

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015478.D
 Acq On : 07 Sep 2023 19:46
 Operator : SY/MD
 Sample : 04335-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:12:53 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)

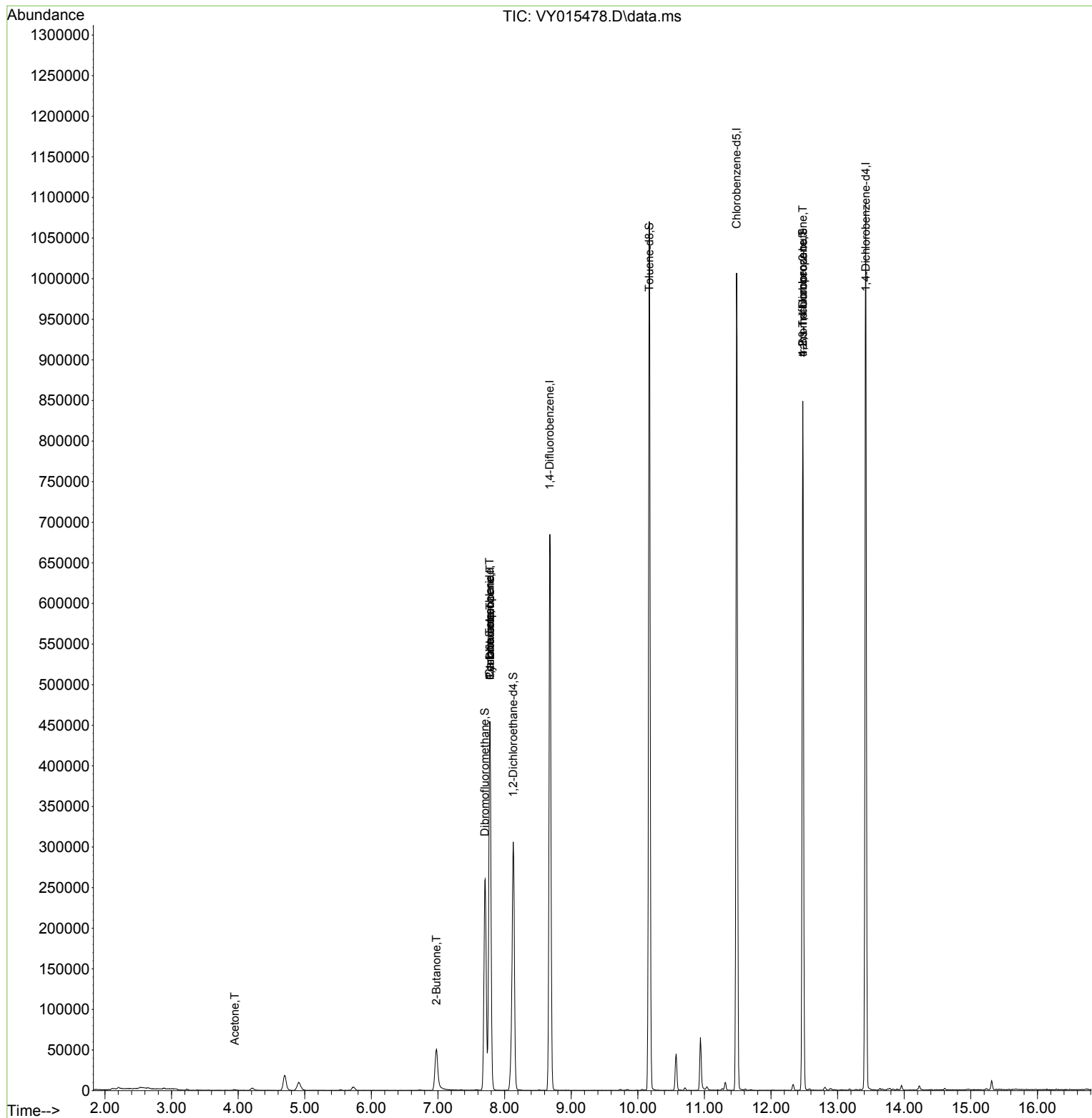
Internal Standards						
1) Pentafluorobenzene	7.783	168	361483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	592445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	533840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	265144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	226449	58.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.703	113	184998	54.214	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.420%
50) Toluene-d8	10.172	98	683281	55.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.580%
62) 4-Bromofluorobenzene	12.477	95	244792	53.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.720%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.917	59	10305	Below Cal	#	89
16) Acetone	3.948	43	1737	1.074	ug/l #	54
20) Methylene Chloride	4.698	84	14142	Below Cal		92
25) 2-Butanone	6.978	43	3048	1.329	ug/l	93
31) Cyclohexane	7.783	56	7391	1.074	ug/l #	11
36) 1,1-Dichloropropene	7.783	75	28033	4.679	ug/l #	50
38) Carbon Tetrachloride	7.777	117	36155	5.842	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	130058	36.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	130058	81.595	ug/l #	10

