

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016866.D
 Acq On : 27 Dec 2023 10:09
 Operator : SY/MD
 Sample : VY1227SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBL01

Quant Time: Dec 28 03:41:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

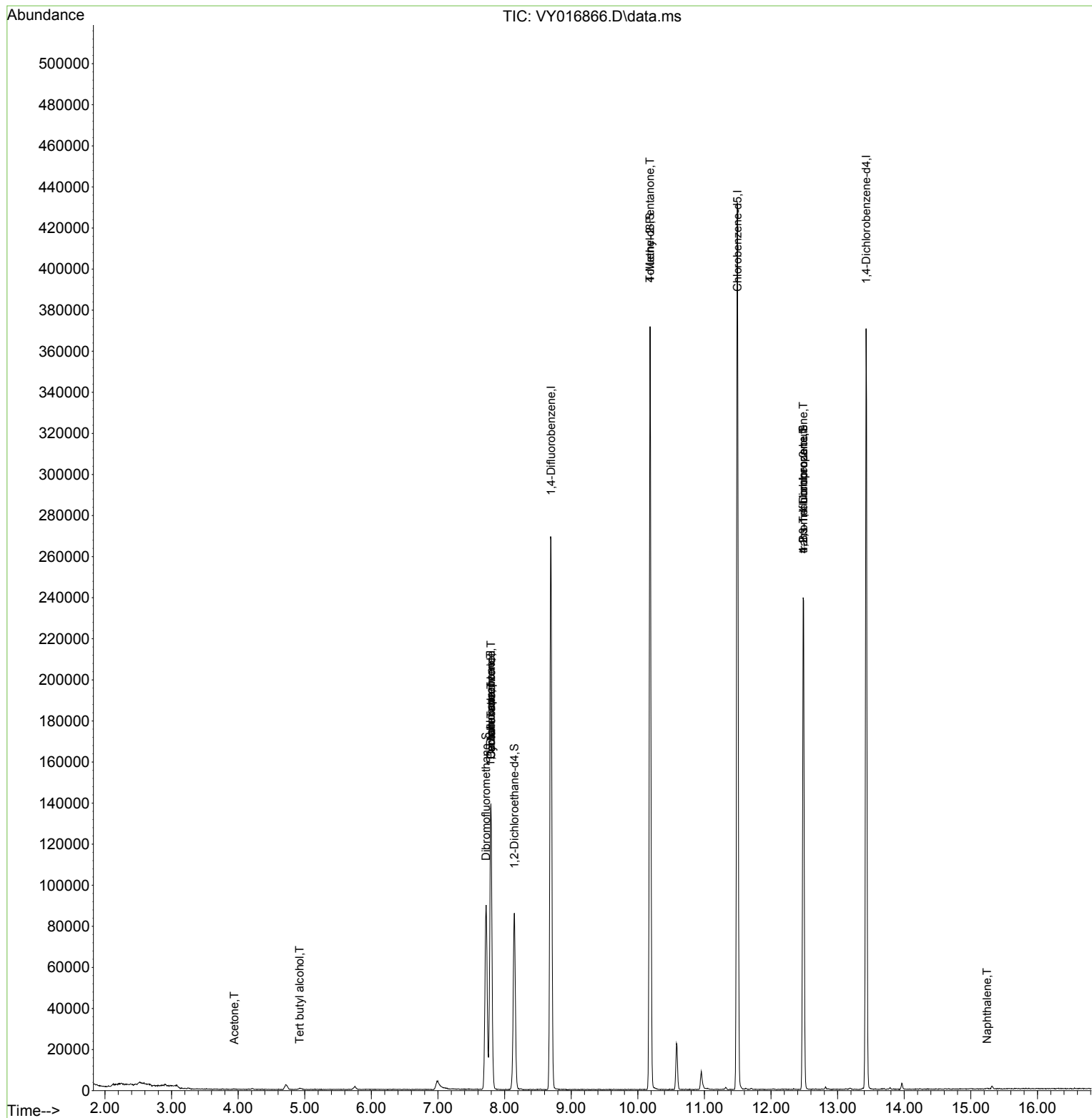
Internal Standards						
1) Pentafluorobenzene	7.795	168	106334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64365	66.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.620%	
35) Dibromofluoromethane	7.722	113	65305	49.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.280%	
50) Toluene-d8	10.185	98	231501	48.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	12.483	95	75742	48.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	440	5.528	ug/l #	75
16) Acetone	3.942	43	370	1.410	ug/l #	41
20) Methylene Chloride	4.722	84	1683	Below Cal		89
31) Cyclohexane	7.795	56	2406	1.294	ug/l #	2
36) 1,1-Dichloropropene	7.789	75	9620	4.516	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10835	5.140	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1003	1.061	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	40241	40.226	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40241	94.469	ug/l #	12
95) Naphthalene	15.245	128	372	3.712	ug/l #	69

