

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014864.D
 Acq On : 26 Jul 2023 20:59
 Operator : SY/MD
 Sample : 03731-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

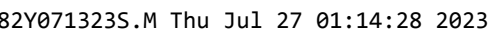
Quant Time: Jul 27 01:14:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

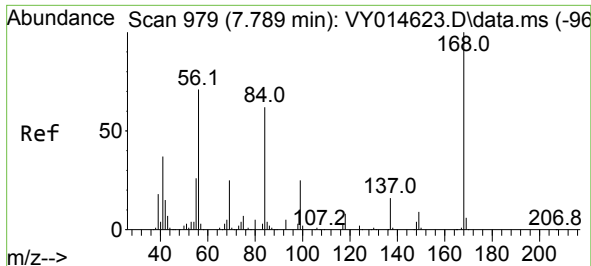
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	148010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91017	53.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.920%	
35) Dibromofluoromethane	7.716	113	82734	50.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.300%	
50) Toluene-d8	10.179	98	312396	51.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.477	95	110289	47.295	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1301	Below Cal	#	89
16) Acetone	3.948	43	9204	17.221	ug/l #	89
20) Methylene Chloride	4.716	84	15441	5.101	ug/l #	90
25) 2-Butanone	6.984	43	5372	6.870	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	5194	1.810	ug/l #	54
31) Cyclohexane	7.789	56	3541	1.265	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	11531	4.674	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15153	5.811	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	59889	41.922	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59889	81.169	ug/l #	10

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

Quant Time: Jul 27 01:14:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

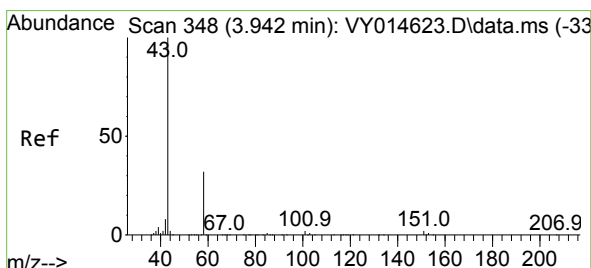
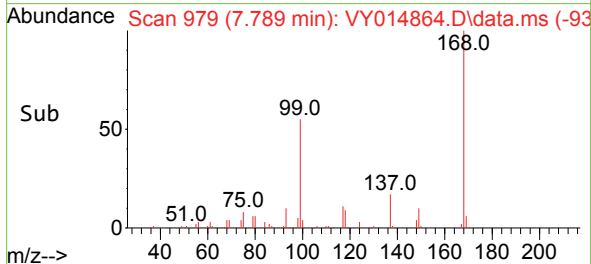
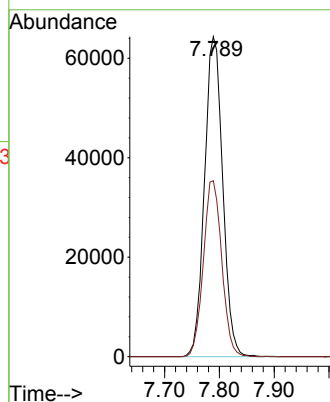
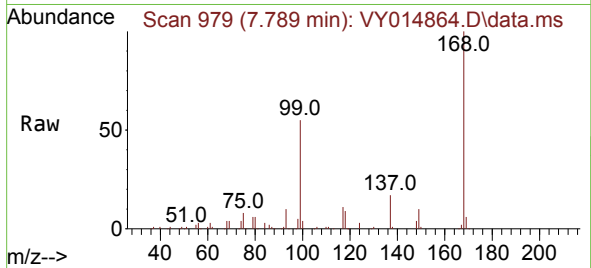




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

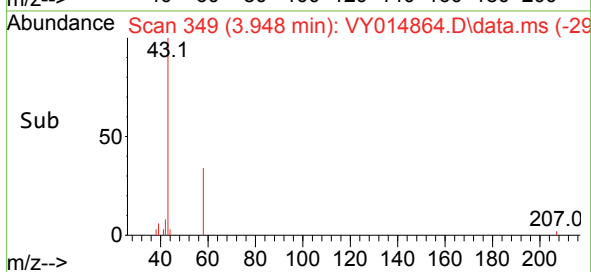
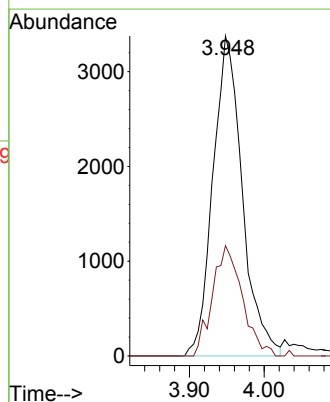
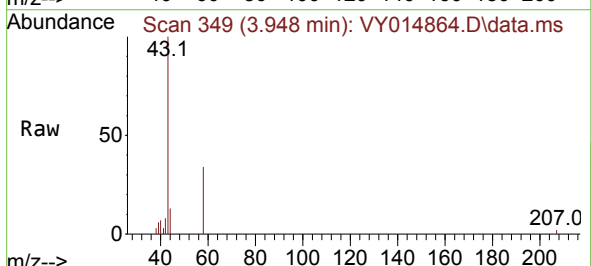
Instrument :
MSVOA_Y
ClientSampleId :

