

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015486.D
 Acq On : 11 Sep 2023 14:52
 Operator : SY/MD
 Sample : 04312-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:18:13 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)

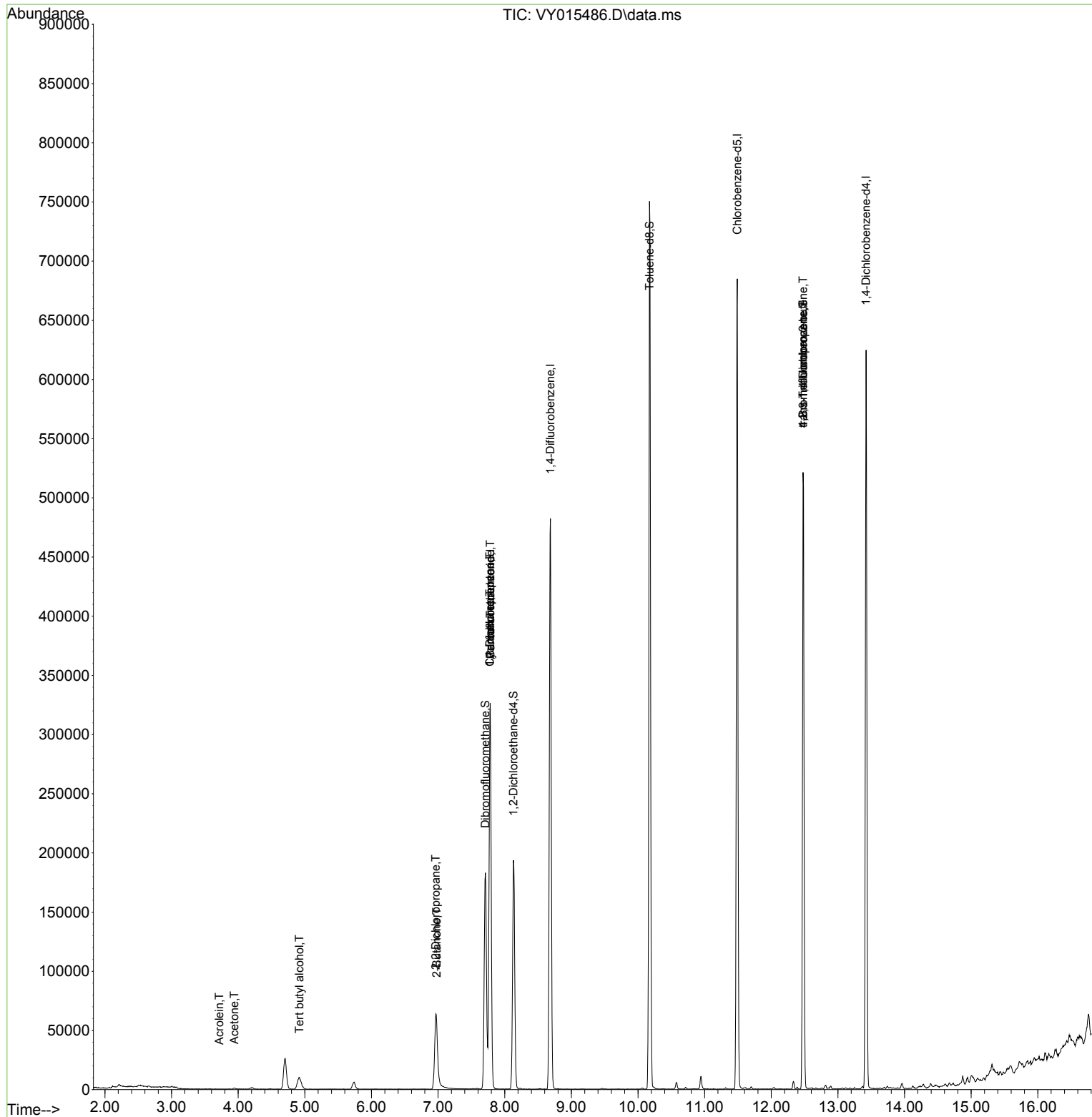
Internal Standards						
1) Pentafluorobenzene	7.783	168	257819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	156660	56.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.360%	
35) Dibromofluoromethane	7.710	113	131240	54.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.620%	
50) Toluene-d8	10.173	98	490879	56.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.180%	
62) 4-Bromofluorobenzene	12.477	95	158508	48.789	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	12116	3.374	ug/l #	92
13) Acrolein	3.717	56	42	11.698	ug/l #	14
16) Acetone	3.942	43	1391	1.206	ug/l	95
20) Methylene Chloride	4.704	84	20152	Below Cal		88
25) 2-Butanone	6.978	43	3674	2.245	ug/l #	83
26) 2,2-Dichloropropane	6.966	77	4681	1.068	ug/l #	54
31) Cyclohexane	7.777	56	5080	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	18700	4.407	ug/l #	50
38) Carbon Tetrachloride	7.783	117	25356	5.786	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	84809	40.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	84809	89.461	ug/l #	10

