

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015659.D
 Acq On : 20 Sep 2023 15:19
 Operator : SY/MD
 Sample : 04501-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 03:42:09 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)

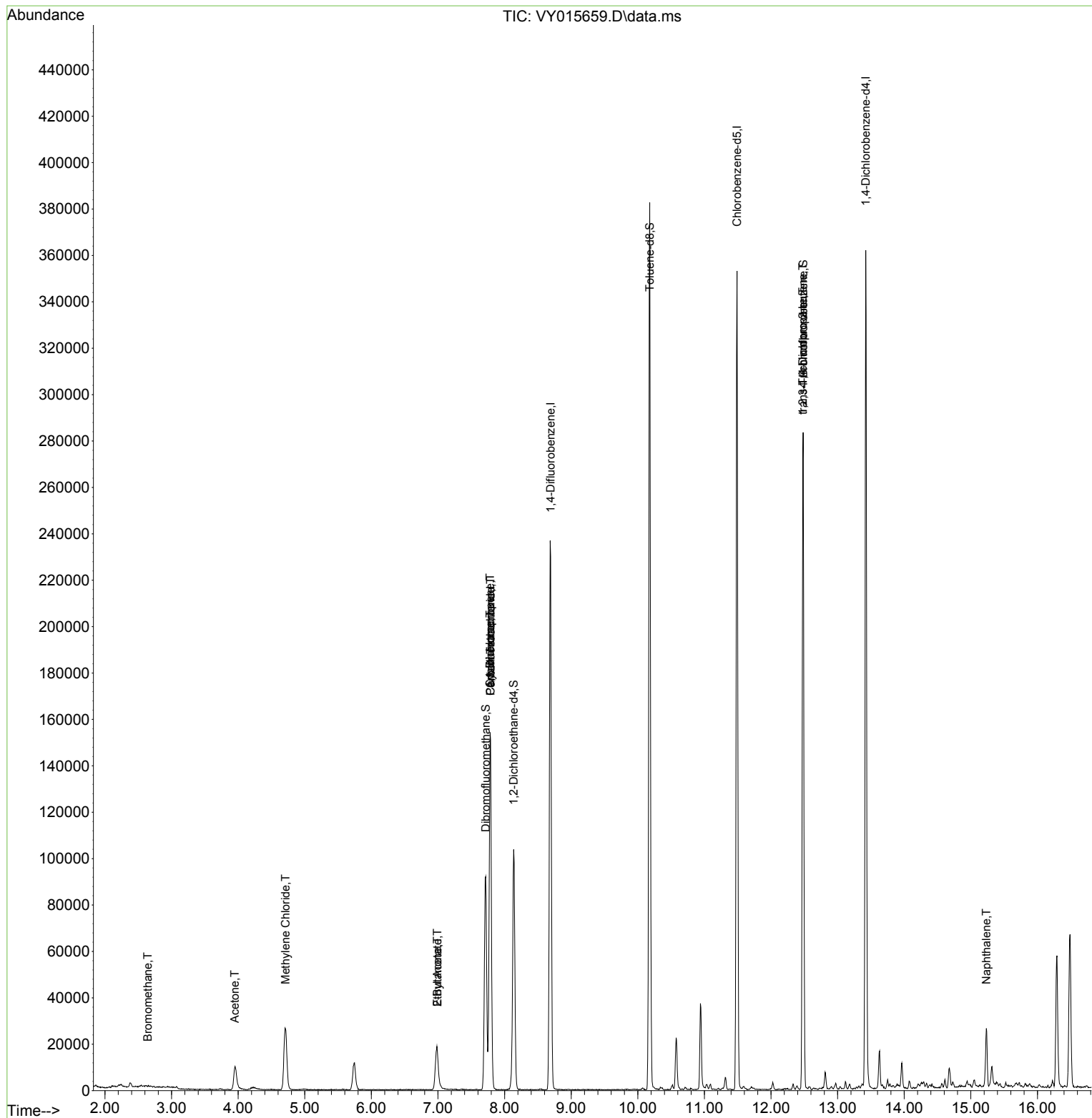
Internal Standards						
1) Pentafluorobenzene	7.789	168	119255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78664	59.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.900%	
35) Dibromofluoromethane	7.716	113	66824	54.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.179	98	243132	58.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.100%	
62) 4-Bromofluorobenzene	12.483	95	82828	50.392	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	55	2.603	ug/l #	2
11) Tert butyl alcohol	4.972	59	776	Below Cal	#	89
16) Acetone	3.948	43	20891	29.751	ug/l	98
20) Methylene Chloride	4.710	84	20796	9.614	ug/l	87
25) 2-Butanone	6.990	43	8090	8.151	ug/l	93
31) Cyclohexane	7.783	56	2486	1.368	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9855	5.396	ug/l #	49
37) Ethyl Acetate	6.990	43	8090	4.441	ug/l #	84
38) Carbon Tetrachloride	7.789	117	11720	5.912	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	43550	29.936	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43550	67.412	ug/l #	11
95) Naphthalene	15.233	128	21166	4.193	ug/l	98

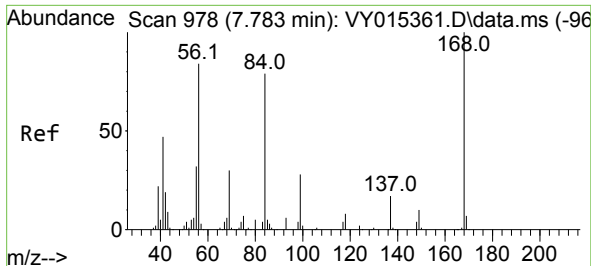
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
Data File : VY015659.D
Acq On : 20 Sep 2023 15:19
Operator : SY/MD
Sample : 04501-07
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 21 03:42:09 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

