

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015599.D
 Acq On : 16 Sep 2023 03:57
 Operator : SY/MD
 Sample : 04419-11
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 05:29:46 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)

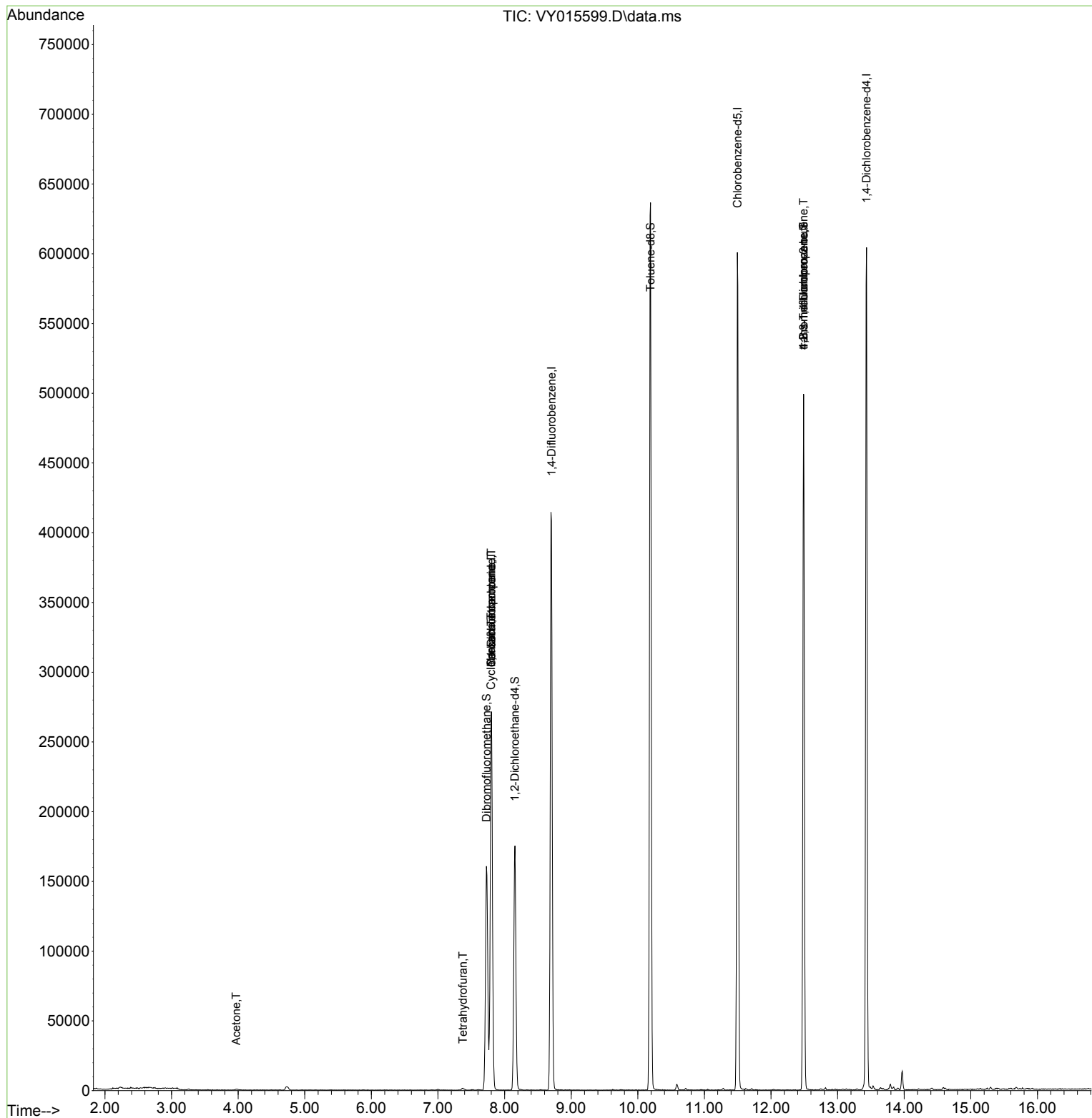
Internal Standards						
1) Pentafluorobenzene	7.801	168	211071	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	360776	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.496	117	331971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	155443	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	137519	60.778	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.728	113	113803	54.766	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.540%	
50) Toluene-d8	10.191	98	424084	56.355	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.489	95	145215	51.981	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.960%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	1668	1.766	ug/l	97
20) Methylene Chloride	4.747	84	2076	Below Cal	#	61
29) Tetrahydrofuran	7.374	42	1069	1.271	ug/l	97
31) Cyclohexane	7.795	56	4433	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	16182	4.435	ug/l #	51
38) Carbon Tetrachloride	7.801	117	21225	5.632	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	78586	38.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	78586	84.097	ug/l #	10

