

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015782.D
 Acq On : 02 Oct 2023 17:27
 Operator : SY/MD
 Sample : 04627-27
 Misc : 1.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:24:20 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)

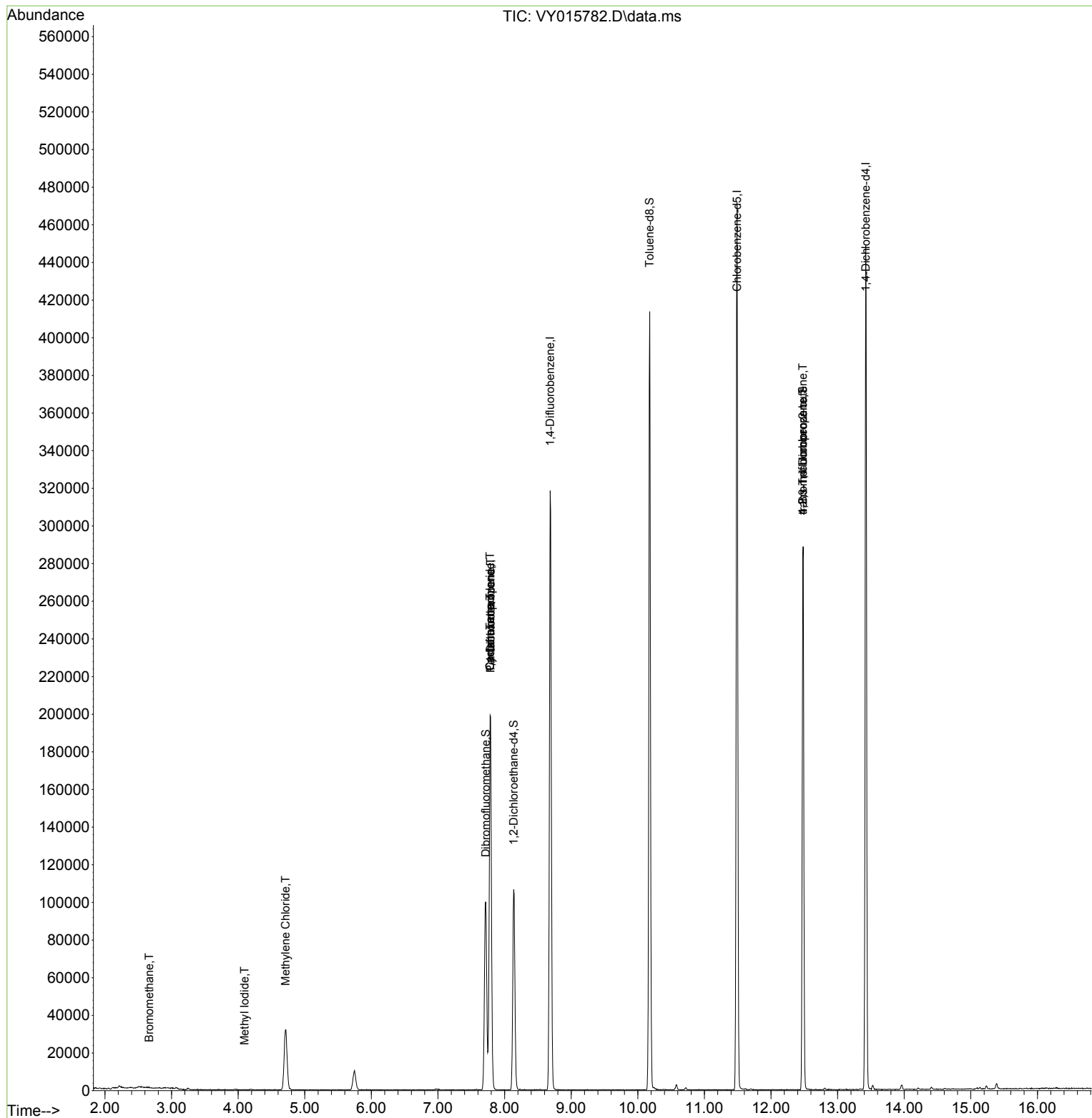
Internal Standards						
1) Pentafluorobenzene	7.789	168	153950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82120	48.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.716	113	73960	44.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.020%
50) Toluene-d8	10.179	98	267966	47.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.477	95	89838	40.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	136	2.646	ug/l #	70
10) Methyl Iodide	4.094	142	19	2.739	ug/l #	38
11) Tert butyl alcohol	4.942	59	51	Below Cal	#	89
20) Methylene Chloride	4.710	84	25019	8.595	ug/l	91
31) Cyclohexane	7.783	56	3215	1.370	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11781	4.795	ug/l #	51
38) Carbon Tetrachloride	7.783	117	15259	5.722	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	47990	25.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47990	58.469	ug/l #	10

