

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017314.D
 Acq On : 08 Feb 2024 15:46
 Operator : SY/MD
 Sample : P1390-01
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:13:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

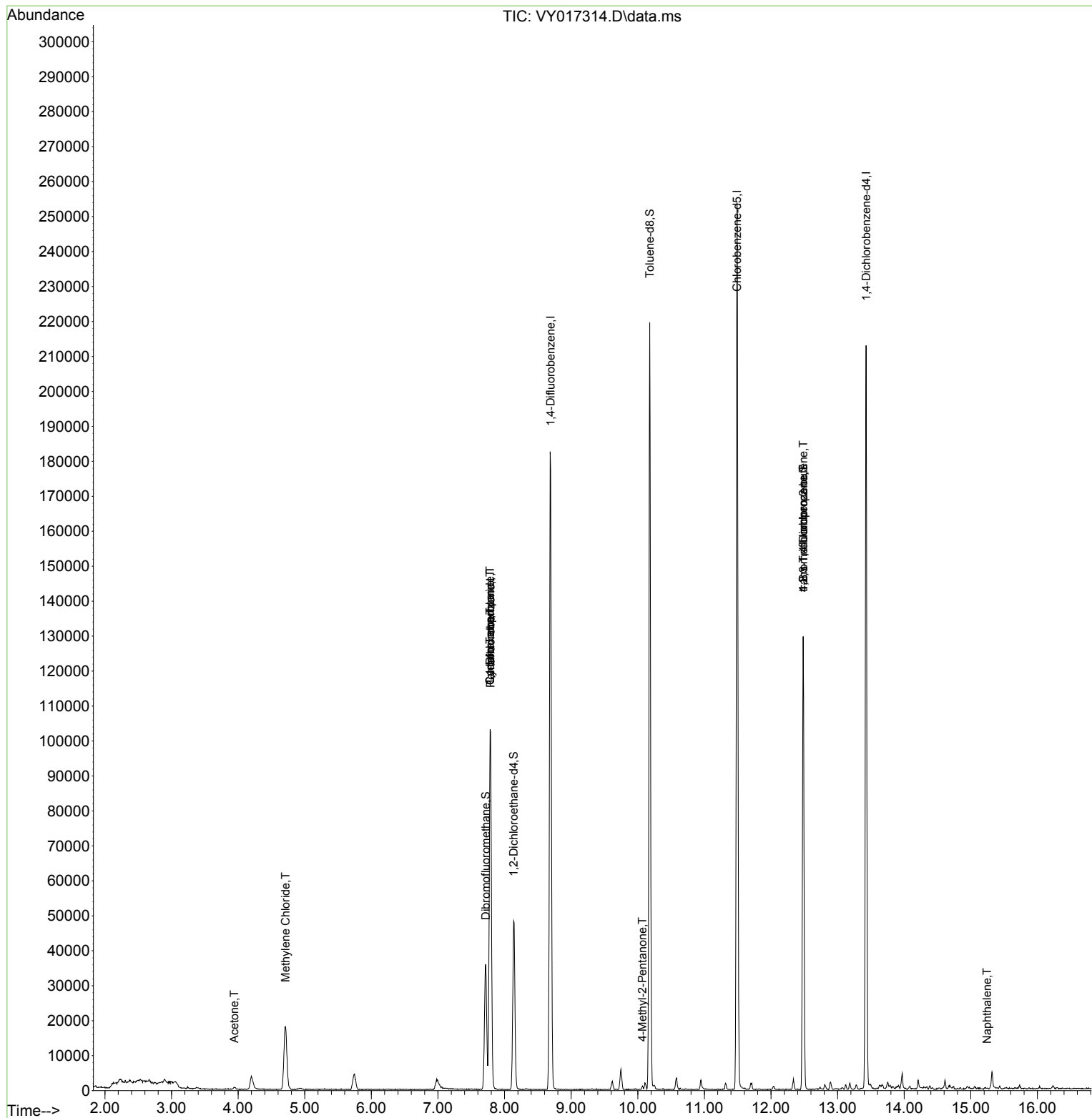
Internal Standards						
1) Pentafluorobenzene	7.789	168	77229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	134132	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	50150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37449	54.280	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.560%			
35) Dibromofluoromethane	7.716	113	25624	30.997	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 62.000%			
50) Toluene-d8	10.179	98	135034	44.864	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.720%			
62) 4-Bromofluorobenzene	12.483	95	36798	37.322	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 74.640%			
Target Compounds						
11) Tert butyl alcohol	4.924	59	129	Below Cal	#	75
16) Acetone	3.942	43	1023	5.045	ug/l	95
20) Methylene Chloride	4.710	84	13465	13.667	ug/l	95
31) Cyclohexane	7.783	56	1749	1.258	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	7181	5.036	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	8275	6.061	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.069	43	707	1.127	ug/l	87
76) 1,2,3-Trichloropropane	12.483	75	20560	44.418	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	20560	92.294	ug/l	# 12
95) Naphthalene	15.245	128	253	3.600	ug/l	# 69

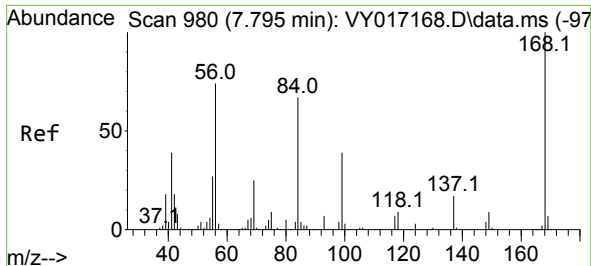
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017314.D
Acq On : 08 Feb 2024 15:46
Operator : SY/MD
Sample : P1390-01
Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 09 00:13:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

