

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015571.D
 Acq On : 15 Sep 2023 15:51
 Operator : SY/MD
 Sample : 04405-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 16:16:49 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)

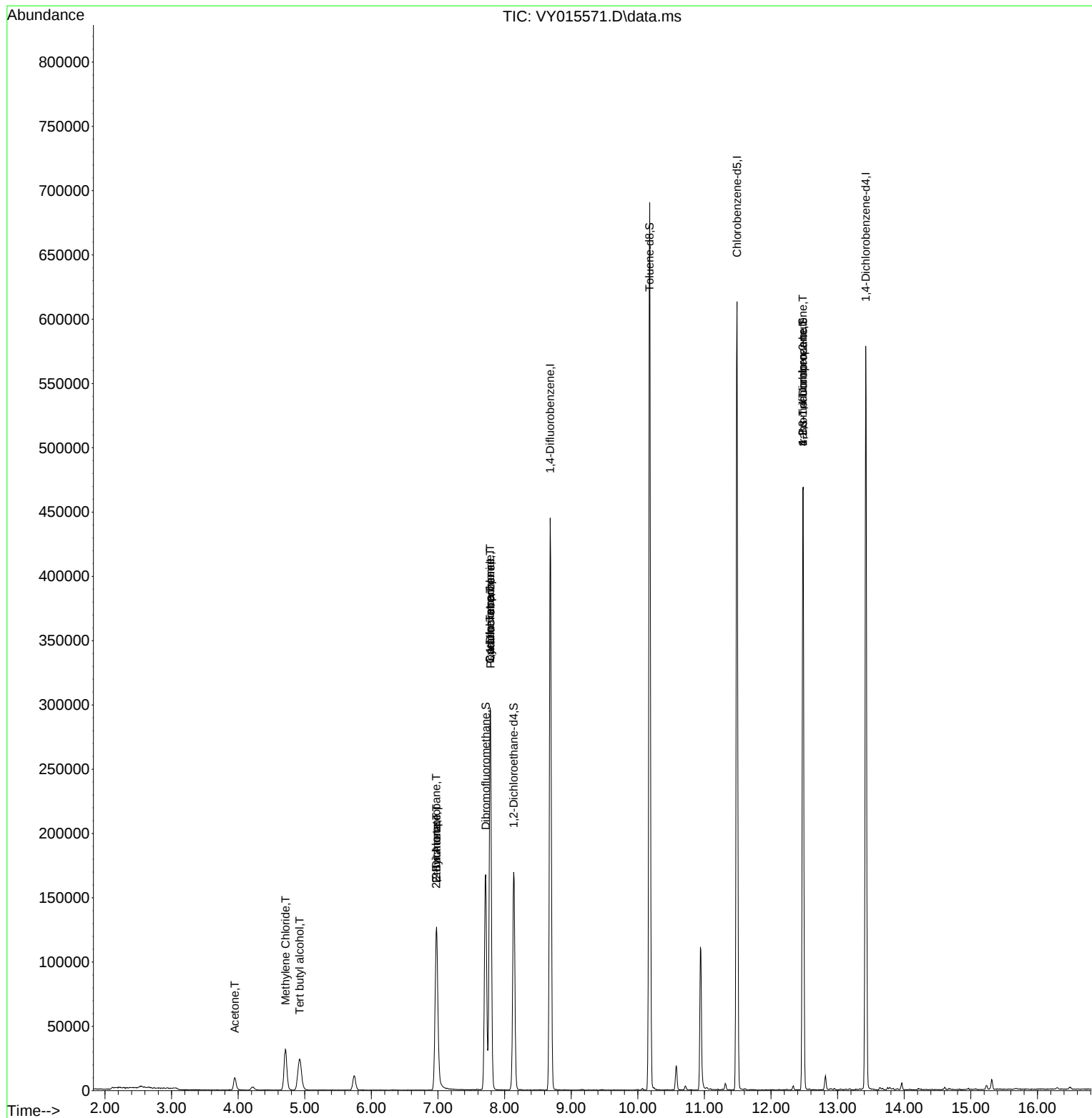
Internal Standards						
1) Pentafluorobenzene	7.789	168	232695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133684	53.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.716	113	118923	54.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.179	98	442055	55.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.477	95	143054	48.721	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	25258	29.687	ug/l #	90
16) Acetone	3.948	43	17574	16.879	ug/l	96
20) Methylene Chloride	4.710	84	23858	1.230	ug/l	91
25) 2-Butanone	6.978	43	6658	4.509	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	8990	2.273	ug/l #	54
31) Cyclohexane	7.783	56	4935	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17702	4.616	ug/l #	50
37) Ethyl Acetate	6.978	43	6658	2.251	ug/l #	1
38) Carbon Tetrachloride	7.783	117	23286	5.879	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	76246	38.871	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76246	85.745	ug/l #	10

