

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017665.D
 Acq On : 15 Mar 2024 10:51
 Operator : SY/MD
 Sample : VY0315SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBL01

Quant Time: Mar 16 00:13:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	107948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50822	49.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.360%
35) Dibromofluoromethane	7.716	113	62430	46.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.420%
50) Toluene-d8	10.185	98	222162	47.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.483	95	59132	40.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.520%

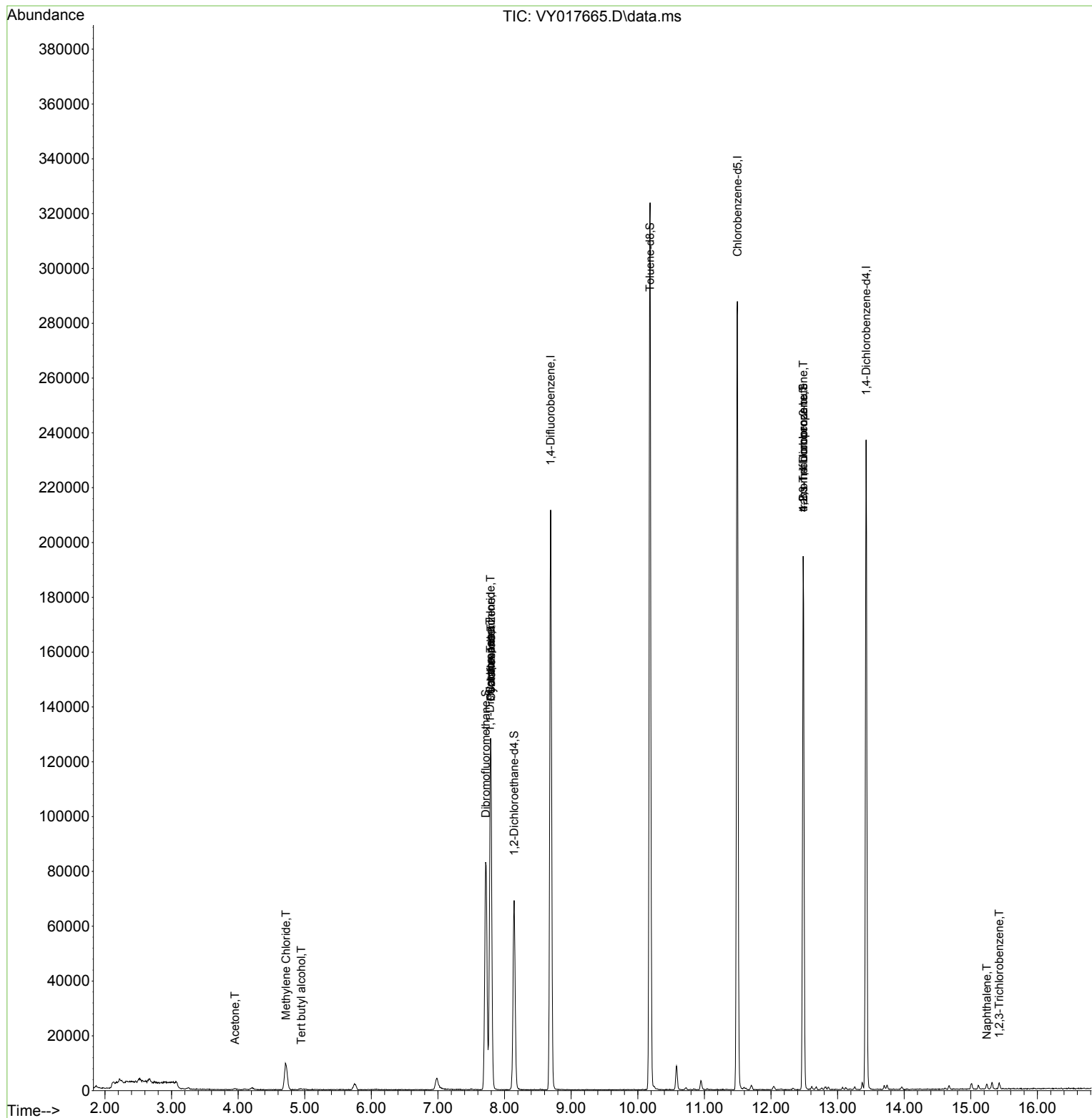
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	464	5.339	ug/l #	88
16) Acetone	3.954	43	724	3.649	ug/l #	36
20) Methylene Chloride	4.716	84	7726	1.291	ug/l	96
31) Cyclohexane	7.795	56	1957	1.175	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7622	4.227	ug/l #	48
38) Carbon Tetrachloride	7.789	117	9967	5.515	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	28963	48.162	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28963	110.665	ug/l #	16
95) Naphthalene	15.239	128	1925	4.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	990	1.130	ug/l	92

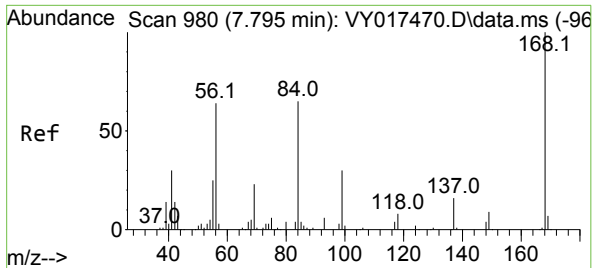
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
Data File : VY017665.D
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Operator : SY/MD
Sample : VY0315SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Time: Mar 16 00:13:29 2024
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

