

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015468.D
 Acq On : 07 Sep 2023 15:27
 Operator : SY/MD
 Sample : 04333-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:09:40 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)

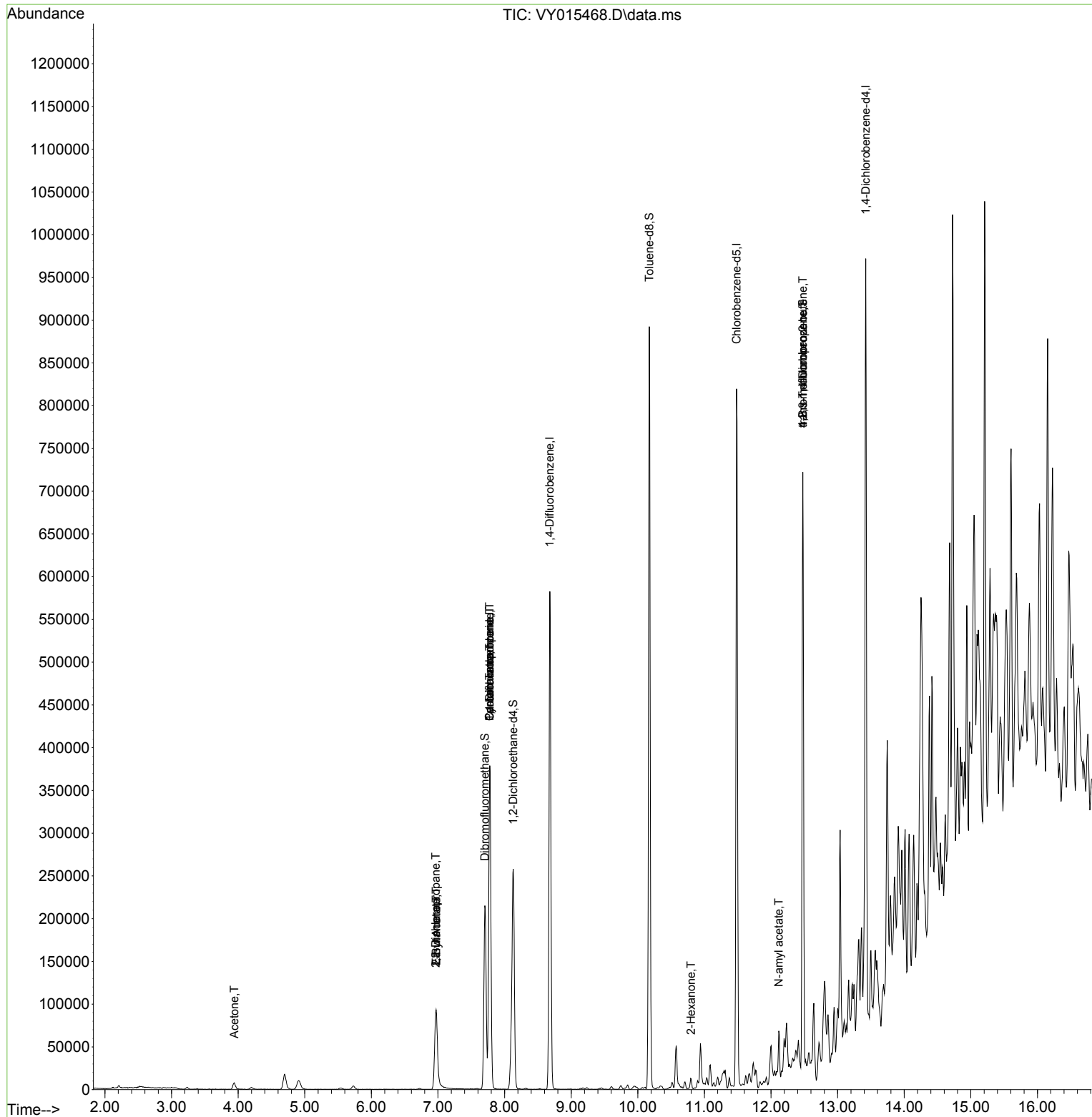
Internal Standards						
1) Pentafluorobenzene	7.777	168	297435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	490605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	443824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	184472	57.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.720%	
35) Dibromofluoromethane	7.703	113	152519	53.974	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.940%	
50) Toluene-d8	10.173	98	571417	55.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.680%	
62) 4-Bromofluorobenzene	12.477	95	202789	53.380	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	11332	Below Cal	#	91
16) Acetone	3.942	43	13316	10.006	ug/l	89
20) Methylene Chloride	4.698	84	13308	Below Cal		84
25) 2-Butanone	6.972	43	5207	2.759	ug/l	# 85
26) 2,2-Dichloropropane	6.966	77	7021	1.389	ug/l	# 54
31) Cyclohexane	7.777	56	6274	1.108	ug/l	# 20
36) 1,1-Dichloropropene	7.777	75	22365	4.507	ug/l	# 51
37) Ethyl Acetate	6.972	43	5207	1.361	ug/l	# 1
38) Carbon Tetrachloride	7.777	117	29076	5.674	ug/l	# 15
59) 2-Hexanone	10.800	43	4945	1.713	ug/l	# 33
74) N-amyl acetate	12.117	43	12240	2.255	ug/l	# 63
76) 1,2,3-Trichloropropane	12.477	75	109183	38.278	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	109183	84.436	ug/l	# 11

