

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015469.D
 Acq On : 07 Sep 2023 16:04
 Operator : SY/MD
 Sample : 04336-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:10:01 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)

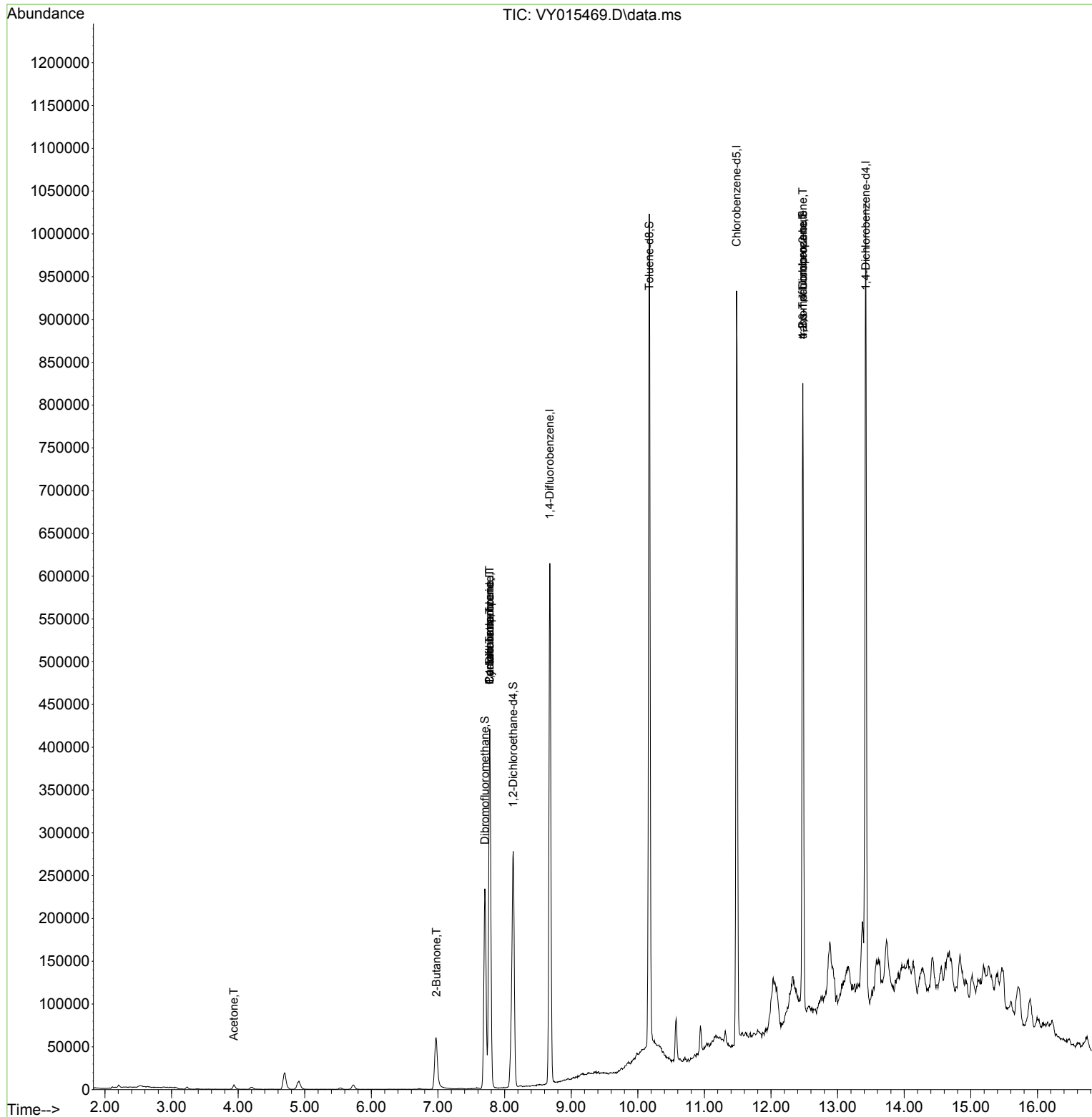
Internal Standards						
1) Pentafluorobenzene	7.777	168	322277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	522581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	470236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	225838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	192082	55.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.200%
35) Dibromofluoromethane	7.704	113	161274	53.580	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.160%
50) Toluene-d8	10.173	98	616638	56.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.140%
62) 4-Bromofluorobenzene	12.477	95	215678	53.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.600%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.911	59	9940	Below Cal	#	91
16) Acetone	3.936	43	8392	5.820	ug/l	94
20) Methylene Chloride	4.692	84	14364	Below Cal		85
25) 2-Butanone	6.978	43	3816	1.866	ug/l #	70
31) Cyclohexane	7.777	56	6740	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	24089	4.558	ug/l #	51
38) Carbon Tetrachloride	7.777	117	32299	5.917	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	113323	37.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	113323	83.469	ug/l #	11

