

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015437.D
 Acq On : 05 Sep 2023 17:51
 Operator : SY/MD
 Sample : 04274-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:46:11 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

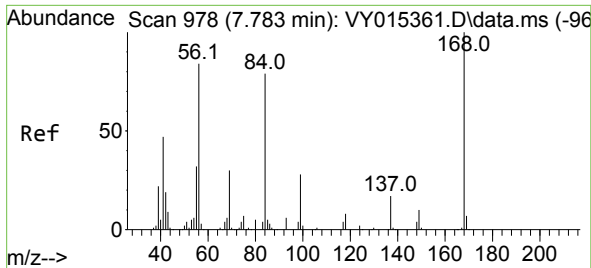
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	244068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	372825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	156629	59.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.720%	
35) Dibromofluoromethane	7.710	113	130124	54.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.360%	
50) Toluene-d8	10.173	98	483371	56.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.180%	
62) 4-Bromofluorobenzene	12.477	95	161405	50.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	10833	2.267	ug/l #	92
13) Acrolein	3.735	56	52	11.714	ug/l #	14
16) Acetone	3.942	43	10703	9.801	ug/l	93
20) Methylene Chloride	4.704	84	19041	Below Cal		91
25) 2-Butanone	6.972	43	4794	3.095	ug/l #	79
26) 2,2-Dichloropropane	6.972	77	6412	1.546	ug/l #	54
31) Cyclohexane	7.783	56	5139	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20432	4.889	ug/l #	49
38) Carbon Tetrachloride	7.777	117	24171	5.600	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	86631	38.845	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	86631	85.687	ug/l #	10

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

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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

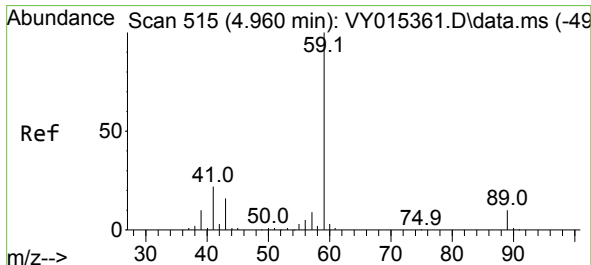
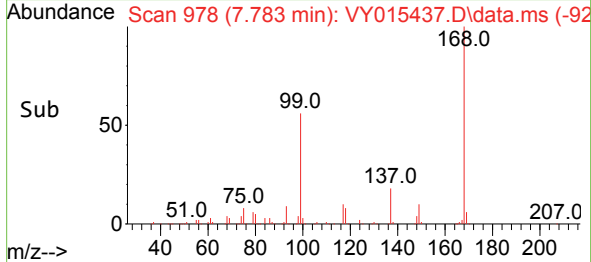
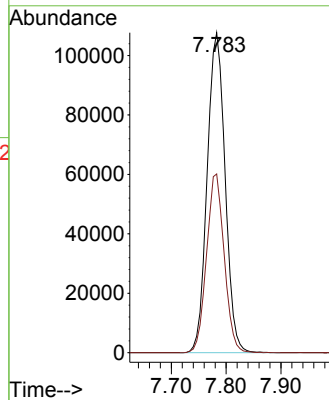
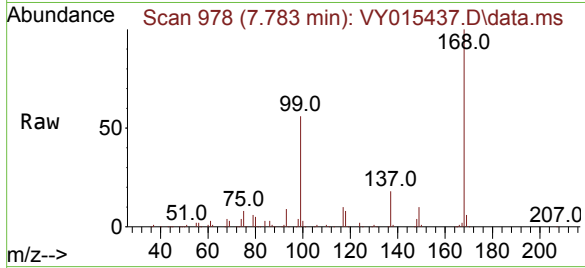




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015437.D
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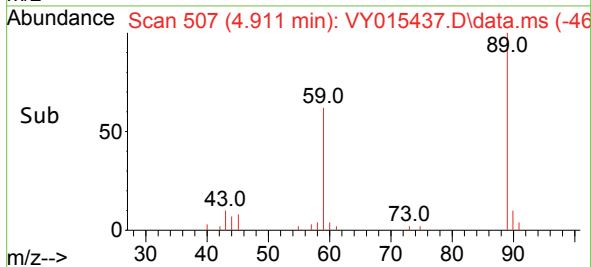
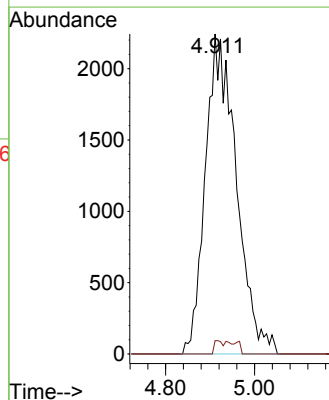
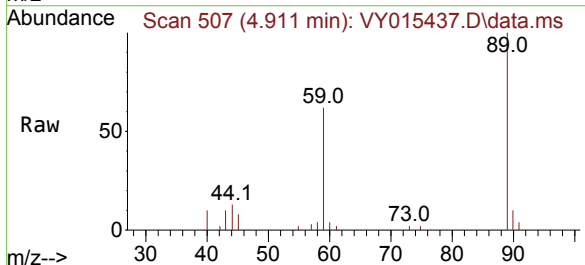
Instrument :
MSVOA_Y
ClientSampleId :