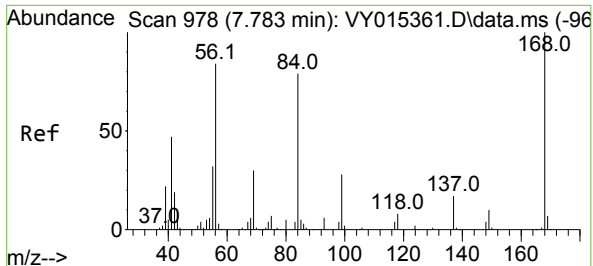
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
Data File : VY015468.D
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
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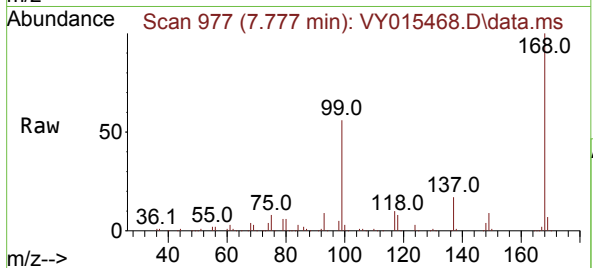
Quant Time: Sep 07 23:09:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



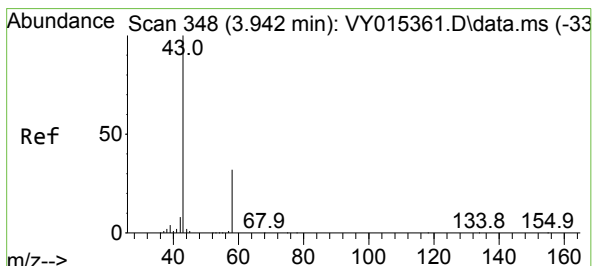
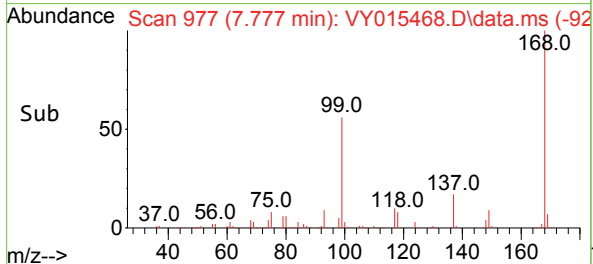
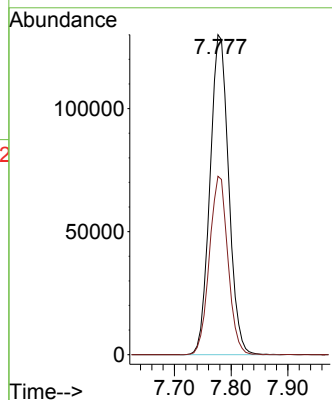


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

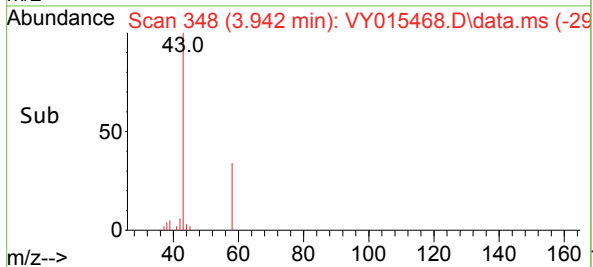
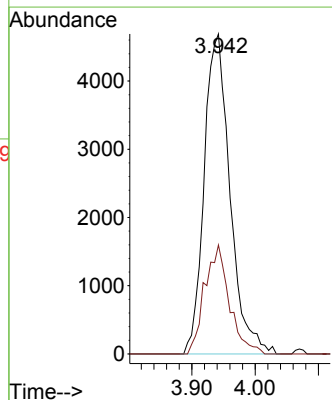
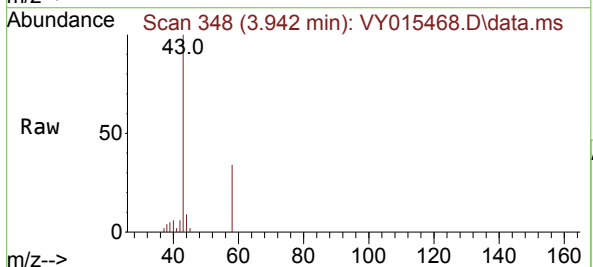


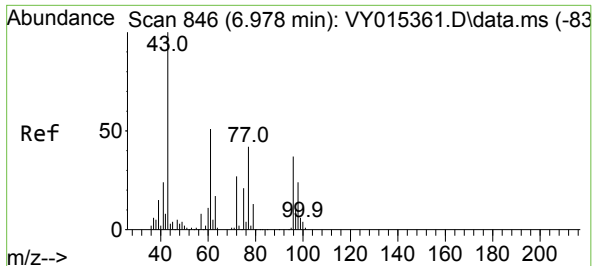
Tgt Ion:168 Resp: 297435
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 10.006 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Tgt Ion: 43 Resp: 13316
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1

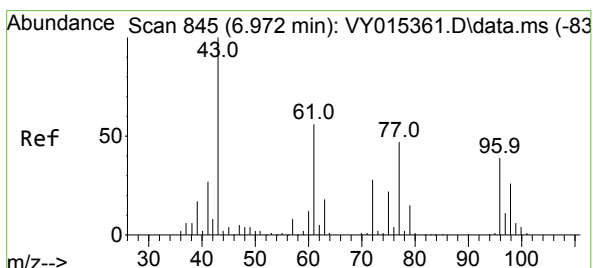
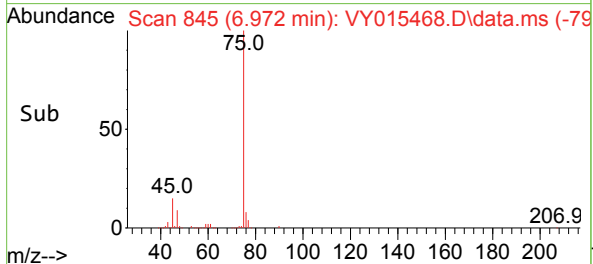
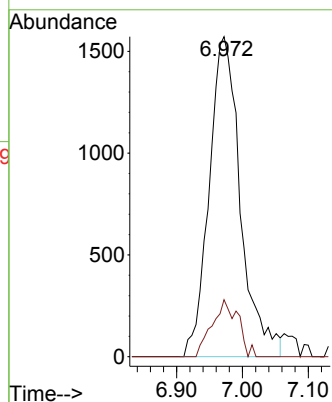
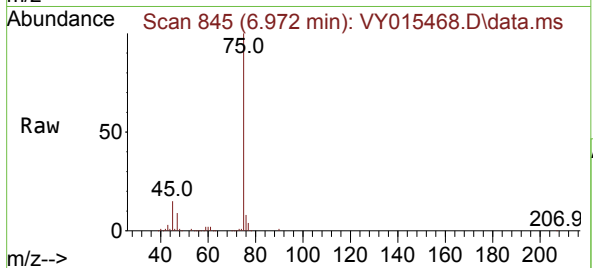




