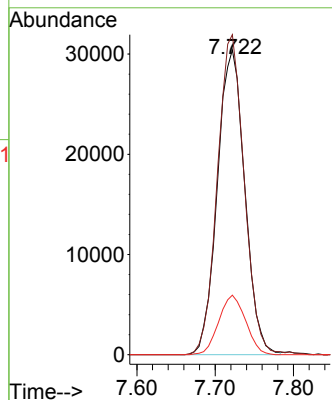
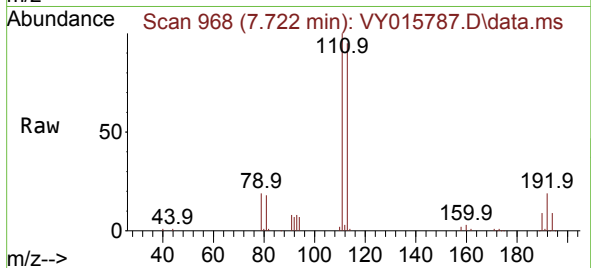




#35
Dibromofluoromethane
Concen: 54.161 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

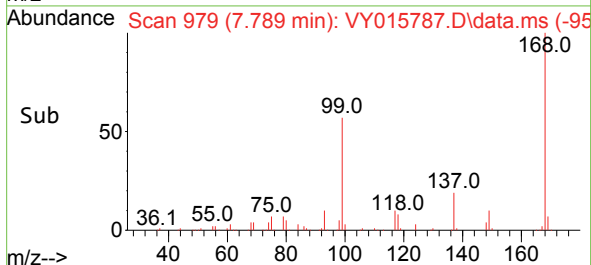
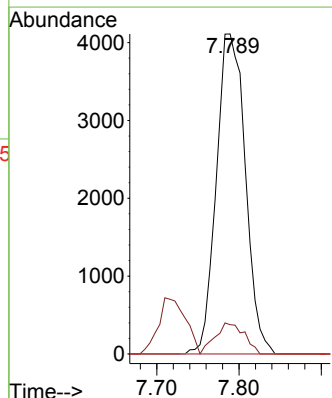
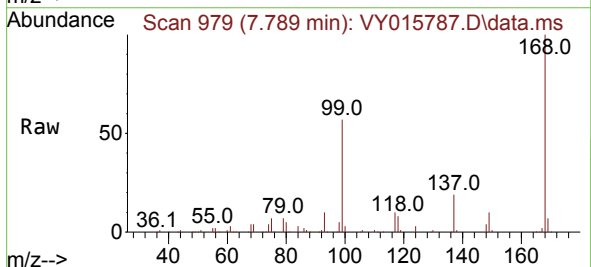
Instrument :
MSVOA_Y
ClientSampleId :

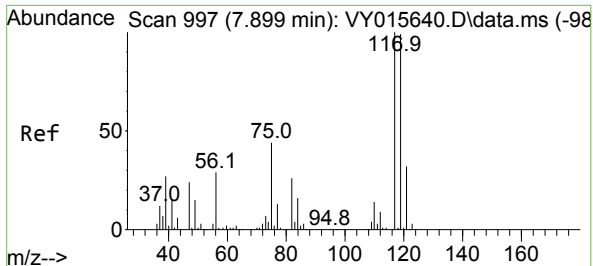
Tgt Ion:113 Resp: 73878
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

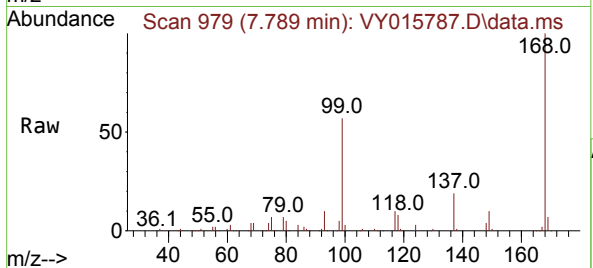
Tgt Ion: 75 Resp: 10077
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



