

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007316.D
 Acq On : 28 Jan 2022 13:05
 Operator : SY/MD
 Sample : VY0128SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0128SBL01

Quant Time: Jan 31 00:29:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	105628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	186210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65132	50.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.500%
35) Dibromofluoromethane	7.715	113	65063	49.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.178	98	241129	50.050	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.483	95	84083	49.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.120%

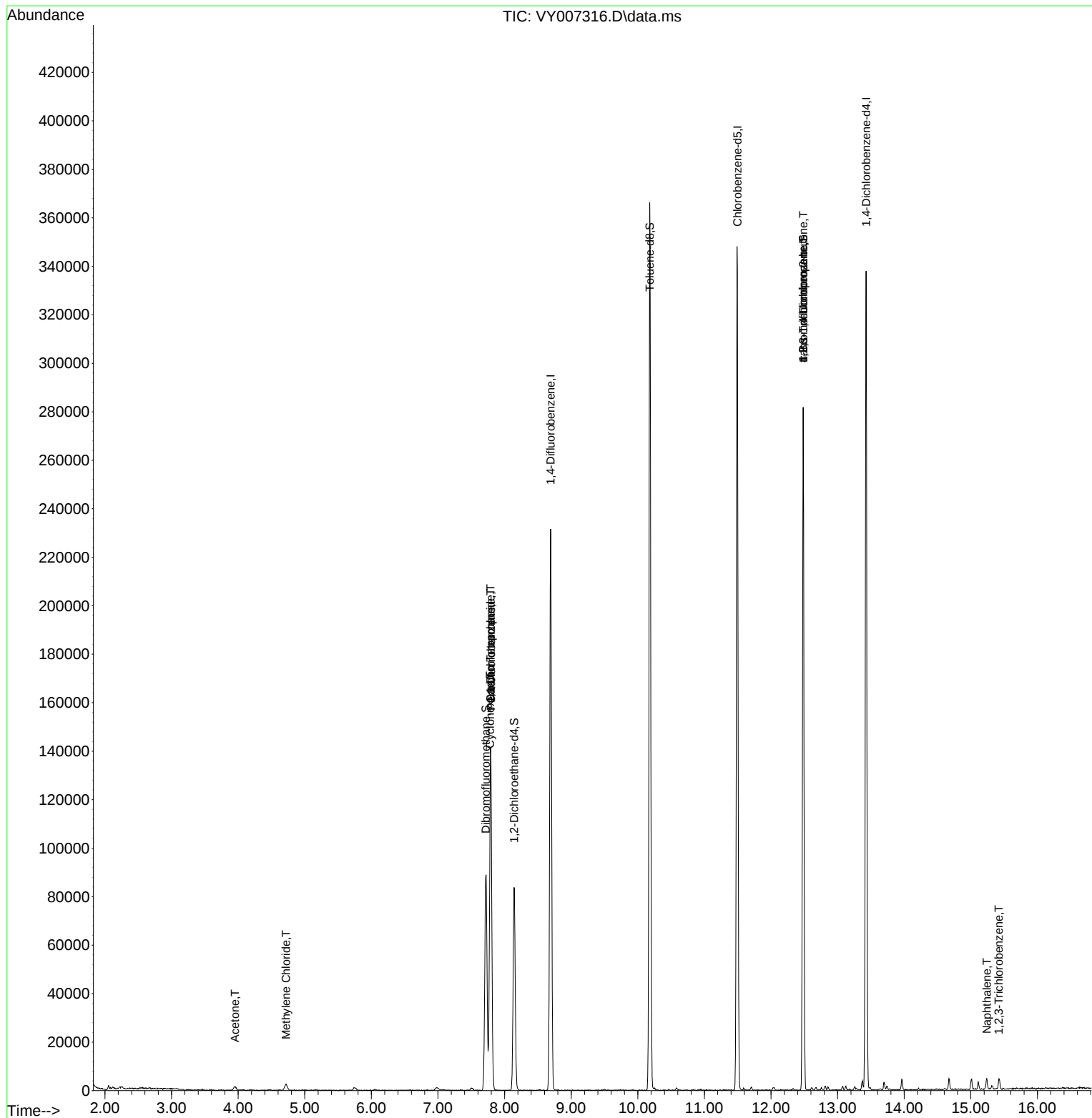
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	20	Below Cal	#	73
16) Acetone	3.954	43	3075	9.142	ug/l #	80
20) Methylene Chloride	4.716	84	2005	1.442	ug/l	87
31) Cyclohexane	7.783	56	2508	1.145	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	8955	4.252	ug/l #	52
38) Carbon Tetrachloride	7.789	117	11701	5.283	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46365	50.024	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46365	91.580	ug/l #	3
95) Naphthalene	15.239	128	3805	1.107	ug/l	97
96) 1,2,3-Trichlorobenzene	15.421	180	1549	1.122	ug/l	93