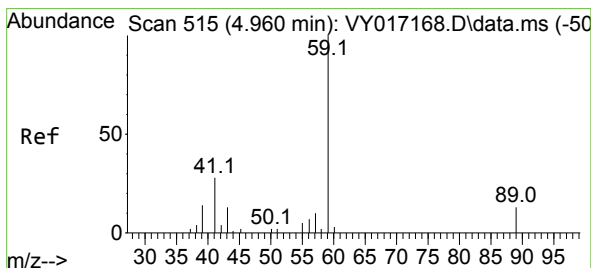
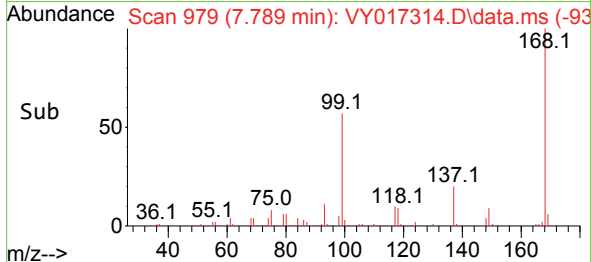
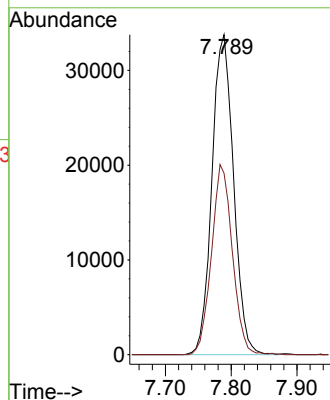
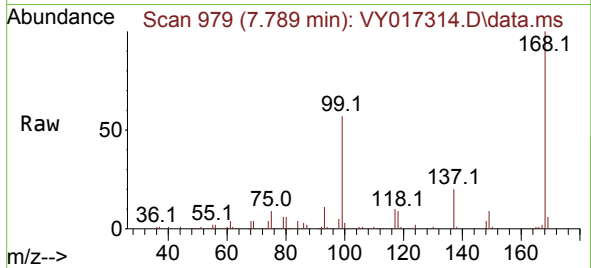




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

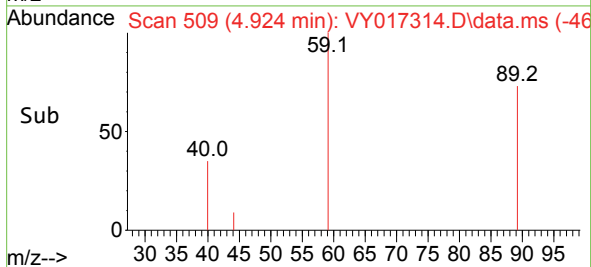
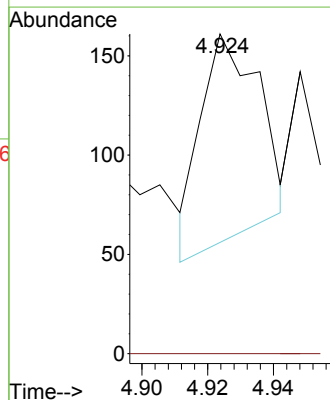
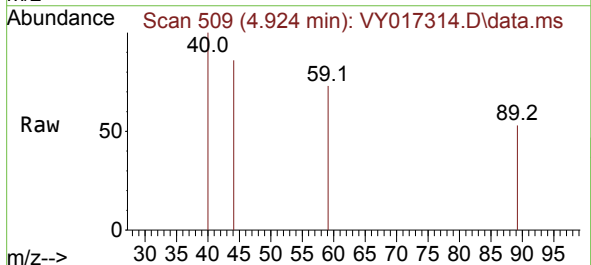
Instrument :
MSVOA_Y
ClientSampleId :

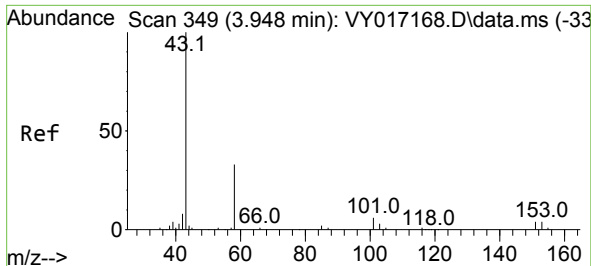
Tgt Ion:168 Resp: 77229
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 5.045 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

Instrument :