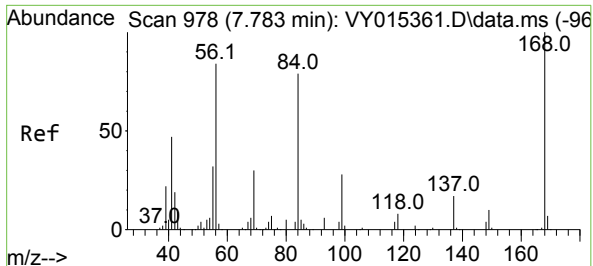
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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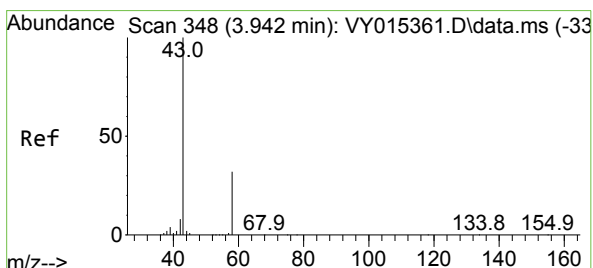
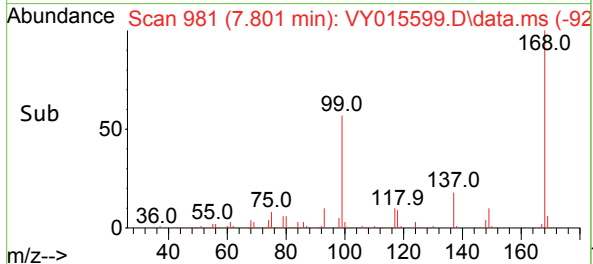
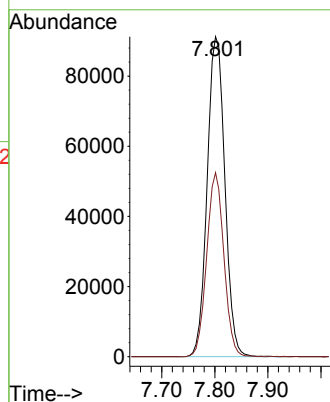
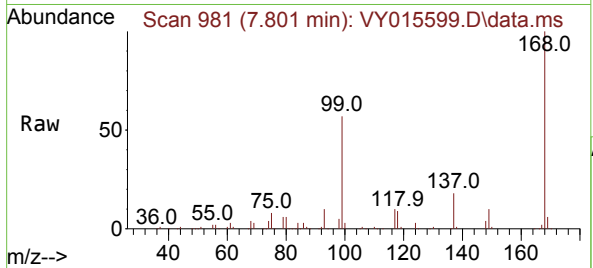




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

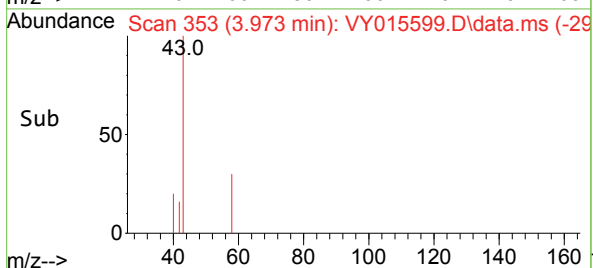
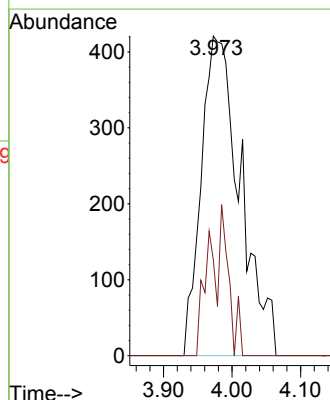
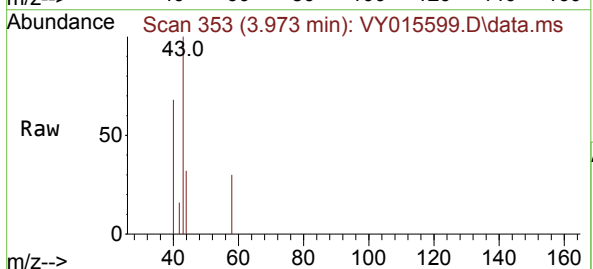
Instrument :
MSVOA_Y
ClientSampleId :