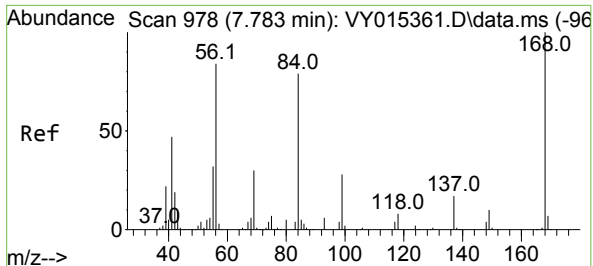
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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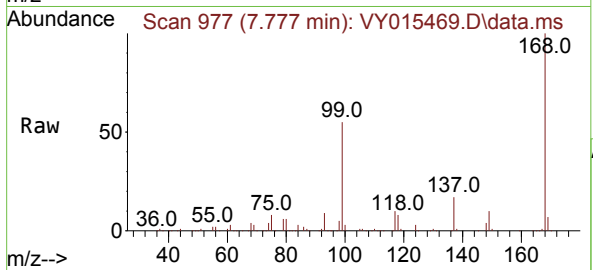
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



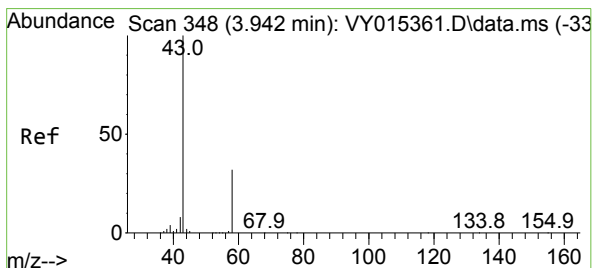
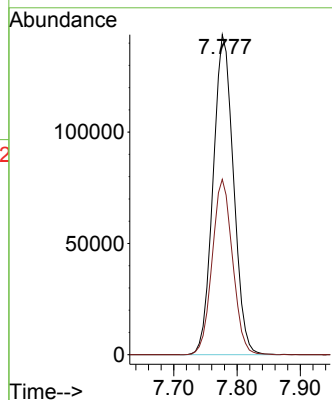
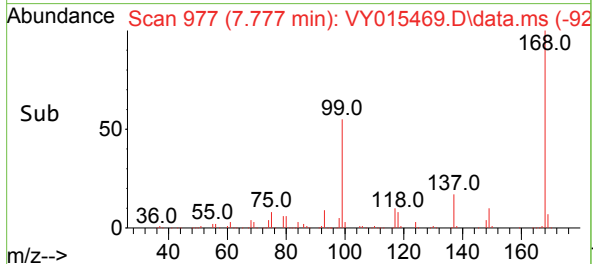


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

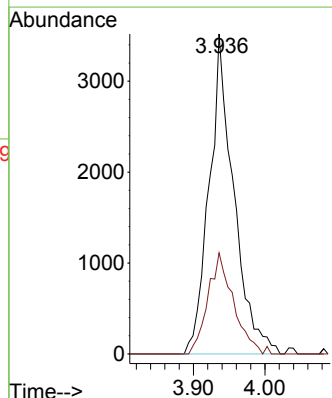
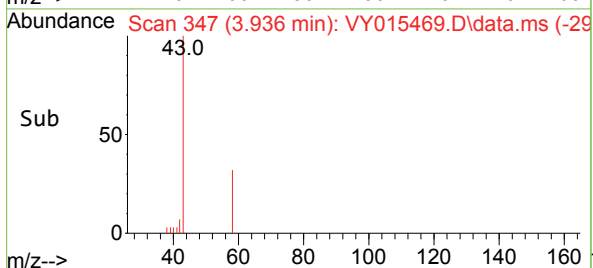
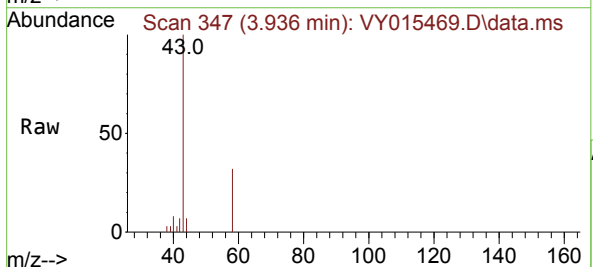