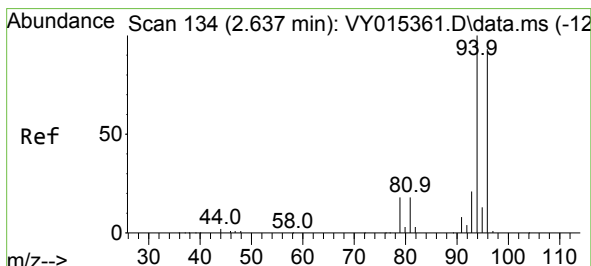
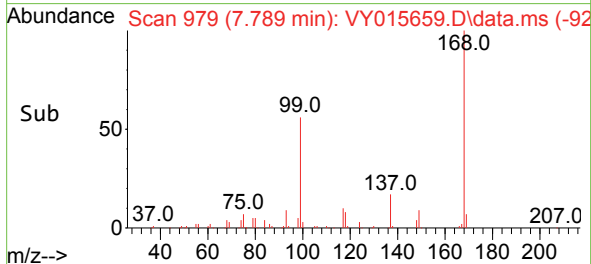
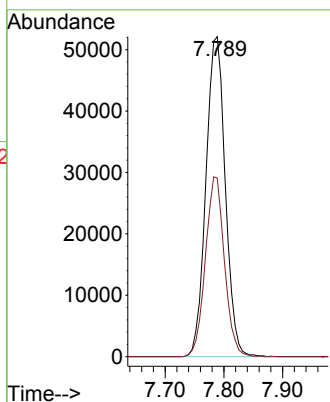
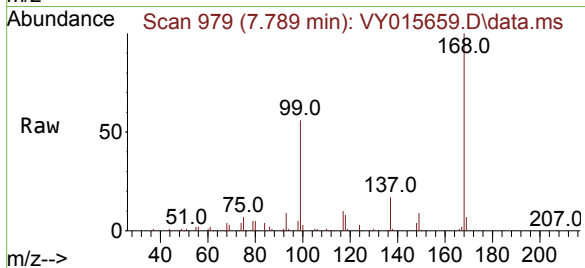




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

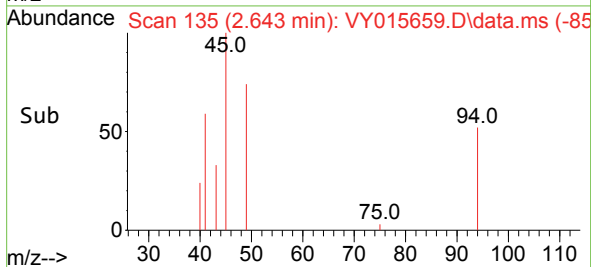
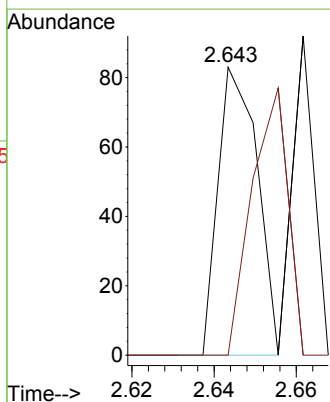
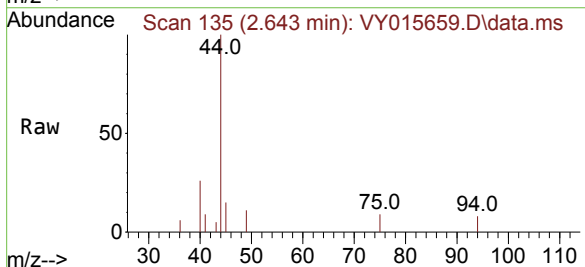
Instrument :
MSVOA_Y
ClientSampleId :

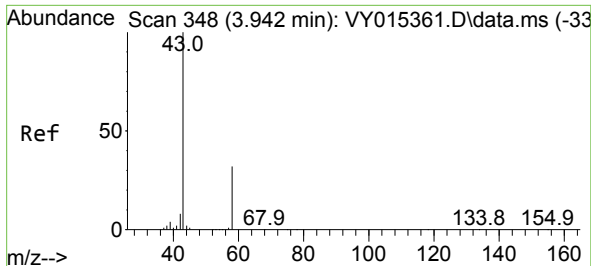
Tgt Ion:168 Resp: 119255
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#5
Bromomethane
Concen: 2.603 ug/l
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#

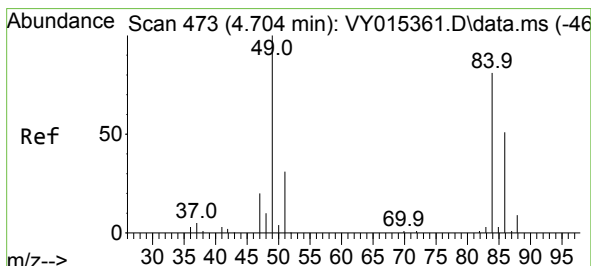
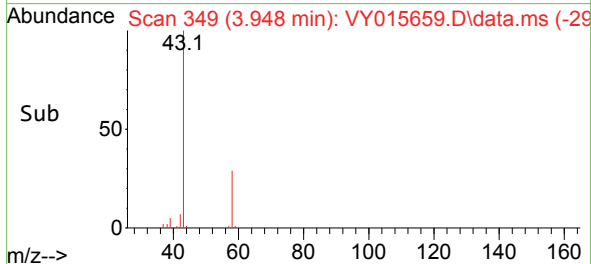
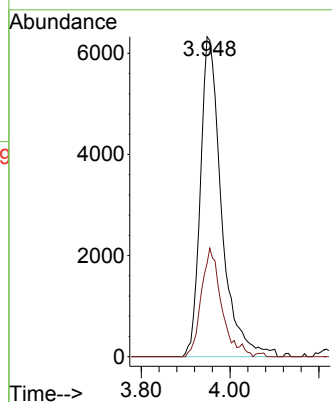
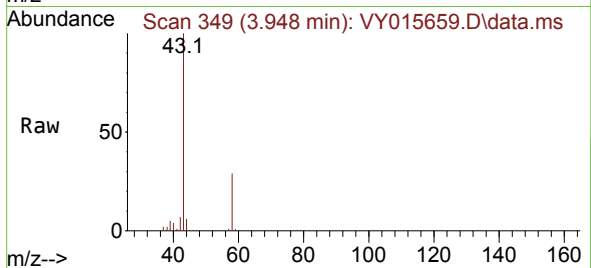




