

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015470.D
 Acq On : 07 Sep 2023 16:29
 Operator : SY/MD
 Sample : 04336-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

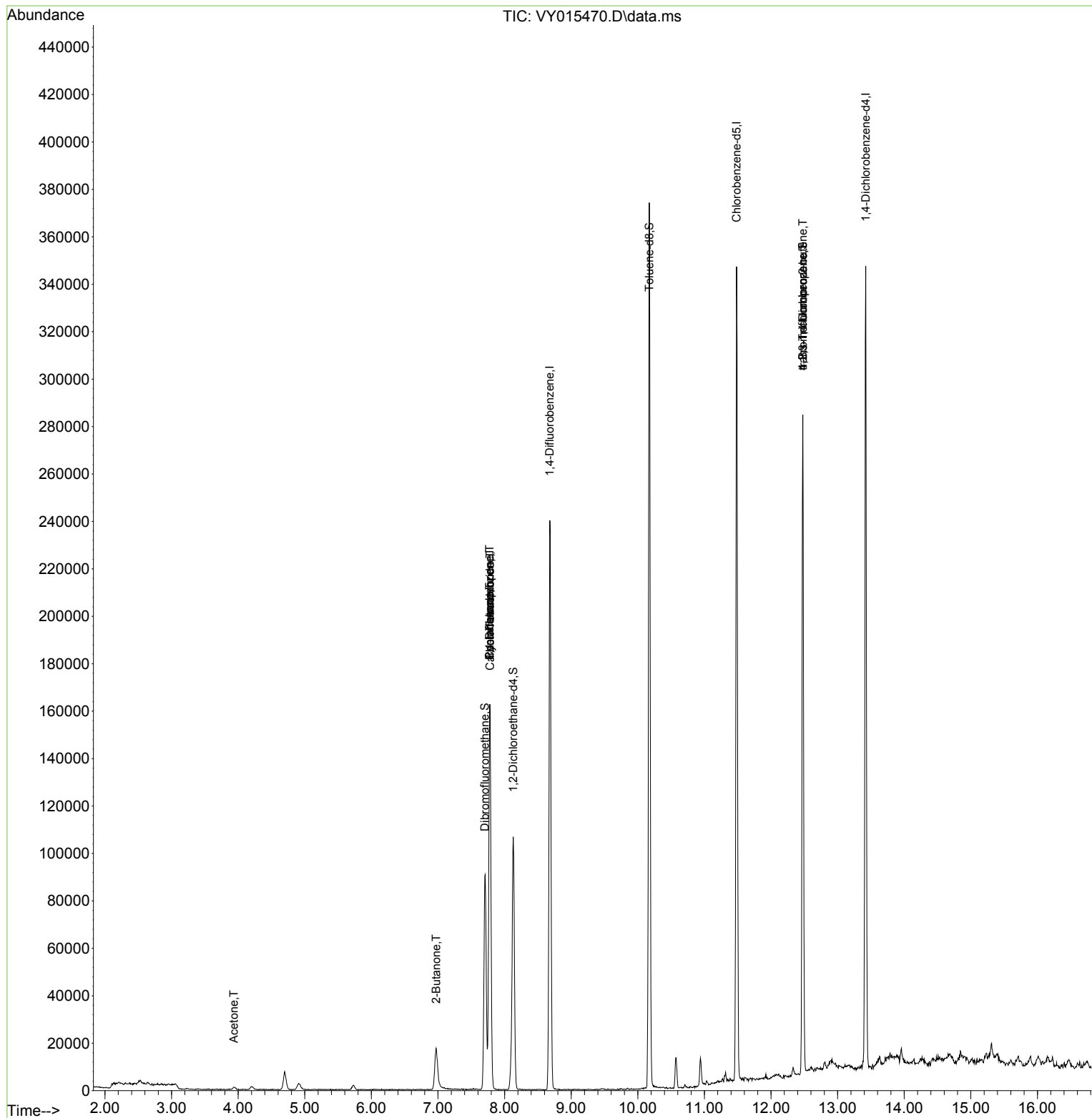
Internal Standards						
1) Pentafluorobenzene	7.777	168	126991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	207678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	183746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78349	57.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.100%
35) Dibromofluoromethane	7.704	113	65468	54.731	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.460%
50) Toluene-d8	10.173	98	240534	55.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.060%
62) 4-Bromofluorobenzene	12.477	95	81556	50.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.918	59	2828	Below Cal	#	89
16) Acetone	3.936	43	2070	3.643	ug/l	94
20) Methylene Chloride	4.698	84	5708	Below Cal		86
25) 2-Butanone	6.972	43	1072	1.330	ug/l	# 49
31) Cyclohexane	7.777	56	2724	1.126	ug/l	# 12
36) 1,1-Dichloropropene	7.777	75	10131	4.823	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	12368	5.701	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	43728	38.186	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	43728	84.233	ug/l	# 11