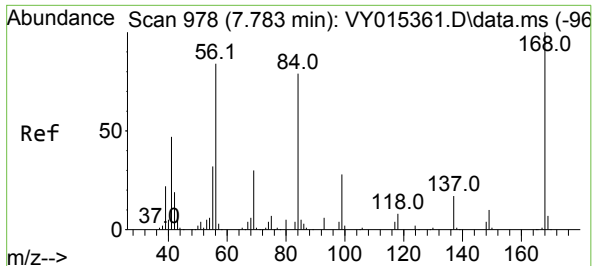
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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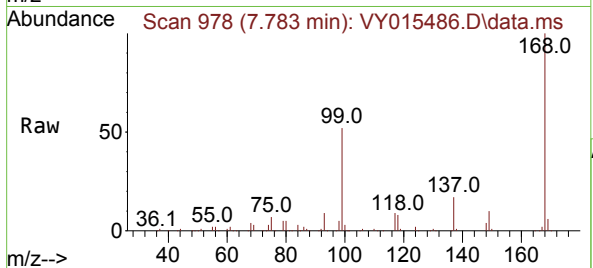
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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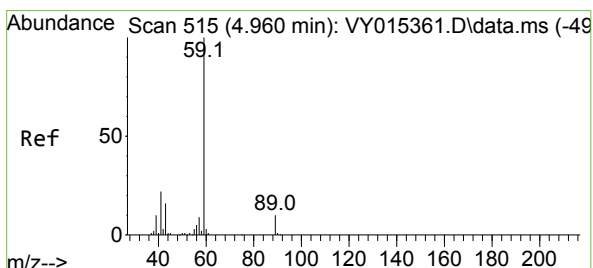
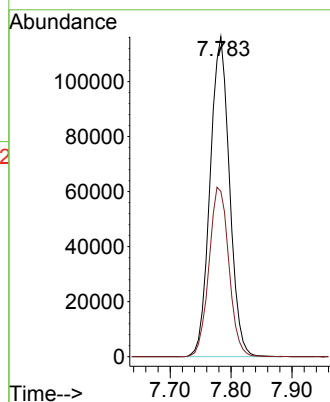
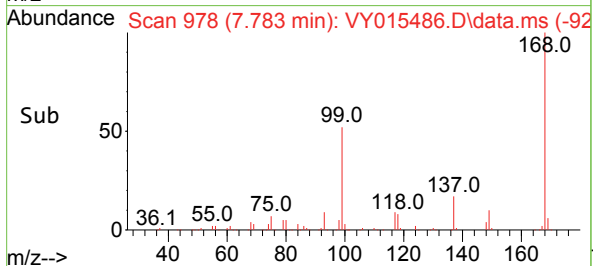


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

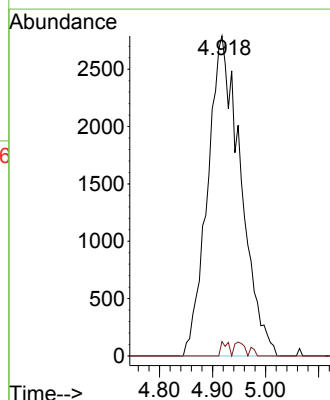
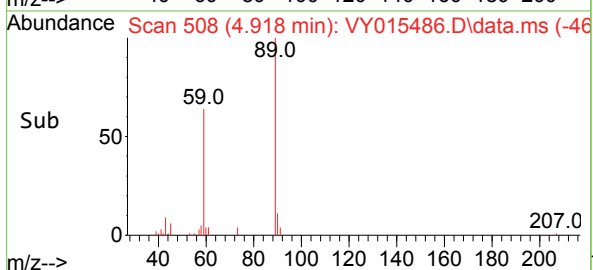
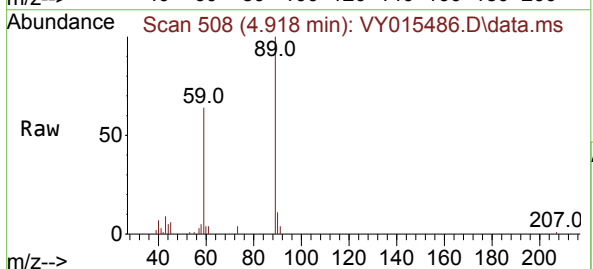


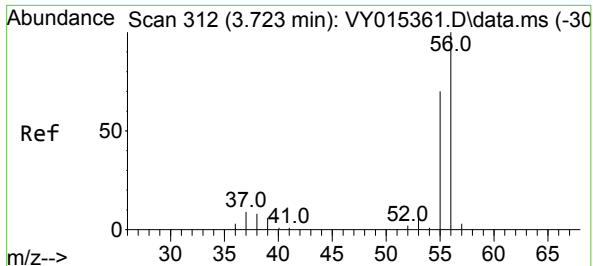
Tgt Ion:168 Resp: 257819
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.374 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

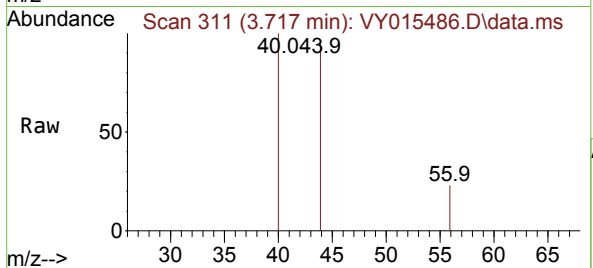
Tgt Ion: 59 Resp: 12116
Ion Ratio Lower Upper
59 100
57 1.0 3.0 4.4#



