

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011956.D
 Acq On : 21 Dec 2022 18:54
 Operator : KP/MD
 Sample : N6129-01
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C3

Quant Time: Dec 22 00:15:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

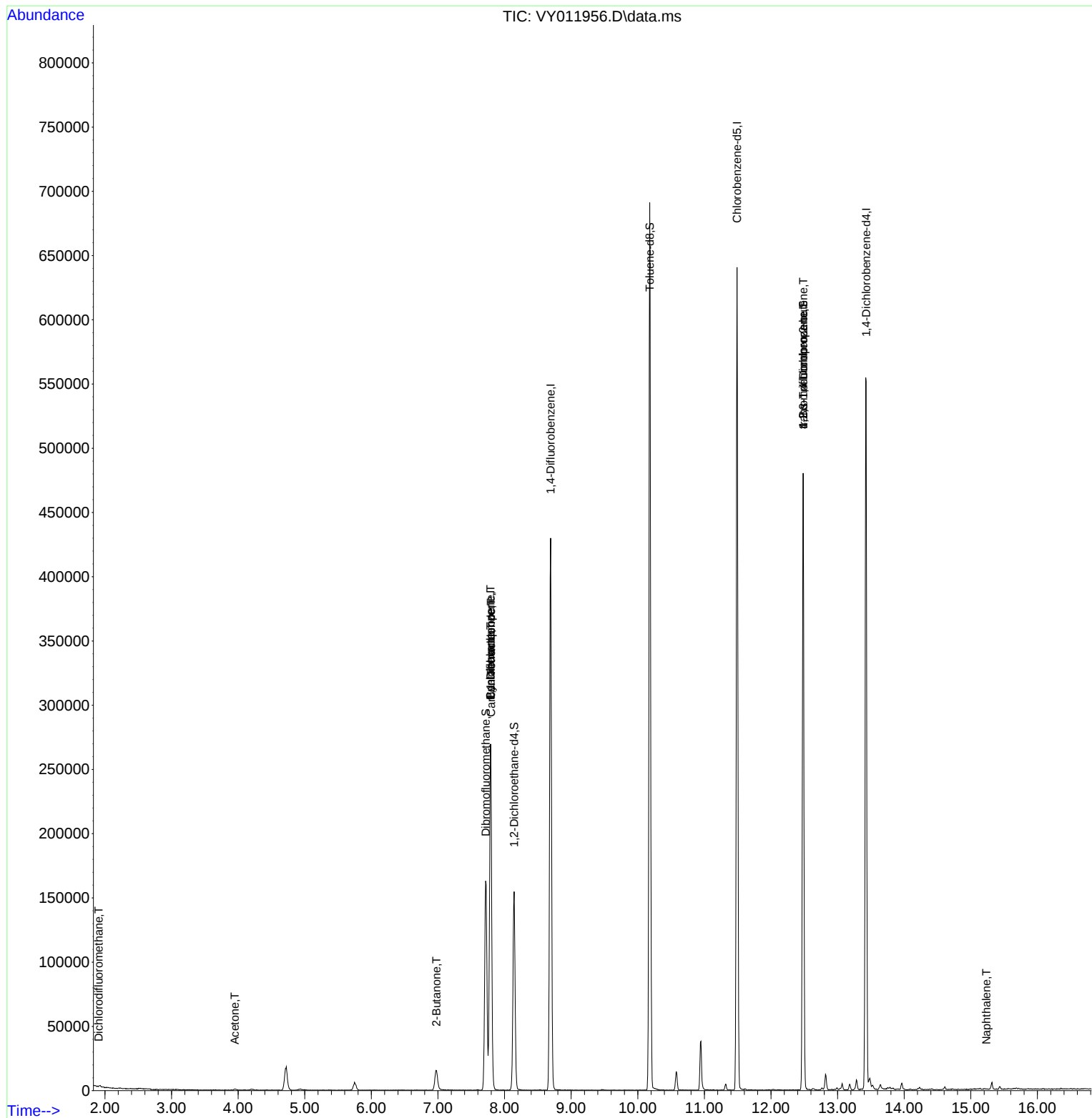
Internal Standards						
1) Pentafluorobenzene	7.789	168	210614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	373283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121813	57.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.820%	
35) Dibromofluoromethane	7.716	113	116514	51.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.700%	
50) Toluene-d8	10.179	98	453127	49.698	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.483	95	139746	45.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61	2.502	ug/l #	41
11) Tert butyl alcohol	4.936	59	1439	Below Cal	#	74
16) Acetone	3.948	43	1443	7.108	ug/l #	85
20) Methylene Chloride	4.723	84	13627	Below Cal		94
25) 2-Butanone	6.978	43	1032	1.460	ug/l #	46
31) Cyclohexane	7.789	56	4138	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15038	4.172	ug/l #	50
38) Carbon Tetrachloride	7.795	117	20700	4.972	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	72908	38.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72908	106.067	ug/l #	13
95) Naphthalene	15.233	128	504	2.864	ug/l #	69

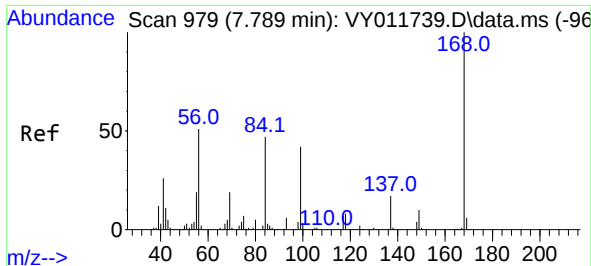
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011956.D
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Operator : KP/MD
Sample : N6129-01
Misc : 4.42g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Dec 22 00:15:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

