

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015526.D
 Acq On : 12 Sep 2023 22:32
 Operator : SY/MD
 Sample : 04396-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:59:06 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)

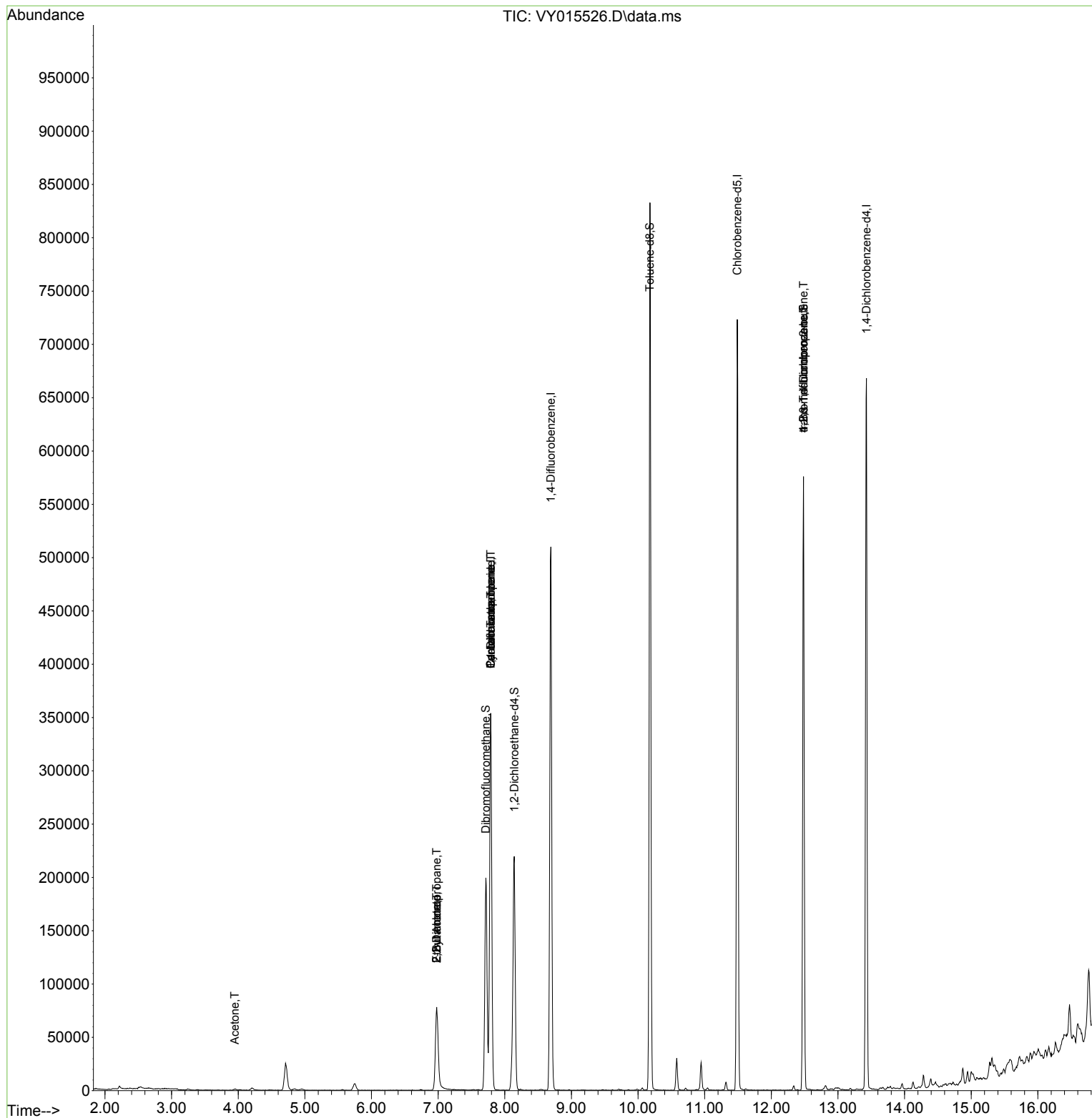
Internal Standards						
1) Pentafluorobenzene	7.789	168	275561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	445716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	391173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	162693	55.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.160%	
35) Dibromofluoromethane	7.716	113	139693	54.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.820%	
50) Toluene-d8	10.179	98	524482	56.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.820%	
62) 4-Bromofluorobenzene	12.483	95	164677	47.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2048	Below Cal	#	92
16) Acetone	3.948	43	2042	1.656	ug/l	91
20) Methylene Chloride	4.716	84	18613	Below Cal		88
25) 2-Butanone	6.978	43	4505	2.576	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	5621	1.200	ug/l #	54
31) Cyclohexane	7.789	56	5272	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	20998	4.658	ug/l #	50
37) Ethyl Acetate	6.978	43	4505	1.296	ug/l #	1
38) Carbon Tetrachloride	7.789	117	27416	5.889	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	89714	38.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89714	85.573	ug/l #	11