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

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0128SBL01

Quant Time: Jan 31 00:29:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

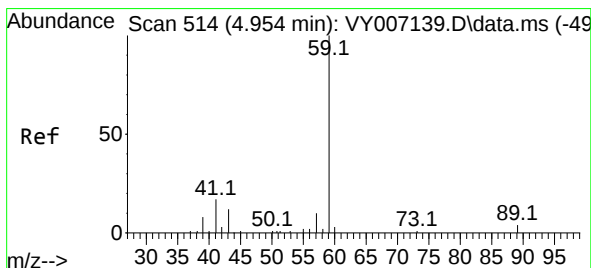
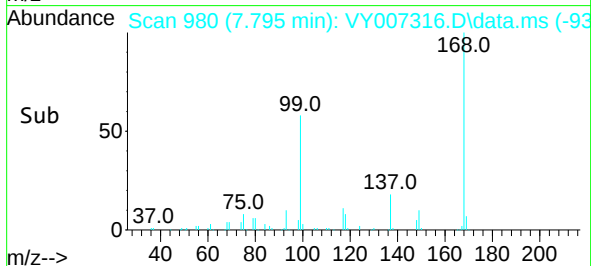
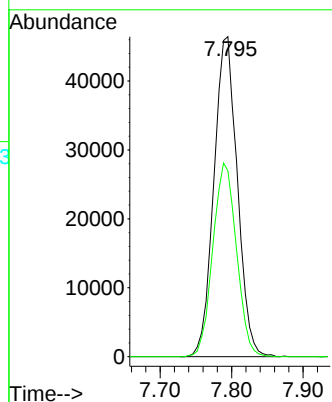
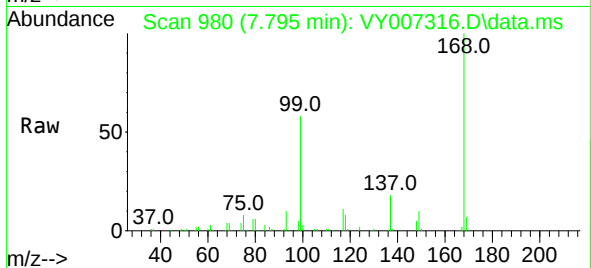




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

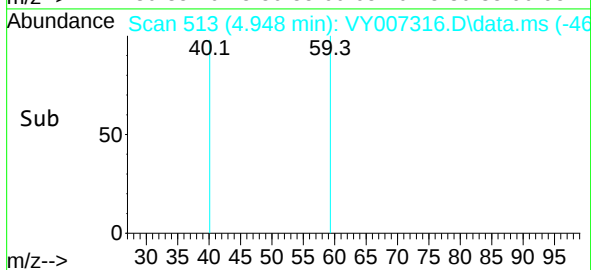
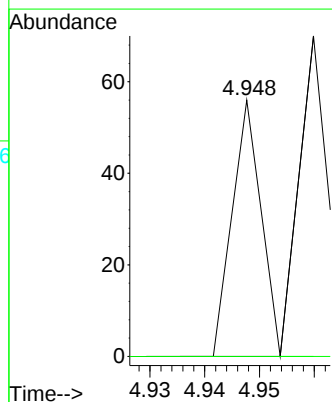
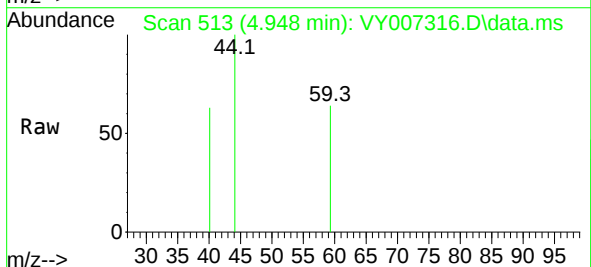
Instrument :
MSVOA_Y
ClientSampleId :
VY0128SBL01

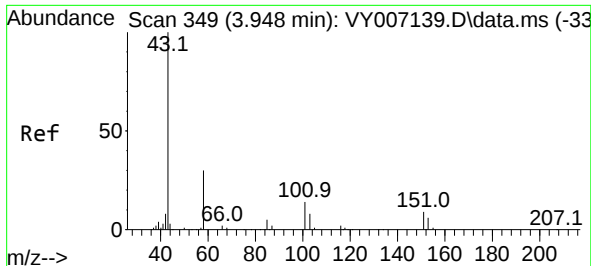
Tgt Ion:168 Resp: 105628
Ion Ratio Lower Upper
168 100
99 58.1 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

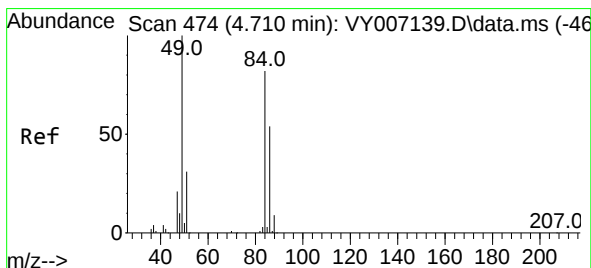
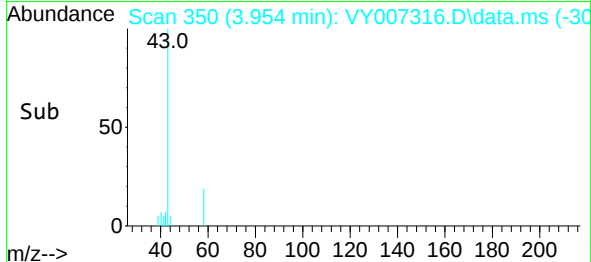
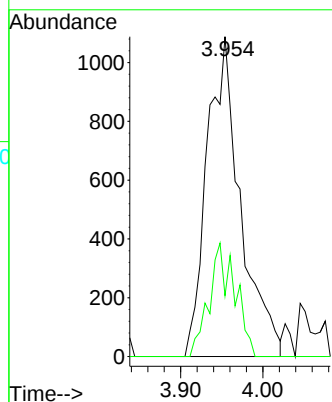
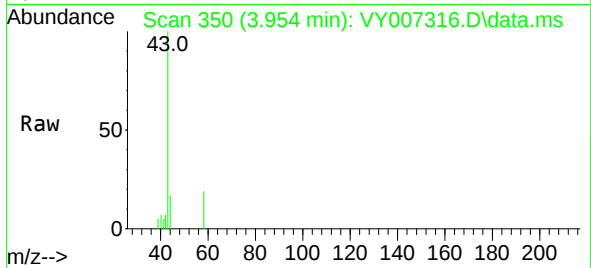