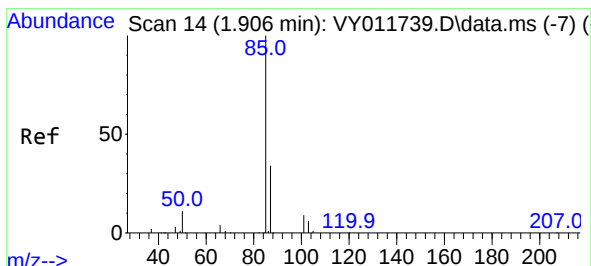
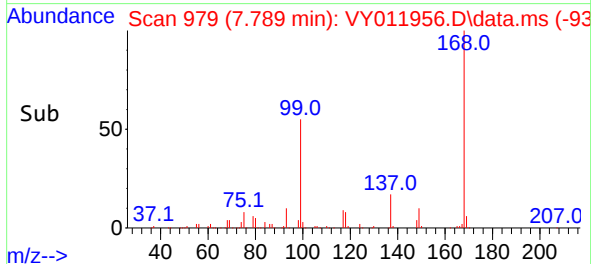
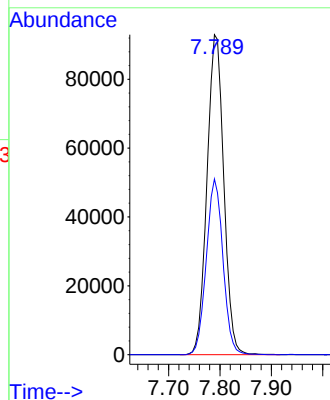
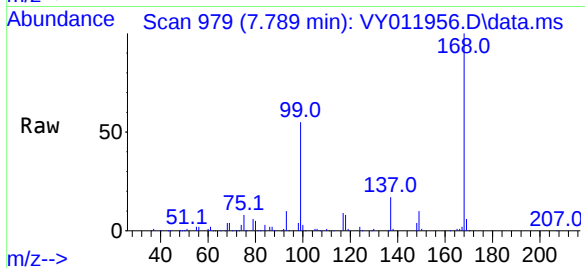




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

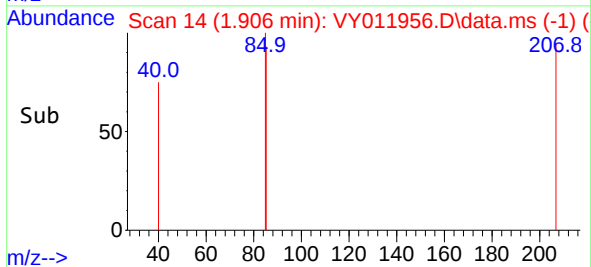
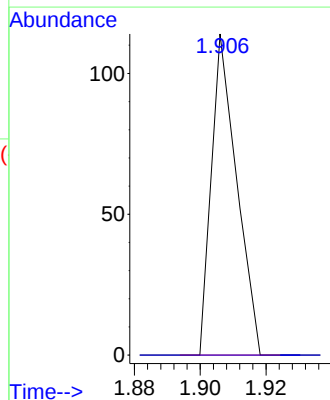
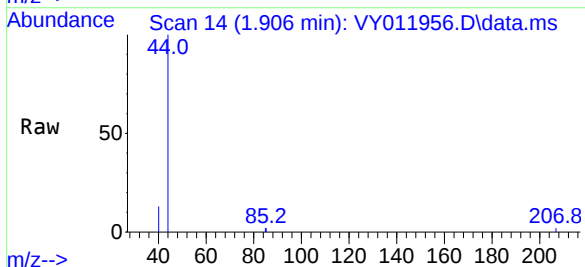
Instrument :
MSVOA_Y
ClientSampleId :
C3

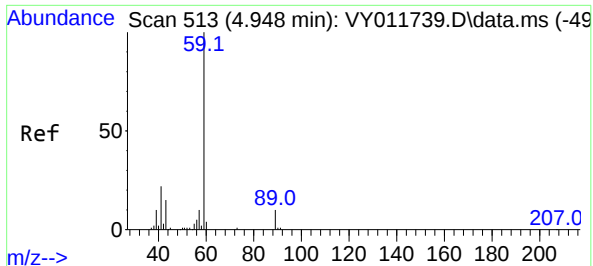
Tgt Ion:168 Resp: 210614
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.502 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Tgt Ion: 85 Resp: 61
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

