

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013947.D
 Acq On : 31 May 2023 19:43
 Operator : KP/MD
 Sample : 02981-04
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 01 03:31:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

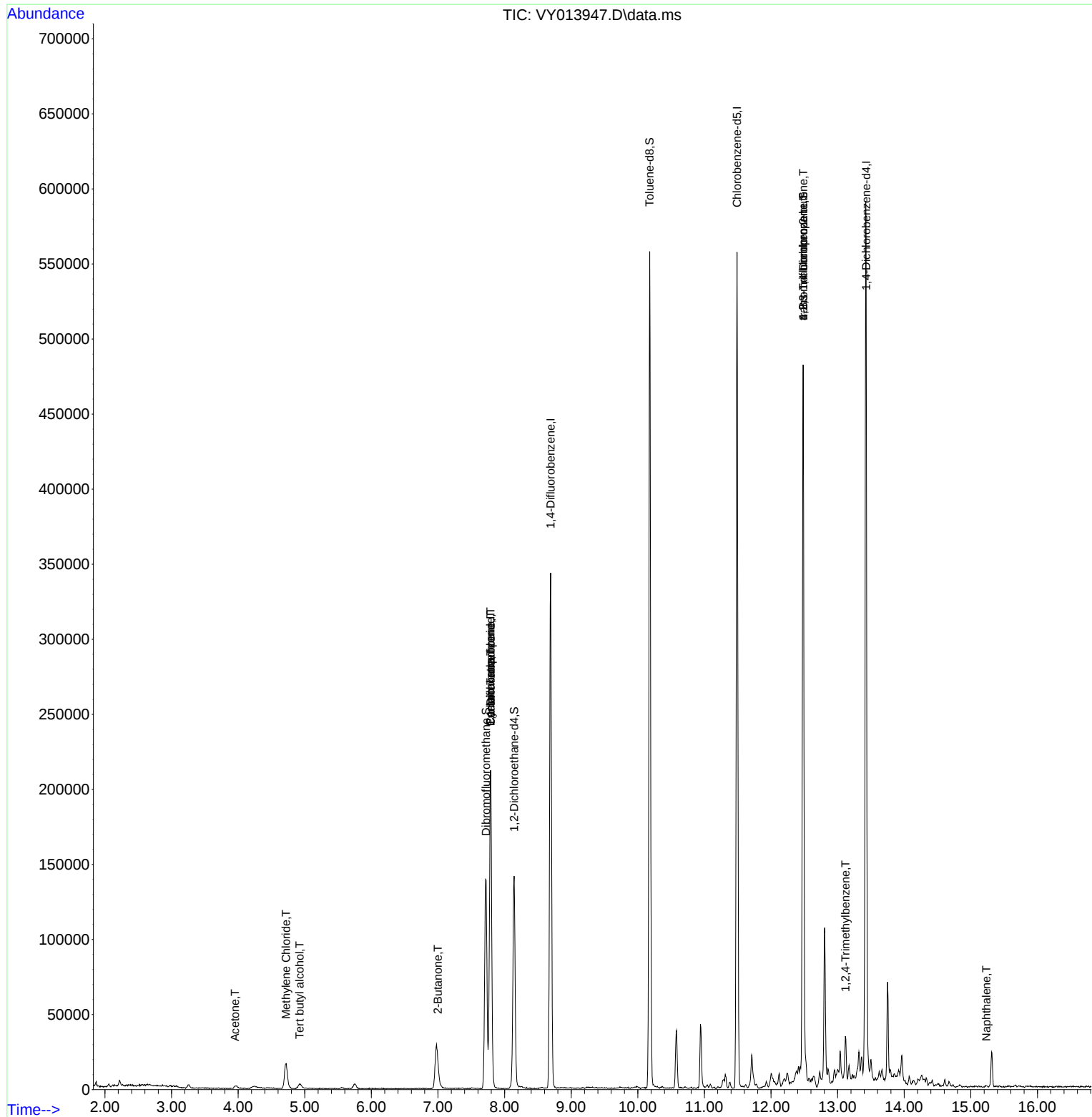
Internal Standards						
1) Pentafluorobenzene	7.789	168	164394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116139	61.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.140%	
35) Dibromofluoromethane	7.722	113	98139	53.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.179	98	351444	50.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.483	95	128780	55.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	3714	25.491	ug/l #	73
16) Acetone	3.954	43	1713	3.035	ug/l	99
20) Methylene Chloride	4.716	84	11989	3.635	ug/l	92
25) 2-Butanone	6.996	43	2974	4.318	ug/l #	66
31) Cyclohexane	7.789	56	3964	1.357	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	12923	4.599	ug/l #	53
38) Carbon Tetrachloride	7.789	117	16268	5.090	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	70764	41.441	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70764	89.956	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.117	105	15087	1.727	ug/l	99
95) Naphthalene	15.233	128	853	4.674	ug/l #	73

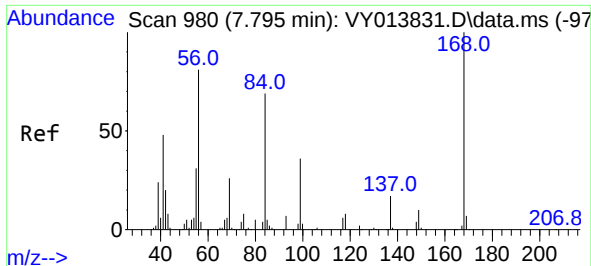
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
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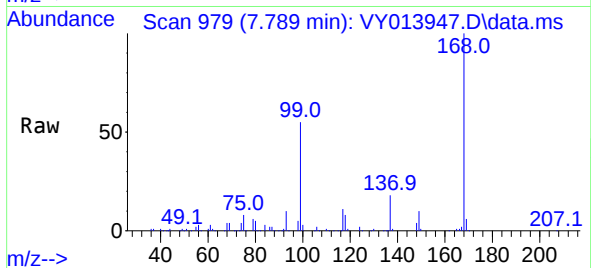
Quant Time: Jun 01 03:31:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration



