

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015656.D
 Acq On : 20 Sep 2023 14:08
 Operator : SY/MD
 Sample : 04436-17RE
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 03:40:57 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)

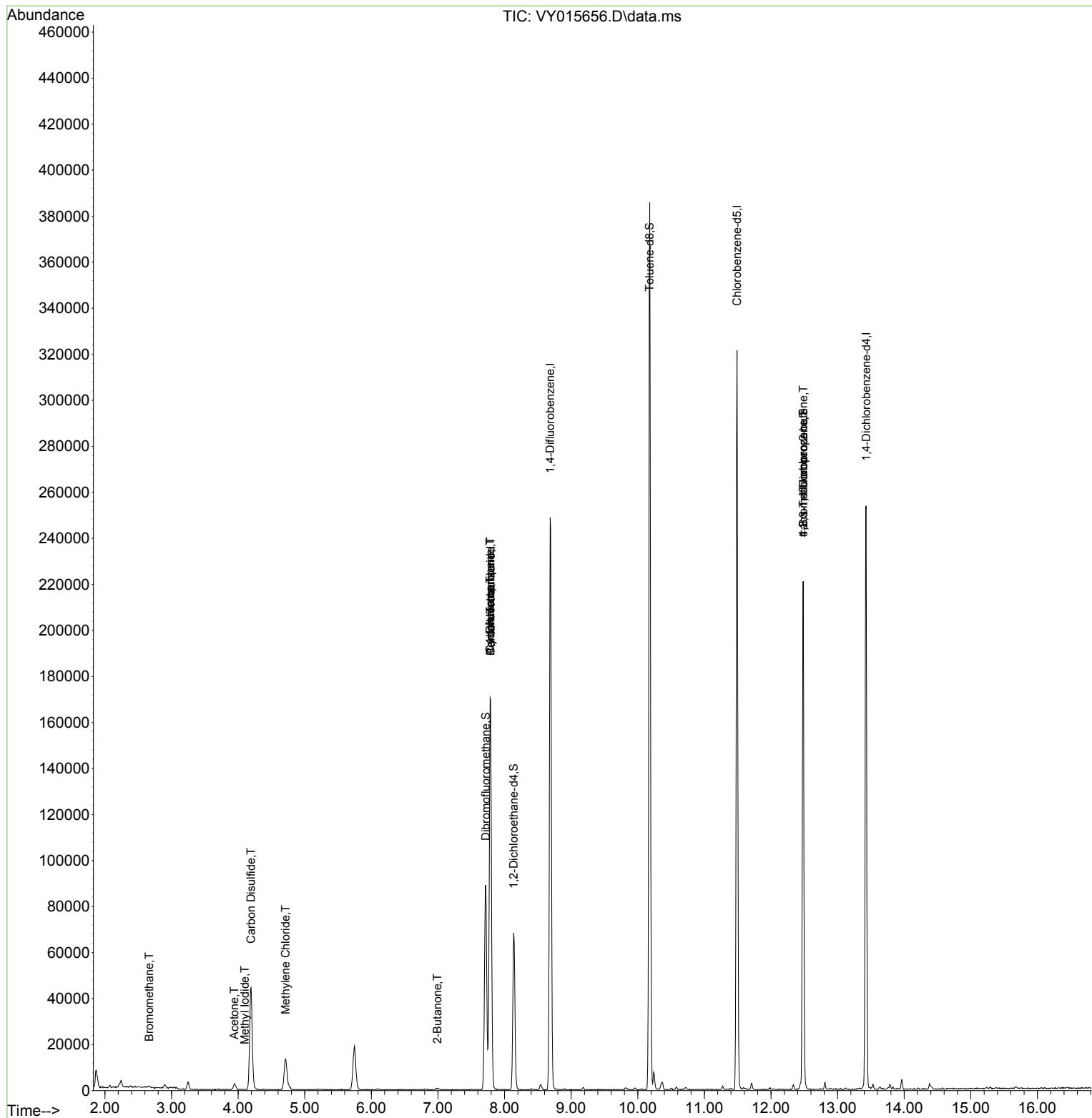
Internal Standards						
1) Pentafluorobenzene	7.789	168	133570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52786	35.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.840%
35) Dibromofluoromethane	7.716	113	62733	48.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.179	98	248809	57.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.040%
62) 4-Bromofluorobenzene	12.483	95	64531	37.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	257	2.750	ug/l #	75
10) Methyl Iodide	4.101	142	276	2.895	ug/l #	56
16) Acetone	3.942	43	4455	5.664	ug/l #	88
17) Carbon Disulfide	4.192	76	91500	40.082	ug/l	100
20) Methylene Chloride	4.710	84	9944	1.033	ug/l	88
25) 2-Butanone	6.990	43	1361	1.224	ug/l #	83
31) Cyclohexane	7.783	56	3080	1.513	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10340	5.434	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13250	6.415	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	34387	33.768	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34387	76.043	ug/l #	11

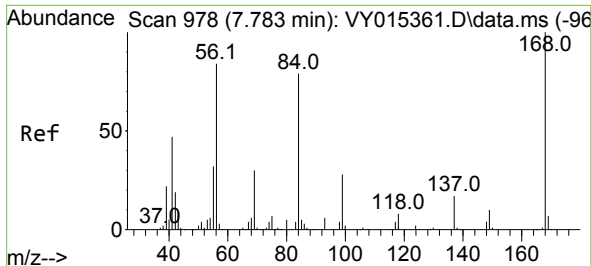
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
Data File : VY015656.D
Acq On : 20 Sep 2023 14:08
Operator : SY/MD
Sample : 04436-17RE
Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