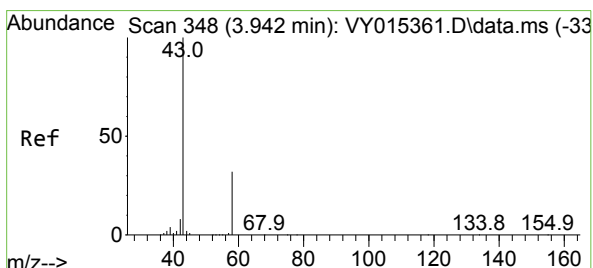
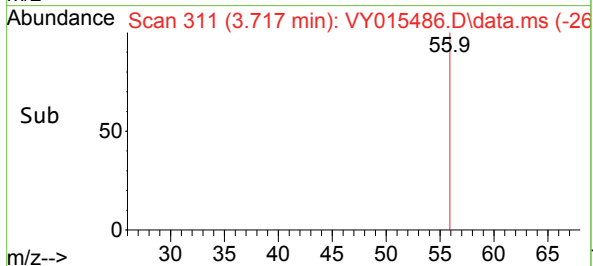
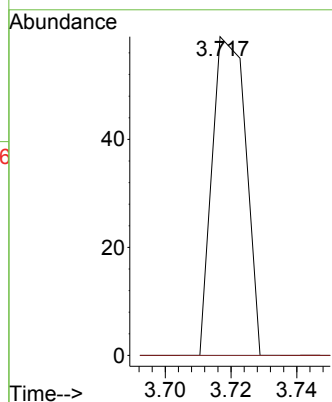


#13
Acrolein
Concen: 11.698 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

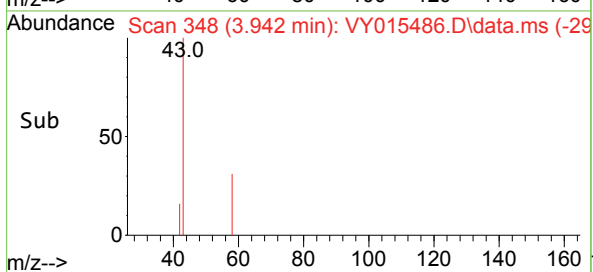
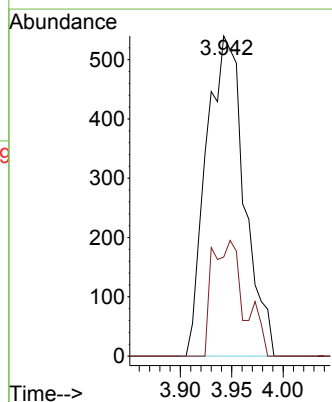
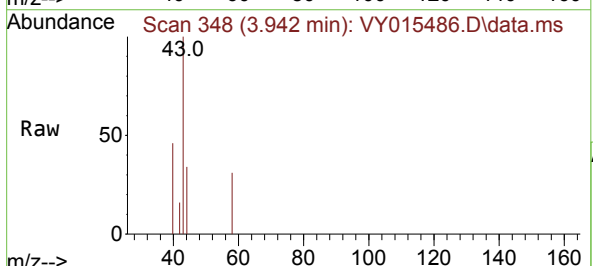


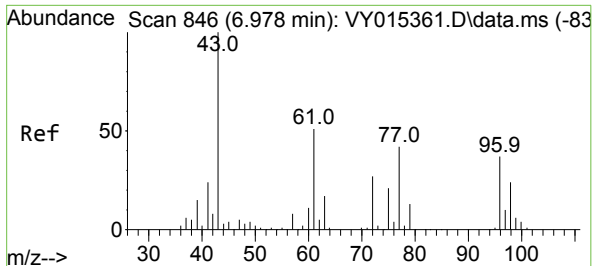
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 1.206 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1





#25

2-Butanone

Concen: 2.245 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY015486.D

Acq: 11 Sep 2023 14:52

Instrument :

MSVOA_Y

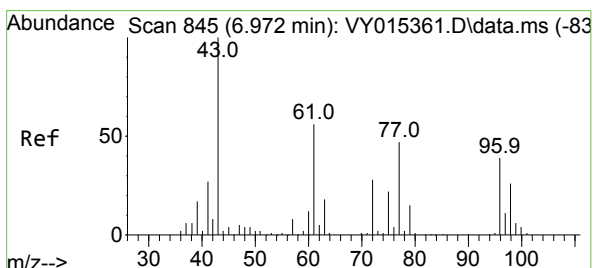
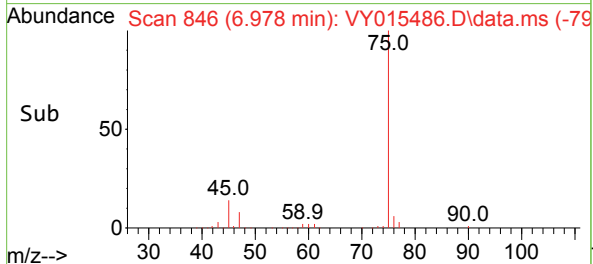
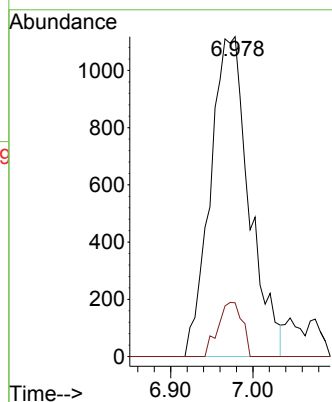
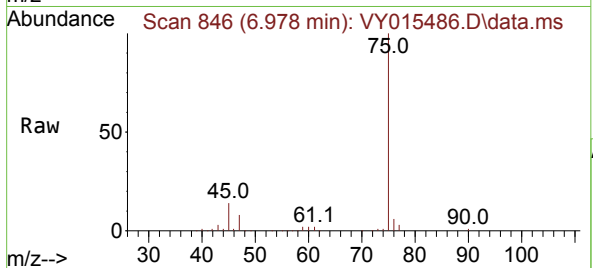
ClientSampleId :