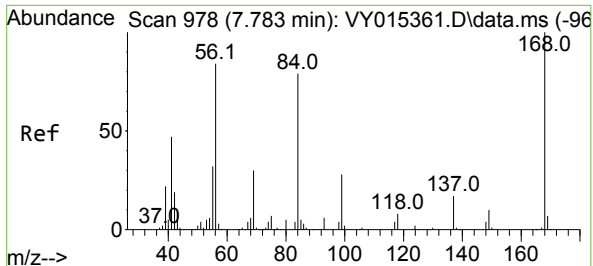
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
Data File : VY015526.D
Acq On : 12 Sep 2023 22:32
Operator : SY/MD
Sample : 04396-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 13 05:59:06 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

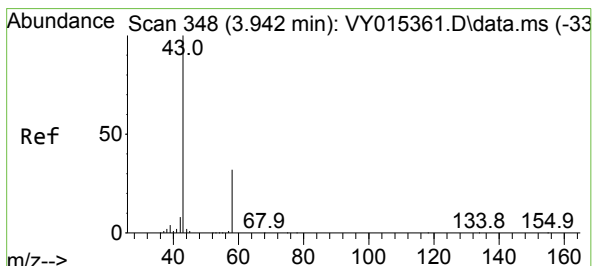
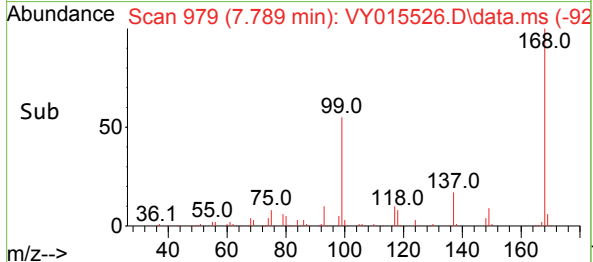
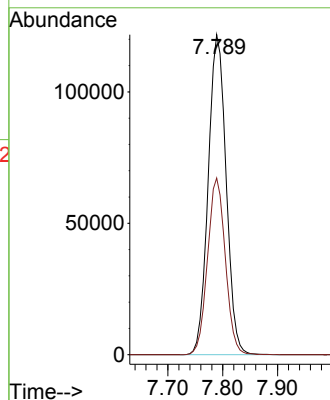
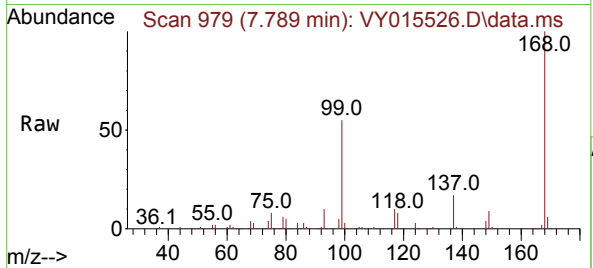




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

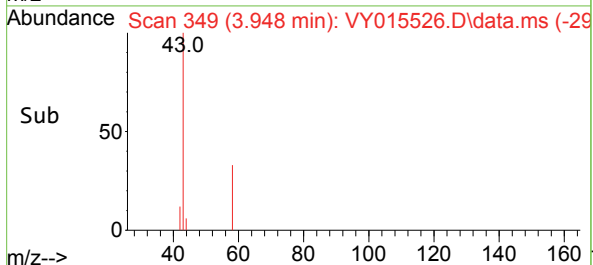
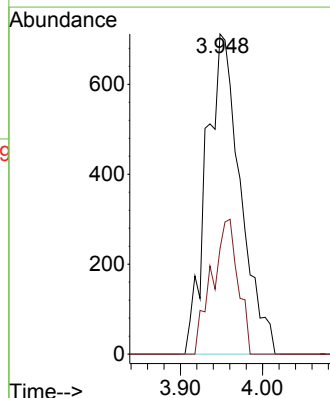
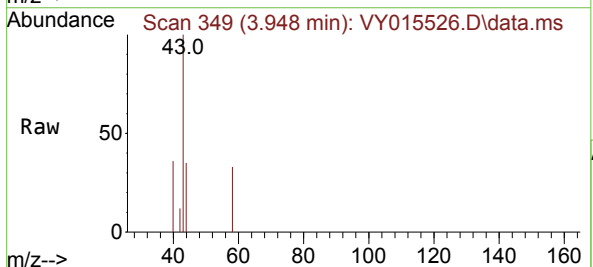
Instrument :
MSVOA_Y
ClientSampleId :

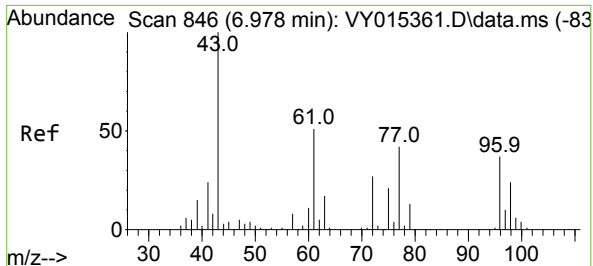
Tgt Ion:168 Resp: 275561
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#16
Acetone
Concen: 1.656 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





#25

2-Butanone

Concen: 2.576 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015526.D

Acq: 12 Sep 2023 22:32

Instrument :