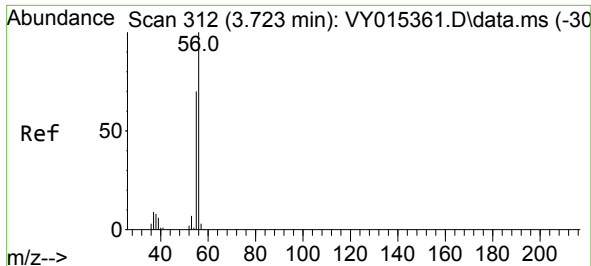
Tgt Ion:168 Resp: 244068
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.267 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

Tgt Ion: 59 Resp: 10833
Ion Ratio Lower Upper
59 100
57 1.1 3.0 4.4#





#13

Acrolein

Concen: 11.714 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015437.D

Acq: 05 Sep 2023 17:51

Instrument :

MSVOA_Y

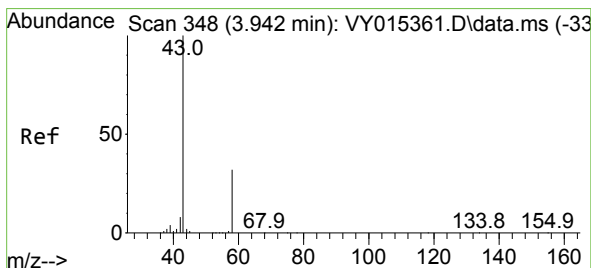
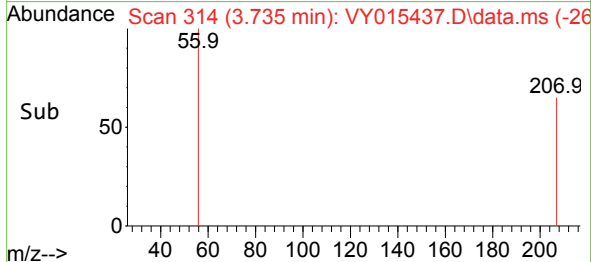
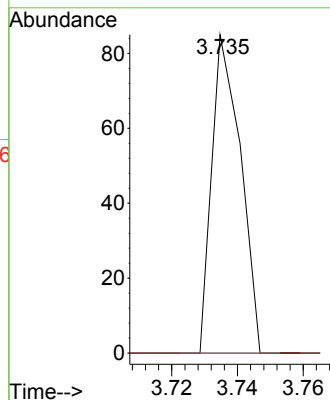
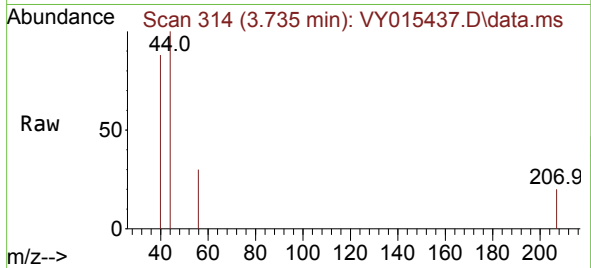
ClientSampleId :

Tgt Ion: 56 Resp: 52

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 9.801 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY015437.D

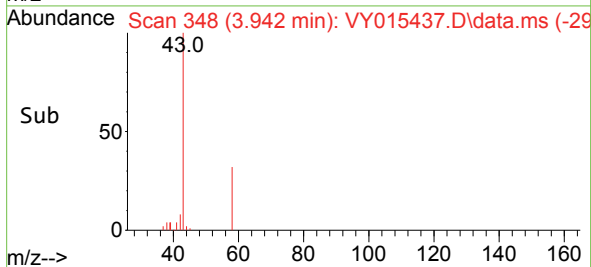
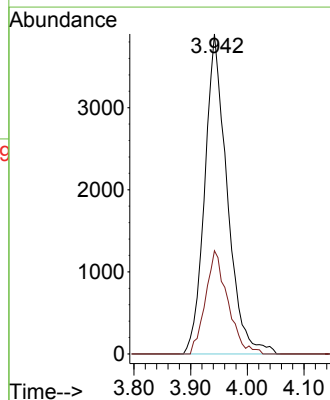
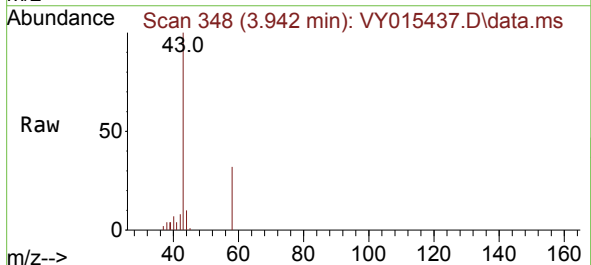
Acq: 05 Sep 2023 17:51