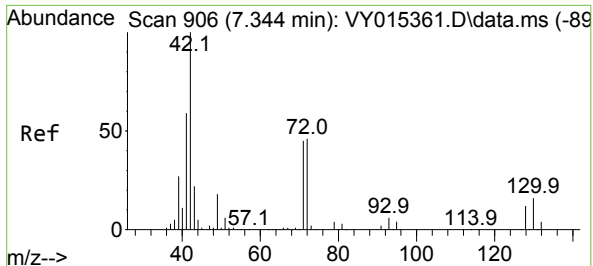
Tgt Ion:168 Resp: 211071
Ion Ratio Lower Upper
168 100
99 57.5 43.4 65.0



#16
Acetone
Concen: 1.766 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 29.9 22.7 34.1





#29

Tetrahydrofuran

Concen: 1.271 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.031 min

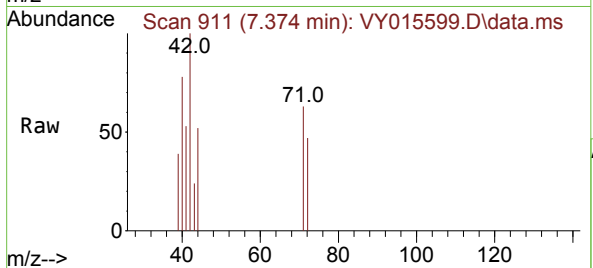
Lab File: VY015599.D

Acq: 16 Sep 2023 03:57

Instrument :

MSVOA_Y

ClientSampleId :



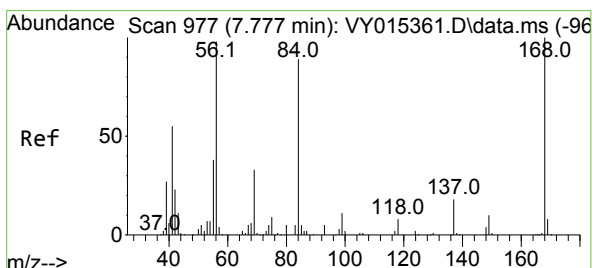
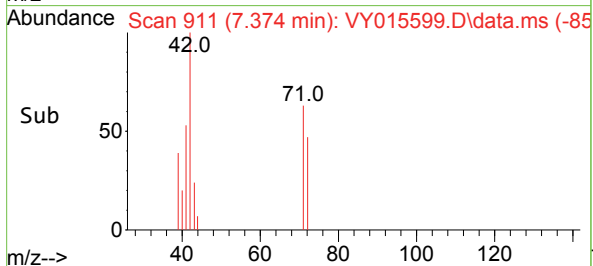
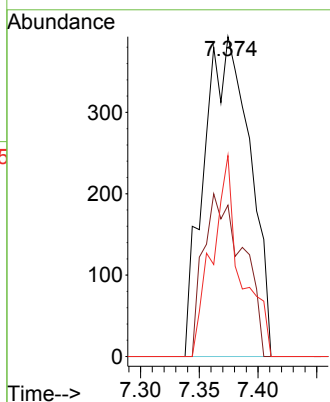
Tgt Ion: 42 Resp: 1069

Ion Ratio Lower Upper

42 100

72 43.8 32.8 49.2

71 39.5 31.0 46.4



#31

Cyclohexane

Concen: 1.103 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY015599.D

Acq: 16 Sep 2023 03:57

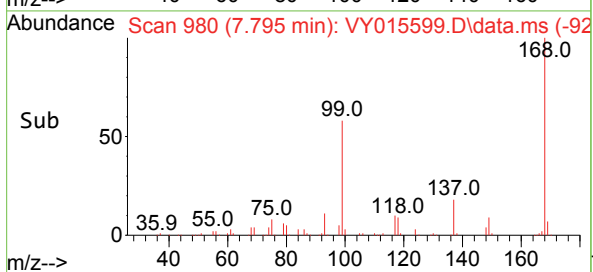
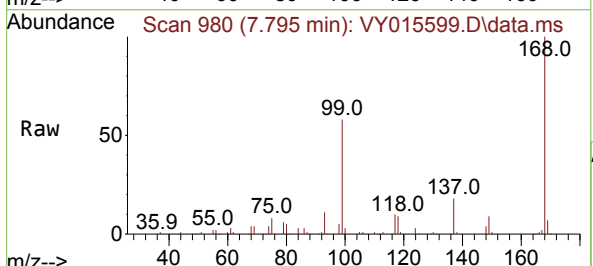
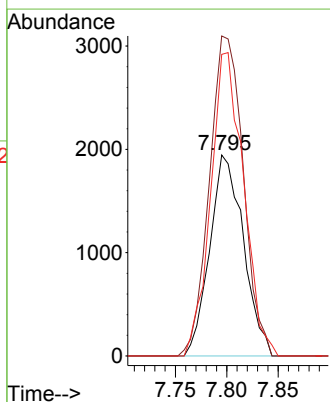
Tgt Ion: 56 Resp: 4433