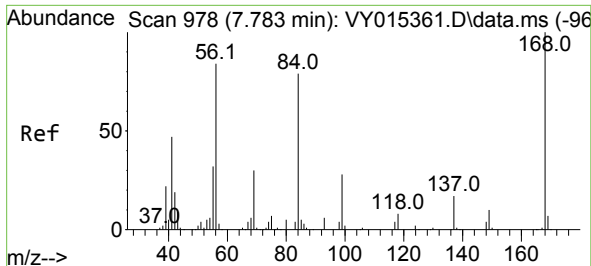
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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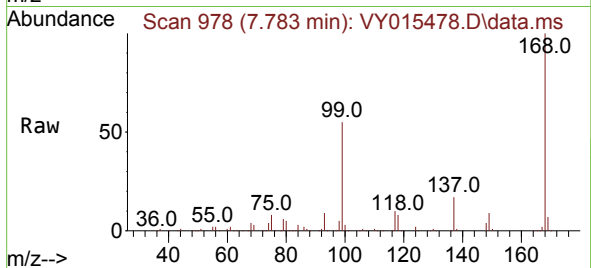
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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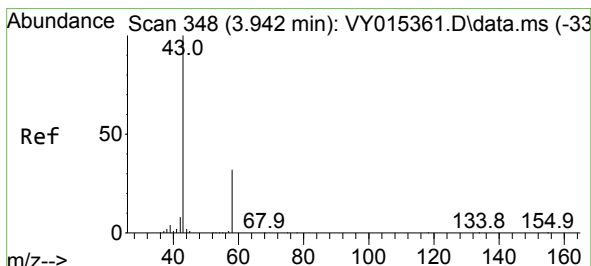
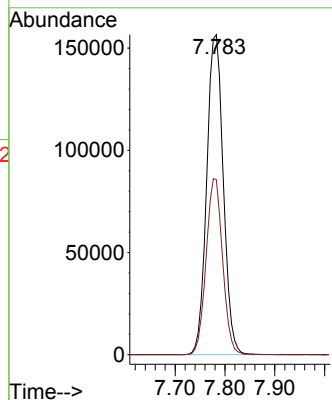
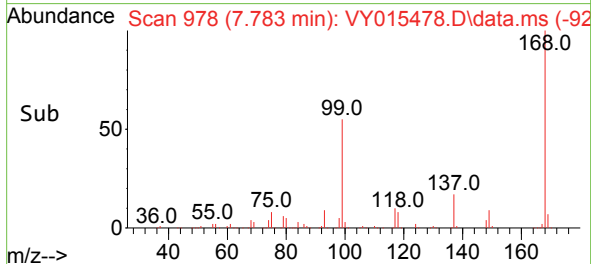


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

Instrument :
MSVOA_Y
ClientSampleId :

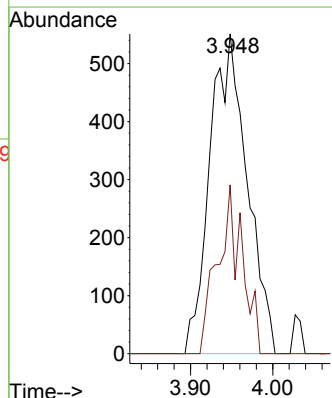
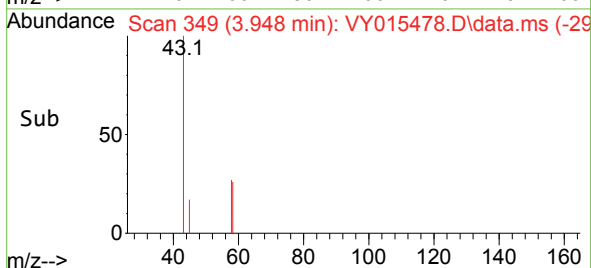
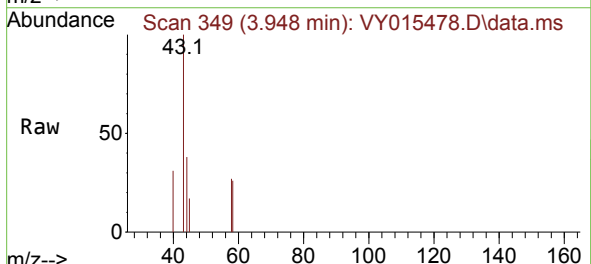


