

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011973.D
 Acq On : 22 Dec 2022 14:38
 Operator : KP/MD
 Sample : N6148-05
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3052-GRAB-7

Quant Time: Dec 23 04:32:15 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)

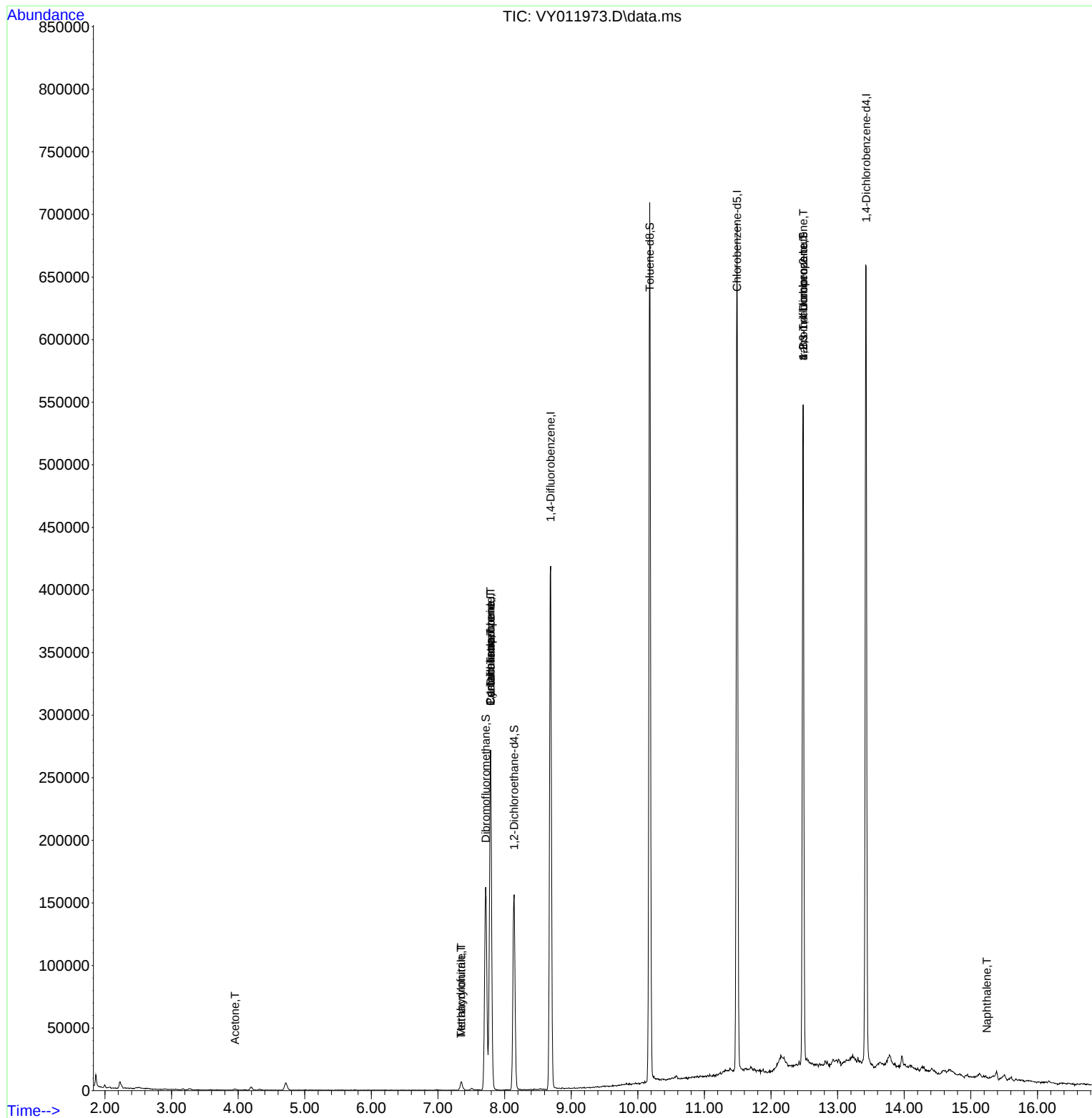
Internal Standards						
1) Pentafluorobenzene	7.789	168	208928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127565	60.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.200%			
35) Dibromofluoromethane	7.716	113	114173	51.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.380%			
50) Toluene-d8	10.179	98	462020	51.060	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.483	95	162384	53.360	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.720%			
Target Compounds						
16) Acetone	3.954	43	1596	7.365	ug/l	89
20) Methylene Chloride	4.716	84	4597	Below Cal		88
29) Tetrahydrofuran	7.344	42	4727	11.899	ug/l #	91
31) Cyclohexane	7.789	56	3732	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15284	4.272	ug/l #	50
38) Carbon Tetrachloride	7.789	117	20849	5.046	ug/l #	18
41) Methacrylonitrile	7.350	41	3103	3.998	ug/l #	100
76) 1,2,3-Trichloropropane	12.483	75	84693	39.531	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84693	108.256	ug/l #	13
95) Naphthalene	15.239	128	932	2.917	ug/l #	81