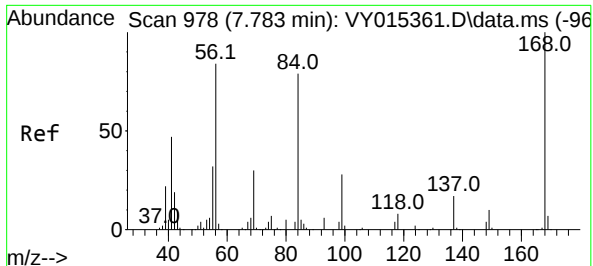
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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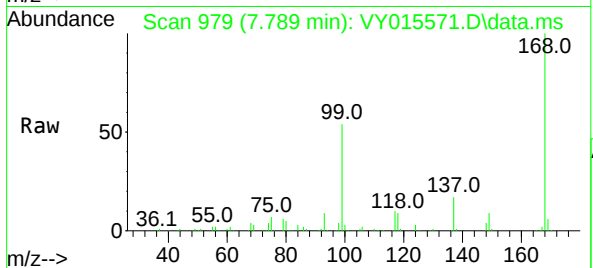
Quant Time: Sep 15 16:16:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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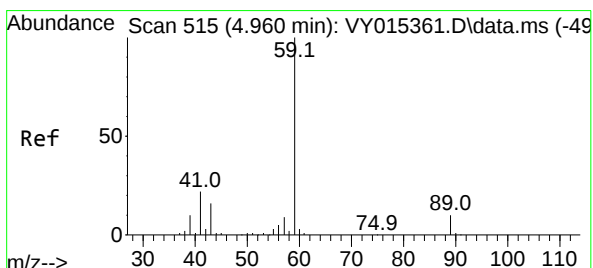
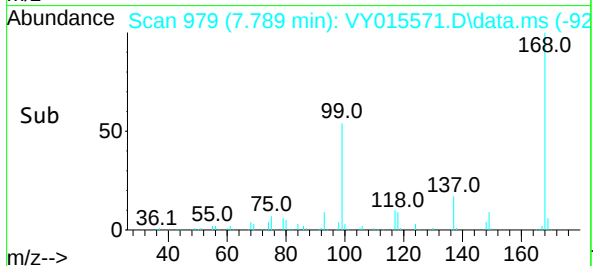
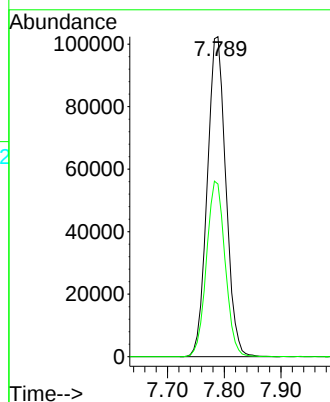


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

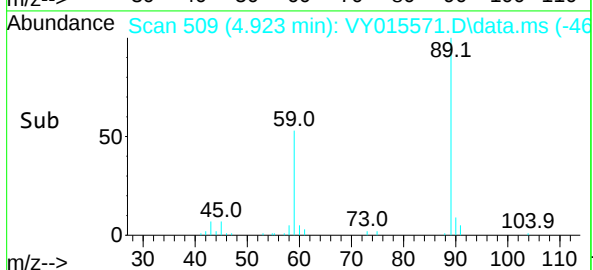
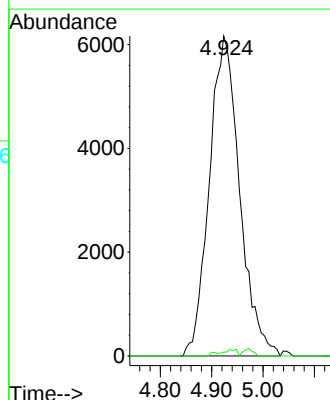
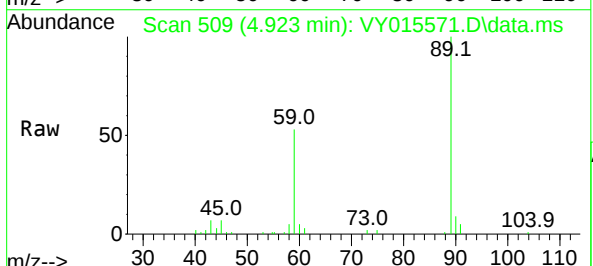


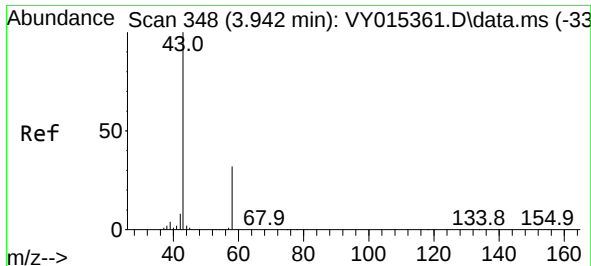
Tgt Ion:168 Resp: 232695
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 29.687 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 59 Resp: 25258
Ion Ratio Lower Upper
59 100
57 0.3 3.0 4.4#

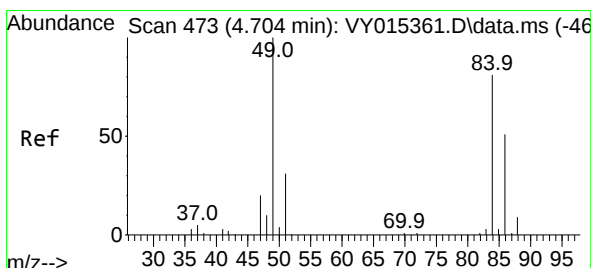
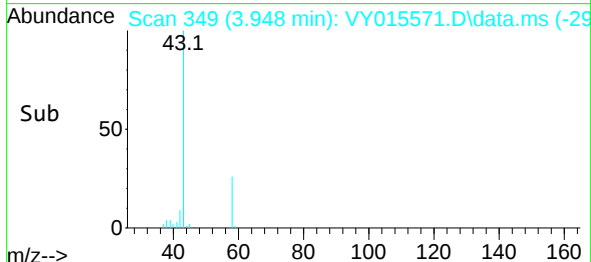
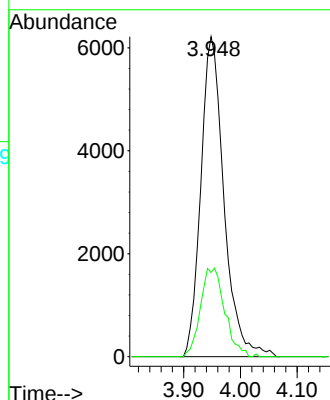
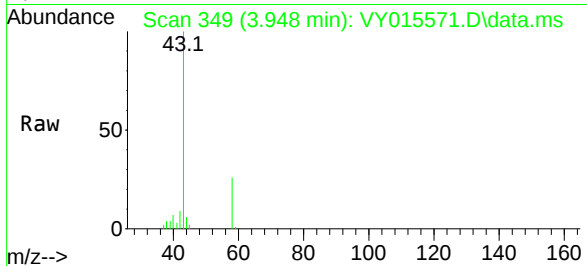