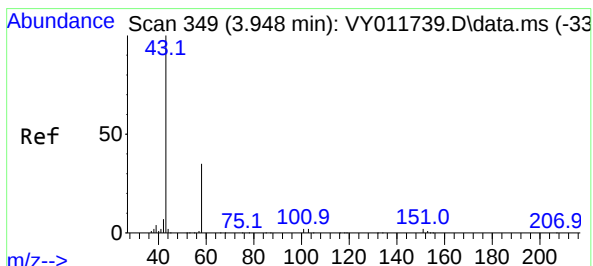
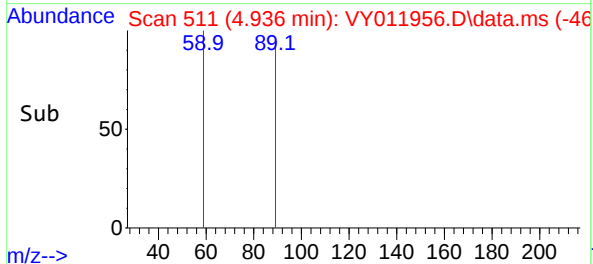
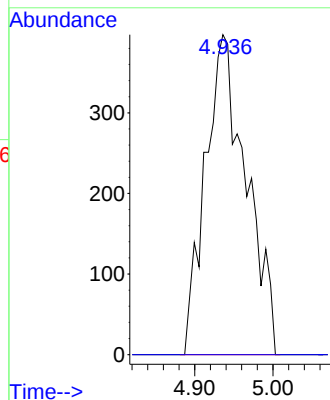
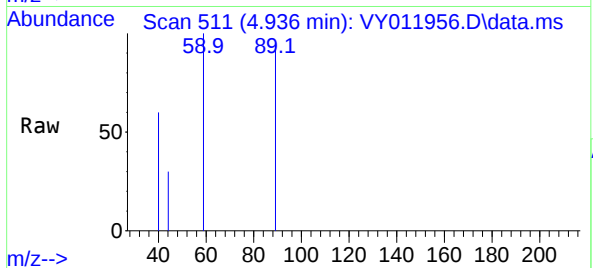




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

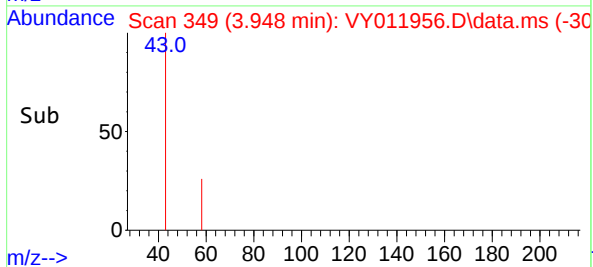
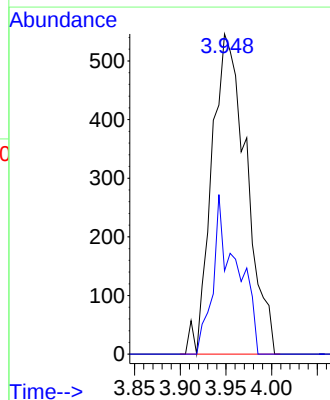
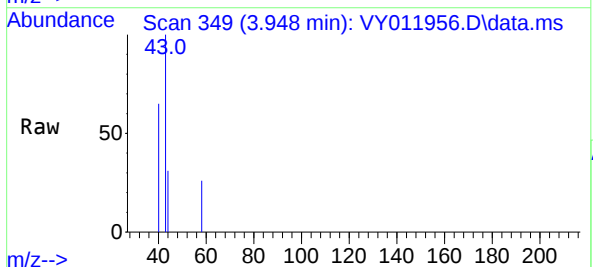
Instrument :
MSVOA_Y
ClientSampleId :
C3

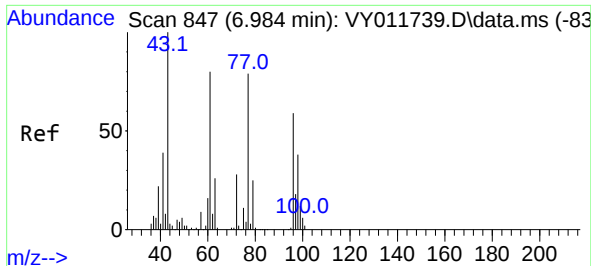
Tgt Ion: 59 Resp: 1439
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.108 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 26.0 27.9 41.9#





#25

2-Butanone

Concen: 1.460 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011956.D

Acq: 21 Dec 2022 18:54

Instrument :

MSVOA_Y

ClientSampleId :

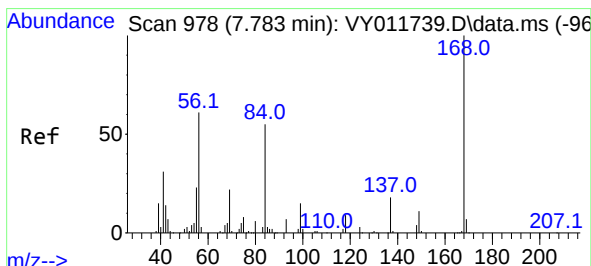
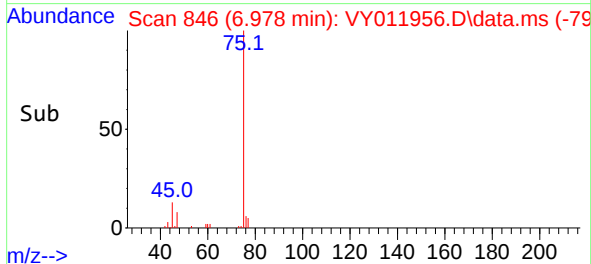
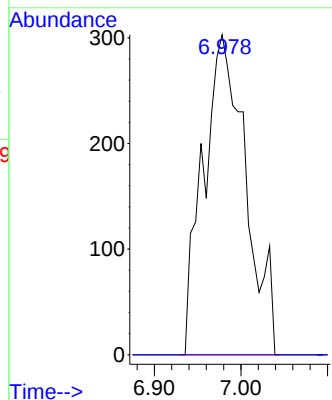
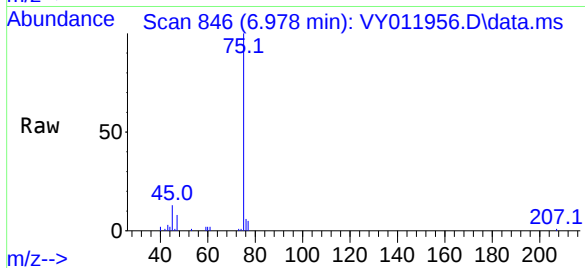
C3