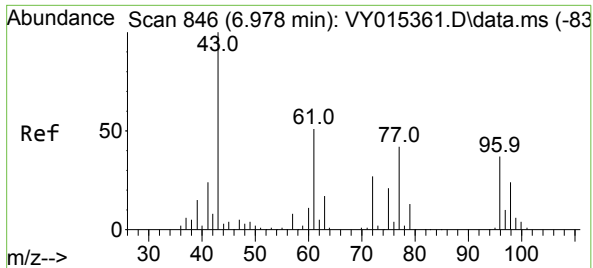
Tgt Ion: 43 Resp: 10703

Ion Ratio Lower Upper

43 100

58 32.2 22.7 34.1





#25

2-Butanone

Concen: 3.095 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY015437.D

Acq: 05 Sep 2023 17:51

Instrument :

MSVOA_Y

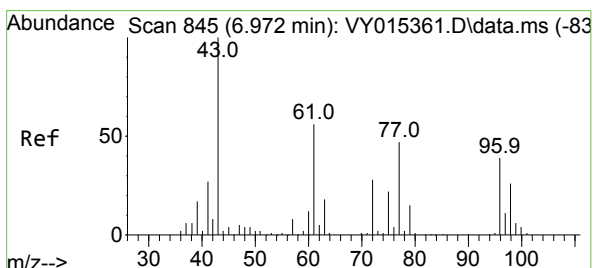
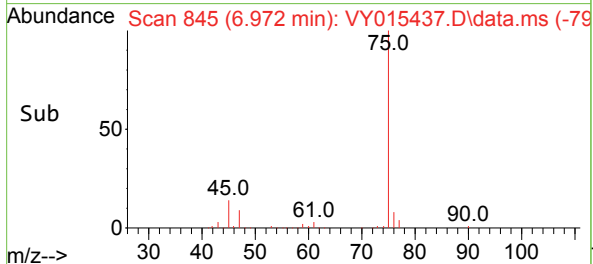
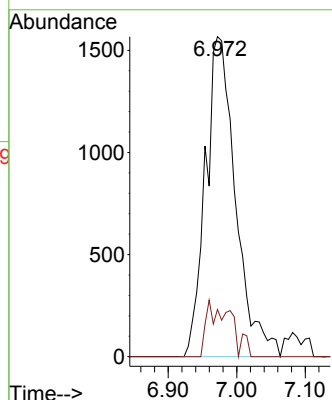
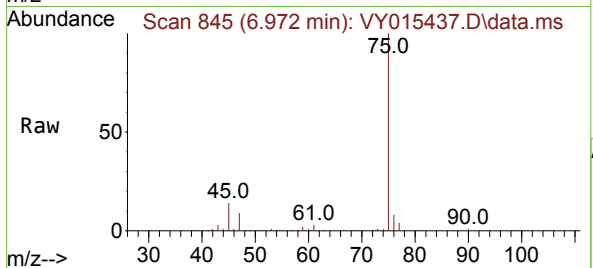
ClientSampleId :

Tgt Ion: 43 Resp: 4794

Ion Ratio Lower Upper

43 100

72 14.7 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.546 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY015437.D

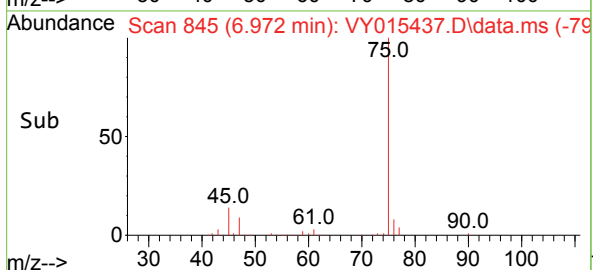
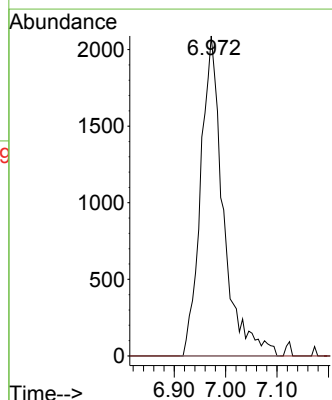
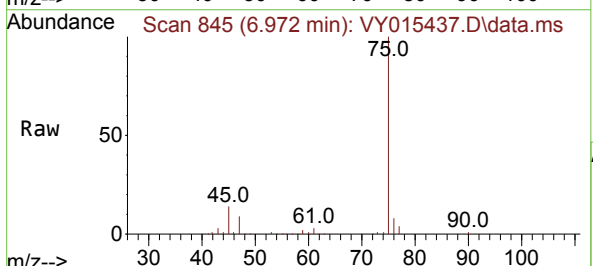
Acq: 05 Sep 2023 17:51