Tgt Ion: 43 Resp: 3674

Ion Ratio Lower Upper

43 100

72 16.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.068 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY015486.D

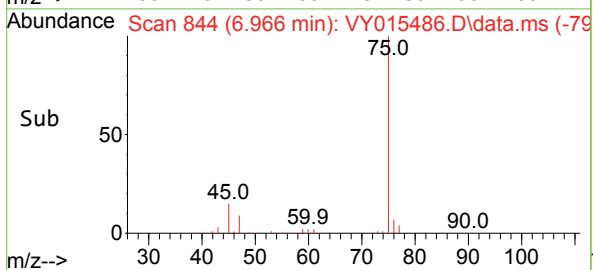
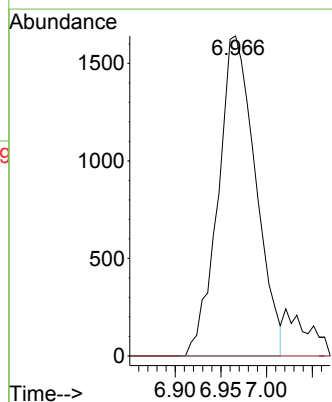
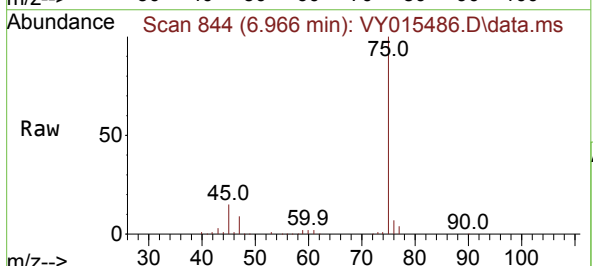
Acq: 11 Sep 2023 14:52

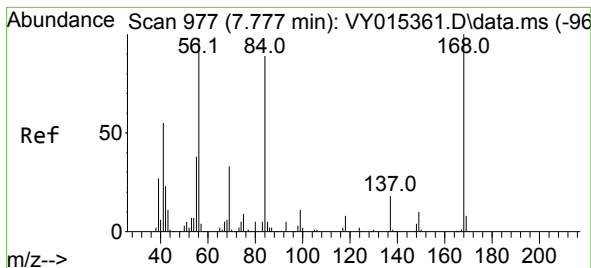
Tgt Ion: 77 Resp: 4681

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#





#31

Cyclohexane

Concen: 1.035 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015486.D

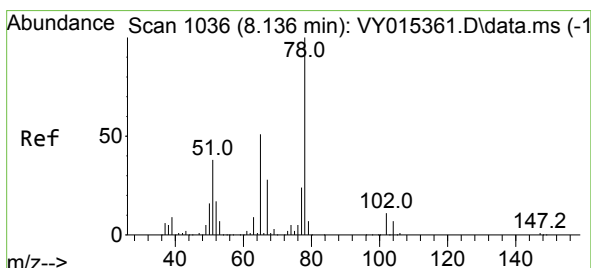
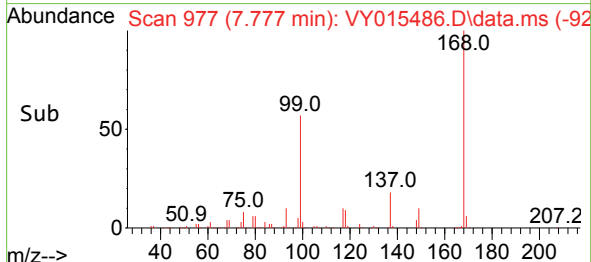
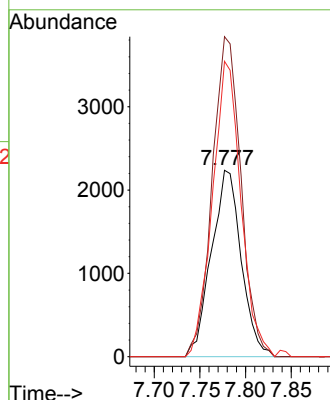
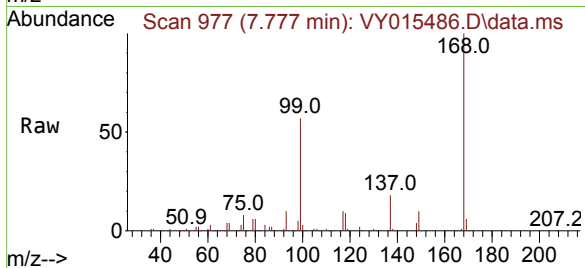
Acq: 11 Sep 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	56	Resp:	5080
Ion	Ratio	Lower	Upper
56	100		
69	171.6	27.8	41.6#
84	158.4	66.4	99.6#