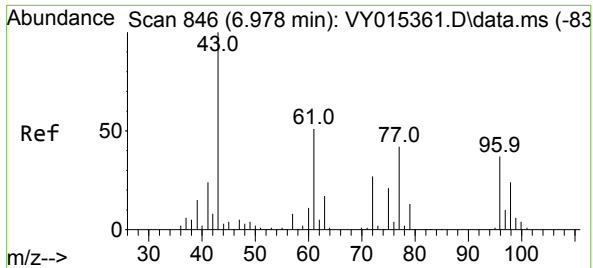
Tgt Ion:168 Resp: 361483
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#16
Acetone
Concen: 1.074 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
58 52.8 22.7 34.1#

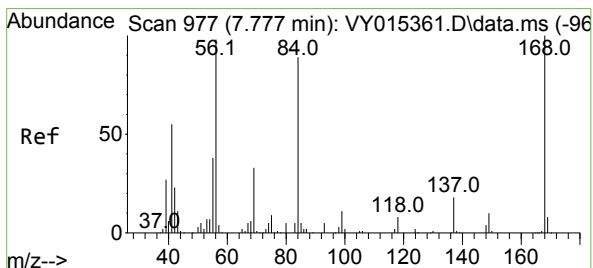
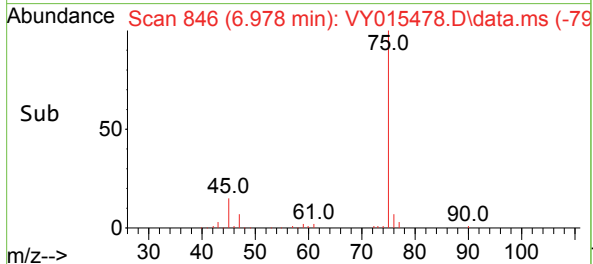
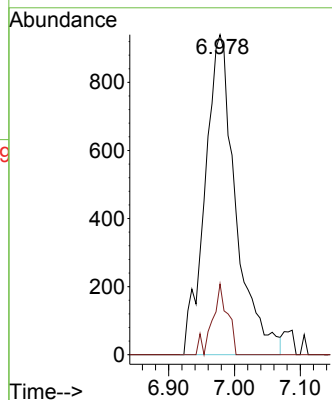
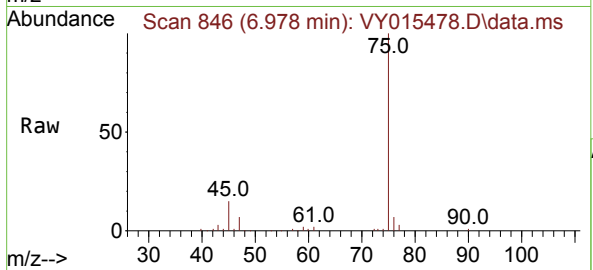




#25
2-Butanone
Concen: 1.329 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

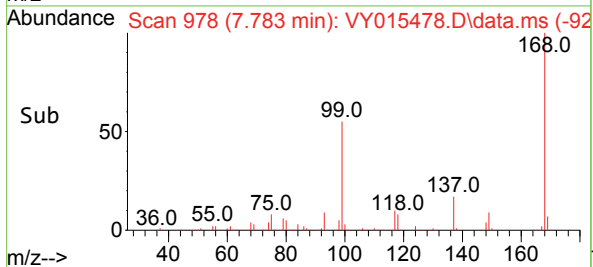
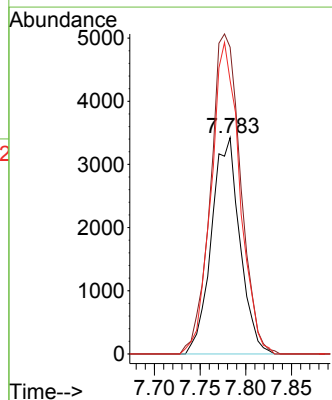
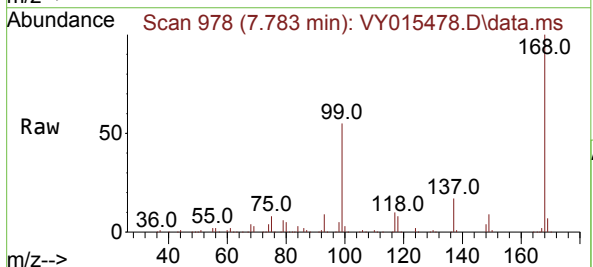
Instrument :
MSVOA_Y
ClientSampleId :