MSVOA_Y

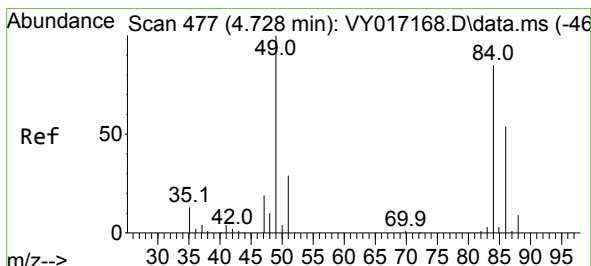
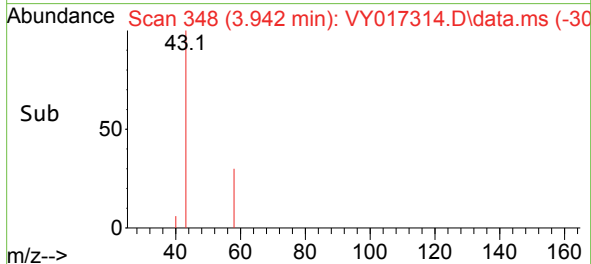
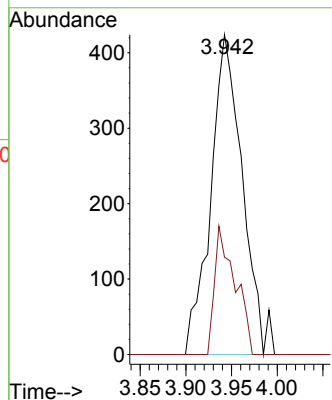
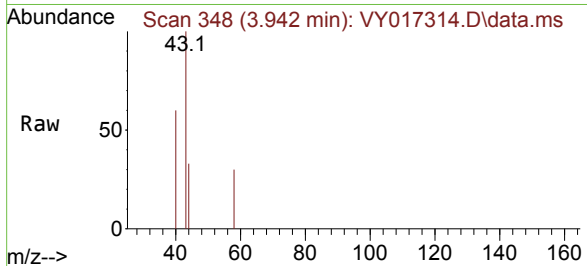
ClientSampleId :

Tgt Ion: 43 Resp: 1023

Ion Ratio Lower Upper

43 100

58 30.4 26.6 39.8



#20

Methylene Chloride

Concen: 13.667 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

Tgt Ion: 84 Resp: 13465

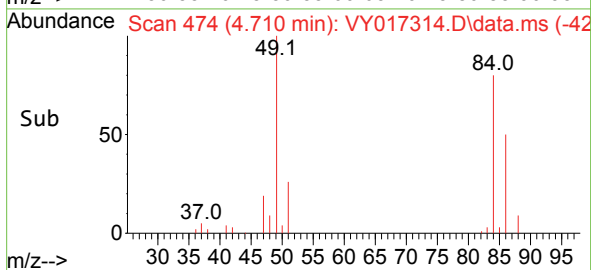
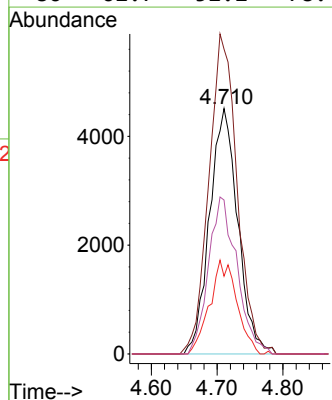
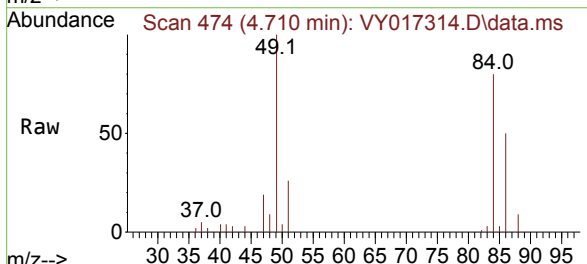
Ion Ratio Lower Upper

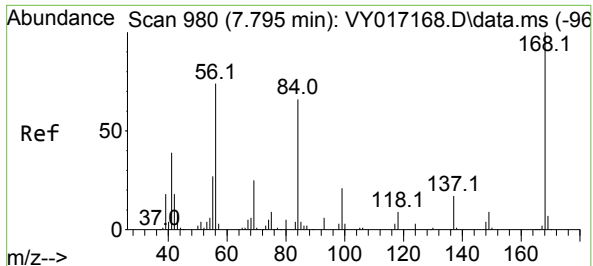
84 100

49 124.2 95.2 142.8

51 31.7 29.9 44.9

86 62.7 52.2 78.4

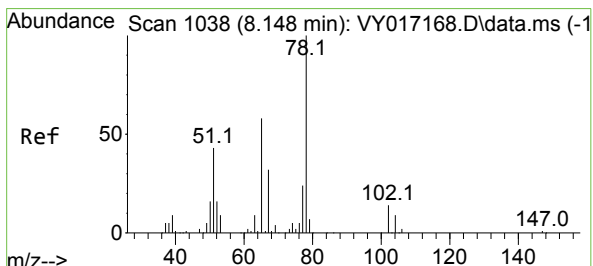
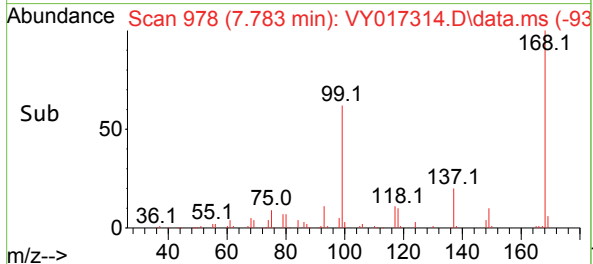
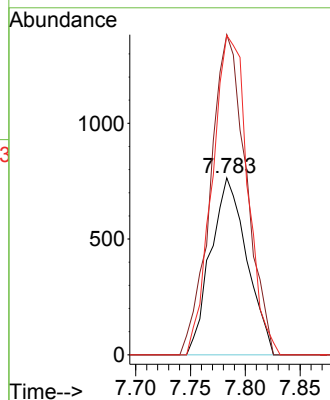
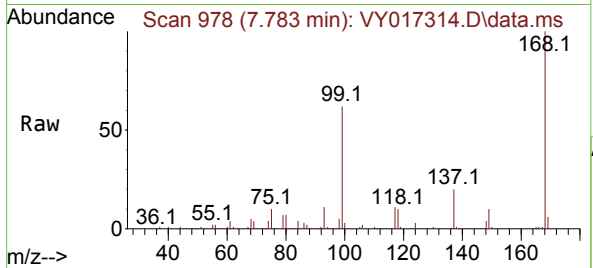