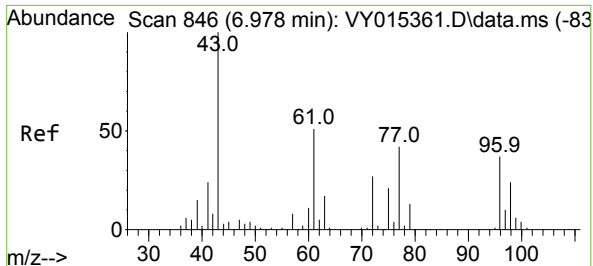
Tgt Ion:168 Resp: 322277
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 5.820 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Tgt Ion: 43 Resp: 8392
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1





#25

2-Butanone

Concen: 1.866 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015469.D

Acq: 07 Sep 2023 16:04

Instrument :

MSVOA_Y

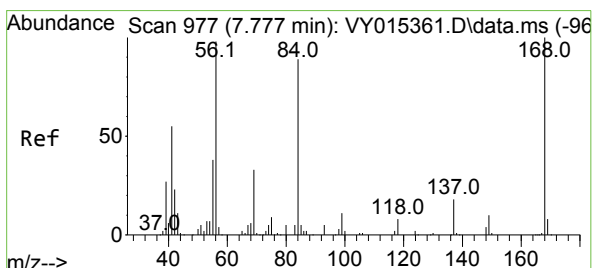
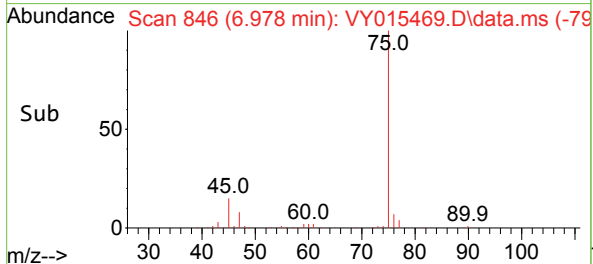
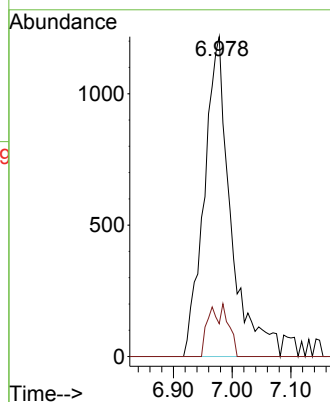
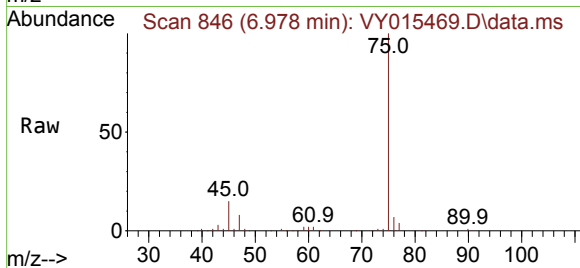
ClientSampleId :

Tgt Ion: 43 Resp: 3816

Ion Ratio Lower Upper

43 100

72 10.3 20.5 30.7#



#31

Cyclohexane

Concen: 1.098 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY015469.D

Acq: 07 Sep 2023 16:04

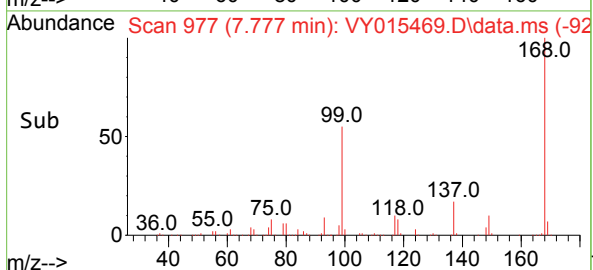
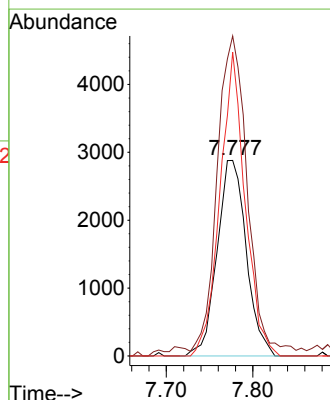
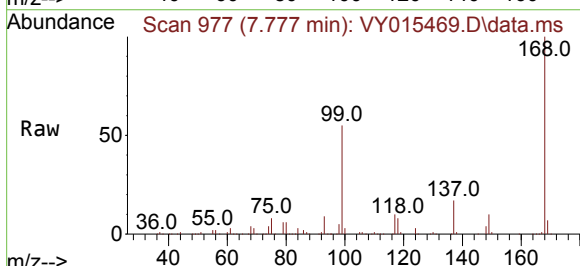
Tgt Ion: 56 Resp: 6740