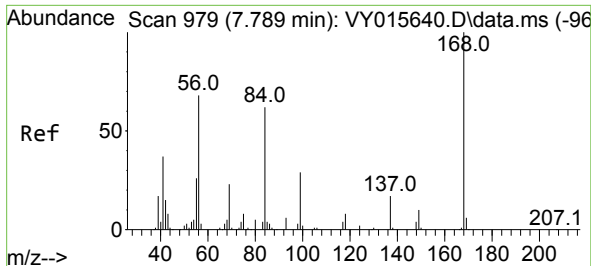
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015782.D
Acq On : 02 Oct 2023 17:27
Operator : SY/MD
Sample : 04627-27
Misc : 1.58g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 03 01:24:20 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

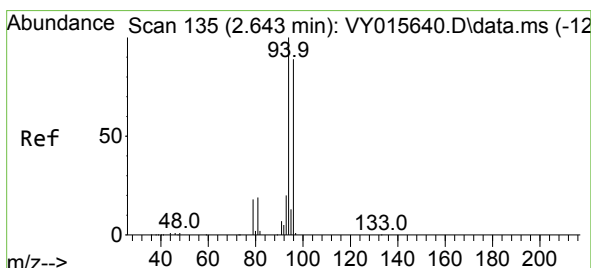
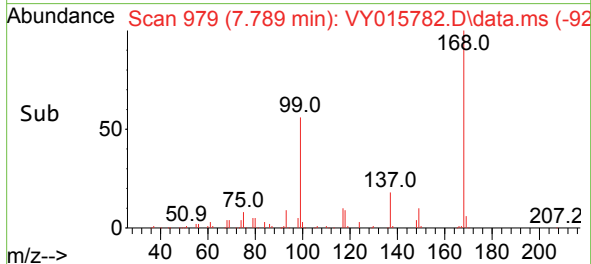
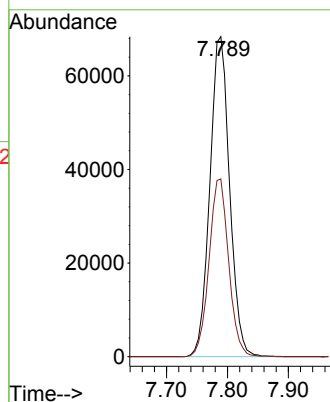
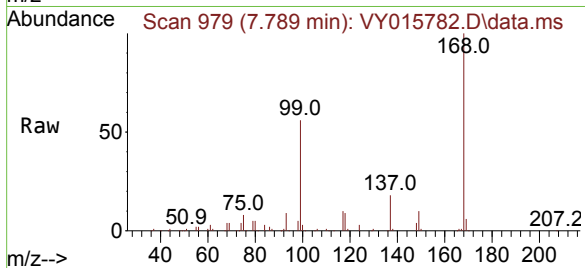




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

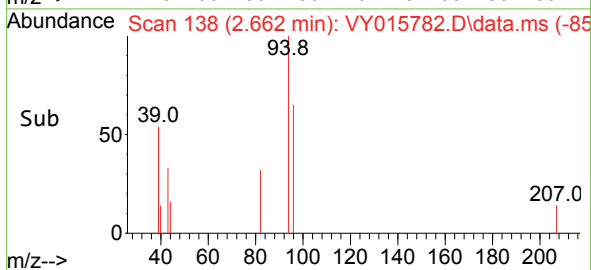
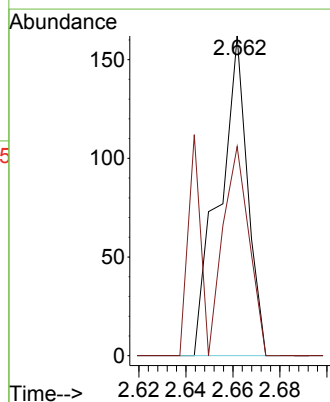
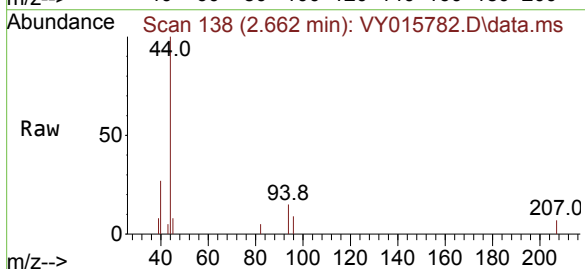
Instrument :
MSVOA_Y
ClientSampleId :

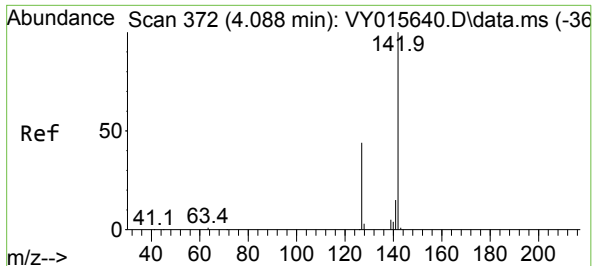
Tgt Ion:168 Resp: 153950
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#5
Bromomethane
Concen: 2.646 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 65.4 75.8 113.6#