#16
Acetone
Concen: 29.751 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

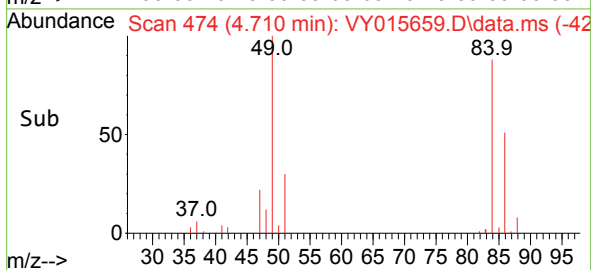
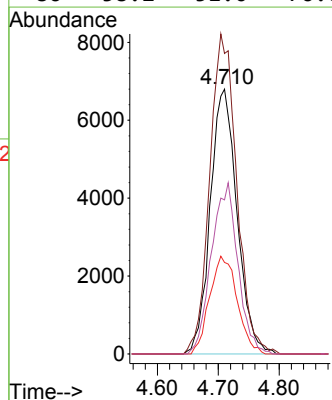
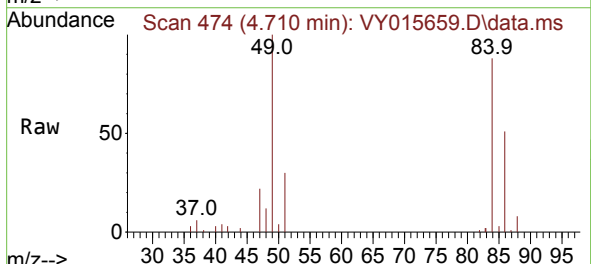
Instrument :
MSVOA_Y
ClientSampleId :

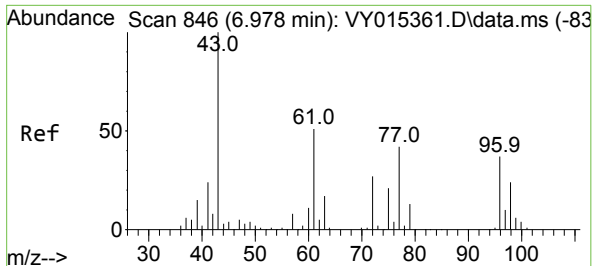
Tgt Ion: 43 Resp: 20891
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1



#20
Methylene Chloride
Concen: 9.614 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion: 84 Resp: 20796
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 34.6 33.2 49.8
86 58.2 51.0 76.6





#25

2-Butanone

Concen: 8.151 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

Instrument :

MSVOA_Y

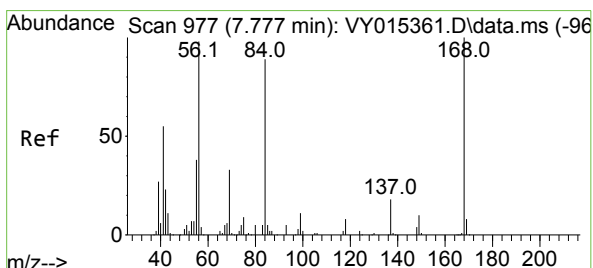
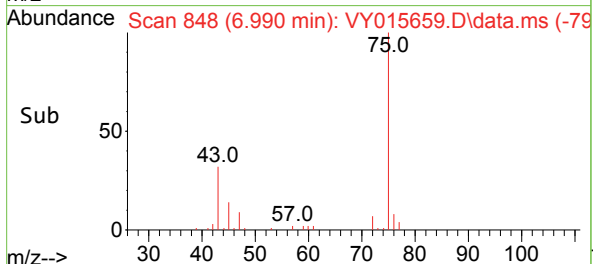
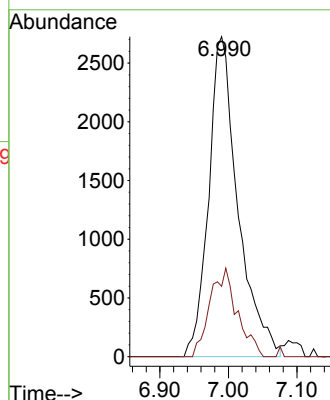
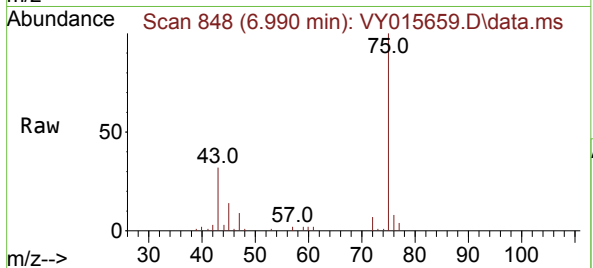
ClientSampleId :

