

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014132.D
 Acq On : 13 Jun 2023 11:56
 Operator : KP/MD
 Sample : VY0613SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBL01

Quant Time: Jun 14 01:32:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

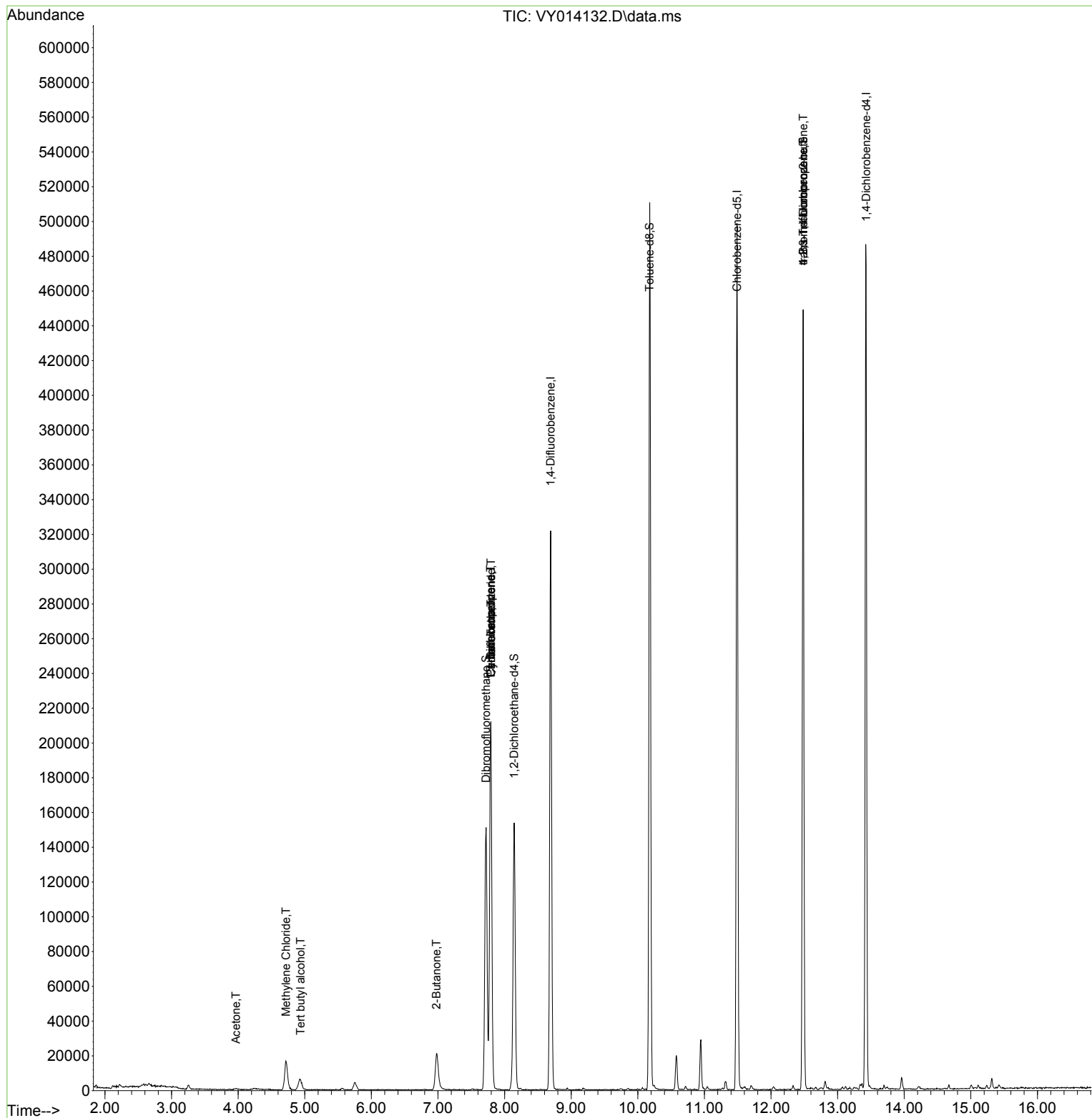
Internal Standards						
1) Pentafluorobenzene	7.795	168	169518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	125288	53.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.160%	
35) Dibromofluoromethane	7.722	113	103455	55.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.800%	
50) Toluene-d8	10.179	98	335801	48.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	12.483	95	117925	47.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	6057	1.823	ug/l #	89
16) Acetone	3.966	43	1691	2.377	ug/l	92
20) Methylene Chloride	4.716	84	12274	1.958	ug/l #	82
25) 2-Butanone	6.978	43	1110	1.267	ug/l #	49
31) Cyclohexane	7.795	56	3857	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12464	4.281	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16466	4.901	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	65710	39.629	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65710	85.663	ug/l #	11

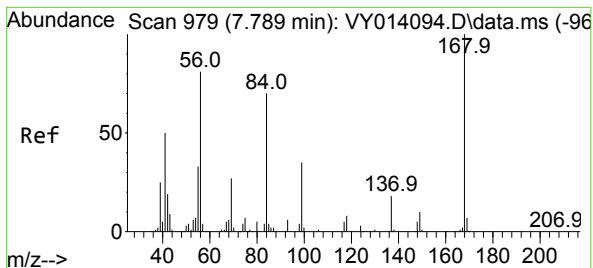
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
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MSVOA_Y
ClientSampleId :
VY0613SBL01