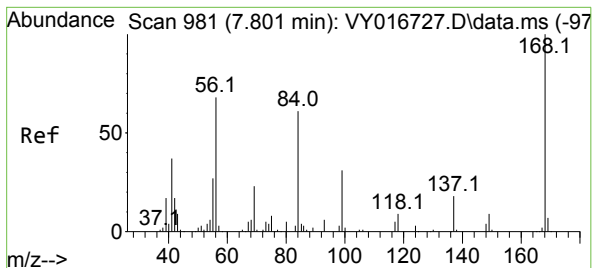
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
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Instrument :
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ClientSampleId :
VY1227SBL01

Quant Time: Dec 28 03:41:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

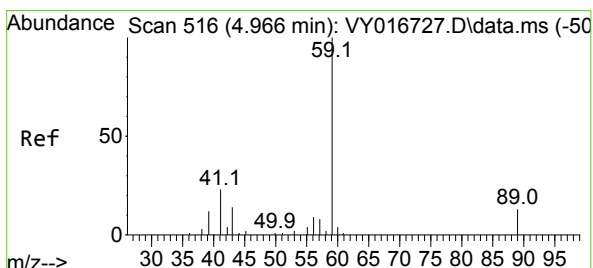
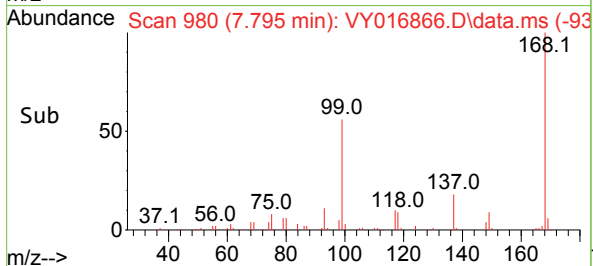
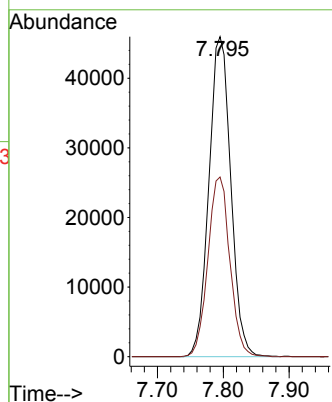
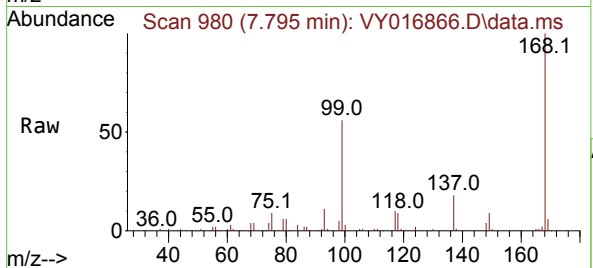
VY1227SBL01

Tgt Ion:168 Resp: 106334

Ion Ratio Lower Upper

168 100

99 56.2 44.2 66.4



#11

Tert butyl alcohol

Concen: 5.528 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.042 min

Lab File: VY016866.D

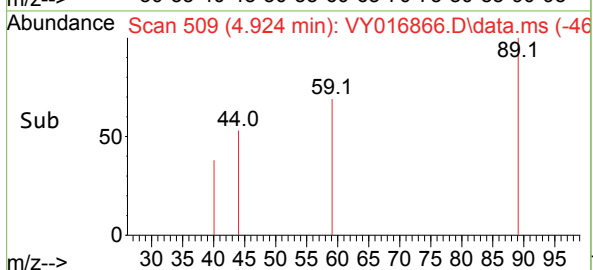
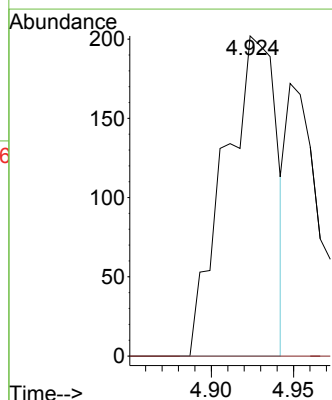
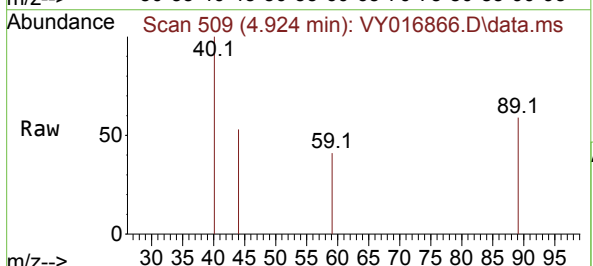
Acq: 27 Dec 2023 10:09