#25
2-Butanone
Concen: 2.759 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

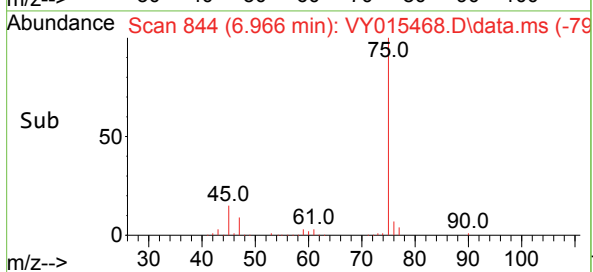
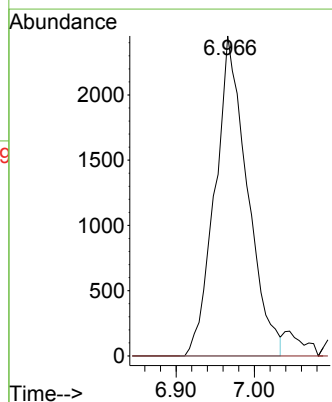
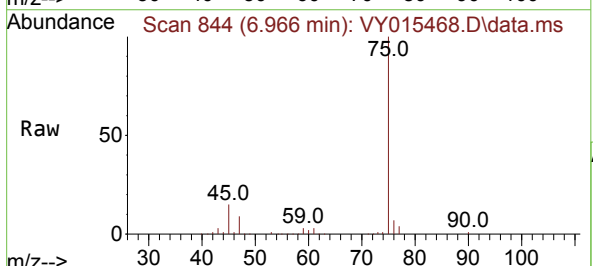
Instrument :
MSVOA_Y
ClientSampleId :

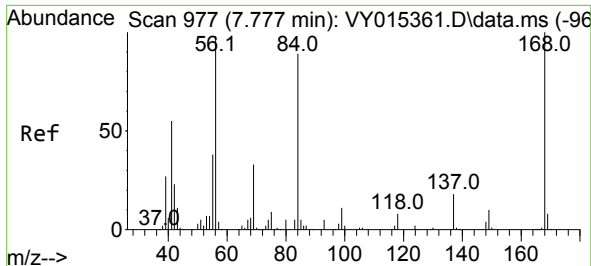
Tgt Ion: 43 Resp: 5207
Ion Ratio Lower Upper
43 100
72 17.8 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.389 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

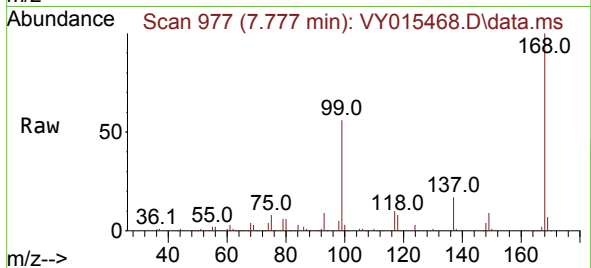
Tgt Ion: 77 Resp: 7021
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



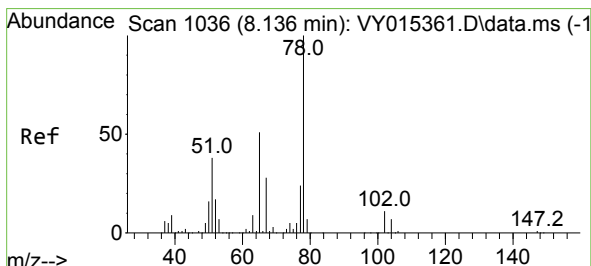
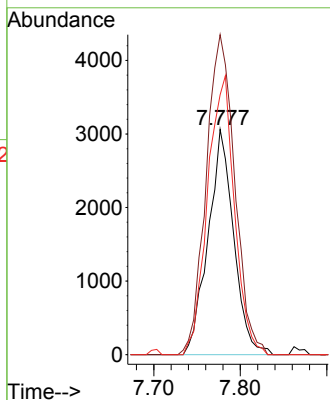
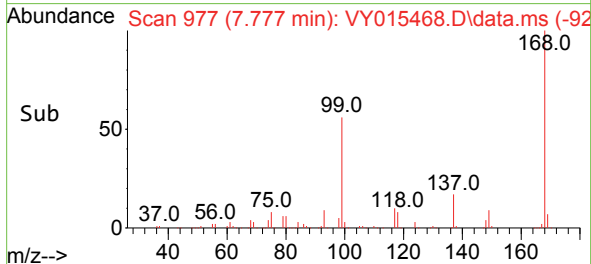