Quant Time: Jun 14 01:32:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY014132.D

Acq: 13 Jun 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

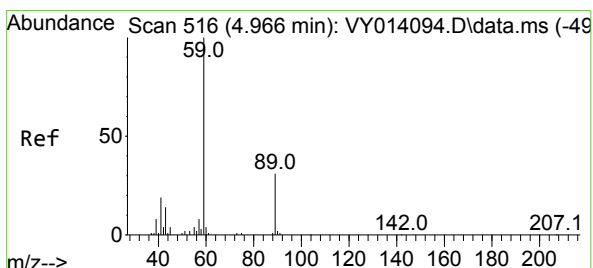
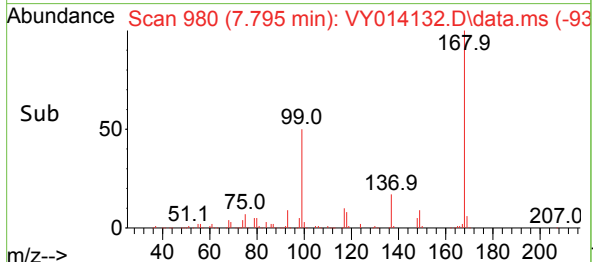
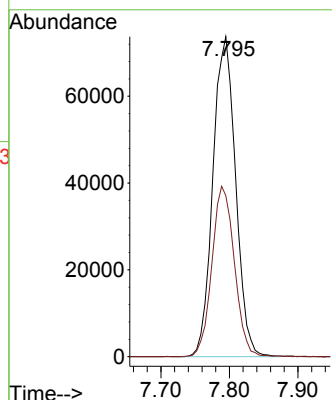
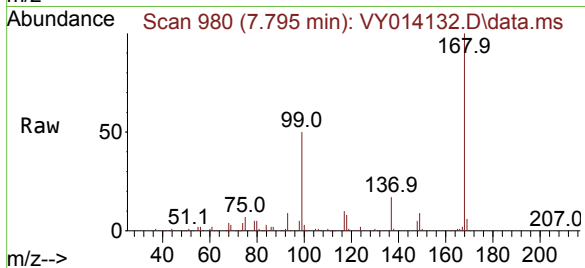
VY0613SBL01

Tgt Ion:168 Resp: 169518

Ion Ratio Lower Upper

168 100

99 50.3 43.4 65.0



#11

Tert butyl alcohol

Concen: 1.823 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.030 min

Lab File: VY014132.D

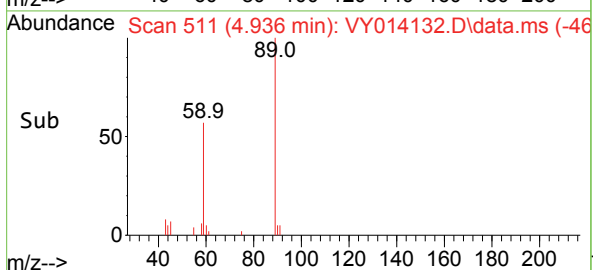
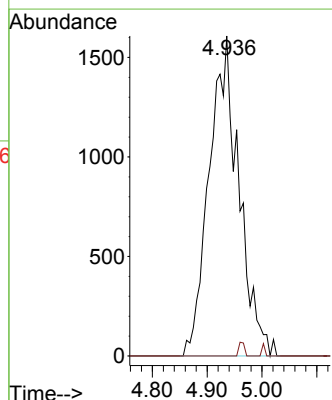
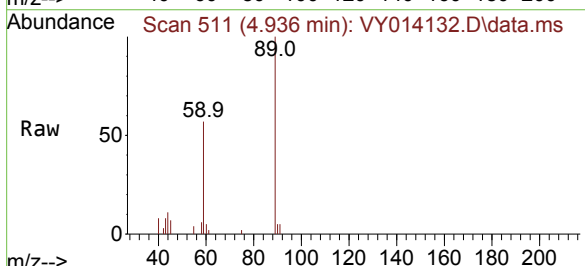
Acq: 13 Jun 2023 11:56