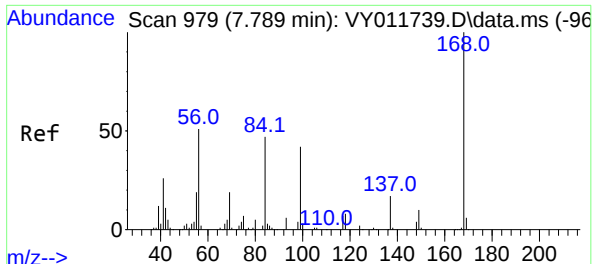
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

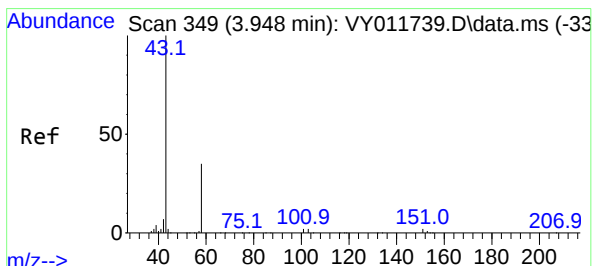
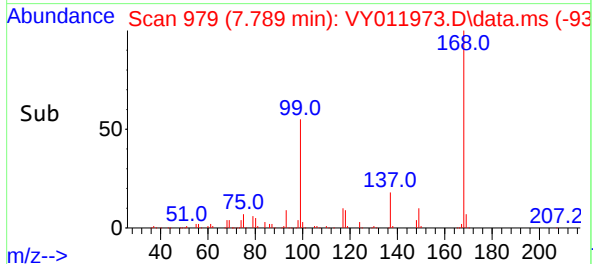
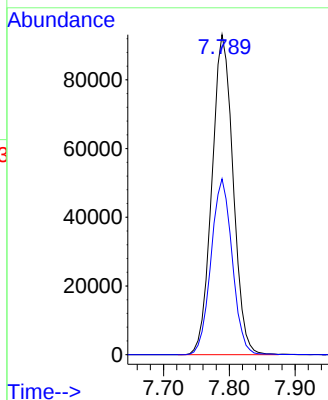
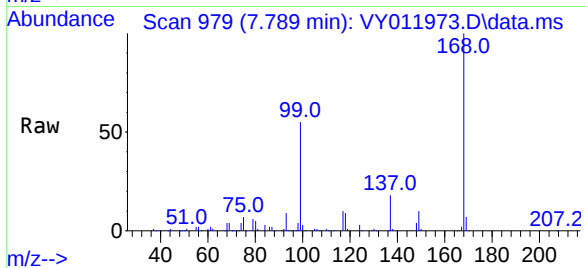




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

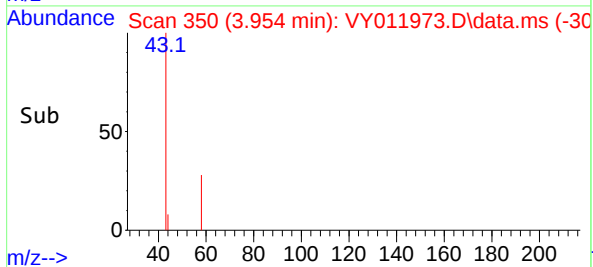
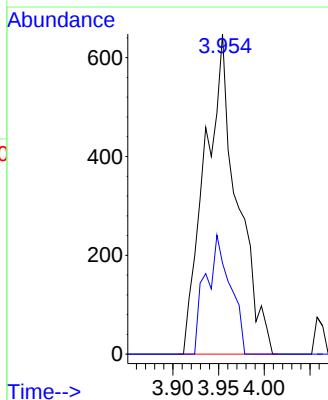
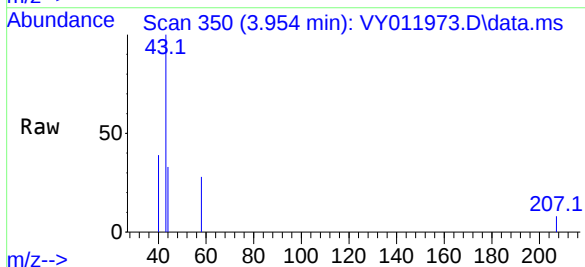
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-7