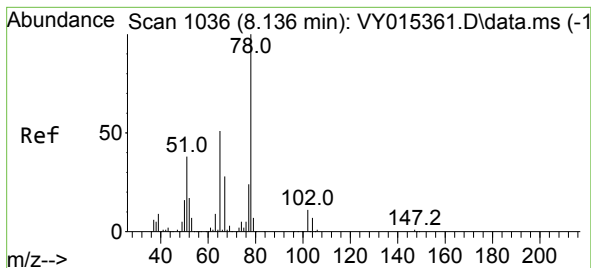
Ion Ratio Lower Upper

56 100

69 159.2 27.8 41.6#

84 150.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.778 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY015599.D

Acq: 16 Sep 2023 03:57

Instrument :

MSVOA_Y

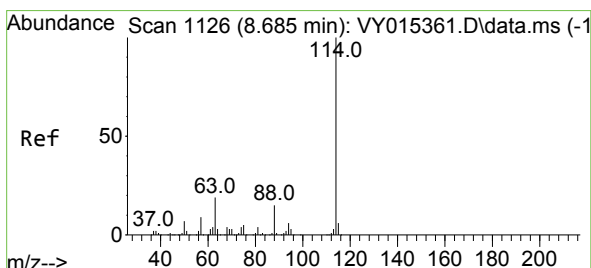
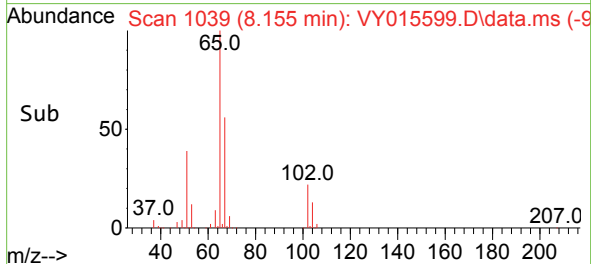
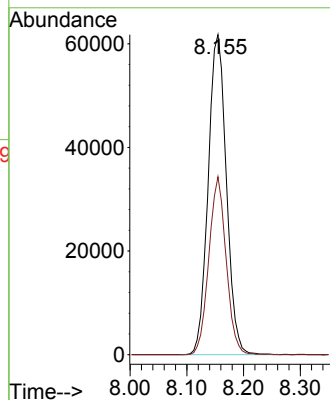
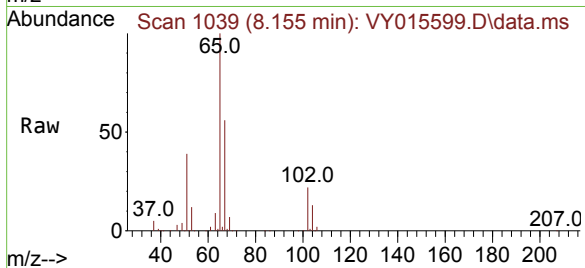
ClientSampleId :

Tgt Ion: 65 Resp: 137519

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VY015599.D

Acq: 16 Sep 2023 03:57

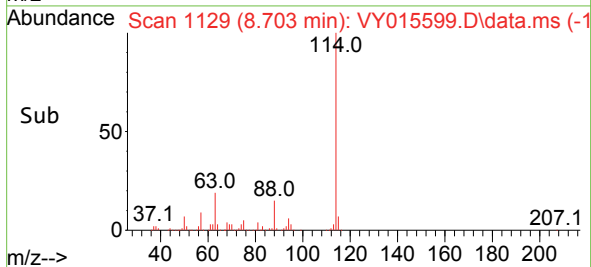
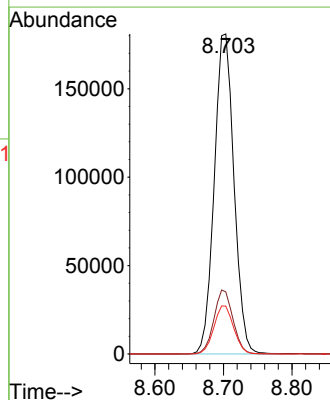
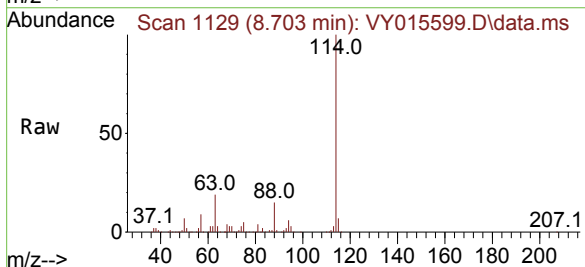
Tgt Ion: 114 Resp: 360776