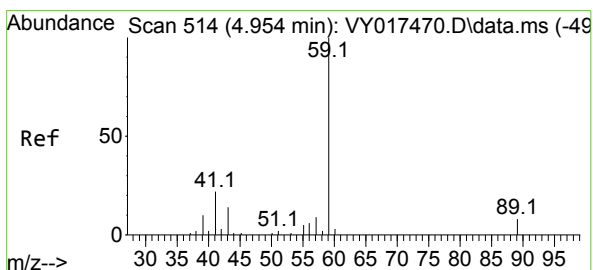
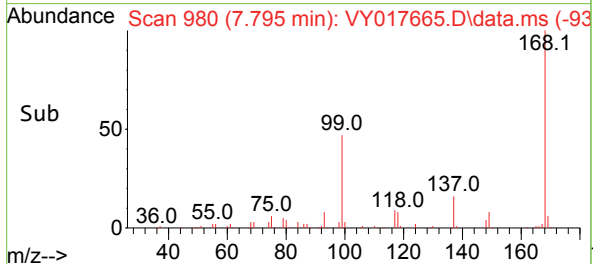
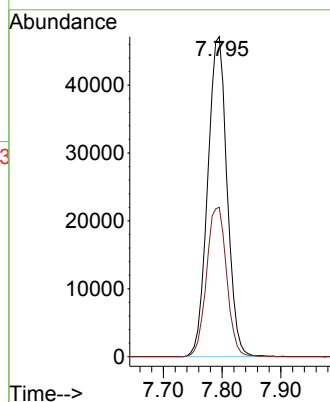
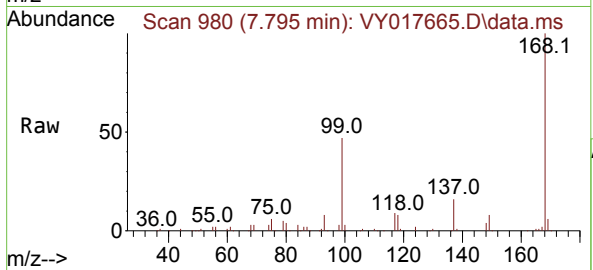




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

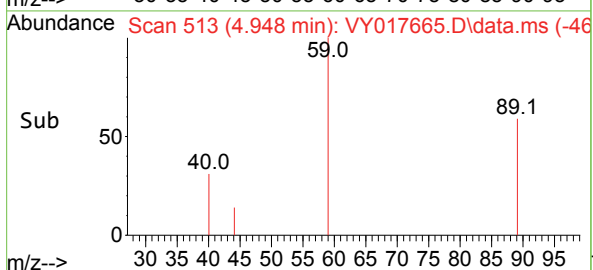
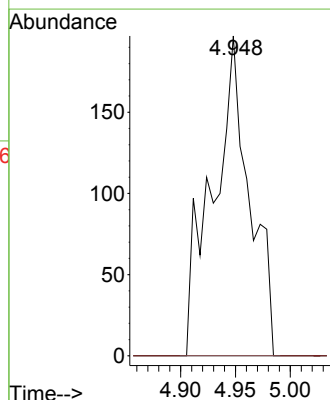
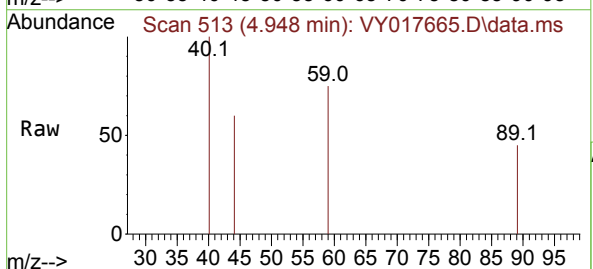
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

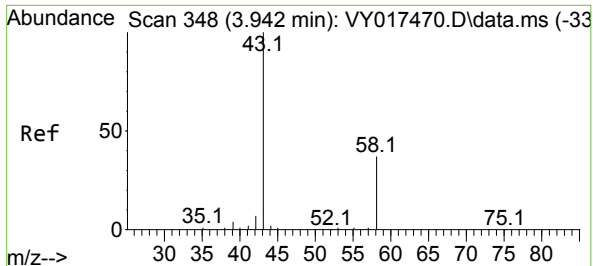
Tgt Ion:168 Resp: 107948
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.339 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