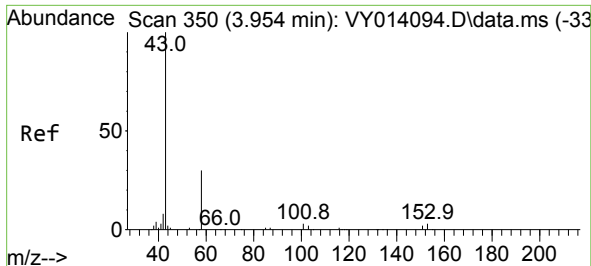
Tgt Ion: 59 Resp: 6057

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#

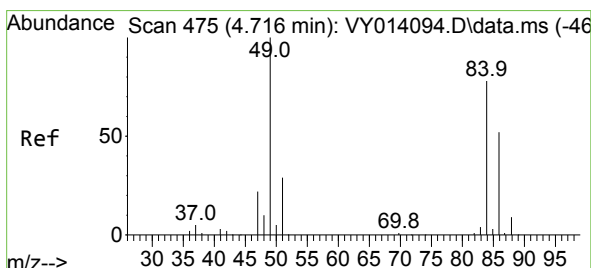
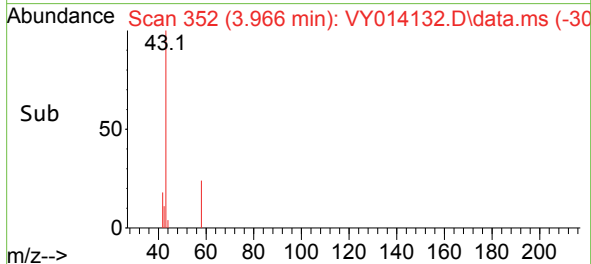
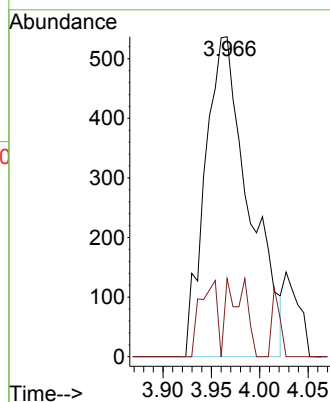
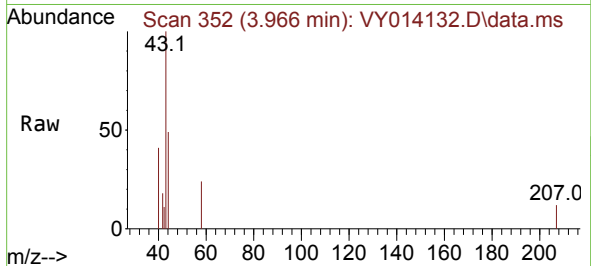




#16
Acetone
Concen: 2.377 ug/l
RT: 3.966 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

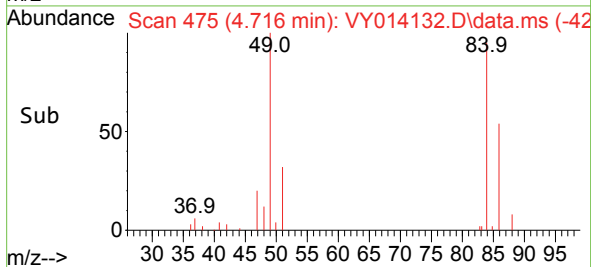
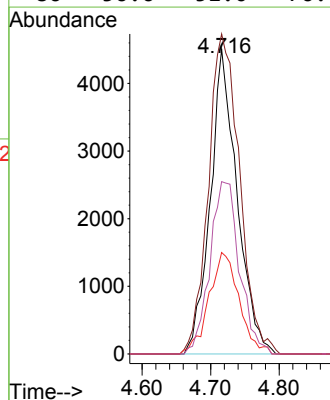
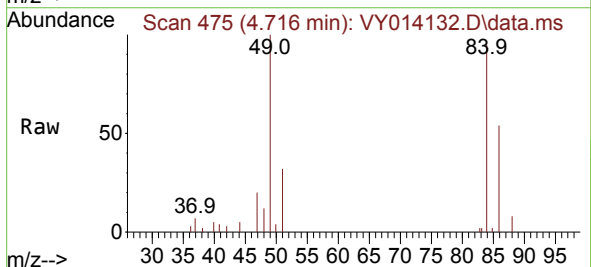
Instrument :
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ClientSampleId :
VY0613SBL01

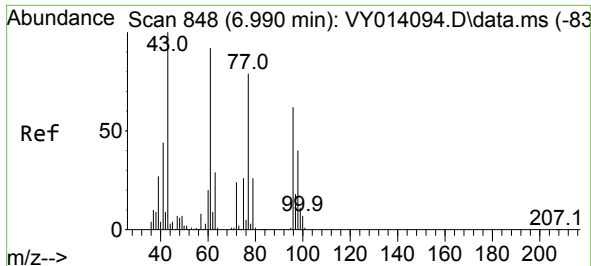
Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 24.4 22.7 34.1



#20
Methylene Chloride
Concen: 1.958 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

Tgt Ion: 84 Resp: 12274
Ion Ratio Lower Upper
84 100
49 105.0 106.9 160.3#
51 33.3 33.2 49.8
86 56.6 51.0 76.6