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

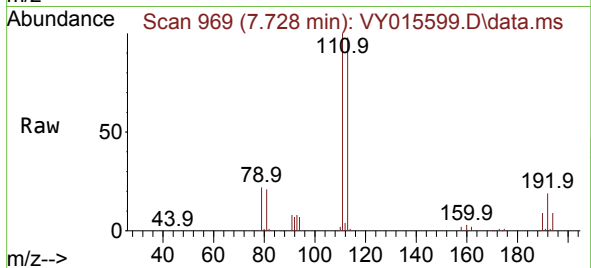
88 15.0 0.0 30.6



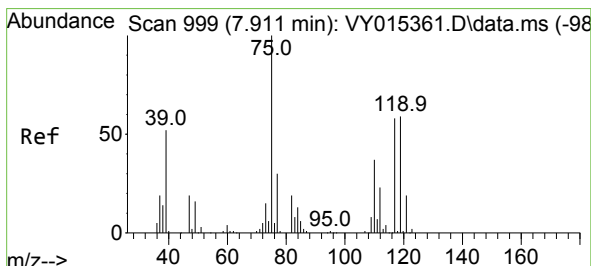
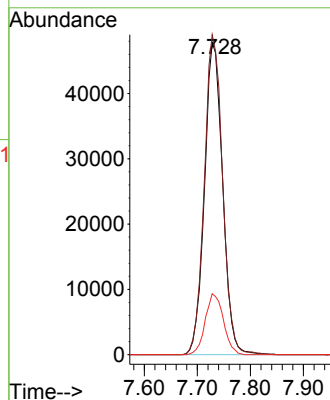
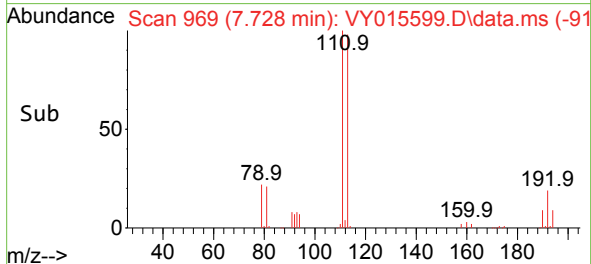


#35
Dibromofluoromethane
Concen: 54.766 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

Instrument :
MSVOA_Y
ClientSampleId :

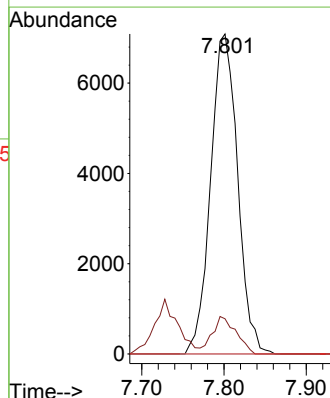
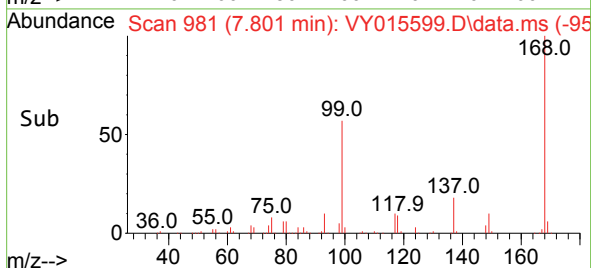
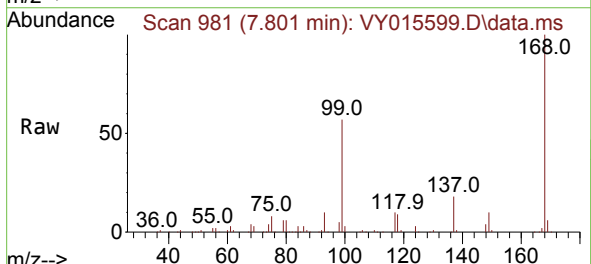


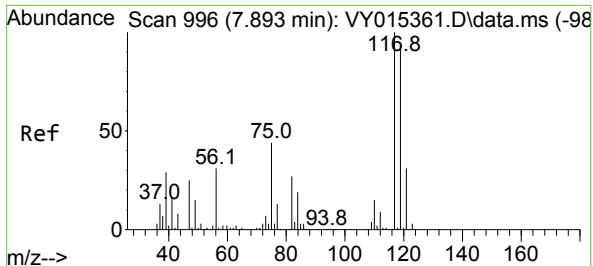
Tgt Ion:113 Resp: 113803
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.435 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