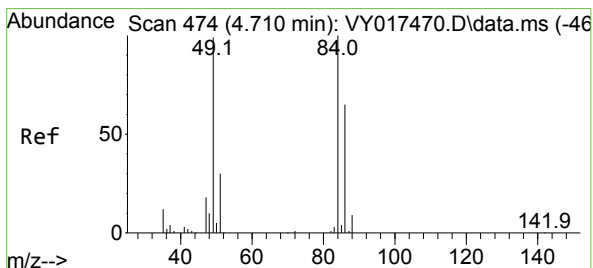
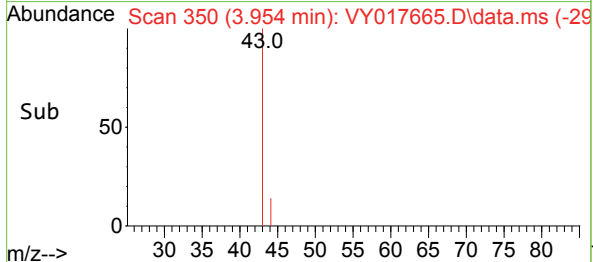
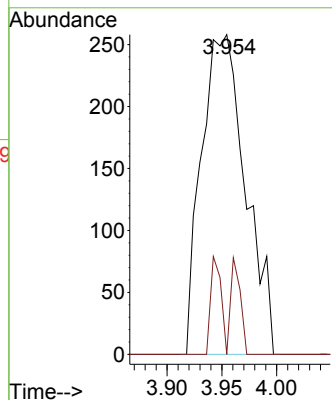
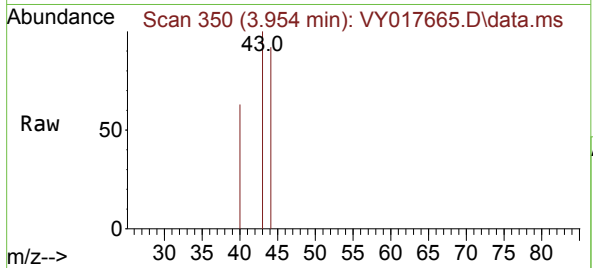




#16
Acetone
Concen: 3.649 ug/l
RT: 3.954 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

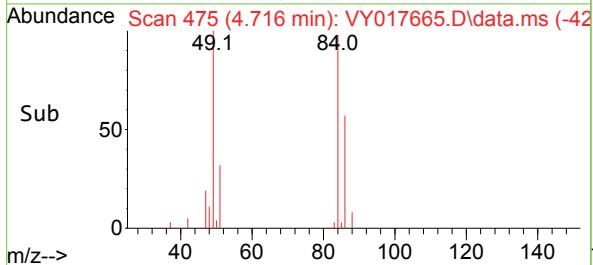
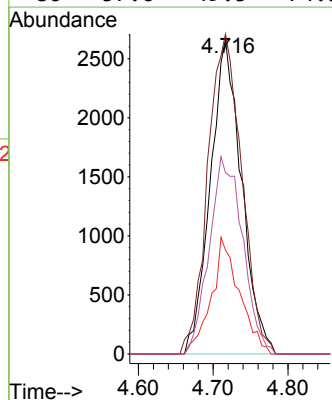
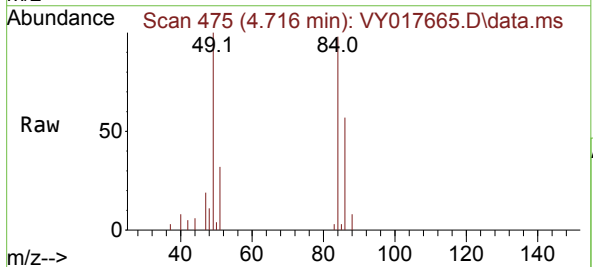
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

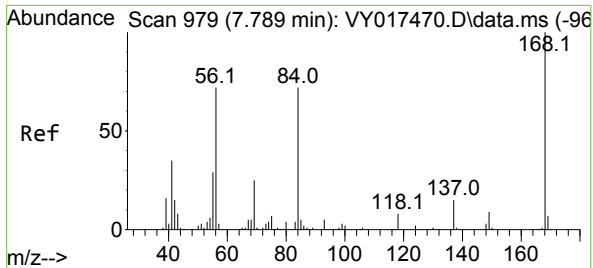
Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.291 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion: 84 Resp: 7726
Ion Ratio Lower Upper
84 100
49 101.6 84.4 126.6
51 33.0 26.0 39.0
86 57.6 49.5 74.3

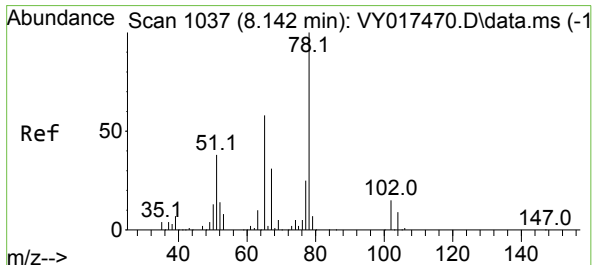
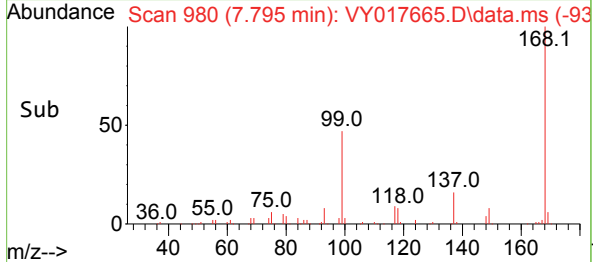
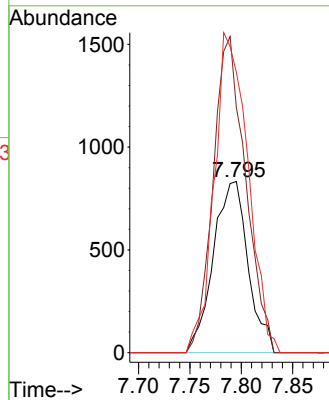
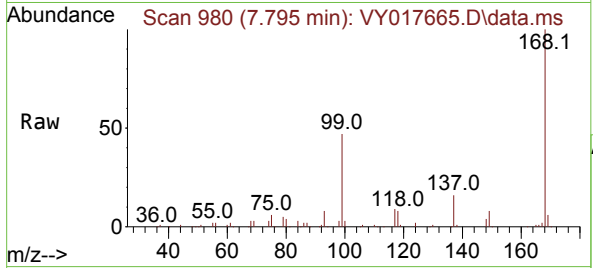