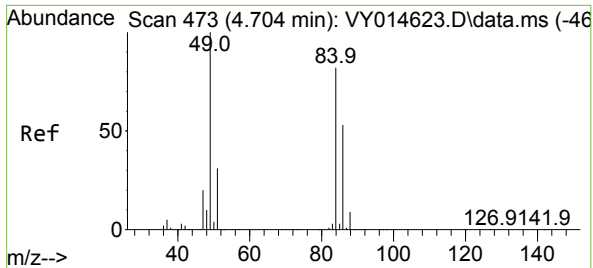
Tgt Ion:168 Resp: 148010
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 17.221 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

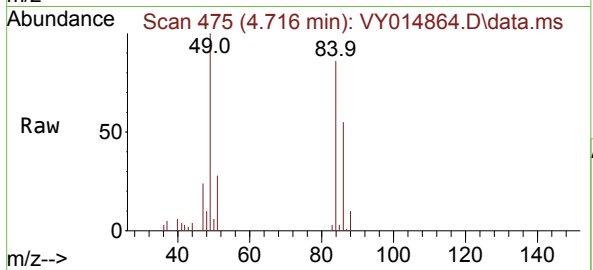
Tgt Ion: 43 Resp: 9204
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#



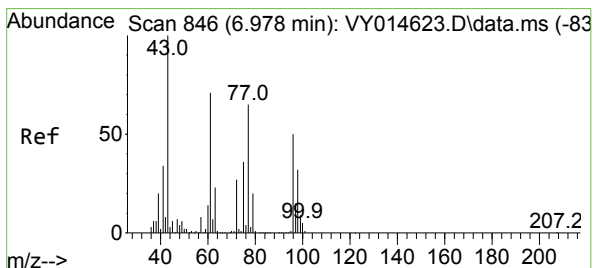
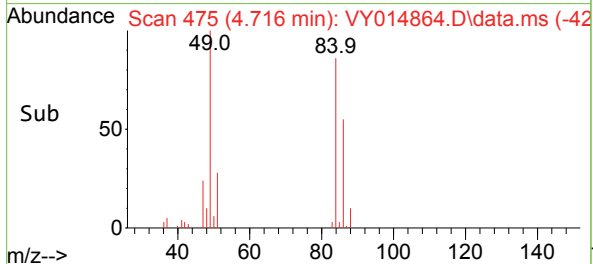
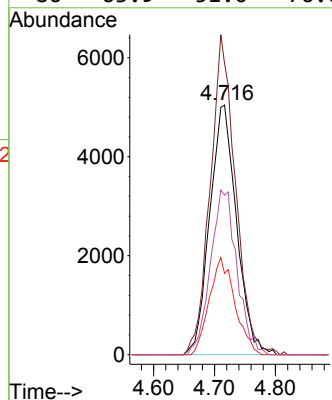


#20
Methylene Chloride
Concen: 5.101 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Instrument :
MSVOA_Y
ClientSampleId :

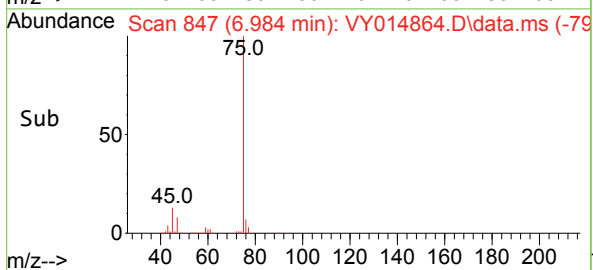
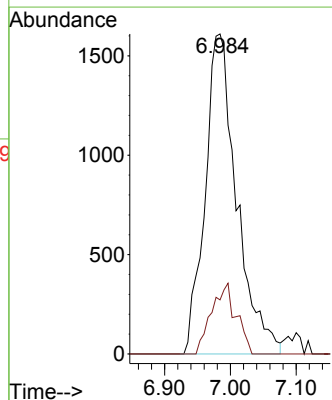
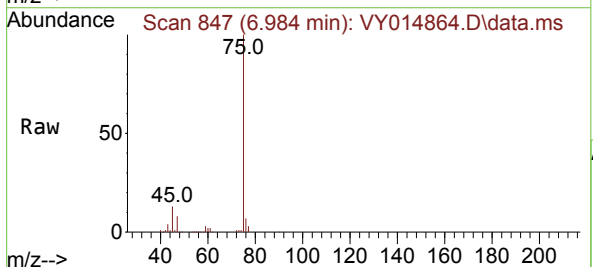