#16
Acetone
Concen: 16.879 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

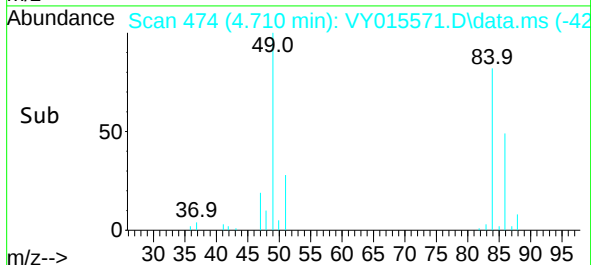
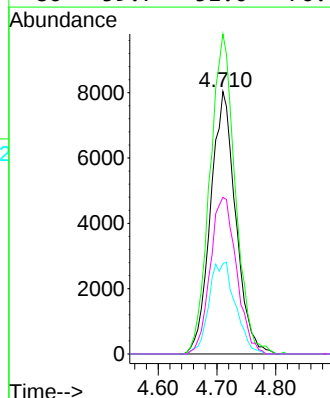
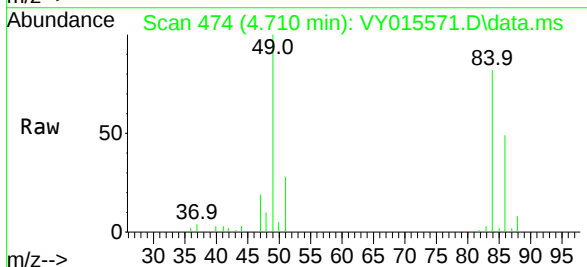
Instrument :
MSVOA_Y
ClientSampleId :

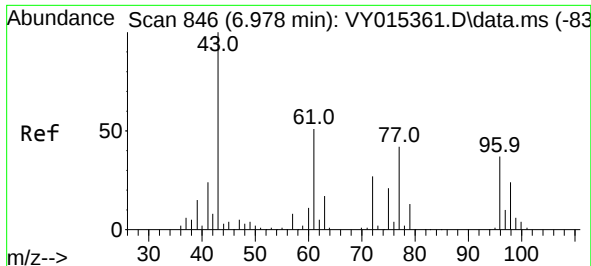
Tgt Ion: 43 Resp: 17574
Ion Ratio Lower Upper
43 100
58 26.3 22.7 34.1



#20
Methylene Chloride
Concen: 1.230 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 84 Resp: 23858
Ion Ratio Lower Upper
84 100
49 122.0 106.9 160.3
51 34.4 33.2 49.8
86 59.7 51.0 76.6





#25

2-Butanone

Concen: 4.509 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015571.D

Acq: 15 Sep 2023 15:51

Instrument :

MSVOA_Y

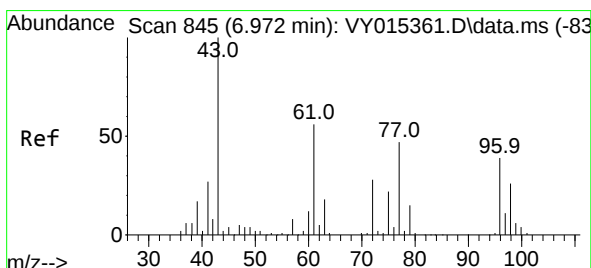
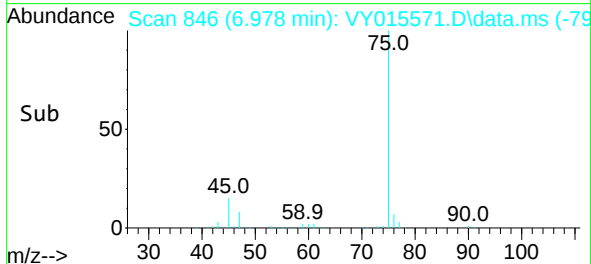
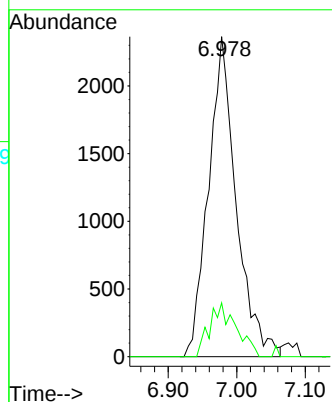
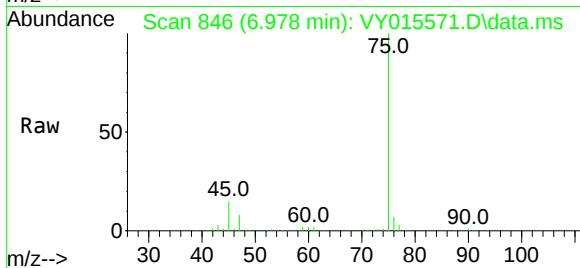
ClientSampleId :

Tgt Ion: 43 Resp: 6658

Ion Ratio Lower Upper

43 100

72 16.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 2.273 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY015571.D