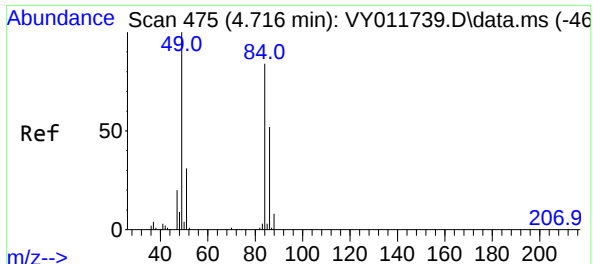
Tgt Ion:168 Resp: 208928
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#16
Acetone
Concen: 7.365 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 28.4 27.9 41.9



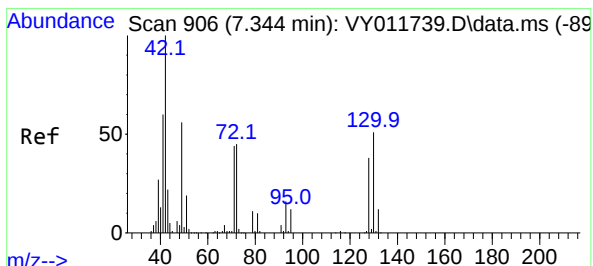
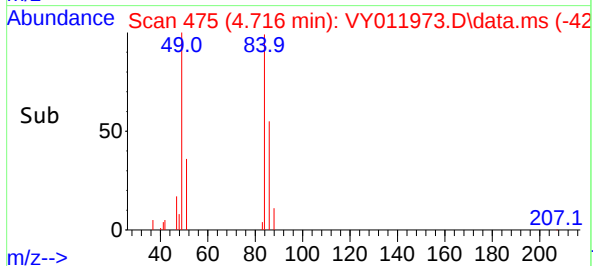
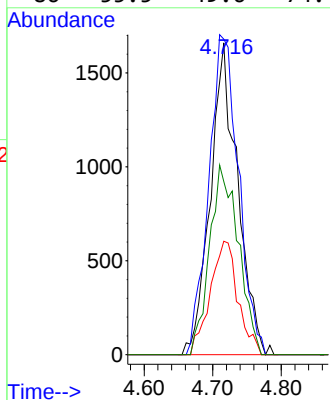
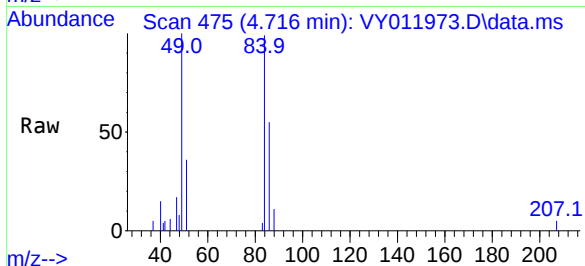


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-7

Tgt Ion: 84 Resp: 4597

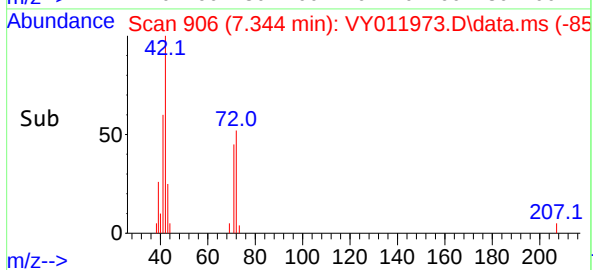
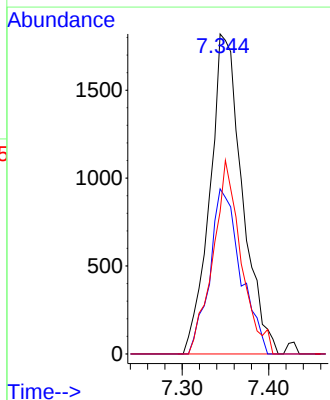
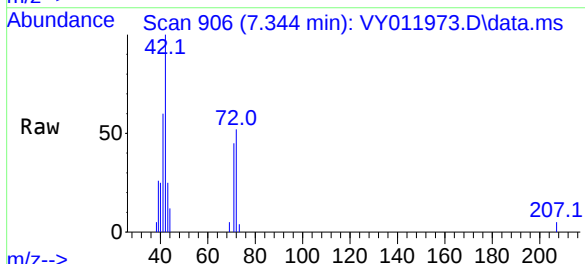
Ion	Ratio	Lower	Upper
84	100		
49	101.1	95.4	143.2
51	36.4	29.9	44.9
86	55.5	49.6	74.4