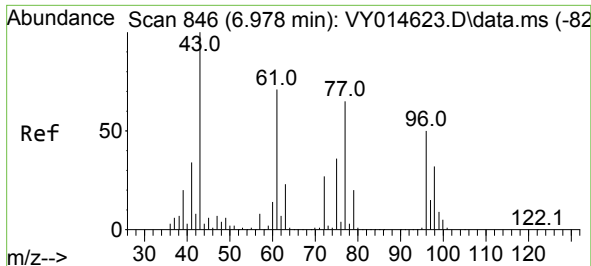
Tgt Ion:	84	Resp:	15441
Ion	Ratio	Lower	Upper
84	100		
49	116.7	106.9	160.3
51	32.6	33.2	49.8#
86	63.9	51.0	76.6



#25
2-Butanone
Concen: 6.870 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Tgt Ion:	43	Resp:	5372
Ion	Ratio	Lower	Upper
43	100		
72	16.9	20.5	30.7#

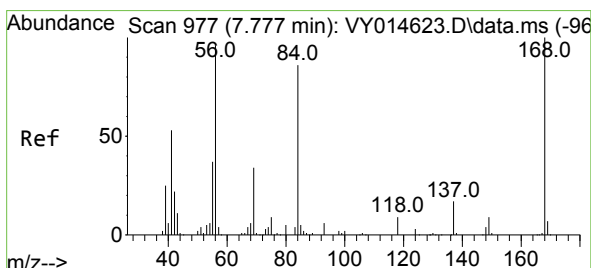
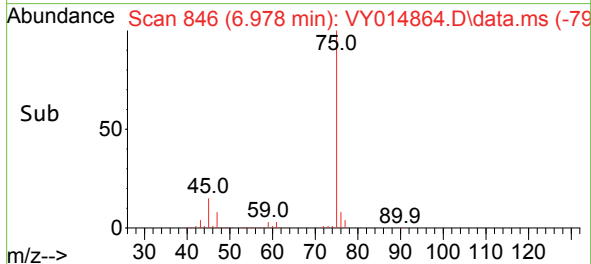
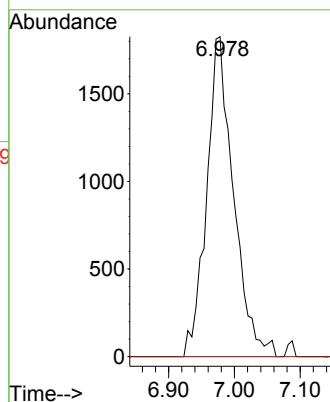
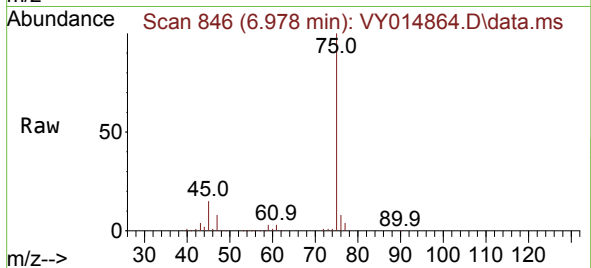




#26
2,2-Dichloropropane
Concen: 1.810 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

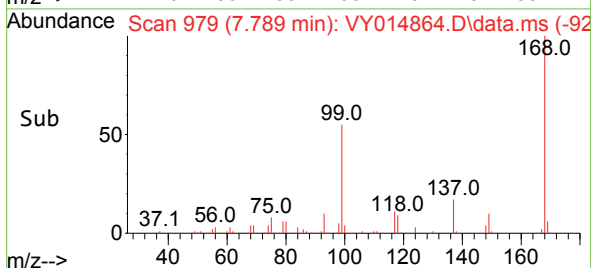
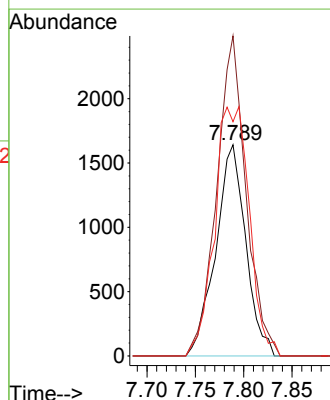
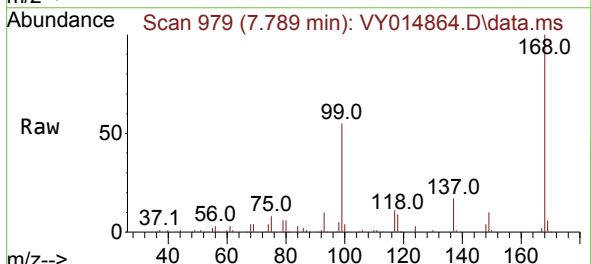
Instrument :
MSVOA_Y
ClientSampleId :