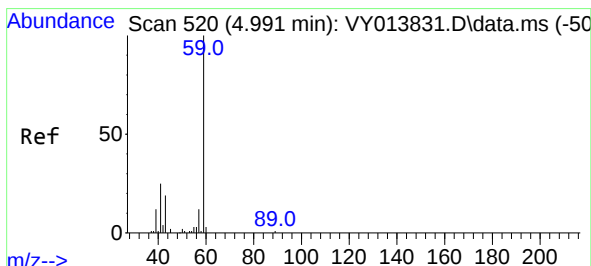
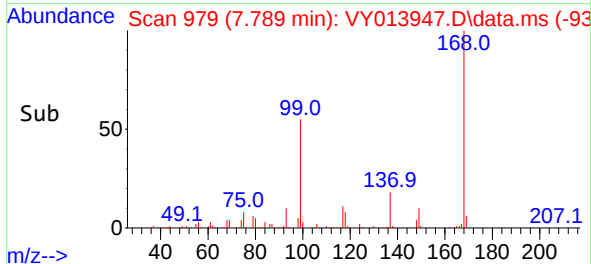
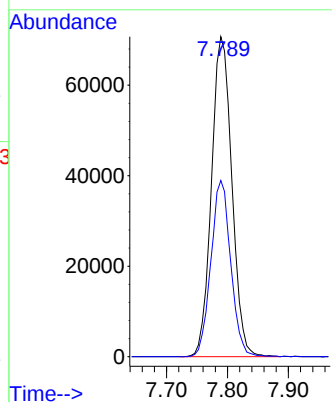


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :

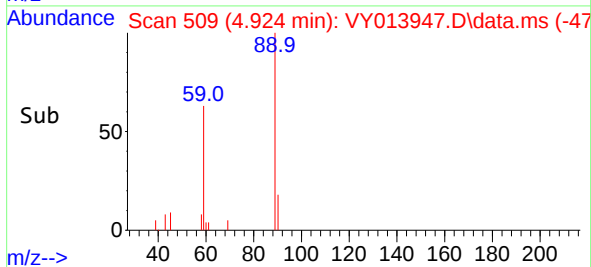
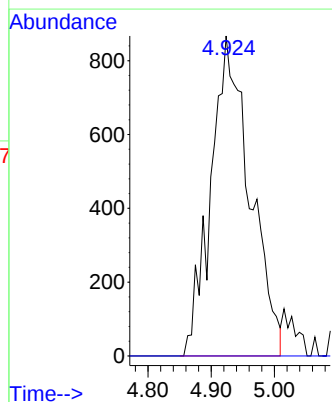
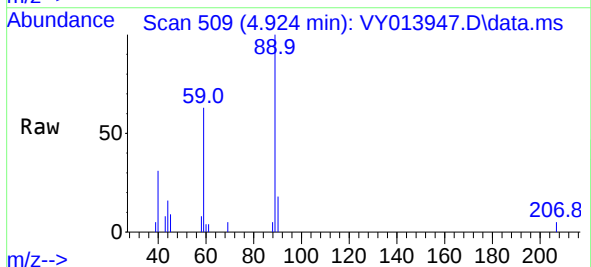


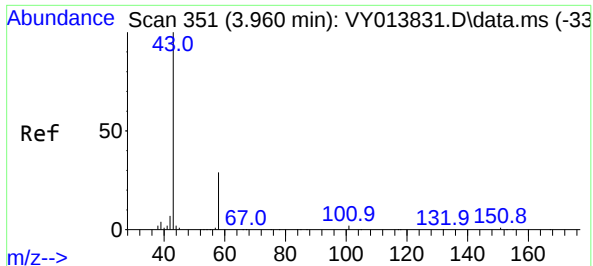
Tgt Ion:168 Resp: 164394
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.2



#11
Tert butyl alcohol
Concen: 25.491 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.067 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

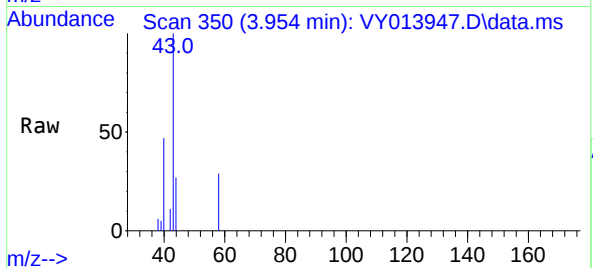
Tgt Ion: 59 Resp: 3714
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



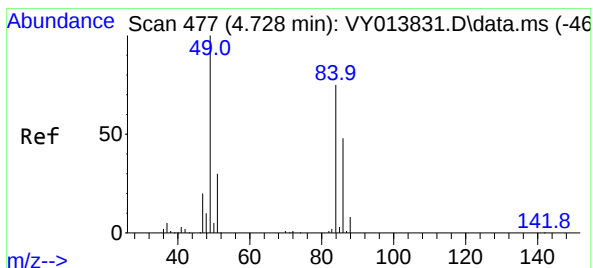
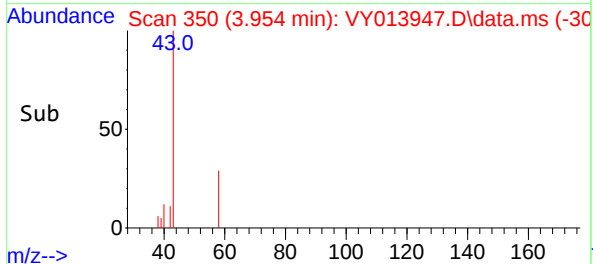
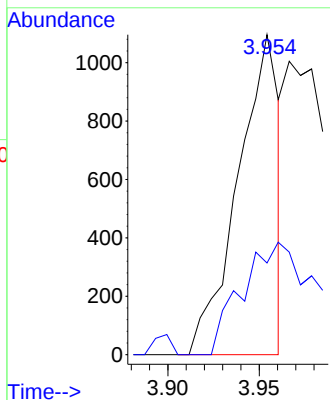