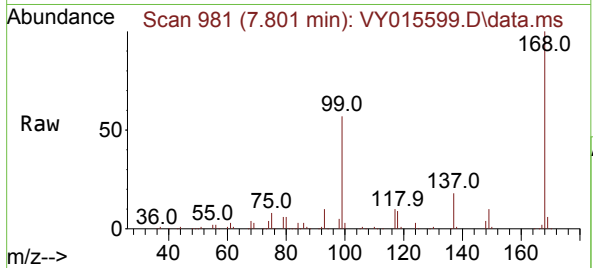
Tgt Ion: 75 Resp: 16182
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 24.4 36.6#



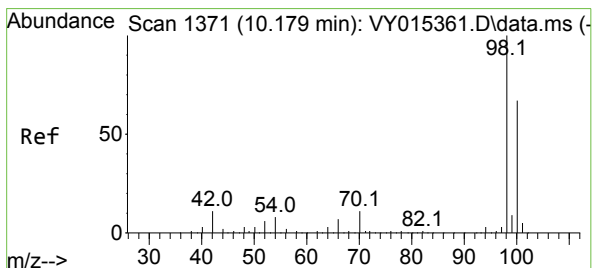
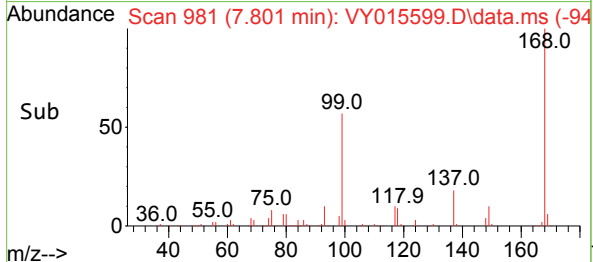
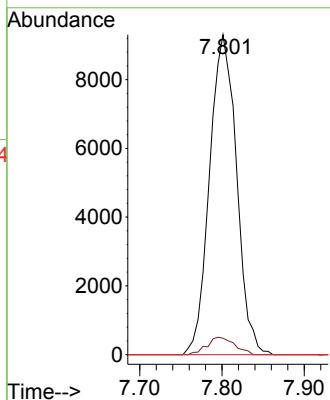


#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

Instrument :
MSVOA_Y
ClientSampleId :

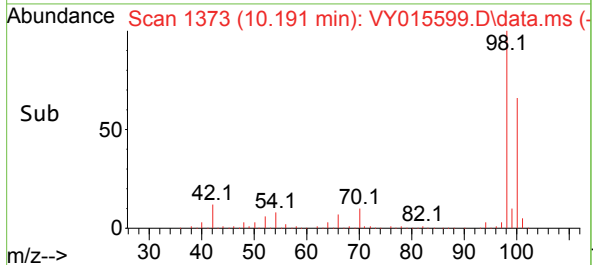
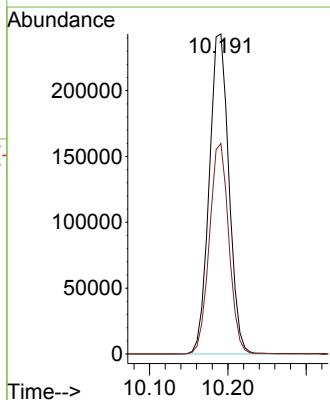
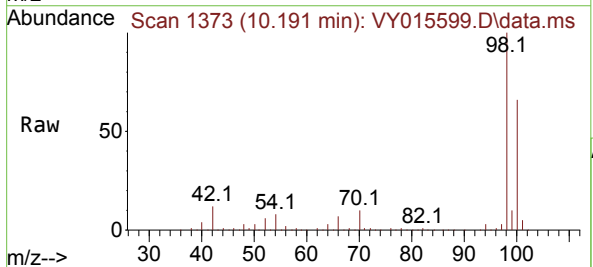


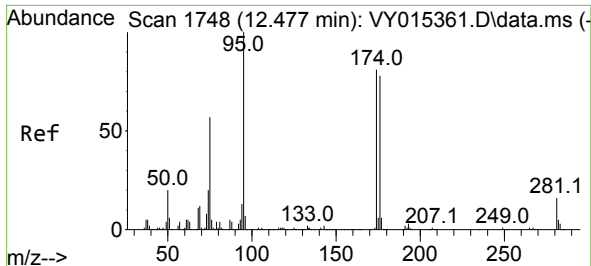
Tgt Ion:117 Resp: 21225
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.355 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