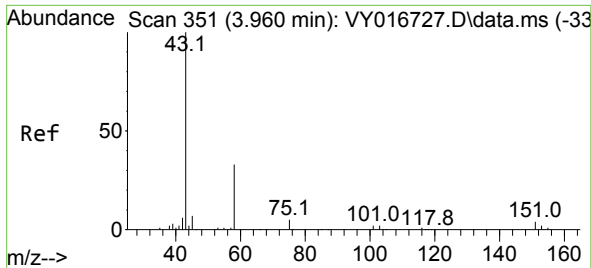
Tgt Ion: 59 Resp: 440

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#

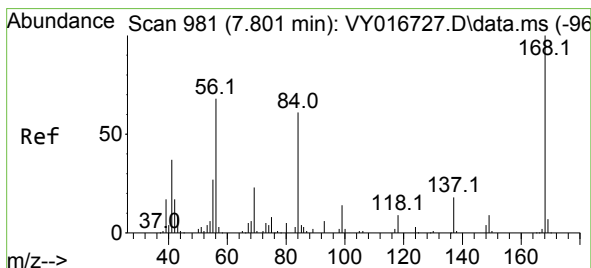
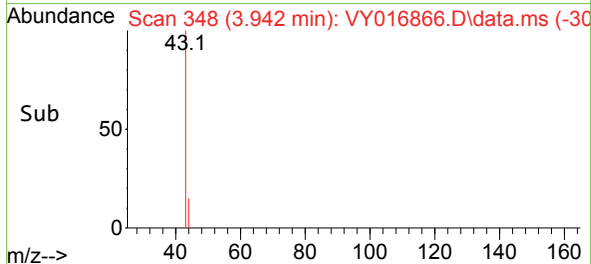
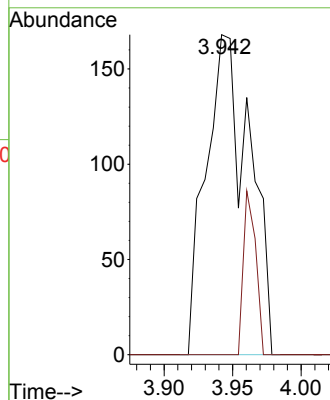
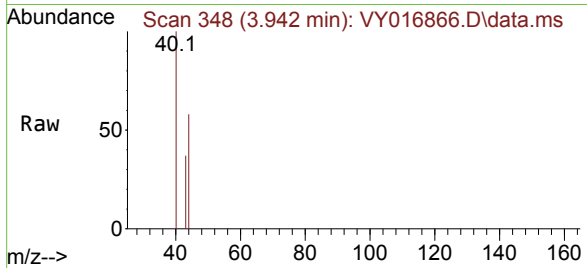




#16
Acetone
Concen: 1.410 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

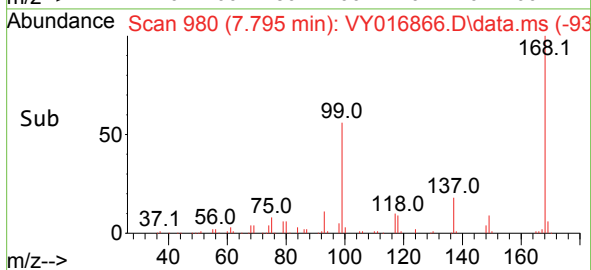
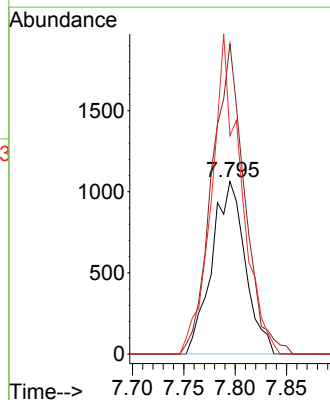
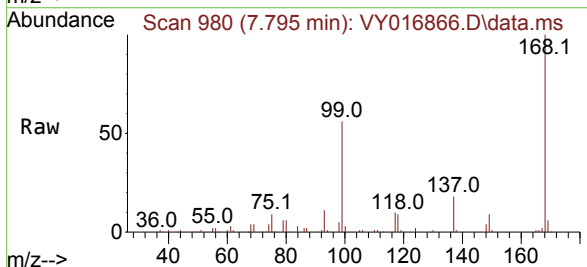
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

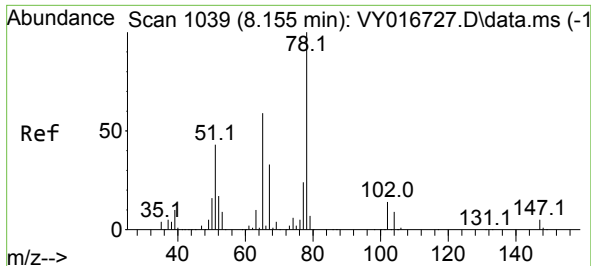
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

Tgt Ion: 56 Resp: 2406
Ion Ratio Lower Upper
56 100
69 179.7 27.0 40.6#
84 126.6 71.8 107.6#