MSVOA_Y

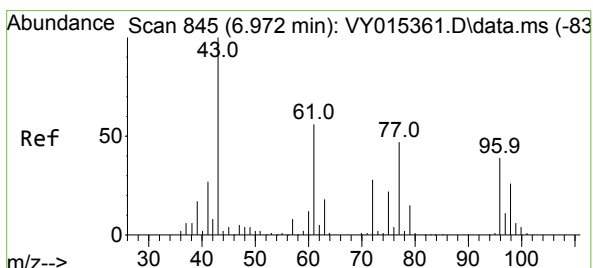
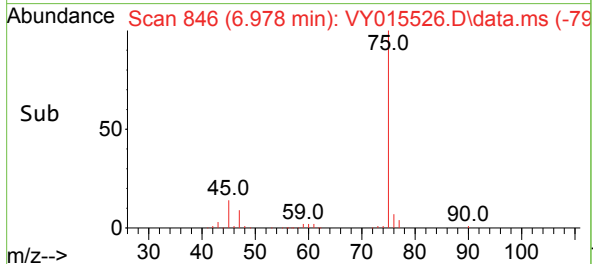
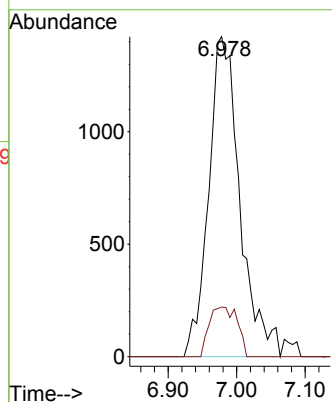
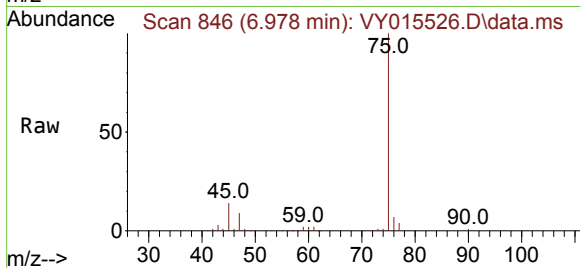
ClientSampleId :

Tgt Ion: 43 Resp: 4505

Ion Ratio Lower Upper

43 100

72 15.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.200 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015526.D

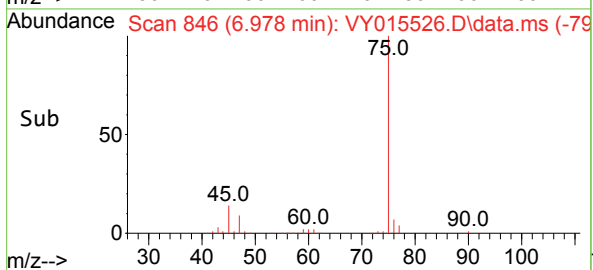
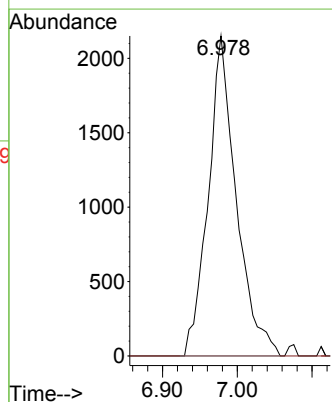
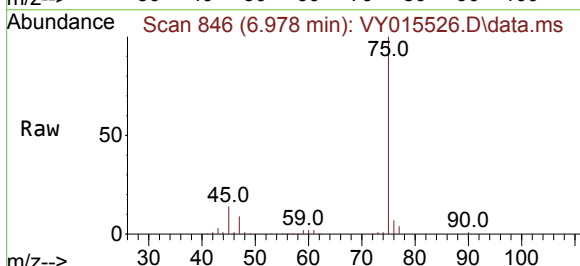
Acq: 12 Sep 2023 22:32