#16
Acetone
Concen: 3.035 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :

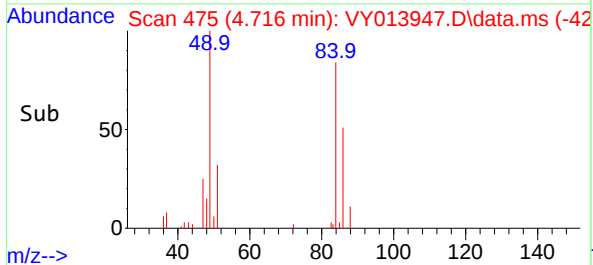
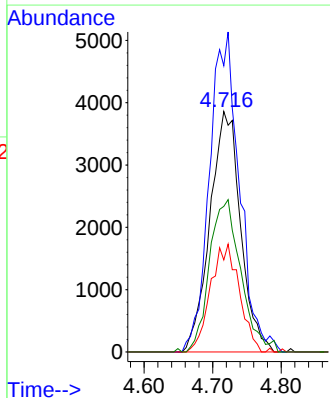
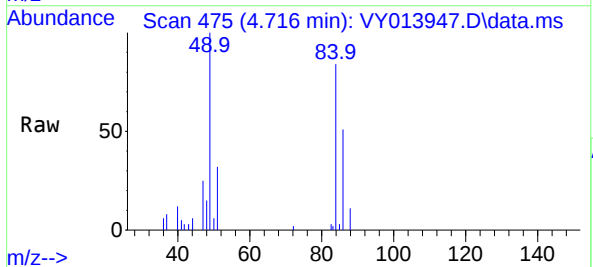


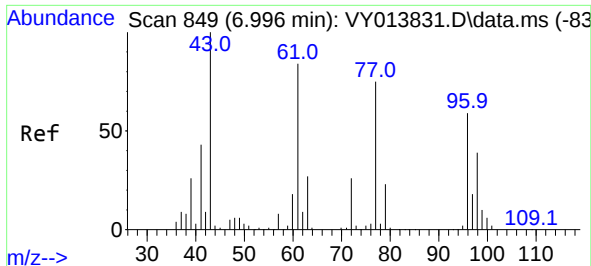
Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 28.6 23.3 34.9



#20
Methylene Chloride
Concen: 3.635 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Tgt Ion: 84 Resp: 11989
Ion Ratio Lower Upper
84 100
49 119.0 106.2 159.2
51 38.3 31.4 47.0
86 60.6 50.6 75.8

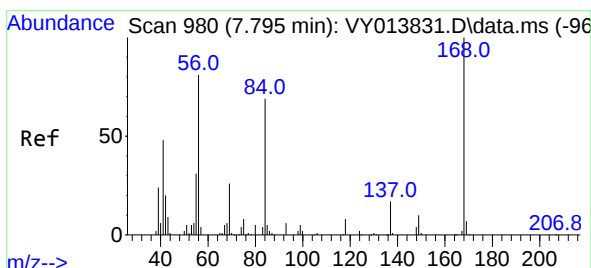
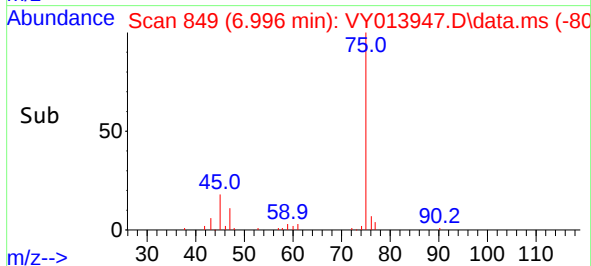
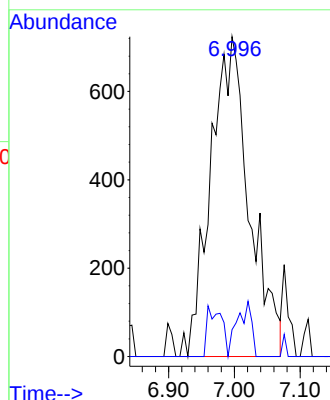
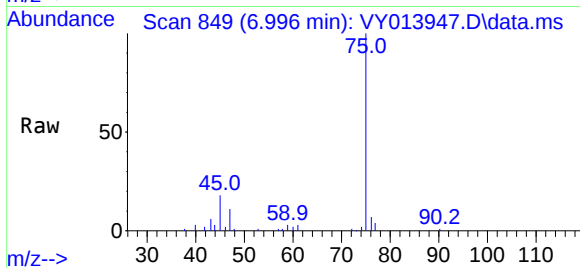




#25
2-Butanone
Concen: 4.318 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

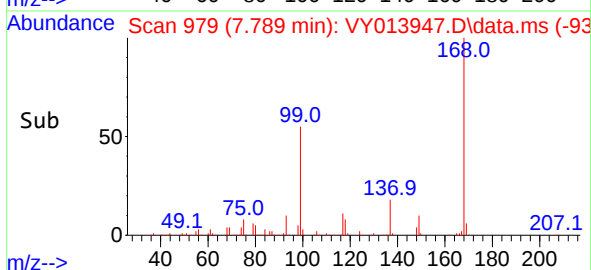
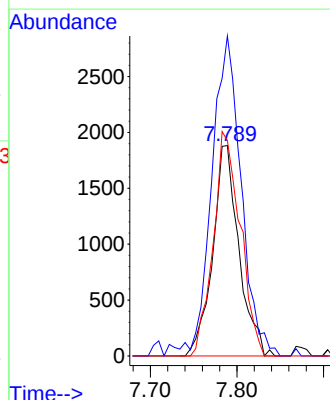
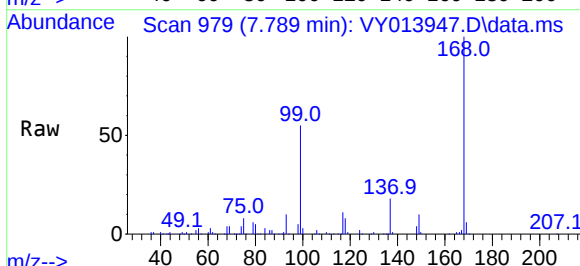
Instrument :
MSVOA_Y
ClientSampleId :