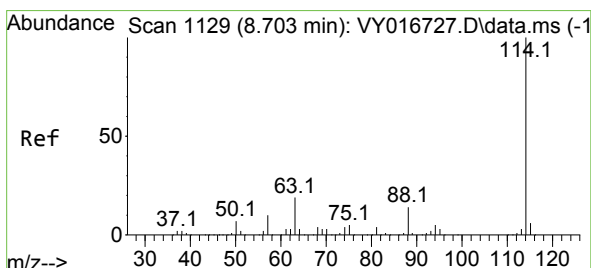
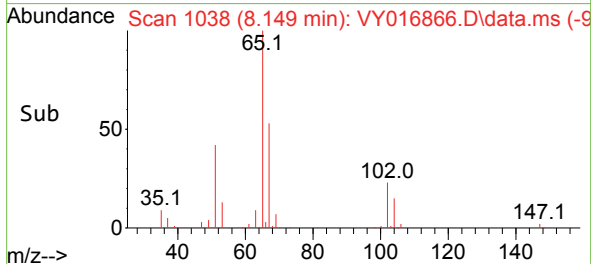
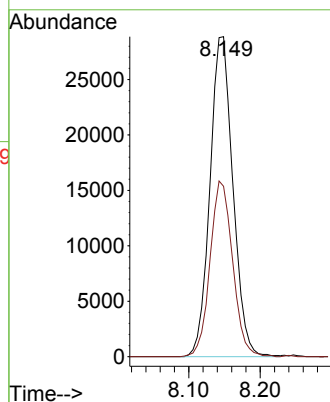
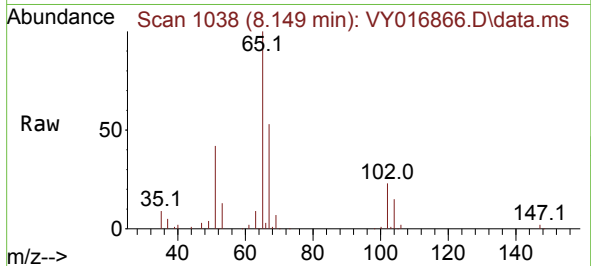




#33
1,2-Dichloroethane-d4
Concen: 66.307 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

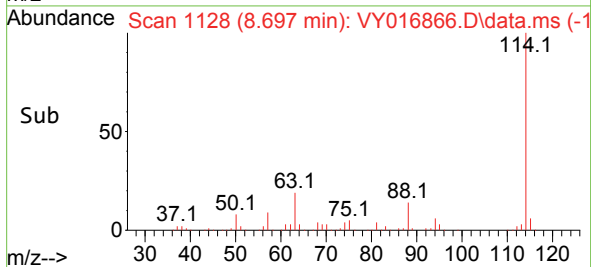
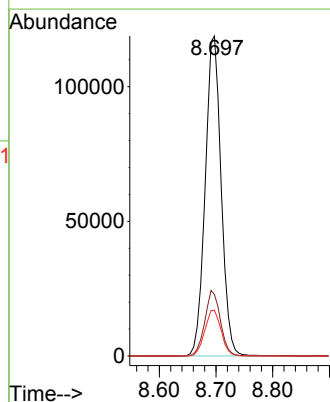
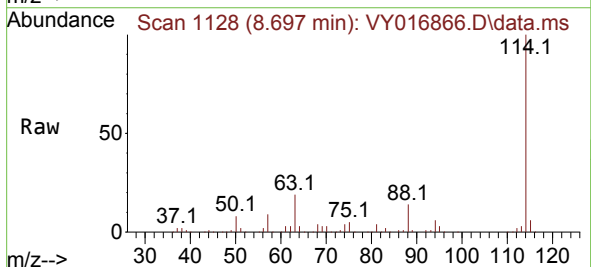
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

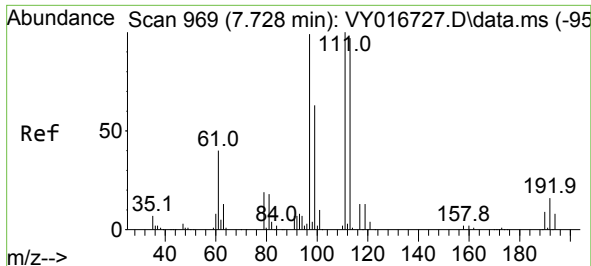
Tgt Ion: 65 Resp: 64365
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

Tgt Ion: 114 Resp: 231985
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.3 0.0 29.0

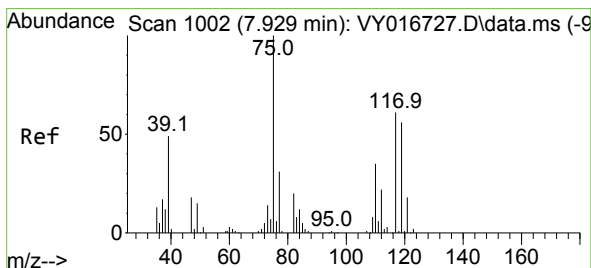
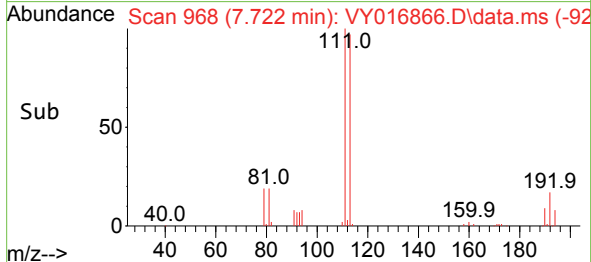
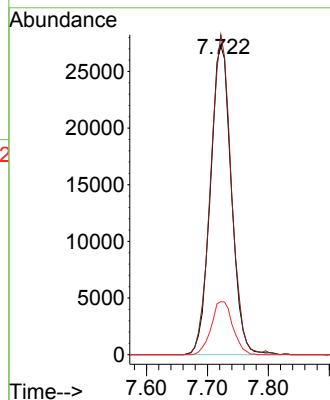
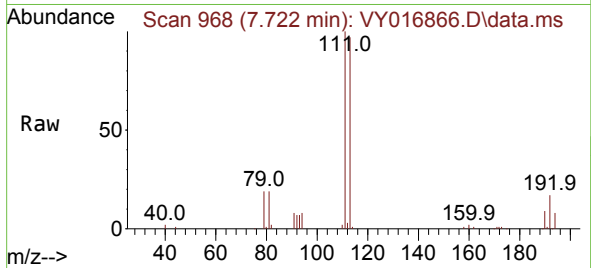