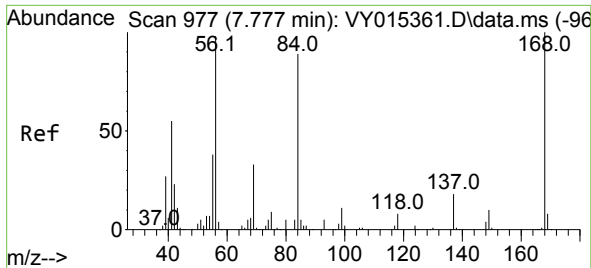
Tgt Ion: 77 Resp: 5621

Ion Ratio Lower Upper

77 100

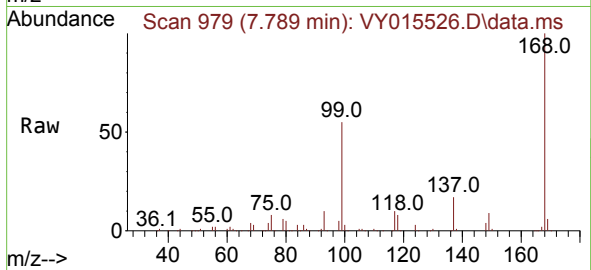
97 0.0 10.9 32.9#



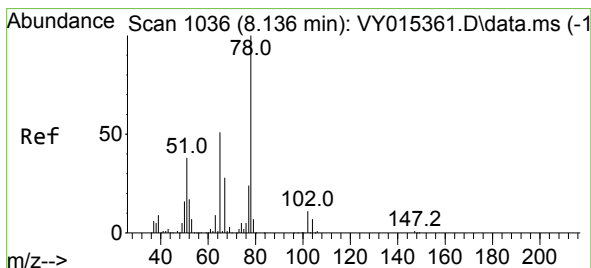
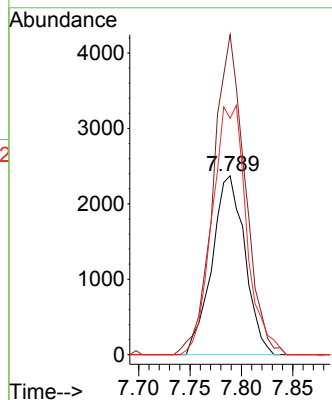
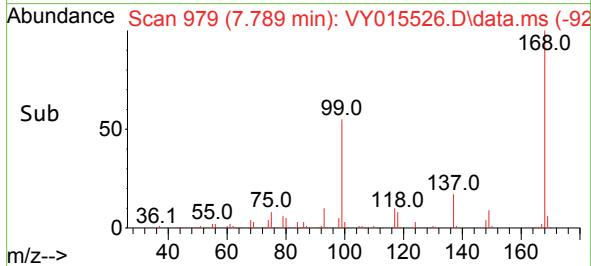


#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

Instrument :
MSVOA_Y
ClientSampleId :

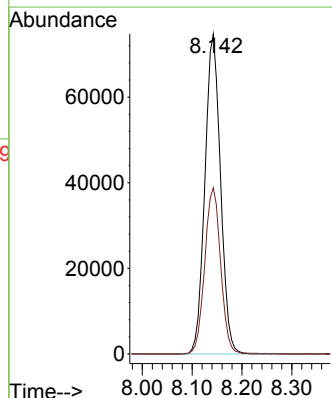
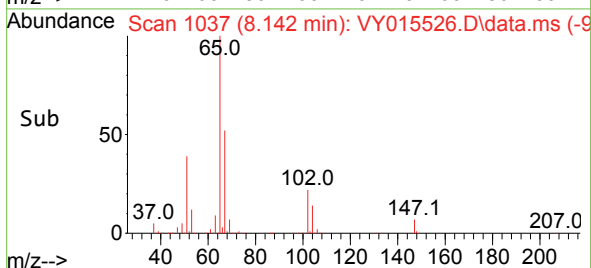
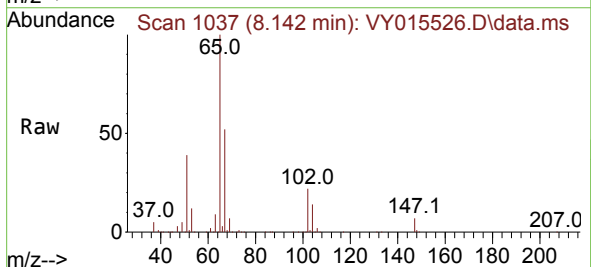


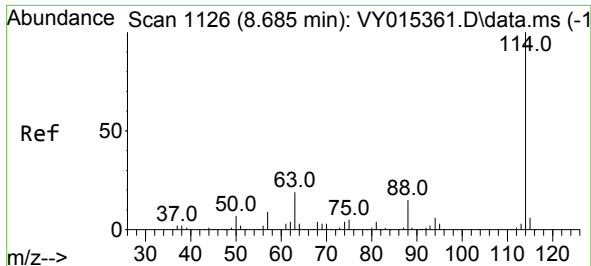
Tgt Ion: 56 Resp: 5272
Ion Ratio Lower Upper
56 100
69 176.0 27.8 41.6#
84 132.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.076 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

Tgt Ion: 65 Resp: 162693
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015526.D

Acq: 12 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

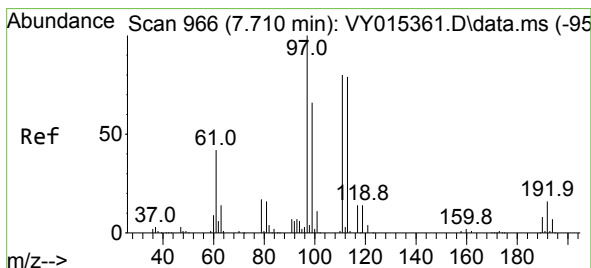
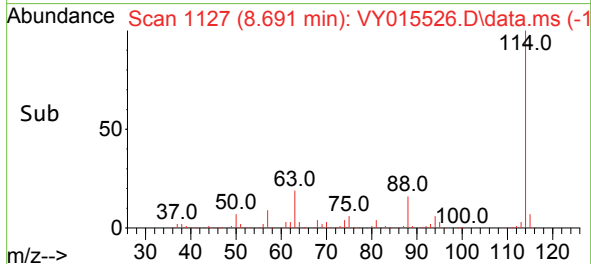
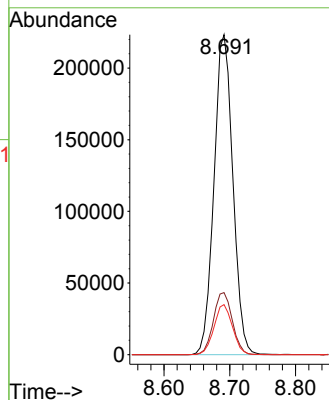
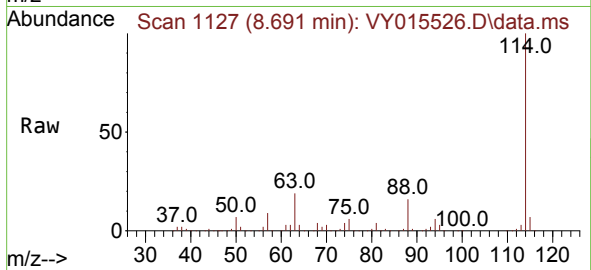
Tgt Ion:114 Resp: 445716