#16
Acetone
Concen: 9.142 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

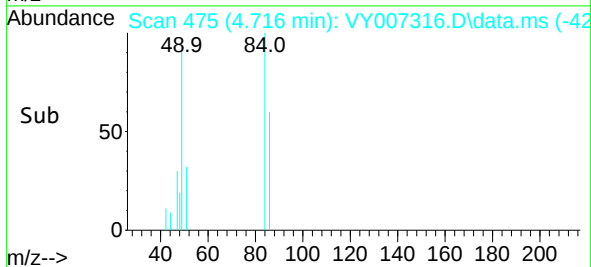
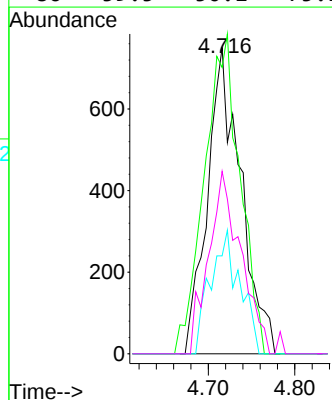
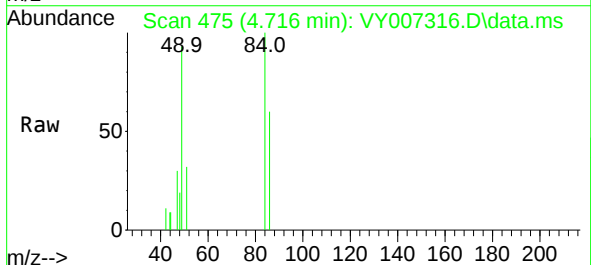
Instrument :
MSVOA_Y
ClientSampleId :
VY0128SBL01

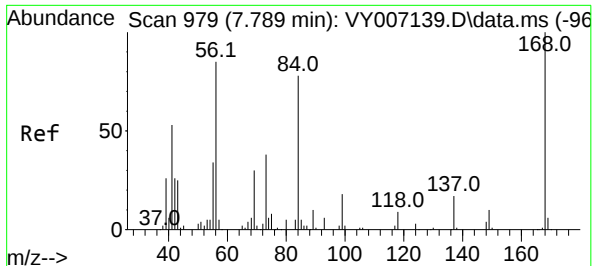
Tgt Ion: 43 Resp: 3075
Ion Ratio Lower Upper
43 100
58 19.0 23.8 35.6#



#20
Methylene Chloride
Concen: 1.442 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

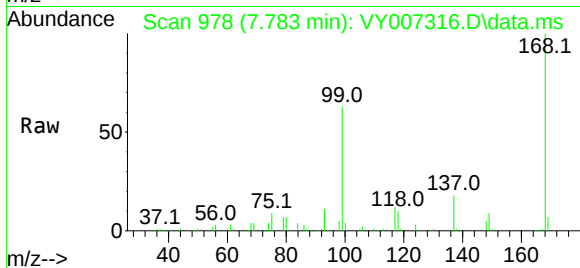
Tgt Ion: 84 Resp: 2005
Ion Ratio Lower Upper
84 100
49 93.5 92.6 139.0
51 32.0 28.6 42.8
86 59.5 50.1 75.1



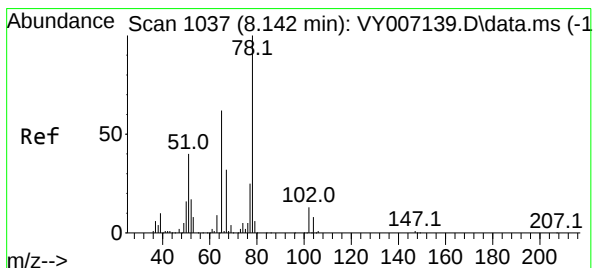
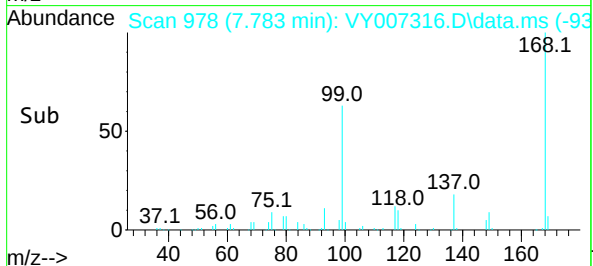
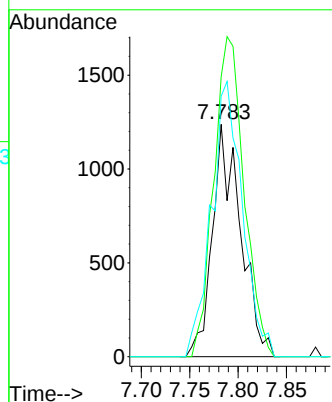