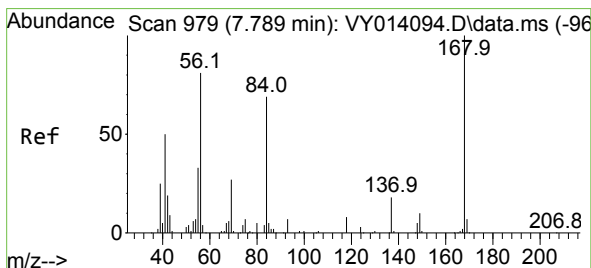
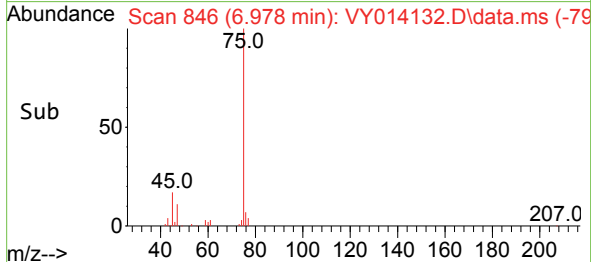
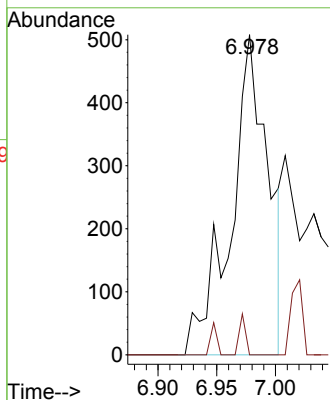
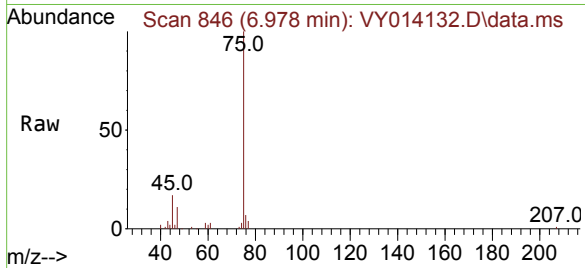




#25
2-Butanone
Concen: 1.267 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

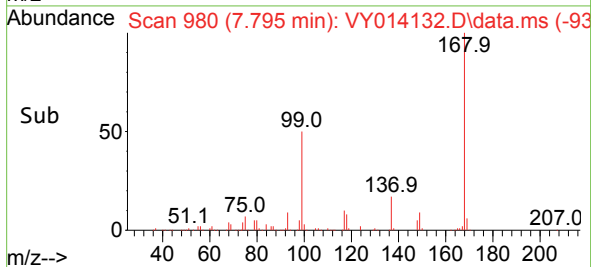
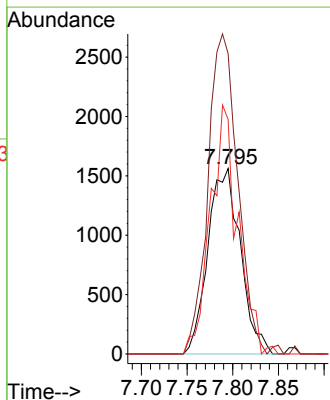
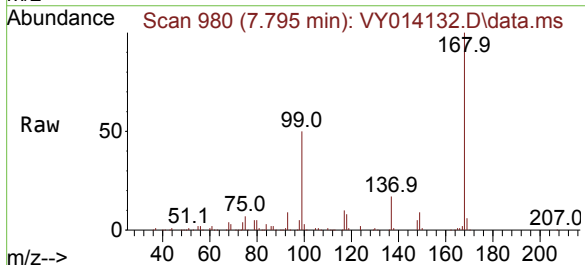
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

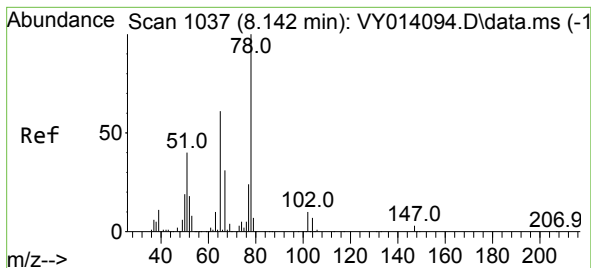
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

Tgt Ion: 56 Resp: 3857
Ion Ratio Lower Upper
56 100
69 162.0 27.8 41.6#
84 126.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.075 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014132.D

Acq: 13 Jun 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

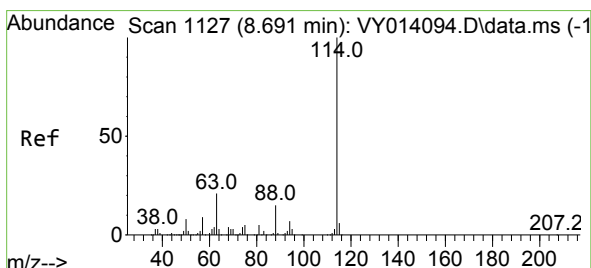
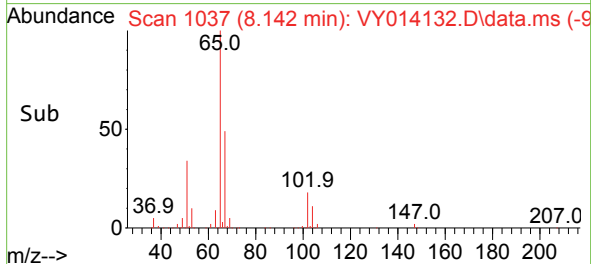
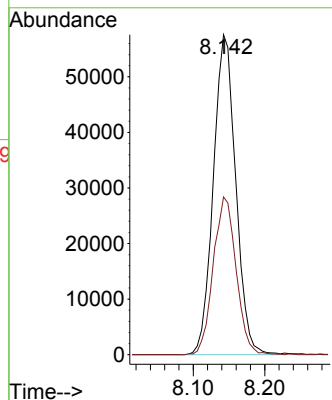
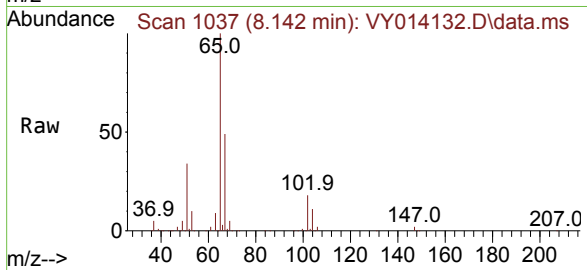
VY0613SBL01