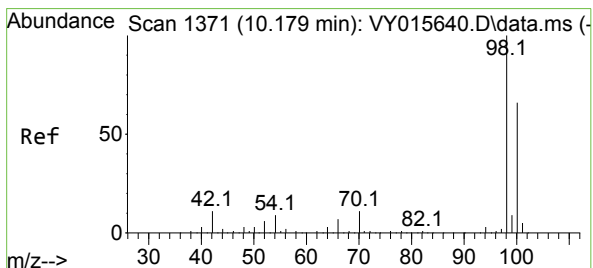
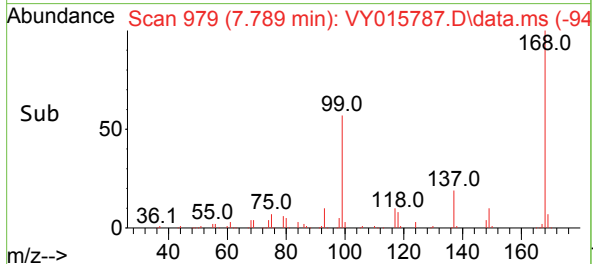
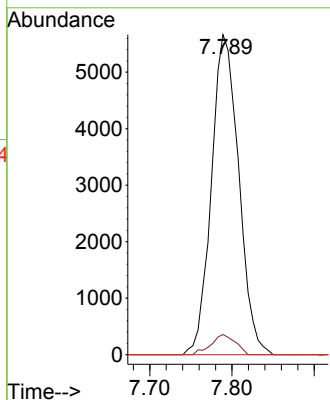


#38
Carbon Tetrachloride
Concen: 5.976 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

Instrument :
MSVOA_Y
ClientSampleId :

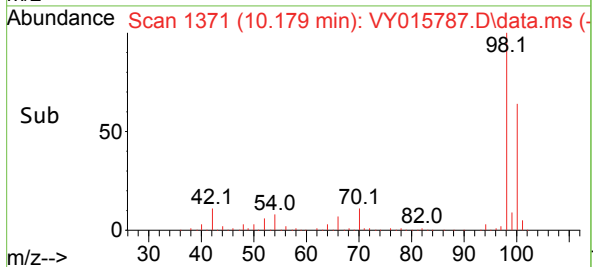
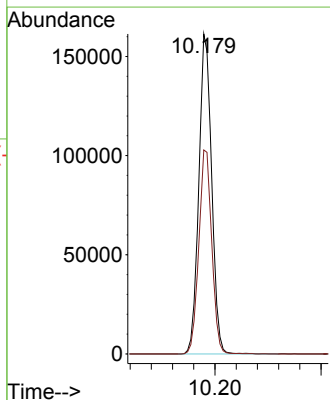
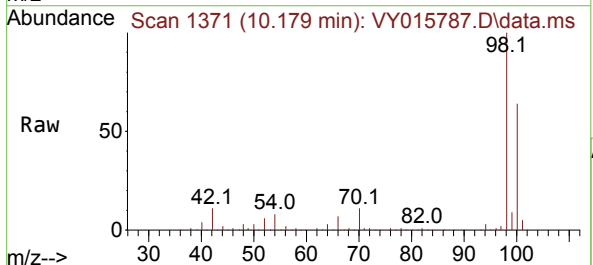


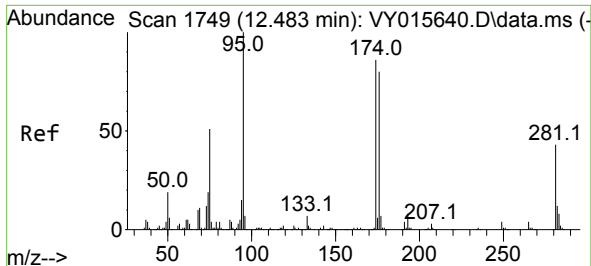
Tgt Ion:117 Resp: 13082
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.565 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