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

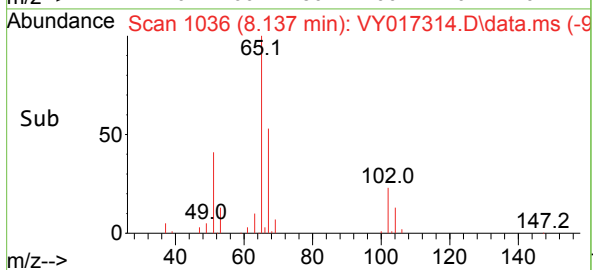
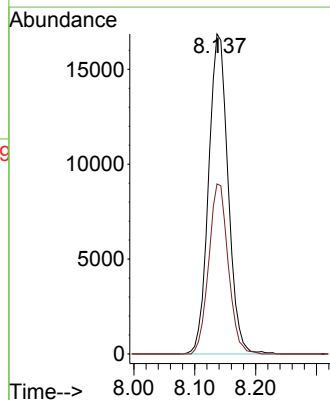
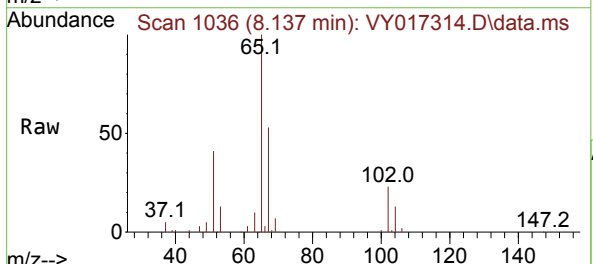
Instrument :
MSVOA_Y
ClientSampleId :

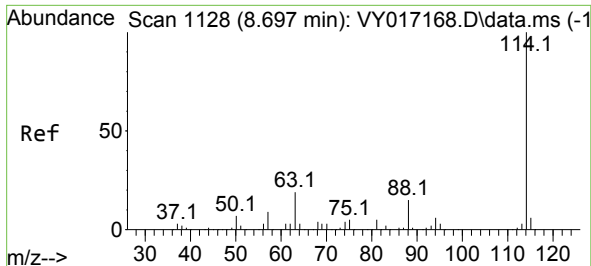
Tgt Ion: 56 Resp: 1749
Ion Ratio Lower Upper
56 100
69 181.0 27.0 40.6#
84 180.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.280 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 65 Resp: 37449
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

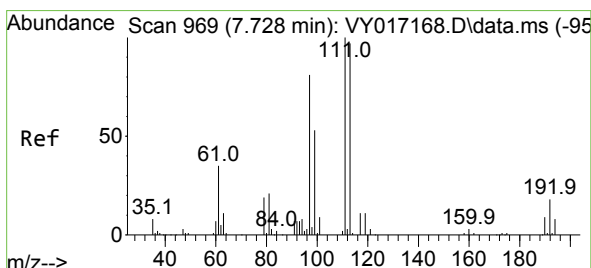
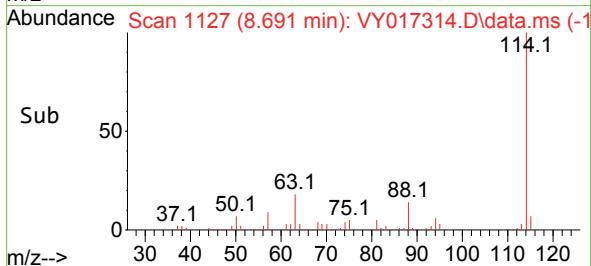
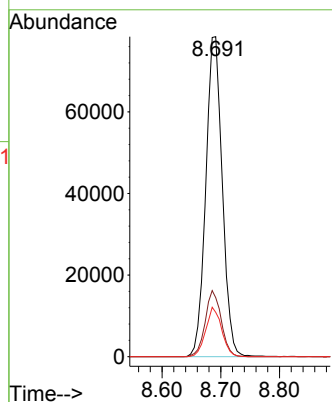
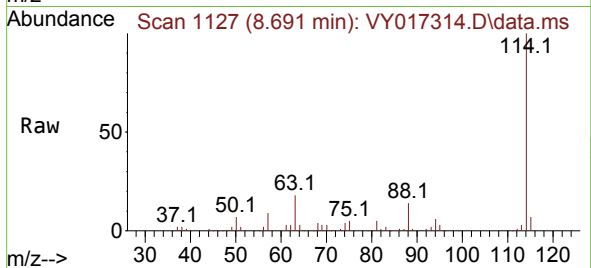
Tgt Ion:114 Resp: 153105

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 13.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 30.997 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

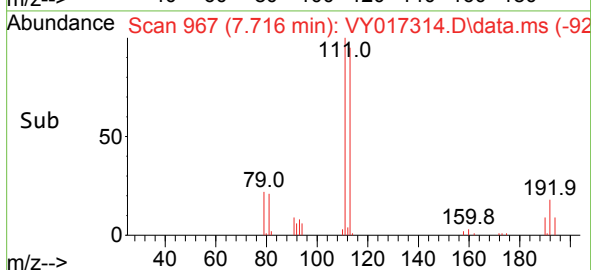
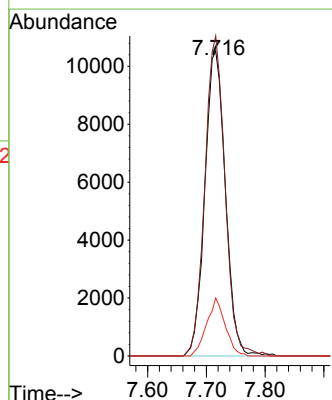
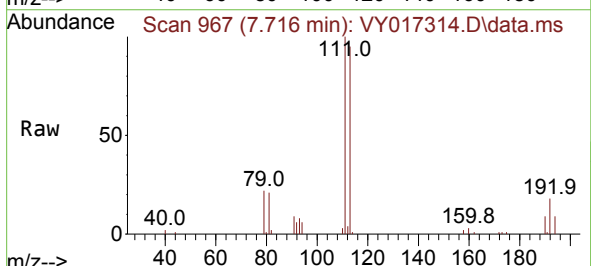
Tgt Ion:113 Resp: 25624