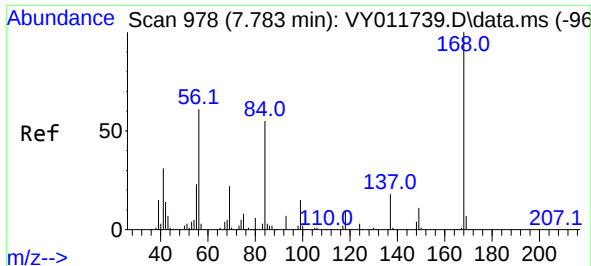


#29
Tetrahydrofuran
Concen: 11.899 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Tgt Ion: 42 Resp: 4727

Ion	Ratio	Lower	Upper
42	100		
72	49.1	37.0	55.6
71	52.5	34.9	52.3

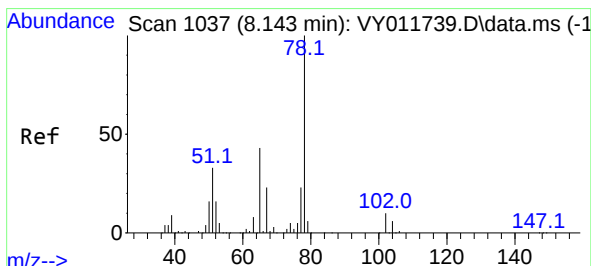
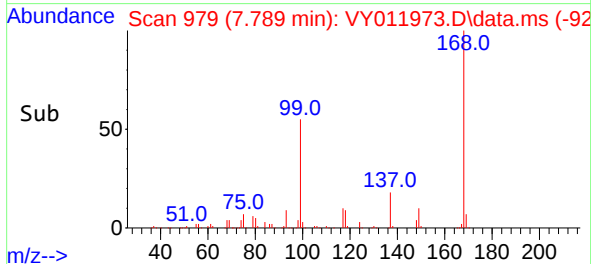
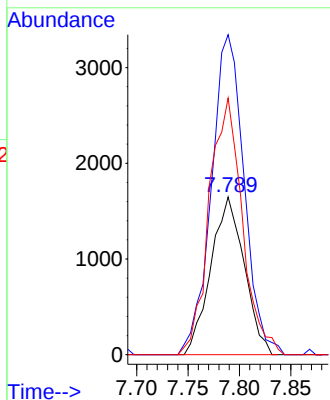
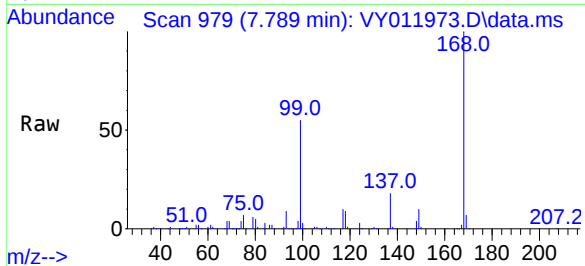




#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

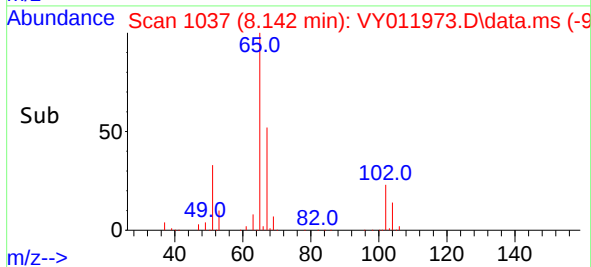
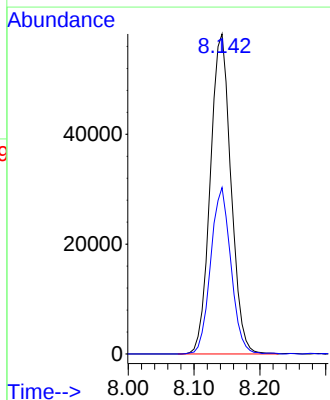
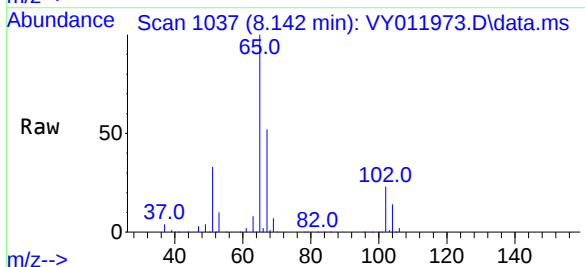
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-7