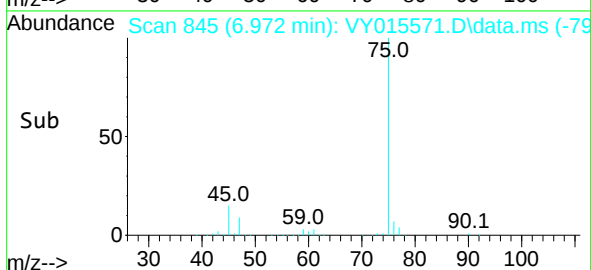
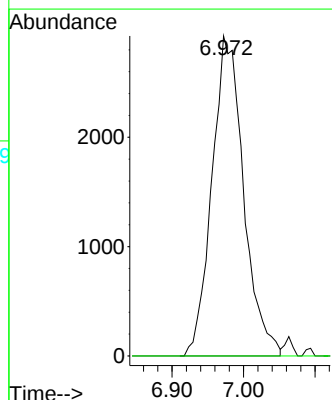
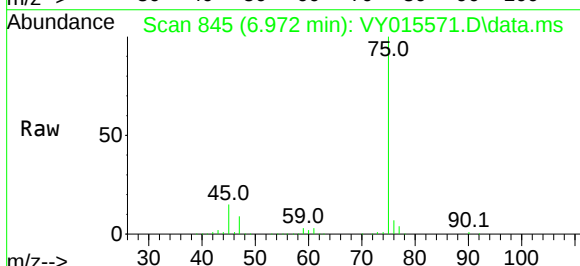
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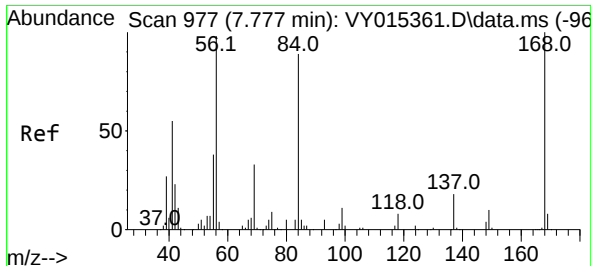
Tgt Ion: 77 Resp: 8990

Ion Ratio Lower Upper

77 100

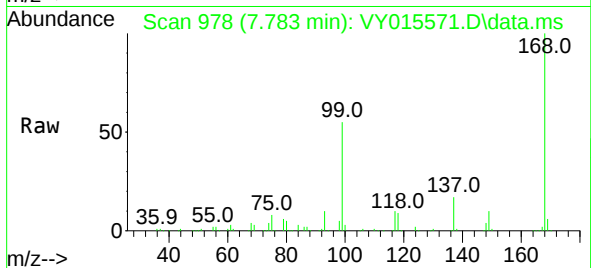
97 0.0 10.9 32.9#



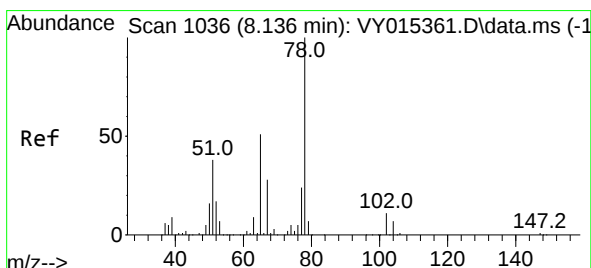
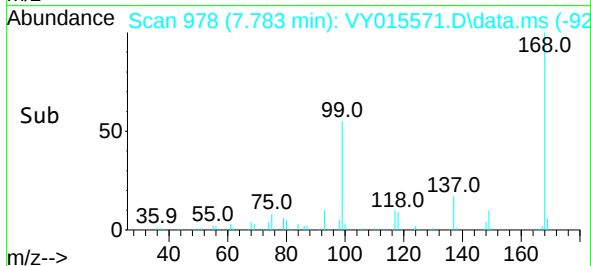
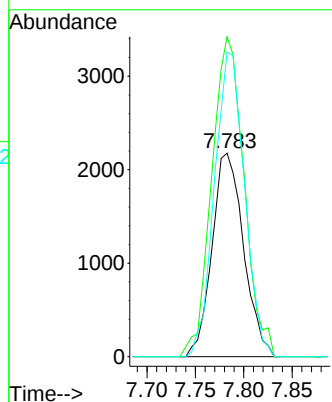


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

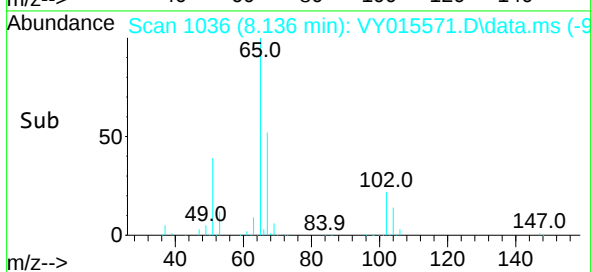
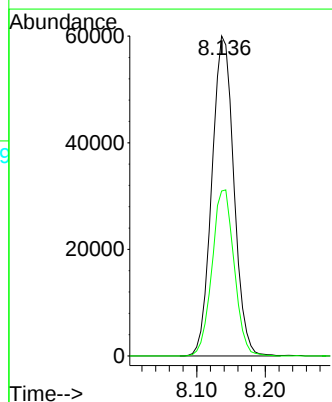
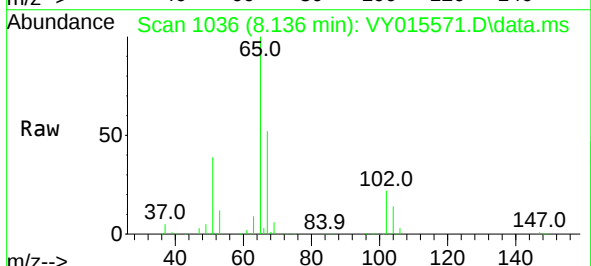