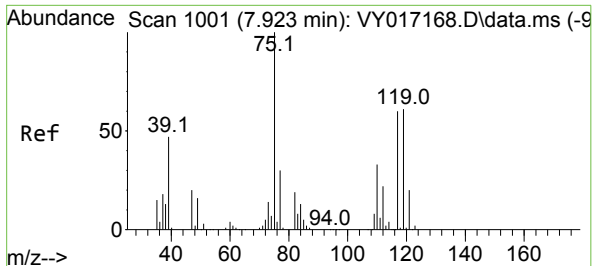
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.2 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.036 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

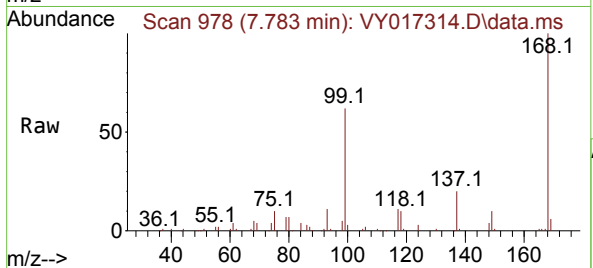
Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

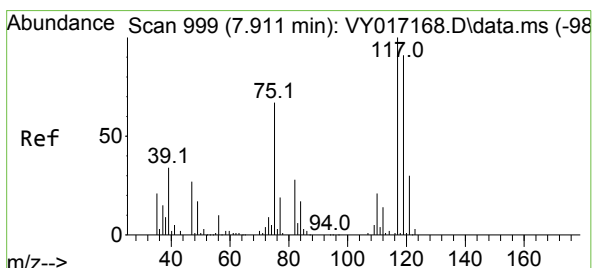
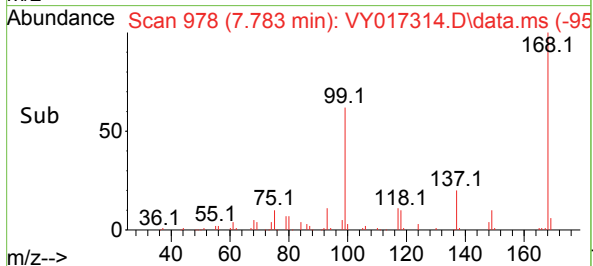
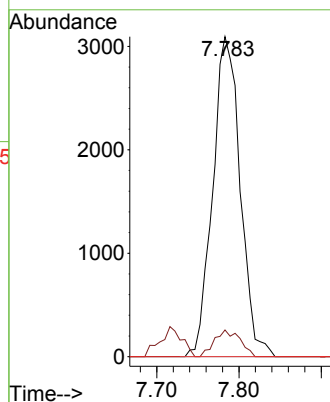
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7181
Ion Ratio	Lower Upper
75	100
110	7.8 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.061 ug/l

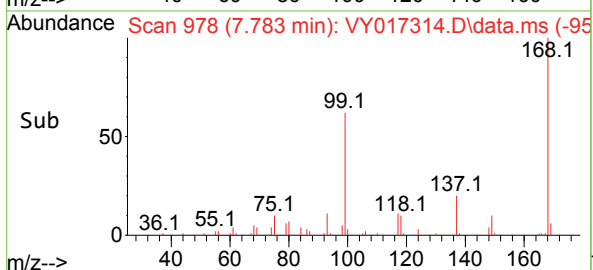
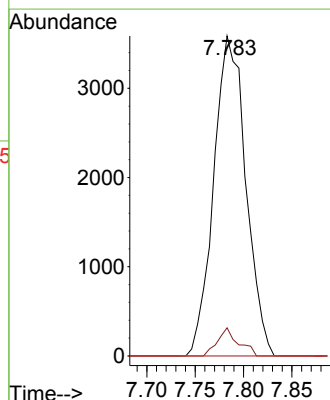
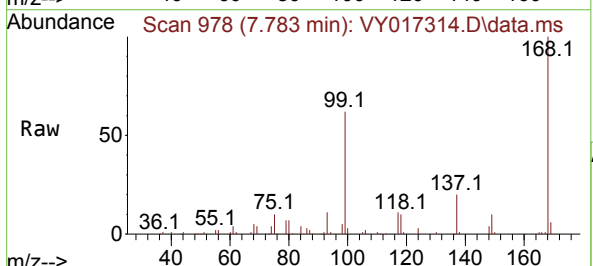
RT: 7.783 min Scan# 978

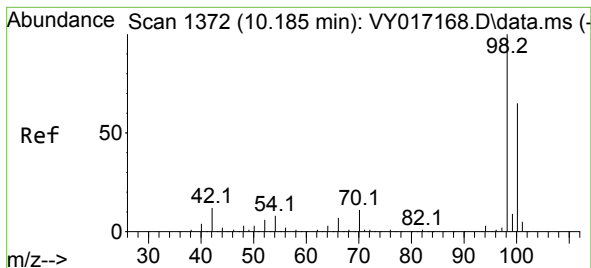
Delta R.T. -0.128 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