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0128SBL01

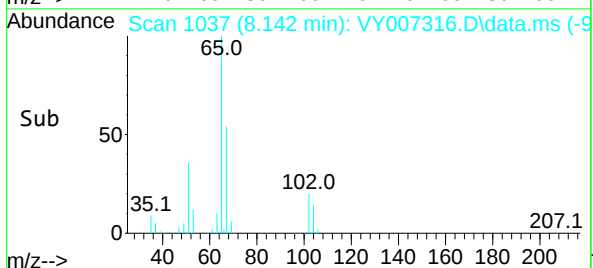
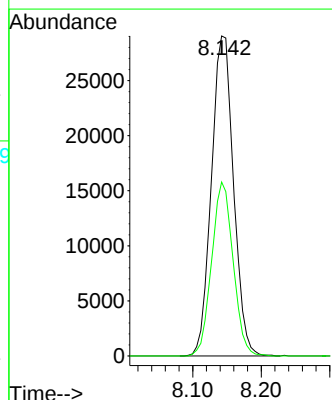
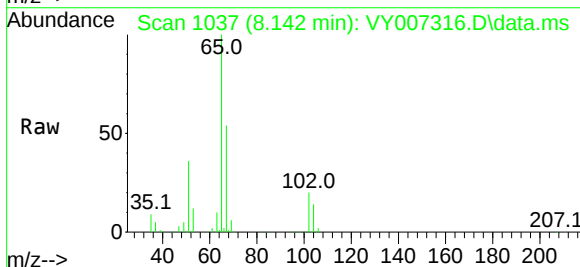


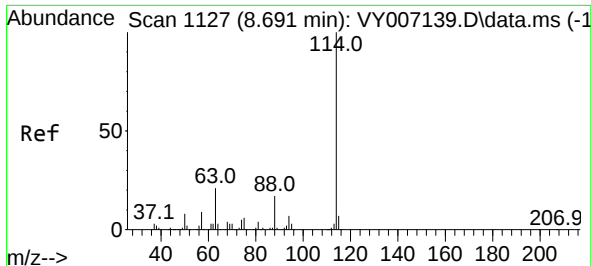
Tgt Ion: 56 Resp: 2508
Ion Ratio Lower Upper
56 100
69 120.4 27.2 40.8#
84 112.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 50.254 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

Tgt Ion: 65 Resp: 65132
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6

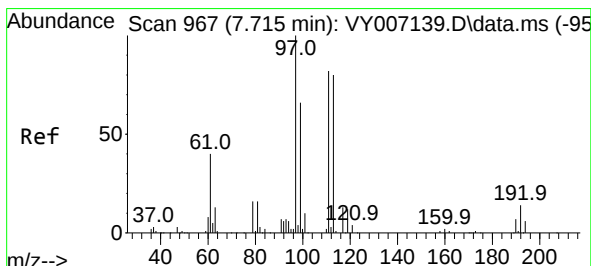
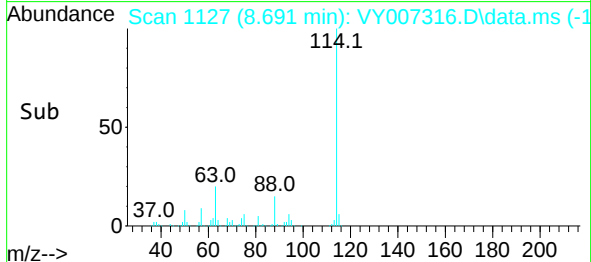
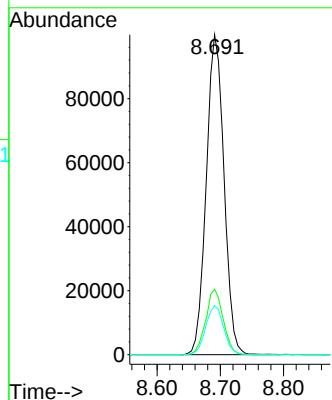
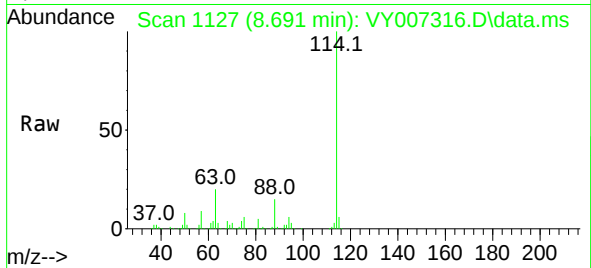