Tgt Ion: 43 Resp: 8090

Ion Ratio Lower Upper

43 100

72 22.0 20.5 30.7



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

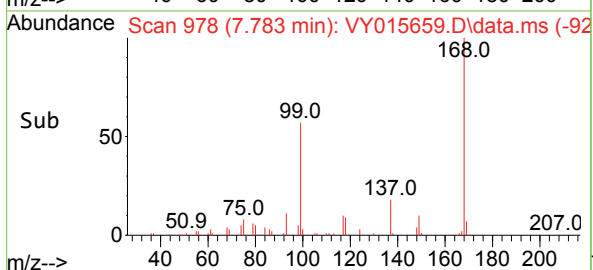
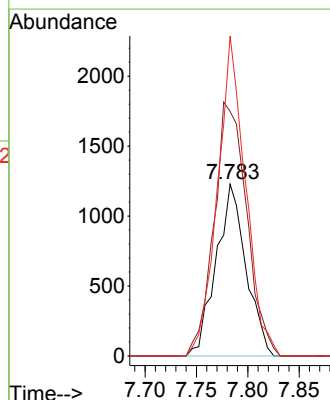
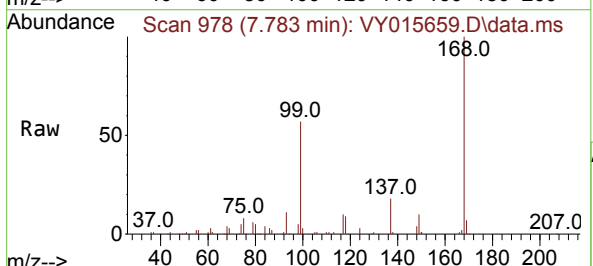
Tgt Ion: 56 Resp: 2486

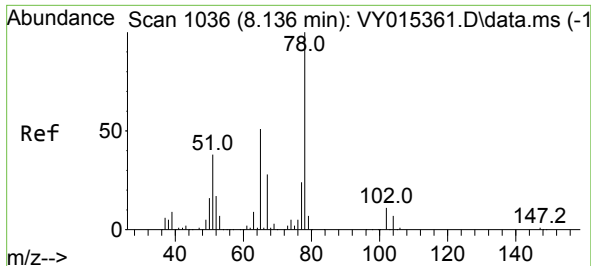
Ion Ratio Lower Upper

56 100

69 142.3 27.8 41.6#

84 186.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.951 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

Instrument :

MSVOA_Y

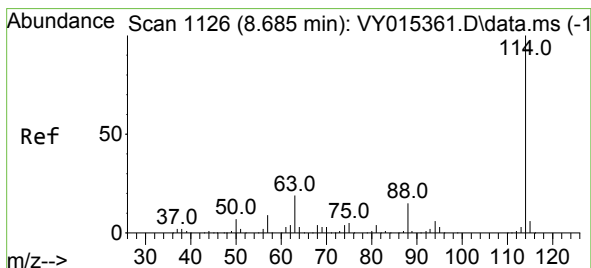
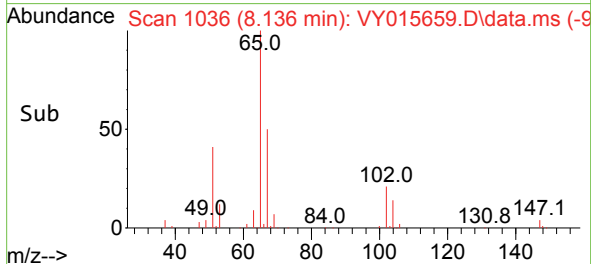
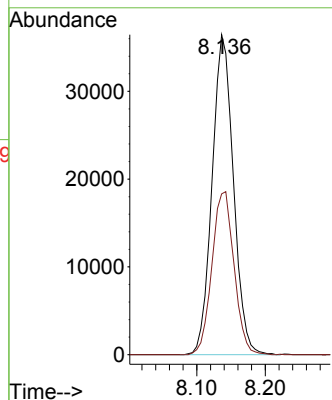
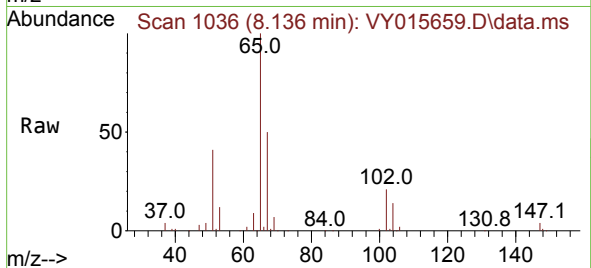
ClientSampleId :

Tgt Ion: 65 Resp: 78664

Ion Ratio Lower Upper

65 100

67 52.9 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: VY015659.D

Acq: 20 Sep 2023 15:19

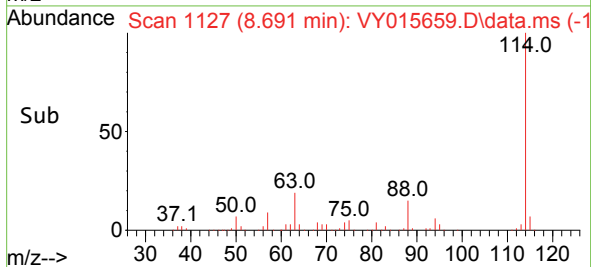
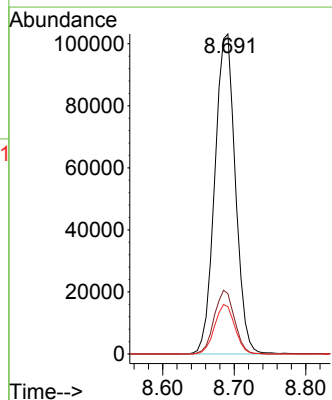
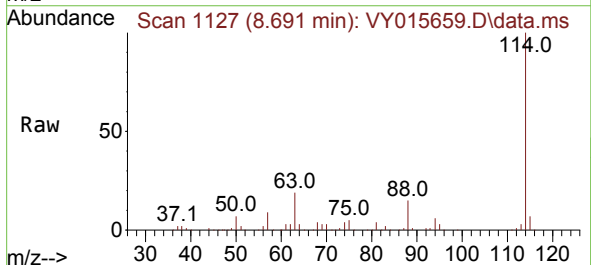
Tgt Ion: 114 Resp: 206384