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.414 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015526.D

Acq: 12 Sep 2023 22:32

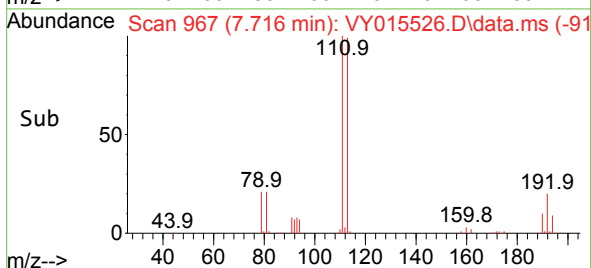
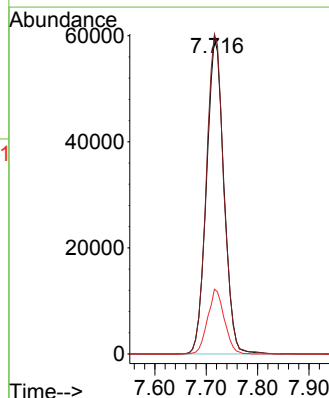
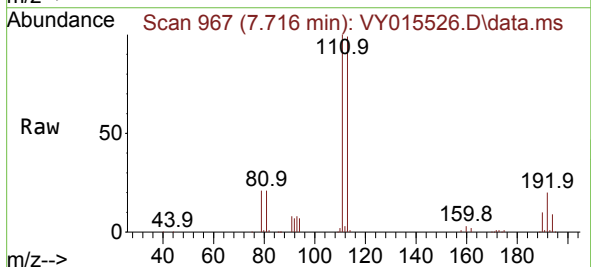
Tgt Ion:113 Resp: 139693

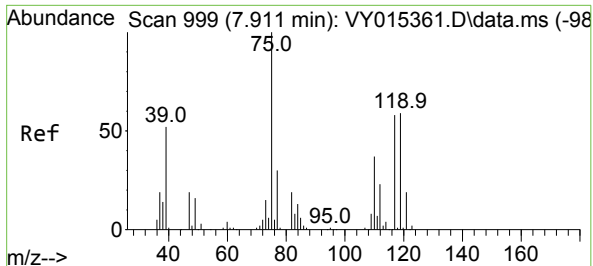
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

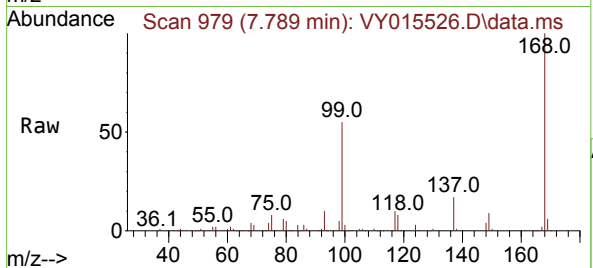
192 19.7 16.9 25.3



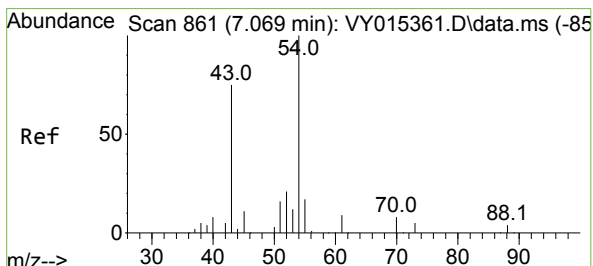
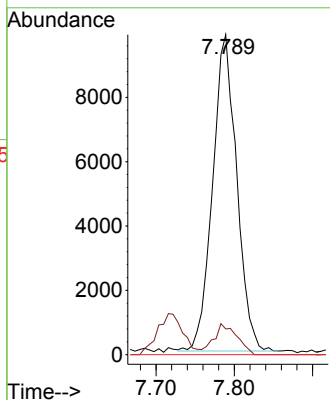
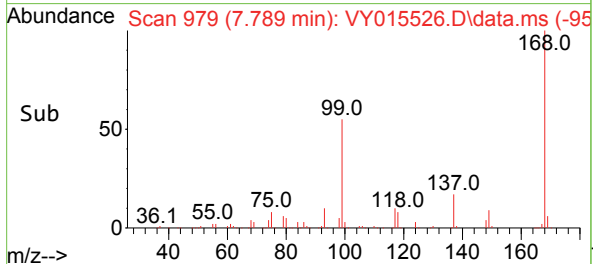


#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

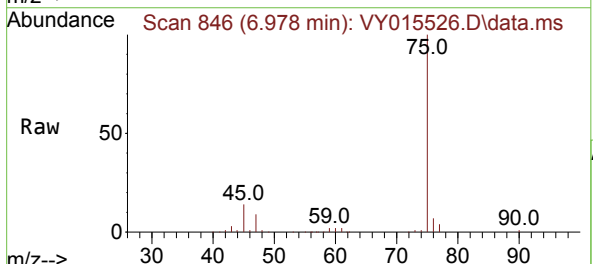
Instrument :
MSVOA_Y
ClientSampleId :