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

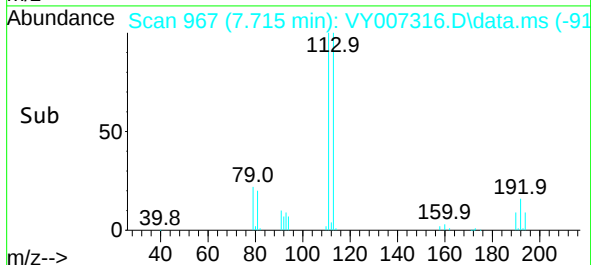
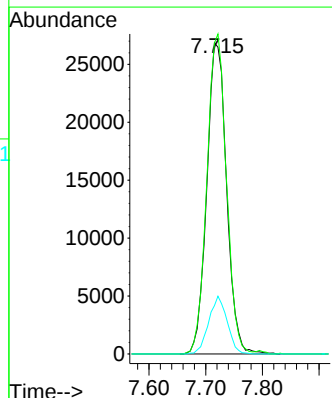
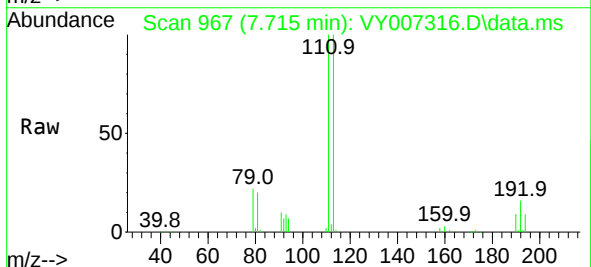
Instrument :
MSVOA_Y
ClientSampleId :
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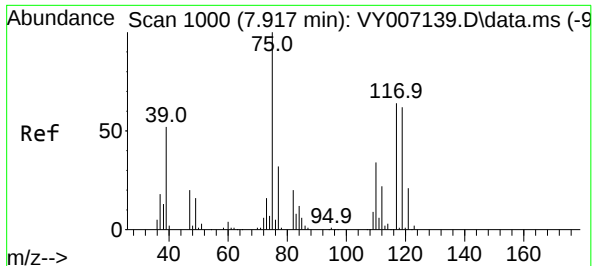
Tgt Ion:114 Resp: 194993
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 15.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

Tgt Ion:113 Resp: 65063
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.3 14.2 21.4

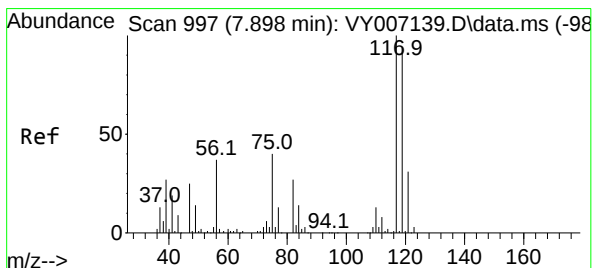
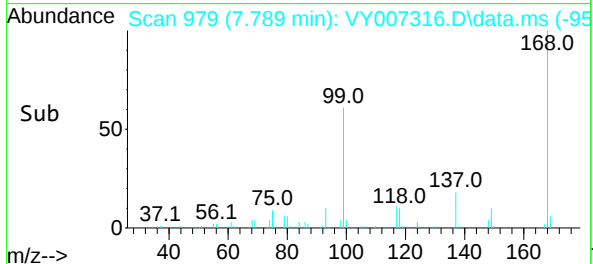
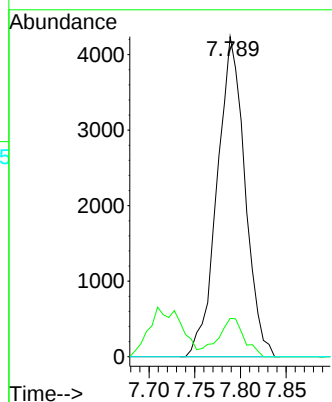
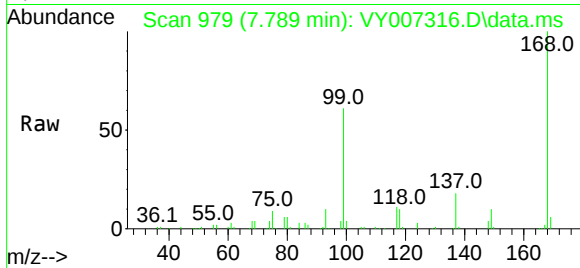




#36
1,1-Dichloropropene
Concen: 4.252 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

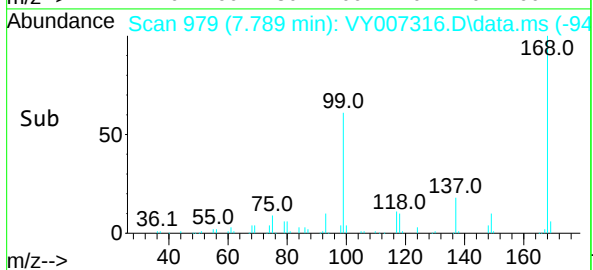
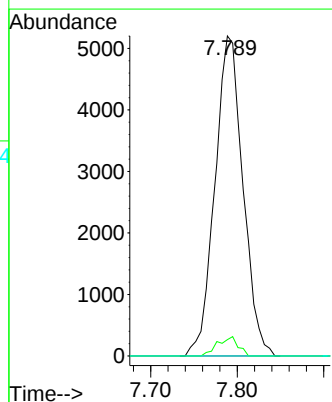
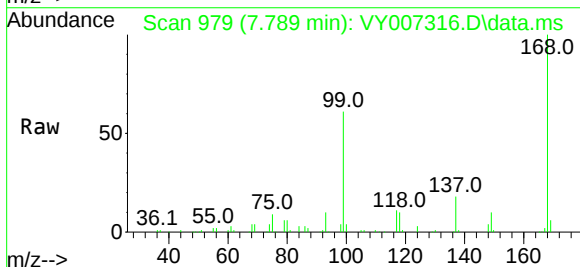
Instrument :
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ClientSampleId :
VY0128SBL01

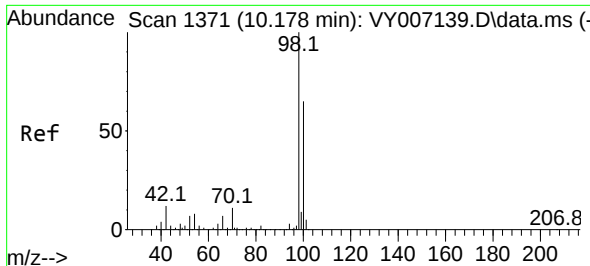
Tgt Ion: 75 Resp: 8955
Ion Ratio Lower Upper
75 100
110 11.0 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