Tgt Ion: 65 Resp: 125288

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY014132.D

Acq: 13 Jun 2023 11:56

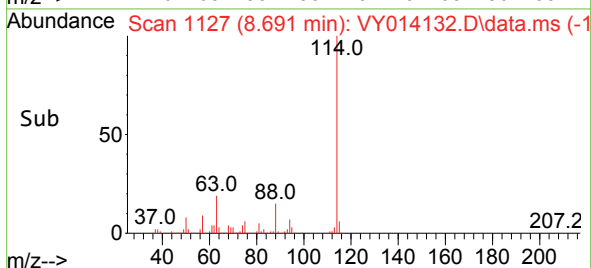
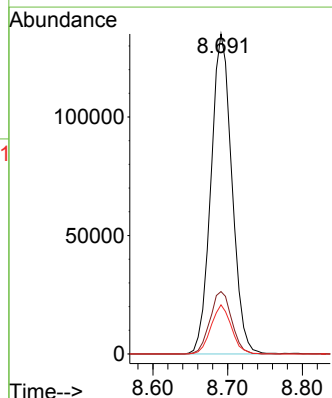
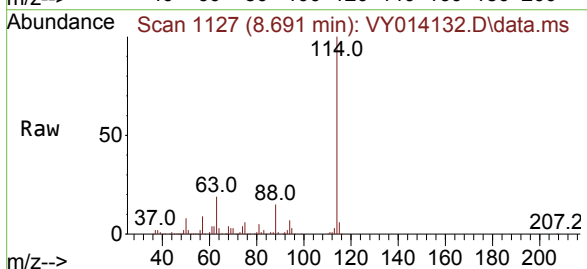
Tgt Ion: 114 Resp: 263334

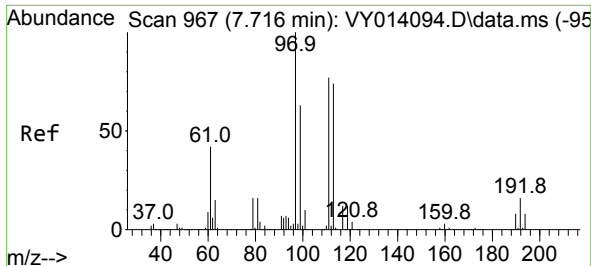
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.4 0.0 30.6

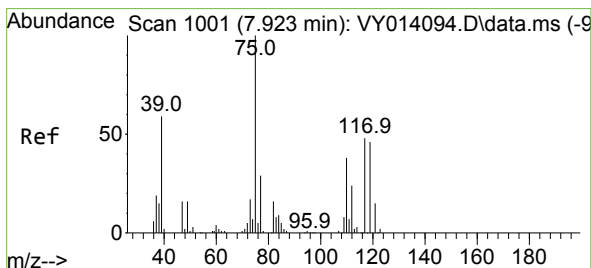
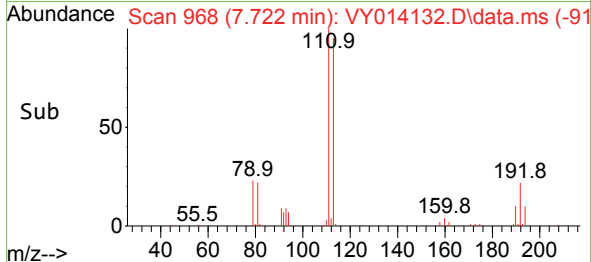
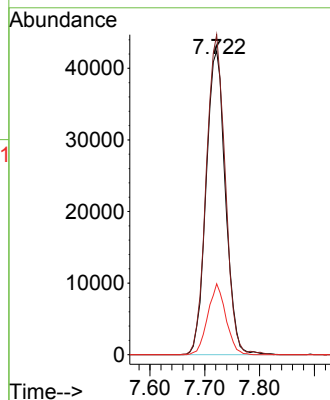
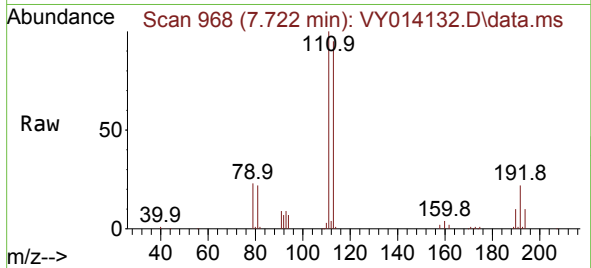




#35
Dibromofluoromethane
Concen: 55.397 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