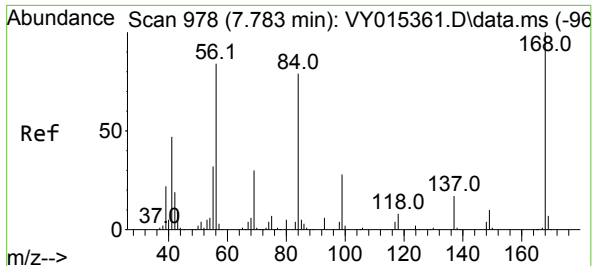
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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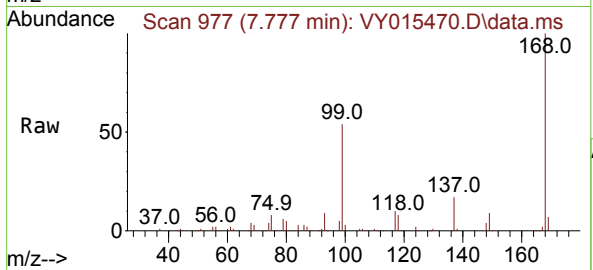
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



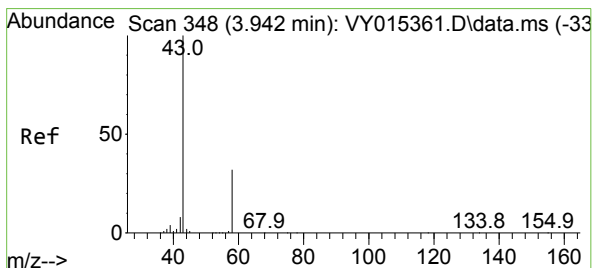
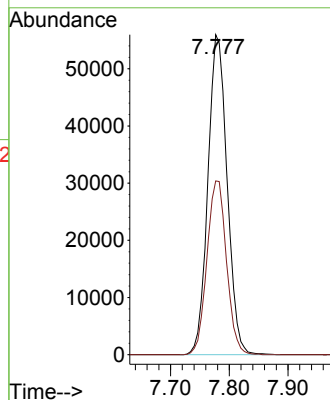
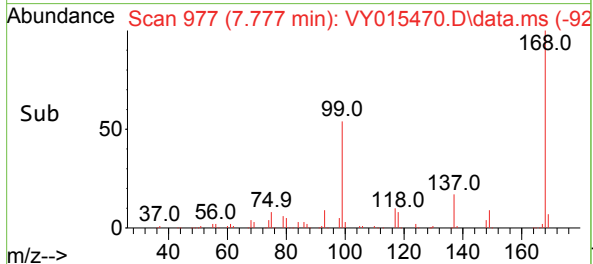


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :

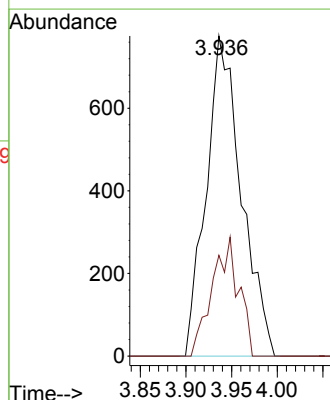
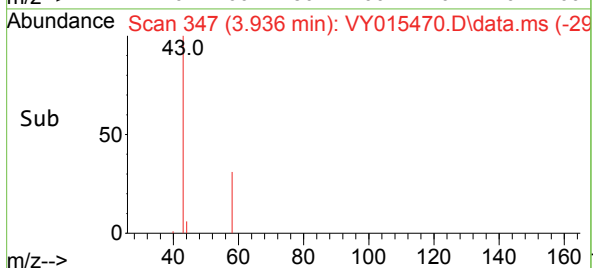
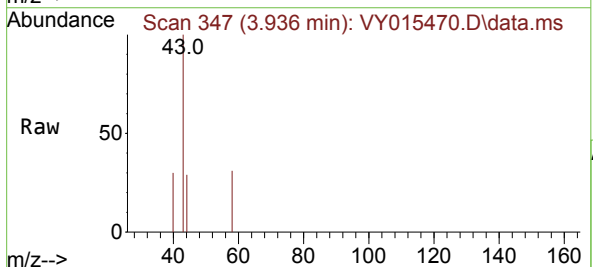


