

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015721.D
 Acq On : 27 Sep 2023 10:27
 Operator : SY/MD
 Sample : VY0927SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:43:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

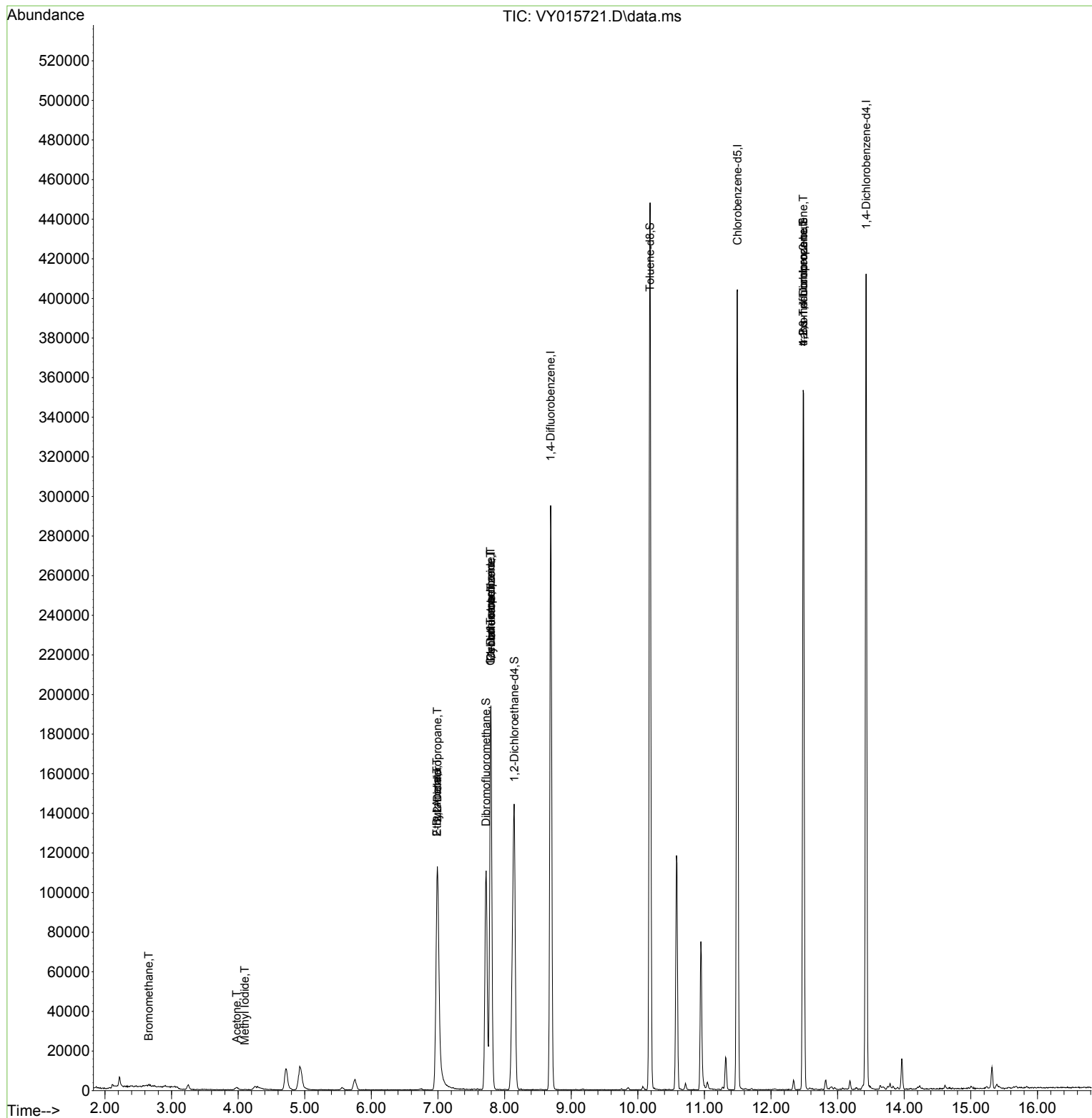
Internal Standards						
1) Pentafluorobenzene	7.795	168	151841	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	256280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	229210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93649	56.055	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.100%	
35) Dibromofluoromethane	7.722	113	80774	52.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.320%	
50) Toluene-d8	10.185	98	295991	56.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.820%	
62) 4-Bromofluorobenzene	12.483	95	97562	47.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	376	2.806	ug/l	96
10) Methyl Iodide	4.101	142	262	2.868	ug/l #	38
11) Tert butyl alcohol	4.924	59	12225	Below Cal	#	90
16) Acetone	3.979	43	2580	2.886	ug/l #	73
20) Methylene Chloride	4.716	84	8203	Below Cal		92
25) 2-Butanone	6.984	43	6435	5.092	ug/l #	79
26) 2,2-Dichloropropane	6.990	77	9083	3.102	ug/l #	54
31) Cyclohexane	7.795	56	3164	1.367	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11813	5.208	ug/l #	51
37) Ethyl Acetate	6.984	43	6435	2.844	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15484	6.290	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53004	32.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53004	72.147	ug/l #	11

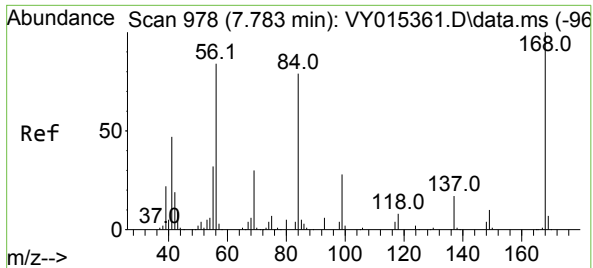
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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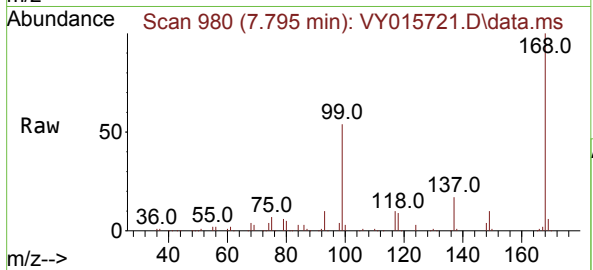
Quant Time: Sep 28 00:43:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