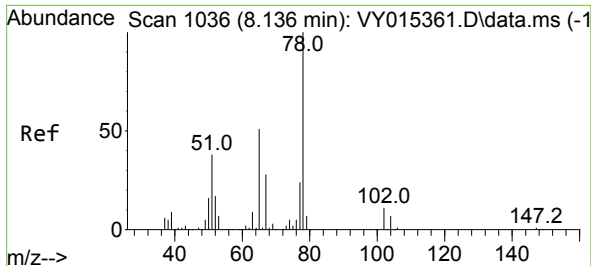
Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
72 22.1 20.5 30.7



#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

Tgt Ion: 56 Resp: 7391
Ion Ratio Lower Upper
56 100
69 141.8 27.8 41.6#
84 126.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.438 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY015478.D

Acq: 07 Sep 2023 19:46

Instrument :

MSVOA_Y

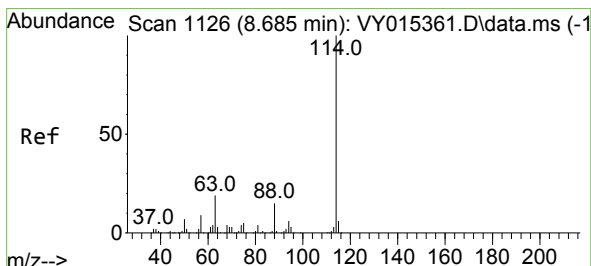
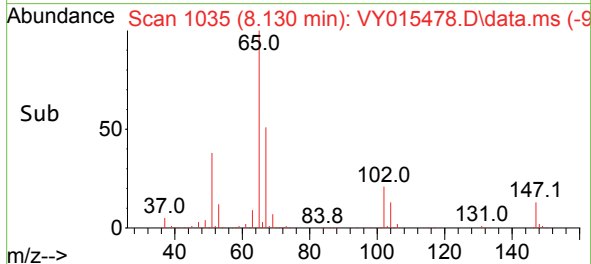
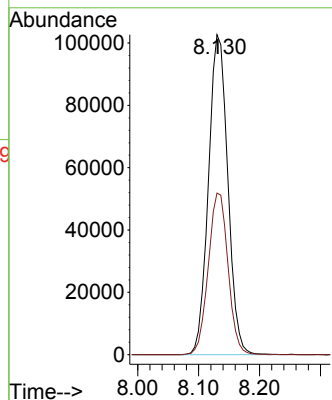
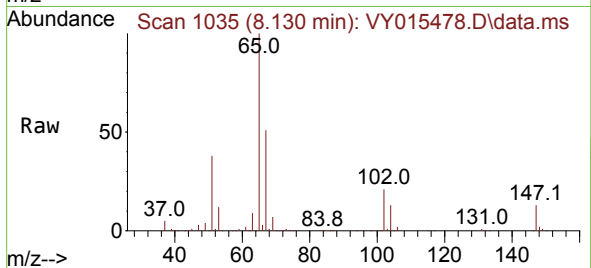
ClientSampleId :

Tgt Ion: 65 Resp: 226449

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015478.D

Acq: 07 Sep 2023 19:46

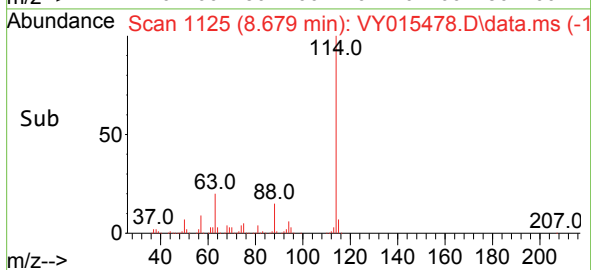
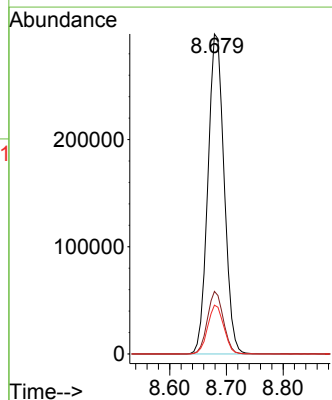
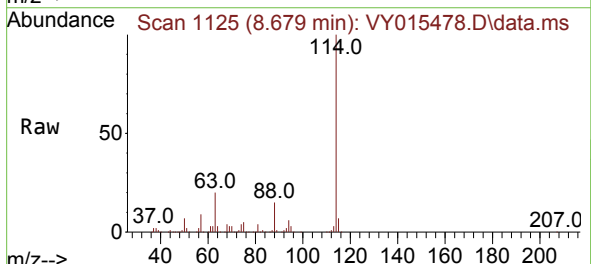
Tgt Ion: 114 Resp: 592445