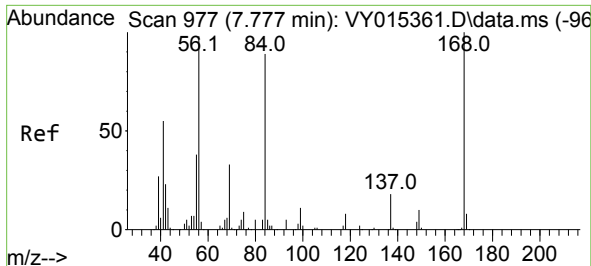
Tgt Ion: 77 Resp: 6412

Ion Ratio Lower Upper

77 100

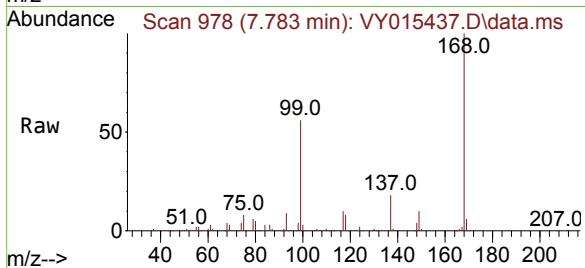
97 0.0 10.9 32.9#



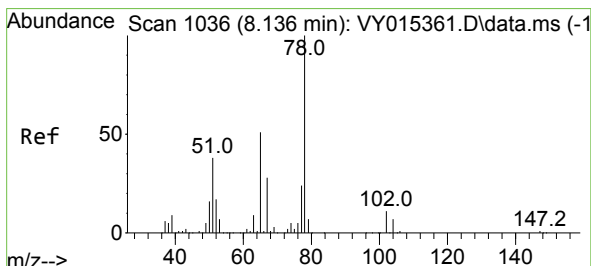
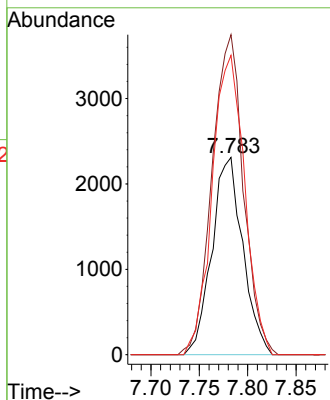
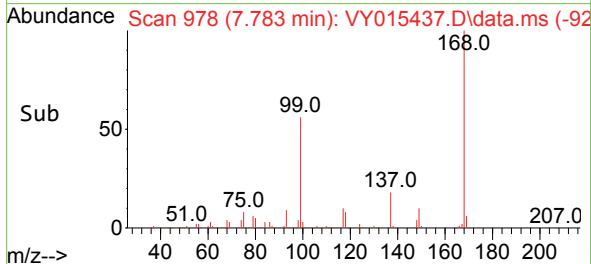


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

Instrument :
MSVOA_Y
ClientSampleId :

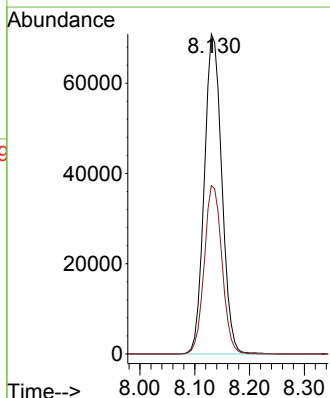
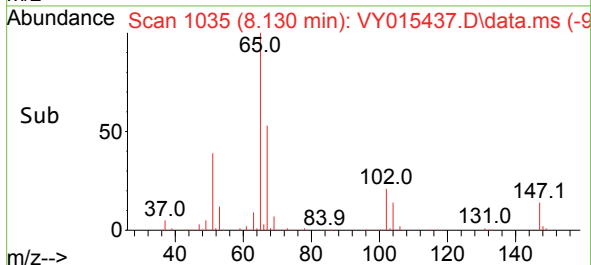
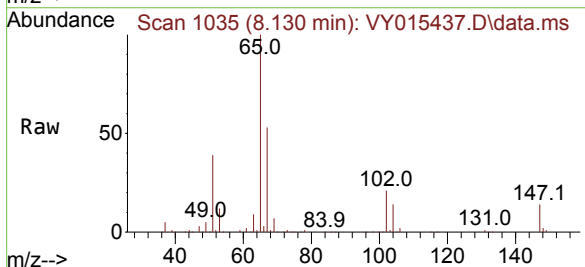


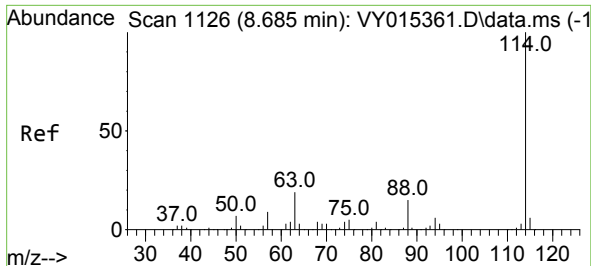
Tgt Ion	Ratio	Lower	Upper
56	100		
69	162.3	27.8	41.6#
84	151.8	66.4	99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.865 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015437.D

Acq: 05 Sep 2023 17:51

Instrument :