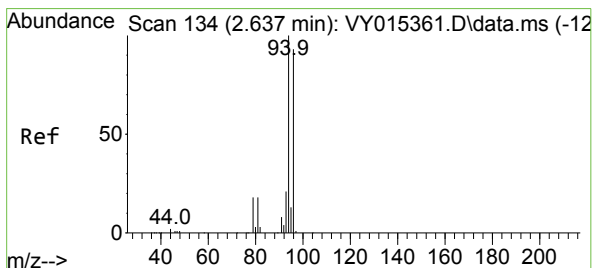
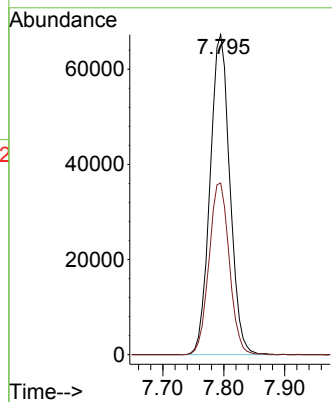
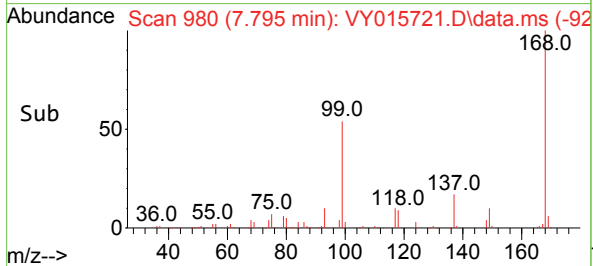


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :

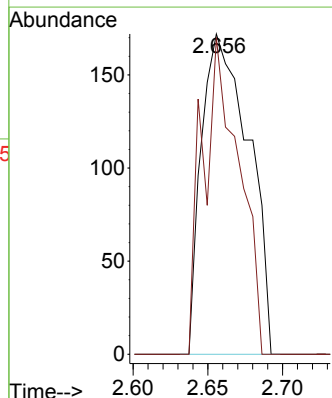
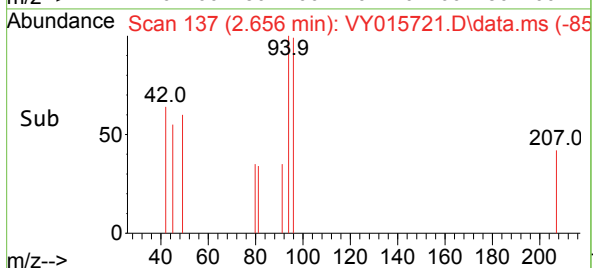
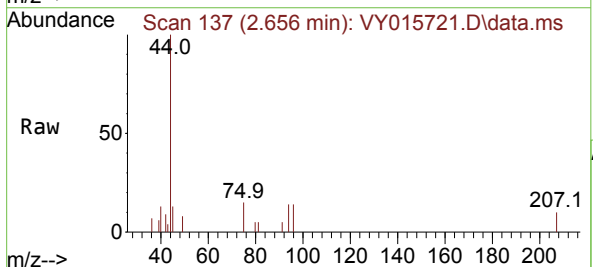


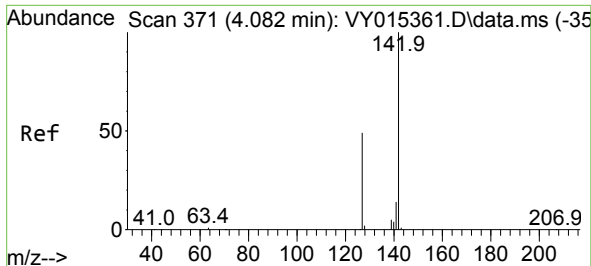
Tgt Ion:168 Resp: 151841
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#5
Bromomethane
Concen: 2.806 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

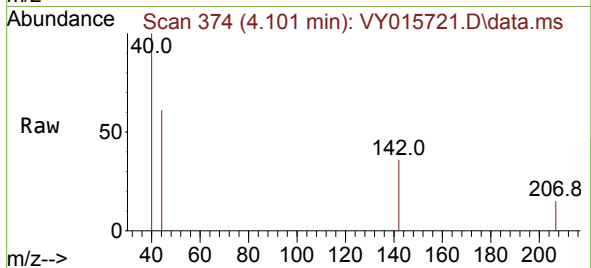
Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 98.8 75.8 113.6



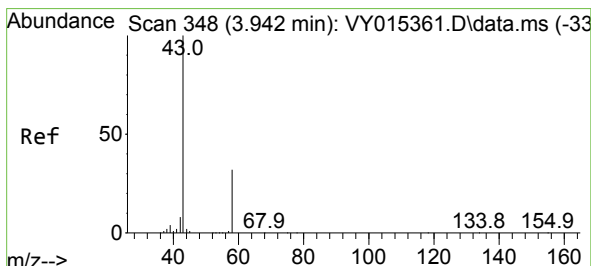
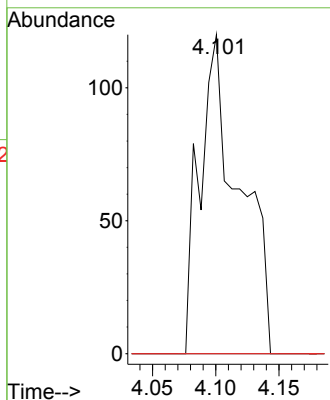
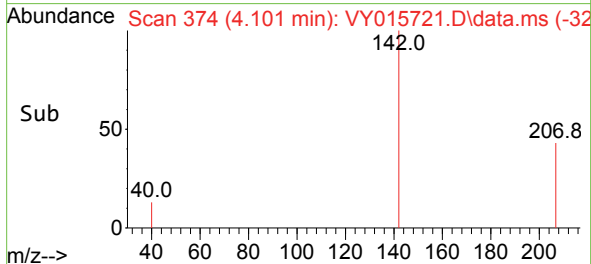