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

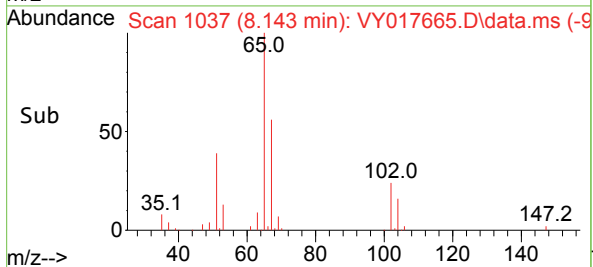
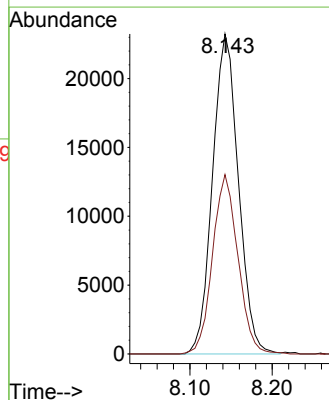
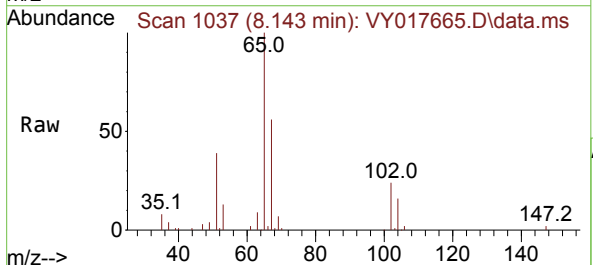
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

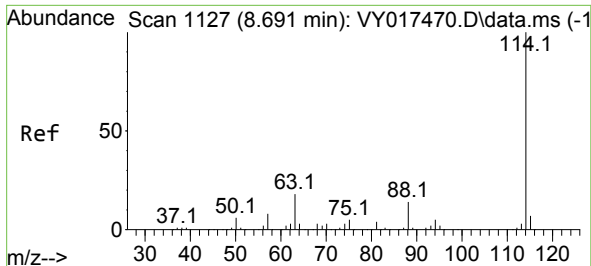
Tgt Ion: 56 Resp: 1957
Ion Ratio Lower Upper
56 100
69 143.2 28.7 43.1#
84 163.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.677 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion: 65 Resp: 50822
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017665.D

Acq: 15 Mar 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBL01

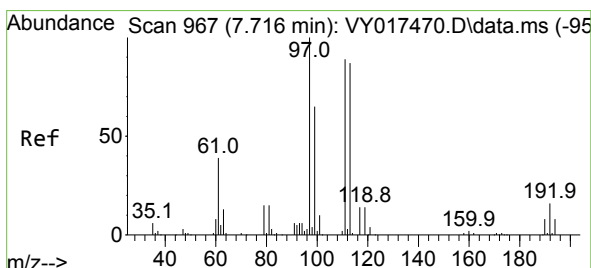
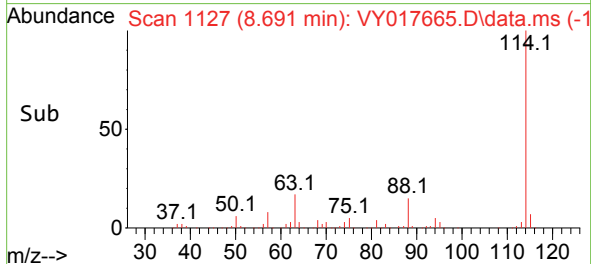
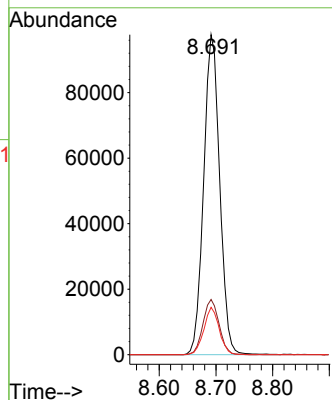
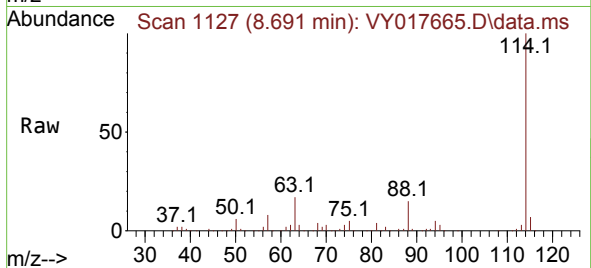
Tgt Ion:114 Resp: 191805

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.710 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017665.D