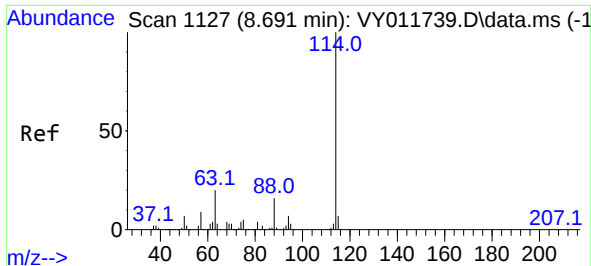
Tgt Ion: 56 Resp: 3732
Ion Ratio Lower Upper
56 100
69 202.8 29.2 43.8#
84 162.6 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 60.604 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Tgt Ion: 65 Resp: 127565
Ion Ratio Lower Upper
65 100
67 50.8 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: VY011973.D

Acq: 22 Dec 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3052-GRAB-7

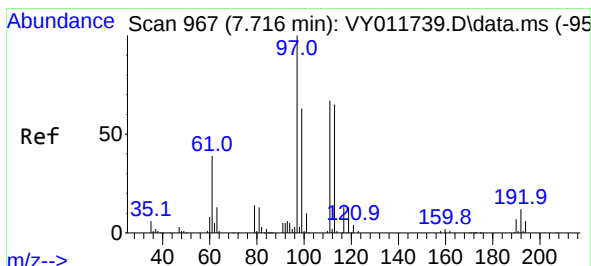
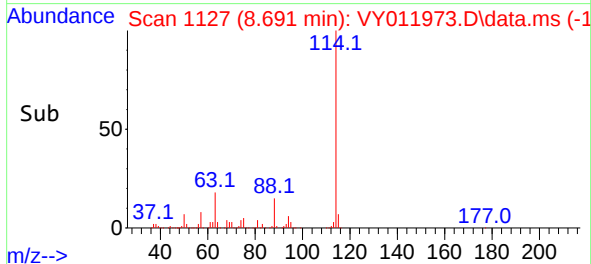
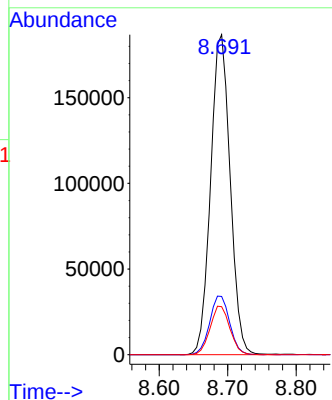
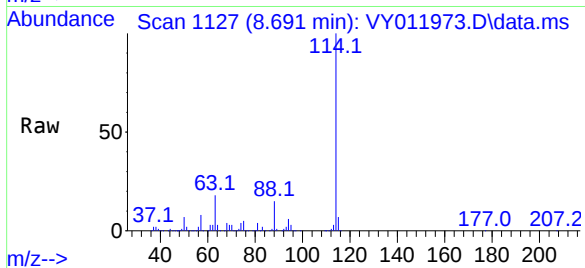
Tgt Ion:114 Resp: 370450

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.194 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011973.D

Acq: 22 Dec 2022 14:38

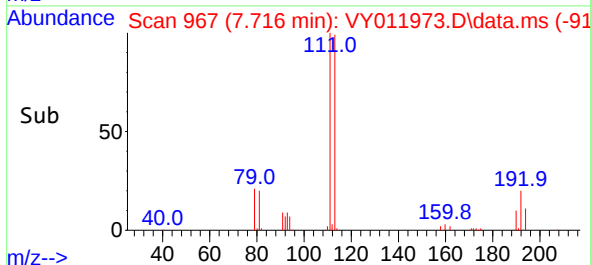
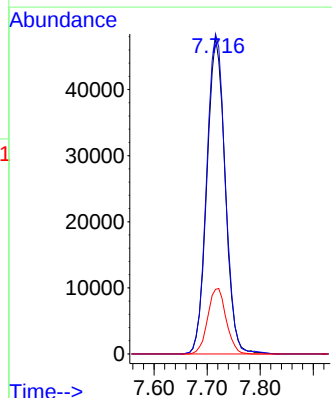
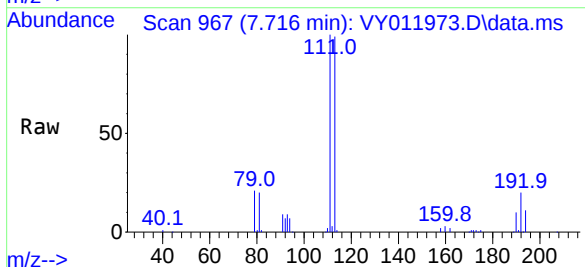
Tgt Ion:113 Resp: 114173

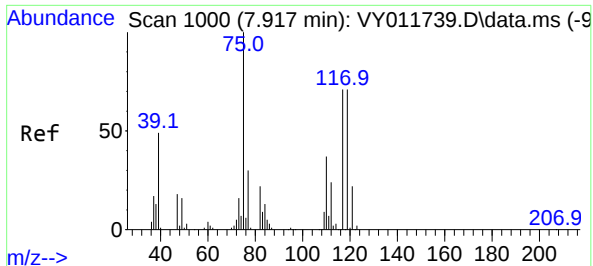
Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