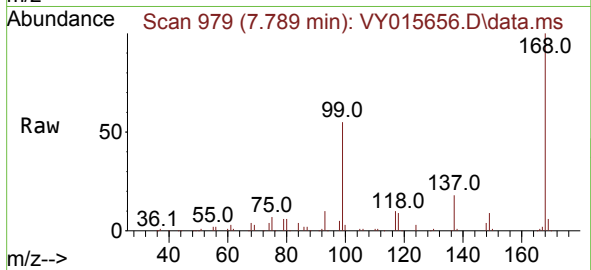
Quant Time: Sep 21 03:40:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



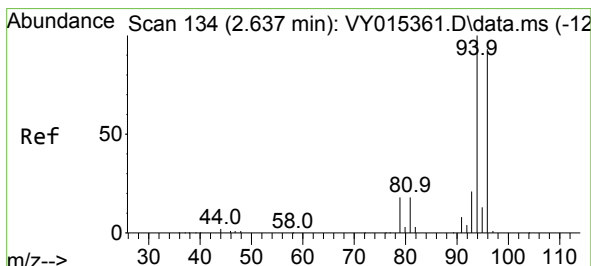
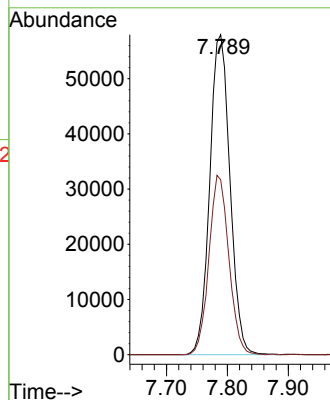
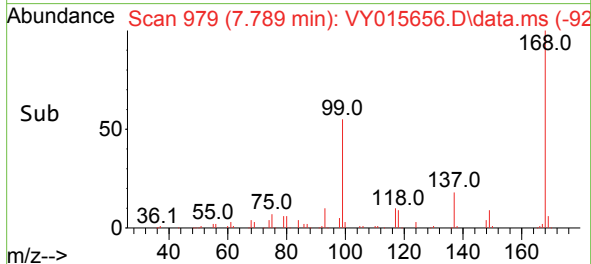


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :

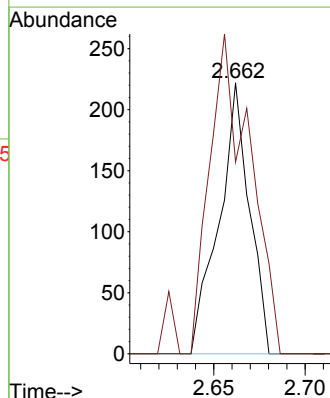
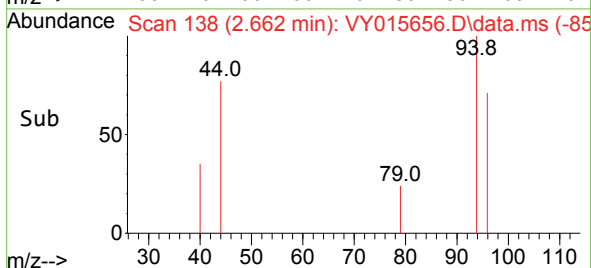
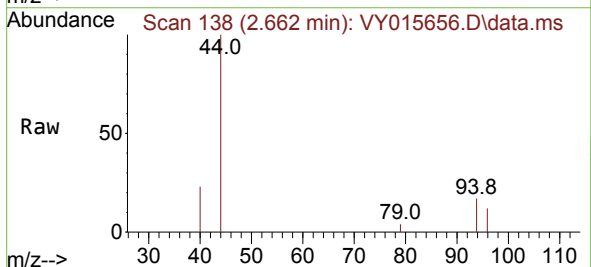


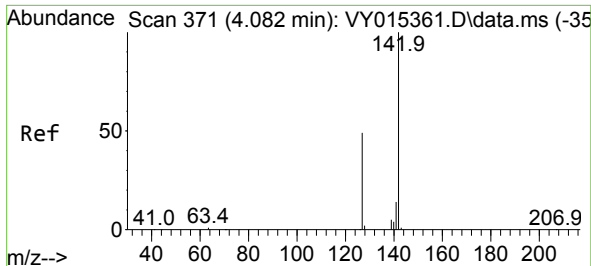
Tgt Ion:168 Resp: 133570
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#5
Bromomethane
Concen: 2.750 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

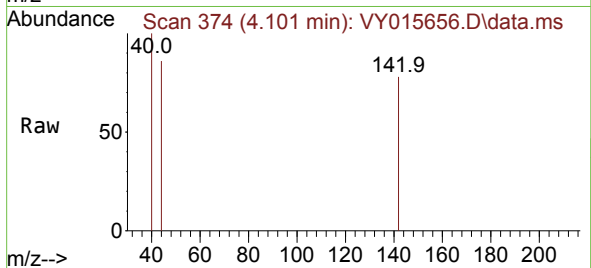
Tgt Ion: 94 Resp: 257
Ion Ratio Lower Upper
94 100
96 70.7 75.8 113.6#



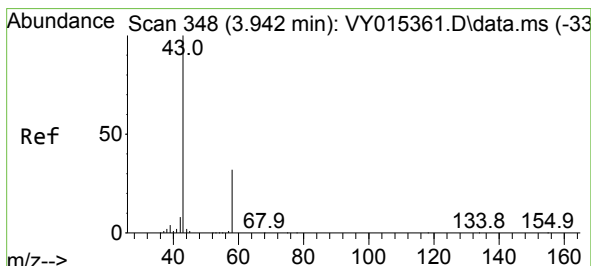
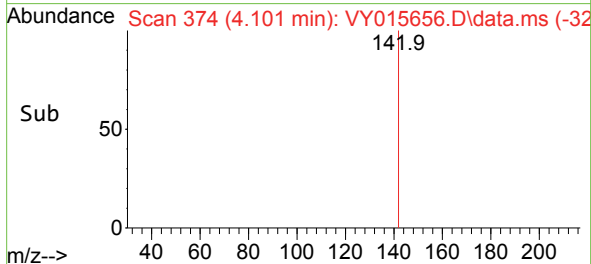
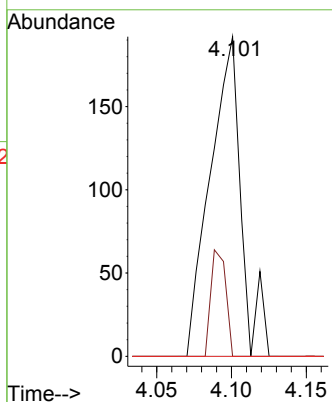