#33

1,2-Dichloroethane-d4

Concen: 56.683 ug/l

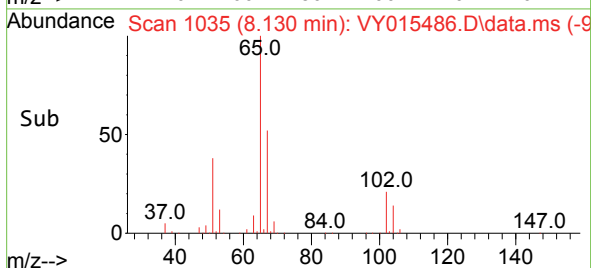
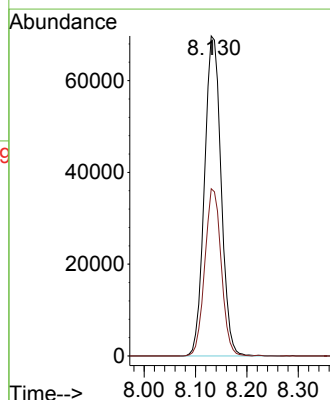
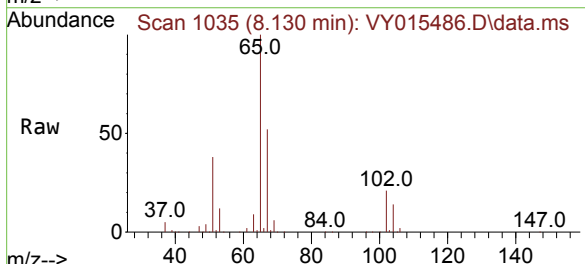
RT: 8.130 min Scan# 1035

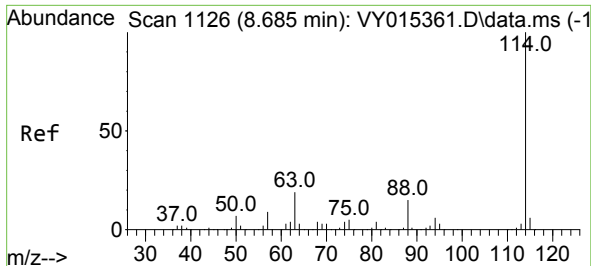
Delta R.T. -0.006 min

Lab File: VY015486.D

Acq: 11 Sep 2023 14:52

Tgt Ion:	65	Resp:	156660
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VY015486.D

Acq: 11 Sep 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

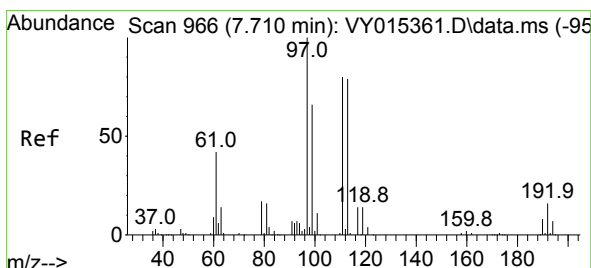
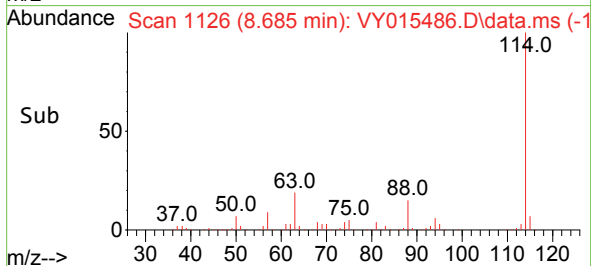
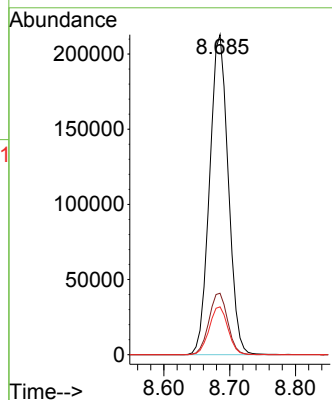
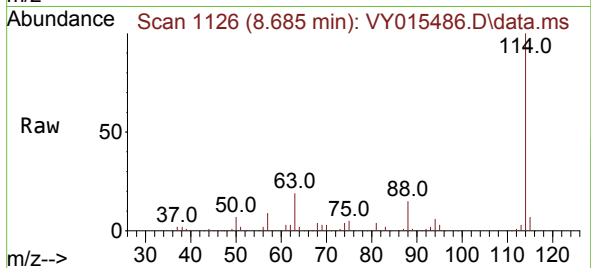
Tgt Ion:114 Resp: 419562

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.308 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015486.D

Acq: 11 Sep 2023 14:52

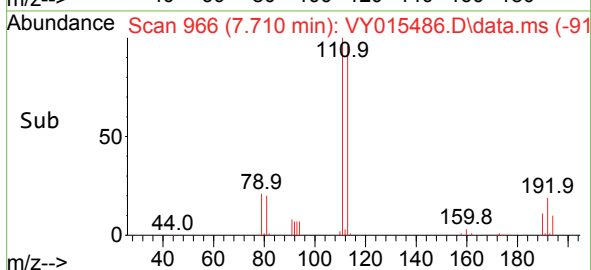
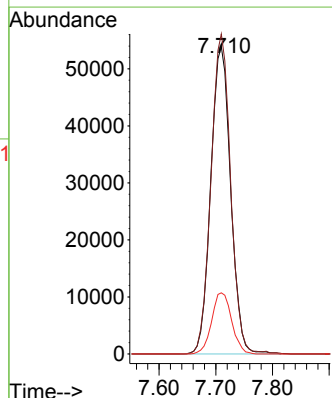
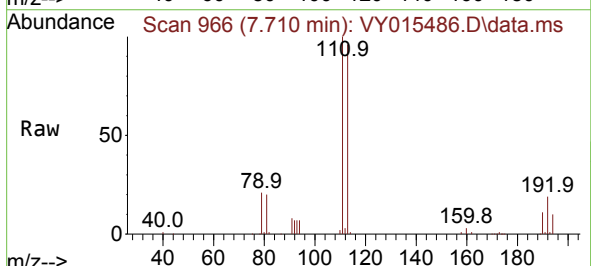
Tgt Ion:113 Resp: 131240