#35
Dibromofluoromethane
Concen: 49.143 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

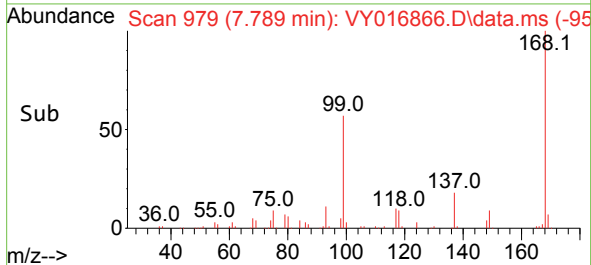
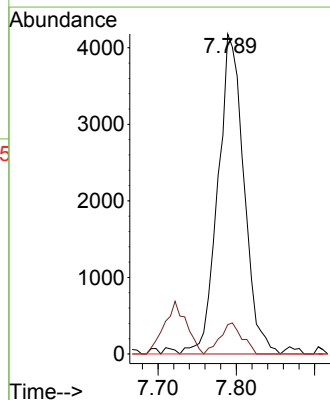
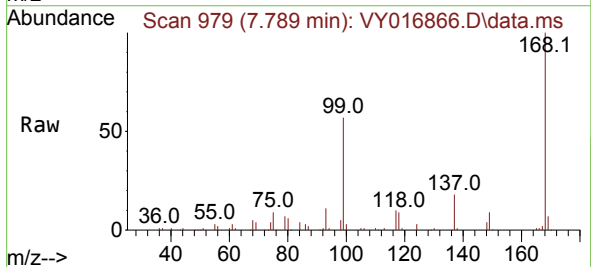
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

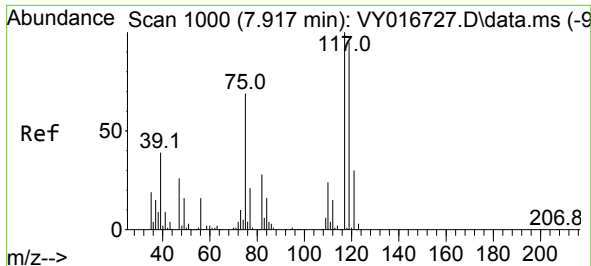
Tgt Ion:113 Resp: 65305
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

Tgt Ion: 75 Resp: 9620
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.3#
77 0.0 24.7 37.1#

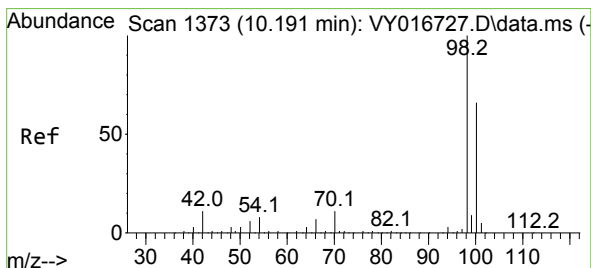
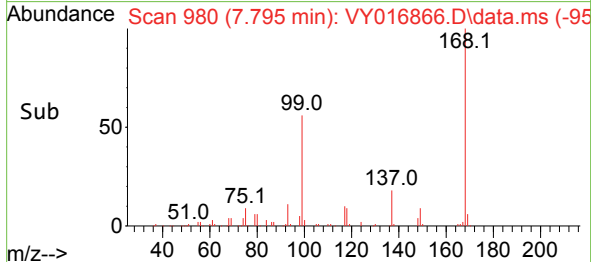
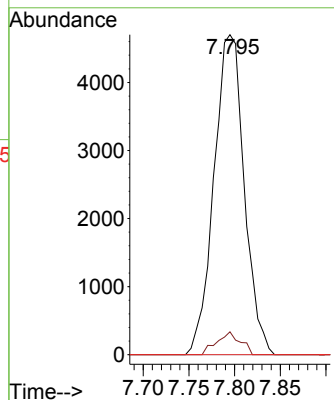
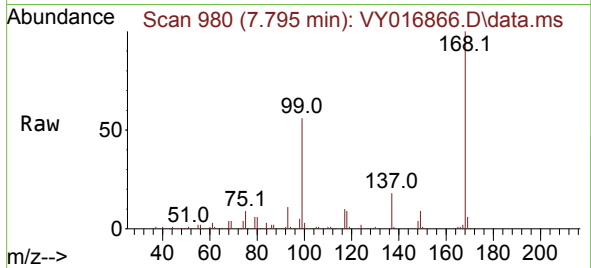




#38
Carbon Tetrachloride
Concen: 5.140 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