#10
Methyl Iodide
Concen: 2.868 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :

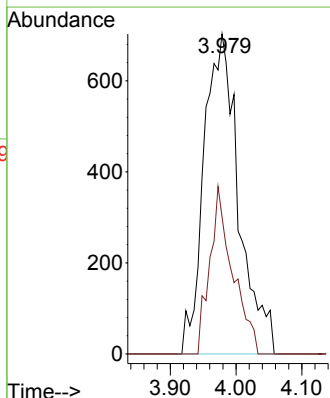
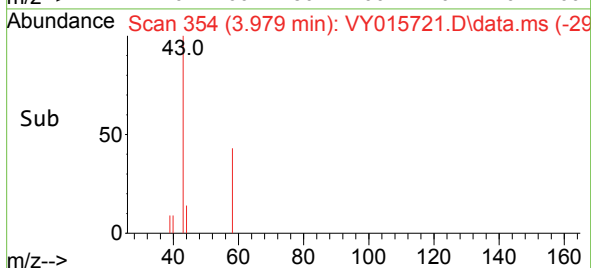
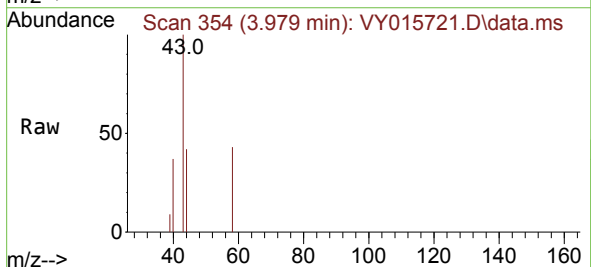


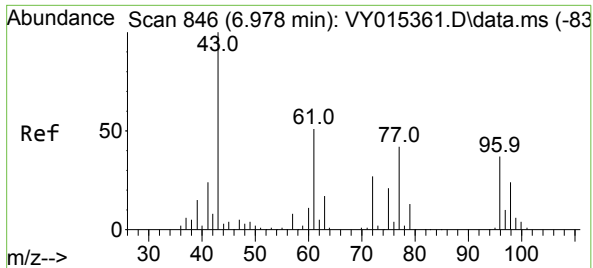
Tgt Ion:142 Resp: 262
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 2.886 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
58 42.8 22.7 34.1#





#25

2-Butanone

Concen: 5.092 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015721.D

Acq: 27 Sep 2023 10:27

Instrument :

MSVOA_Y

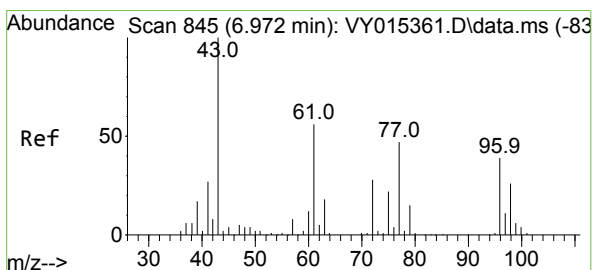
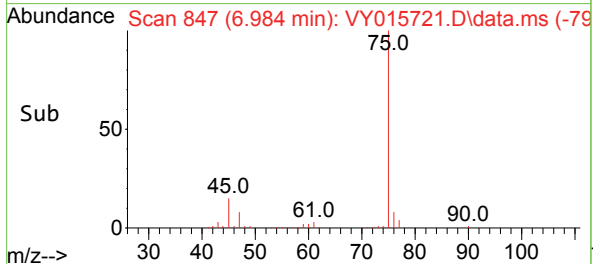
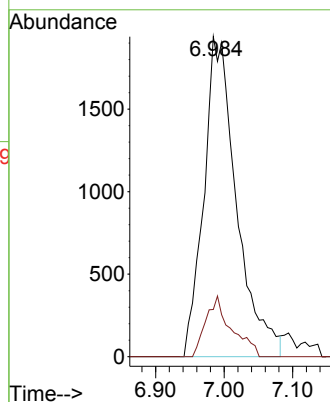
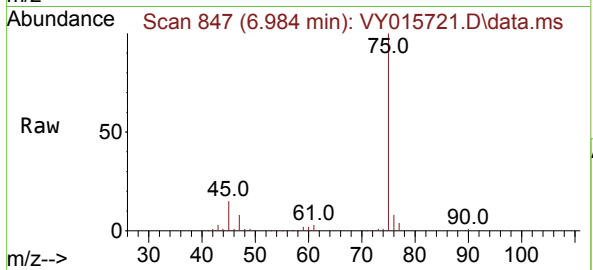
ClientSampleId :

Tgt Ion: 43 Resp: 6435

Ion Ratio Lower Upper

43 100

72 14.7 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 3.102 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015721.D