#10
Methyl Iodide
Concen: 2.895 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :

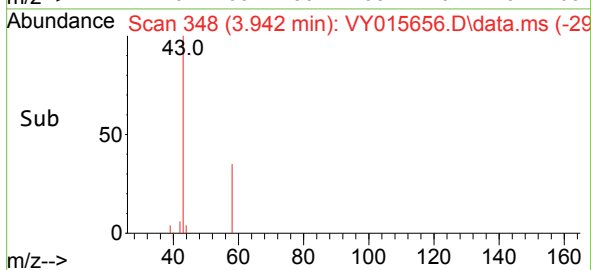
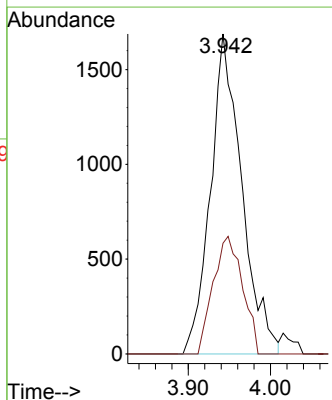
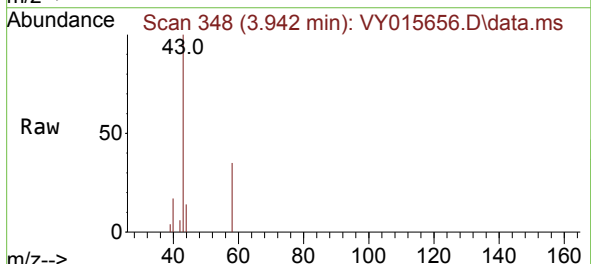


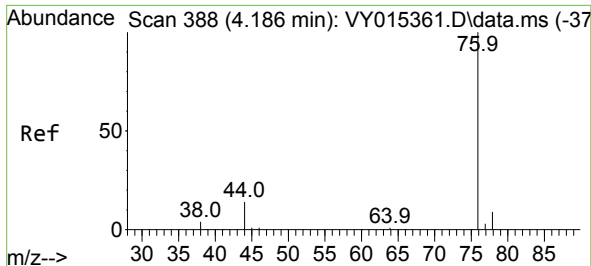
Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
127 15.9 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 5.664 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Tgt Ion: 43 Resp: 4455
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#





#17

Carbon Disulfide

Concen: 40.082 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

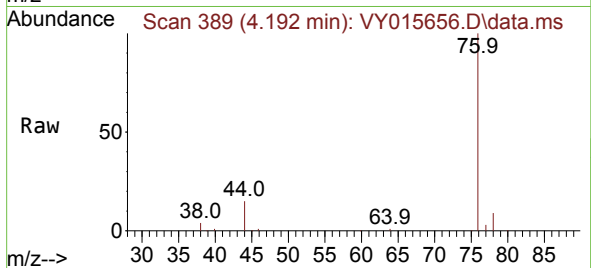
Lab File: VY015656.D

Acq: 20 Sep 2023 14:08

Instrument :

MSVOA_Y

ClientSampleId :

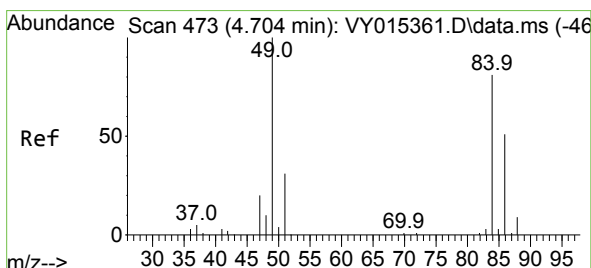
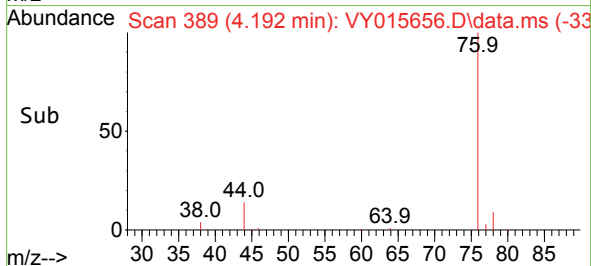
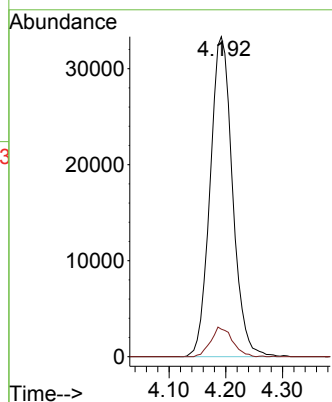