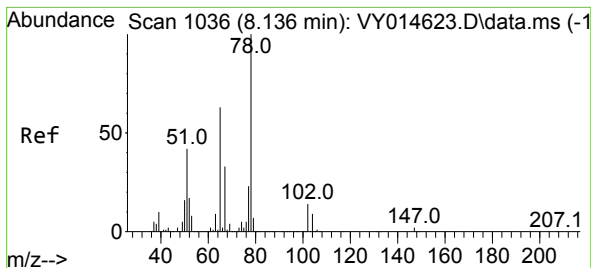
Tgt Ion: 77 Resp: 5194
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Tgt Ion: 56 Resp: 3541
Ion Ratio Lower Upper
56 100
69 151.5 27.8 41.6#
84 110.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.964 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014864.D

Acq: 26 Jul 2023 20:59

Instrument :

MSVOA_Y

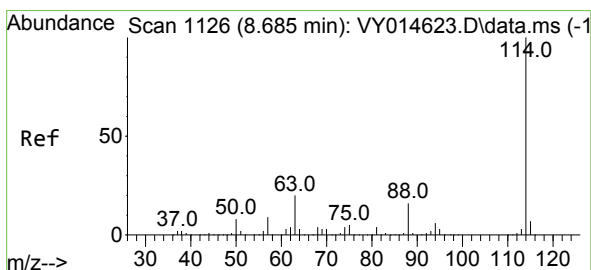
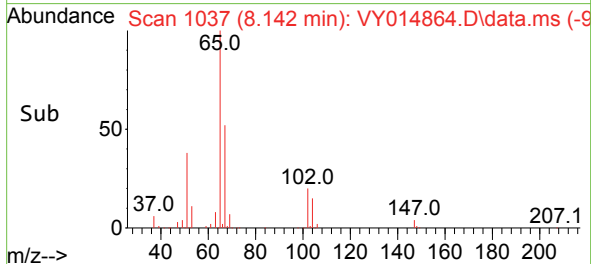
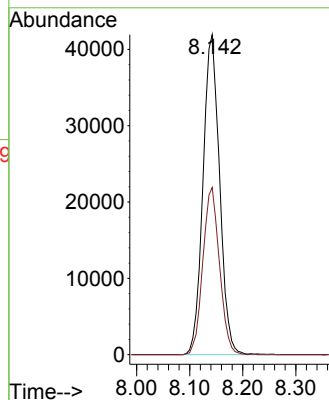
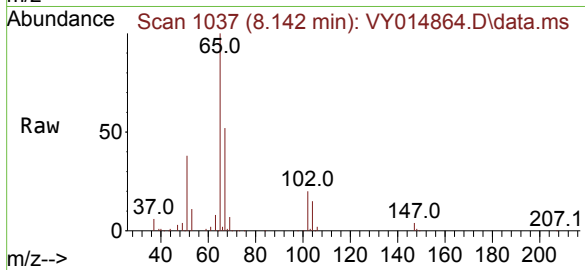
ClientSampleId :

Tgt Ion: 65 Resp: 91017

Ion Ratio Lower Upper

65 100

67 52.3 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: VY014864.D

Acq: 26 Jul 2023 20:59

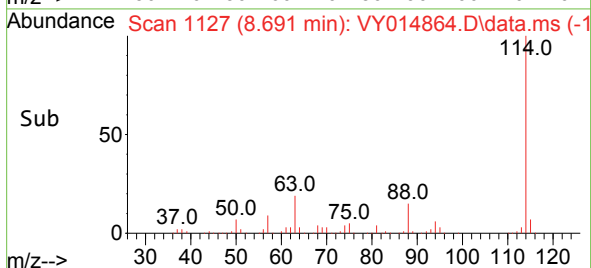
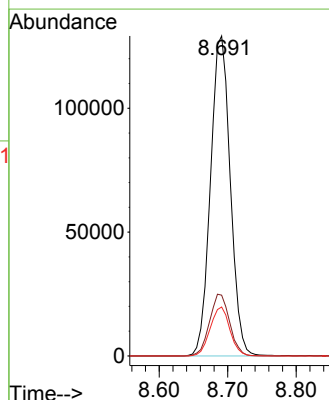
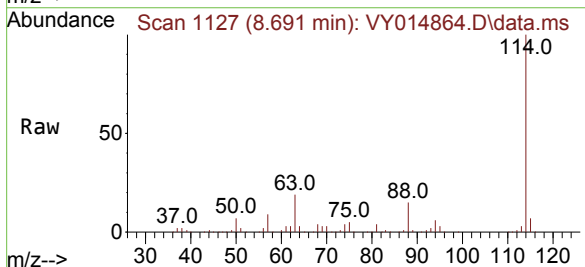
Tgt Ion: 114 Resp: 259134