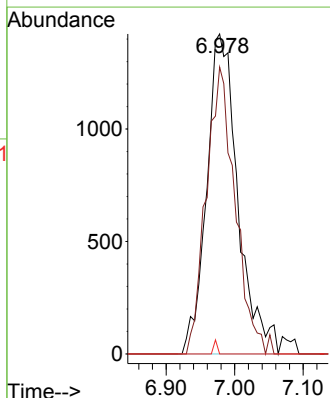
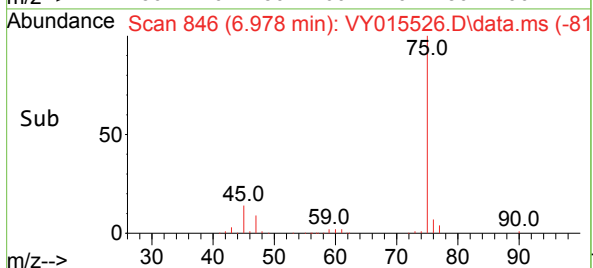
Tgt Ion: 75 Resp: 20998
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#

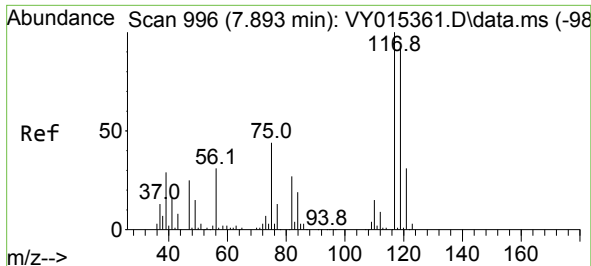


#37
Ethyl Acetate
Concen: 1.296 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32



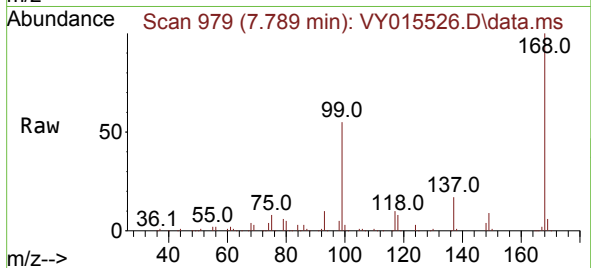
Tgt Ion: 43 Resp: 4505
Ion Ratio Lower Upper
43 100
61 83.1 10.1 15.1#
70 0.5 7.1 10.7#



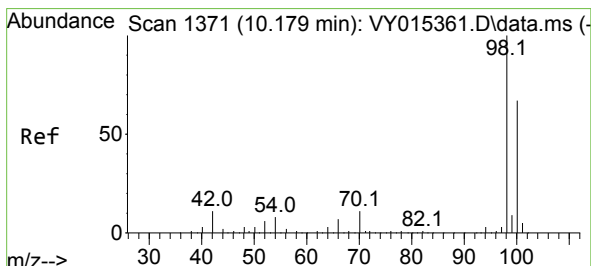
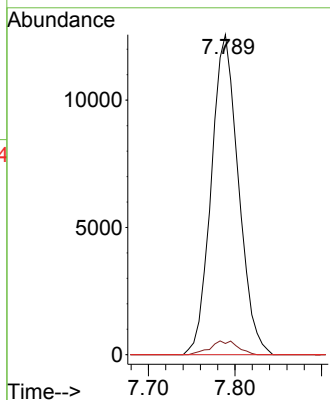
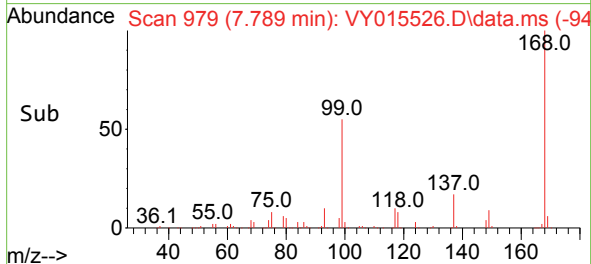


#38
Carbon Tetrachloride
Concen: 5.889 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

Instrument :
MSVOA_Y
ClientSampleId :

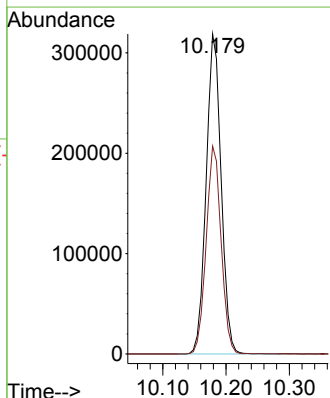
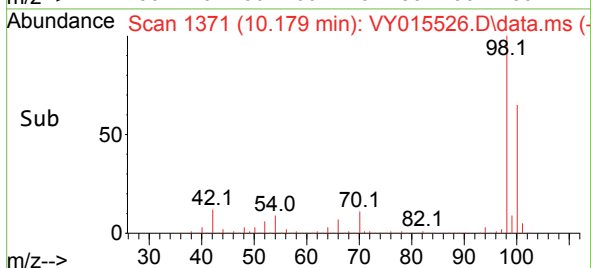
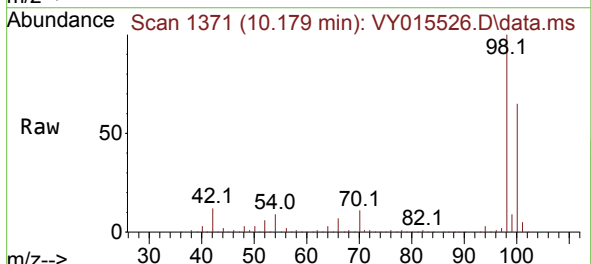