Tgt Ion: 76 Resp: 91500

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4



#20

Methylene Chloride

Concen: 1.033 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015656.D

Acq: 20 Sep 2023 14:08

Tgt Ion: 84 Resp: 9944

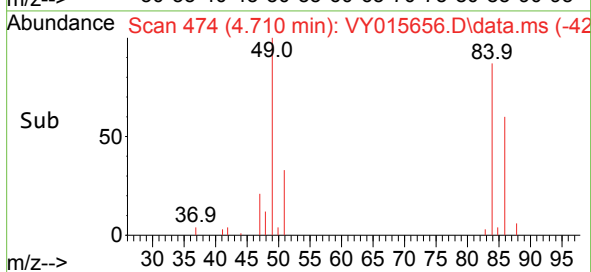
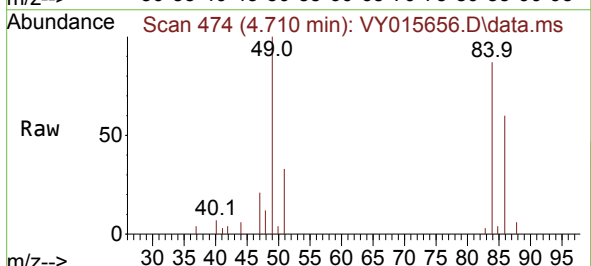
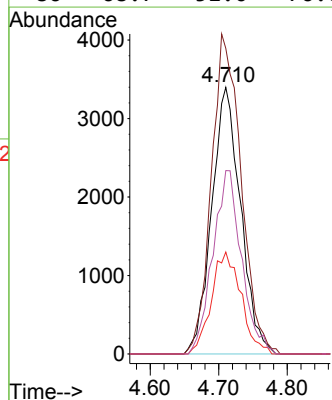
Ion Ratio Lower Upper

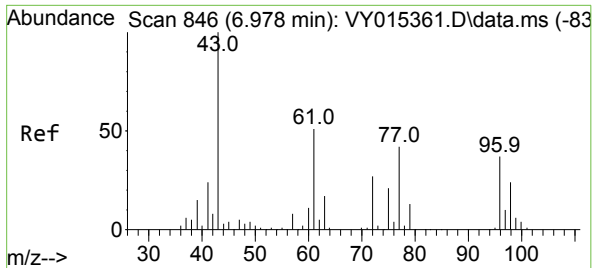
84 100

49 114.6 106.9 160.3

51 38.3 33.2 49.8

86 68.7 51.0 76.6

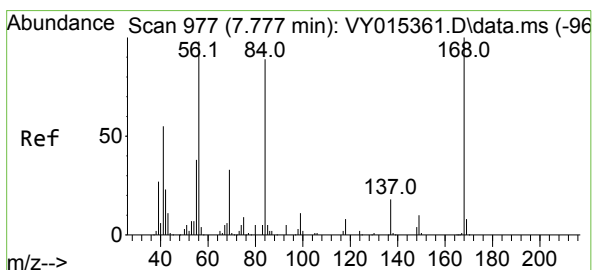
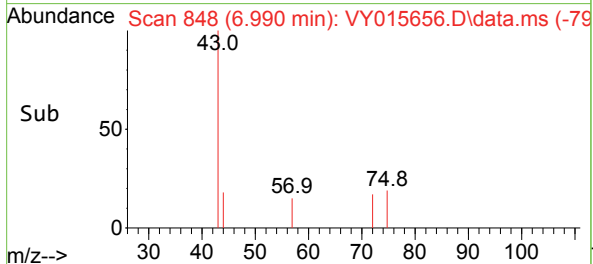
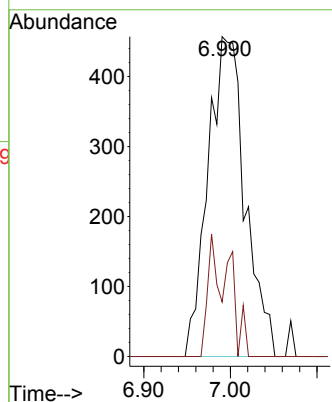
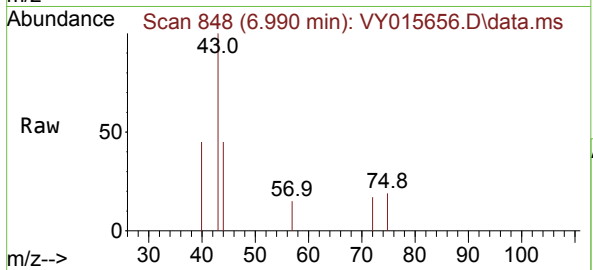




#25
2-Butanone
Concen: 1.224 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

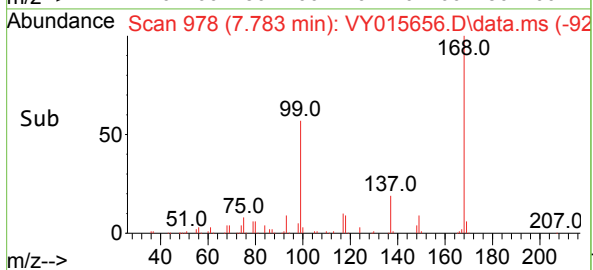
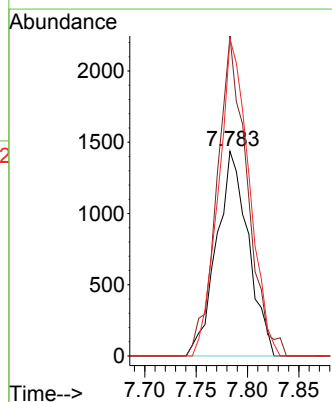
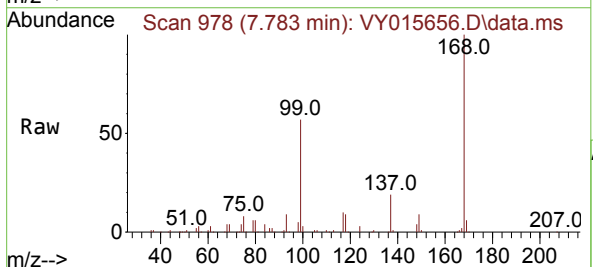
Instrument :
MSVOA_Y
ClientSampleId :

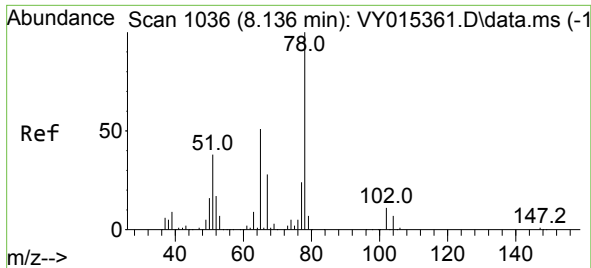
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
72 17.1 20.5 30.7#