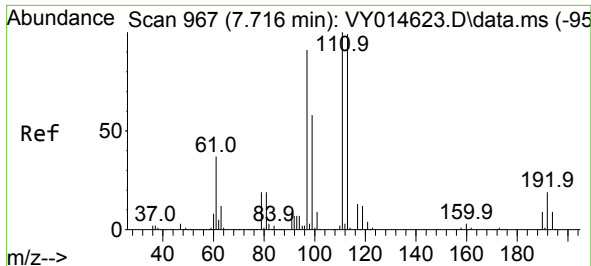
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

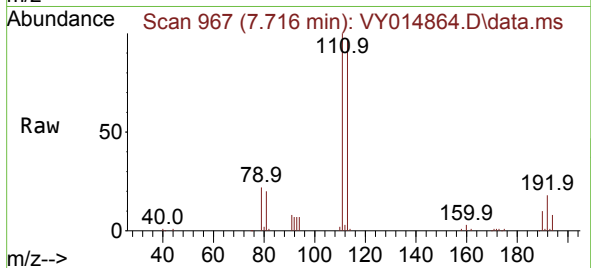
88 15.3 0.0 30.6



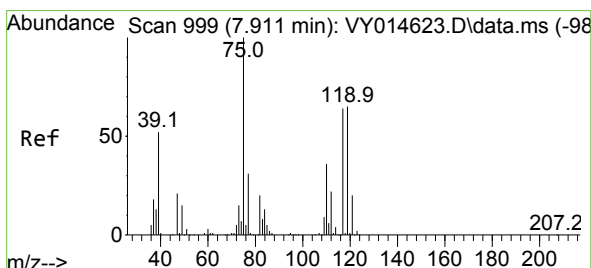
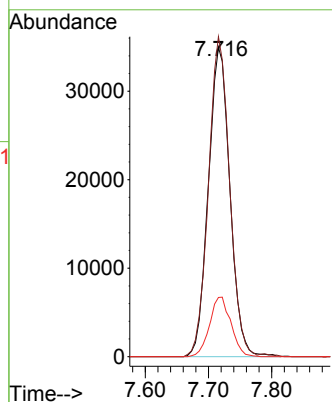
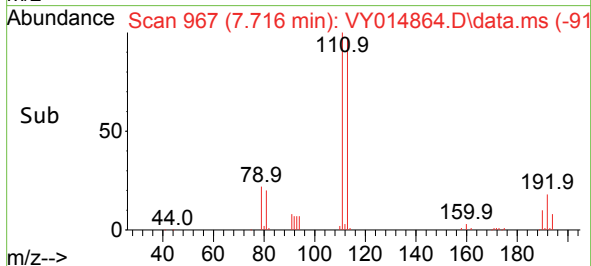


#35
Dibromofluoromethane
Concen: 50.154 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

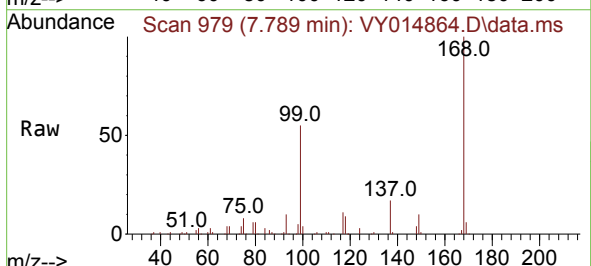
Instrument :
MSVOA_Y
ClientSampleId :



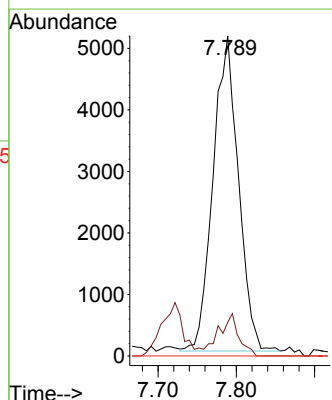
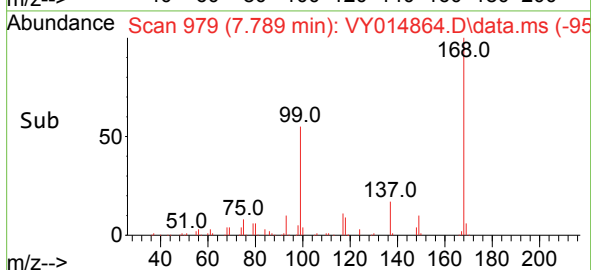
Tgt Ion:113 Resp: 82734
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.1 16.9 25.3