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.8 0.0 30.6

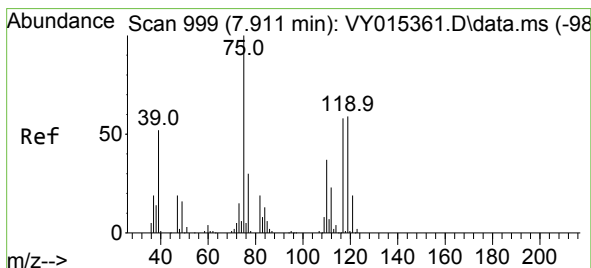
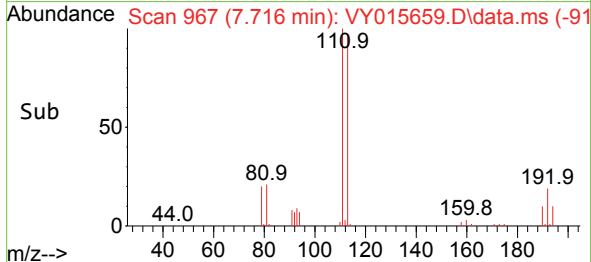
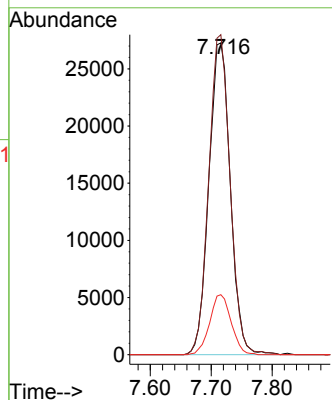
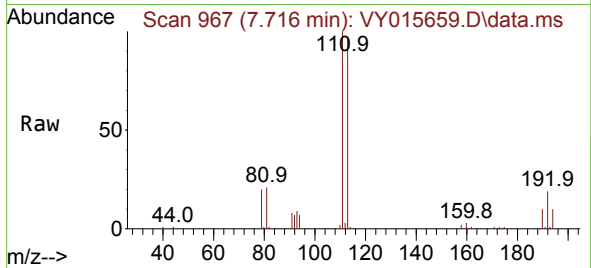




#35
Dibromofluoromethane
Concen: 54.096 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

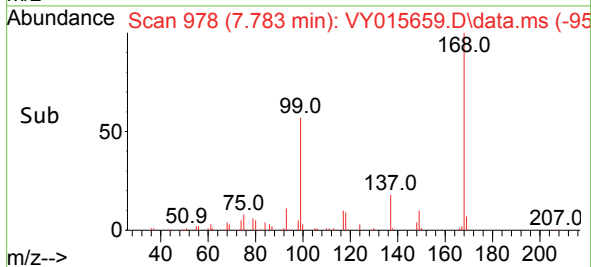
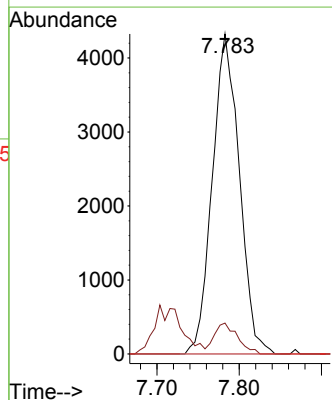
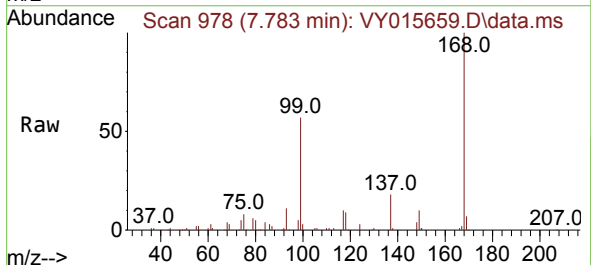
Instrument :
MSVOA_Y
ClientSampleId :

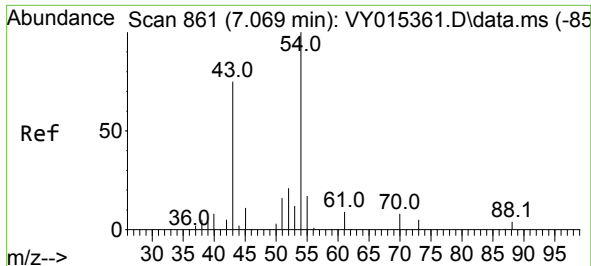
Tgt Ion:113 Resp: 66824
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.396 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion: 75 Resp: 9855
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 4.441 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.073 min

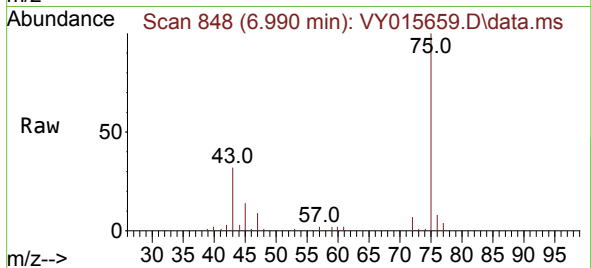
Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