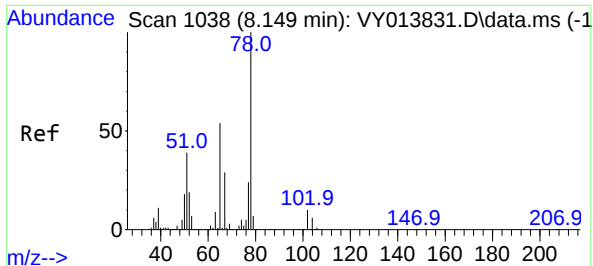
Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
72 8.4 20.5 30.7#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Tgt Ion: 56 Resp: 3964
Ion Ratio Lower Upper
56 100
69 152.1 25.8 38.8#
84 102.4 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 61.065 ug/l

RT: 8.143 min Scan# 116139

Delta R.T. -0.006 min

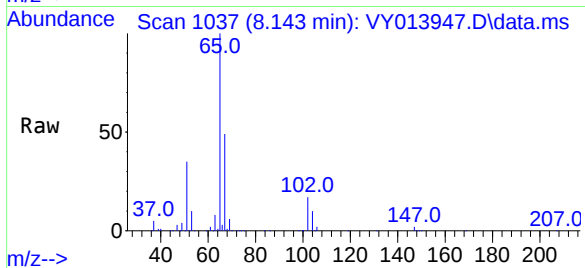
Lab File: VY013947.D

Acq: 31 May 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

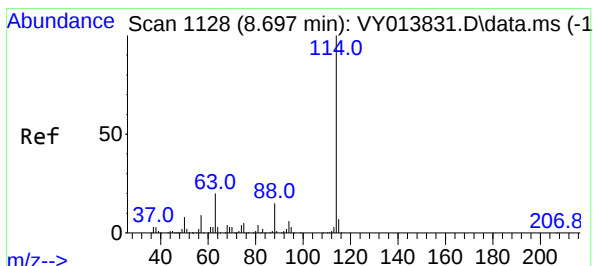
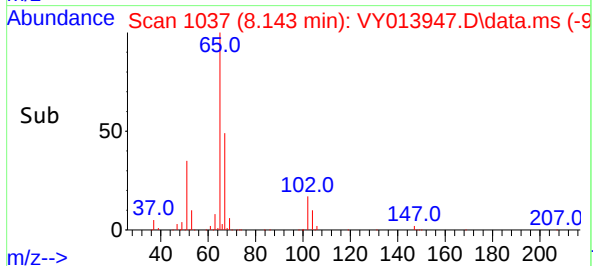
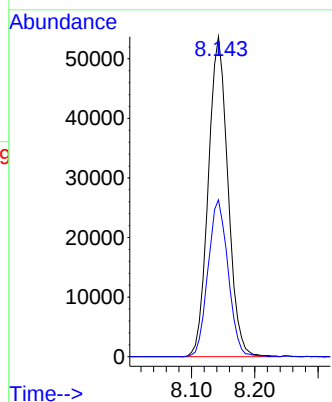


Tgt Ion: 65 Resp: 116139

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013947.D

Acq: 31 May 2023 19:43

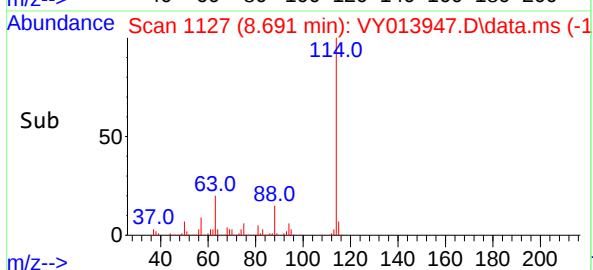
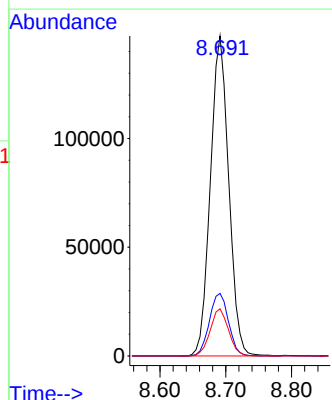
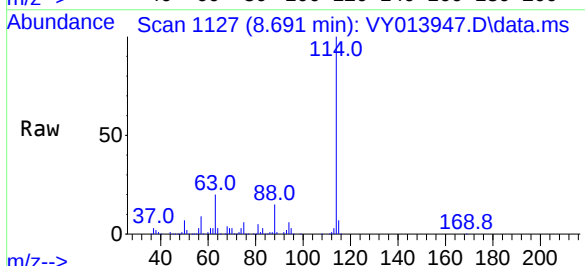
Tgt Ion: 114 Resp: 285697

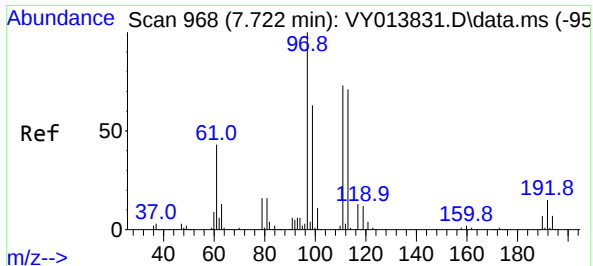
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