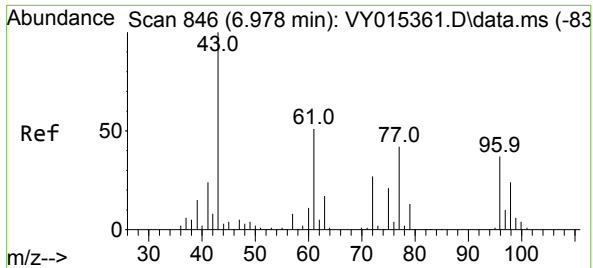
Tgt Ion:168 Resp: 126991
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 3.643 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1

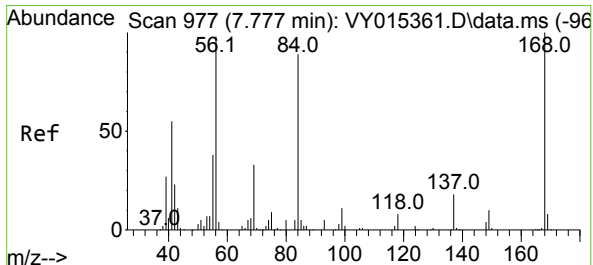
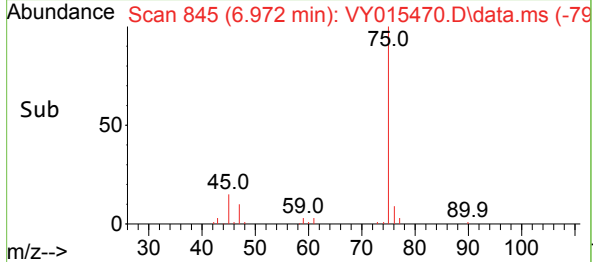
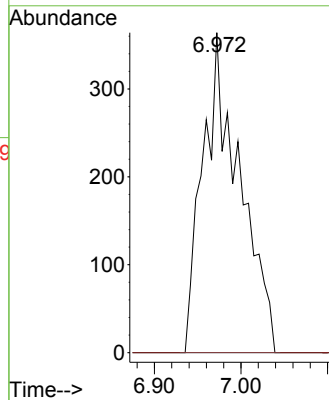
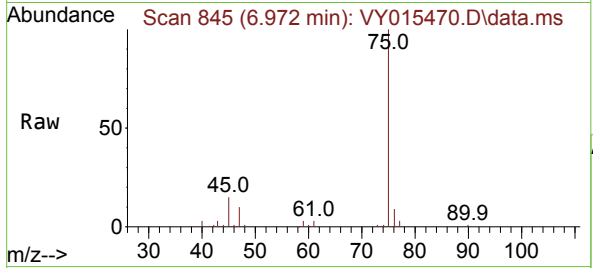




#25
2-Butanone
Concen: 1.330 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

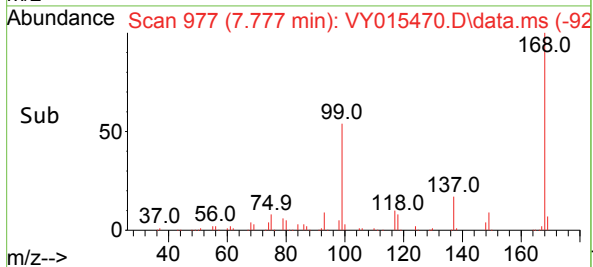
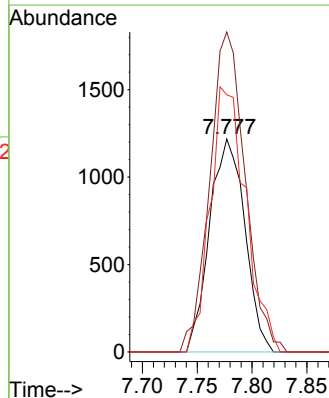
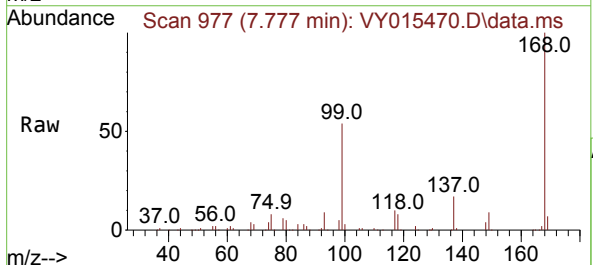
Instrument :
MSVOA_Y
ClientSampleId :