Tgt Ion: 43 Resp: 1032

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.158 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY011956.D

Acq: 21 Dec 2022 18:54

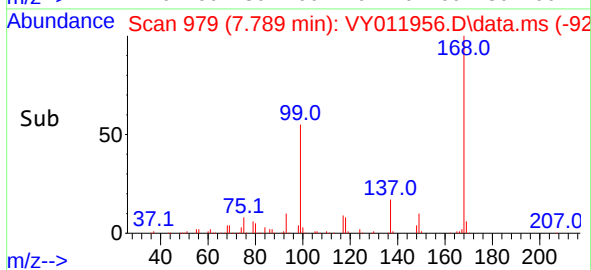
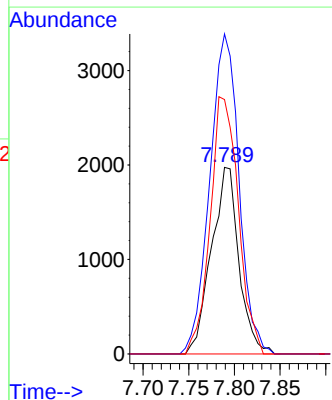
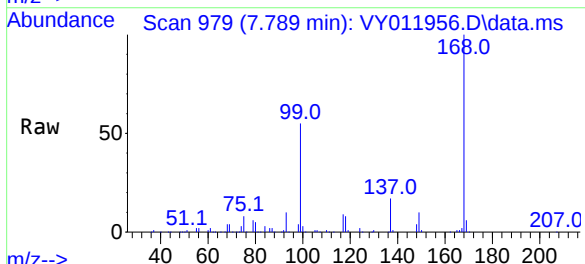
Tgt Ion: 56 Resp: 4138

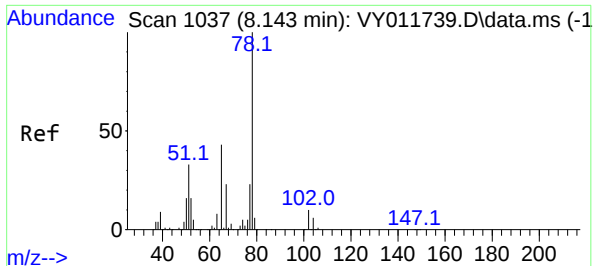
Ion Ratio Lower Upper

56 100

69 171.5 29.2 43.8#

84 136.3 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 57.408 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011956.D

Acq: 21 Dec 2022 18:54

Instrument :

MSVOA_Y

ClientSampleId :

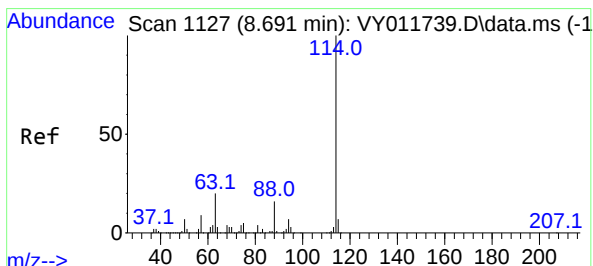
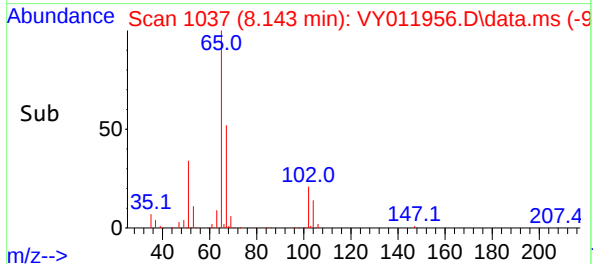
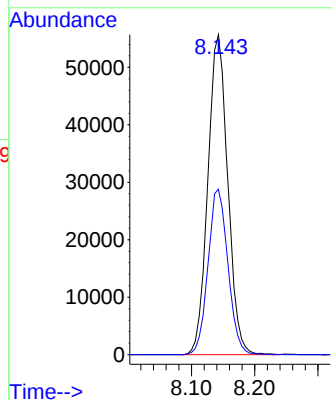
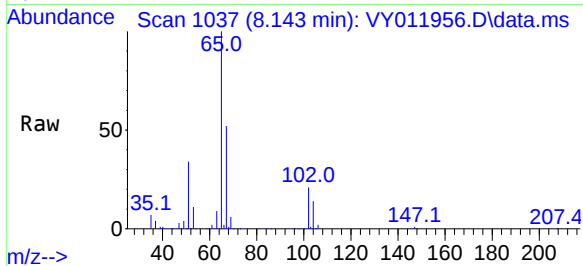
C3