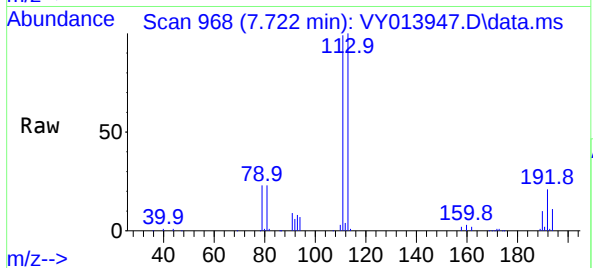
88 14.8 0.0 30.0



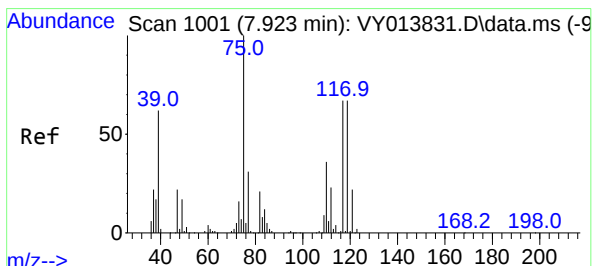
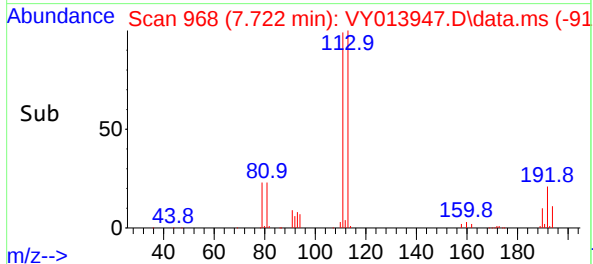
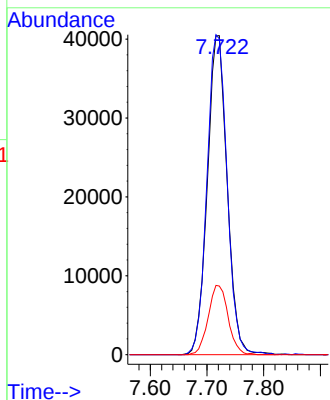


#35
Dibromofluoromethane
Concen: 53.191 ug/l
RT: 7.722 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :

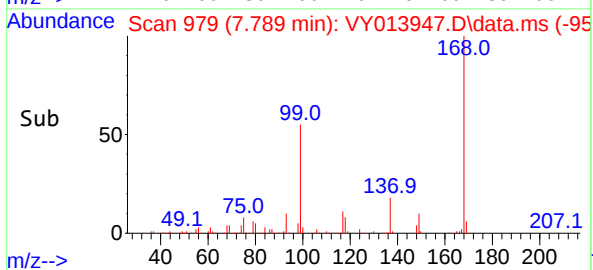
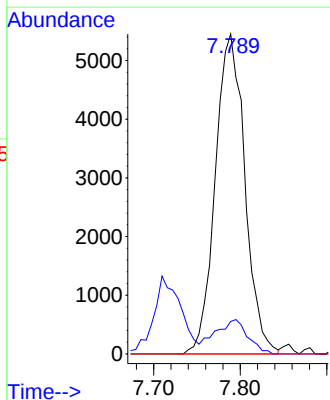
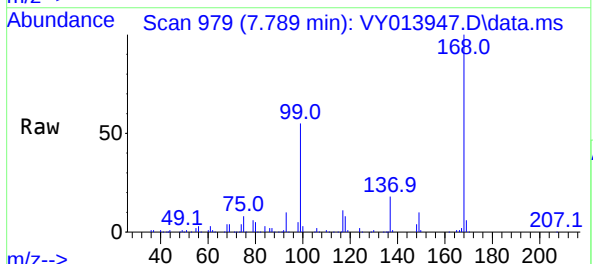


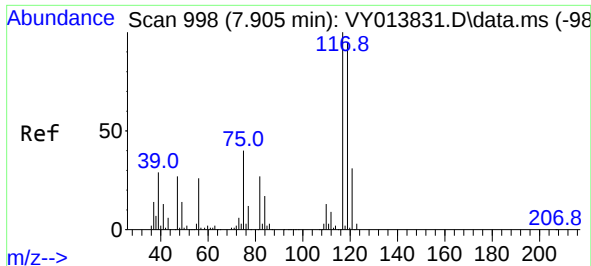
Tgt Ion:113 Resp: 98139
Ion Ratio Lower Upper
113 100
111 101.7 80.4 120.6
192 21.8 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

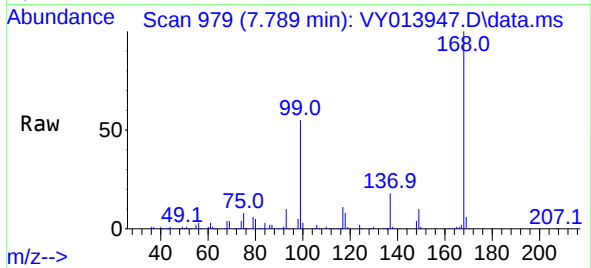
Tgt Ion: 75 Resp: 12923
Ion Ratio Lower Upper
75 100
110 11.9 17.5 52.6#
77 0.0 24.4 36.6#