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.3 0.0 30.6

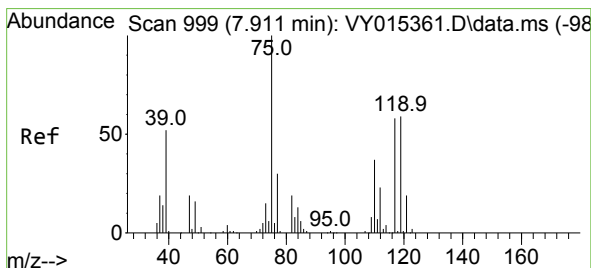
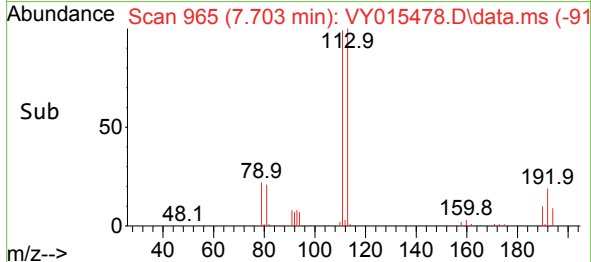
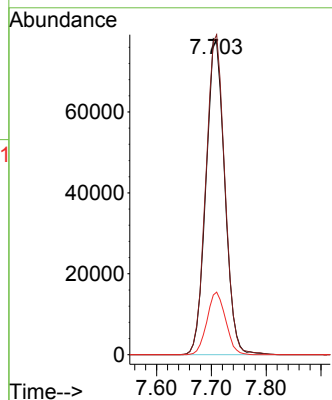
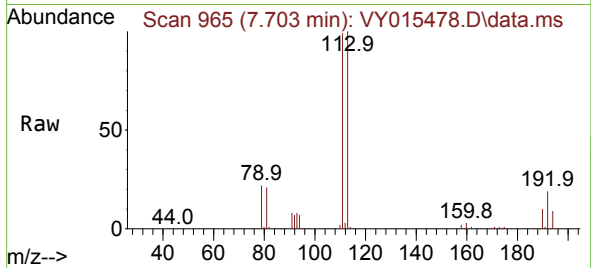




#35
Dibromofluoromethane
Concen: 54.214 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

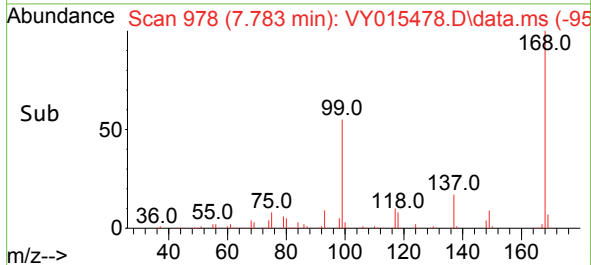
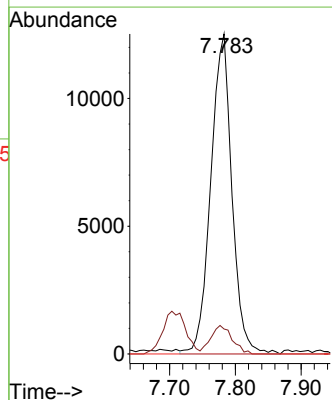
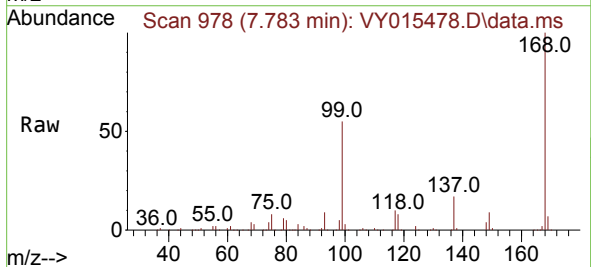
Instrument :
MSVOA_Y
ClientSampleId :

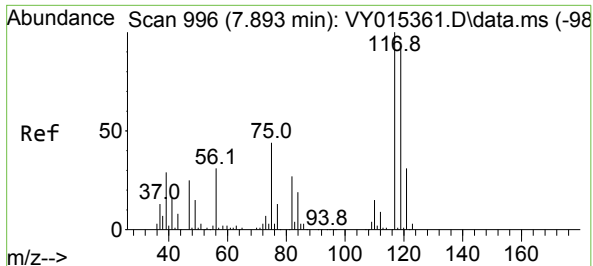
Tgt Ion:113 Resp: 184998
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