#10

Methyl Iodide

Concen: 2.739 ug/l

RT: 4.094 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY015782.D

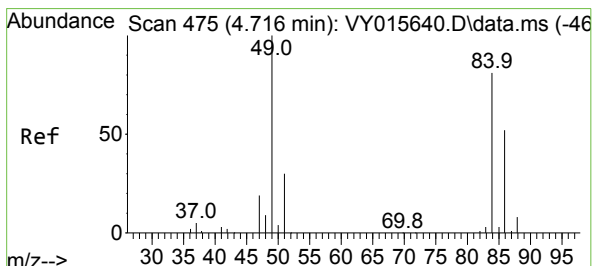
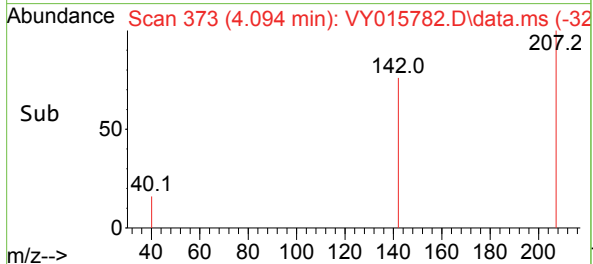
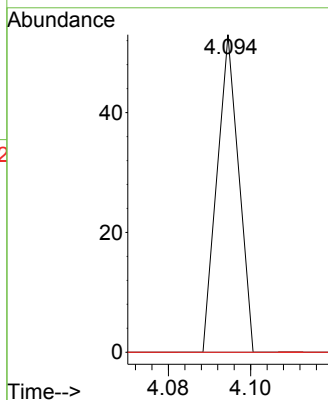
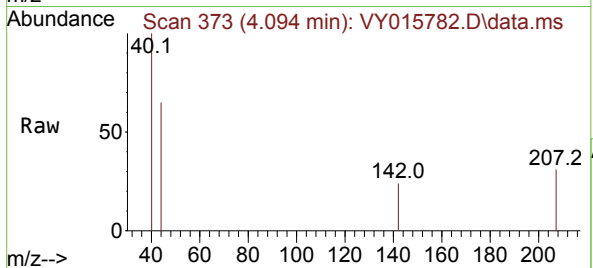
Acq: 02 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:142	Resp:	19
Ion	Ratio	Lower Upper
142	100	
127	0.0	37.6 56.4#
141	0.0	11.8 17.8#



#20

Methylene Chloride

Concen: 8.595 ug/l

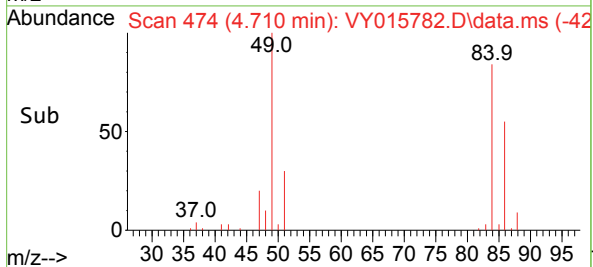
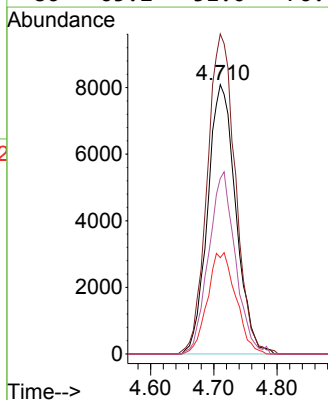
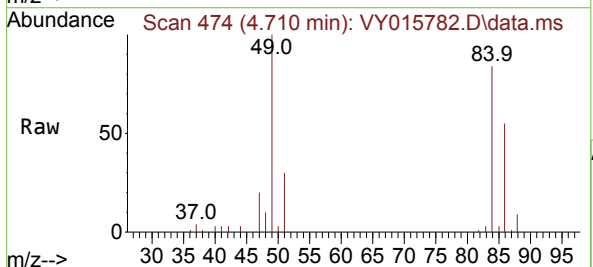
RT: 4.710 min Scan# 474

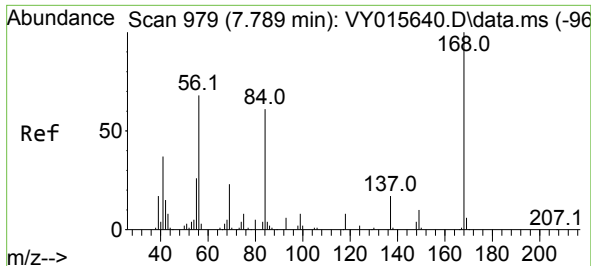
Delta R.T. 0.006 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