Tgt Ion: 117 Resp: 11701
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.2 36.2#

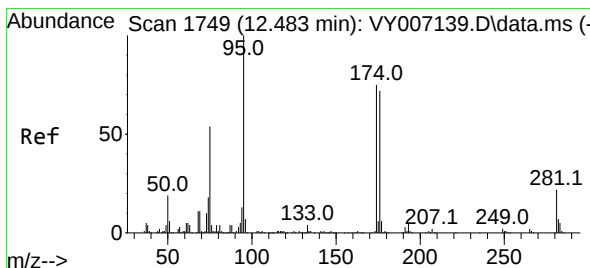
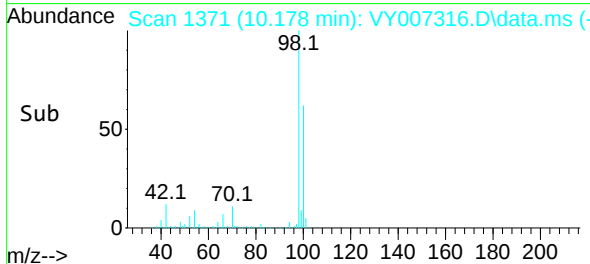
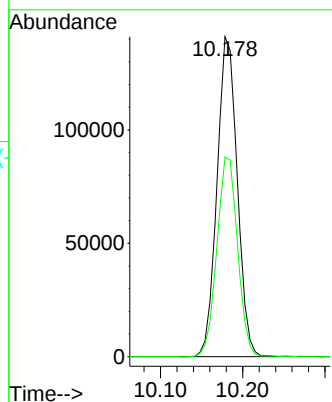
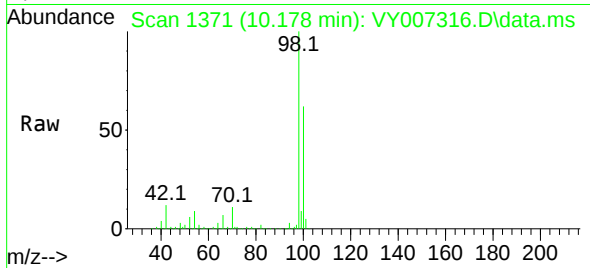




#50
Toluene-d8
Concen: 50.050 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

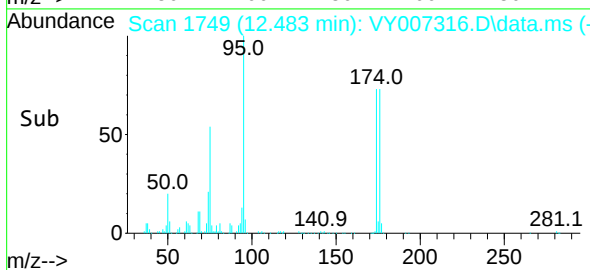
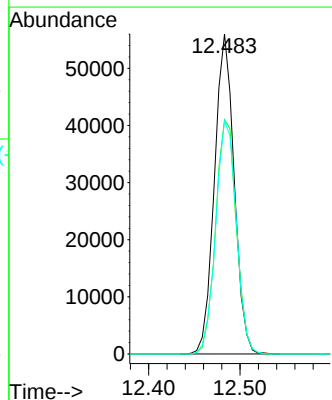
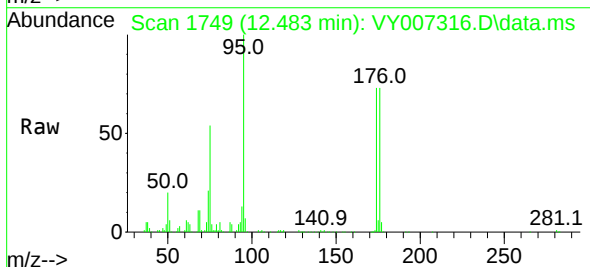
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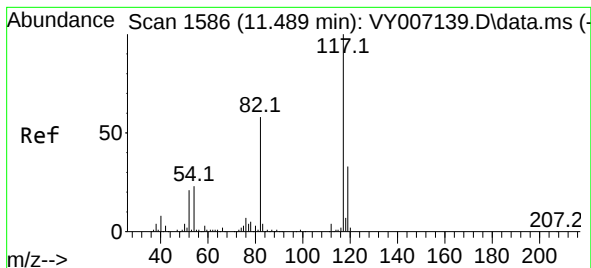
Tgt Ion: 98 Resp: 241129
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.064 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

Tgt Ion: 95 Resp: 84083
Ion Ratio Lower Upper
95 100
174 76.7 0.0 148.4
176 76.2 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007316.D