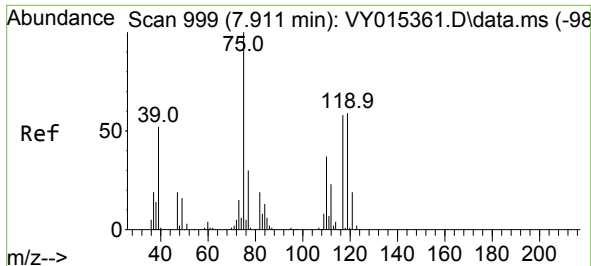
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

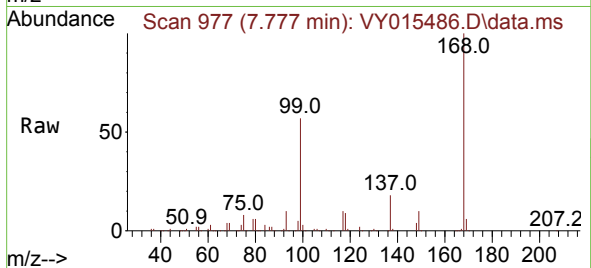
192 20.0 16.9 25.3



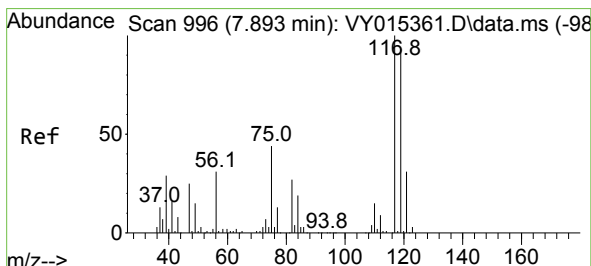
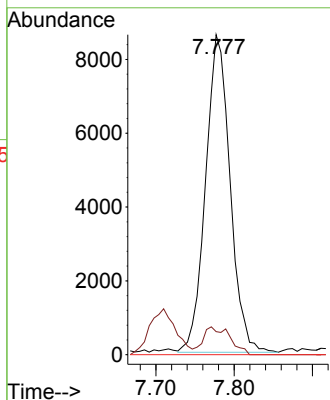
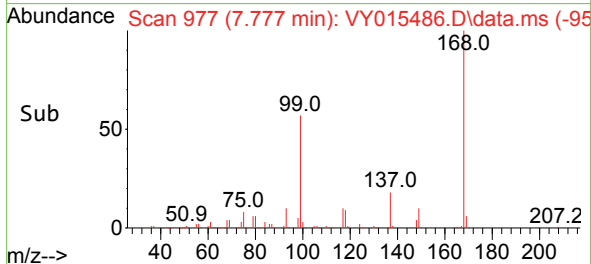


#36
 1,1-Dichloropropene
 Concen: 4.407 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY015486.D
 Acq: 11 Sep 2023 14:52

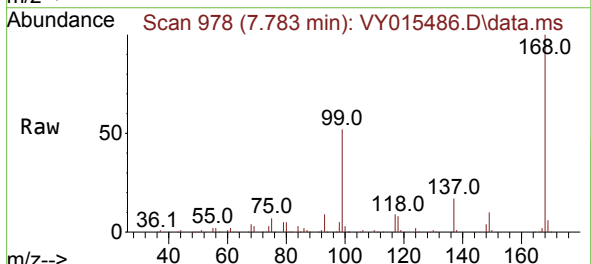
Instrument :
 MSVOA_Y
 ClientSampleId :



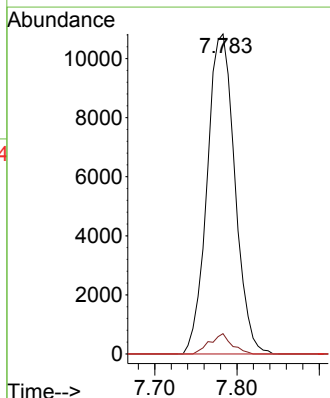
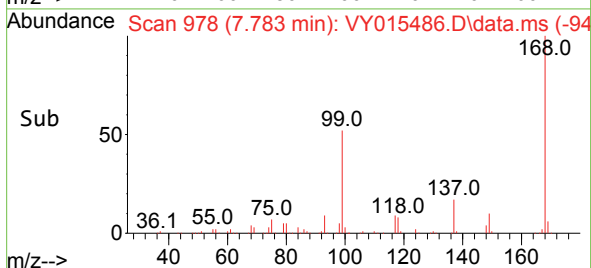
Tgt Ion: 75 Resp: 18700
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.8 53.5#
 77 0.0 24.4 36.6#

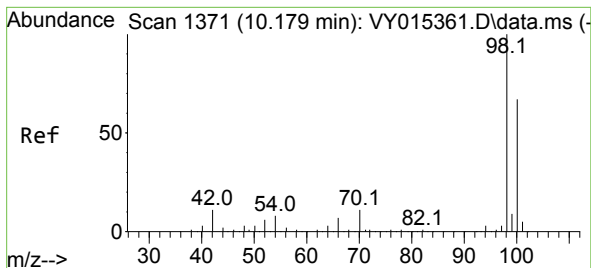


#38
 Carbon Tetrachloride
 Concen: 5.786 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY015486.D
 Acq: 11 Sep 2023 14:52