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

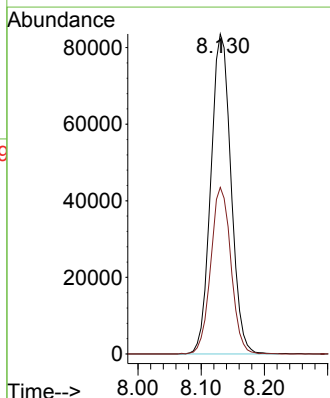
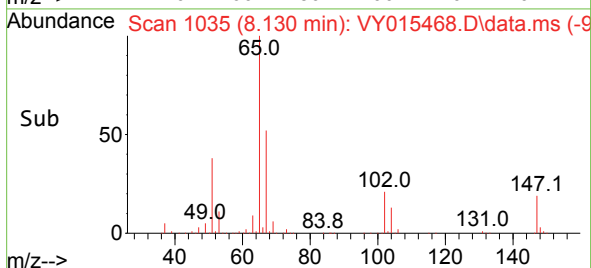
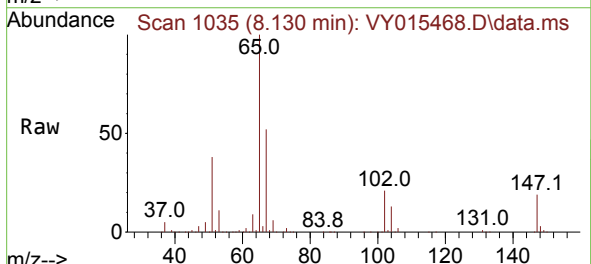


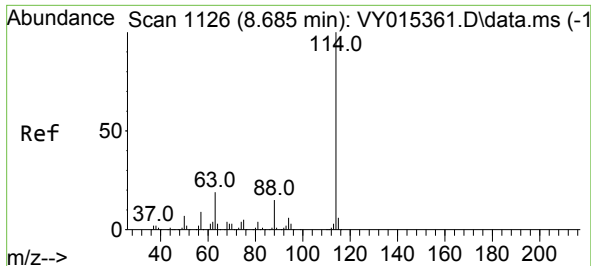
Tgt Ion: 56 Resp: 6274
Ion Ratio Lower Upper
56 100
69 142.1 27.8 41.6#
84 115.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.856 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

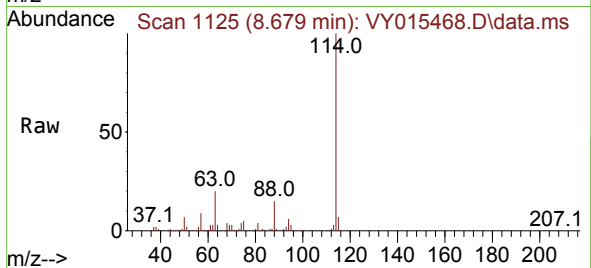
Tgt Ion: 65 Resp: 184472
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8



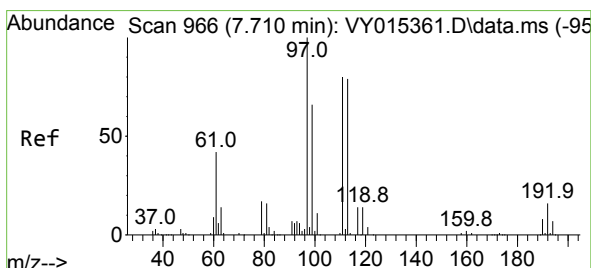
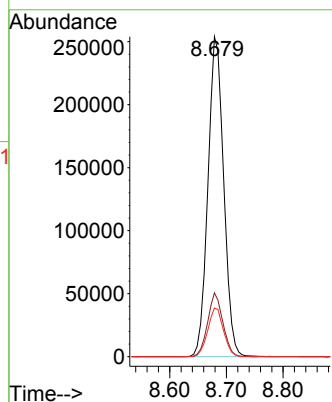
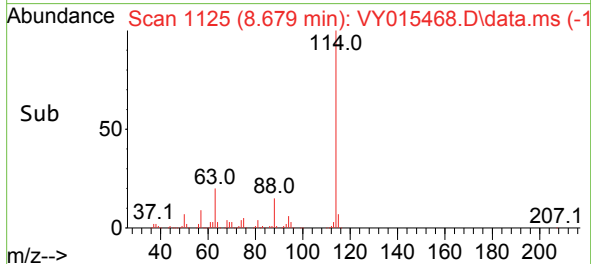


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

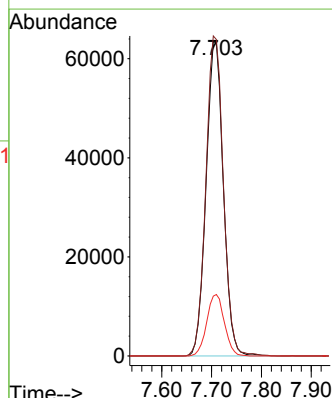
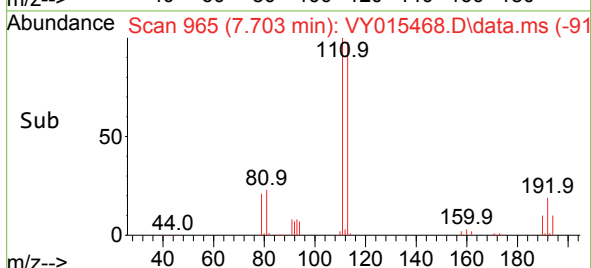
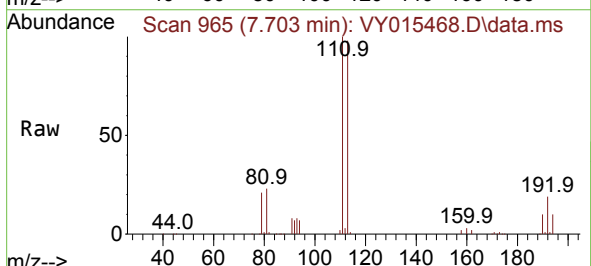