Acq: 15 Mar 2024 10:51

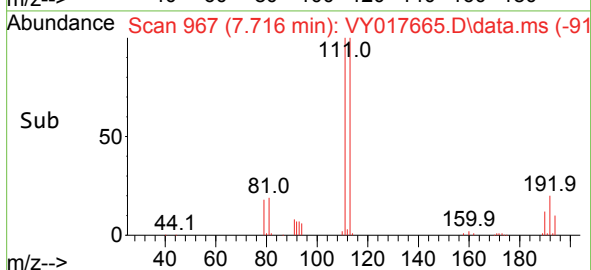
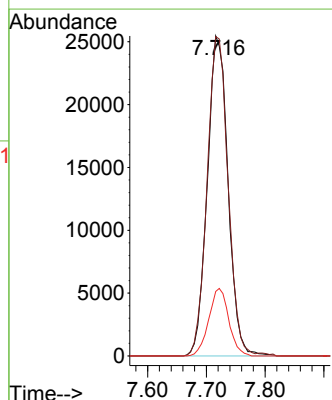
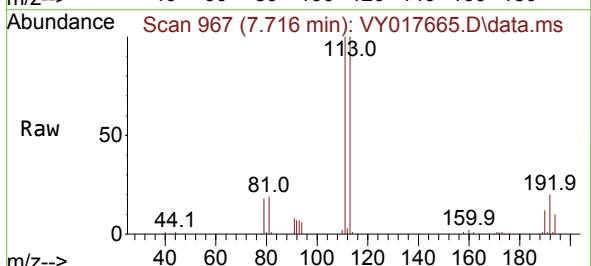
Tgt Ion:113 Resp: 62430

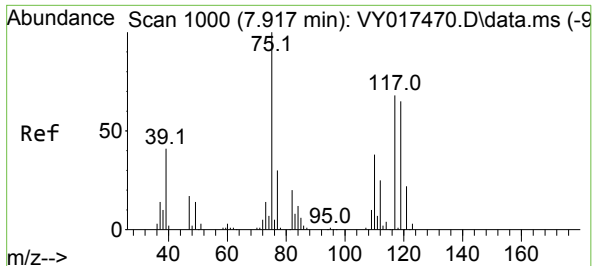
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 20.4 15.9 23.9

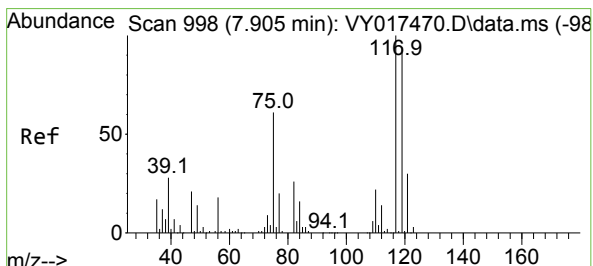
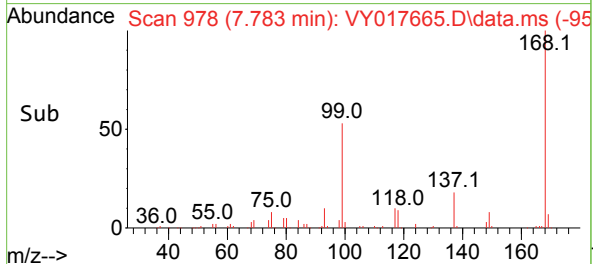
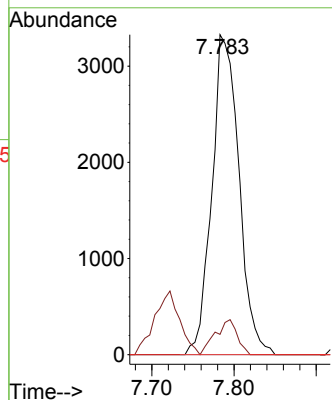
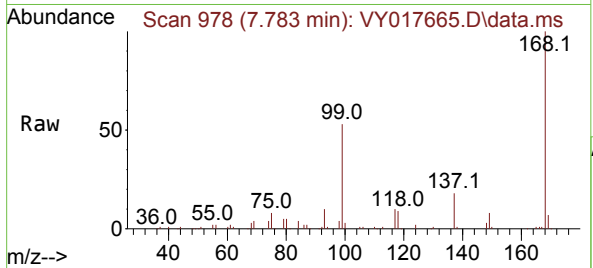




#36
1,1-Dichloropropene
Concen: 4.227 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

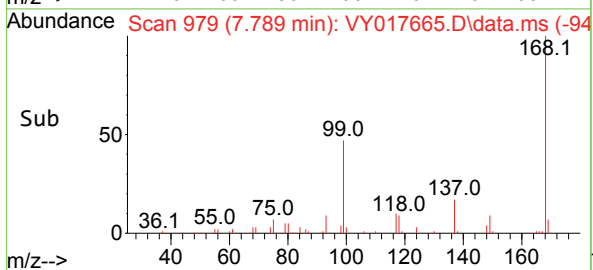
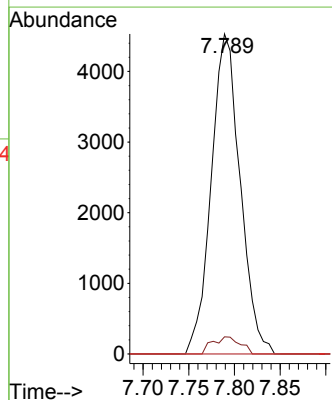
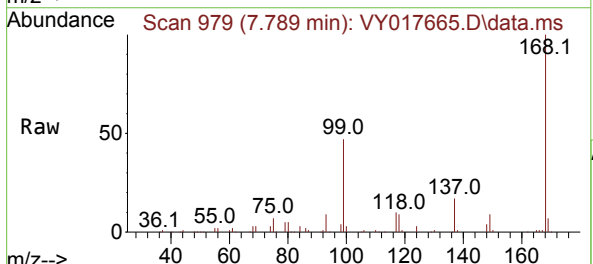
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