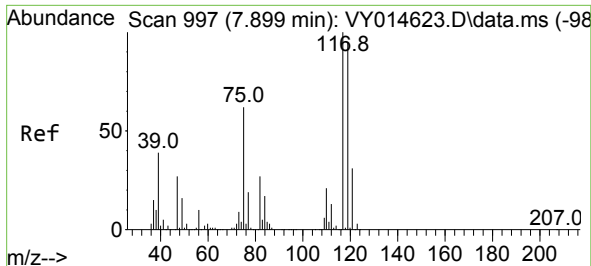


#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59



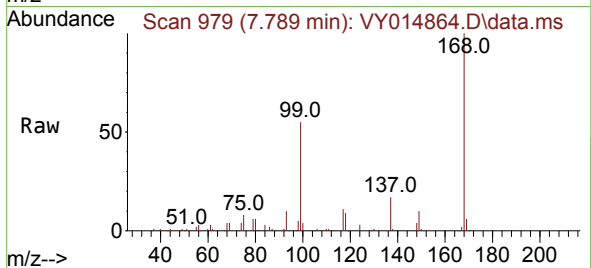
Tgt Ion: 75 Resp: 11531
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.0 24.4 36.6#



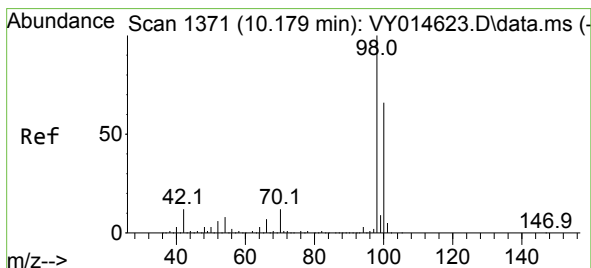
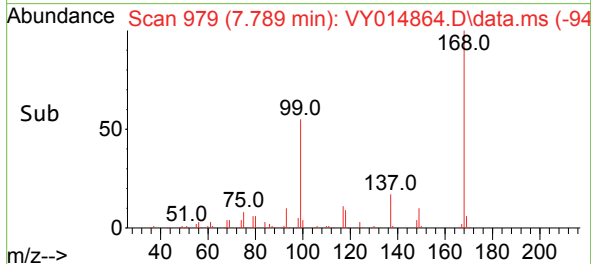
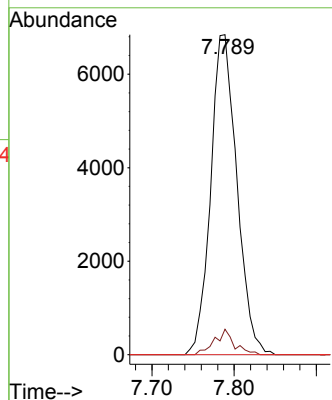


#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Instrument :
MSVOA_Y
ClientSampleId :

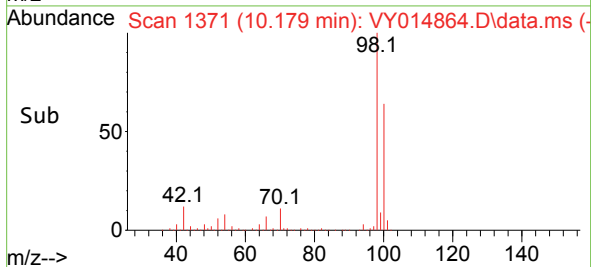
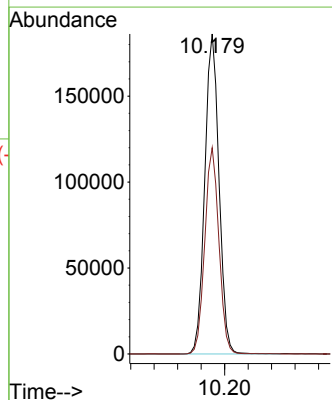
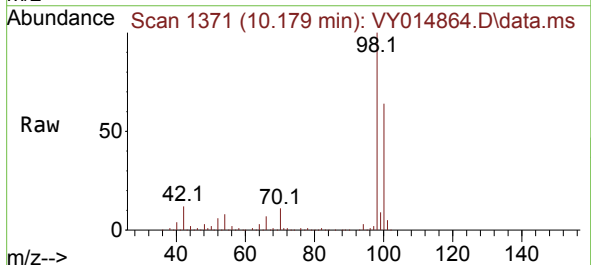


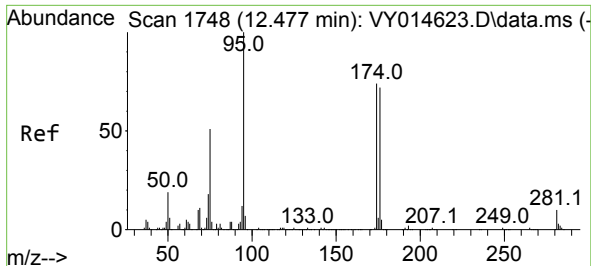
Tgt Ion:117 Resp: 15153
Ion Ratio Lower Upper
117 100
119 8.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.367 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Tgt Ion: 98 Resp: 312396
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1