Acq: 28 Jan 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0128SBL01

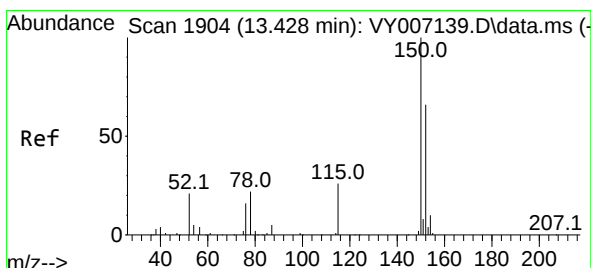
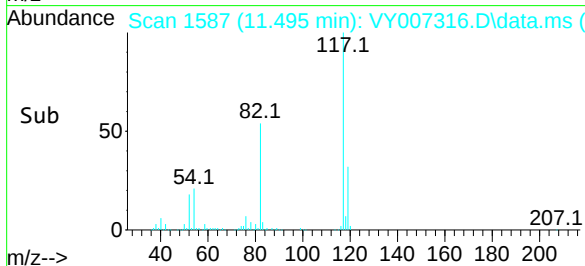
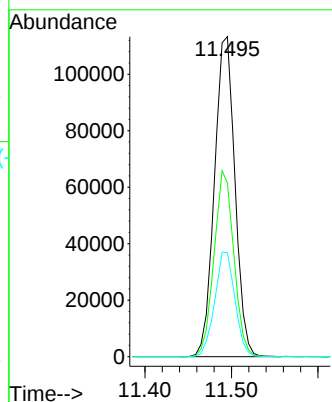
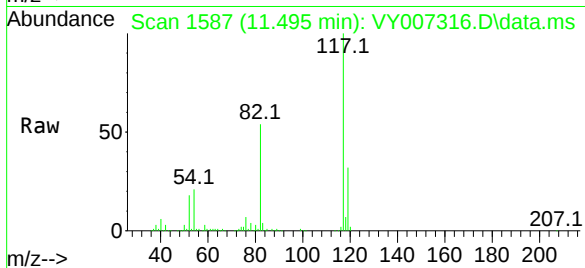
Tgt Ion:117 Resp: 186210

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.0

119 32.5 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007316.D

Acq: 28 Jan 2022 13:05

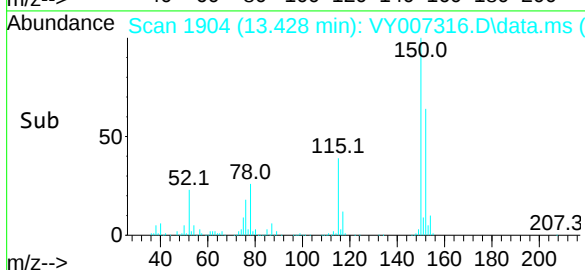
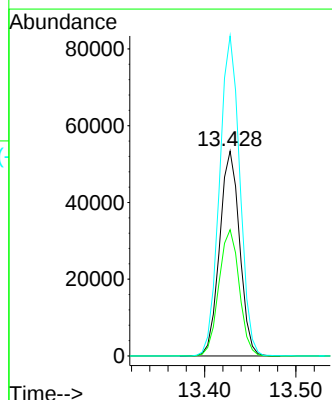
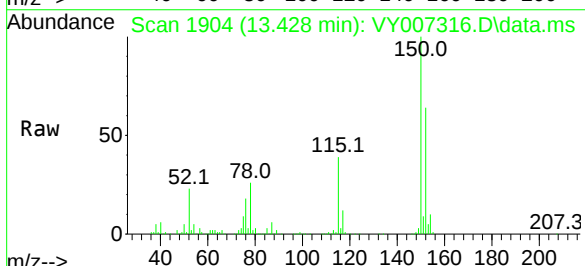
Tgt Ion:152 Resp: 81284

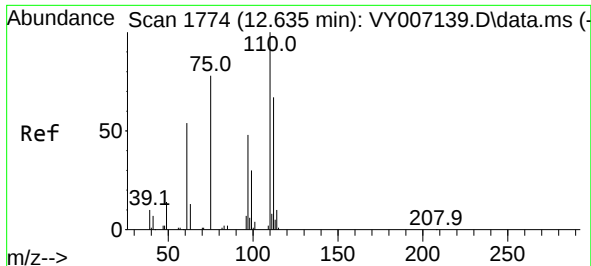
Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.0

150 158.6 0.0 348.4

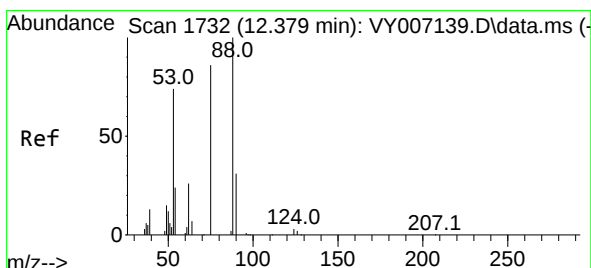
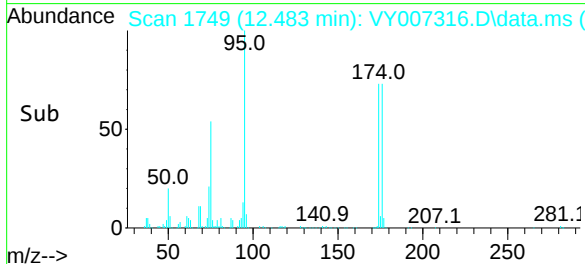
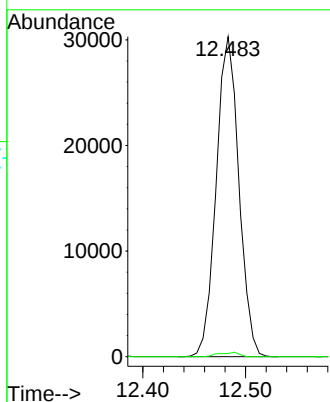
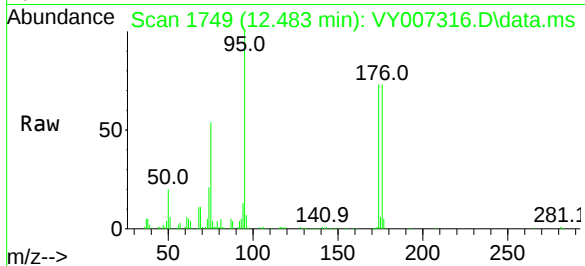