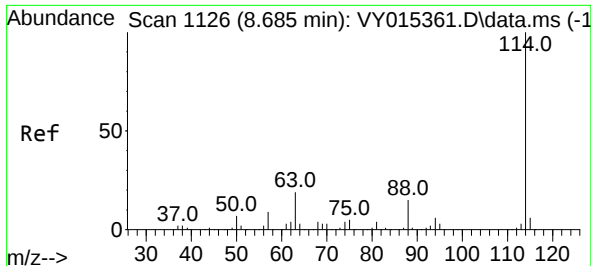
Tgt Ion: 56 Resp: 4935
Ion Ratio Lower Upper
56 100
69 157.2 27.8 41.6#
84 149.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.592 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 65 Resp: 133684
Ion Ratio Lower Upper
65 100
67 52.4 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: VY015571.D

Acq: 15 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

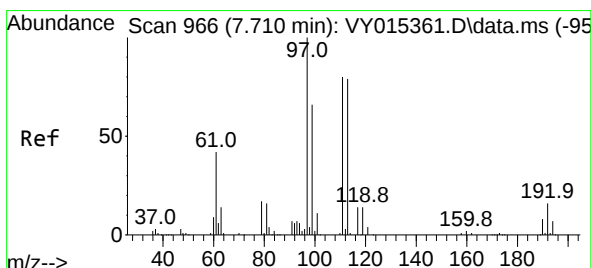
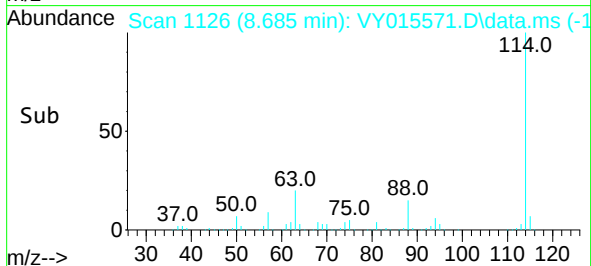
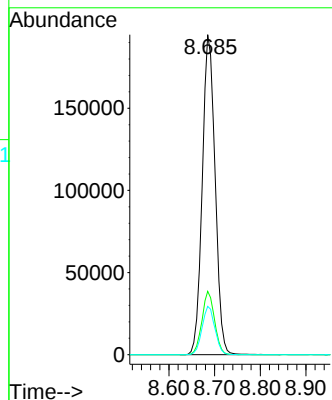
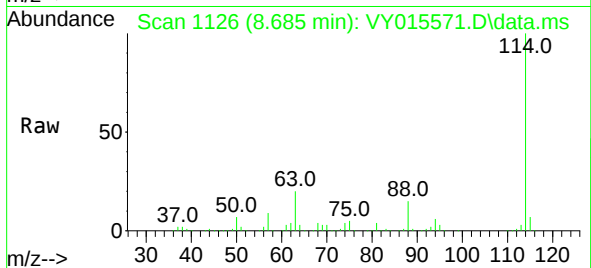
Tgt Ion:114 Resp: 379188

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.451 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015571.D

Acq: 15 Sep 2023 15:51

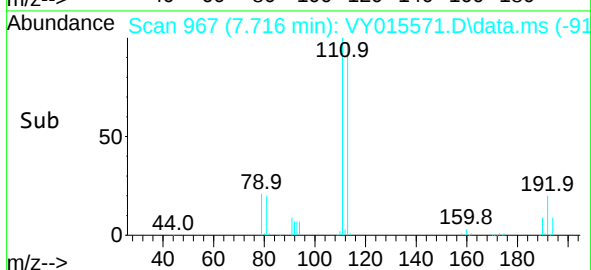
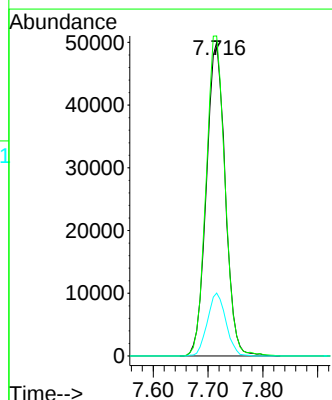
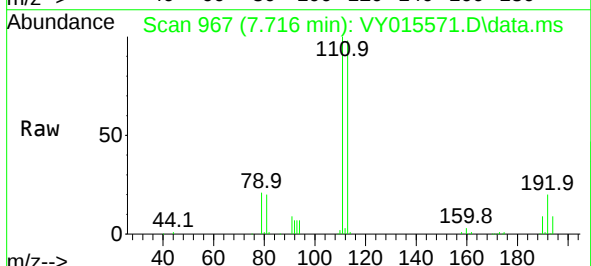
Tgt Ion:113 Resp: 118923

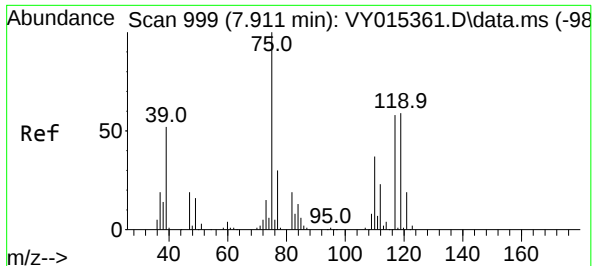
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.8 16.9 25.3