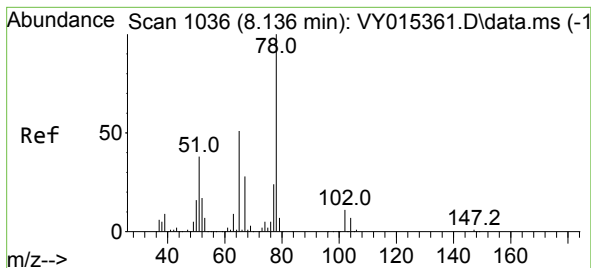
Ion Ratio Lower Upper

56 100

69 159.4 27.8 41.6#

84 155.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.599 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY015469.D

Acq: 07 Sep 2023 16:04

Instrument :

MSVOA_Y

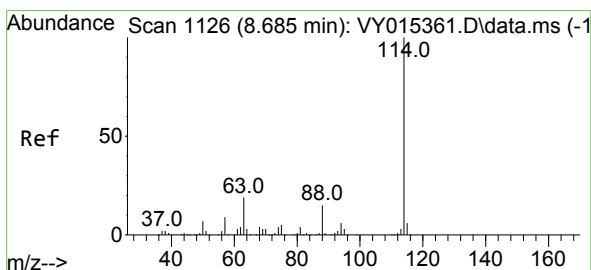
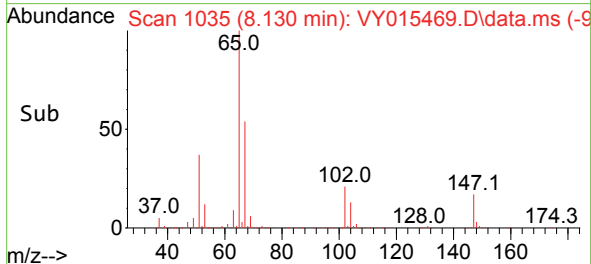
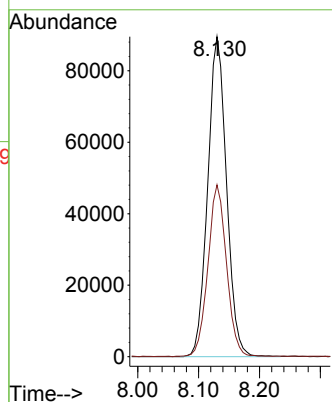
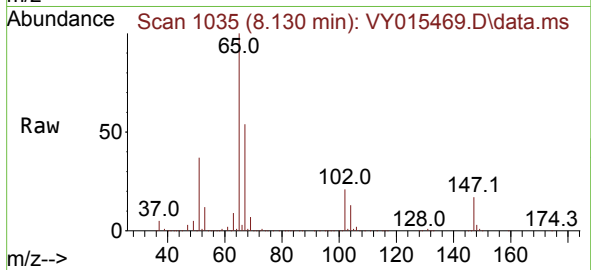
ClientSampleId :

Tgt Ion: 65 Resp: 192082

Ion Ratio Lower Upper

65 100

67 53.2 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: VY015469.D

Acq: 07 Sep 2023 16:04

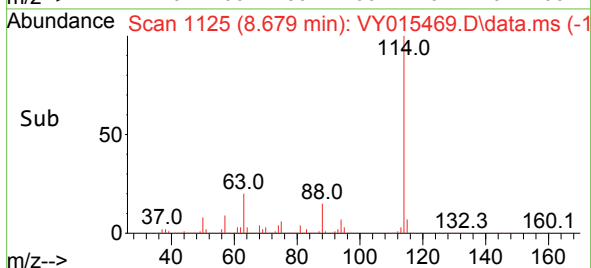
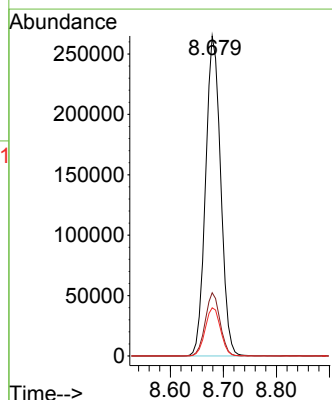
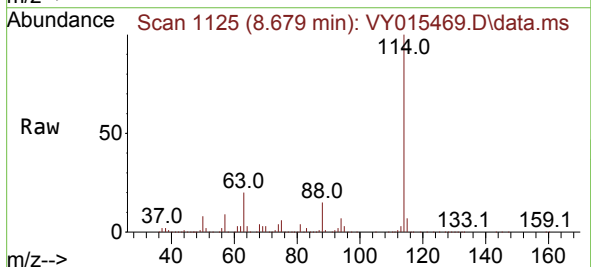
Tgt Ion: 114 Resp: 522581