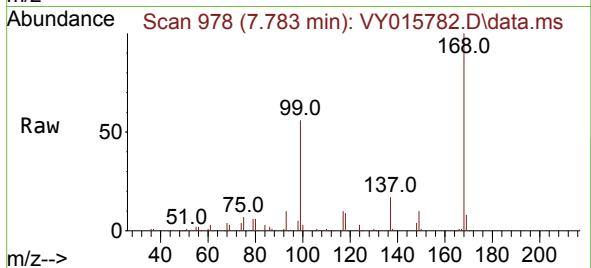
Tgt Ion: 84	Resp:	25019
Ion	Ratio	Lower Upper
84	100	
49	118.8	106.9 160.3
51	35.8	33.2 49.8
86	65.2	51.0 76.6



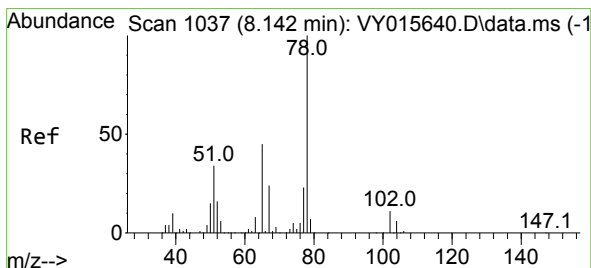
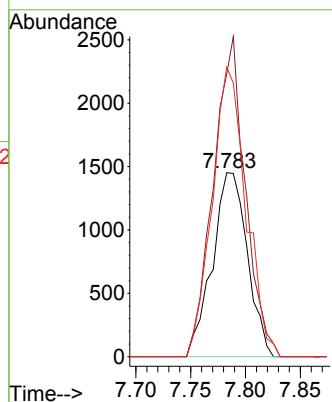
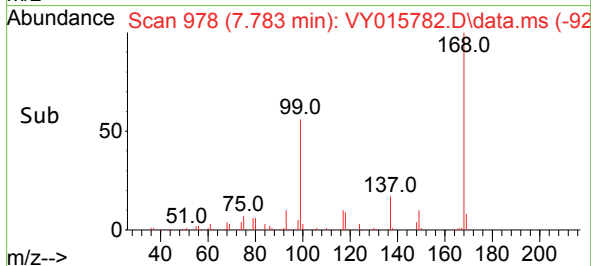


#31
Cyclohexane
Concen: 1.370 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :

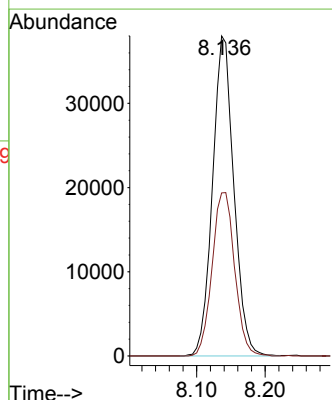
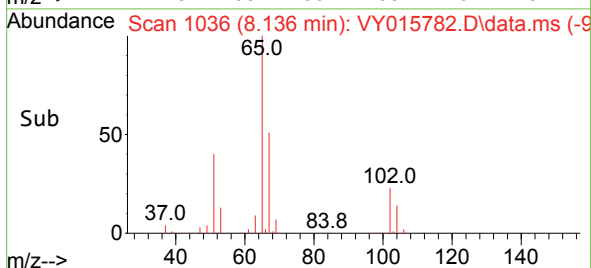
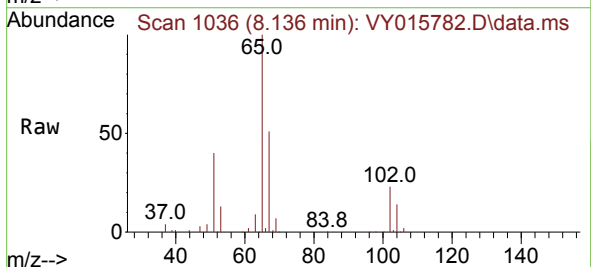


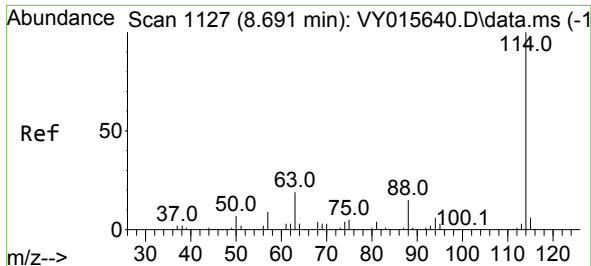
Tgt Ion: 56 Resp: 3215
Ion Ratio Lower Upper
56 100
69 153.8 27.8 41.6#
84 157.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.480 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