#31
Cyclohexane
Concen: 1.513 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Tgt Ion: 56 Resp: 3080
Ion Ratio Lower Upper
56 100
69 156.3 27.8 41.6#
84 154.9 66.4 99.6#

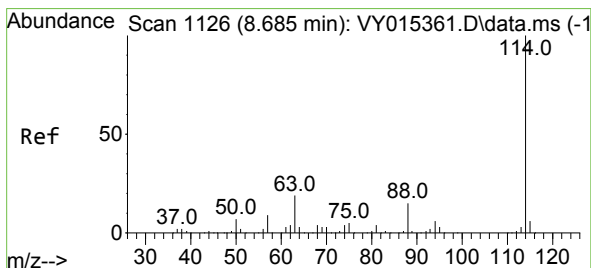
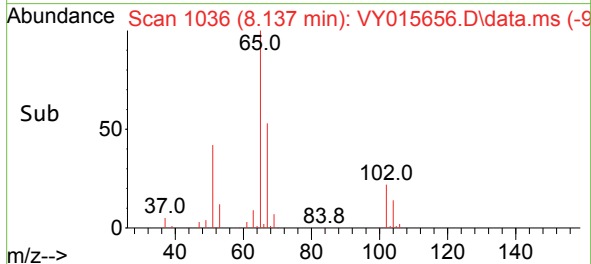
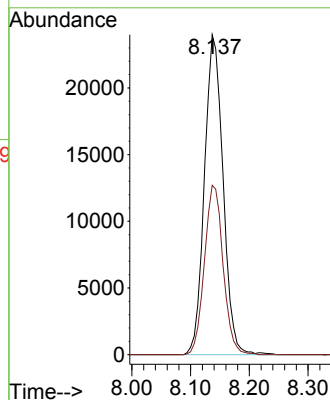
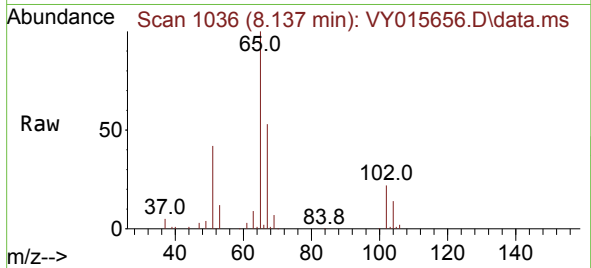




#33
 1,2-Dichloroethane-d4
 Concen: 35.918 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY015656.D
 Acq: 20 Sep 2023 14:08

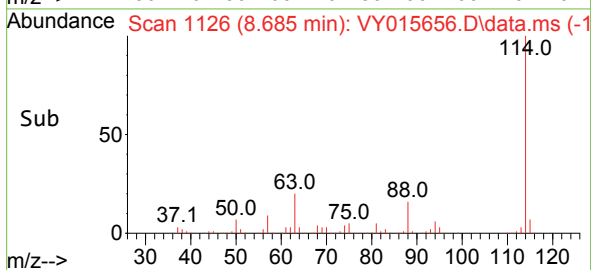
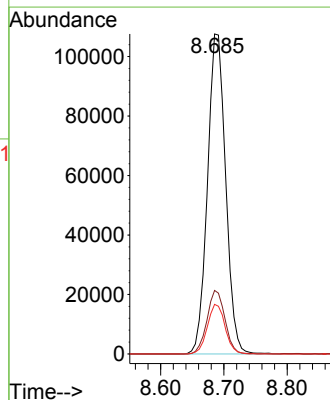
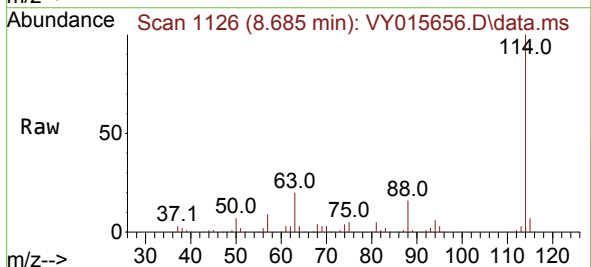
Instrument :
 MSVOA_Y
 ClientSampleId :

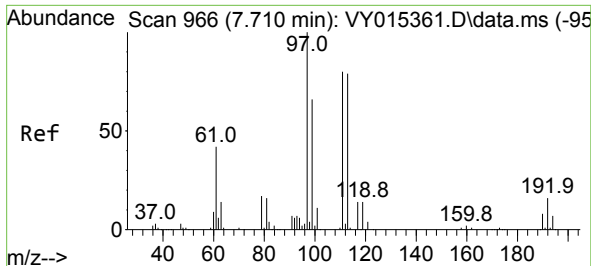
Tgt Ion: 65 Resp: 52786
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015656.D
 Acq: 20 Sep 2023 14:08

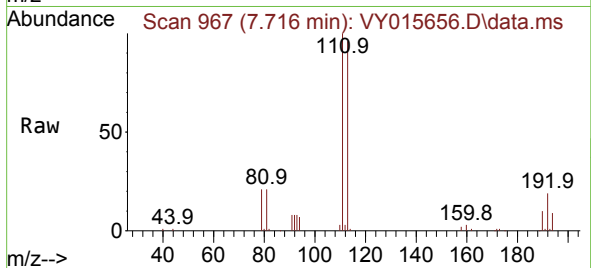
Tgt Ion: 114 Resp: 215002
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.5 0.0 30.6