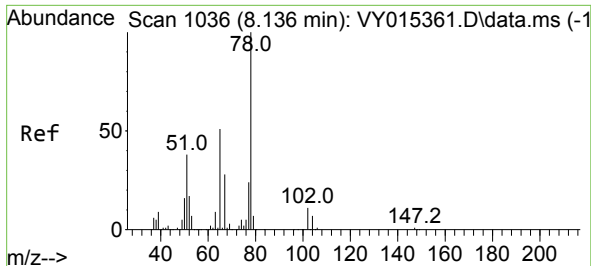
Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

Tgt Ion: 56 Resp: 2724
Ion Ratio Lower Upper
56 100
69 150.2 27.8 41.6#
84 120.7 66.4 99.6#

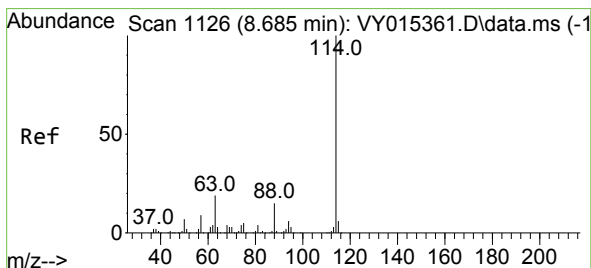
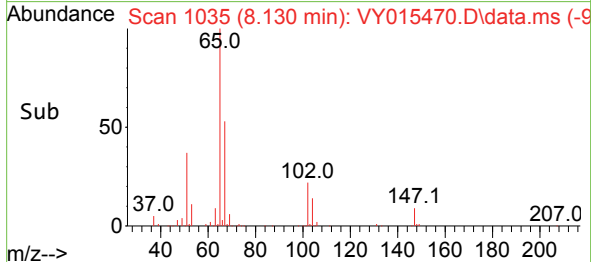
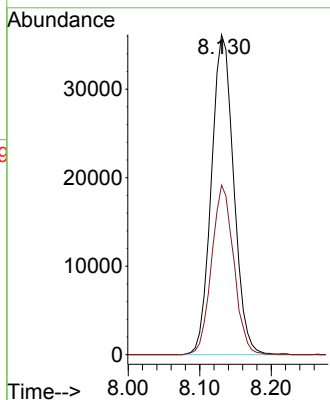
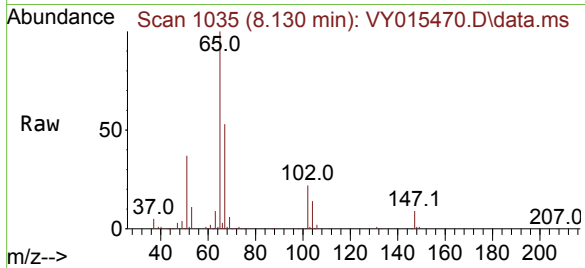




#33
 1,2-Dichloroethane-d4
 Concen: 57.553 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY015470.D
 Acq: 07 Sep 2023 16:29

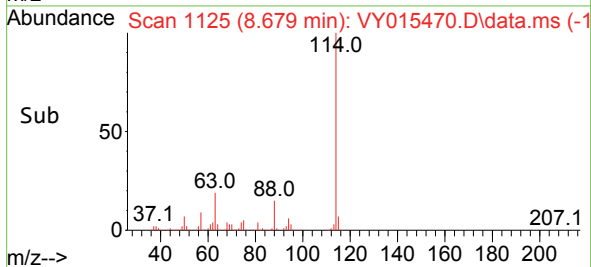
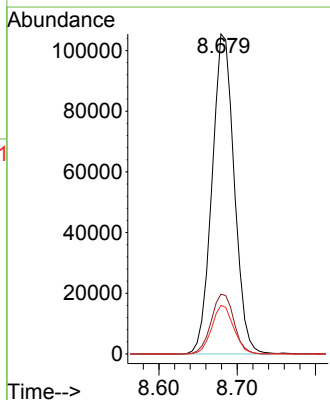
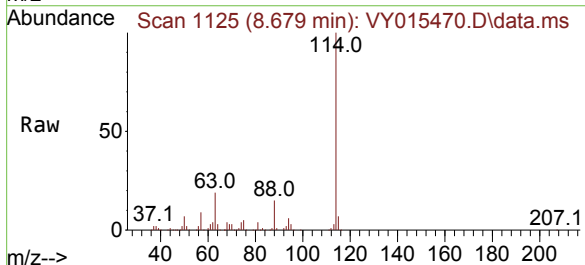
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 78349
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VY015470.D
 Acq: 07 Sep 2023 16:29

Tgt Ion:114 Resp: 207678
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 15.1 0.0 30.6