Tgt Ion: 98 Resp: 270861
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

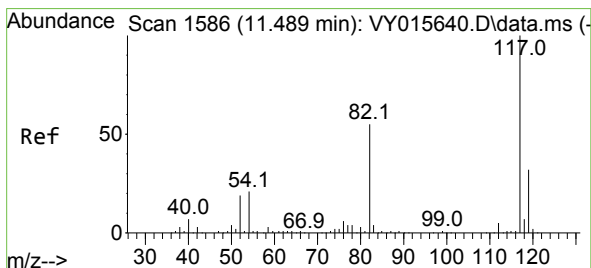
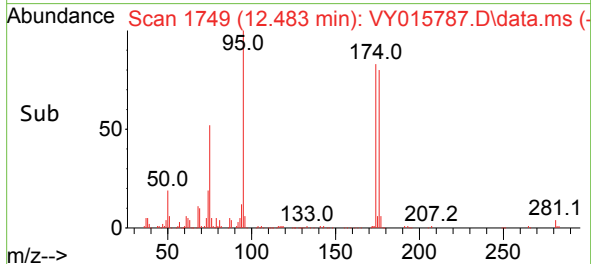
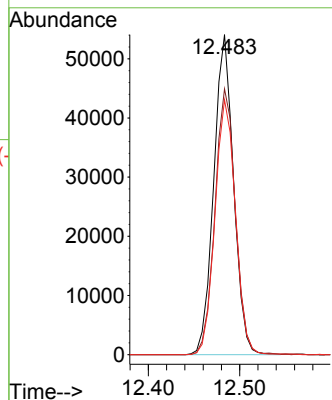
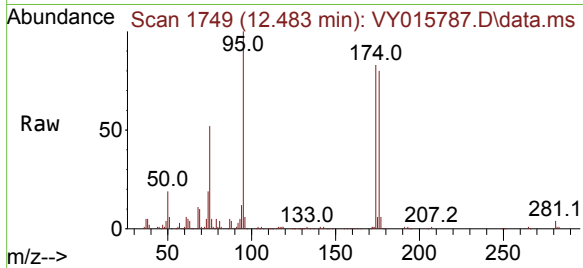




#62
4-Bromofluorobenzene
Concen: 44.866 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

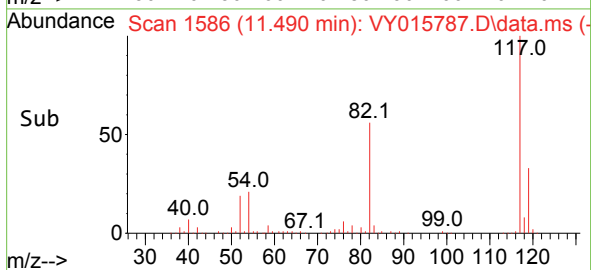
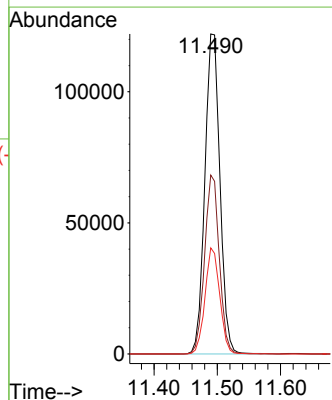
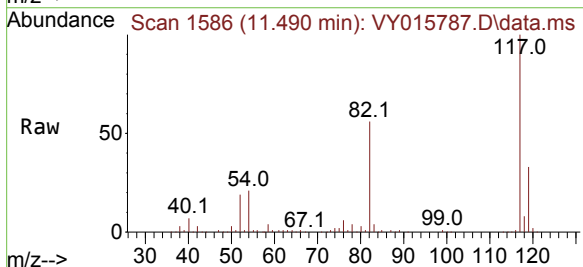
Instrument :
MSVOA_Y
ClientSampleId :

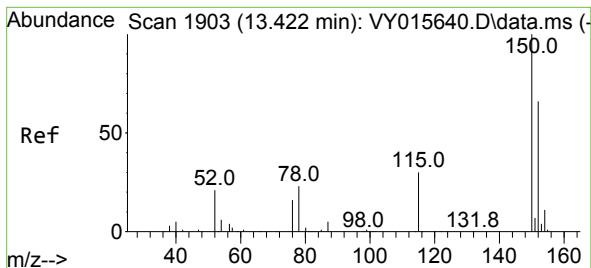
Tgt Ion: 95 Resp: 81431
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

Tgt Ion: 117 Resp: 202792
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 33.1 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: VY015787.D