Tgt Ion: 65 Resp: 82120
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

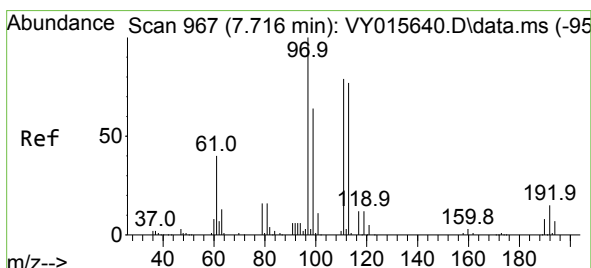
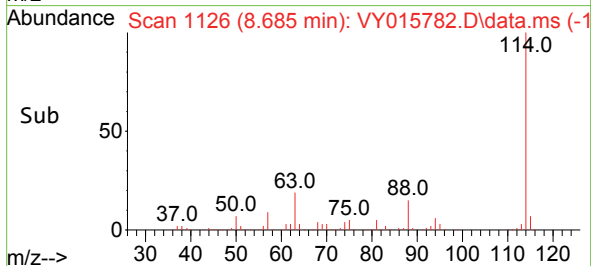
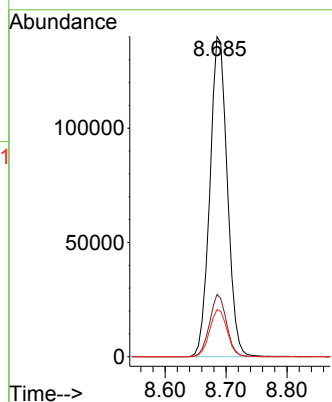
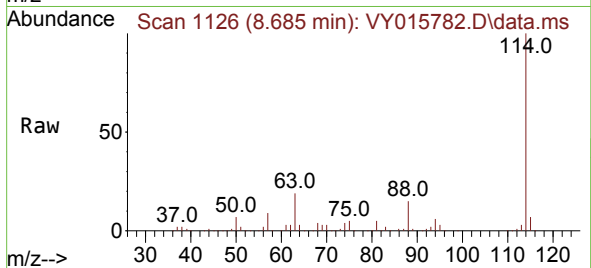
Tgt Ion:114 Resp: 277616

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.511 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

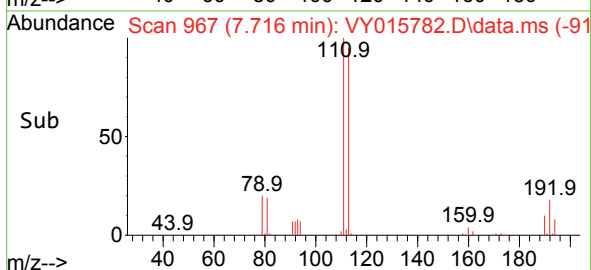
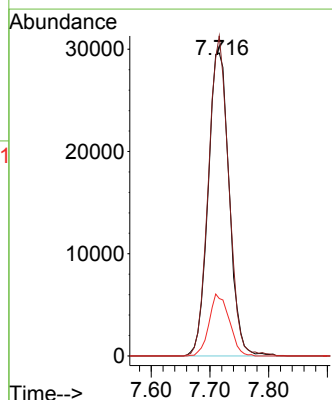
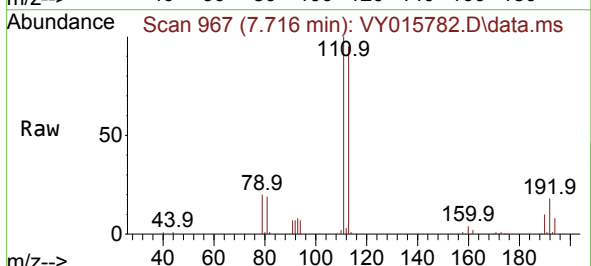
Tgt Ion:113 Resp: 73960

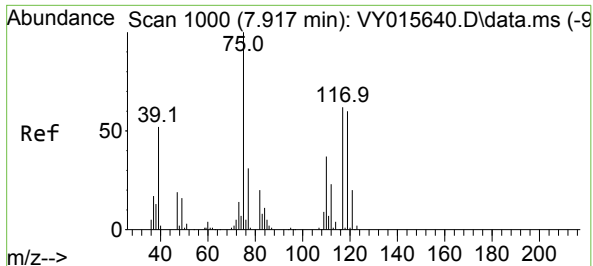
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