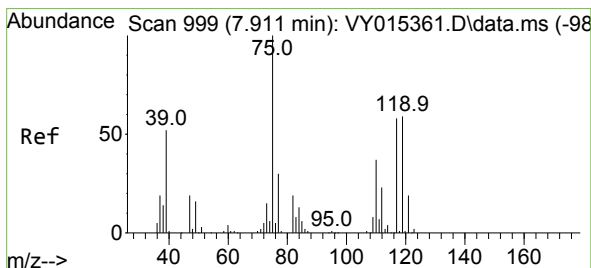
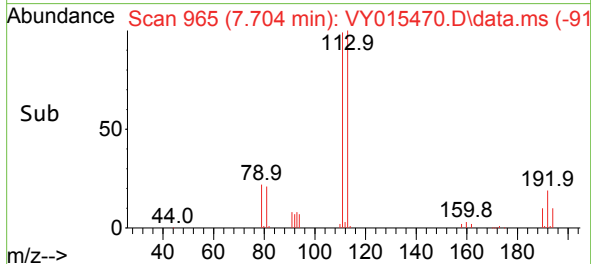
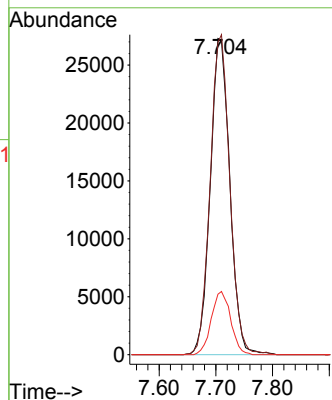
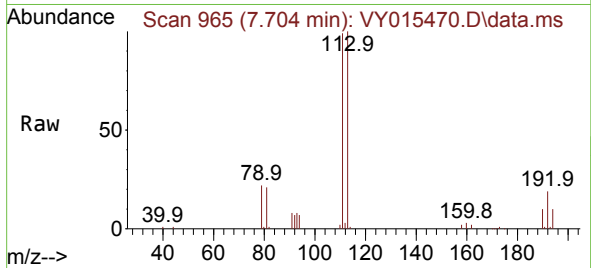




#35
Dibromofluoromethane
Concen: 54.731 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

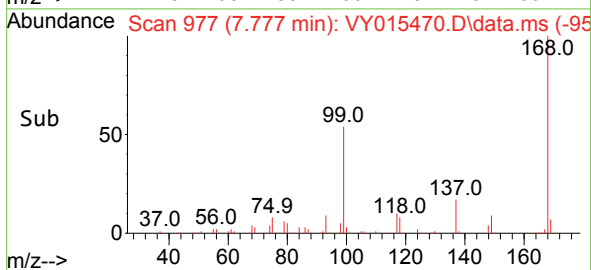
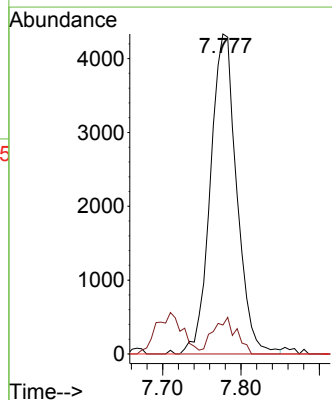
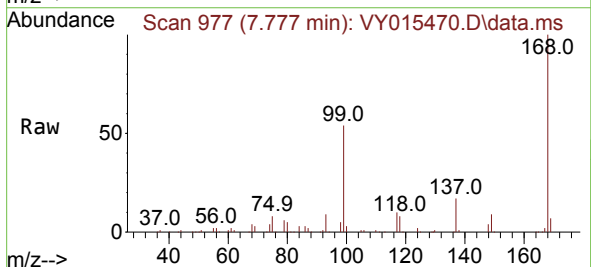
Instrument :
MSVOA_Y
ClientSampleId :

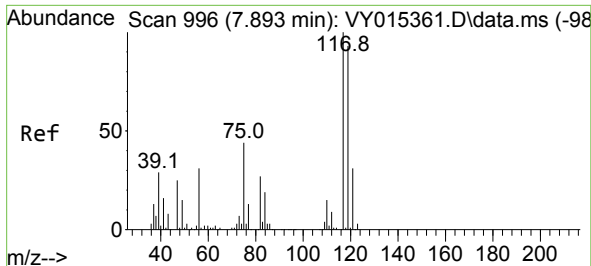
Tgt Ion:113 Resp: 65468
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