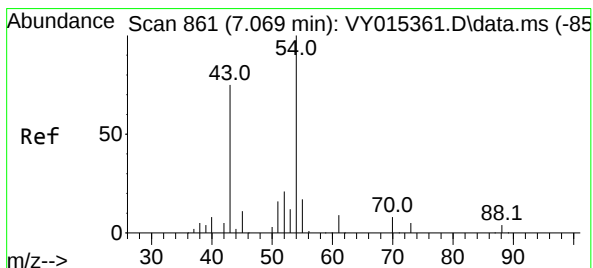
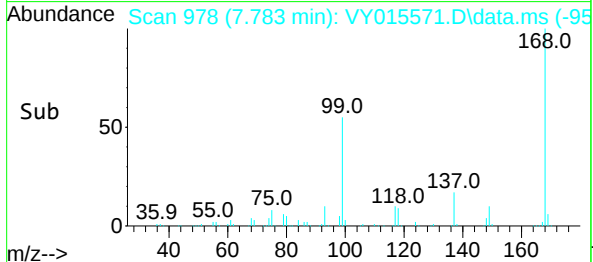
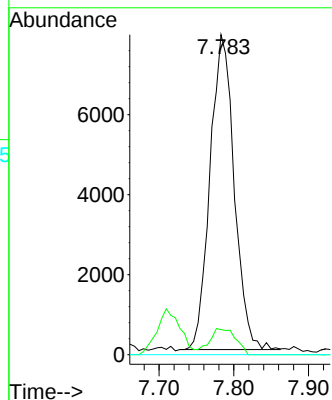
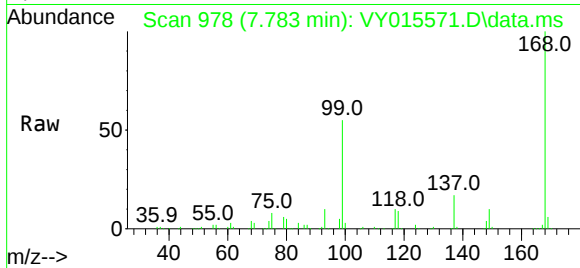




#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

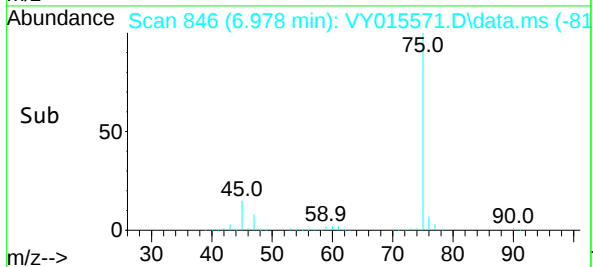
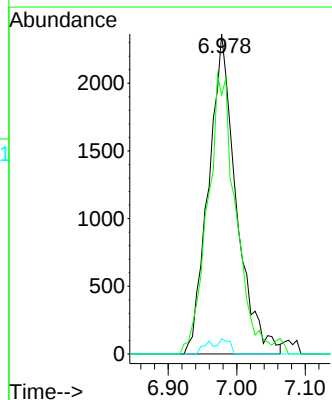
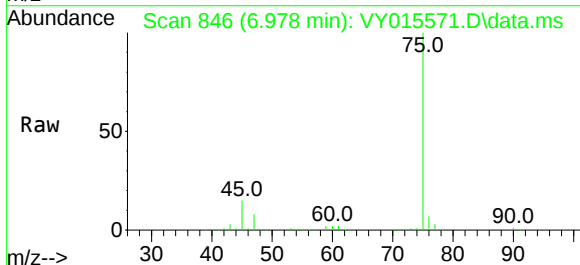
Instrument :
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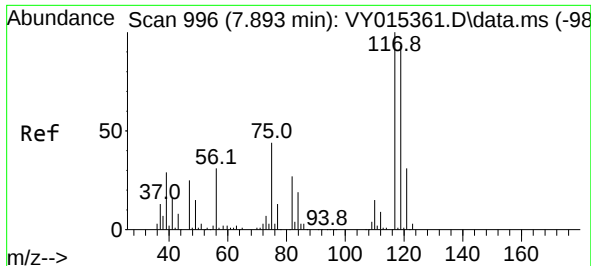
Tgt Ion: 75 Resp: 17702
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.251 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

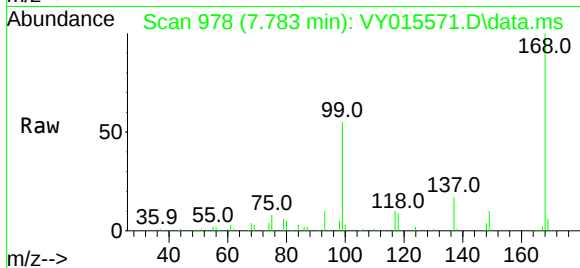
Tgt Ion: 43 Resp: 6658
Ion Ratio Lower Upper
43 100
61 89.0 10.1 15.1#
70 2.0 7.1 10.7#



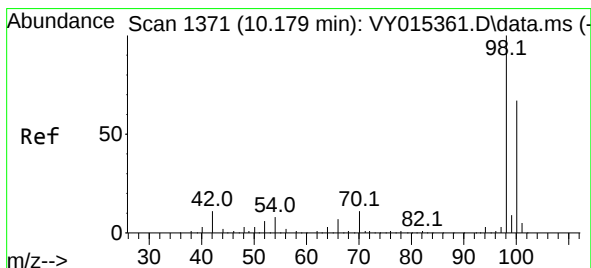
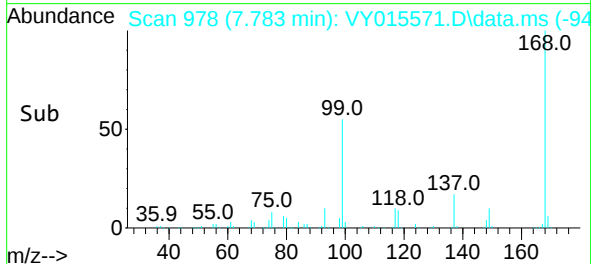
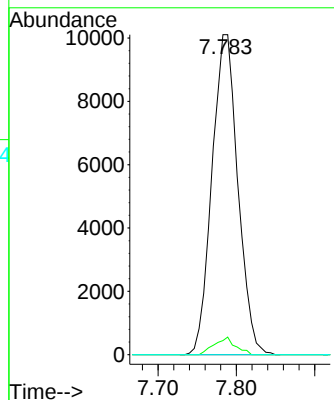


#38
Carbon Tetrachloride
Concen: 5.879 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