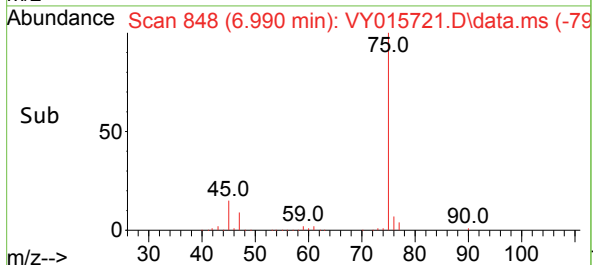
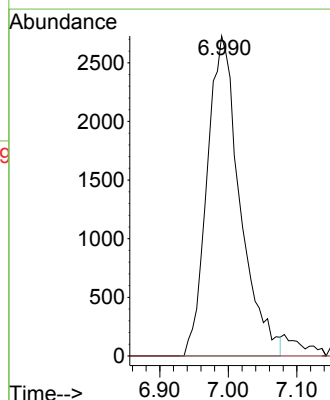
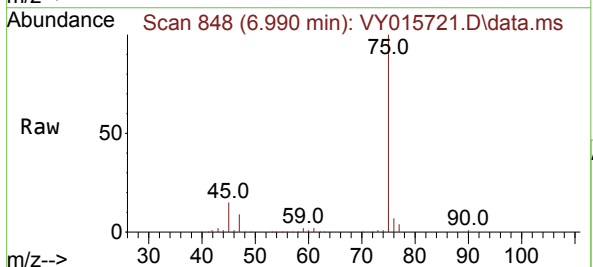
Acq: 27 Sep 2023 10:27

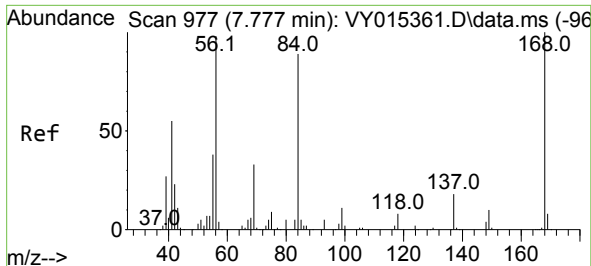
Tgt Ion: 77 Resp: 9083

Ion Ratio Lower Upper

77 100

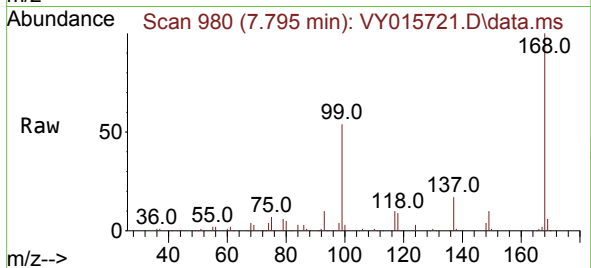
97 0.0 10.9 32.9#



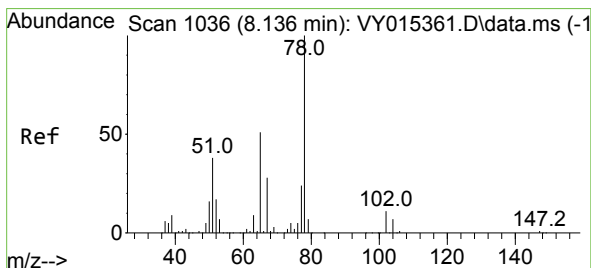
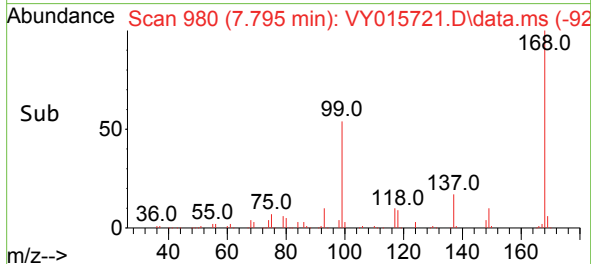
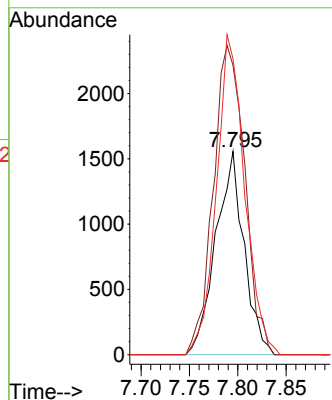


#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :

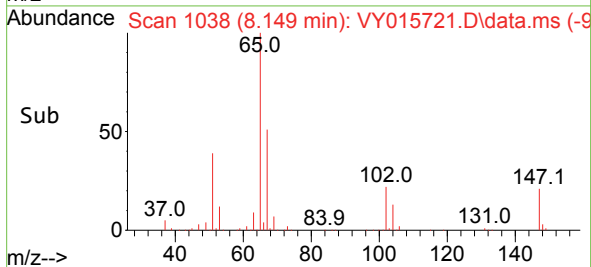
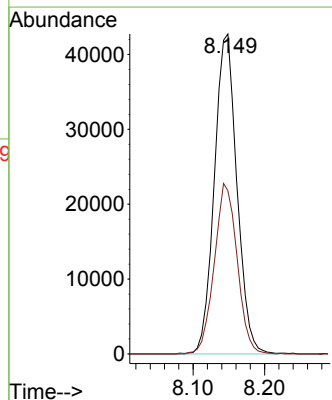
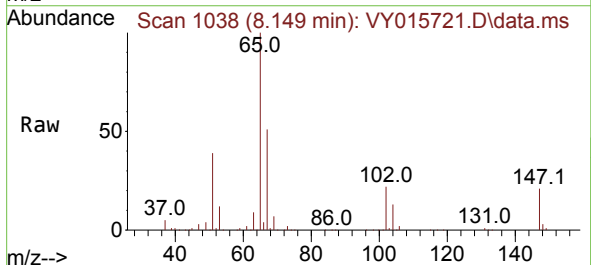


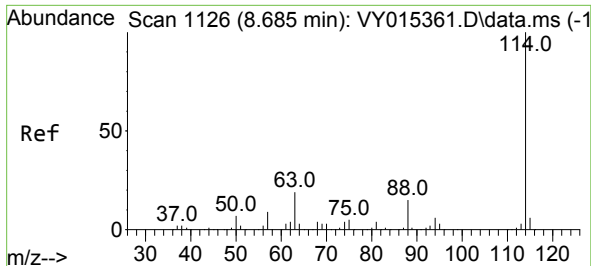
Tgt Ion: 56 Resp: 3164
Ion Ratio Lower Upper
56 100
69 142.4 27.8 41.6#
84 145.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.055 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Tgt Ion: 65 Resp: 93649
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8