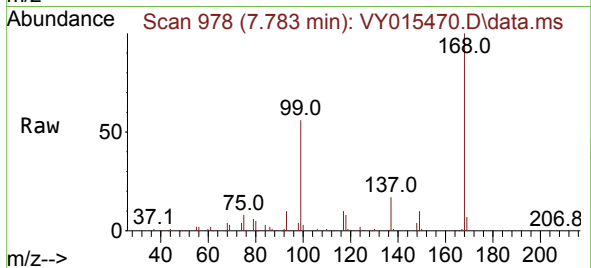
Tgt Ion: 75 Resp: 10131
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



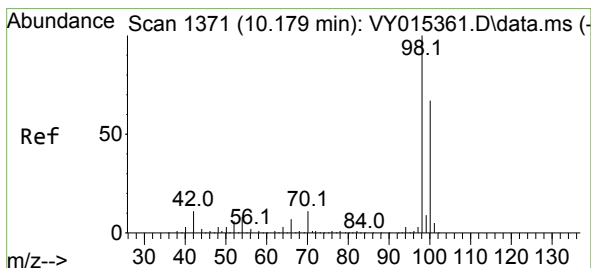
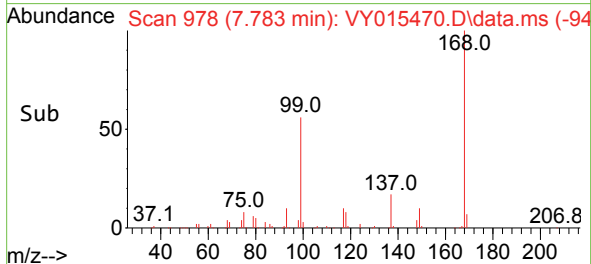
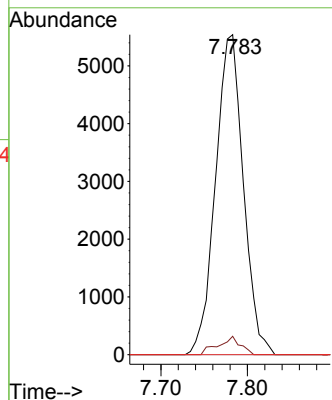


#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :

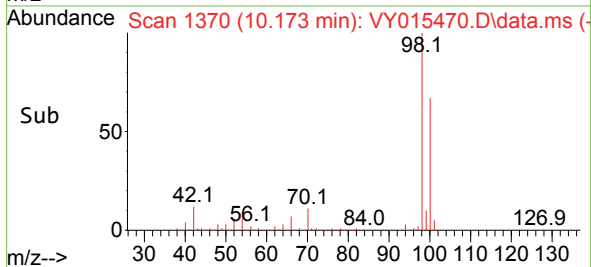
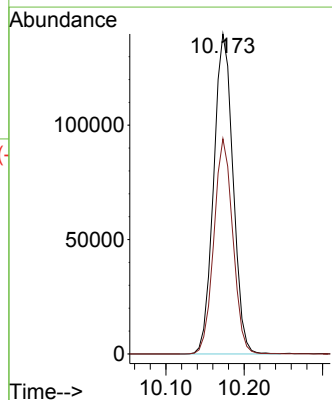
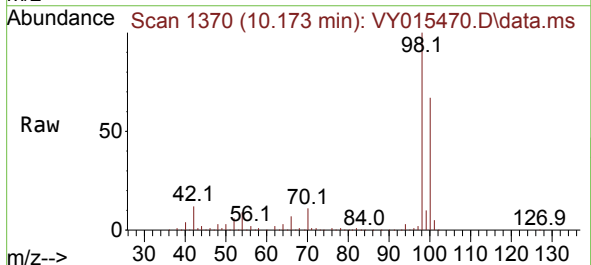


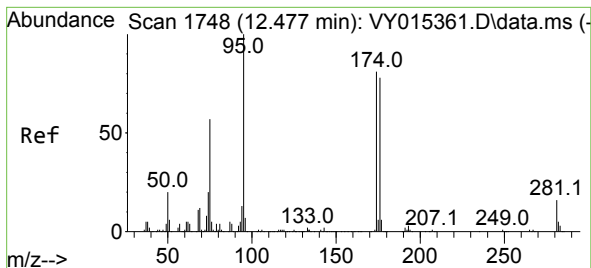
Tgt Ion:117 Resp: 12368
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.527 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