Tgt Ion: 98 Resp: 424084
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

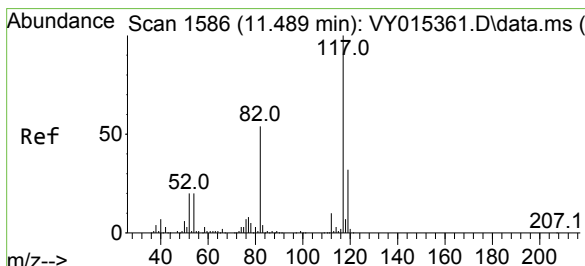
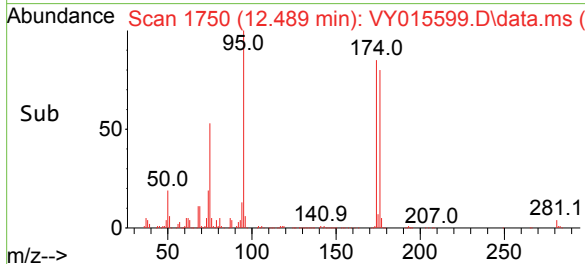
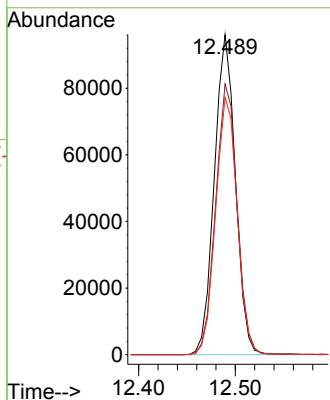
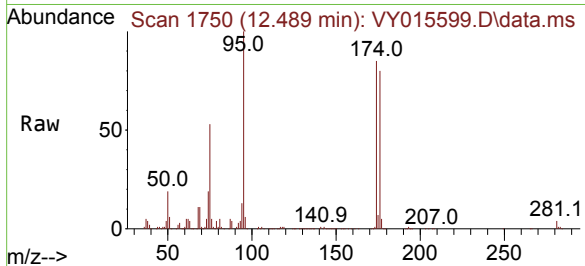




#62
4-Bromofluorobenzene
Concen: 51.981 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

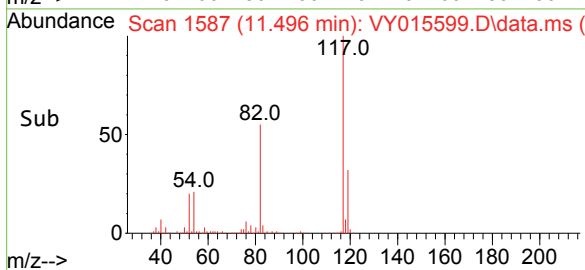
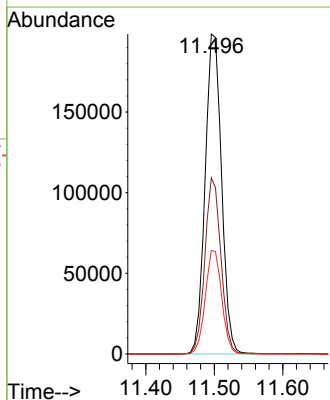
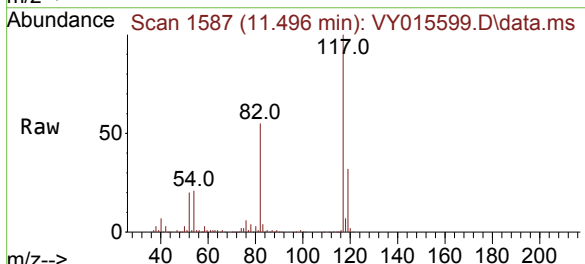
Instrument :
MSVOA_Y
ClientSampleId :

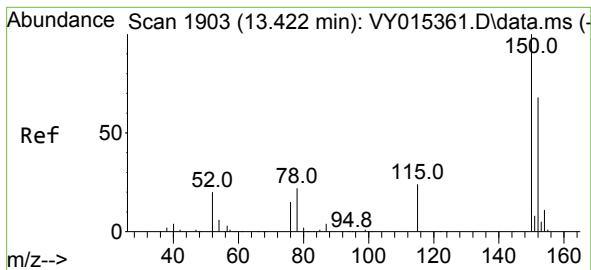
Tgt Ion: 95 Resp: 145215
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015599.D
Acq: 16 Sep 2023 03:57

Tgt Ion: 117 Resp: 331971
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.012 min

Lab File: VY015599.D

Acq: 16 Sep 2023 03:57

Instrument :

MSVOA_Y

ClientSampleId :