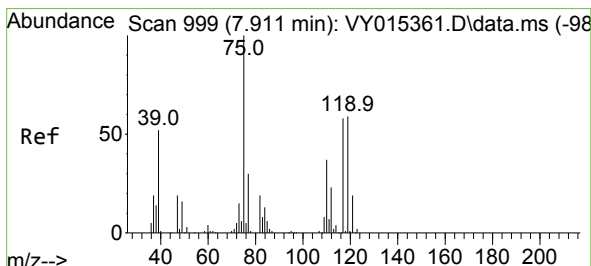
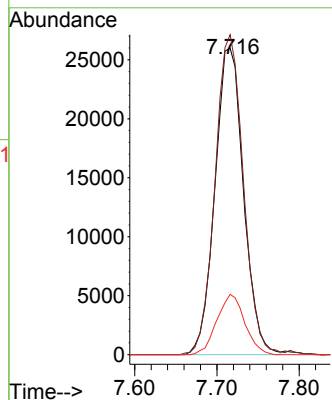
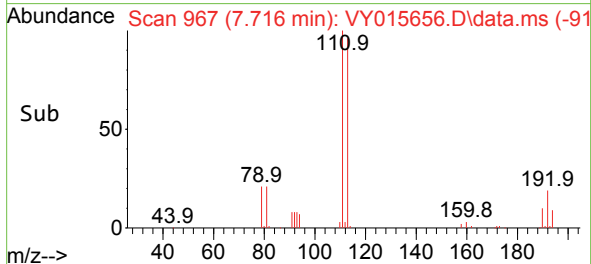


#35
Dibromofluoromethane
Concen: 48.749 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

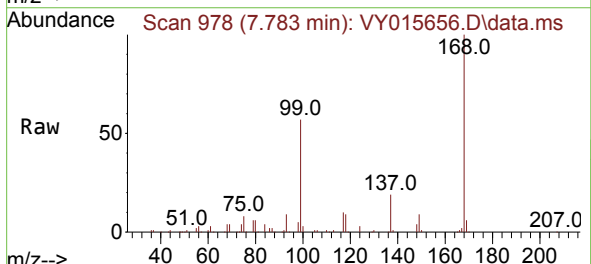
Instrument :
MSVOA_Y
ClientSampleId :



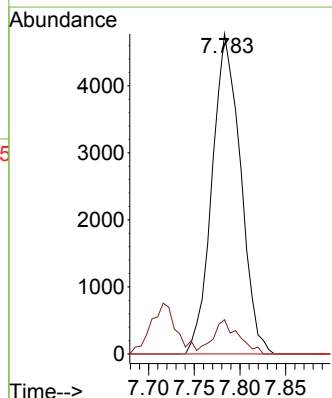
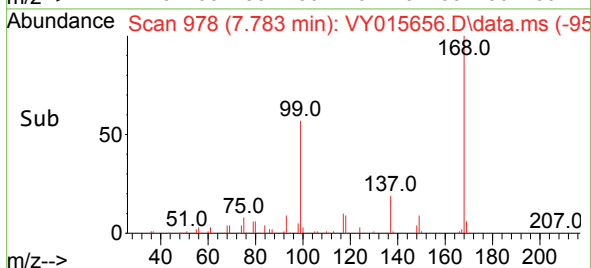
Tgt Ion:113 Resp: 62733
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.2 16.9 25.3

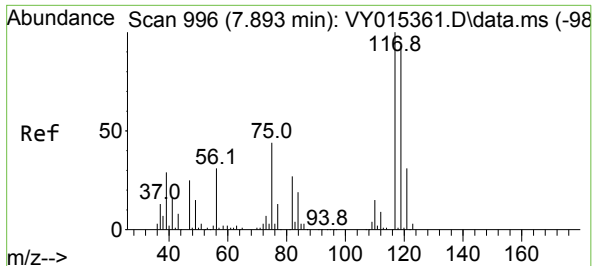


#36
1,1-Dichloropropene
Concen: 5.434 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08



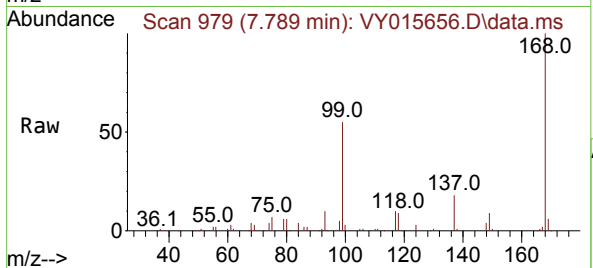
Tgt Ion: 75 Resp: 10340
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



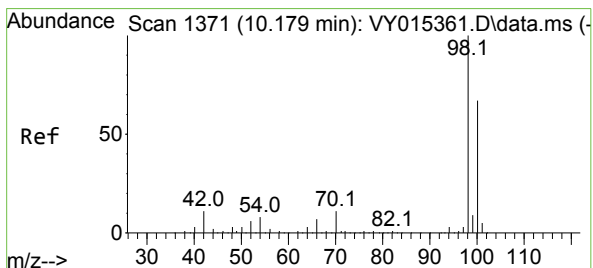
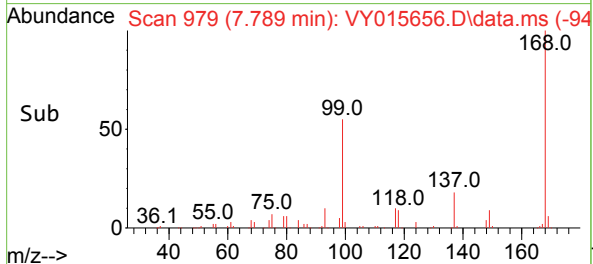
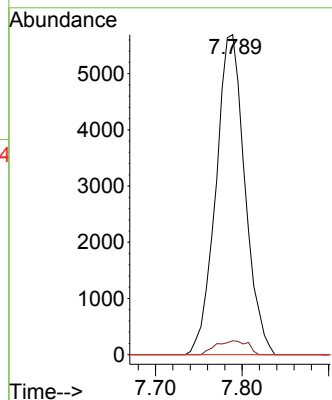


#38
Carbon Tetrachloride
Concen: 6.415 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :