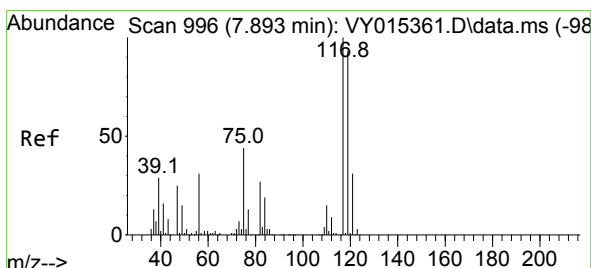
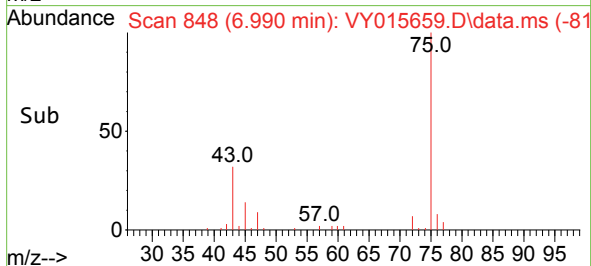
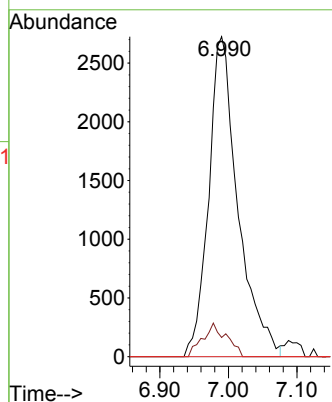
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 8090
Ion Ratio	Lower Upper
43	100
61	8.5 10.1 15.1#
70	0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.912 ug/l

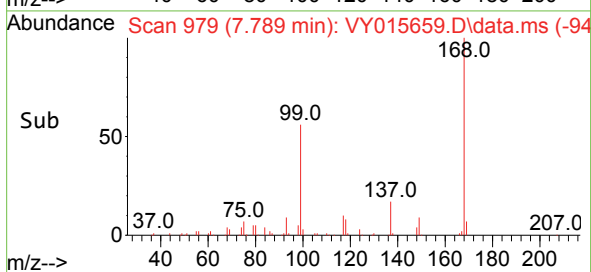
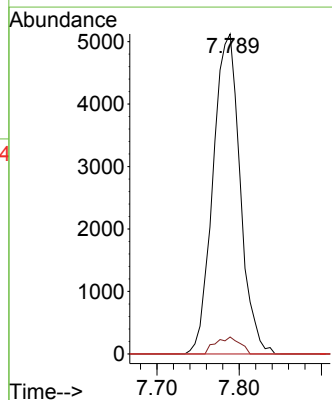
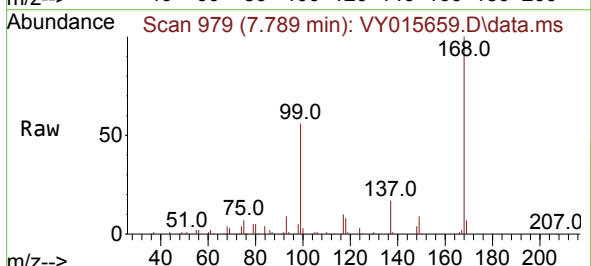
RT: 7.789 min Scan# 979

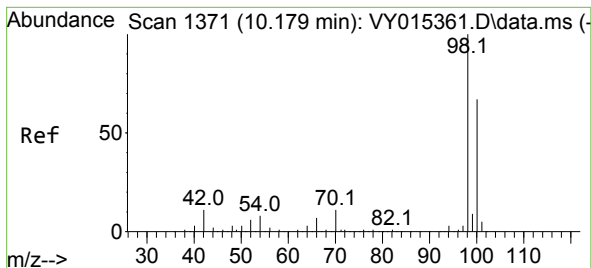
Delta R.T. -0.104 min

Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

Tgt Ion: 117	Resp: 11720
Ion Ratio	Lower Upper
117	100
119	5.3 76.4 114.6#
121	0.0 25.8 38.6#





#50

Toluene-d8

Concen: 58.049 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

Instrument :

MSVOA_Y

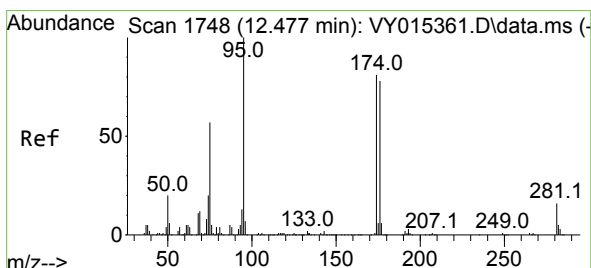
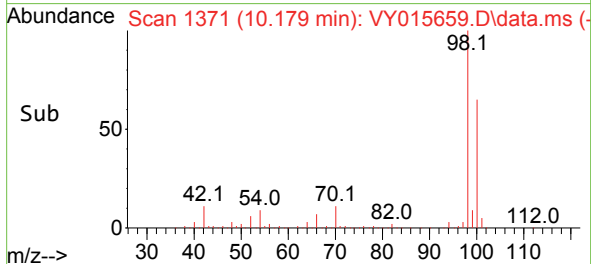
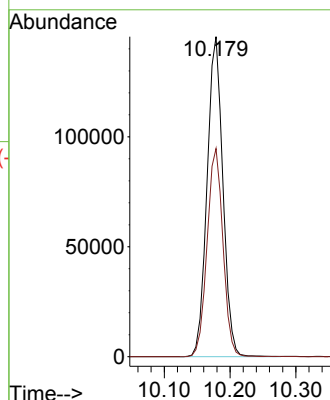
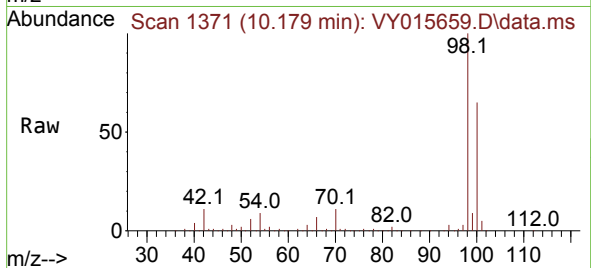
ClientSampleId :