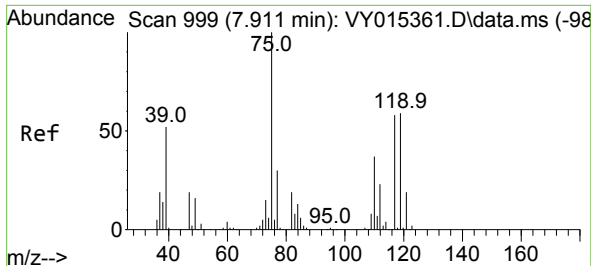
Tgt Ion:114 Resp: 490605
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.974 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

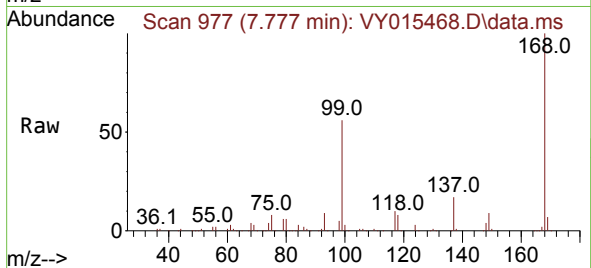
Tgt Ion:113 Resp: 152519
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.0 16.9 25.3



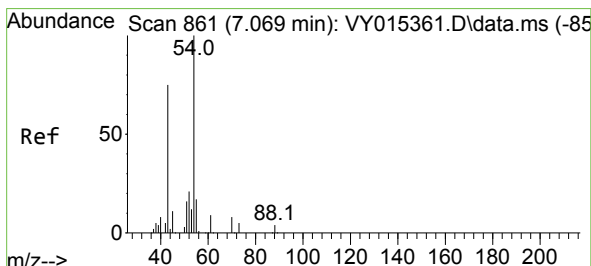
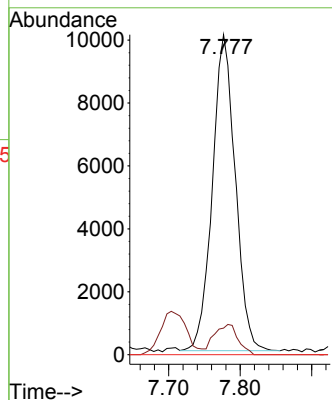
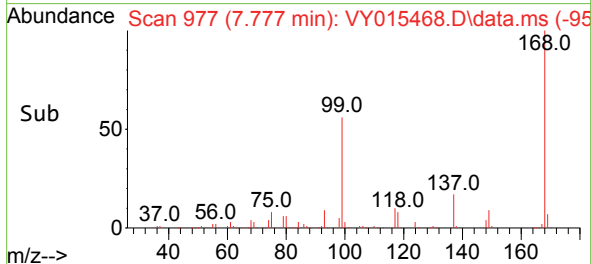


#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

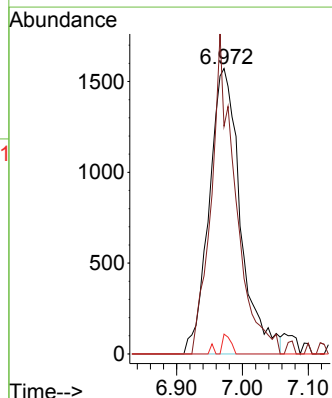
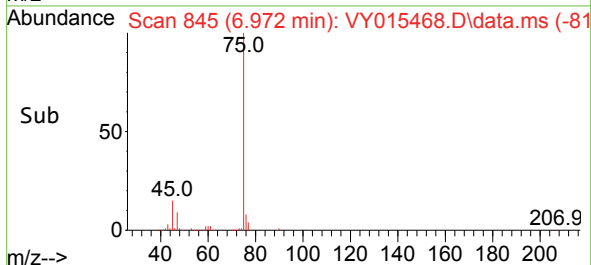
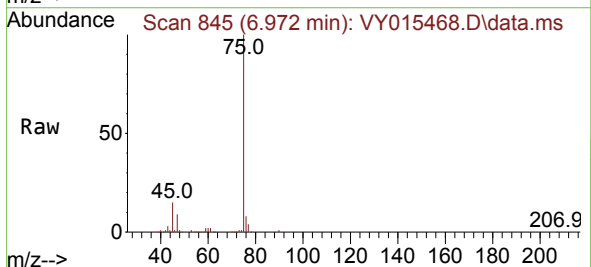


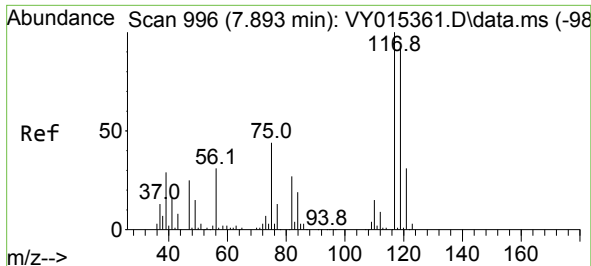
Tgt Ion: 75 Resp: 22365
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.361 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.092 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

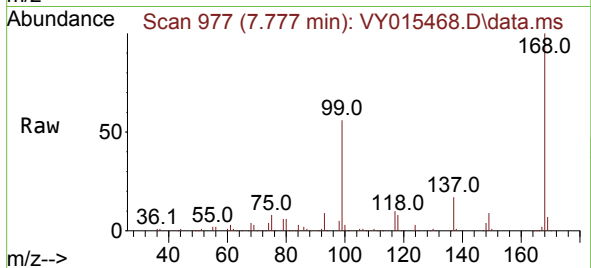
Tgt Ion: 43 Resp: 5207
Ion Ratio Lower Upper
43 100
61 86.9 10.1 15.1#
70 1.8 7.1 10.7#