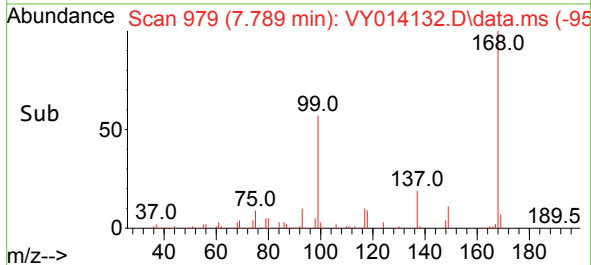
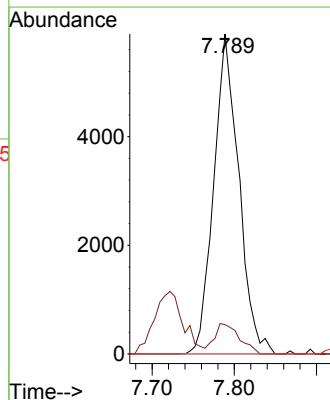
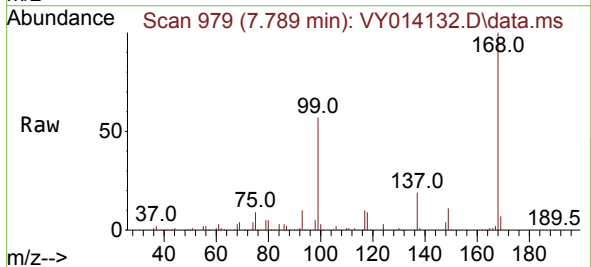
Instrument :
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ClientSampleId :
VY0613SBL01

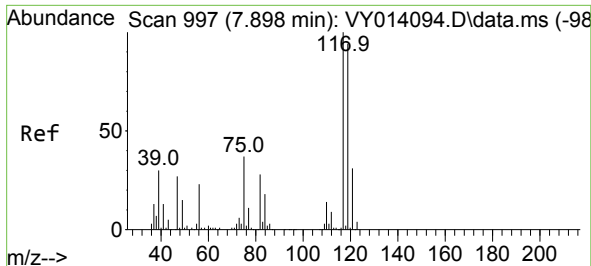
Tgt Ion:113 Resp: 103455
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 21.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.281 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

Tgt Ion: 75 Resp: 12464
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#

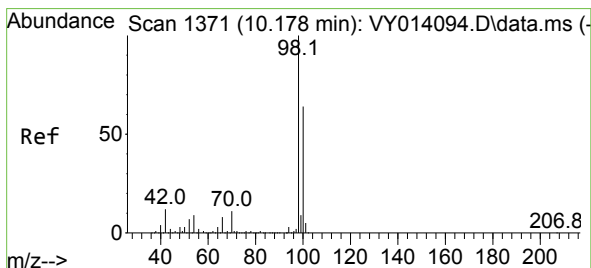
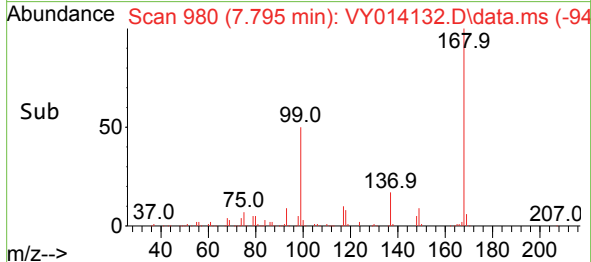
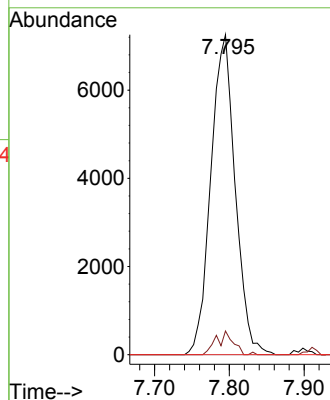
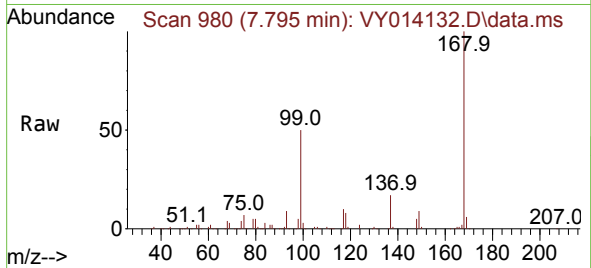




#38
Carbon Tetrachloride
Concen: 4.901 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

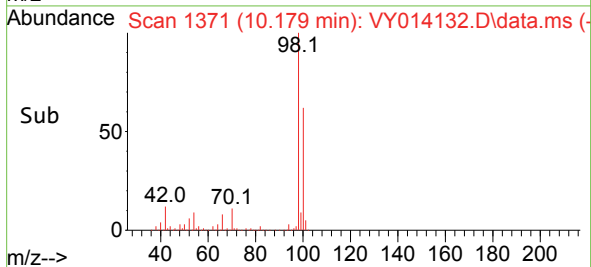
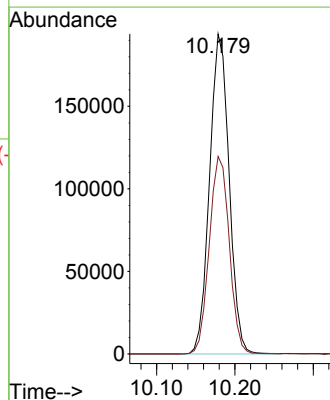
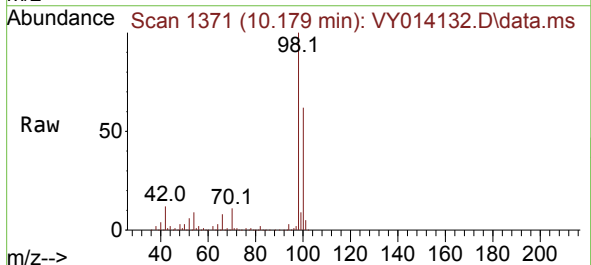
Instrument :
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VY0613SBL01