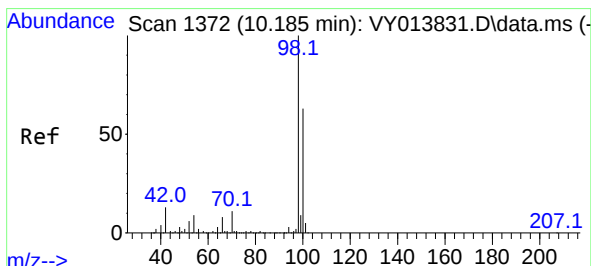
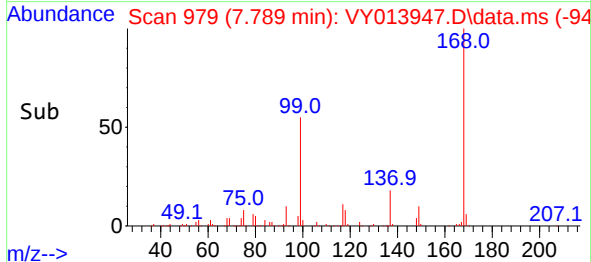
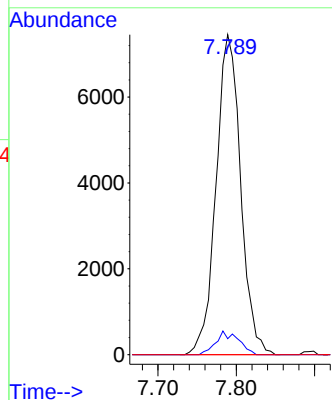


#38
Carbon Tetrachloride
Concen: 5.090 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :

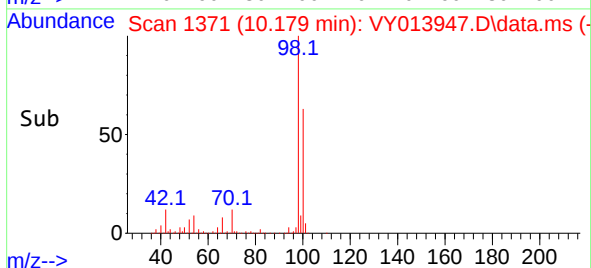
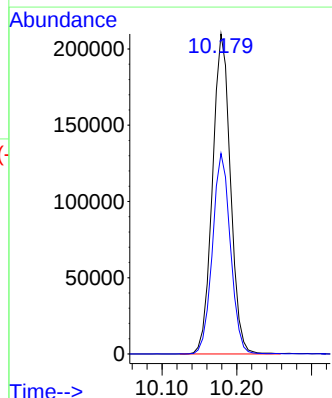
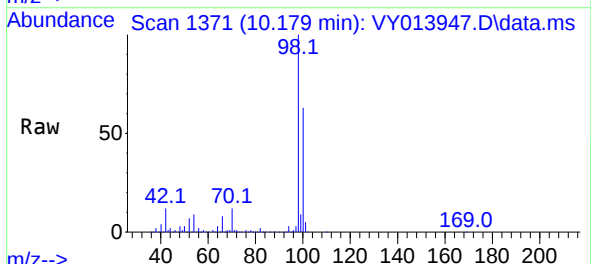


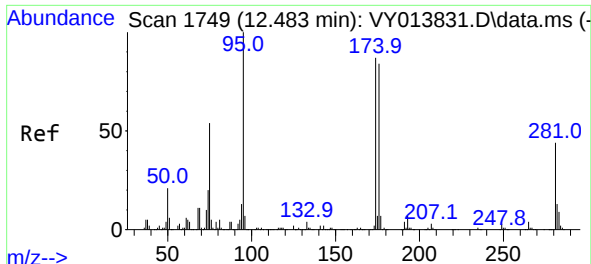
Tgt Ion:117 Resp: 16268
Ion Ratio Lower Upper
117 100
119 5.0 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

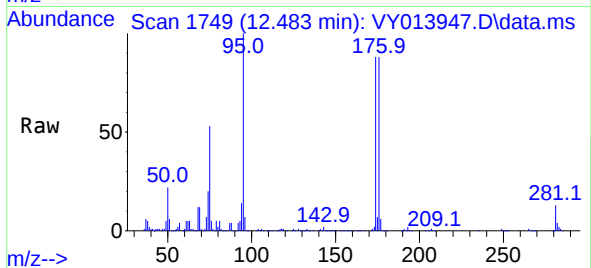
Tgt Ion: 98 Resp: 351444
Ion Ratio Lower Upper
98 100
100 62.5 50.8 76.2



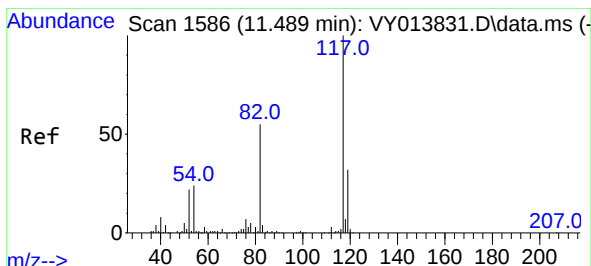
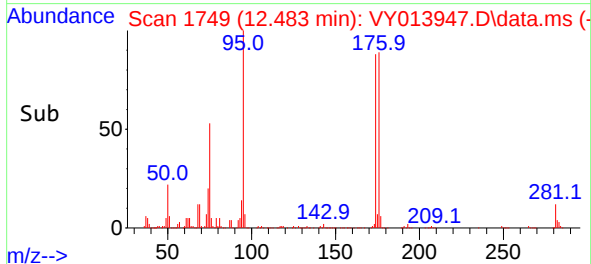
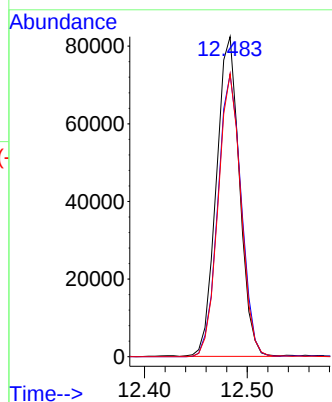


#62
4-Bromofluorobenzene
Concen: 55.248 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :