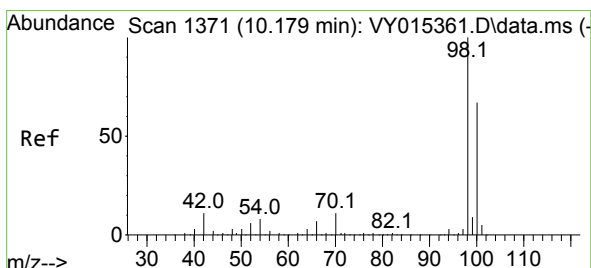
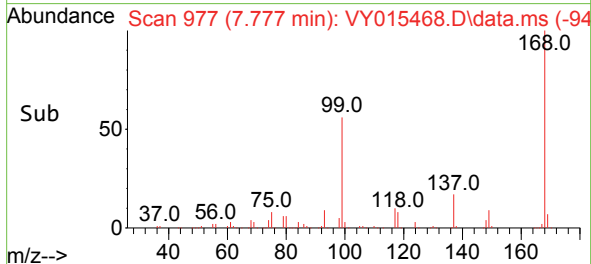
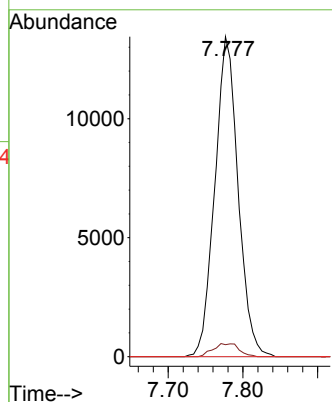


#38
Carbon Tetrachloride
Concen: 5.674 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

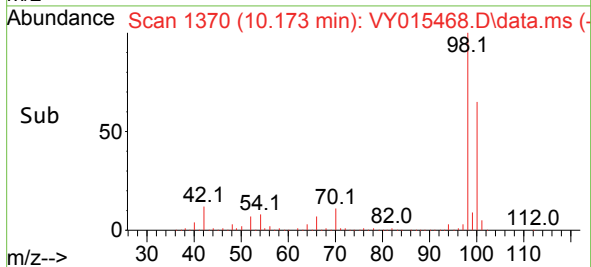
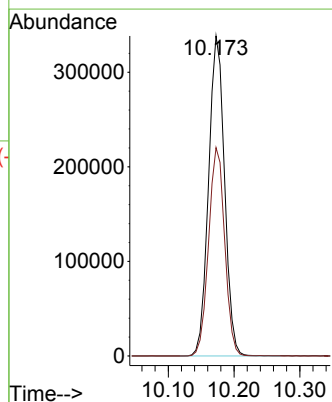
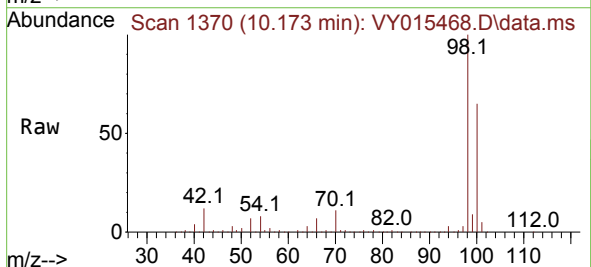


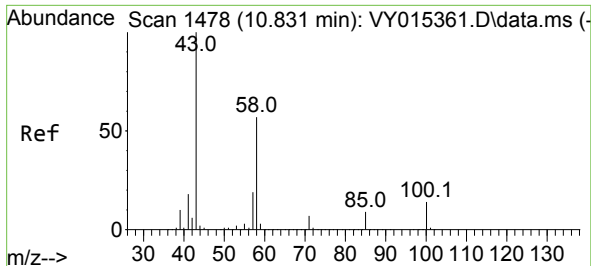
Tgt Ion:117 Resp: 29076
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.840 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Tgt Ion: 98 Resp: 571417
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

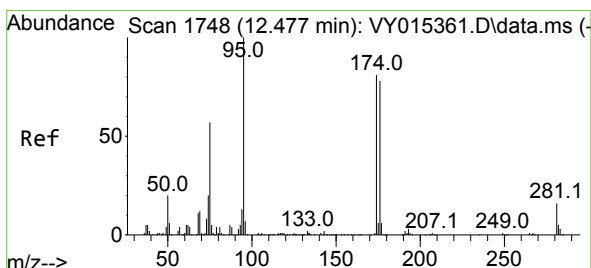
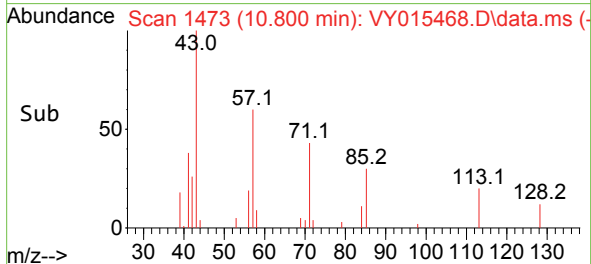
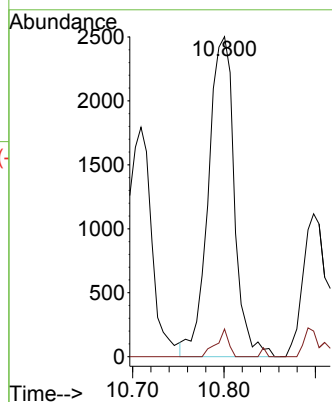
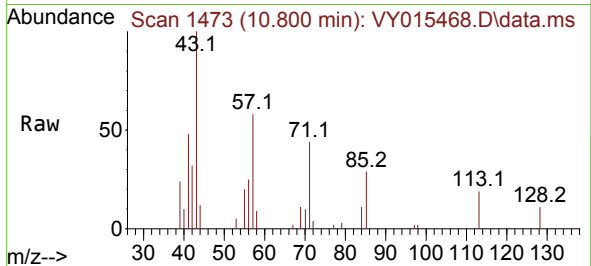




#59
2-Hexanone
Concen: 1.713 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