Tgt Ion: 65 Resp: 121813

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011956.D

Acq: 21 Dec 2022 18:54

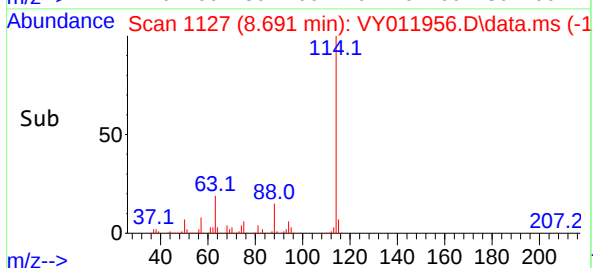
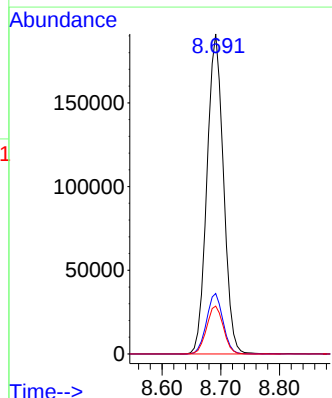
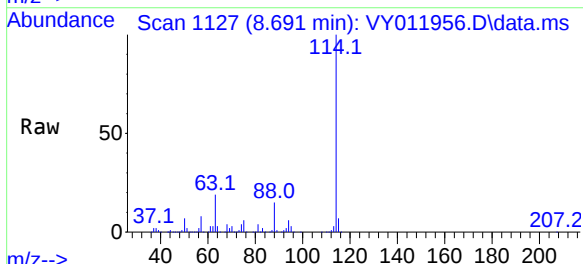
Tgt Ion: 114 Resp: 373283

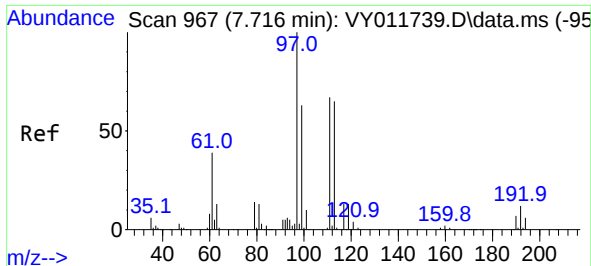
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.0 0.0 32.2

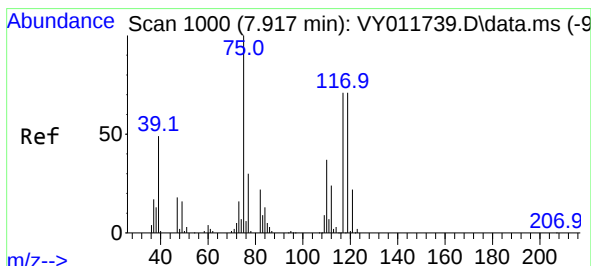
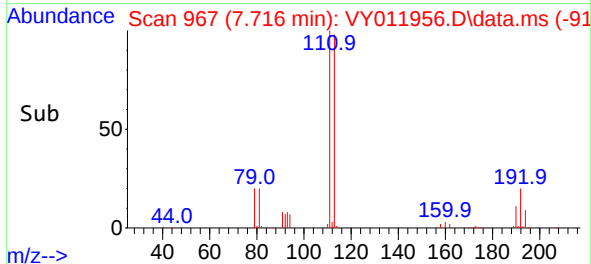
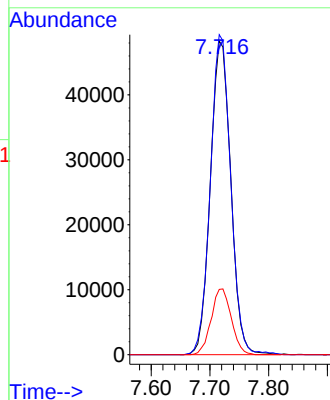
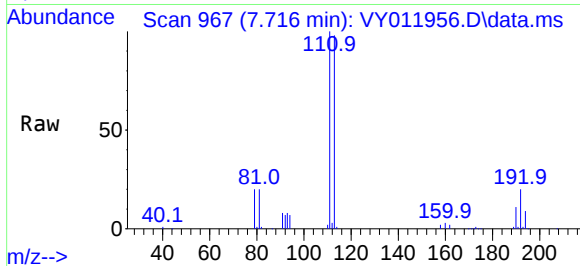




#35
Dibromofluoromethane
Concen: 51.847 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

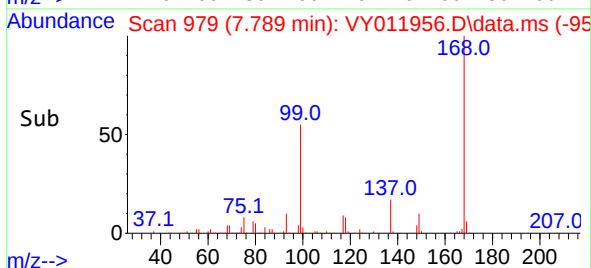
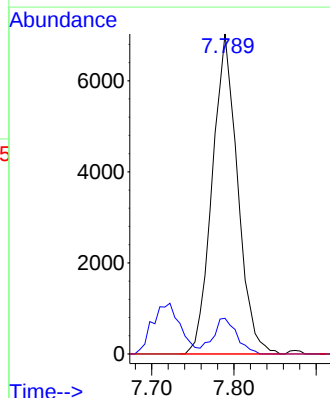
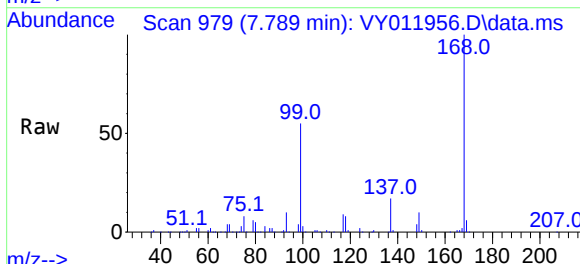
Instrument :
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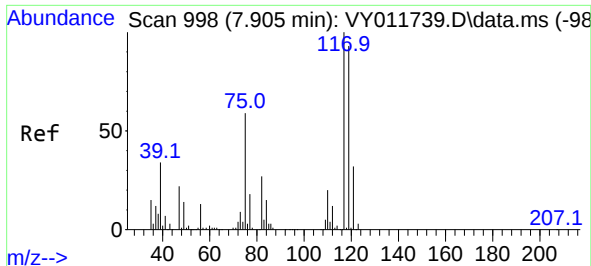
Tgt Ion:113 Resp: 116514
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 20.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.172 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Tgt Ion: 75 Resp: 15038
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#