Tgt Ion: 98 Resp: 243132

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.392 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

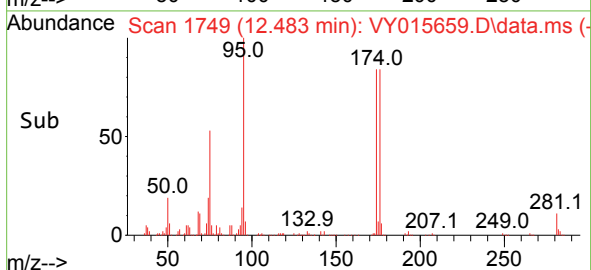
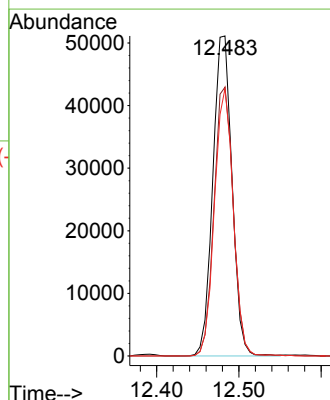
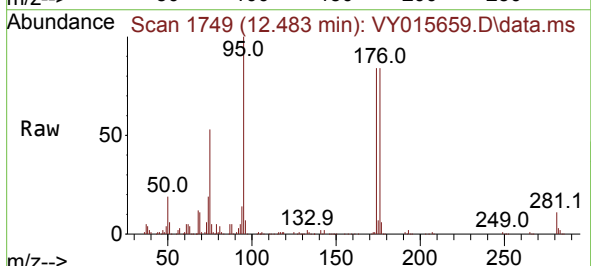
Tgt Ion: 95 Resp: 82828

Ion Ratio Lower Upper

95 100

174 84.1 0.0 178.2

176 82.0 0.0 173.8

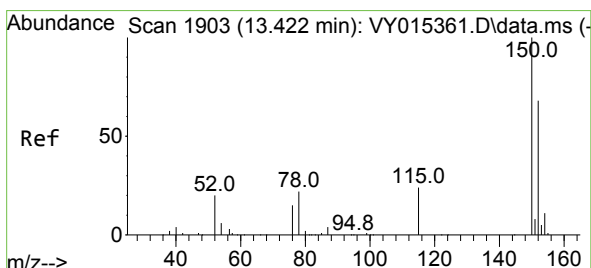
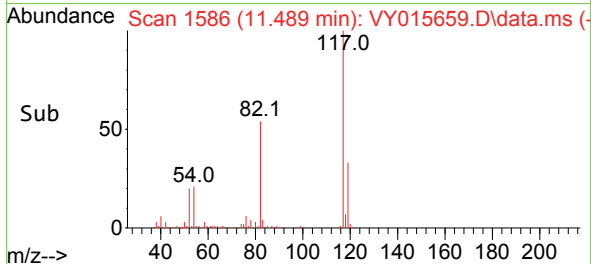
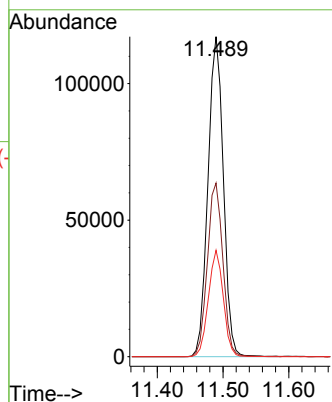
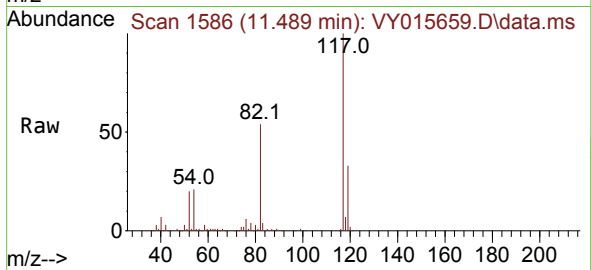




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

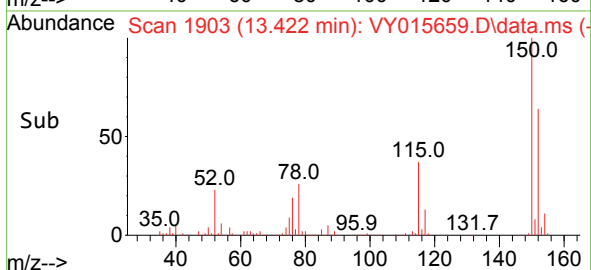
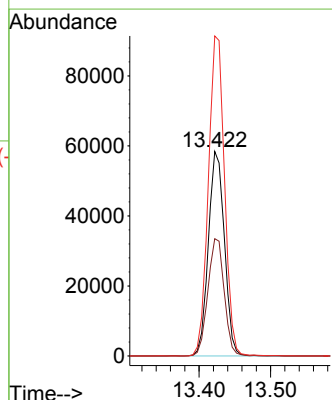
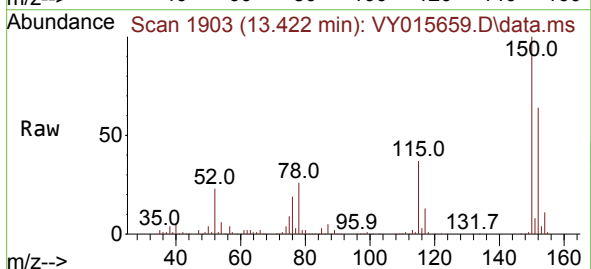
Instrument :
MSVOA_Y
ClientSampleId :