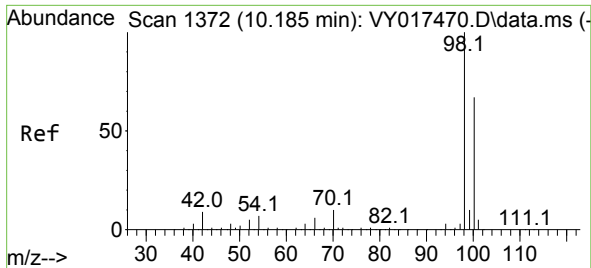
Tgt Ion: 75 Resp: 7622
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.515 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion: 117 Resp: 9967
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#

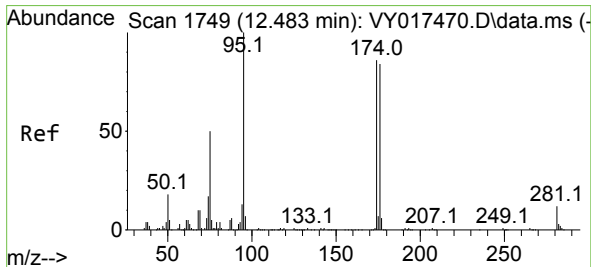
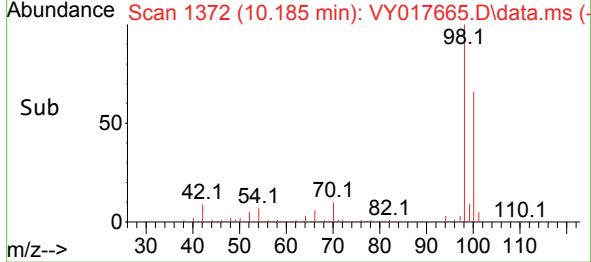
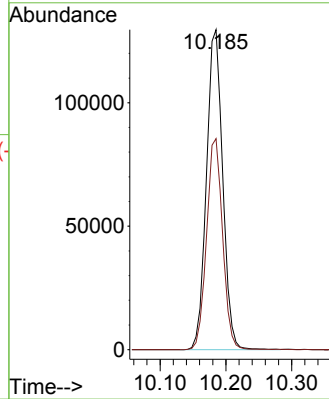
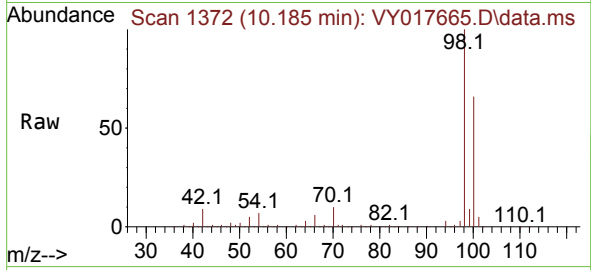




#50
Toluene-d8
Concen: 47.541 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

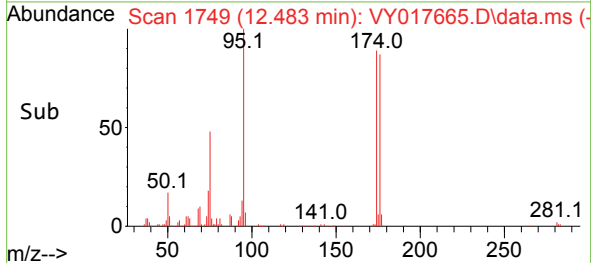
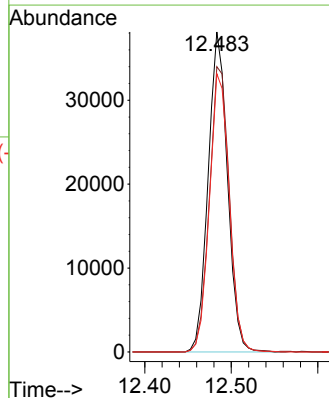
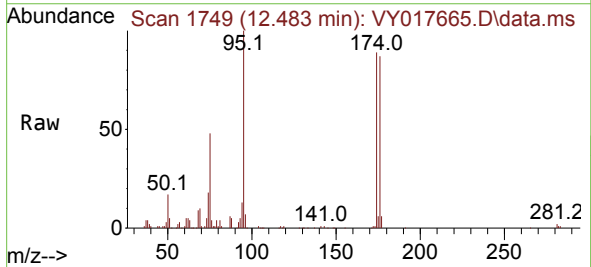
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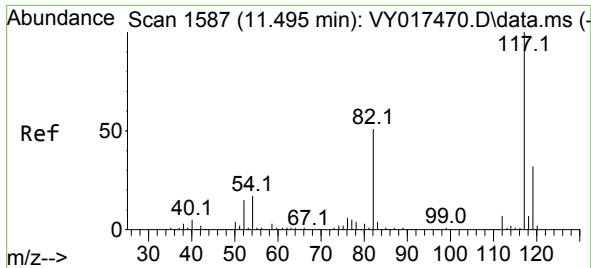
Tgt Ion: 98 Resp: 222162
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.263 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion: 95 Resp: 59132
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 89.2 0.0 171.4