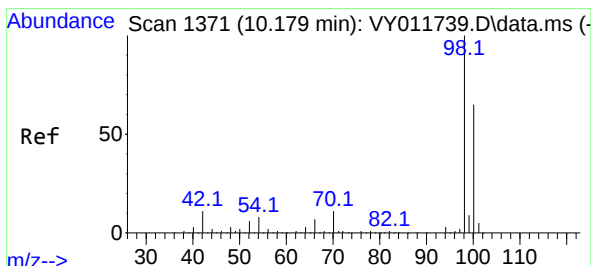
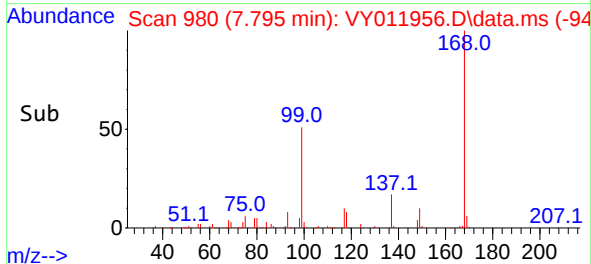
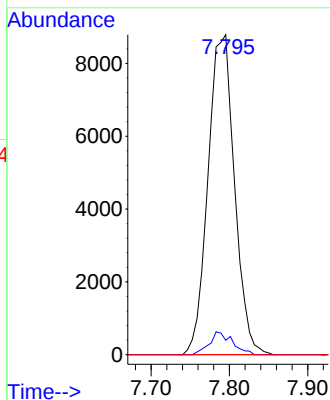
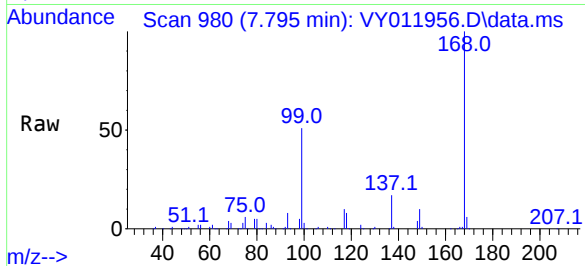




#38
Carbon Tetrachloride
Concen: 4.972 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

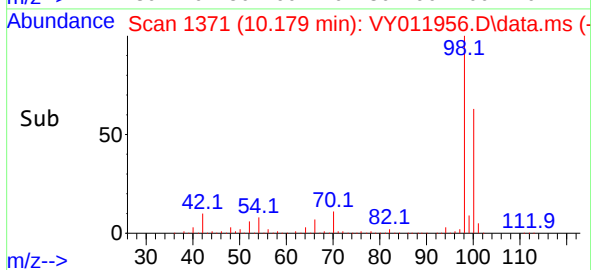
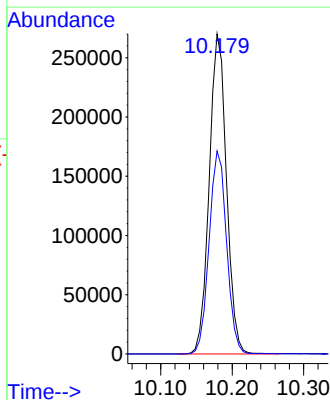
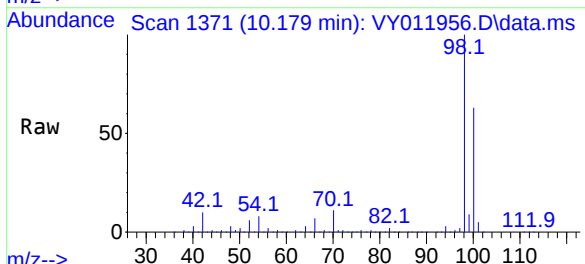
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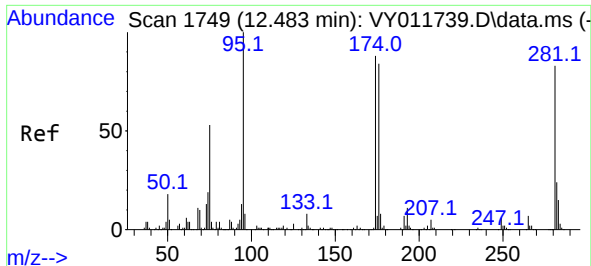
Tgt Ion:117 Resp: 20700
Ion Ratio Lower Upper
117 100
119 4.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.698 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Tgt Ion: 98 Resp: 453127
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