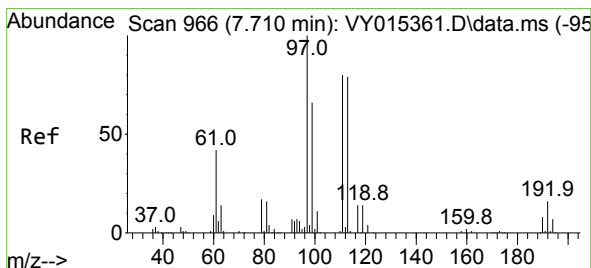
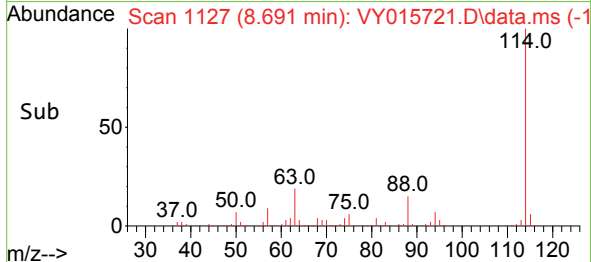
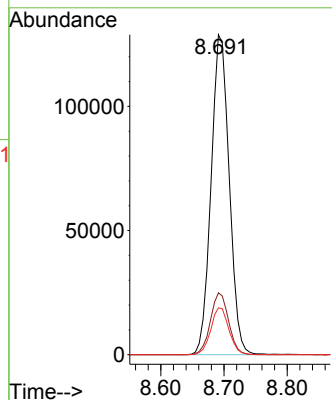
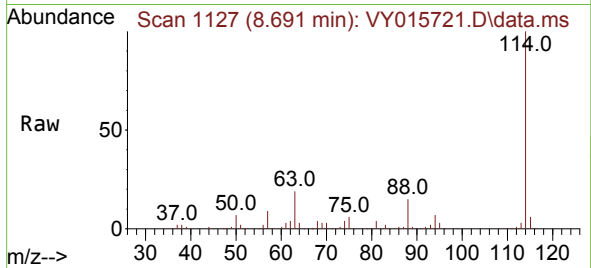




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

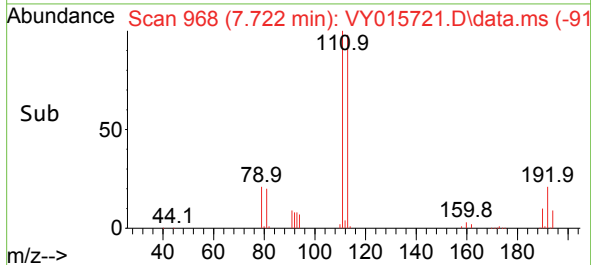
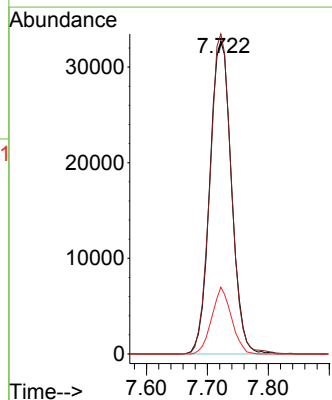
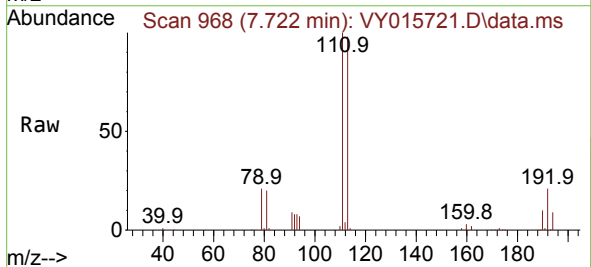
Instrument :
MSVOA_Y
ClientSampleId :

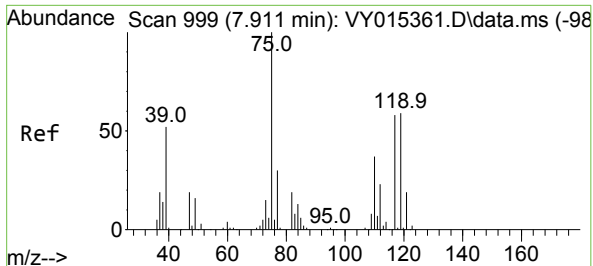
Tgt Ion:114 Resp: 256280
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.658 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Tgt Ion:113 Resp: 80774
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.208 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

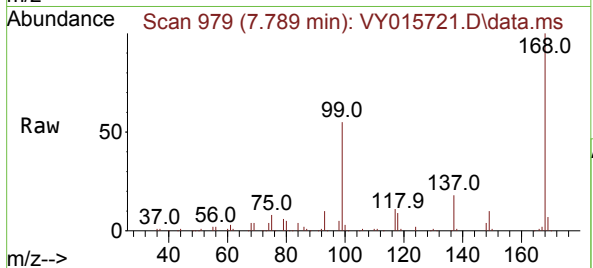
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Acq: 27 Sep 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :