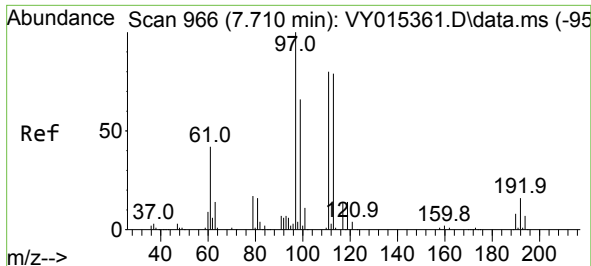
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

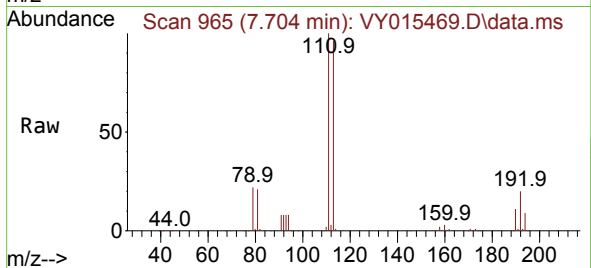
88 15.0 0.0 30.6



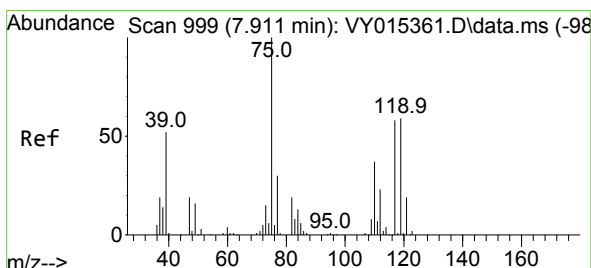
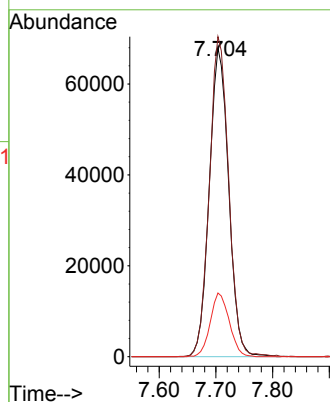
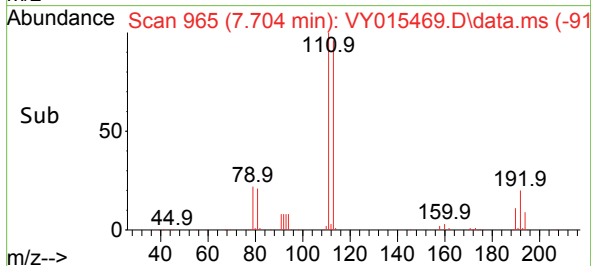


#35
Dibromofluoromethane
Concen: 53.580 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

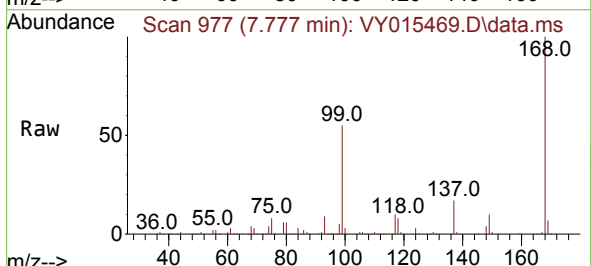
Instrument :
MSVOA_Y
ClientSampleId :



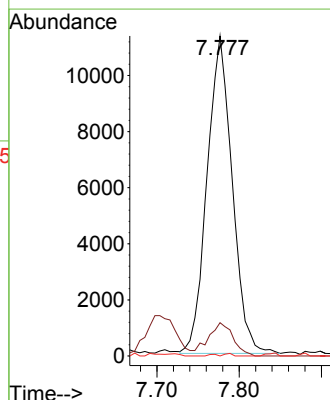
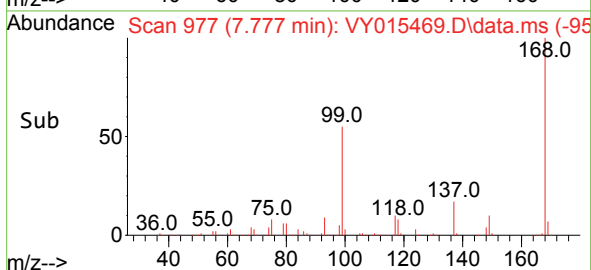
Tgt Ion:113 Resp: 161274
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.2 16.9 25.3