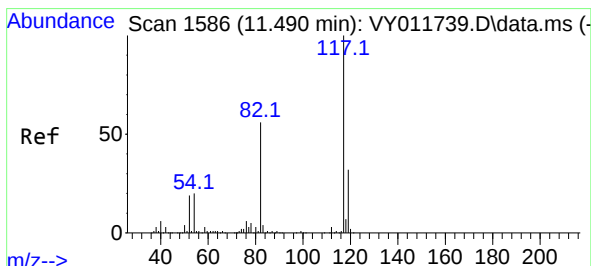
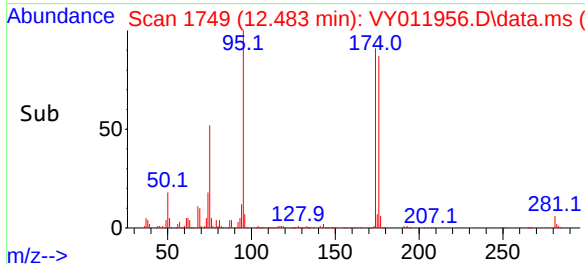
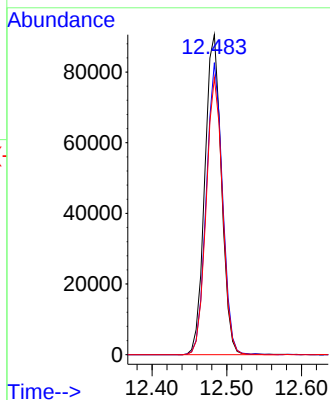
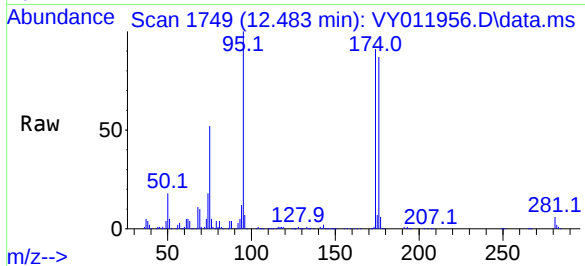




#62
4-Bromofluorobenzene
Concen: 45.572 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

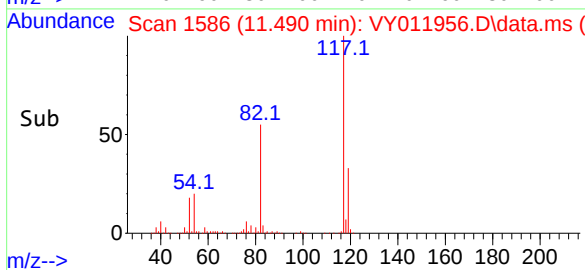
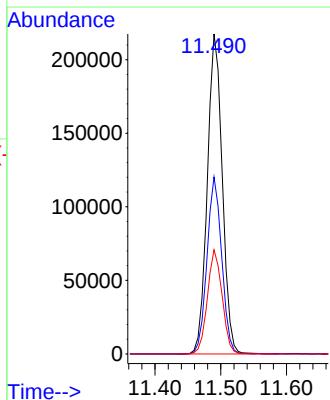
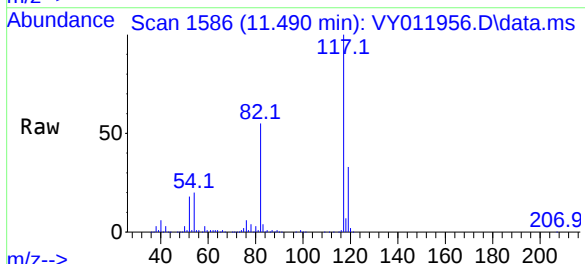
Instrument :
MSVOA_Y
ClientSampleId :
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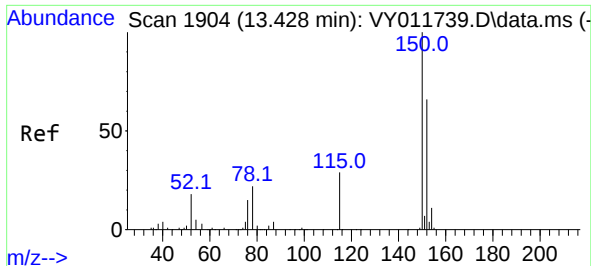
Tgt Ion: 95 Resp: 139746
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 85.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Tgt Ion: 117 Resp: 344306
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 32.6 25.4 38.2

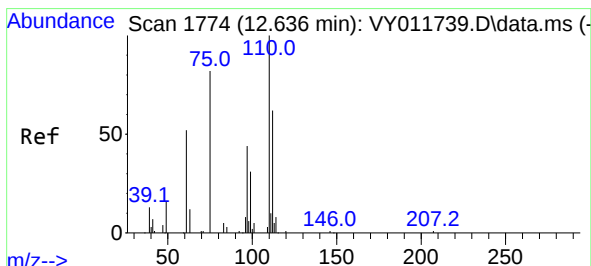
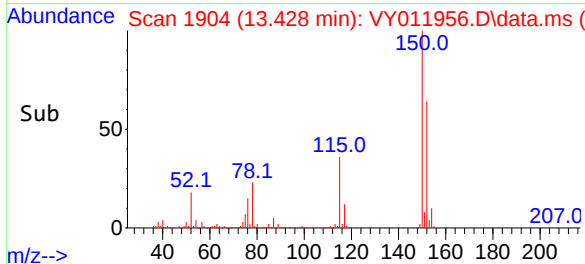
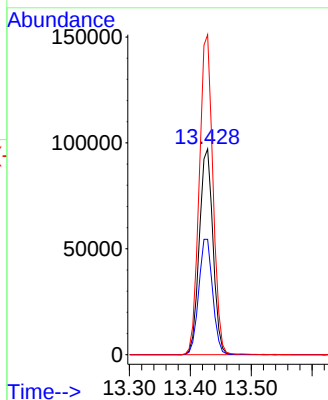
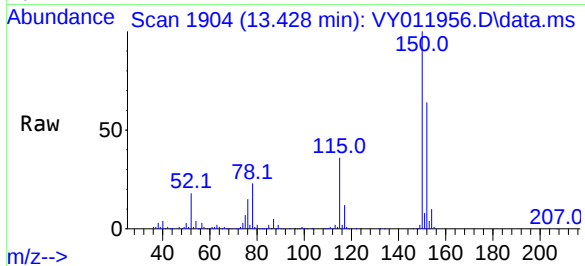