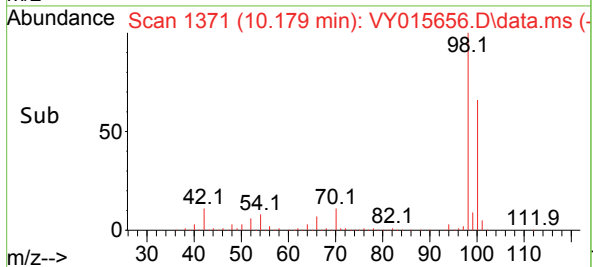
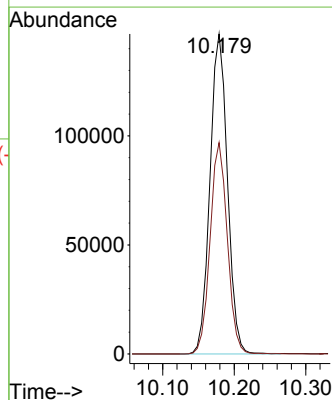
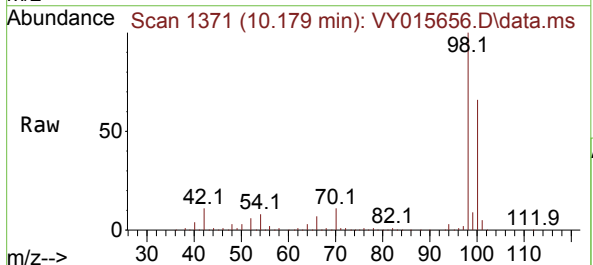


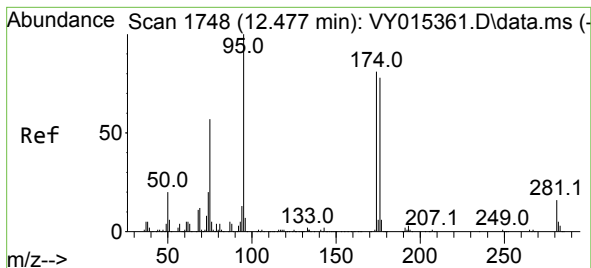
Tgt Ion:117 Resp: 13250
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.023 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Tgt Ion: 98 Resp: 248809
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

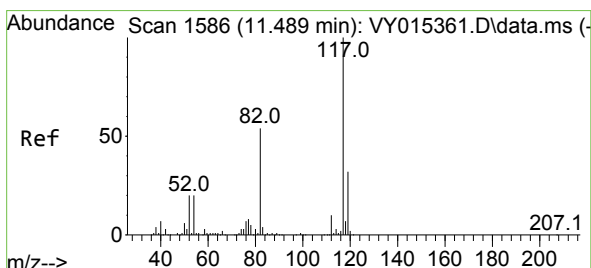
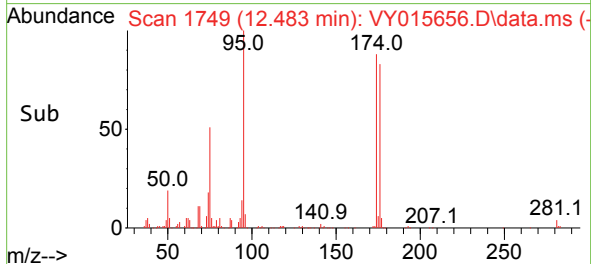
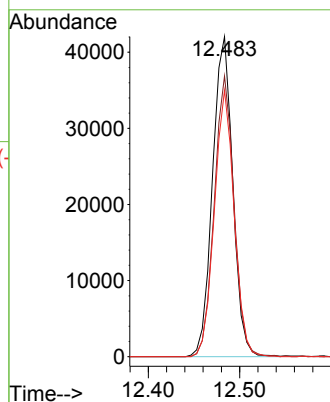
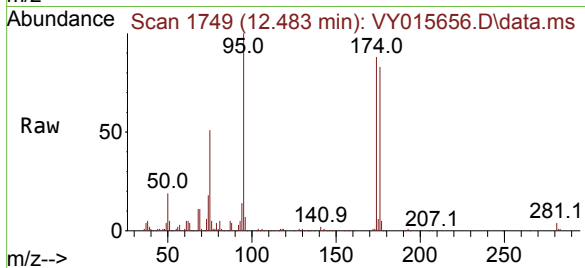




#62
4-Bromofluorobenzene
Concen: 37.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

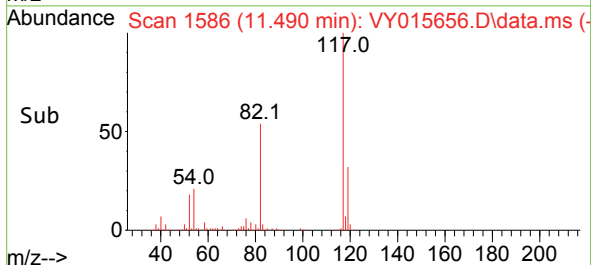
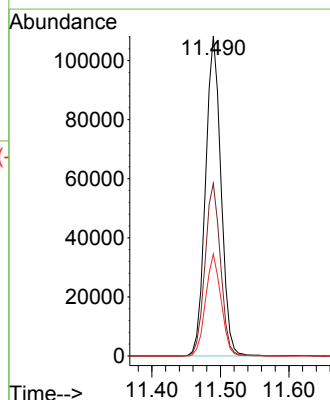
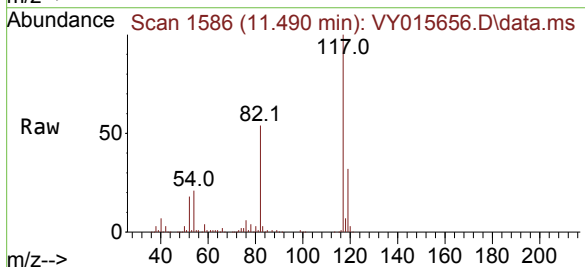
Instrument :
MSVOA_Y
ClientSampleId :