Tgt Ion: 117 Resp: 25356
 Ion Ratio Lower Upper
 117 100
 119 6.4 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.092 ug/l

RT: 10.173 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015486.D

Acq: 11 Sep 2023 14:52

Instrument :

MSVOA_Y

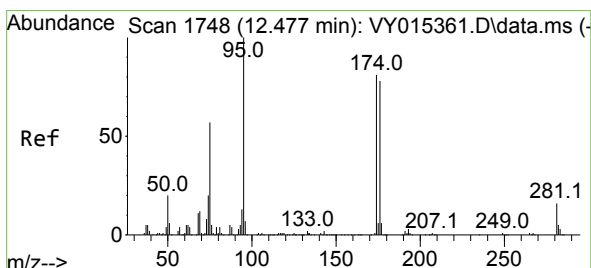
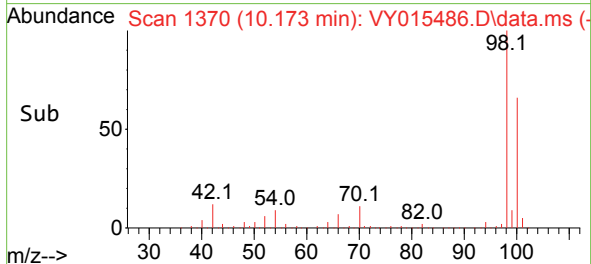
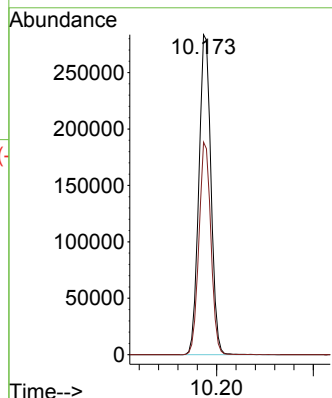
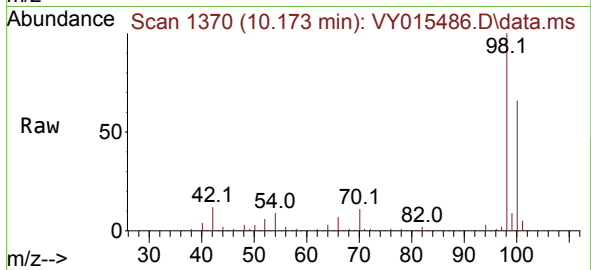
ClientSampleId :

Tgt Ion: 98 Resp: 490879

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.789 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015486.D

Acq: 11 Sep 2023 14:52

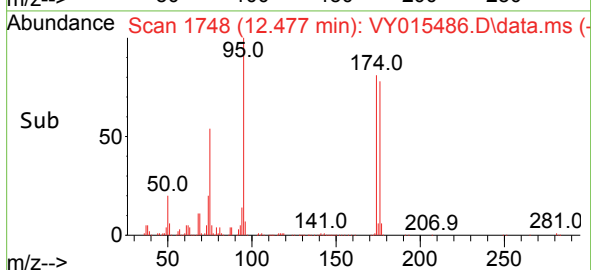
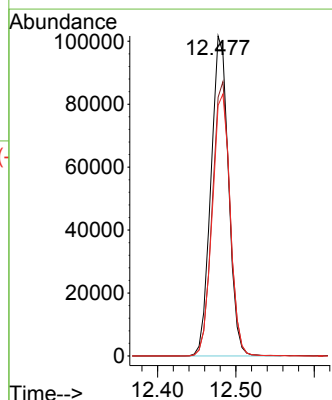
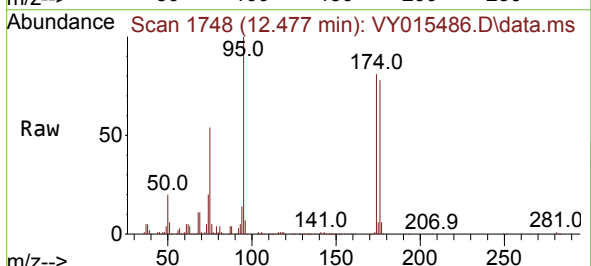
Tgt Ion: 95 Resp: 158508

Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 83.8 0.0 173.8

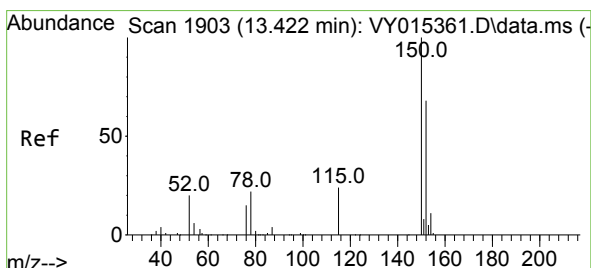
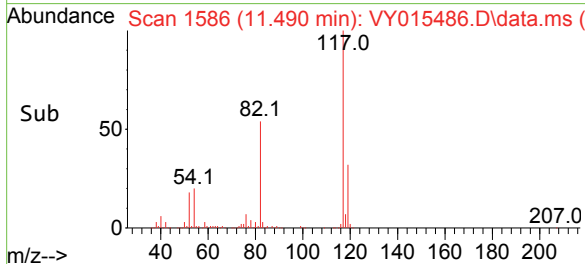
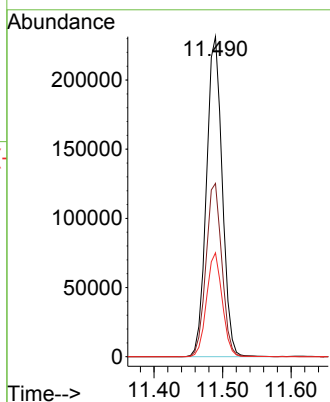
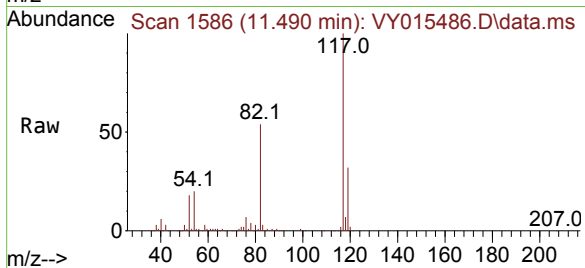