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

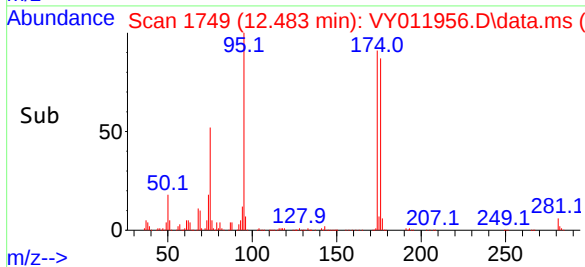
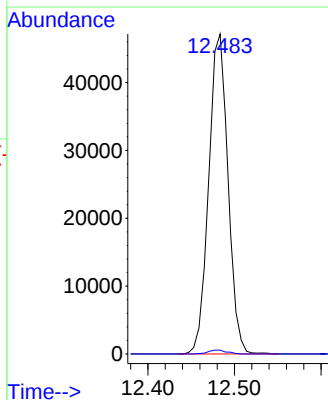
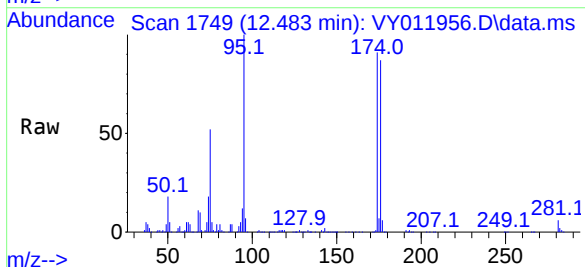
Instrument :
MSVOA_Y
ClientSampleId :
C3

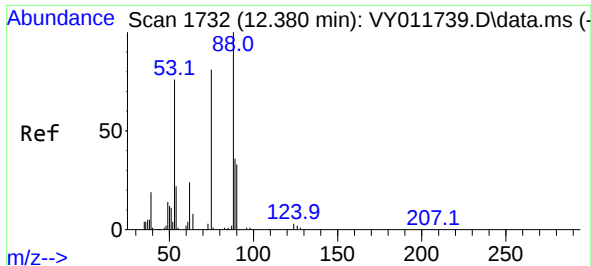
Tgt Ion:152 Resp: 151277
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 155.8 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 38.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Tgt Ion: 75 Resp: 72908
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

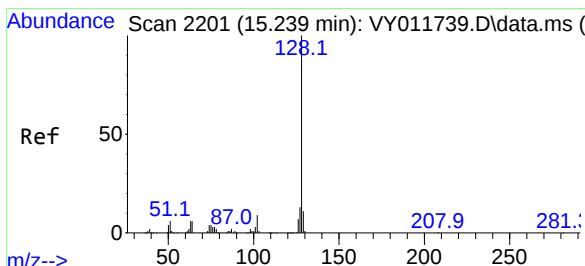
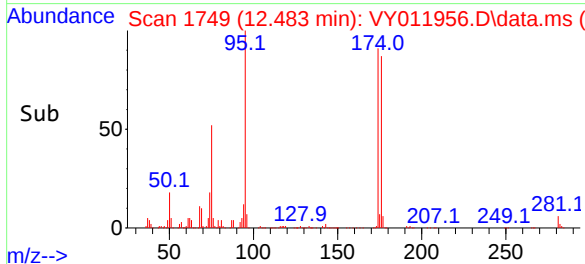
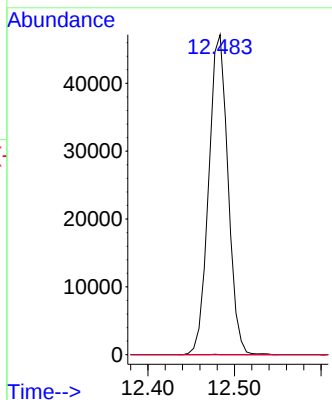
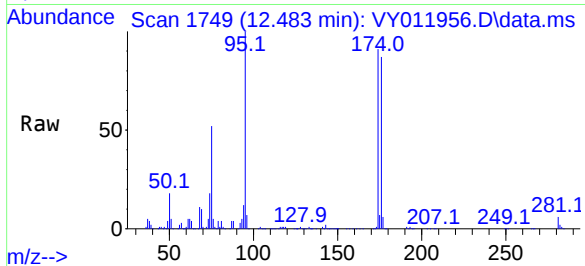




#81
trans-1,4-Dichloro-2-butene
Concen: 106.067 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Instrument :
MSVOA_Y
ClientSampleId :
C3

Tgt Ion: 75 Resp: 72908
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.864 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011956.D
Acq: 21 Dec 2022 18:54

Tgt Ion:128 Resp: 504
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