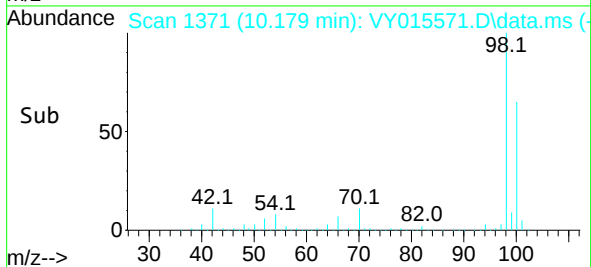
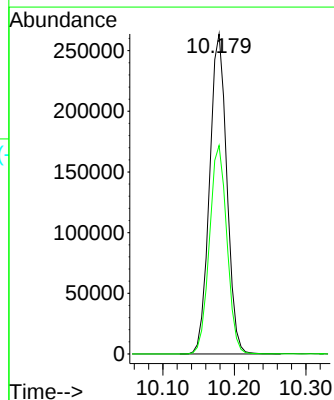
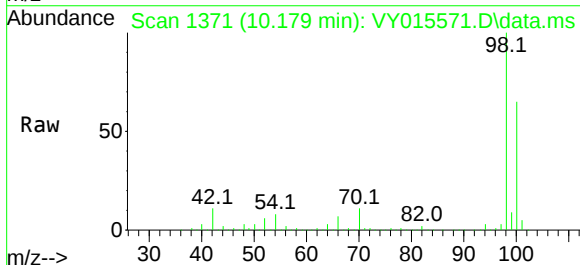


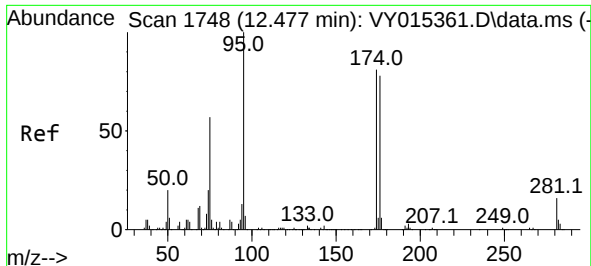
Tgt Ion:117 Resp: 23286
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.891 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 98 Resp: 442055
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

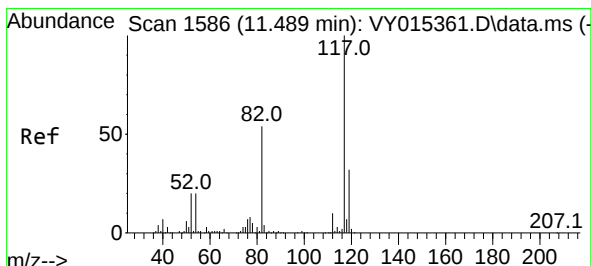
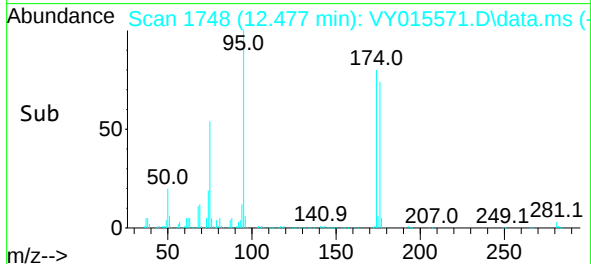
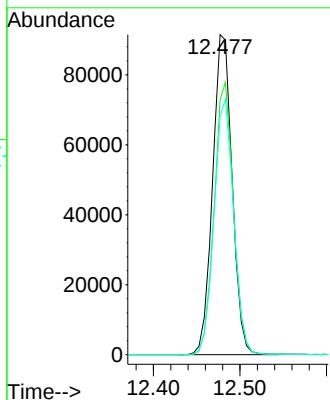
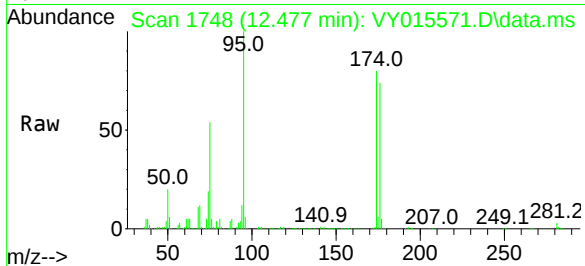




#62
4-Bromofluorobenzene
Concen: 48.721 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

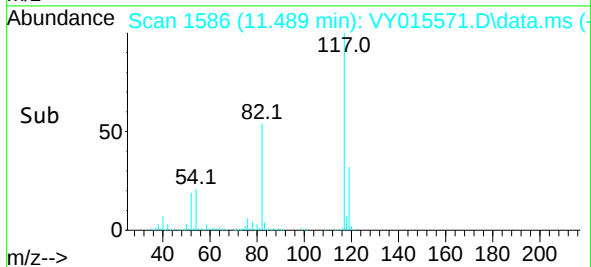
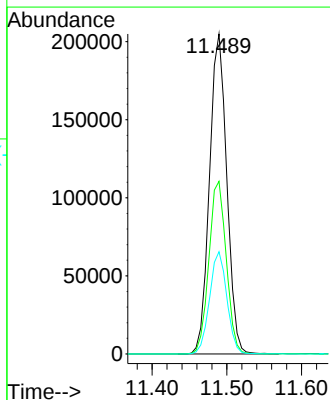
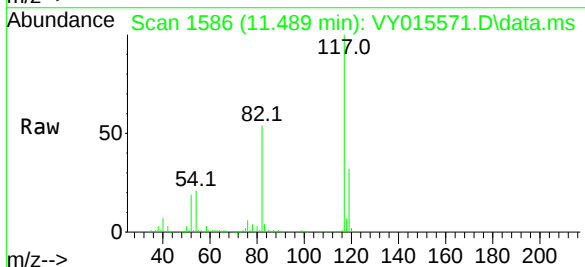
Instrument :
MSVOA_Y
ClientSampleId :