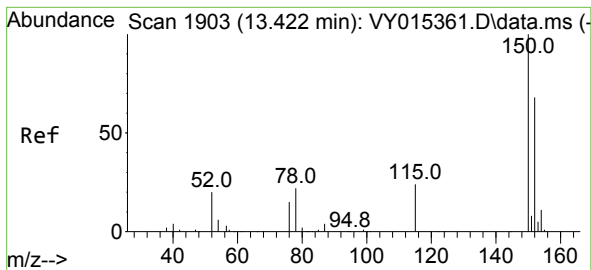
Tgt Ion: 95 Resp: 64531
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Tgt Ion: 117 Resp: 170020
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.9 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: VY015656.D

Acq: 20 Sep 2023 14:08

Instrument :

MSVOA_Y

ClientSampleId :

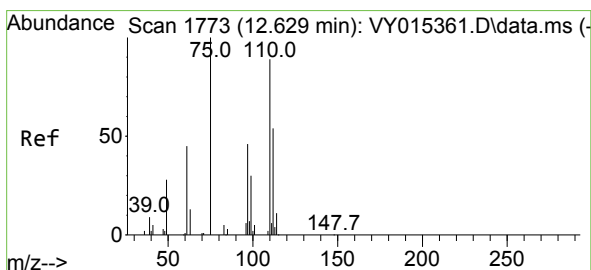
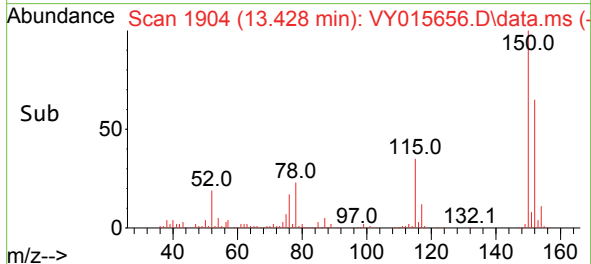
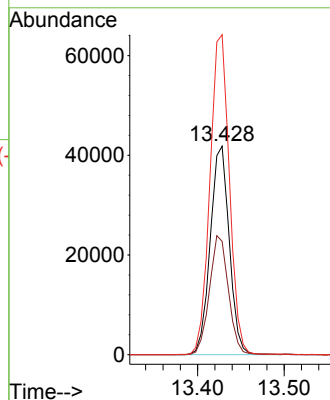
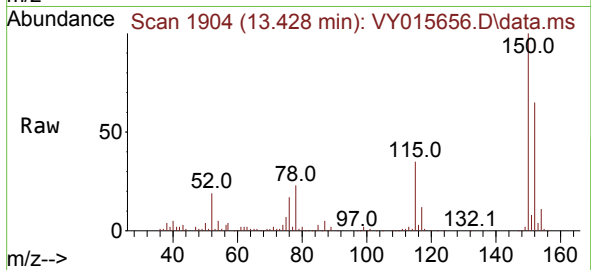
Tgt Ion:152 Resp: 63831

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 156.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 33.768 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015656.D

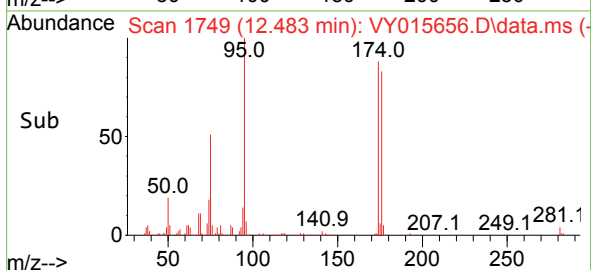
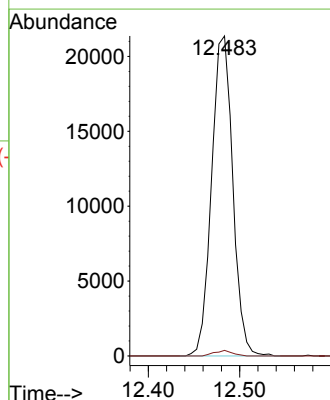
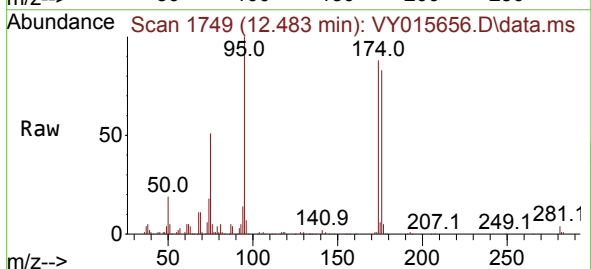
Acq: 20 Sep 2023 14:08

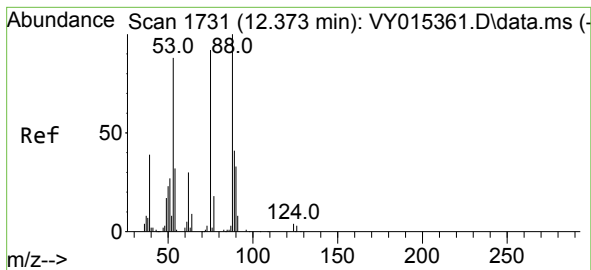
Tgt Ion: 75 Resp: 34387

Ion Ratio Lower Upper

75 100

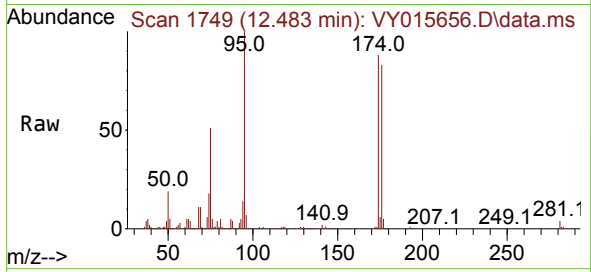
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.043 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015656.D
 Acq: 20 Sep 2023 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	34387
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