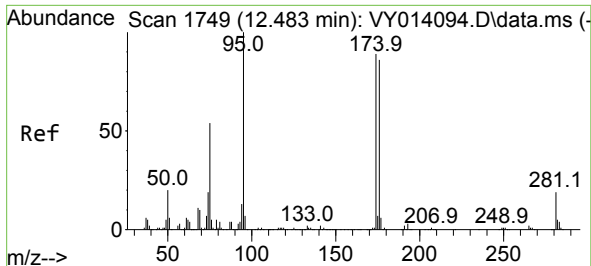
Tgt Ion:117 Resp: 16466
Ion Ratio Lower Upper
117 100
119 7.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.096 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

Tgt Ion: 98 Resp: 335801
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

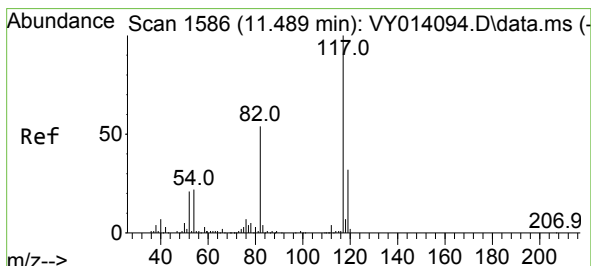
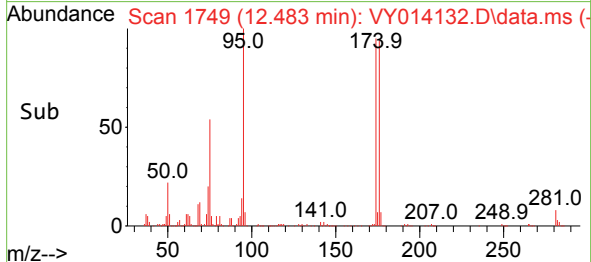
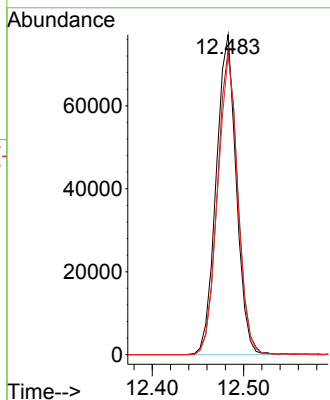
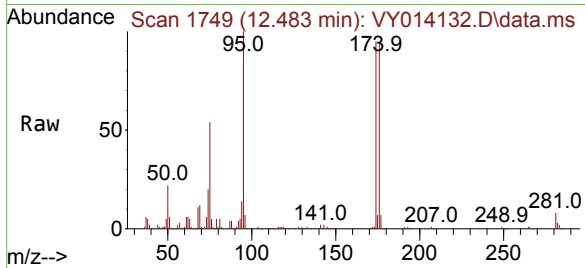




#62
4-Bromofluorobenzene
Concen: 47.547 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

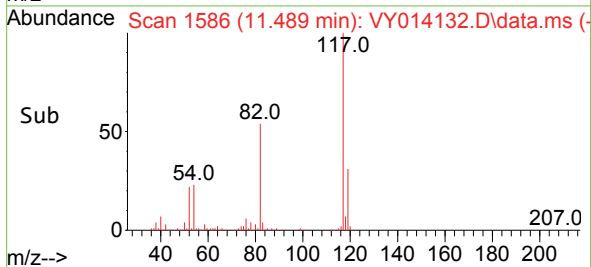
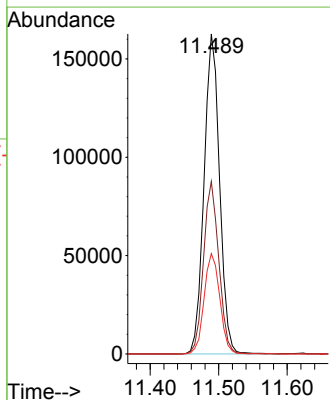
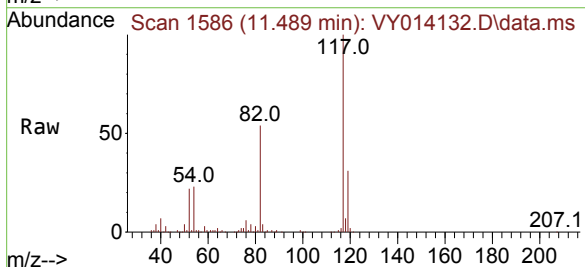
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBL01