MSVOA_Y

ClientSampleId :

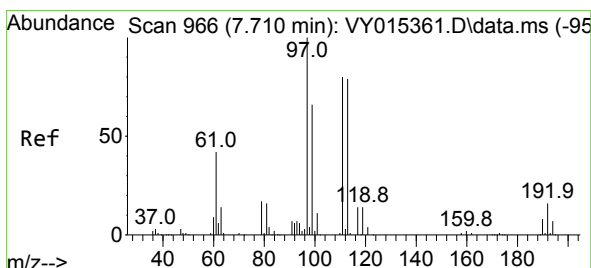
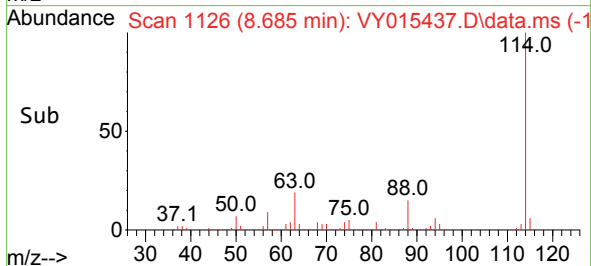
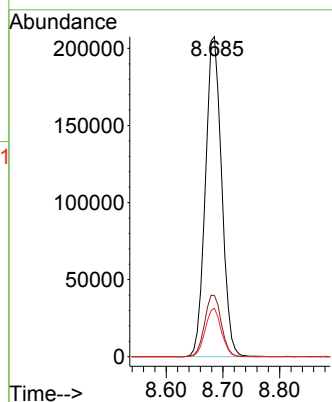
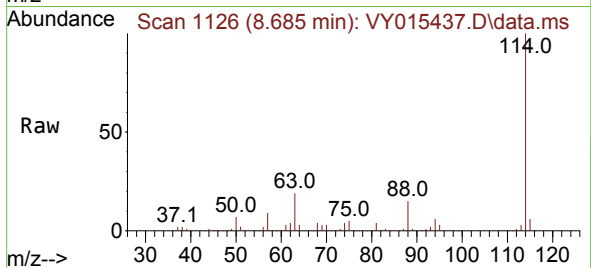
Tgt Ion:114 Resp: 413194

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.676 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015437.D

Acq: 05 Sep 2023 17:51

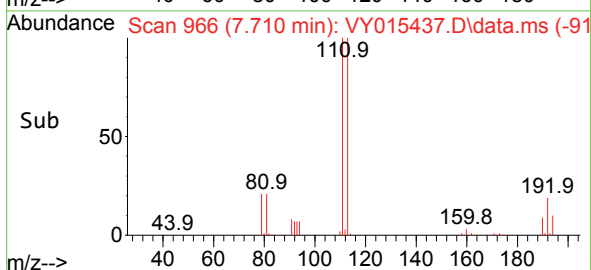
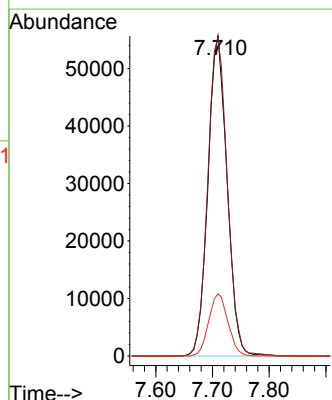
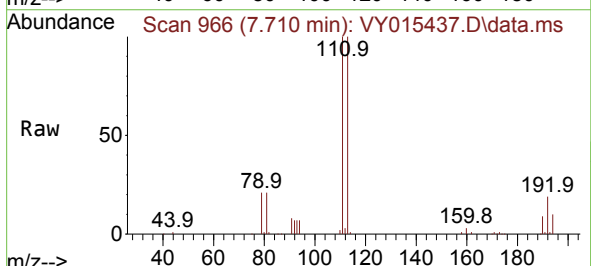
Tgt Ion:113 Resp: 130124

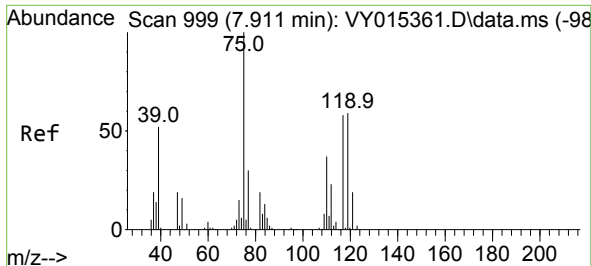
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