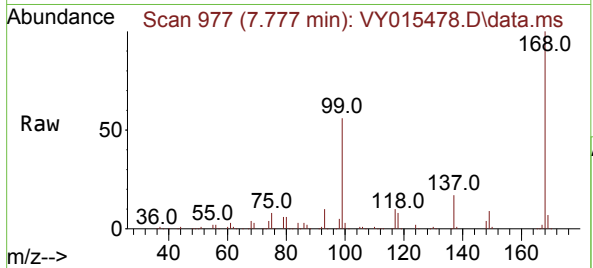
Tgt Ion: 75 Resp: 28033
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



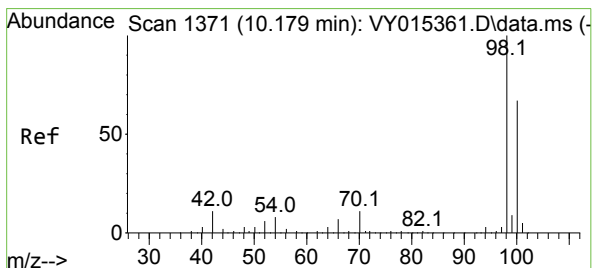
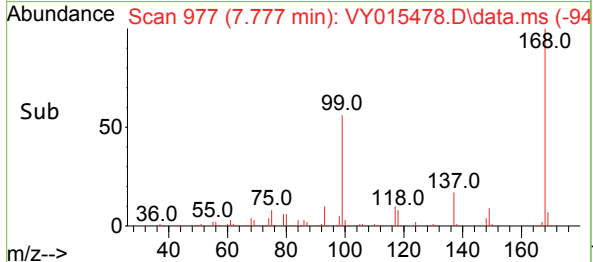
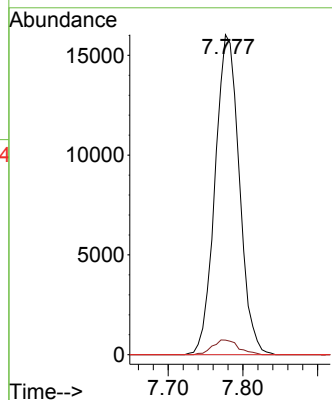


#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

Instrument :
MSVOA_Y
ClientSampleId :

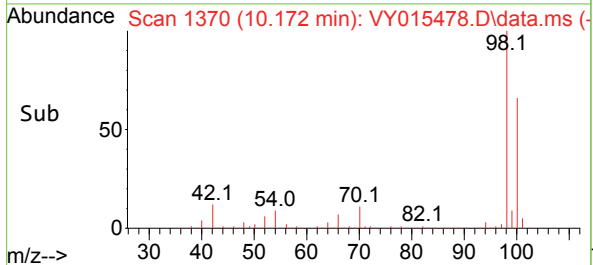
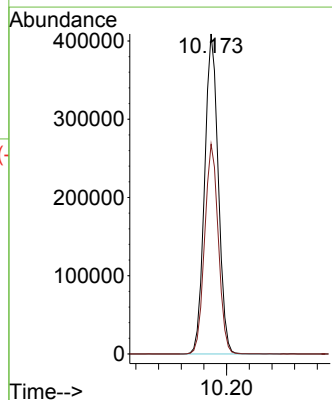
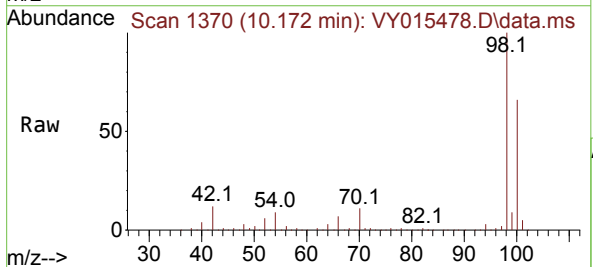


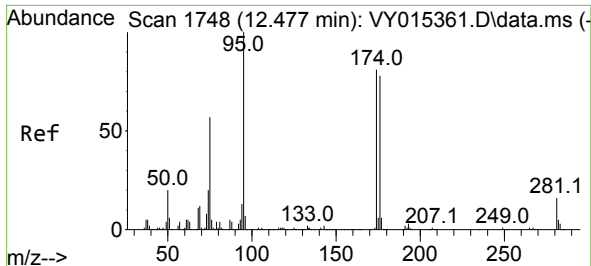
Tgt Ion:117 Resp: 36155
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.293 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