192 20.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.272 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011973.D

Acq: 22 Dec 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3052-GRAB-7

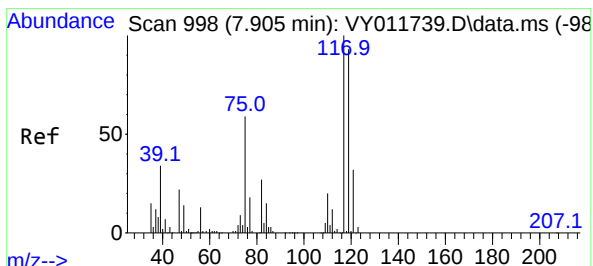
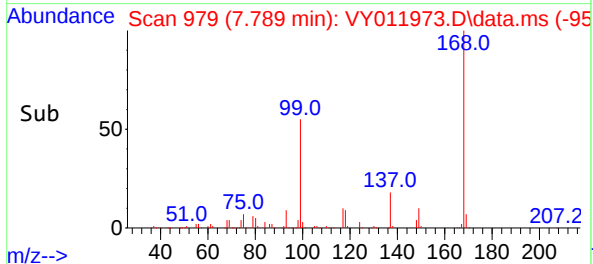
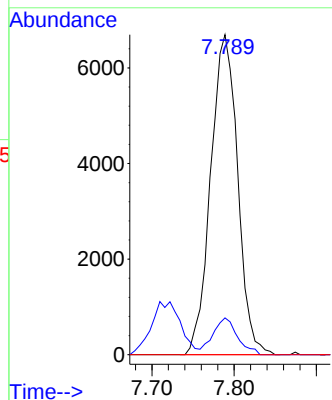
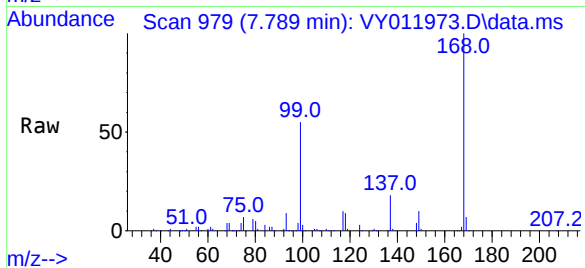
Tgt Ion: 75 Resp: 15284

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.046 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011973.D

Acq: 22 Dec 2022 14:38

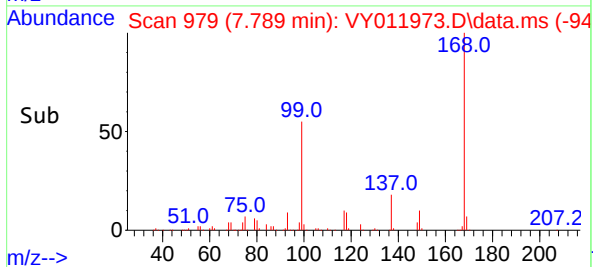
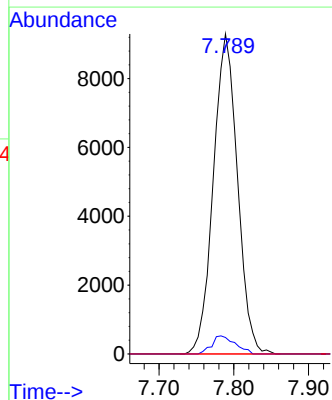
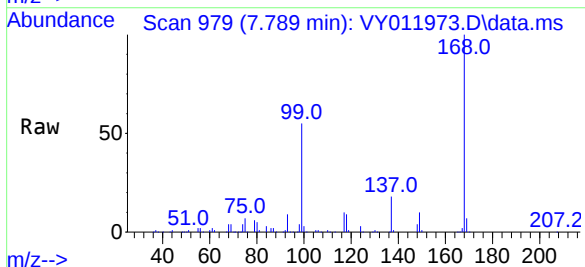
Tgt Ion: 117 Resp: 20849