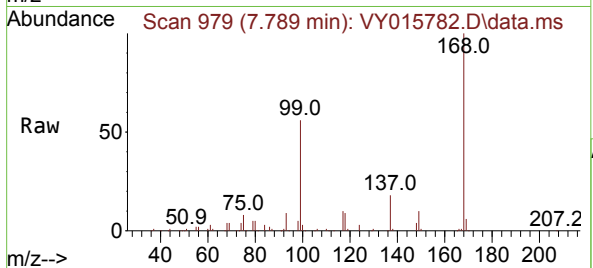
192 19.5 16.9 25.3



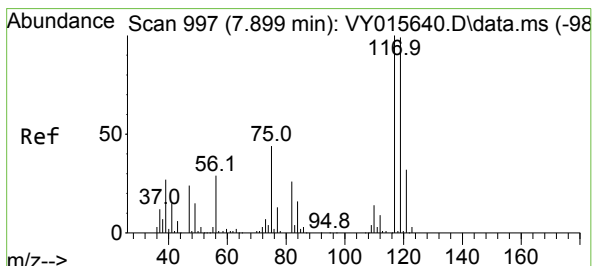
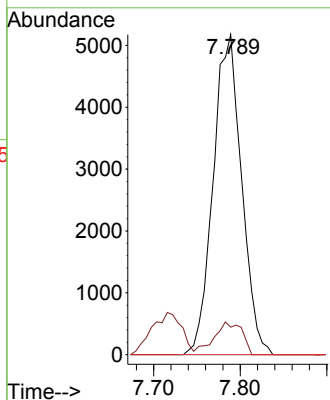
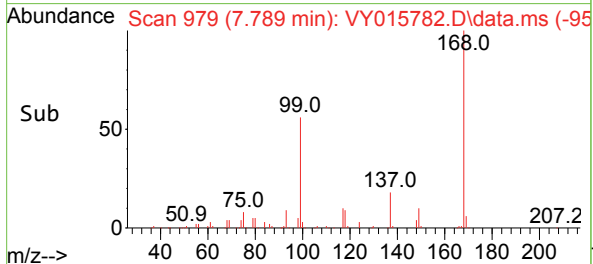


#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

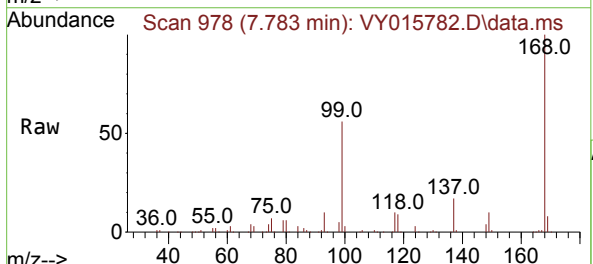
Instrument :
MSVOA_Y
ClientSampleId :



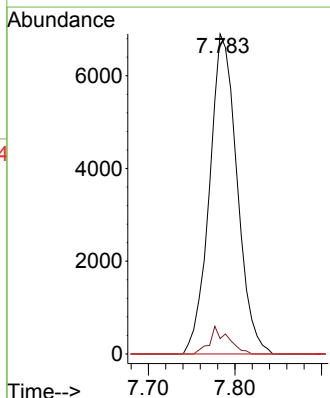
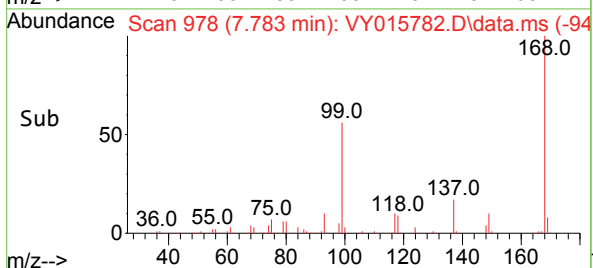
Tgt Ion: 75 Resp: 11781
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#

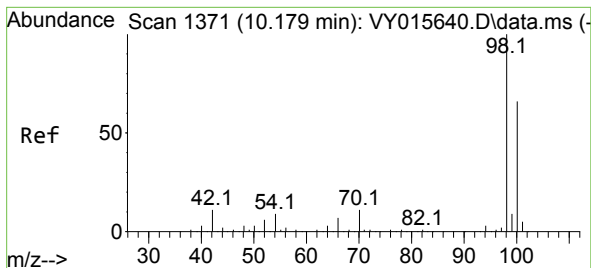


#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27



Tgt Ion: 117 Resp: 15259
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#

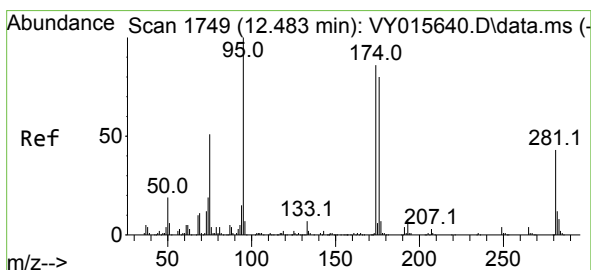
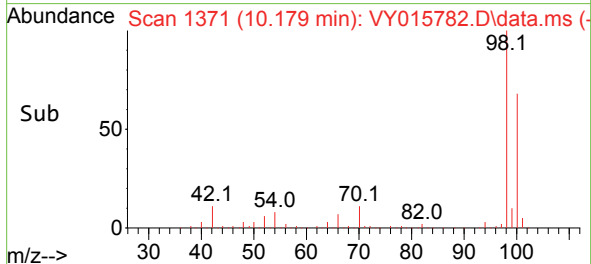
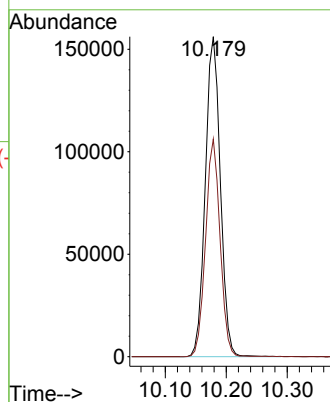
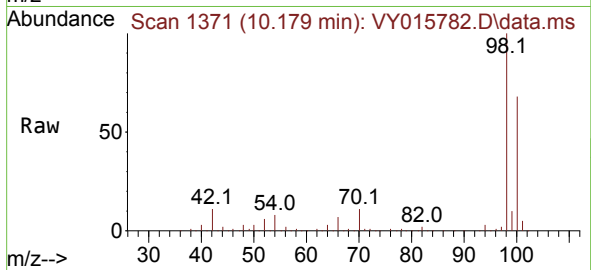