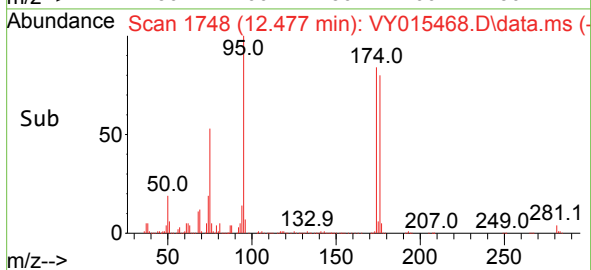
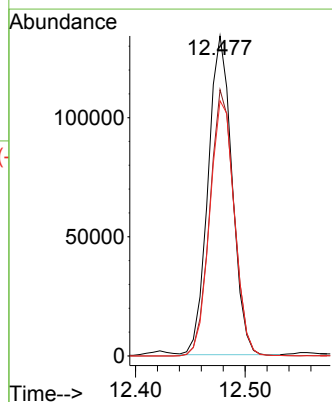
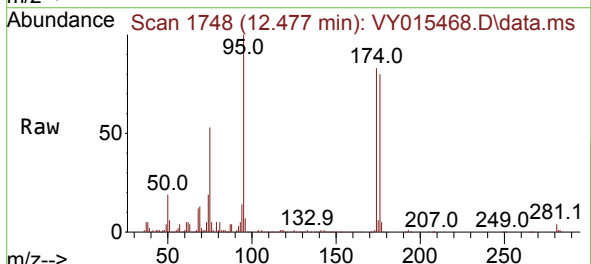
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4945
Ion Ratio Lower Upper
43 100
58 4.0 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 53.380 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015468.D
Acq: 07 Sep 2023 15:27

Tgt Ion: 95 Resp: 202789
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

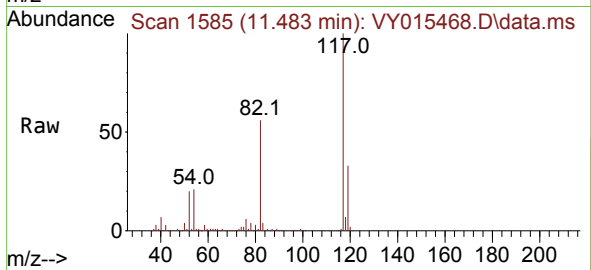
Lab File: VY015468.D

Acq: 07 Sep 2023 15:27

Instrument :

MSVOA_Y

ClientSampleId :



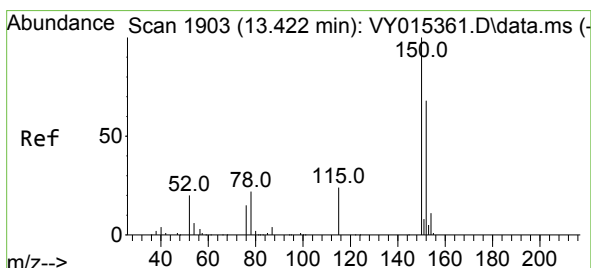
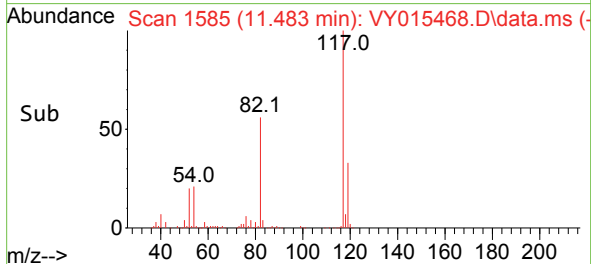
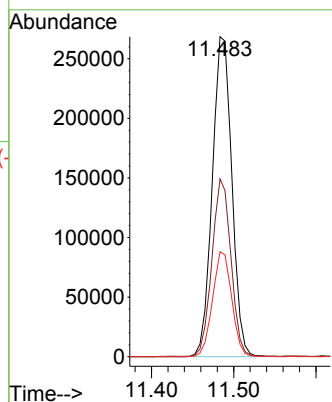
Tgt Ion:117 Resp: 443824

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 32.8 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: VY015468.D

Acq: 07 Sep 2023 15:27

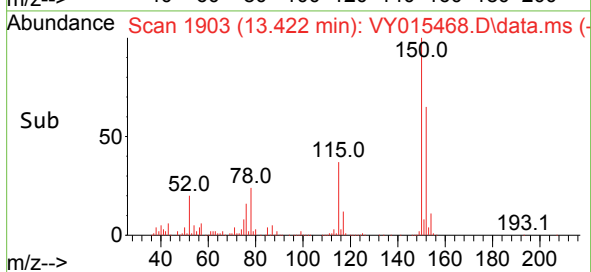
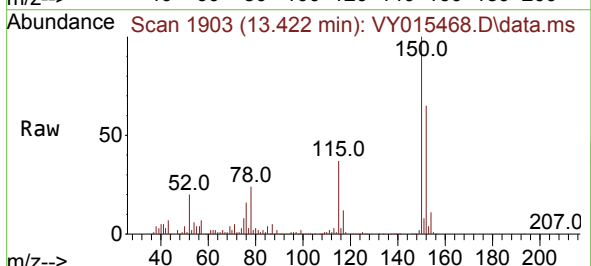
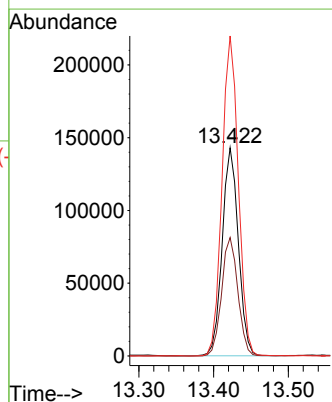
Tgt Ion:152 Resp: 215096