Acq: 02 Oct 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

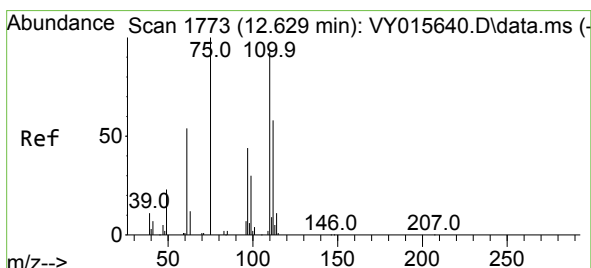
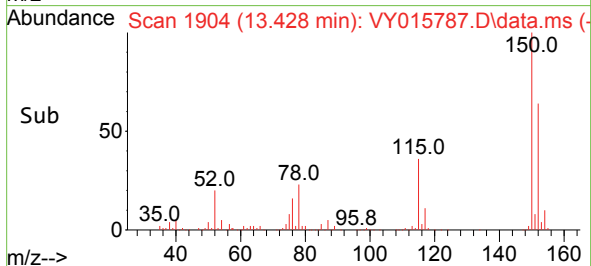
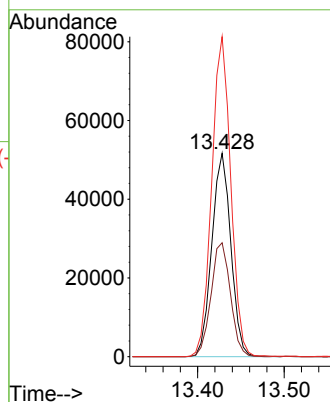
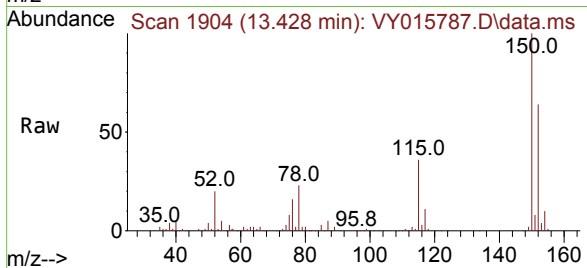
Tgt Ion:152 Resp: 78765

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 157.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 34.641 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015787.D

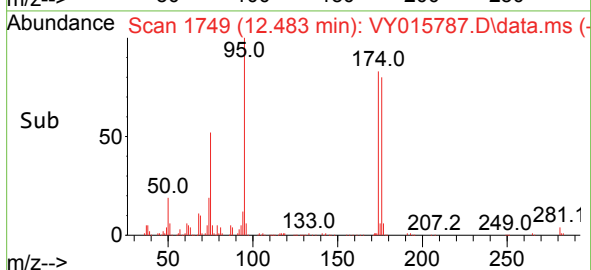
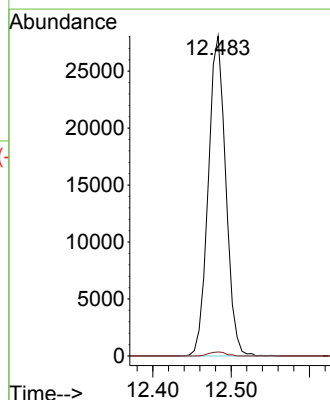
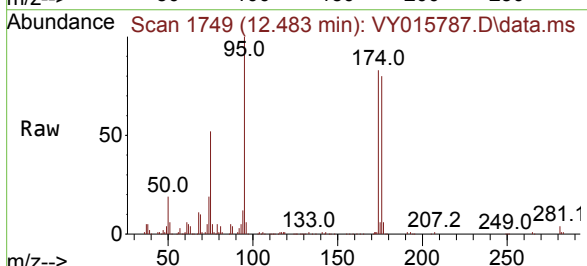
Acq: 02 Oct 2023 19:25

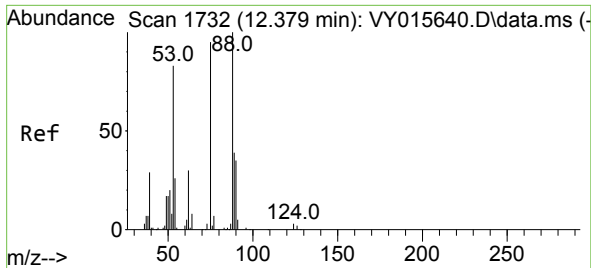
Tgt Ion: 75 Resp: 43528

Ion Ratio Lower Upper

75 100

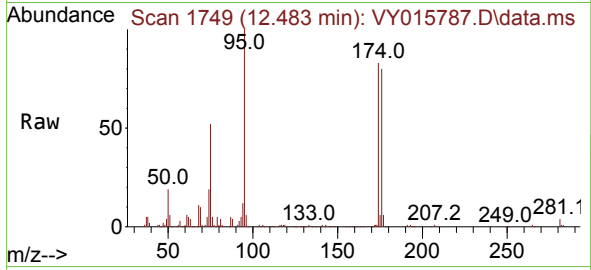
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.007 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015787.D
 Acq: 02 Oct 2023 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43528
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