Tgt Ion: 117	Resp: 8275
Ion Ratio	Lower Upper
117	100
119	8.8 76.0 114.0#
121	0.0 24.2 36.2#





#50

Toluene-d8

Concen: 44.864 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

Instrument :

MSVOA_Y

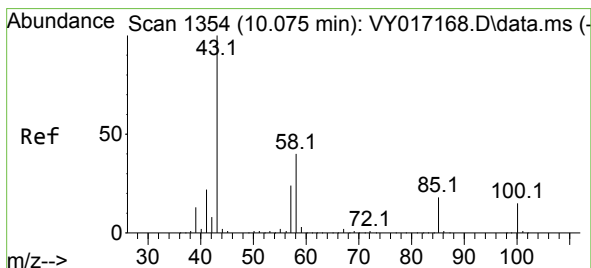
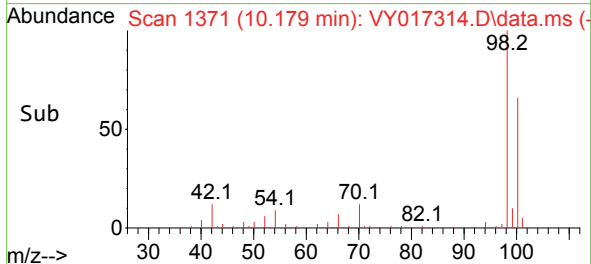
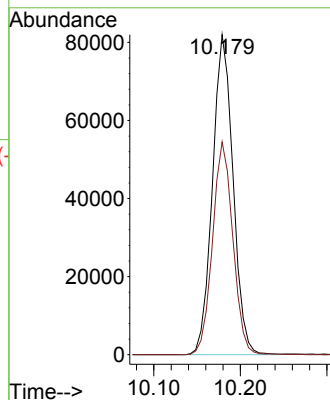
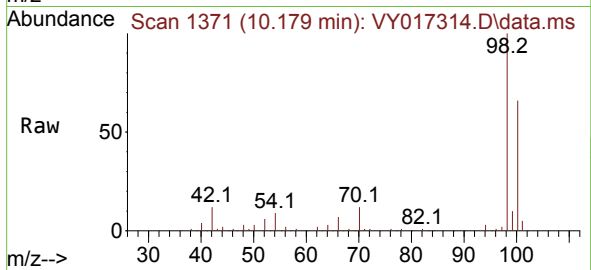
ClientSampleId :

Tgt Ion: 98 Resp: 135034

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 1.127 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY017314.D

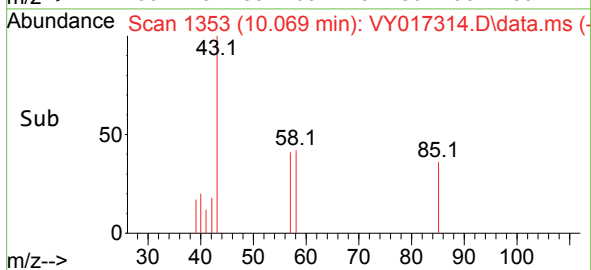
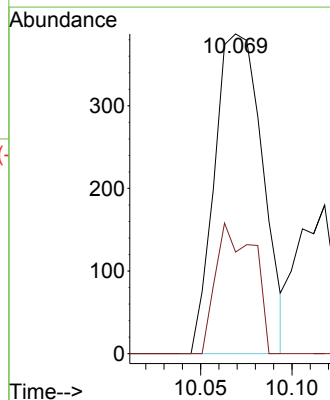
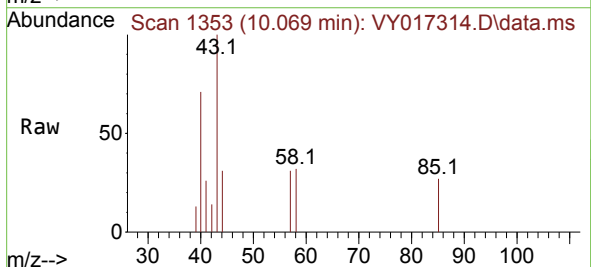
Acq: 08 Feb 2024 15:46

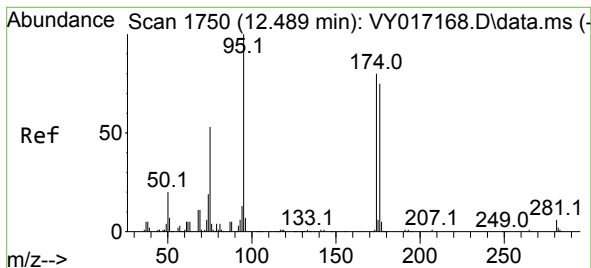
Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