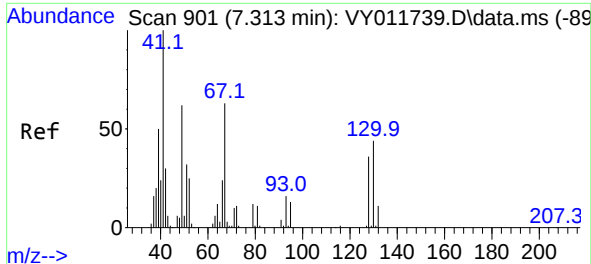
Ion Ratio Lower Upper

117 100

119 5.2 73.8 110.8#

121 0.0 25.2 37.8#

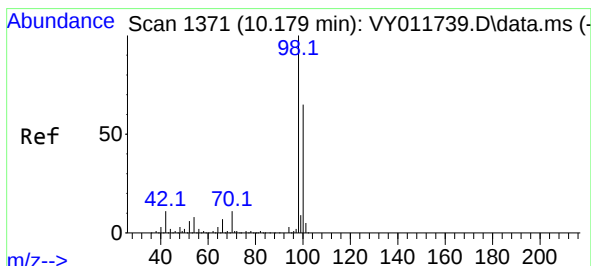
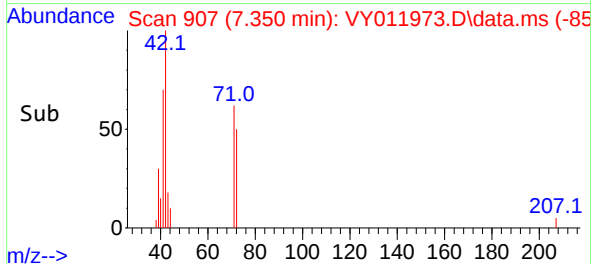
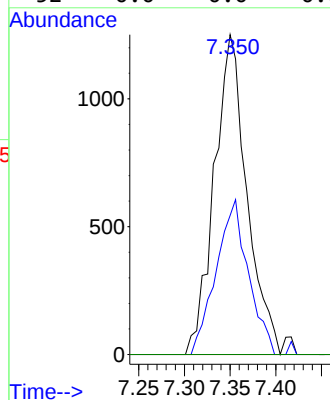
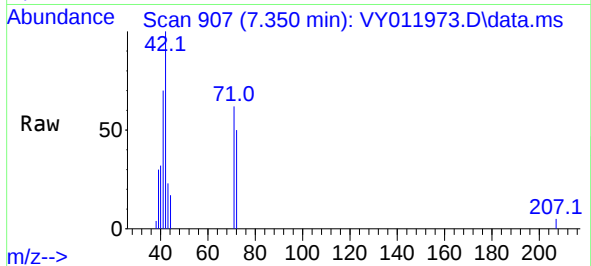




#41
Methacrylonitrile
Concen: 3.998 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.036 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

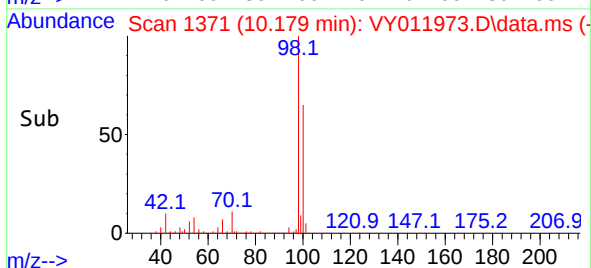
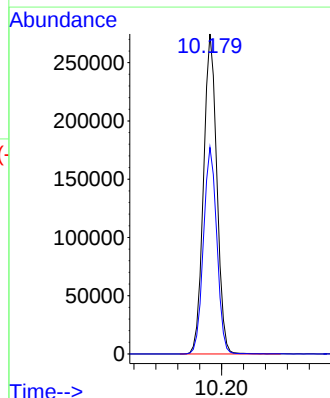
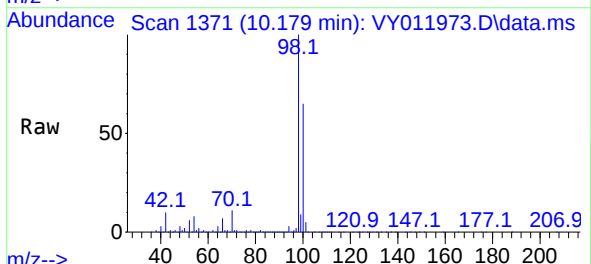
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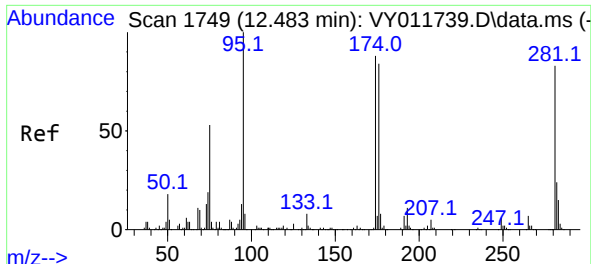
Tgt Ion: 41	Resp: 3103
Ion Ratio	Lower Upper
41 100	
39 47.8	0.0 0.0#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 51.060 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Tgt Ion: 98	Resp: 462020
Ion Ratio	Lower Upper
98 100	
100 64.8	51.9 77.9