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

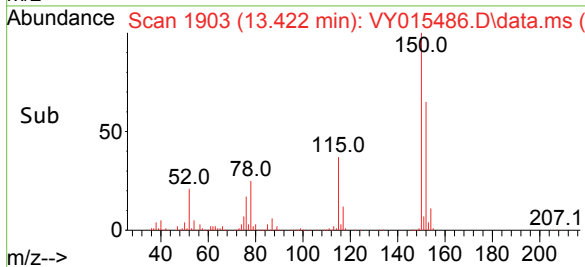
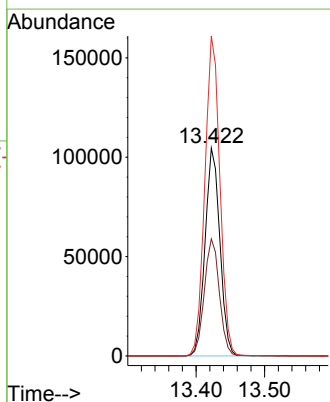
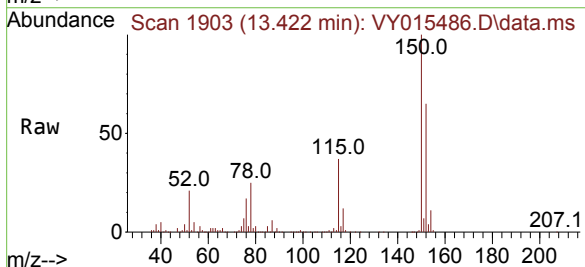
Instrument :
MSVOA_Y
ClientSampleId :

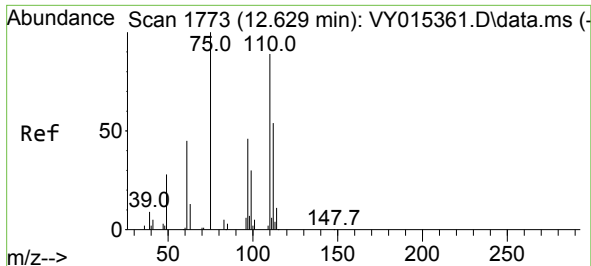
Tgt Ion:117 Resp: 370646
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

Tgt Ion:152 Resp: 157694
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 156.3 0.0 348.8

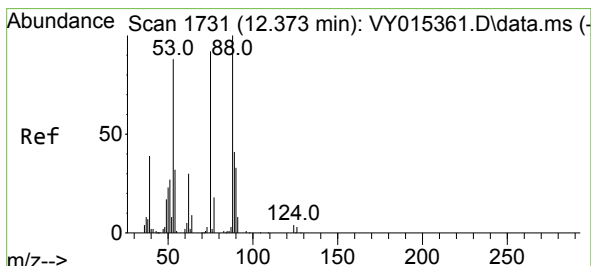
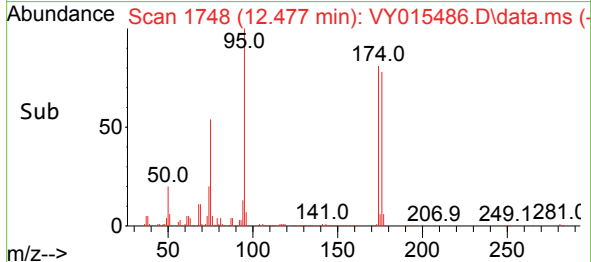
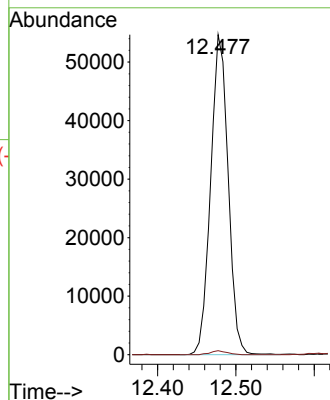
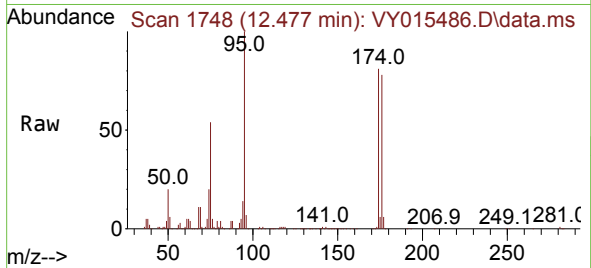




#76
1,2,3-Trichloropropane
Concen: 40.555 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 84809
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.461 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015486.D
Acq: 11 Sep 2023 14:52

Tgt Ion: 75 Resp: 84809
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