43 100

58 32.4 32.2 48.2

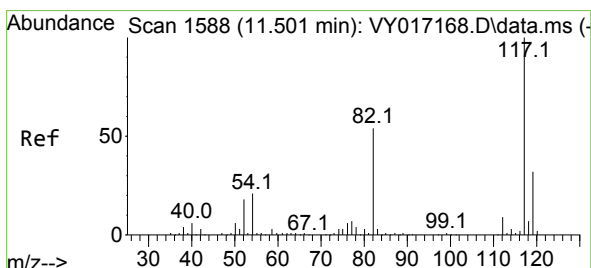
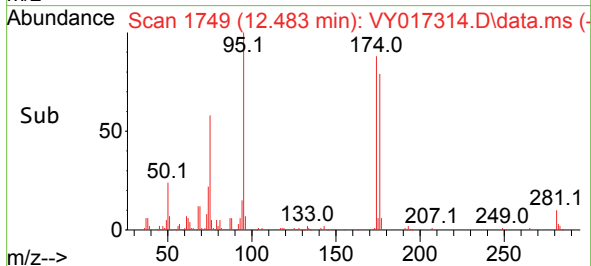
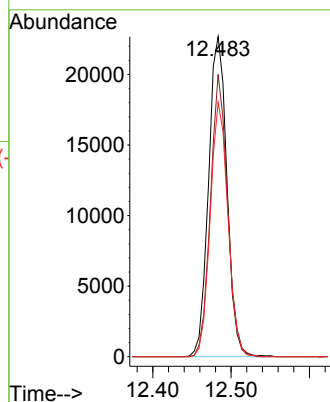
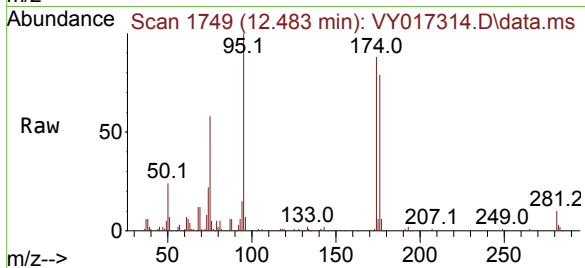




#62
4-Bromofluorobenzene
Concen: 37.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

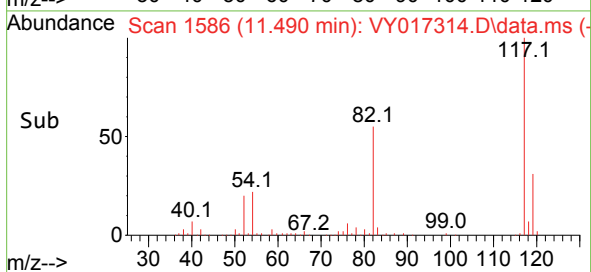
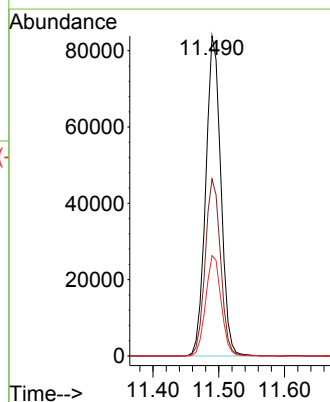
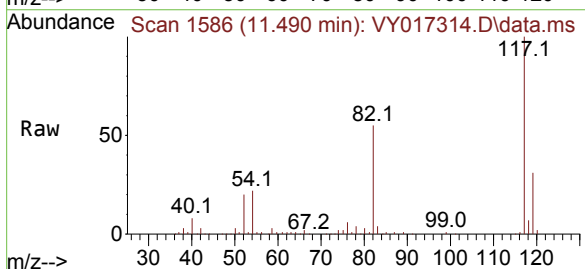
Instrument :
MSVOA_Y
ClientSampleId :

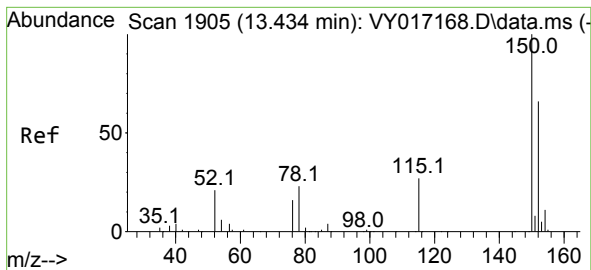
Tgt Ion: 95 Resp: 36798
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.0
176 76.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 117 Resp: 134132
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

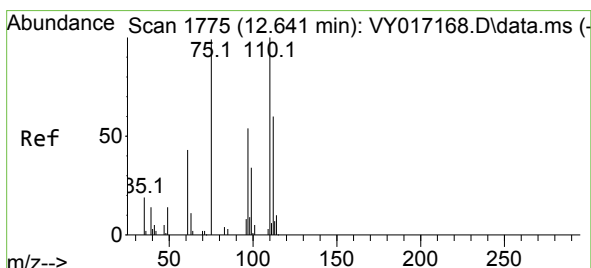
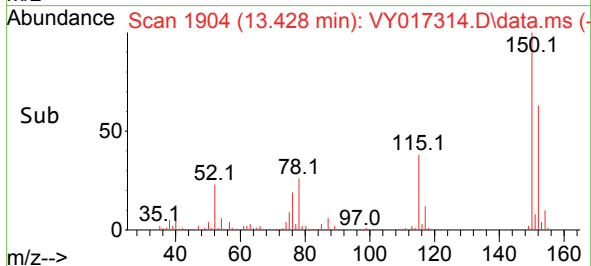
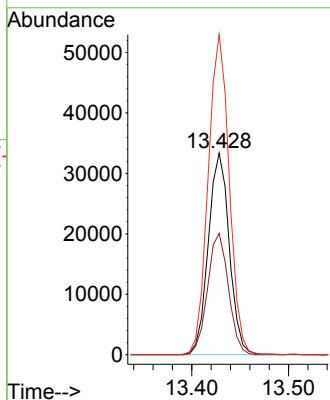
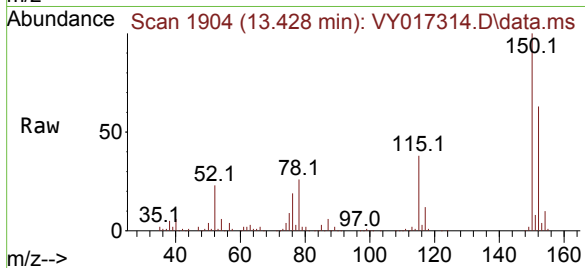
Tgt Ion:152 Resp: 50150