Tgt Ion: 98 Resp: 683281
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

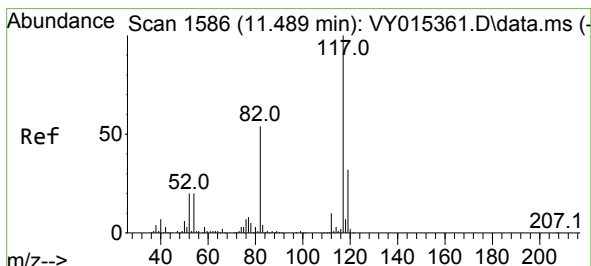
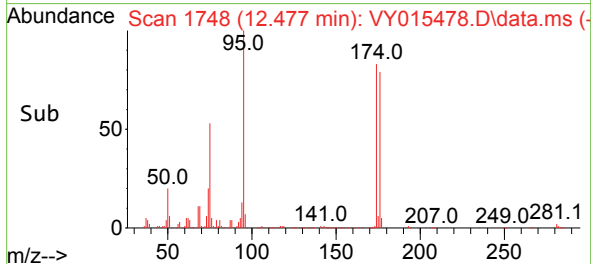
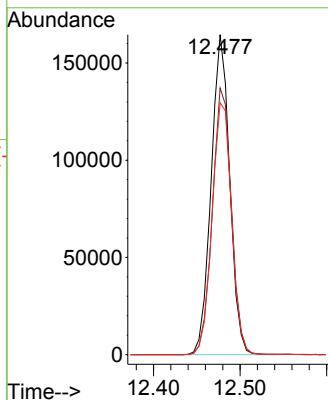
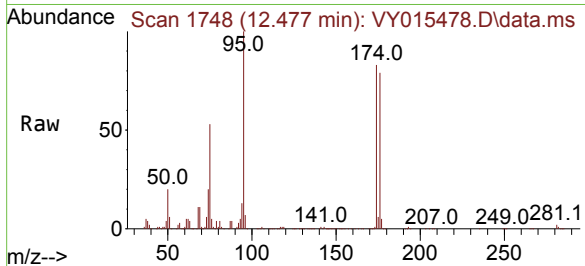




#62
4-Bromofluorobenzene
Concen: 53.360 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

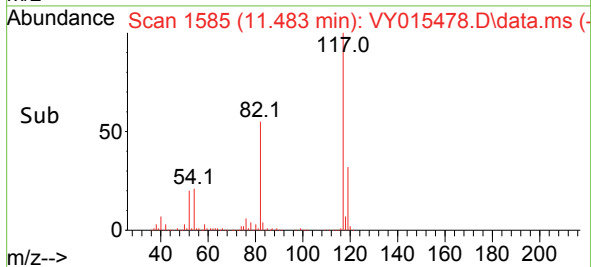
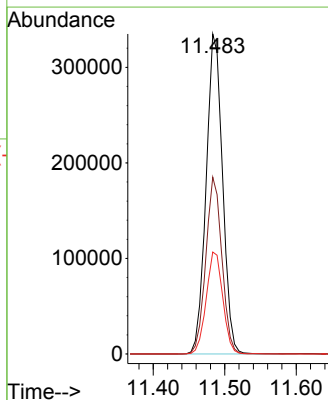
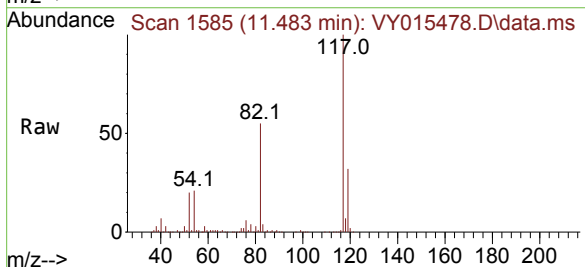
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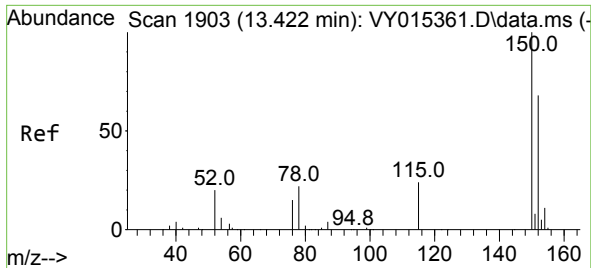
Tgt Ion: 95 Resp: 244792
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

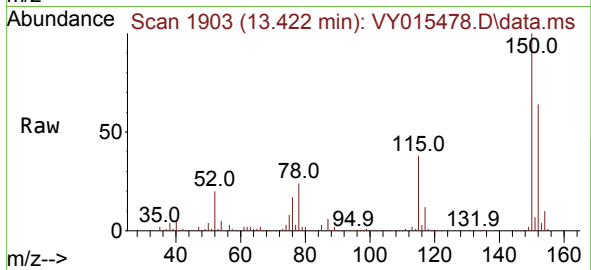
Tgt Ion: 117 Resp: 533840
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.9 26.3 39.5