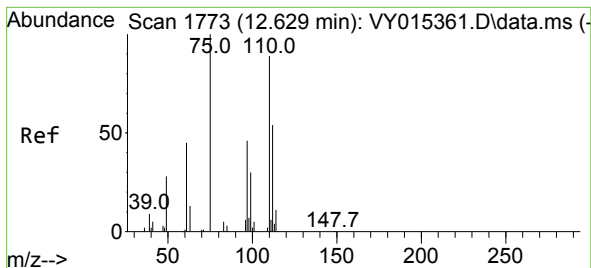
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.0
119	33.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	157.6	0.0	348.8

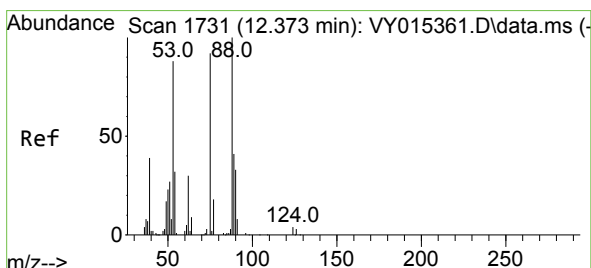
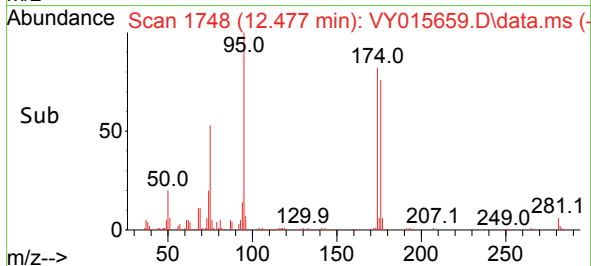
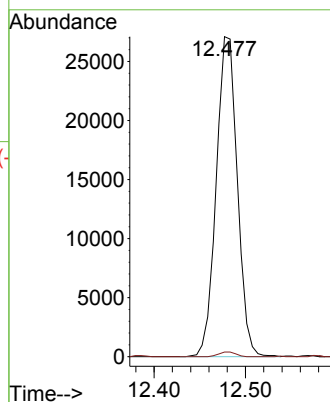
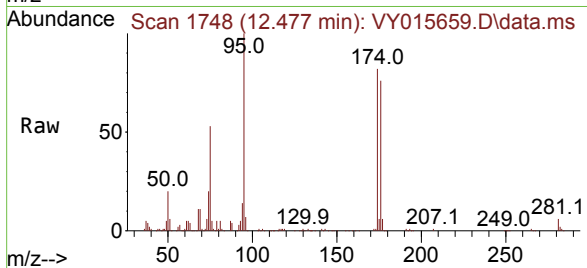




#76
1,2,3-Trichloropropane
Concen: 29.936 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

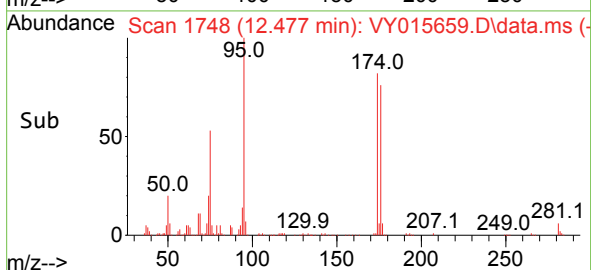
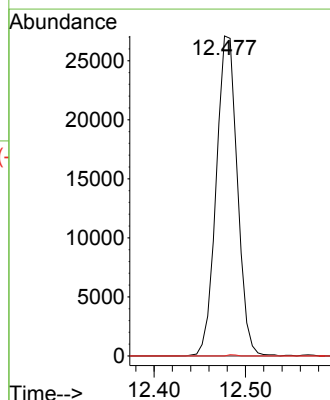
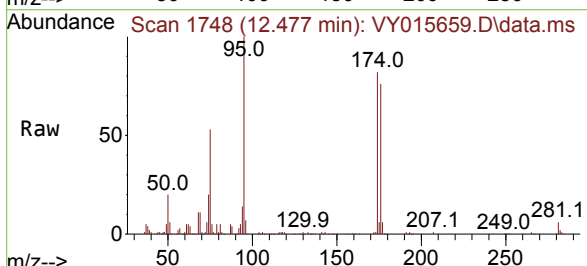
Instrument :
MSVOA_Y
ClientSampleId :

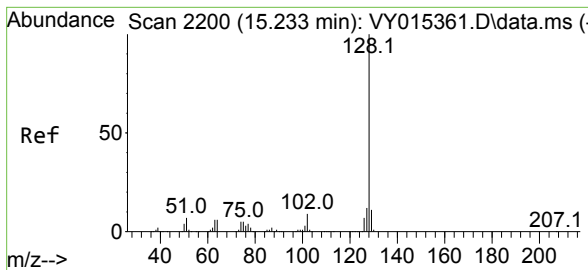
Tgt Ion: 75 Resp: 43550
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.412 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

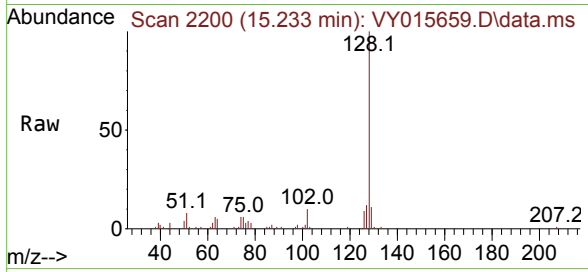
Tgt Ion: 75 Resp: 43550
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#





#95
Naphthalene
Concen: 4.193 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.8	16.2
129	11.2	8.6	13.0