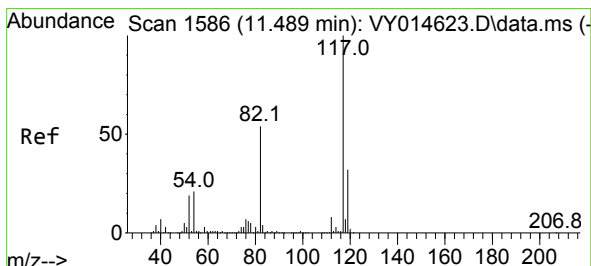
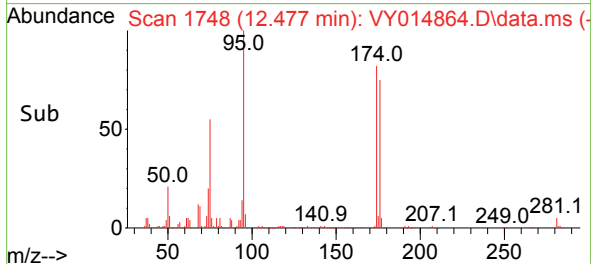
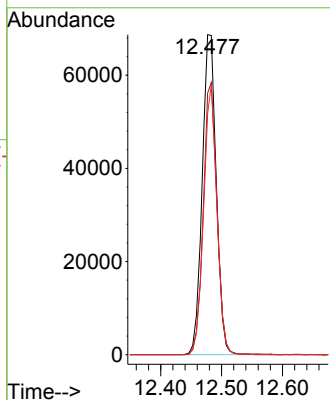
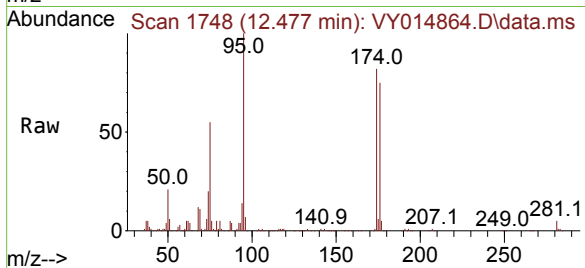




#62
4-Bromofluorobenzene
Concen: 47.295 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

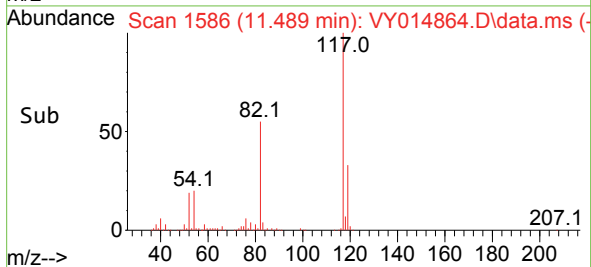
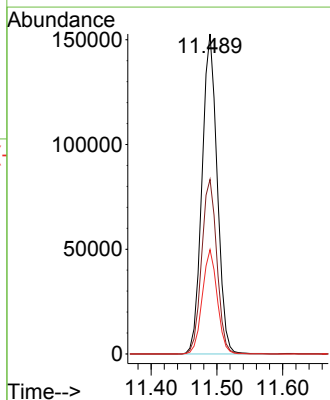
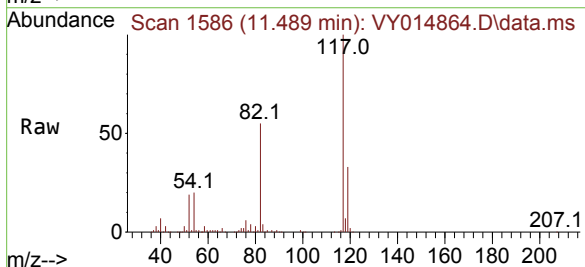
Instrument :
MSVOA_Y
ClientSampleId :

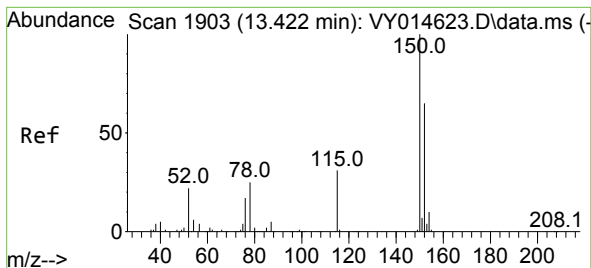
Tgt Ion: 95 Resp: 110289
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 79.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Tgt Ion: 117 Resp: 245891
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.6 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

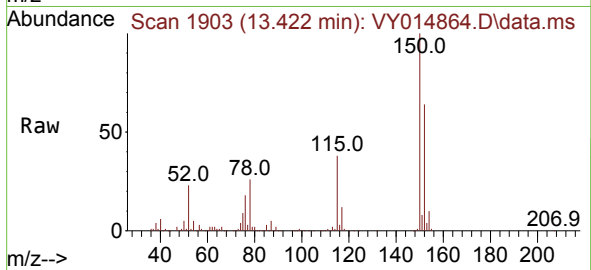
Lab File: VY014864.D

Acq: 26 Jul 2023 20:59

Instrument :