#50
Toluene-d8
Concen: 47.563 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

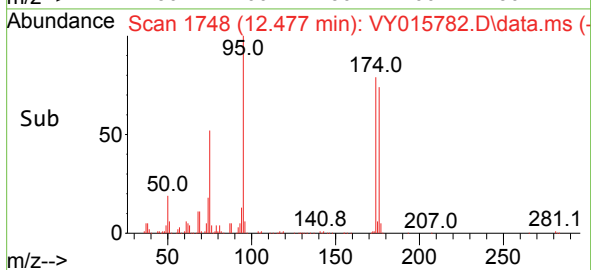
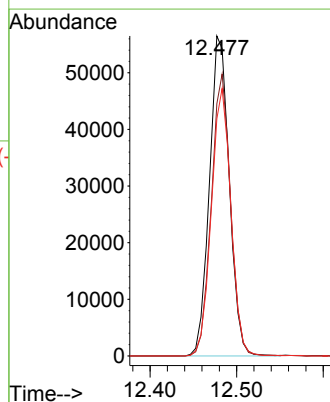
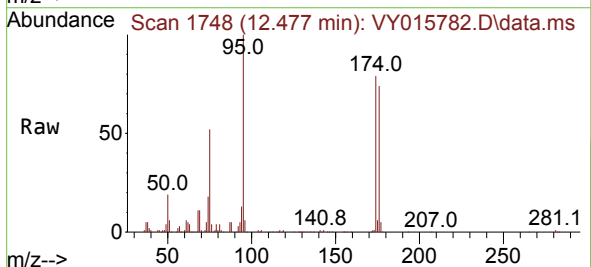
Instrument :
MSVOA_Y
ClientSampleId :

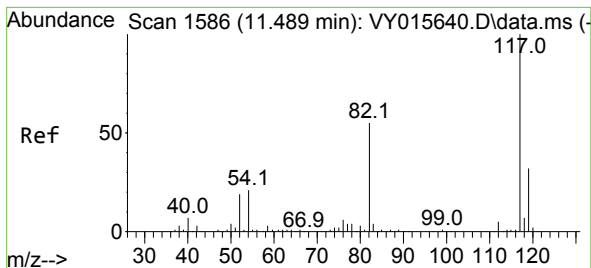
Tgt Ion: 98 Resp: 267966
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

Tgt Ion: 95 Resp: 89838
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.6 0.0 173.8

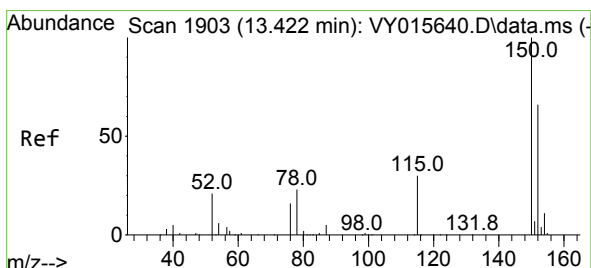
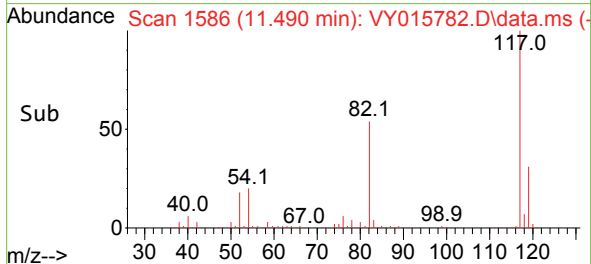
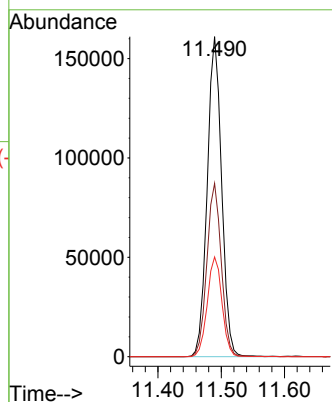
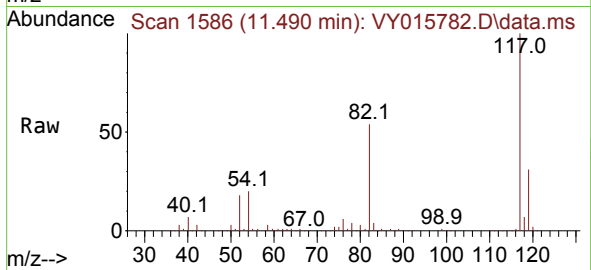