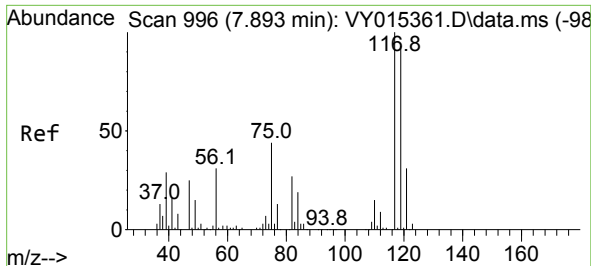


#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04



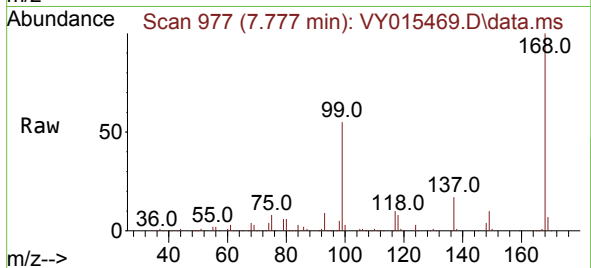
Tgt Ion: 75 Resp: 24089
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.2 24.4 36.6#



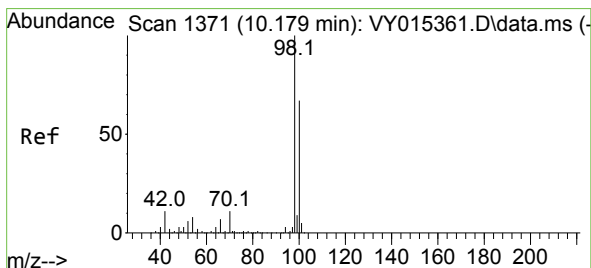
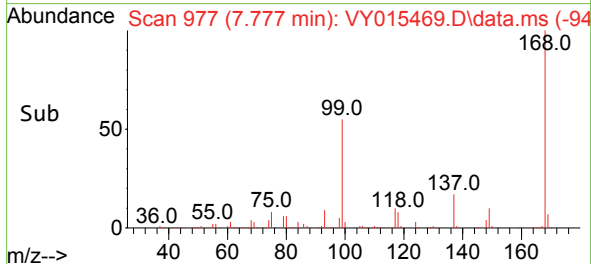
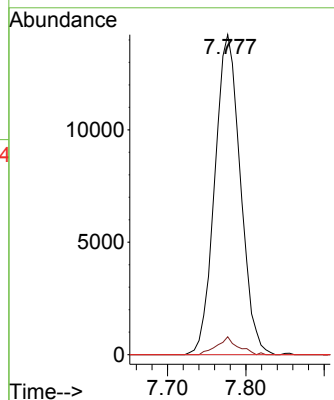


#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

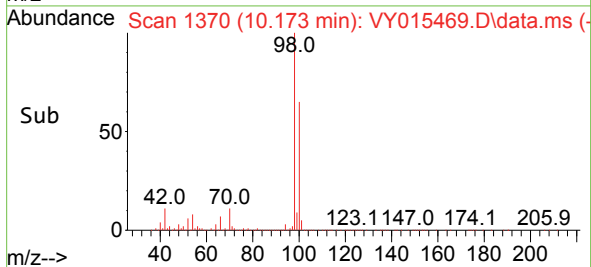
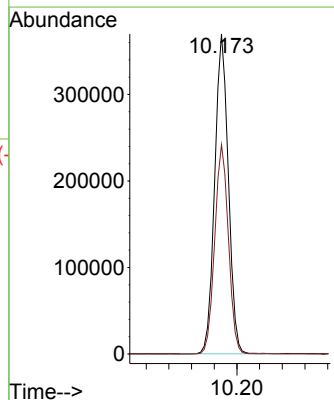
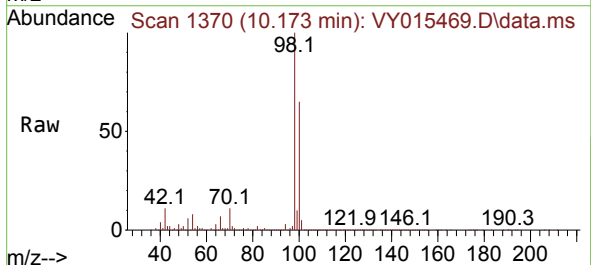


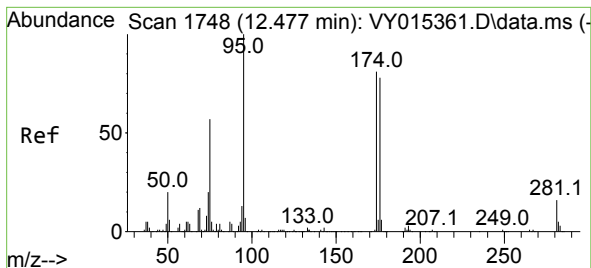
Tgt Ion:117 Resp: 32299
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.571 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Tgt Ion: 98 Resp: 616638
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