Tgt Ion: 98 Resp: 240534
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

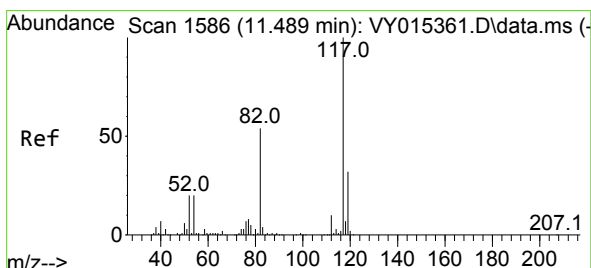
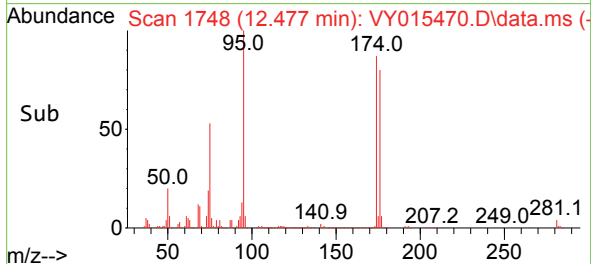
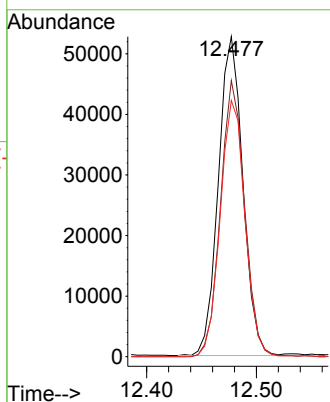
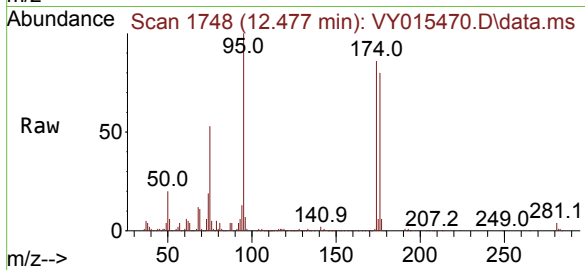




#62
4-Bromofluorobenzene
Concen: 50.715 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

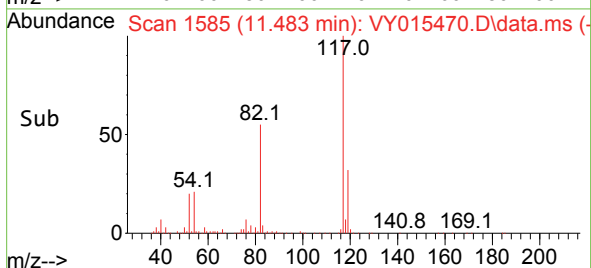
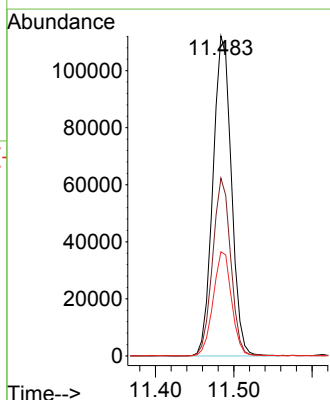
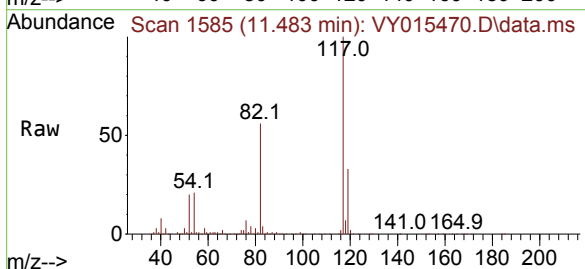
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MSVOA_Y
ClientSampleId :

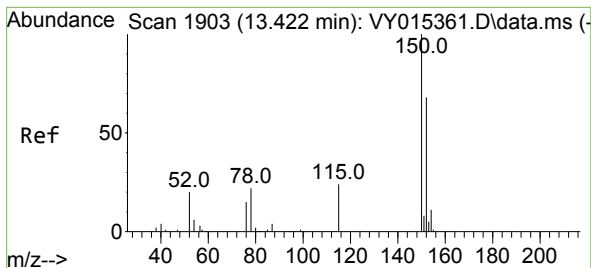
Tgt Ion: 95 Resp: 81556
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015470.D
Acq: 07 Sep 2023 16:29

Tgt Ion: 117 Resp: 183746
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.5 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: VY015470.D