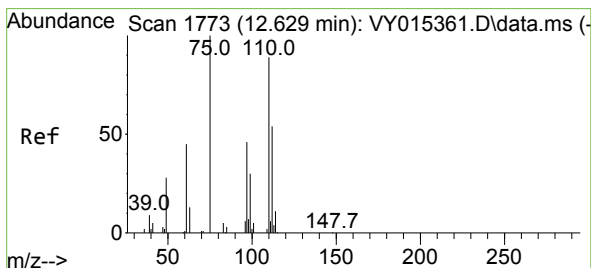
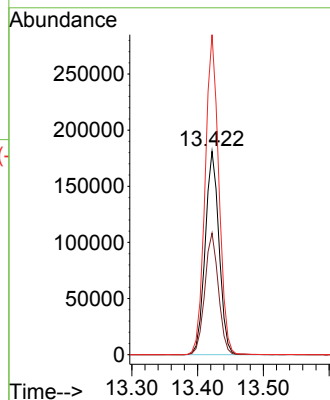
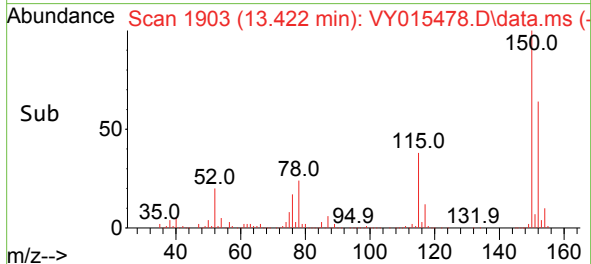


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015478.D
 Acq: 07 Sep 2023 19:46

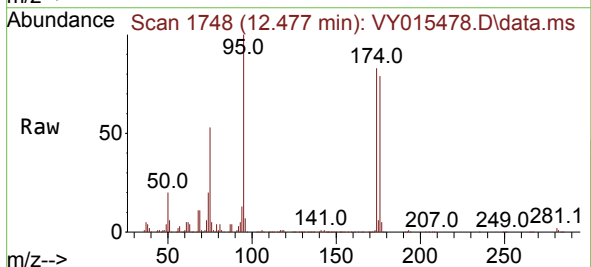
Instrument :
 MSVOA_Y
 ClientSampleId :



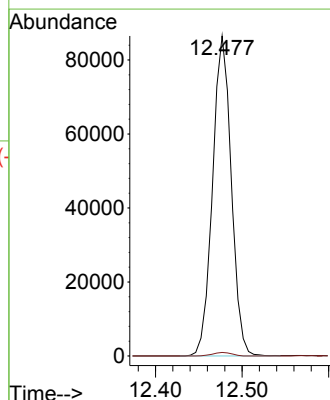
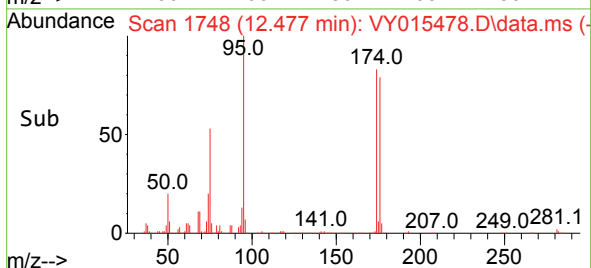
Tgt Ion:152 Resp: 265144
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.8 86.5
 150 156.2 0.0 348.8

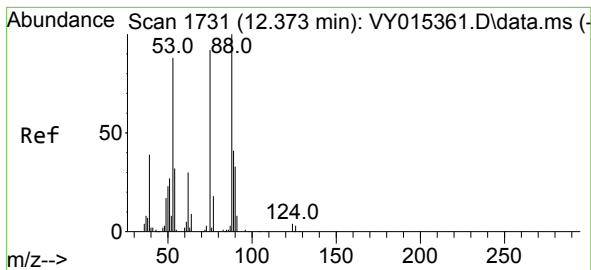


#76
 1,2,3-Trichloropropane
 Concen: 36.989 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY015478.D
 Acq: 07 Sep 2023 19:46



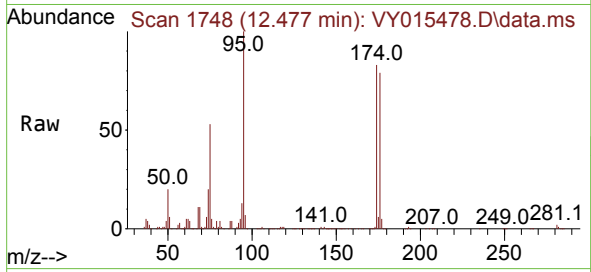
Tgt Ion: 75 Resp: 130058
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.595 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015478.D
 Acq: 07 Sep 2023 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 130058
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