MSVOA_Y

ClientSampleId :



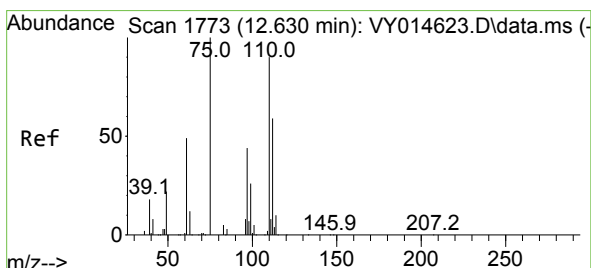
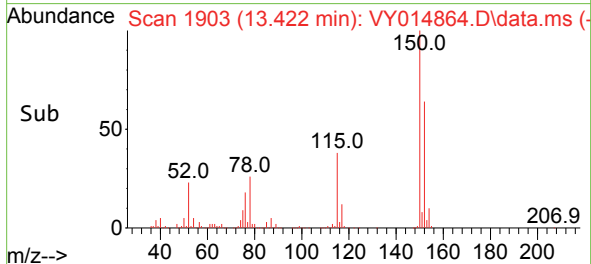
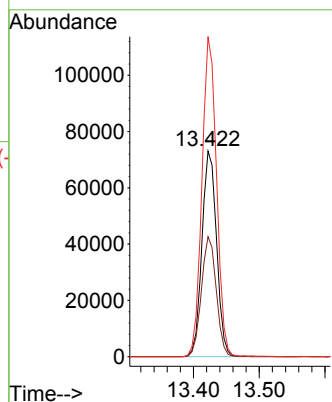
Tgt Ion:152 Resp: 113112

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 155.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.922 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014864.D

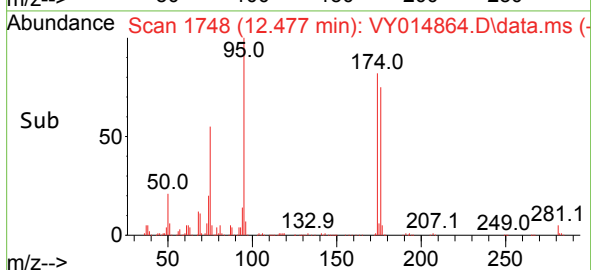
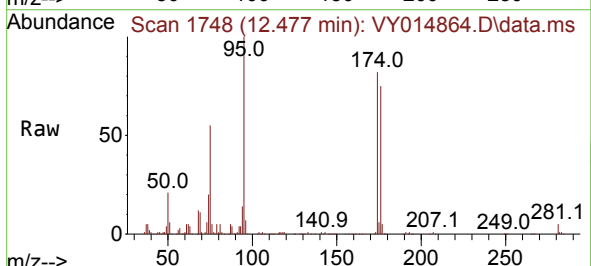
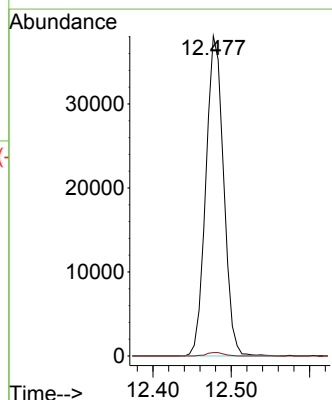
Acq: 26 Jul 2023 20:59

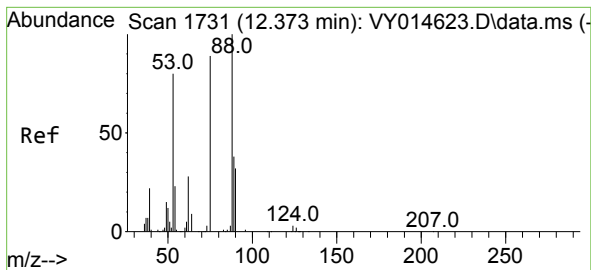
Tgt Ion: 75 Resp: 59889

Ion Ratio Lower Upper

75 100

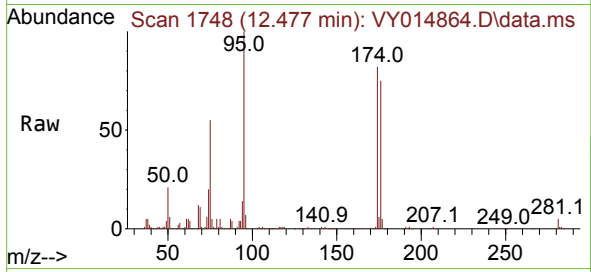
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.169 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014864.D
 Acq: 26 Jul 2023 20:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 59889
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