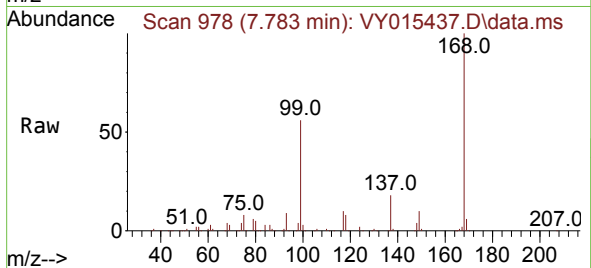
192 19.5 16.9 25.3



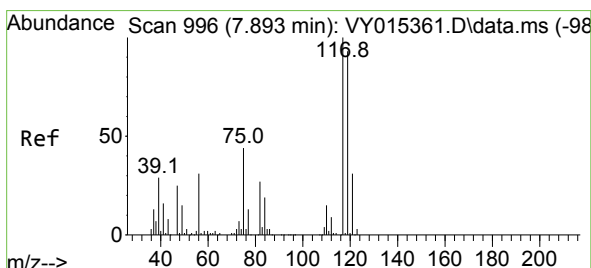
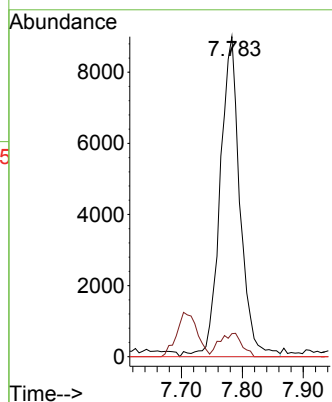
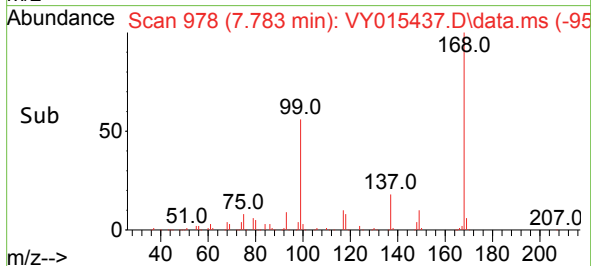


#36
 1,1-Dichloropropene
 Concen: 4.889 ug/l
 RT: 7.783 min Scan# 911
 Delta R.T. -0.128 min
 Lab File: VY015437.D
 Acq: 05 Sep 2023 17:51

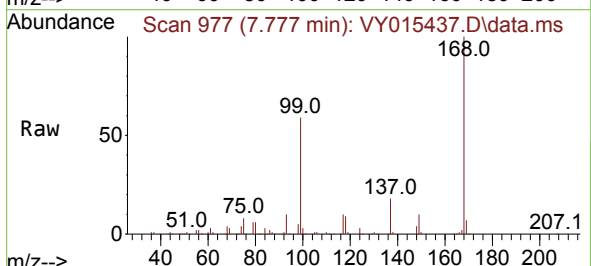
Instrument :
 MSVOA_Y
 ClientSampleId :



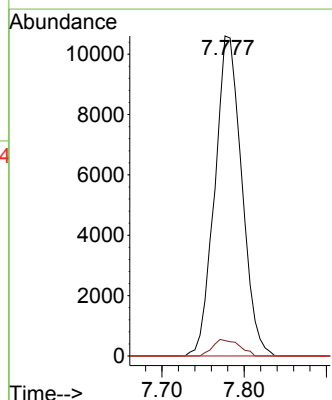
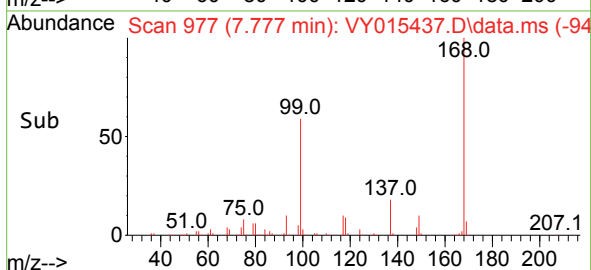
Tgt Ion: 75 Resp: 20432
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.8 53.5#
 77 0.0 24.4 36.6#

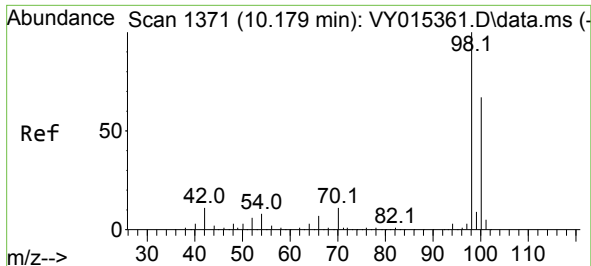


#38
 Carbon Tetrachloride
 Concen: 5.600 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.116 min
 Lab File: VY015437.D
 Acq: 05 Sep 2023 17:51



Tgt Ion: 117 Resp: 24171
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.4 114.6#
 121 0.0 25.8 38.6#