#76
1,2,3-Trichloropropane
Concen: 50.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

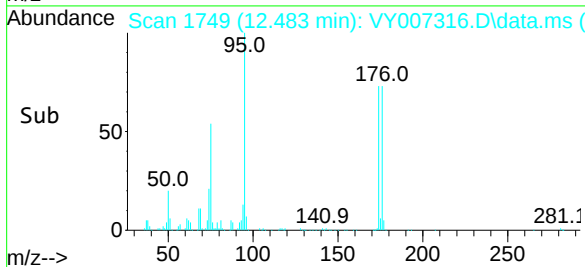
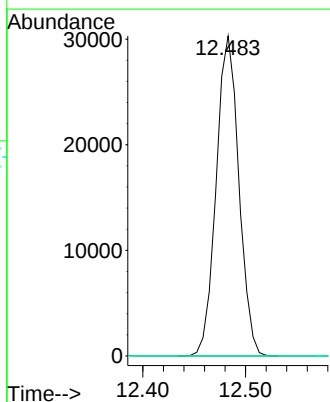
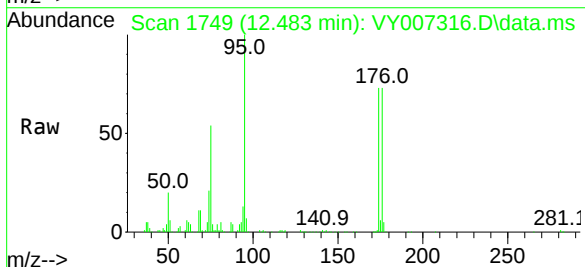
Instrument :
MSVOA_Y
ClientSampleId :
VY0128SBL01

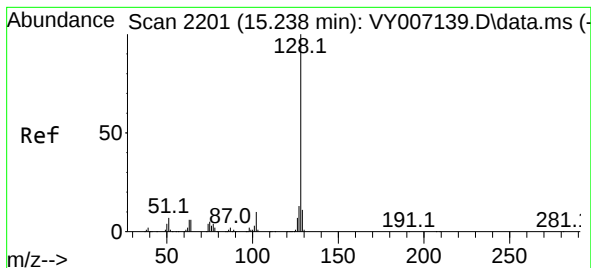
Tgt Ion: 75 Resp: 46365
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007316.D
Acq: 28 Jan 2022 13:05

Tgt Ion: 75 Resp: 46365
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0





#95

Naphthalene

Concen: 1.107 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY007316.D

Acq: 28 Jan 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0128SBL01

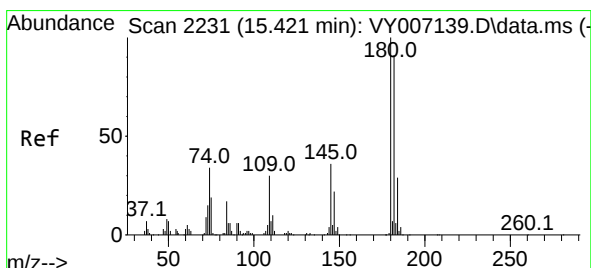
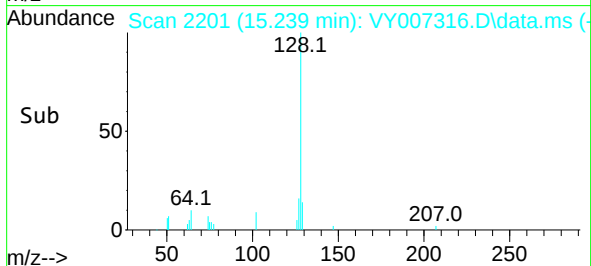
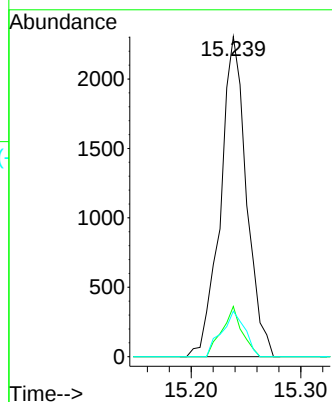
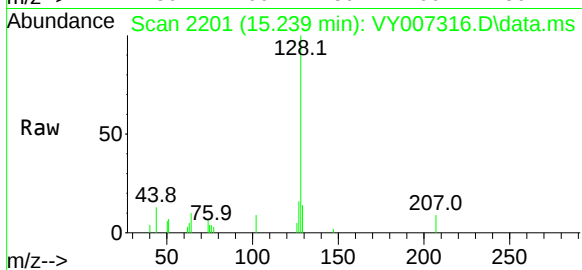
Tgt Ion:128 Resp: 3805

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 12.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 1.122 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007316.D

Acq: 28 Jan 2022 13:05

Tgt Ion:180 Resp: 1549

Ion Ratio Lower Upper

180 100

182 86.5 47.3 141.8

145 35.9 17.2 51.5