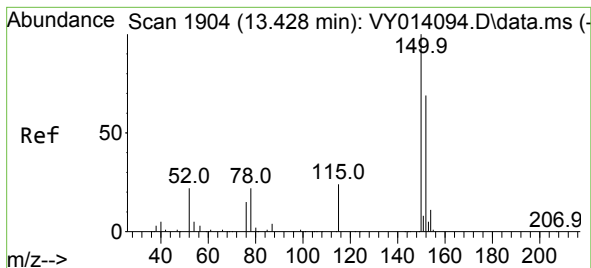
Tgt Ion: 95 Resp: 117925
Ion Ratio Lower Upper
95 100
174 96.7 0.0 178.2
176 93.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014132.D
Acq: 13 Jun 2023 11:56

Tgt Ion: 117 Resp: 256614
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014132.D

Acq: 13 Jun 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBL01

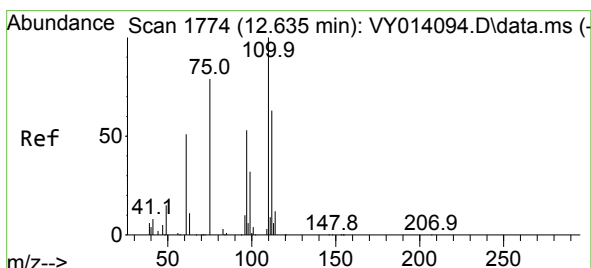
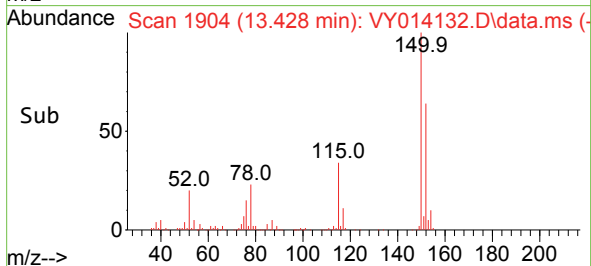
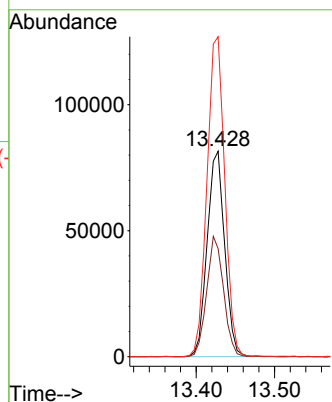
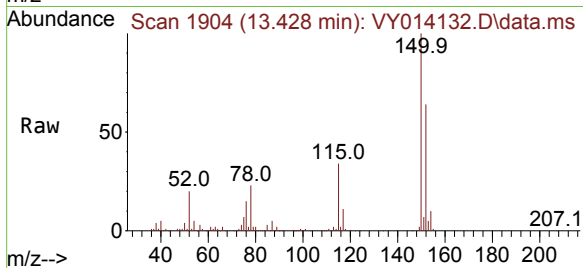
Tgt Ion:152 Resp: 126384

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 158.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.629 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014132.D

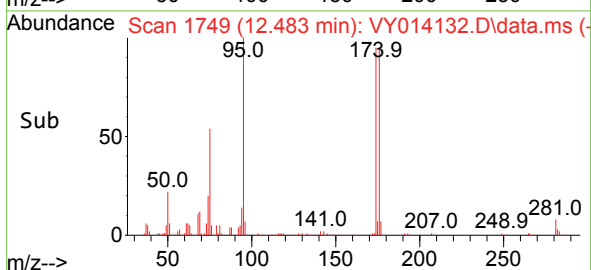
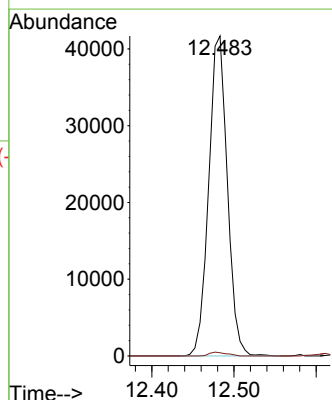
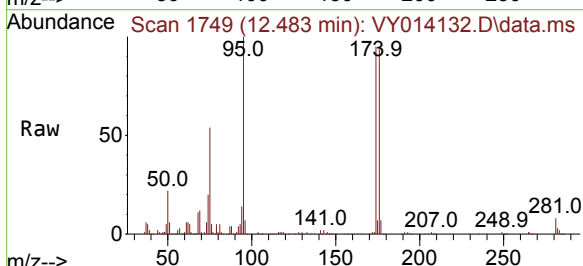
Acq: 13 Jun 2023 11:56

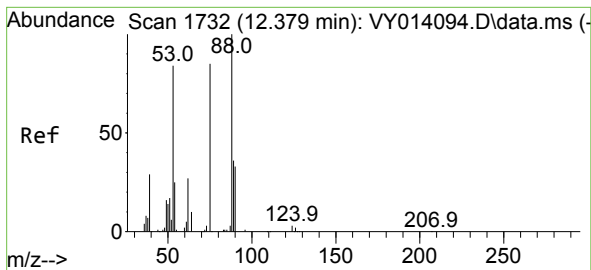
Tgt Ion: 75 Resp: 65710

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.663 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014132.D
 Acq: 13 Jun 2023 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBL01

Tgt Ion: 75 Resp: 65710
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.2 37.4 56.0#