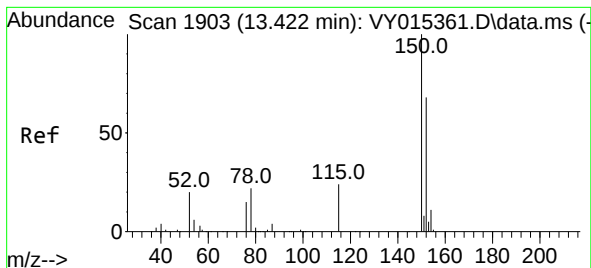
Tgt Ion: 95 Resp: 143054
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 79.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 117 Resp: 329653
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.9 26.3 39.5

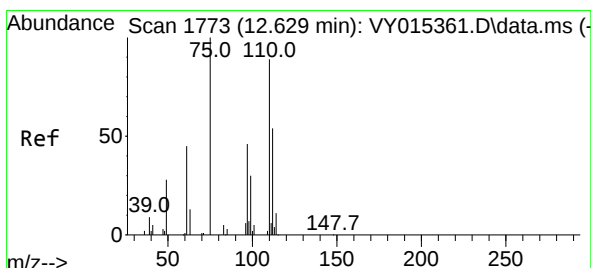
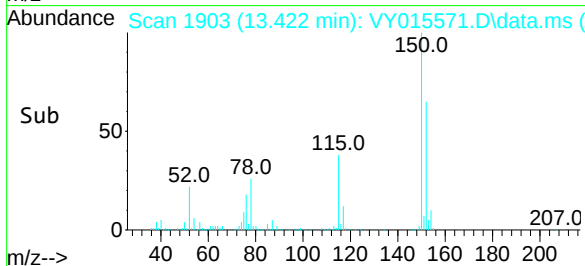
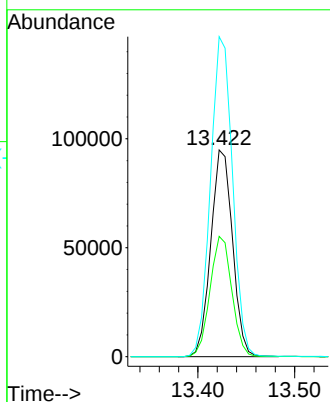
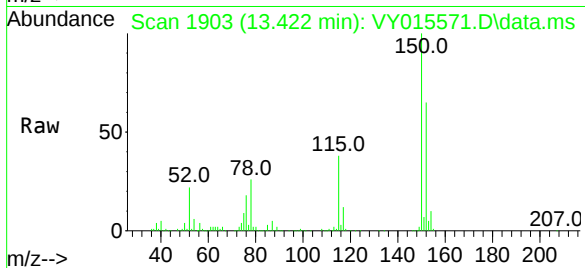




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015571.D
 Acq: 15 Sep 2023 15:51

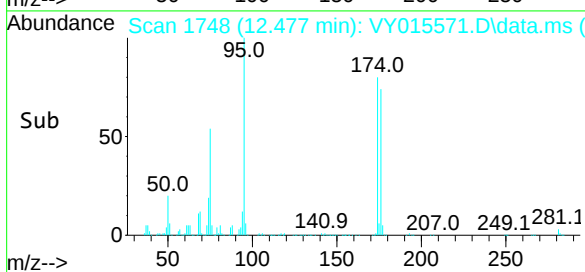
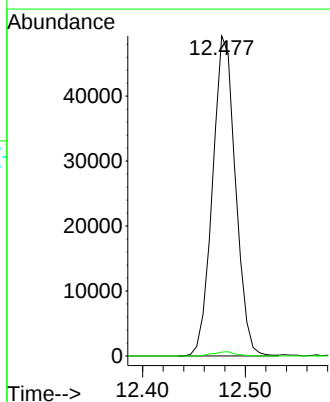
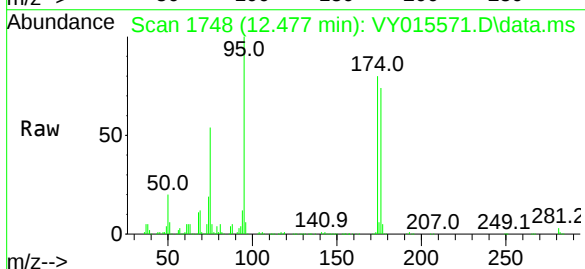
Instrument :
 MSVOA_Y
 ClientSampleId :

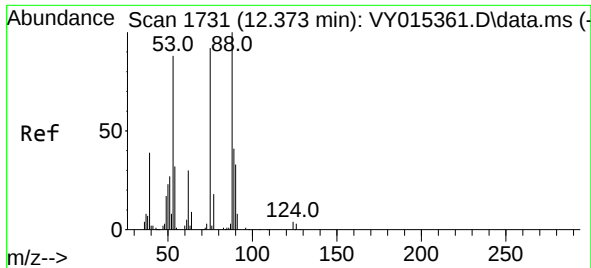
Tgt Ion:152 Resp: 147915
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 157.0 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.871 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015571.D
 Acq: 15 Sep 2023 15:51

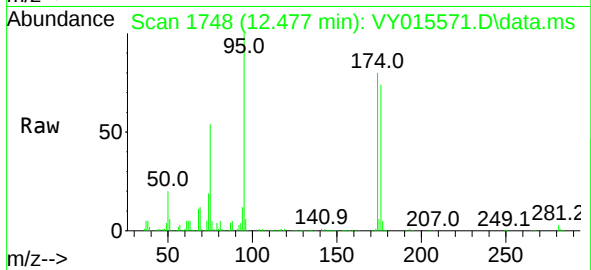
Tgt Ion: 75 Resp: 76246
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.745 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	76246
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