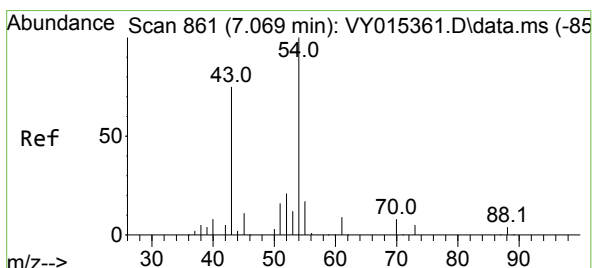
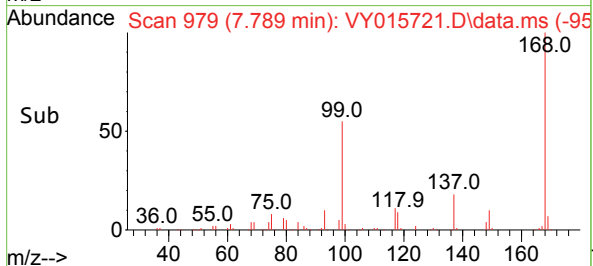
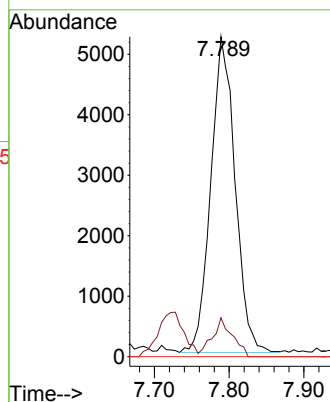
Tgt Ion: 75 Resp: 11813

Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 2.844 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.079 min

Lab File: VY015721.D

Acq: 27 Sep 2023 10:27

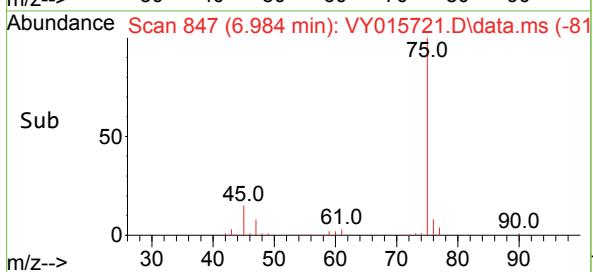
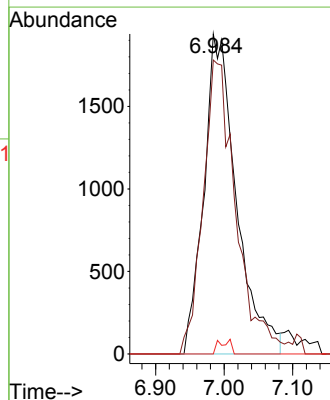
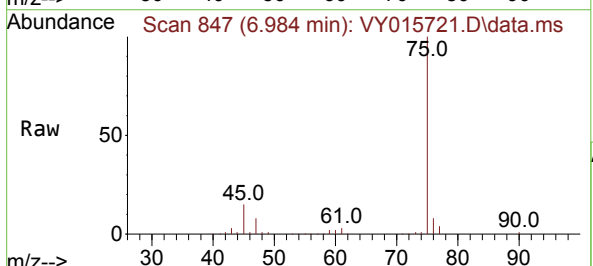
Tgt Ion: 43 Resp: 6435

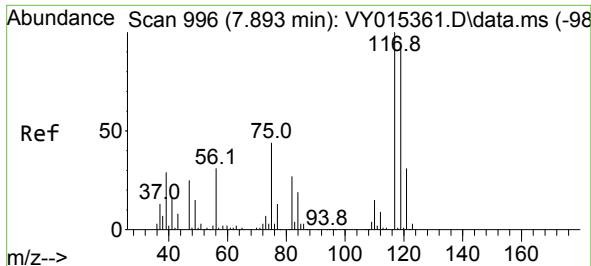
Ion Ratio Lower Upper

43 100

61 91.9 10.1 15.1#

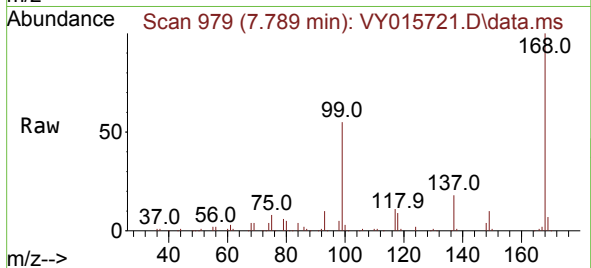
70 0.0 7.1 10.7#



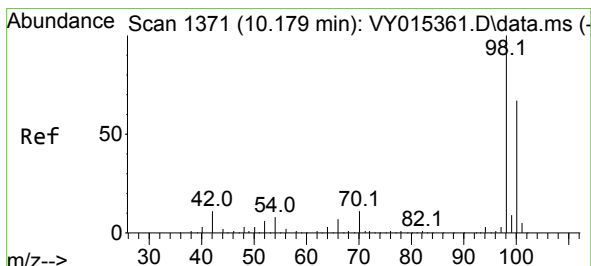
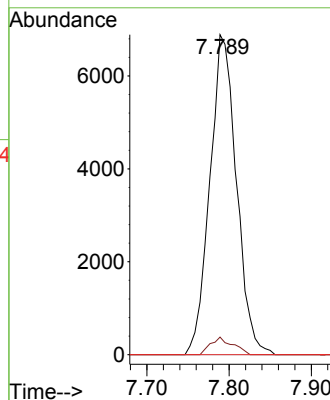
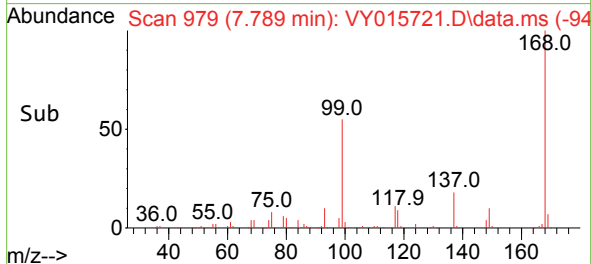


#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :