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 159.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 44.418 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017314.D

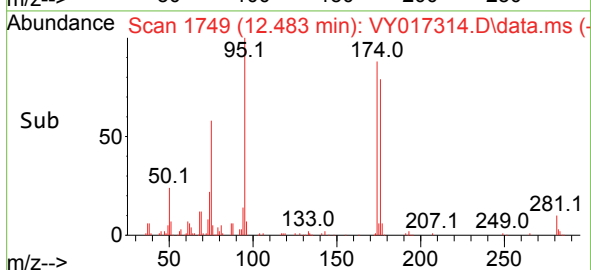
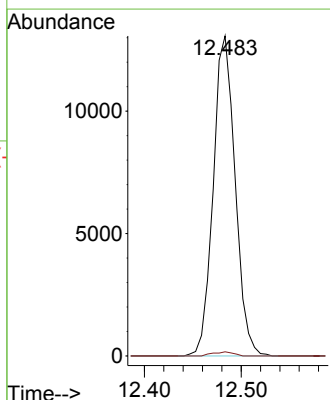
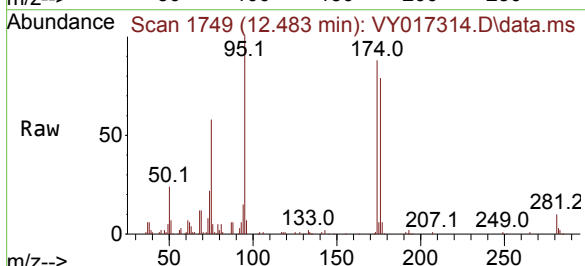
Acq: 08 Feb 2024 15:46

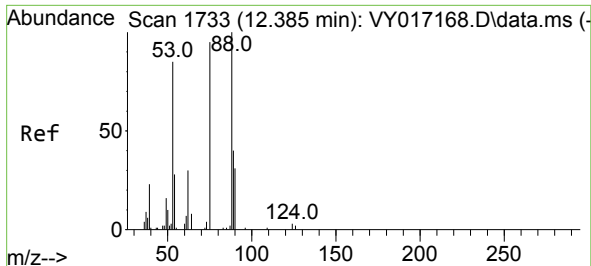
Tgt Ion: 75 Resp: 20560

Ion Ratio Lower Upper

75 100

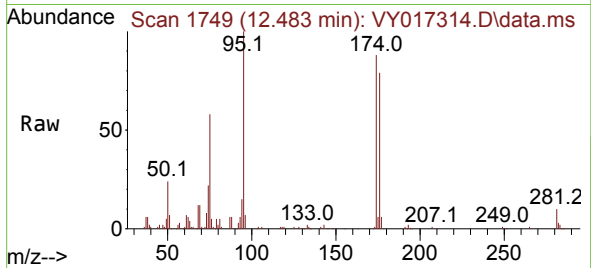
77 1.2 0.0 0.0#



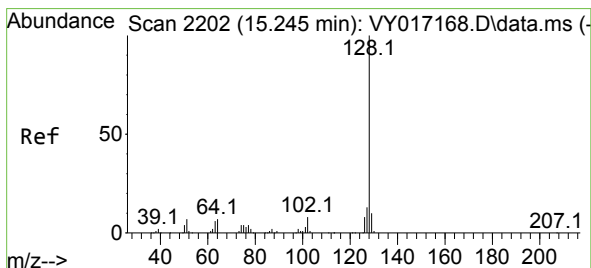
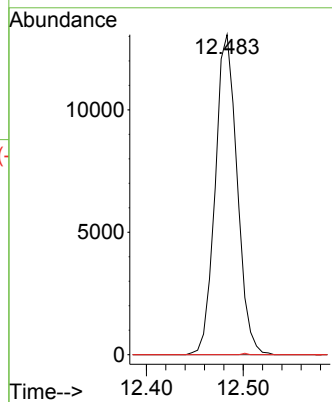
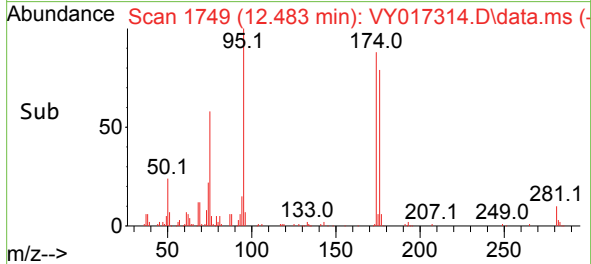


#81
trans-1,4-Dichloro-2-butene
Concen: 92.294 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

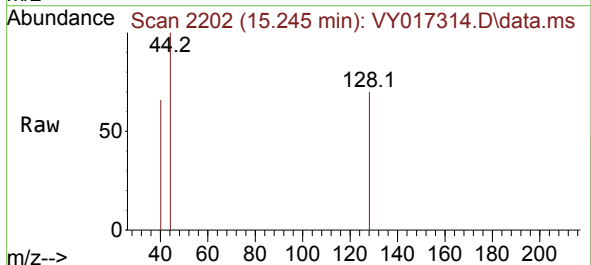
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 20560
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 3.600 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46



Tgt Ion: 128 Resp: 253
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