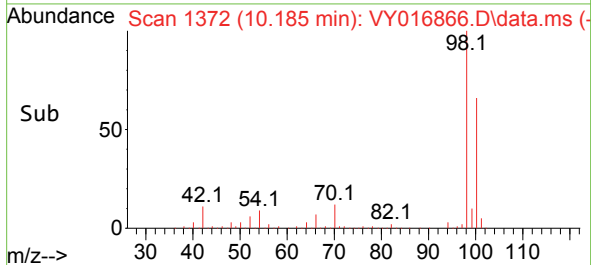
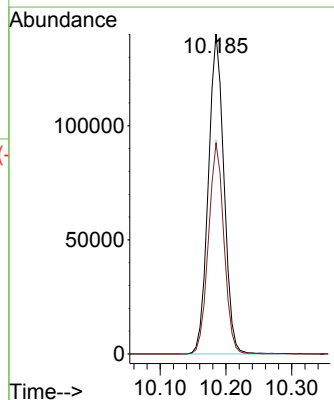
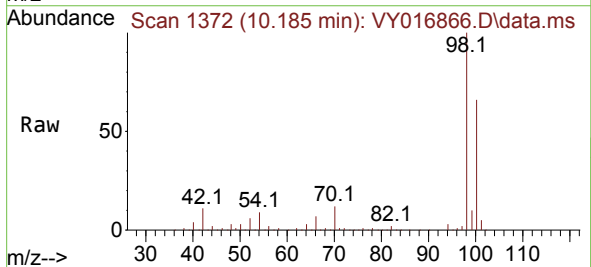
Instrument :
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ClientSampleId :
VY1227SBL01

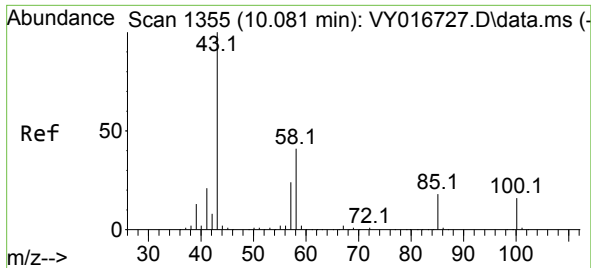
Tgt Ion:117 Resp: 10835
Ion Ratio Lower Upper
117 100
119 7.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.326 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

Tgt Ion: 98 Resp: 231501
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

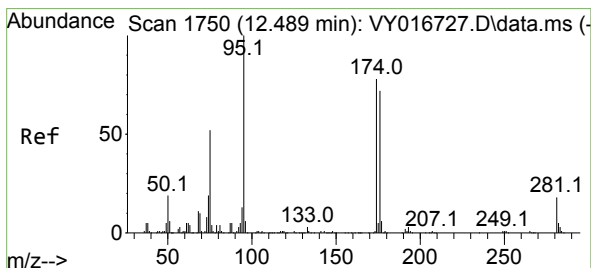
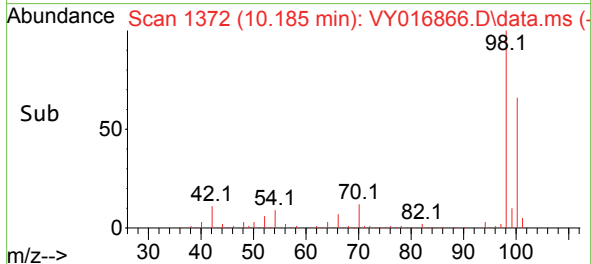
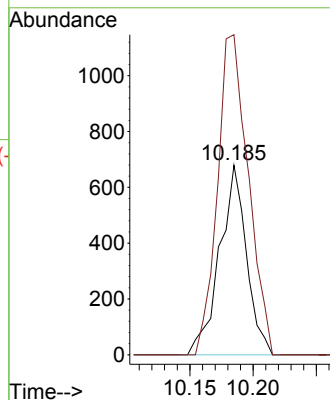
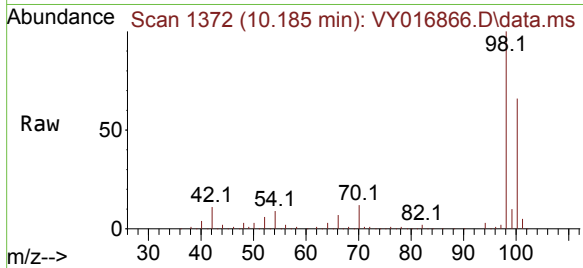