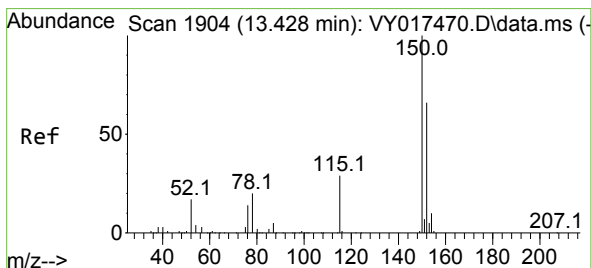
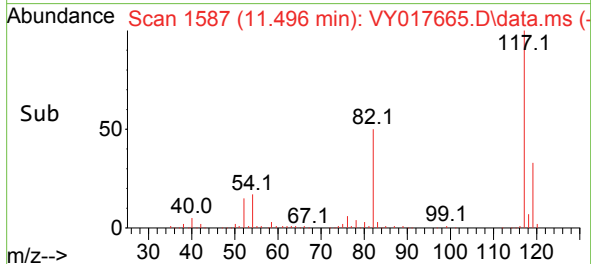
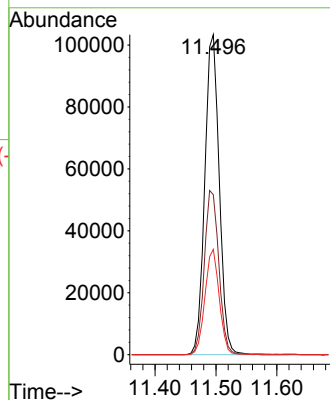
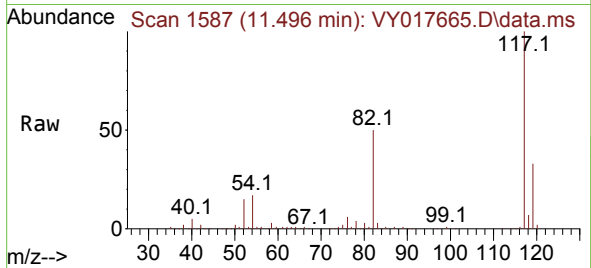




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

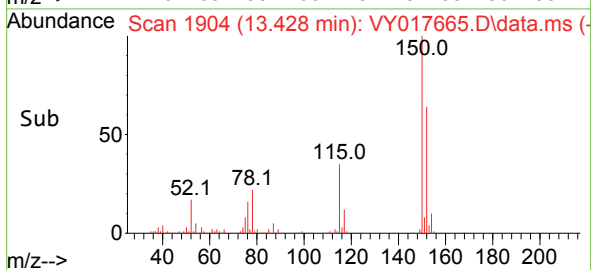
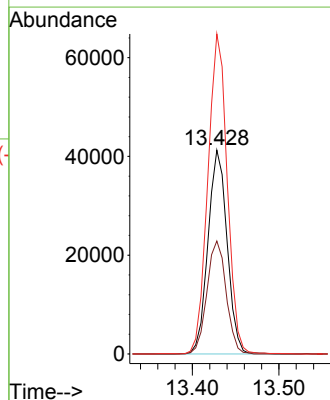
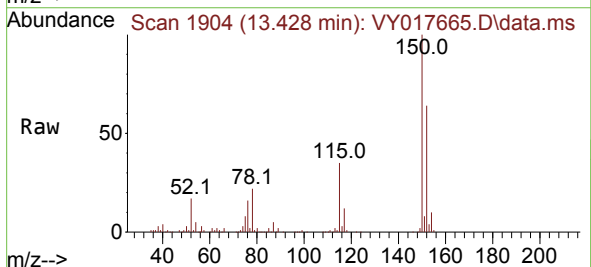
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

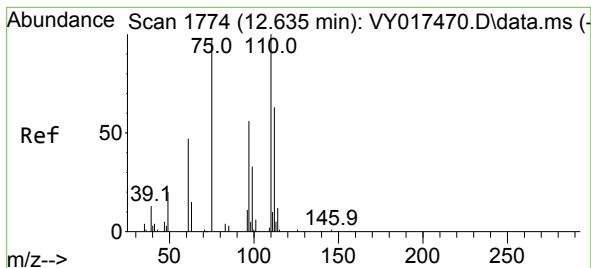
Tgt Ion:117 Resp: 170796
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion:152 Resp: 63292
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 159.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 48.162 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017665.D

Acq: 15 Mar 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

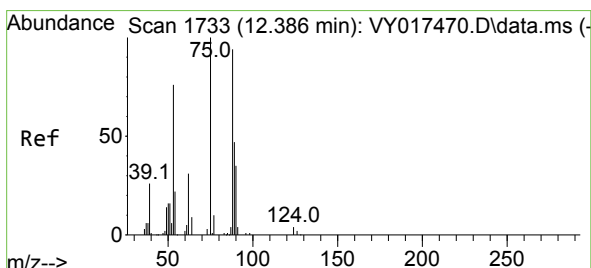
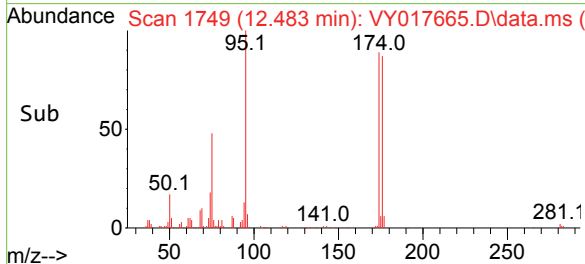
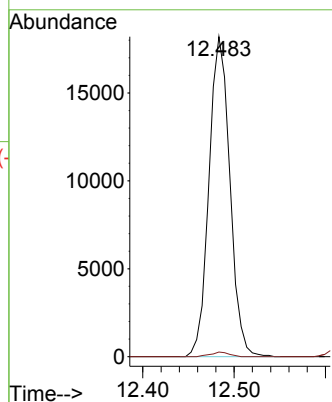
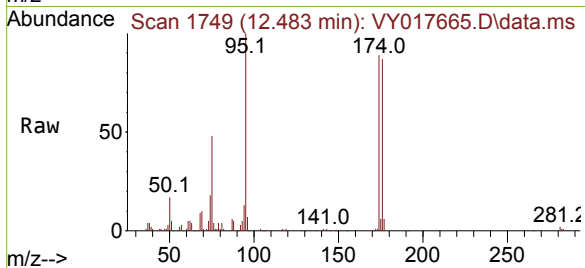
VY0315SBL01