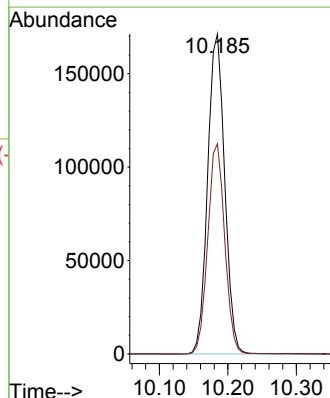
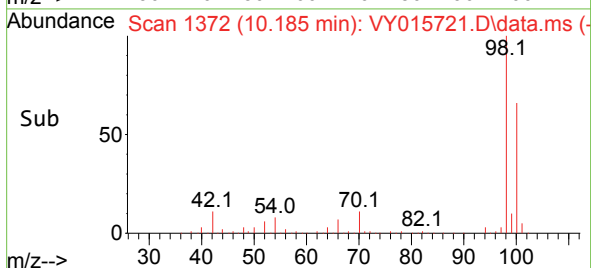
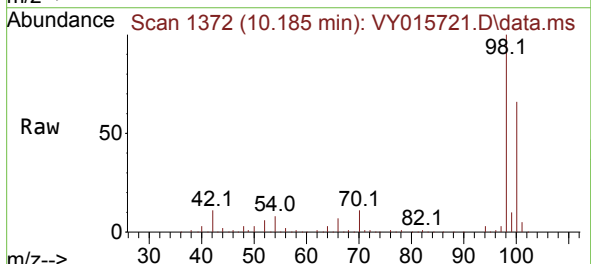


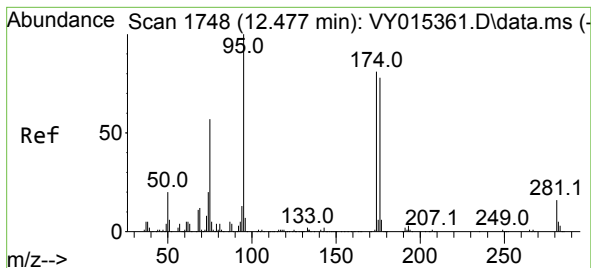
Tgt Ion:117 Resp: 15484
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.911 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Tgt Ion: 98 Resp: 295991
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

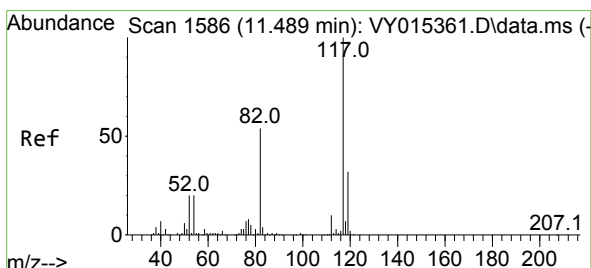
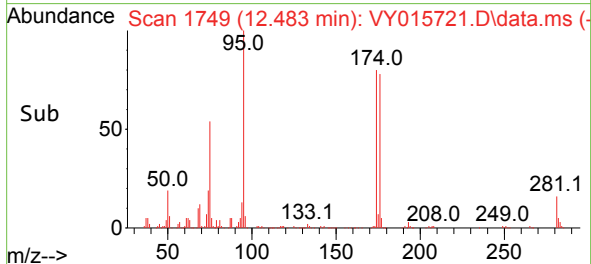
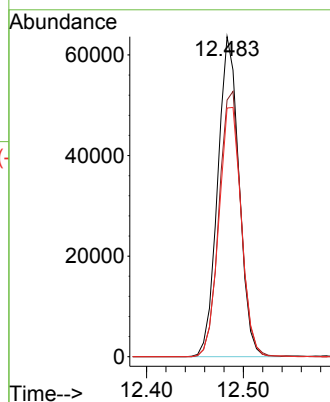
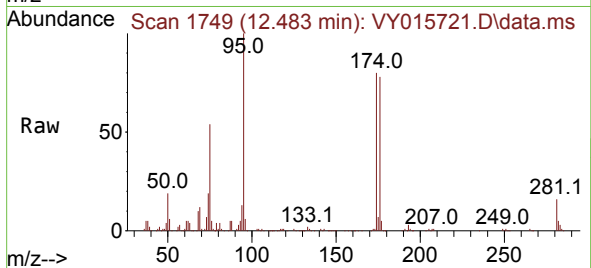




#62
4-Bromofluorobenzene
Concen: 47.800 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

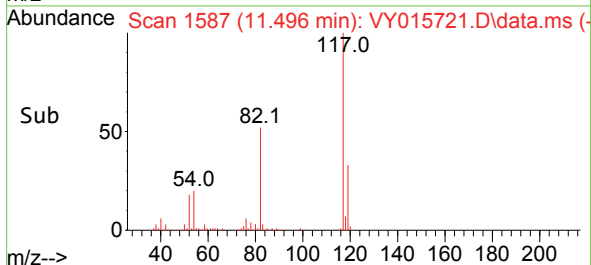
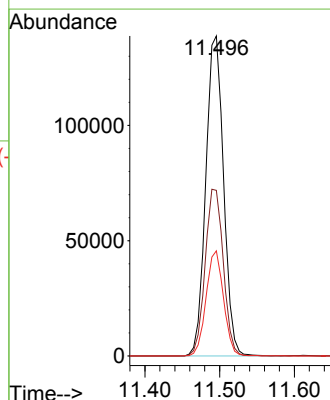
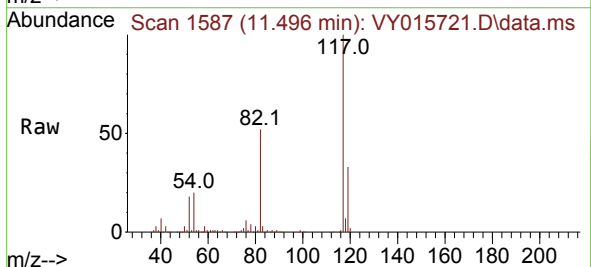
Instrument :
MSVOA_Y
ClientSampleId :