#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

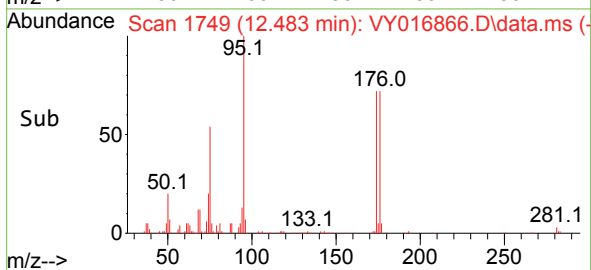
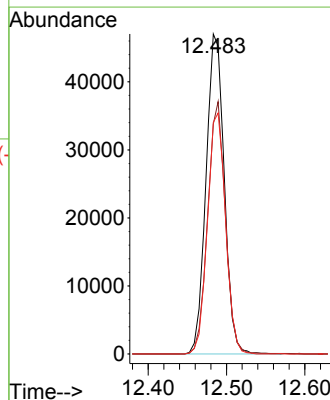
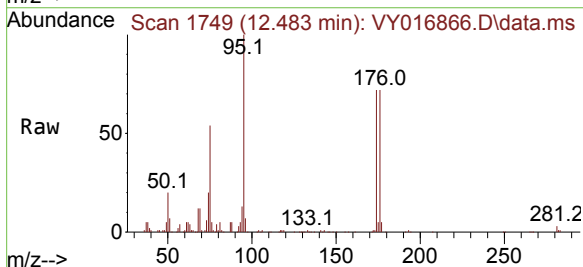
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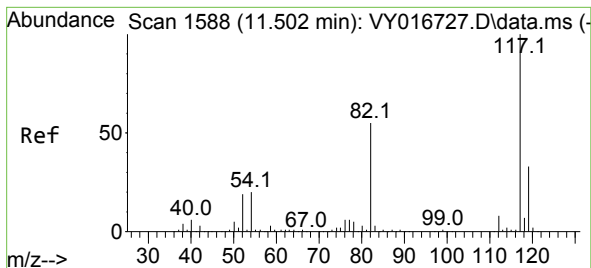
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 193.4 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 48.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

Tgt Ion: 95 Resp: 75742
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.0
176 74.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBL01

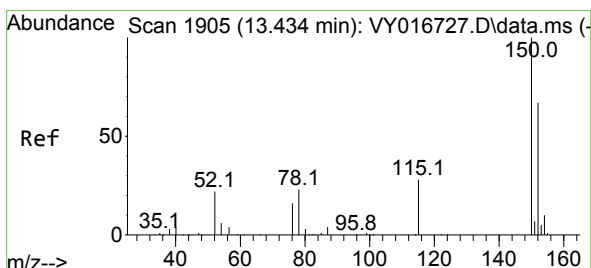
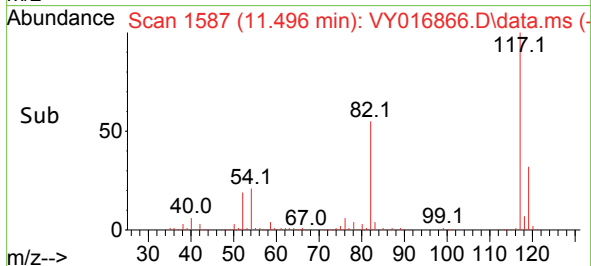
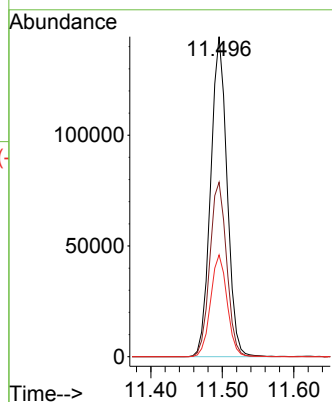
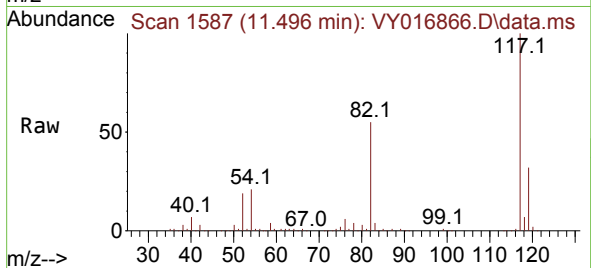
Tgt Ion:117 Resp: 230165

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

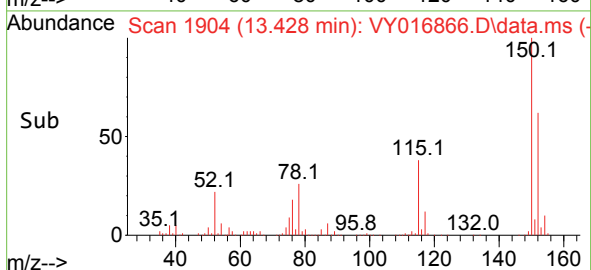
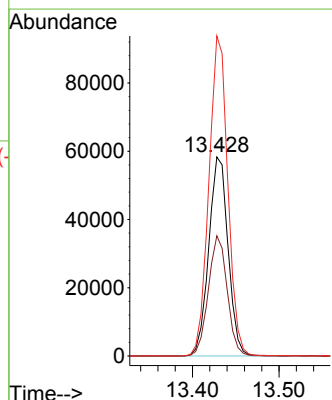
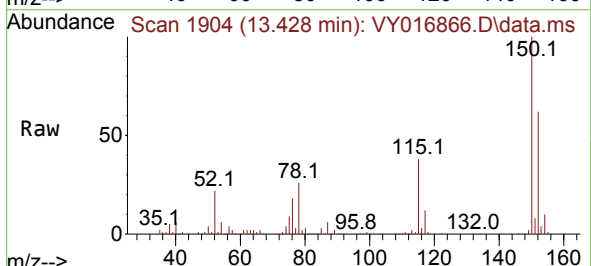
Tgt Ion:152 Resp: 90494