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

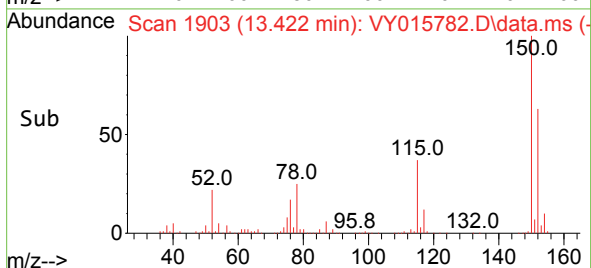
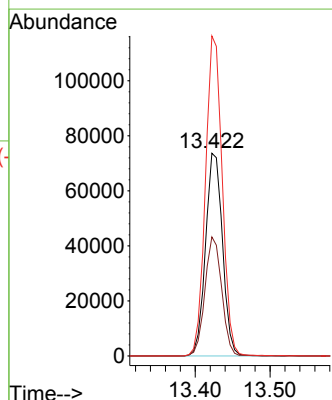
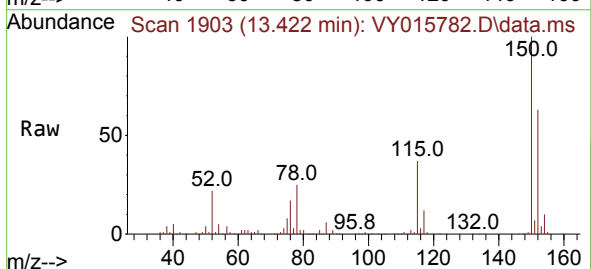
Instrument :
MSVOA_Y
ClientSampleId :

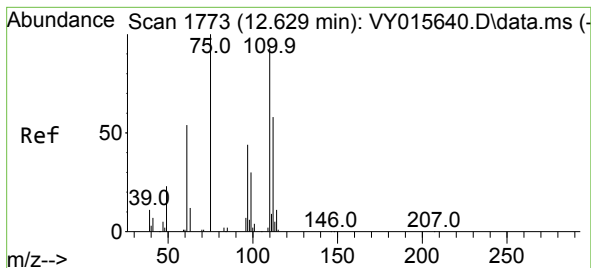
Tgt Ion:117 Resp: 254995
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

Tgt Ion:152 Resp: 115858
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 155.9 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 25.964 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

Instrument :

MSVOA_Y

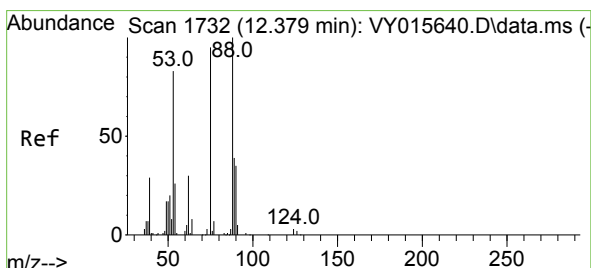
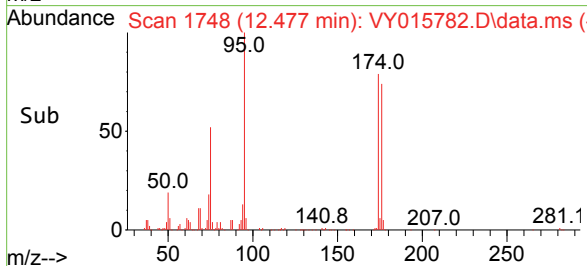
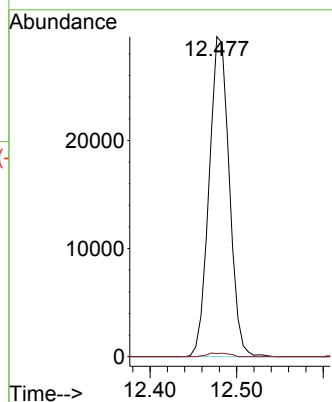
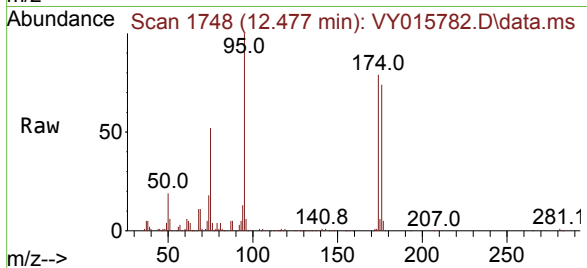
ClientSampleId :

Tgt Ion: 75 Resp: 47990

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.469 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

Tgt Ion: 75 Resp: 47990

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