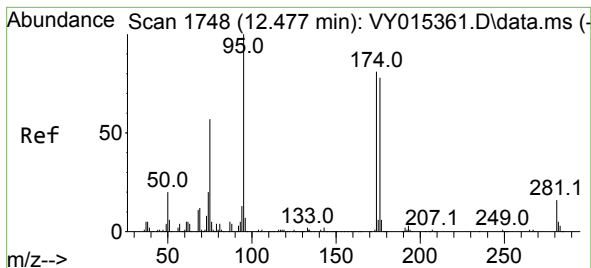
Tgt Ion:117 Resp: 27416
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

Tgt Ion: 98 Resp: 524482
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

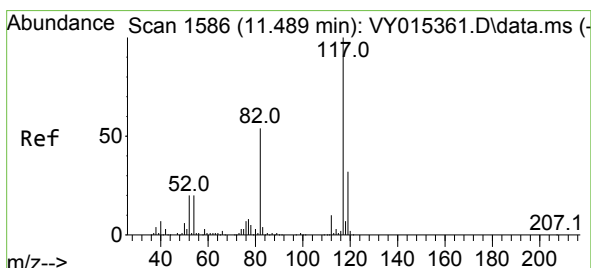
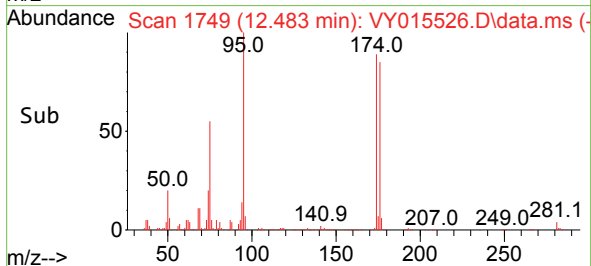
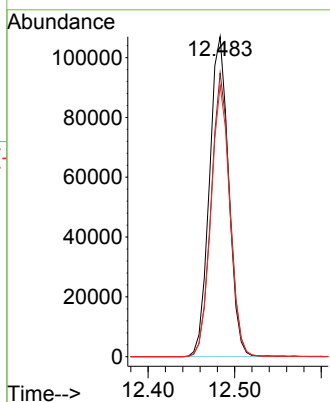
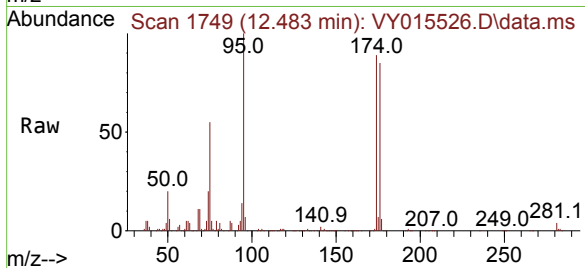




#62
4-Bromofluorobenzene
Concen: 47.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

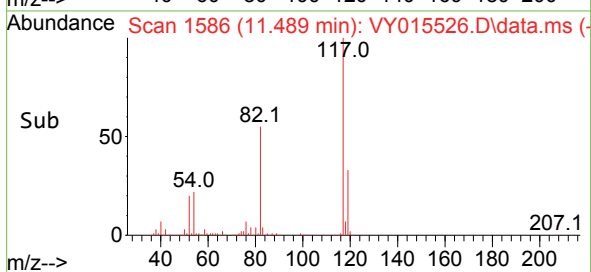
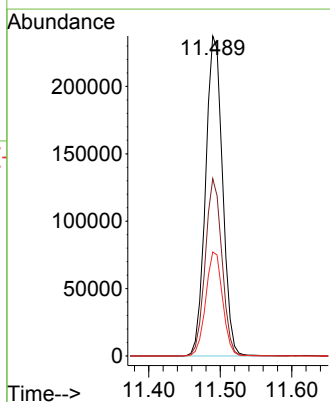
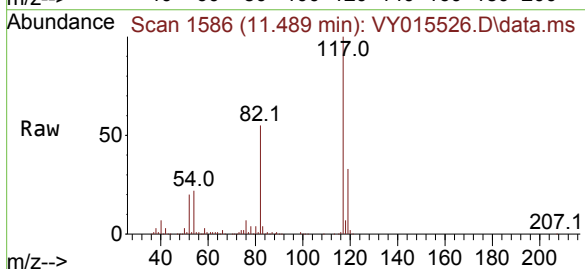
Instrument :
MSVOA_Y
ClientSampleId :

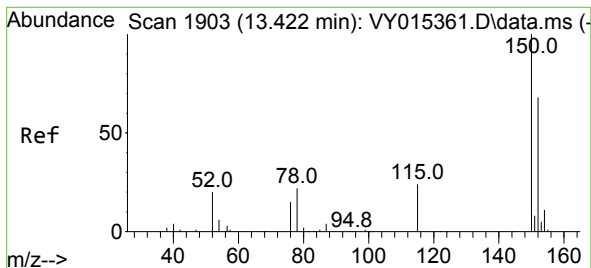
Tgt Ion: 95 Resp: 164677
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015526.D
Acq: 12 Sep 2023 22:32