Tgt Ion: 75 Resp: 28963

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.665 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017665.D

Acq: 15 Mar 2024 10:51

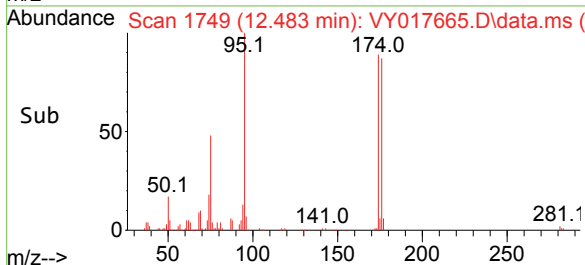
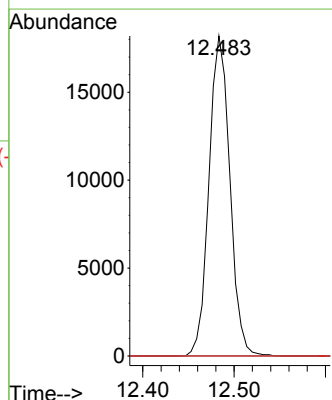
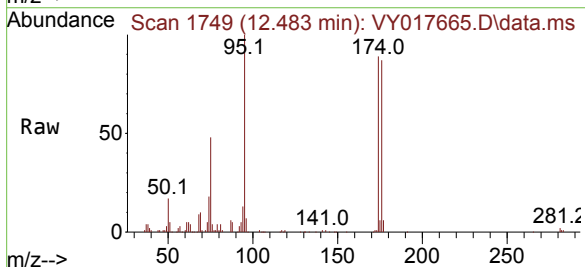
Tgt Ion: 75 Resp: 28963

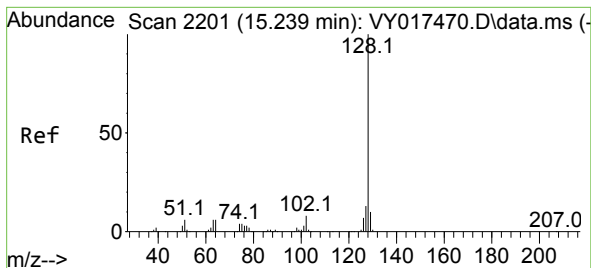
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 4.811 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017665.D

Acq: 15 Mar 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBL01

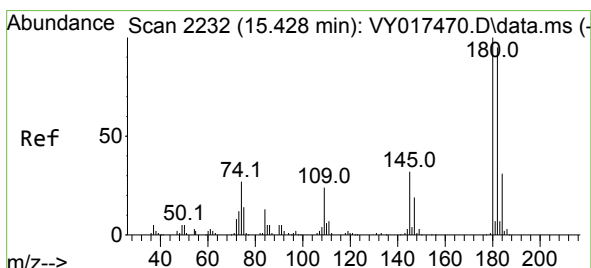
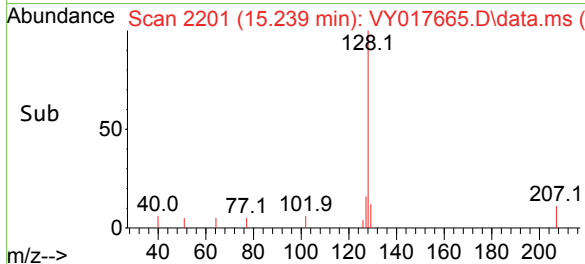
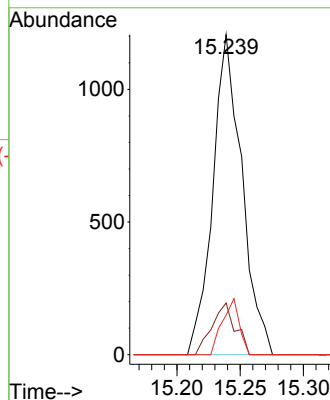
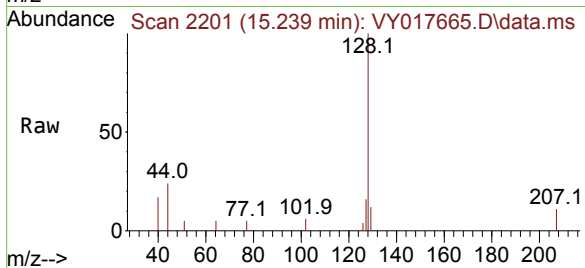
Tgt Ion:128 Resp: 1925

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.130 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017665.D

Acq: 15 Mar 2024 10:51

Tgt Ion:180 Resp: 990

Ion Ratio Lower Upper

180 100

182 85.6 47.6 142.9

145 30.1 15.4 46.1