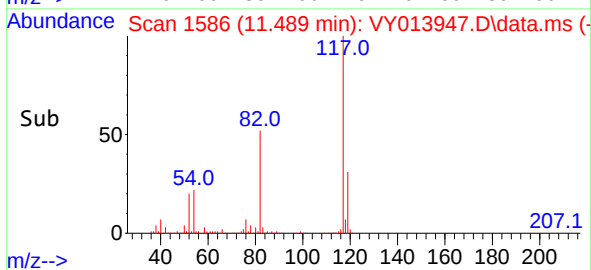
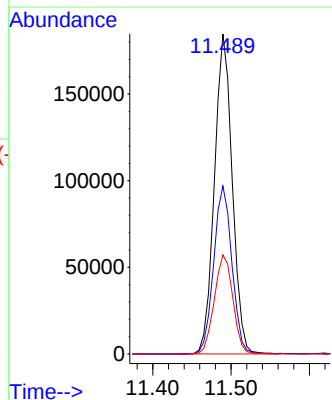
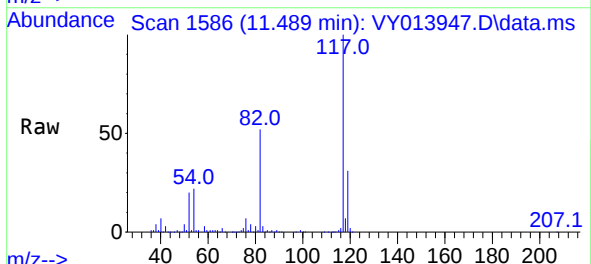


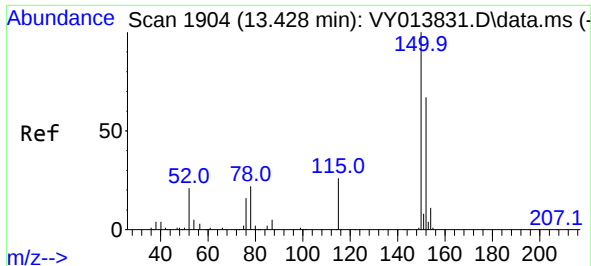
Tgt Ion: 95 Resp: 128780
Ion Ratio Lower Upper
95 100
174 89.1 0.0 176.0
176 87.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

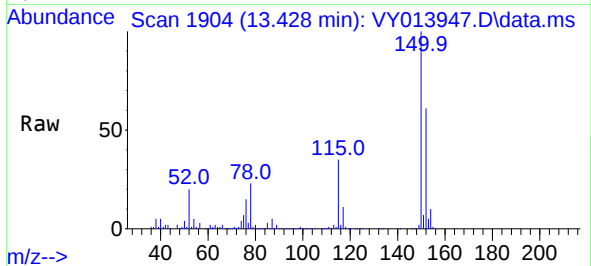
Tgt Ion: 117 Resp: 291898
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.4
119 31.0 25.7 38.5



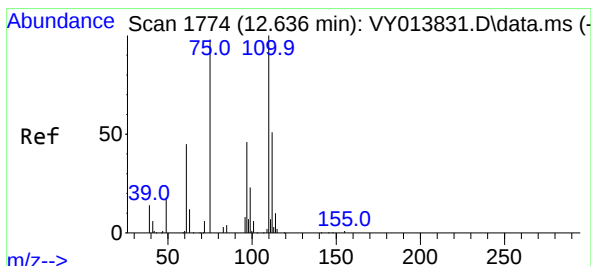
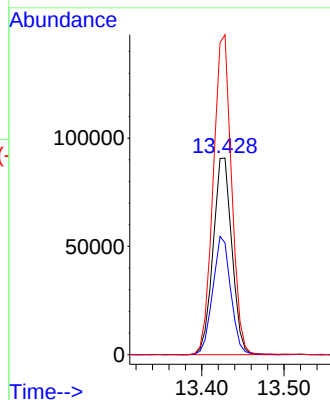
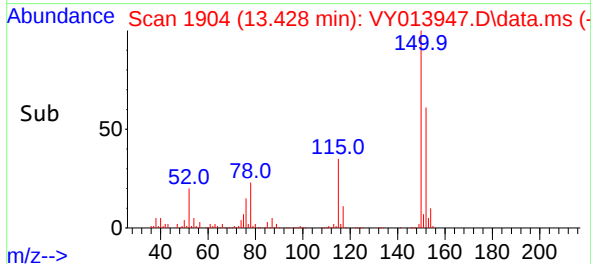


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :

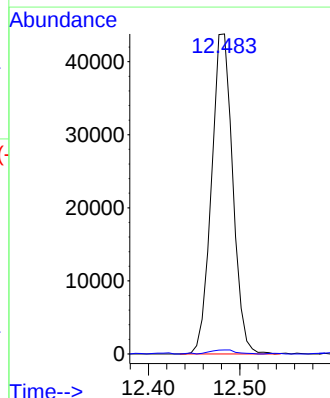
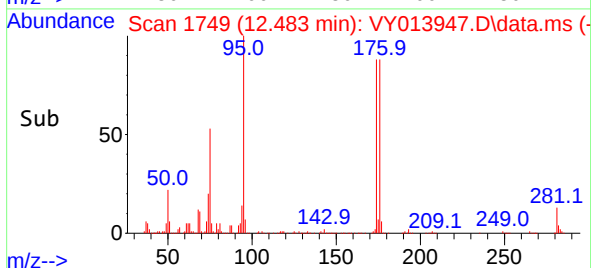
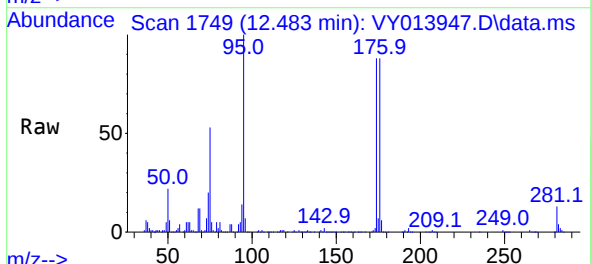