Tgt Ion: 117 Resp: 391173
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 32.5 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: VY015526.D

Acq: 12 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

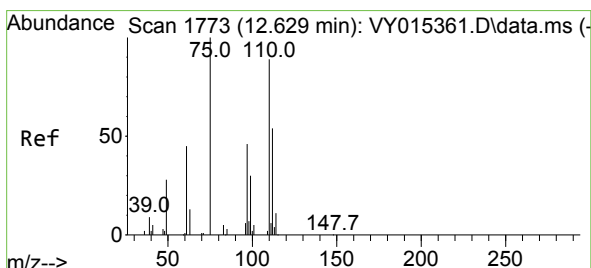
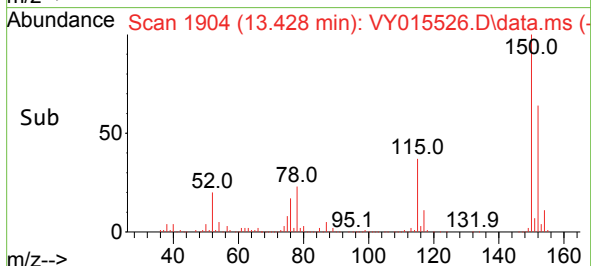
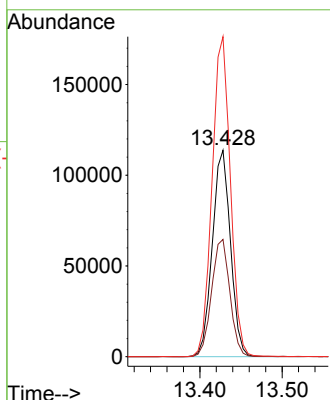
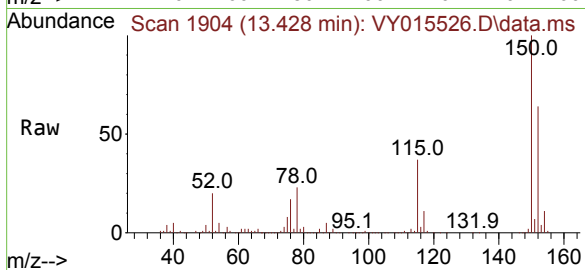
Tgt Ion:152 Resp: 174393

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 156.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.793 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015526.D

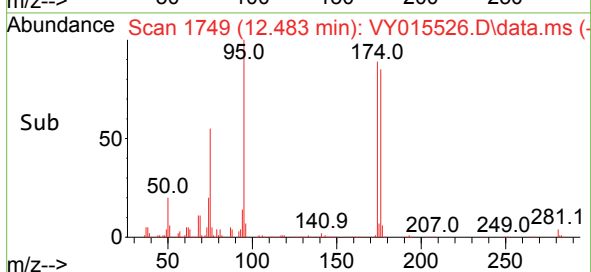
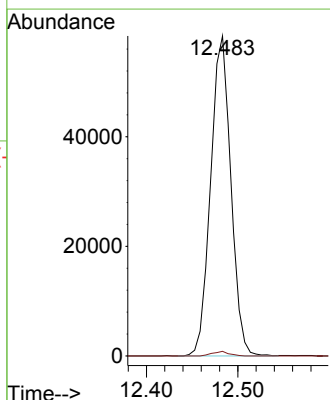
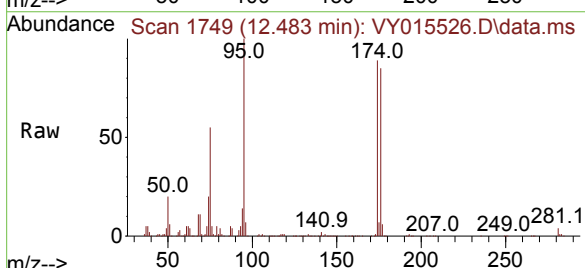
Acq: 12 Sep 2023 22:32

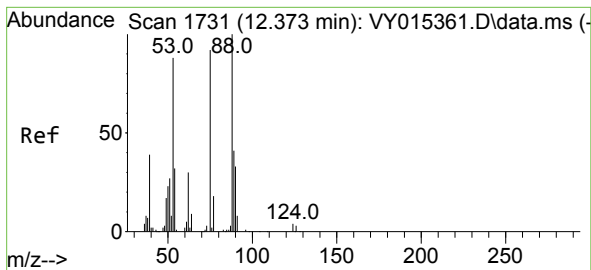
Tgt Ion: 75 Resp: 89714

Ion Ratio Lower Upper

75 100

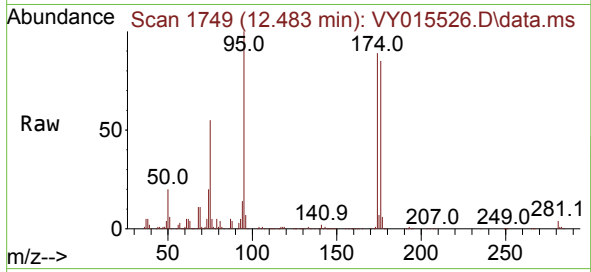
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.573 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015526.D
 Acq: 12 Sep 2023 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 89714
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