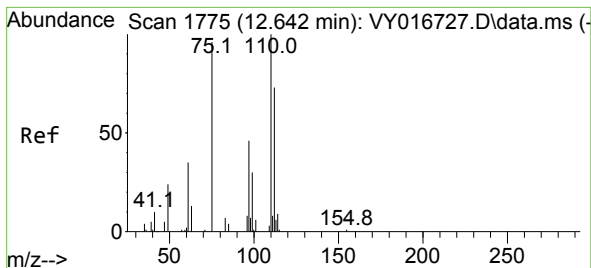
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 157.1 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 40.226 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

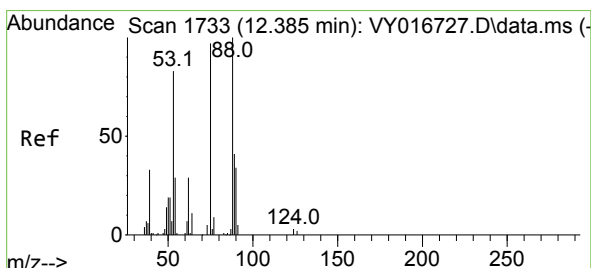
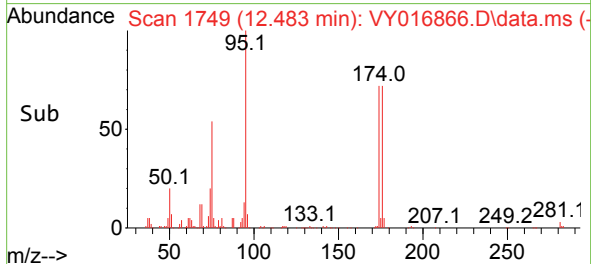
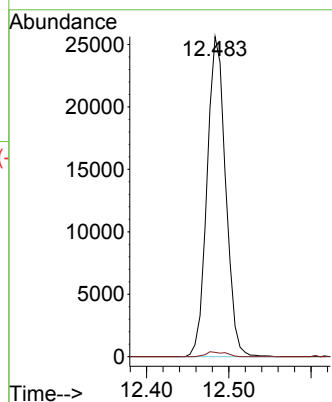
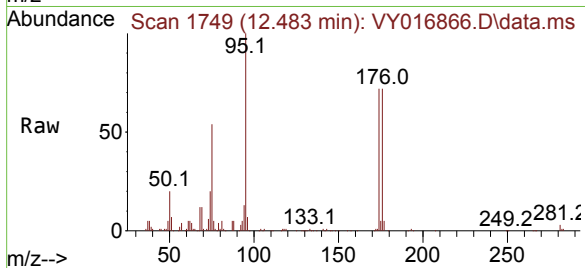
VY1227SBL01

Tgt Ion: 75 Resp: 40241

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.469 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

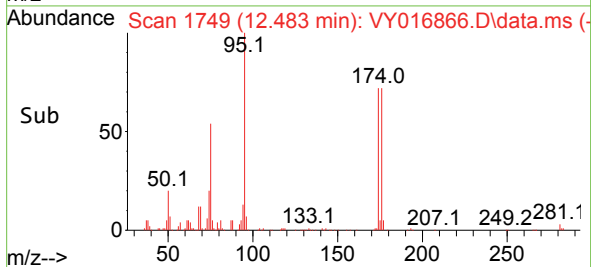
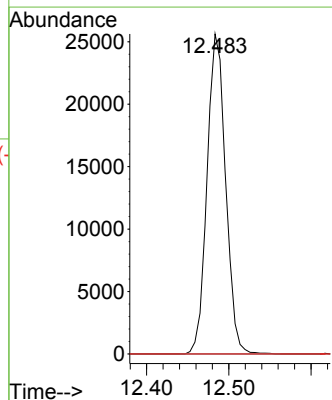
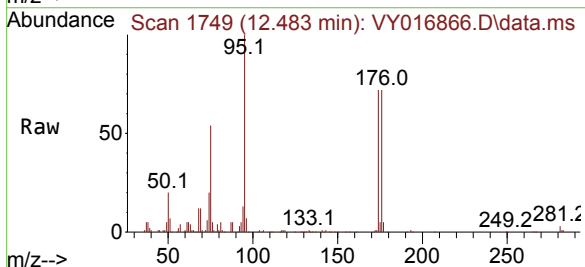
Tgt Ion: 75 Resp: 40241

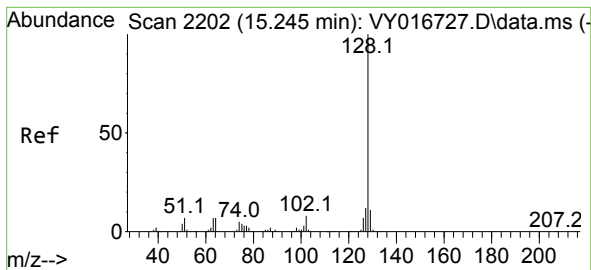
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.712 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

Tgt Ion:128 Resp: 372
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