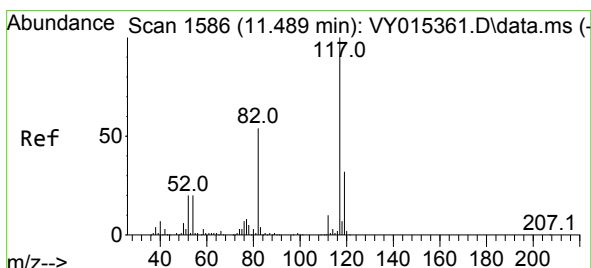
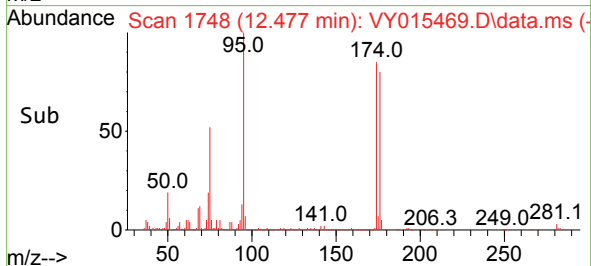
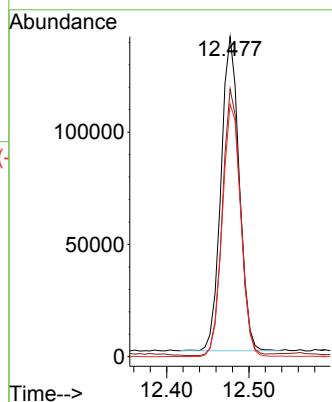
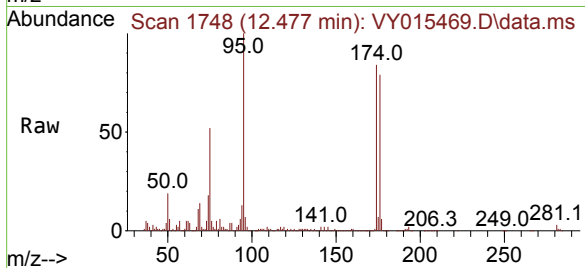




#62
4-Bromofluorobenzene
Concen: 53.299 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

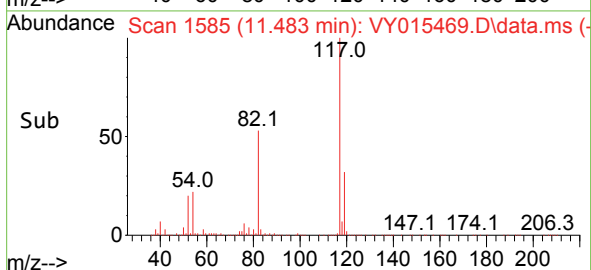
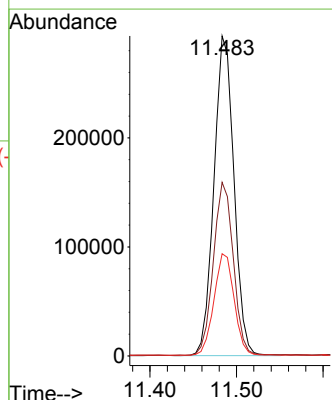
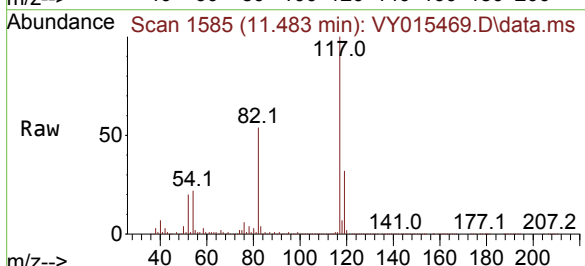
Instrument :
MSVOA_Y
ClientSampleId :

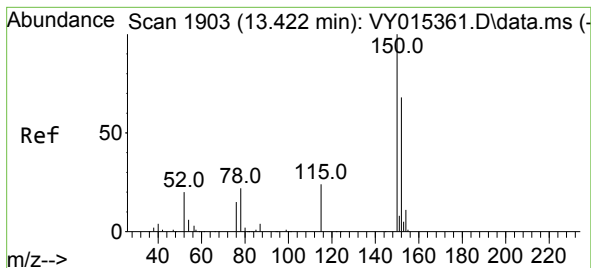
Tgt Ion: 95 Resp: 215678
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Tgt Ion: 117 Resp: 470236
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.7 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

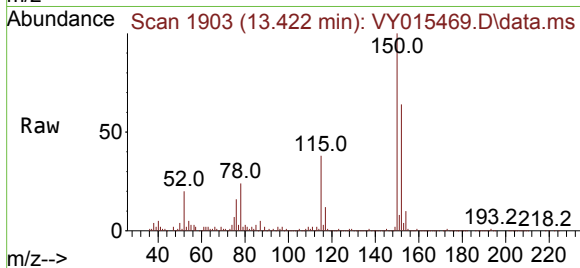
Lab File: VY015469.D

Acq: 07 Sep 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :



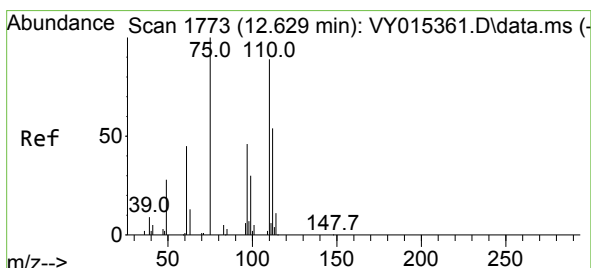
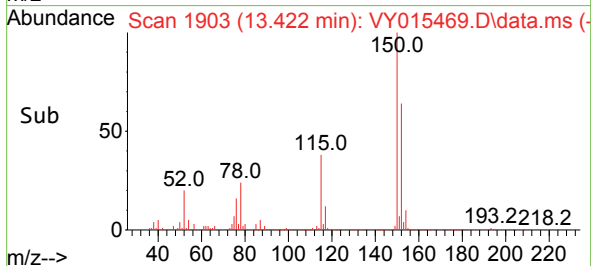
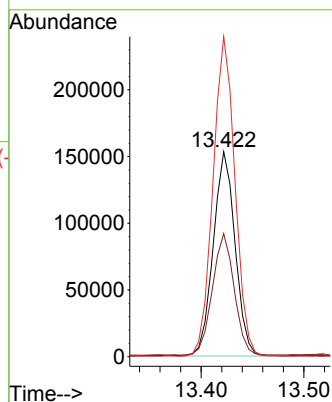
Tgt Ion:152 Resp: 225838

Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 157.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.839 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015469.D

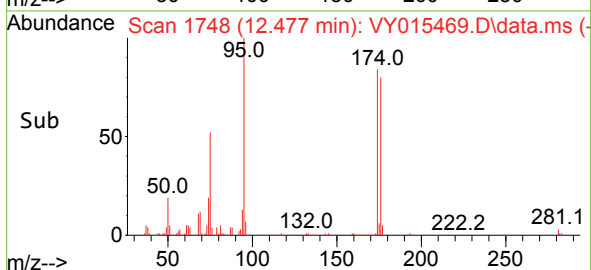
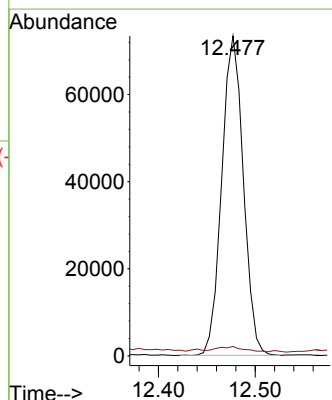
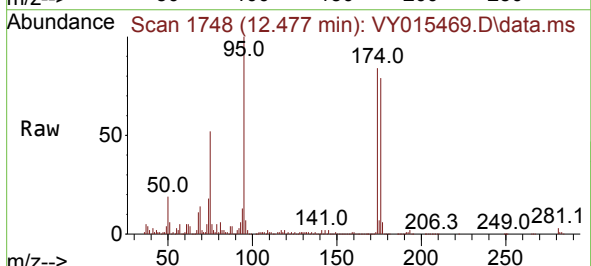
Acq: 07 Sep 2023 16:04

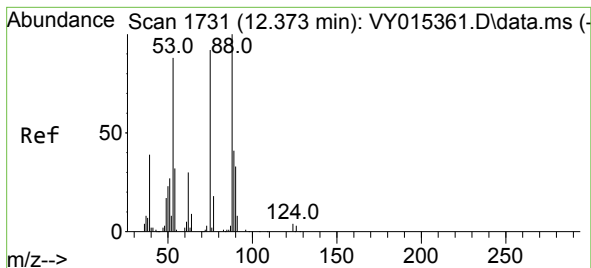
Tgt Ion: 75 Resp: 113323

Ion Ratio Lower Upper

75 100

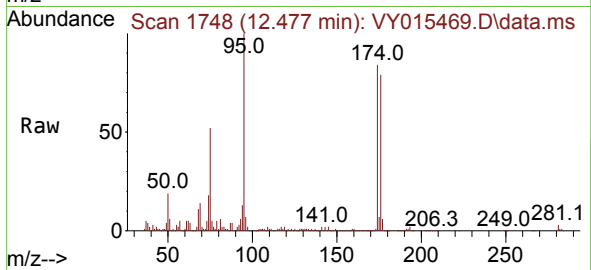
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.469 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015469.D
 Acq: 07 Sep 2023 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 113323
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.4 37.4 56.0#