Acq: 07 Sep 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

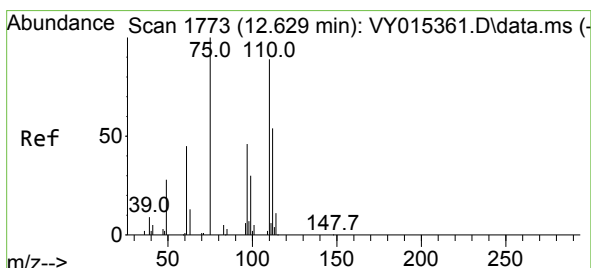
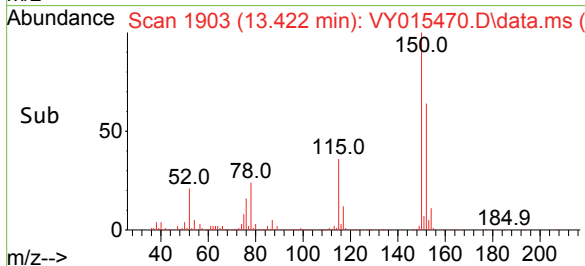
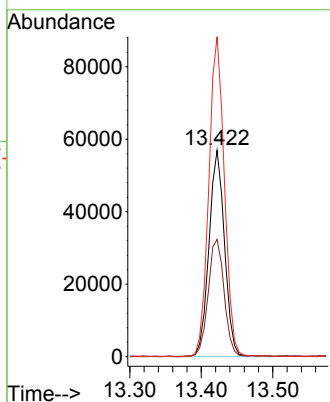
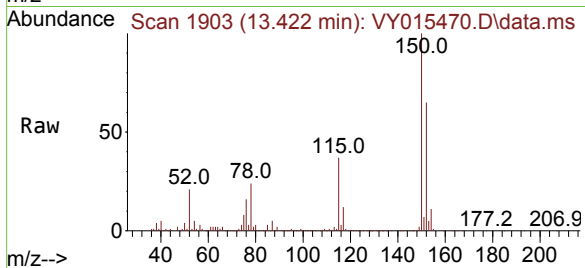
Tgt Ion:152 Resp: 86354

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 155.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.186 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015470.D

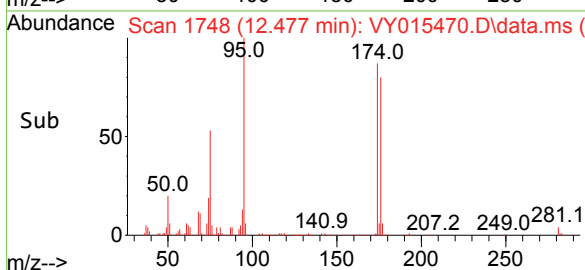
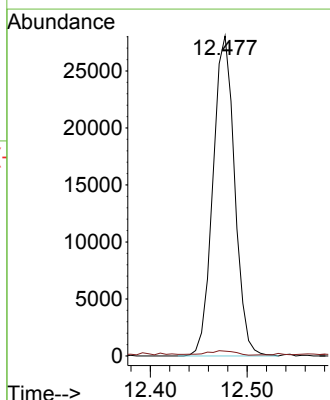
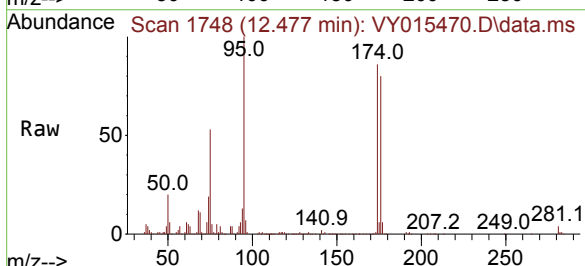
Acq: 07 Sep 2023 16:29

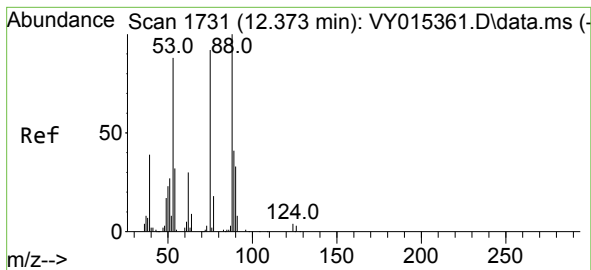
Tgt Ion: 75 Resp: 43728

Ion Ratio Lower Upper

75 100

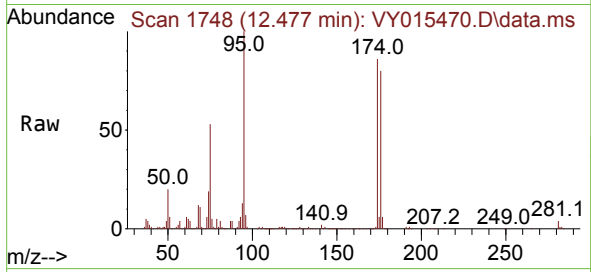
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.233 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015470.D
 Acq: 07 Sep 2023 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43728
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.2 37.4 56.0#