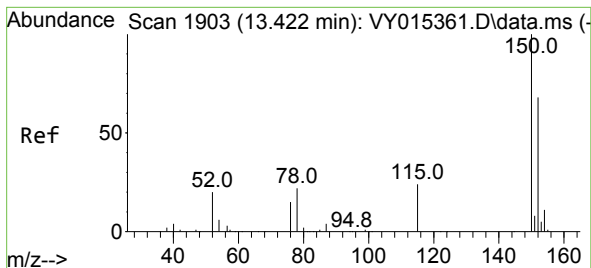
Tgt Ion: 95 Resp: 97562
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015721.D
Acq: 27 Sep 2023 10:27

Tgt Ion: 117 Resp: 229210
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015721.D

Acq: 27 Sep 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

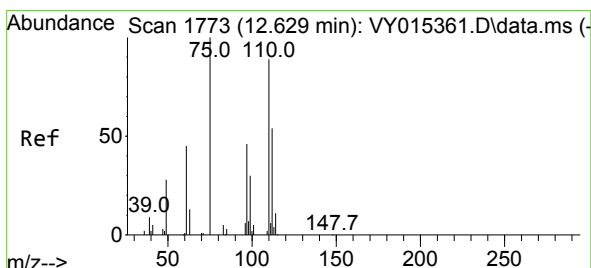
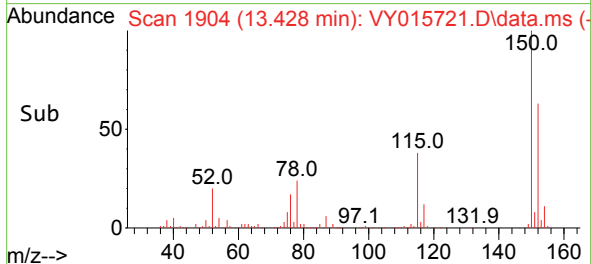
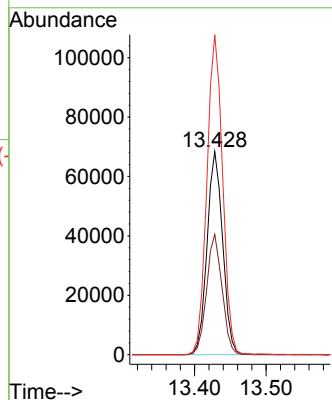
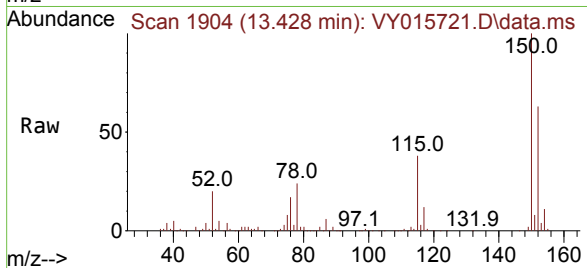
Tgt Ion:152 Resp: 103702

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 158.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 32.038 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015721.D

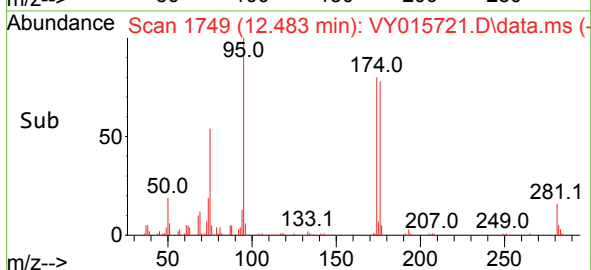
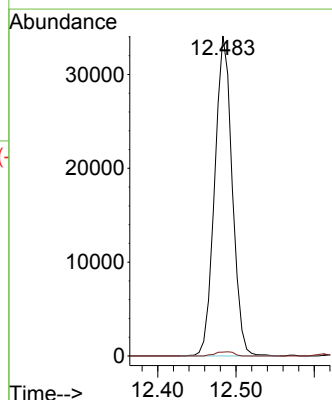
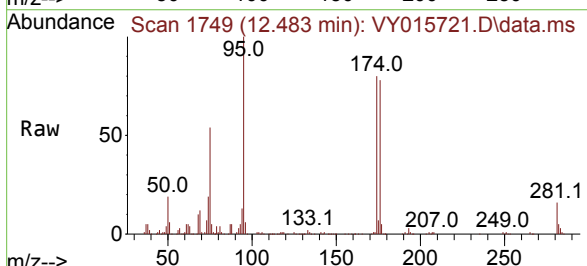
Acq: 27 Sep 2023 10:27

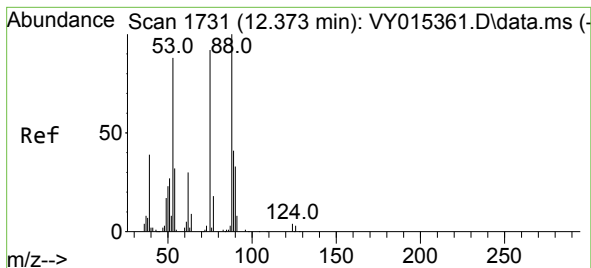
Tgt Ion: 75 Resp: 53004

Ion Ratio Lower Upper

75 100

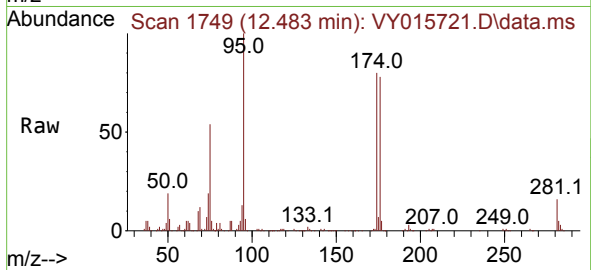
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.147 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015721.D
 Acq: 27 Sep 2023 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