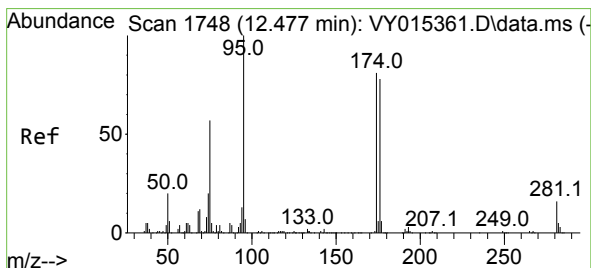
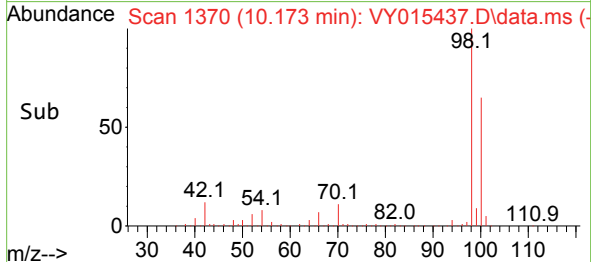
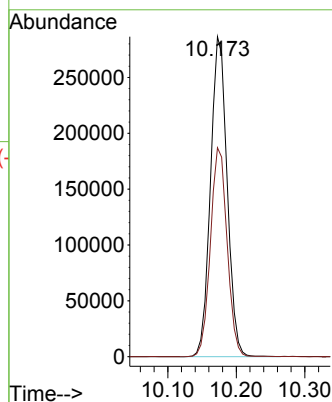
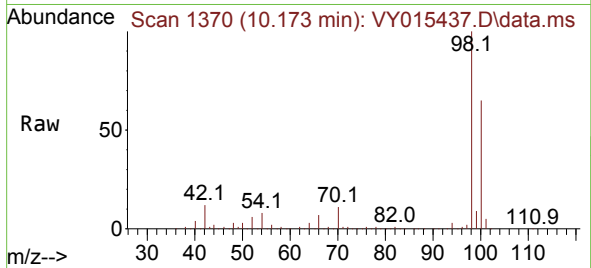




#50
Toluene-d8
Concen: 56.085 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

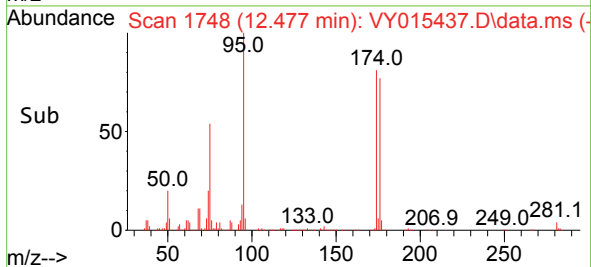
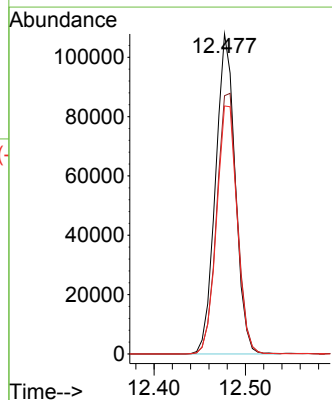
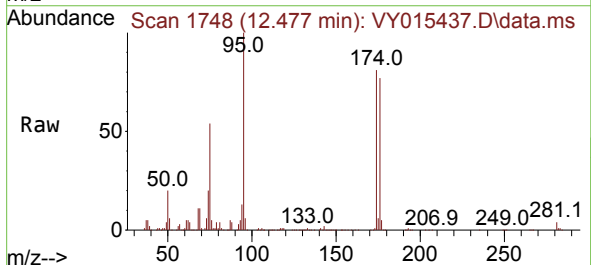
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 483371
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

Tgt Ion: 95 Resp: 161405
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 81.4 0.0 173.8

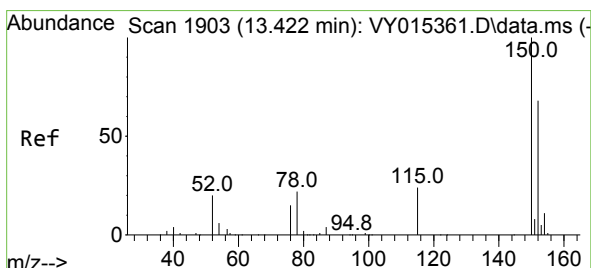
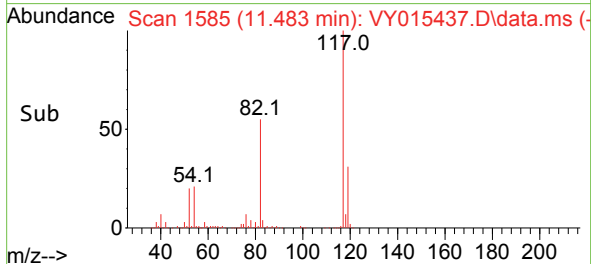
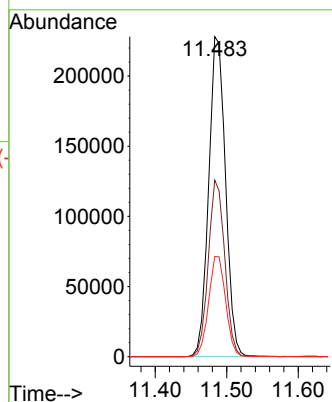
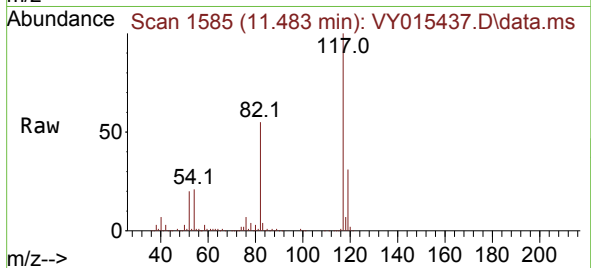