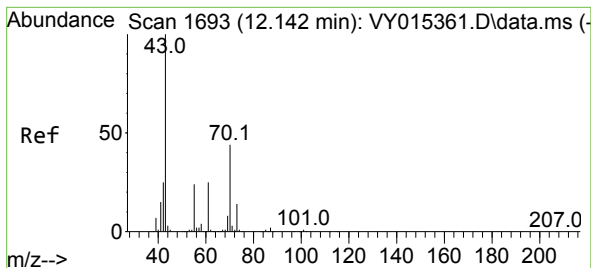
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.1 0.0 348.8





#74

N-amy1 acetate

Concen: 2.255 ug/l

RT: 12.117 min Scan# 1

Delta R.T. -0.024 min

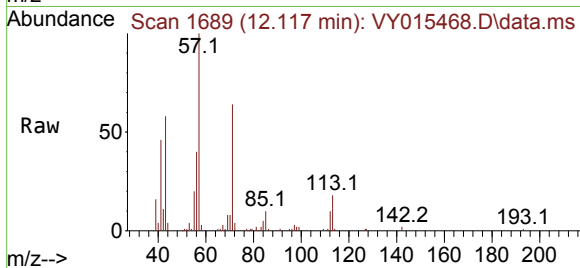
Lab File: VY015468.D

Acq: 07 Sep 2023 15:27

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 12240

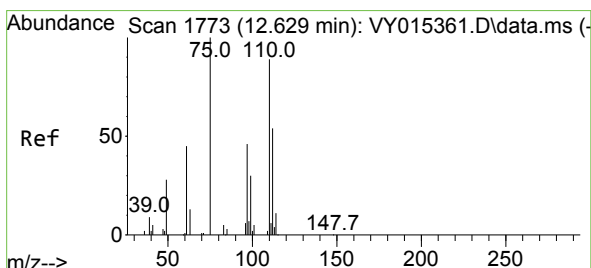
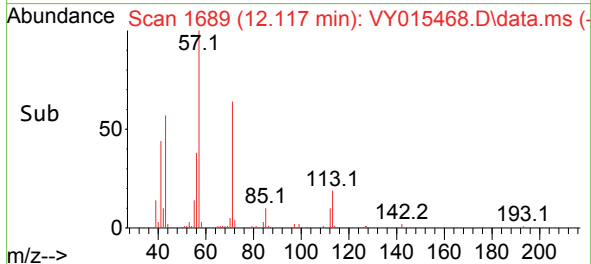
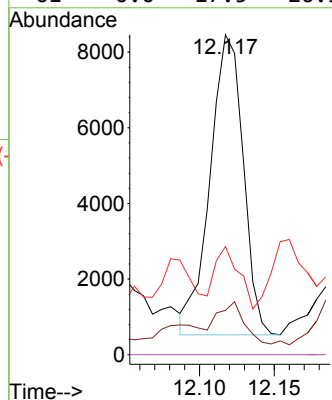
Ion Ratio Lower Upper

43 100

70 11.0 29.7 44.5#

55 14.8 18.3 27.5#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 38.278 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015468.D

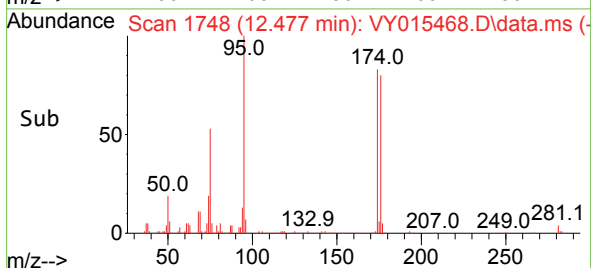
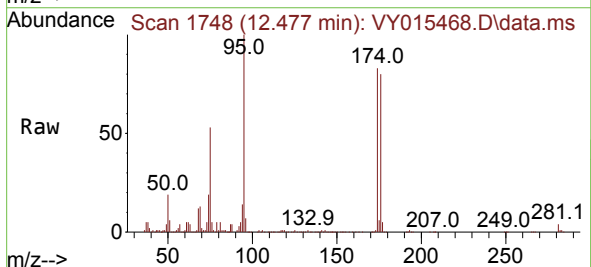
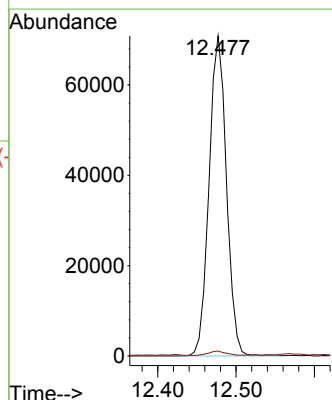
Acq: 07 Sep 2023 15:27

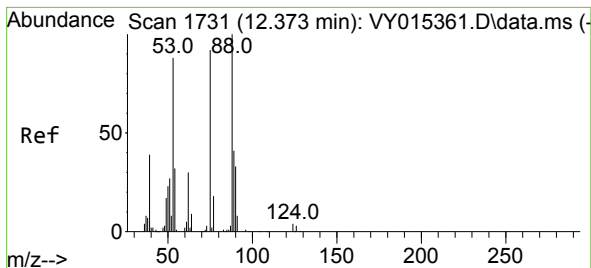
Tgt Ion: 75 Resp: 109183

Ion Ratio Lower Upper

75 100

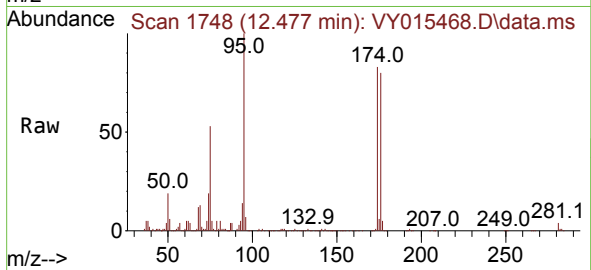
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.436 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015468.D
 Acq: 07 Sep 2023 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 109183
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.8 116.8#
 89 0.2 37.4 56.0#