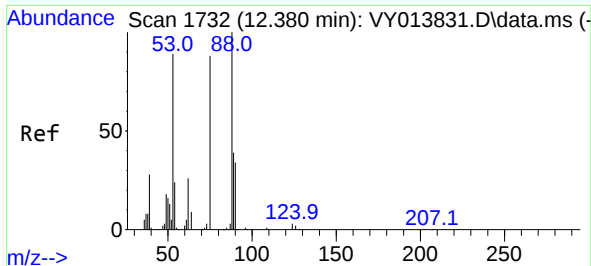
Tgt Ion:152 Resp: 144816
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 158.3 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 41.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Tgt Ion: 75 Resp: 70764
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

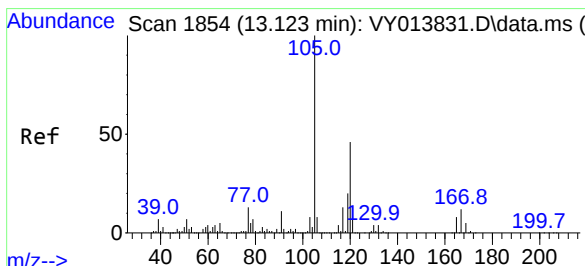
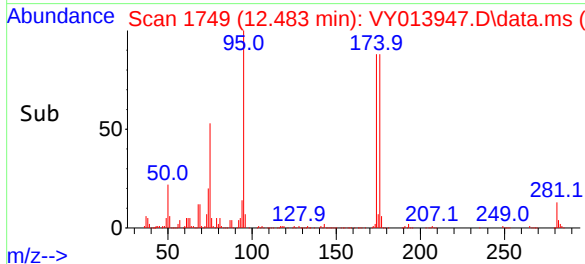
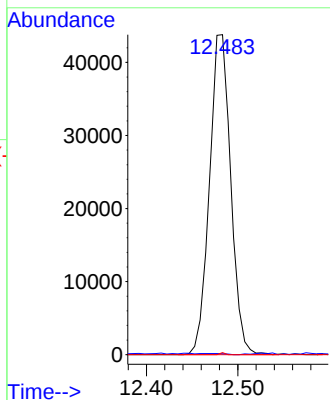
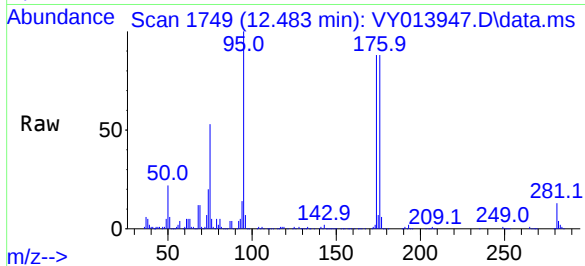




#81
trans-1,4-Dichloro-2-butene
Concen: 89.956 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

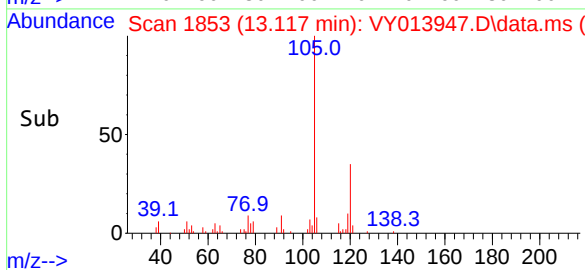
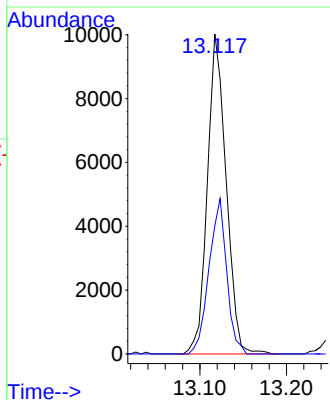
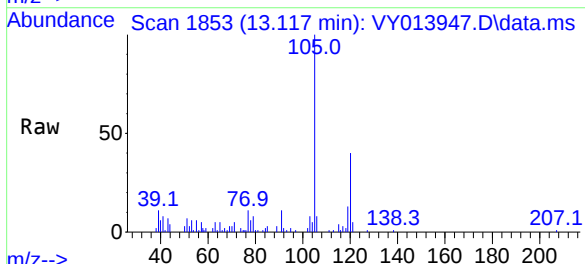
Instrument :
MSVOA_Y
ClientSampleId :

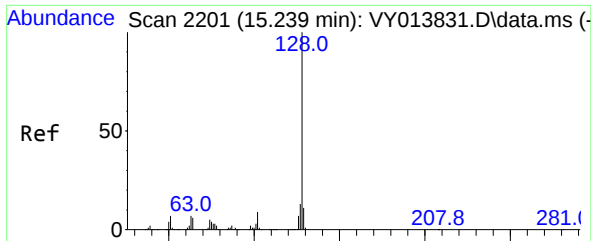
Tgt Ion: 75 Resp: 70764
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.1 36.4 54.6#



#84
1,2,4-Trimethylbenzene
Concen: 1.727 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

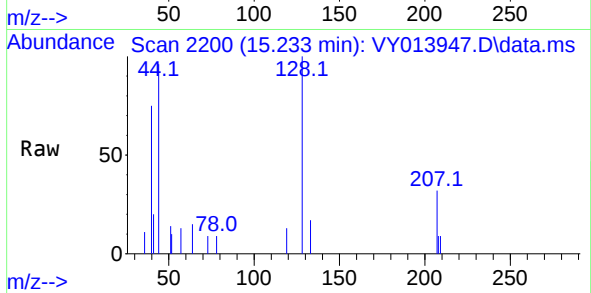
Tgt Ion: 105 Resp: 15087
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.3





#95
Naphthalene
Concen: 4.674 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013947.D
Acq: 31 May 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 853
Ion Ratio Lower Upper
128 100
127 3.6 10.7 16.1#
129 0.0 9.0 13.4#