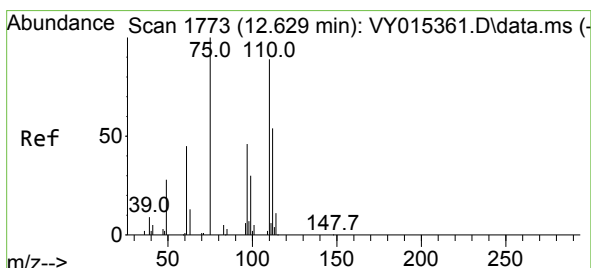
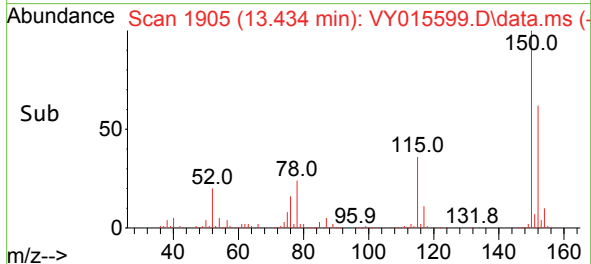
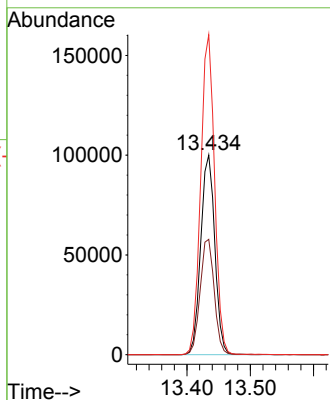
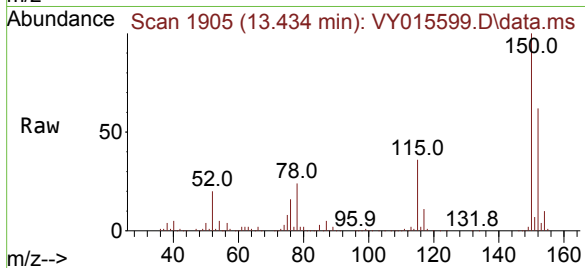
Tgt Ion:152 Resp: 155443

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.124 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.140 min

Lab File: VY015599.D

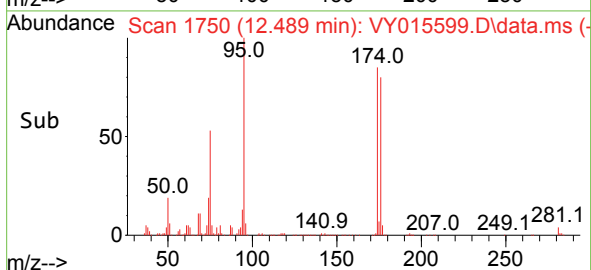
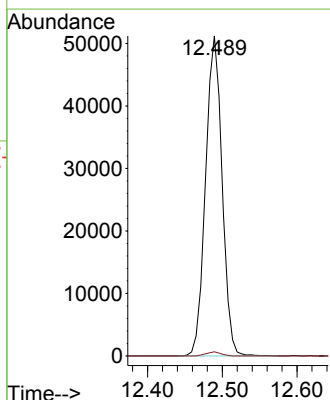
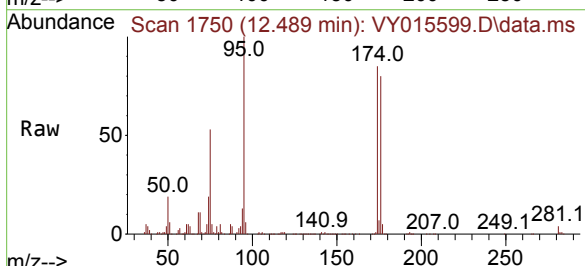
Acq: 16 Sep 2023 03:57

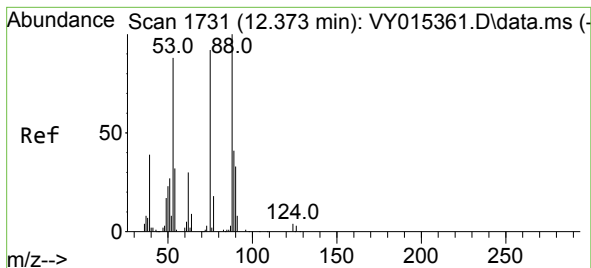
Tgt Ion: 75 Resp: 78586

Ion Ratio Lower Upper

75 100

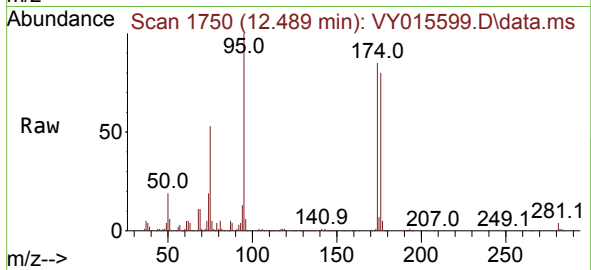
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.097 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015599.D
 Acq: 16 Sep 2023 03:57

Instrument :
 MSVOA_Y
 ClientSampleId :



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