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

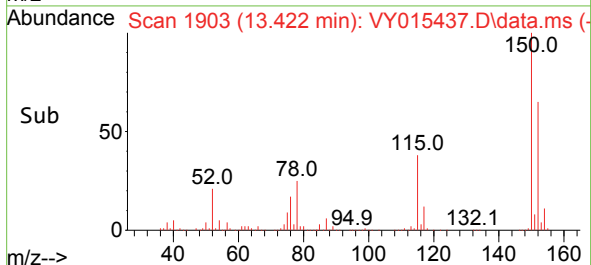
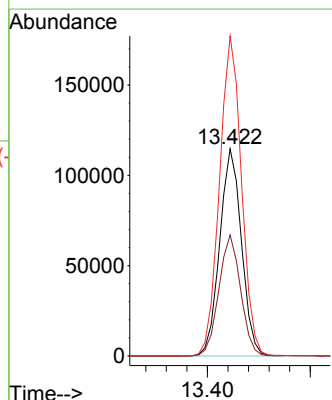
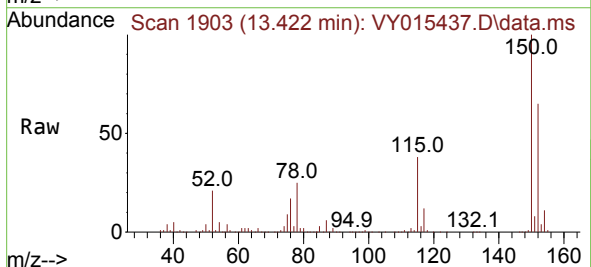
Instrument :
MSVOA_Y
ClientSampleId :

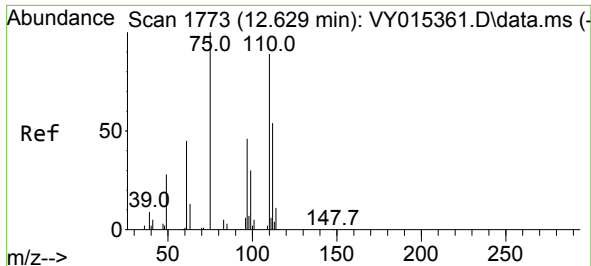
Tgt Ion:117 Resp: 372825
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

Tgt Ion:152 Resp: 168176
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 156.1 0.0 348.8

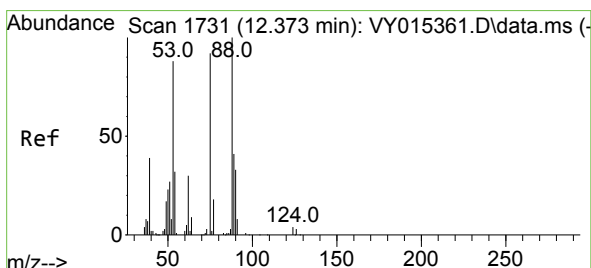
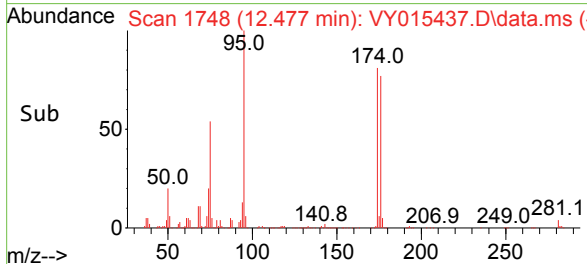
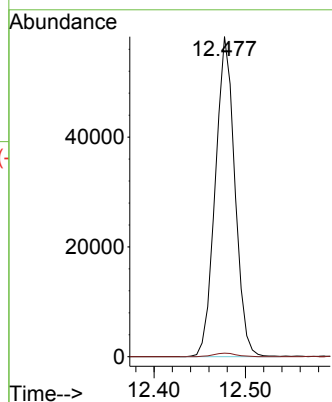
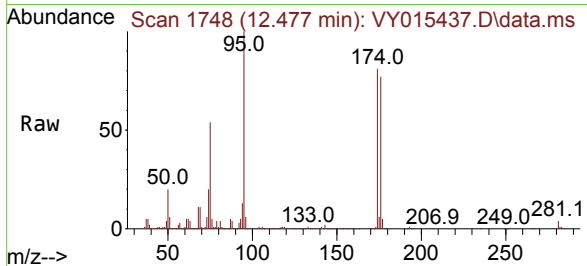




#76
1,2,3-Trichloropropane
Concen: 38.845 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86631
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.687 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015437.D
Acq: 05 Sep 2023 17:51

Tgt Ion: 75 Resp: 86631
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