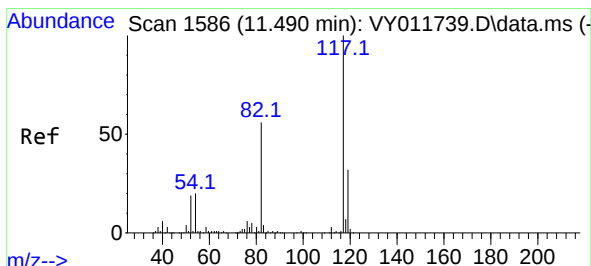
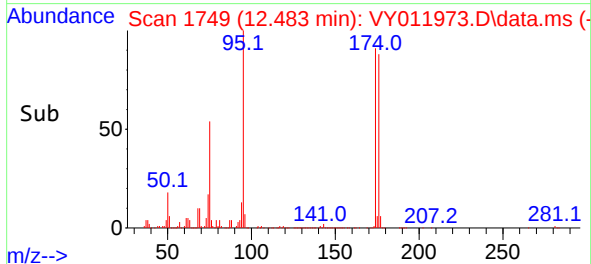
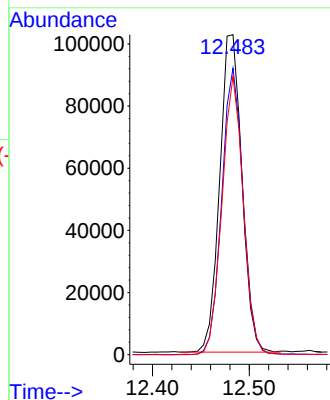
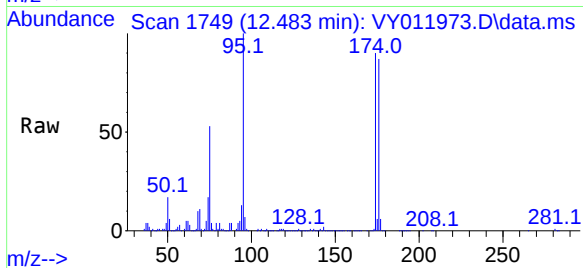




#62
4-Bromofluorobenzene
Concen: 53.360 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

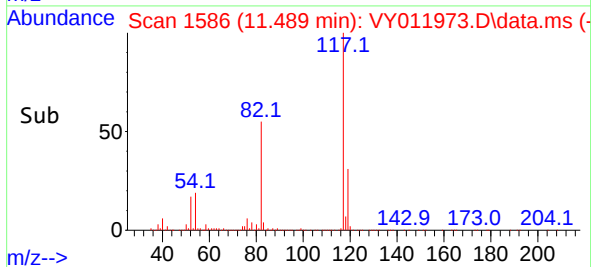
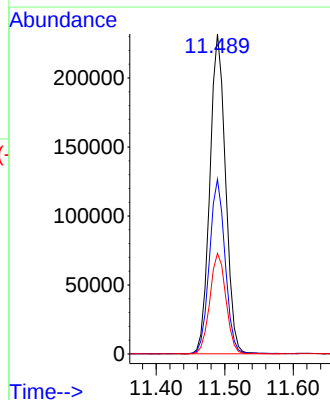
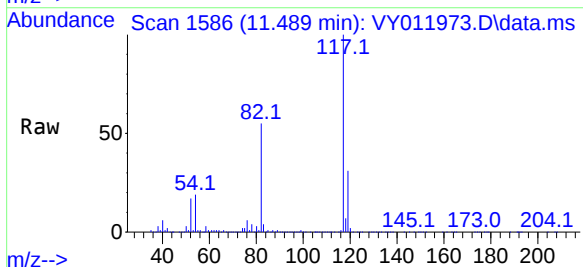
Instrument :
MSVOA_Y
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VOC-3052-GRAB-7

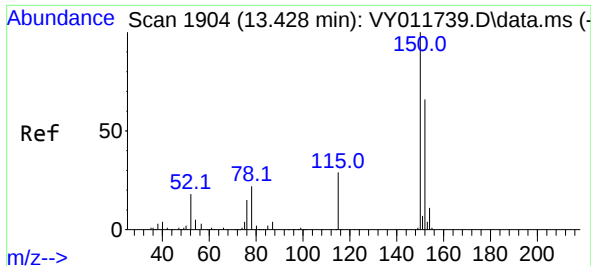
Tgt Ion: 95 Resp: 162384
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.0
176 84.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Tgt Ion: 117 Resp: 369145
Ion Ratio Lower Upper
117 100
82 54.5 44.8 67.2
119 31.4 25.4 38.2

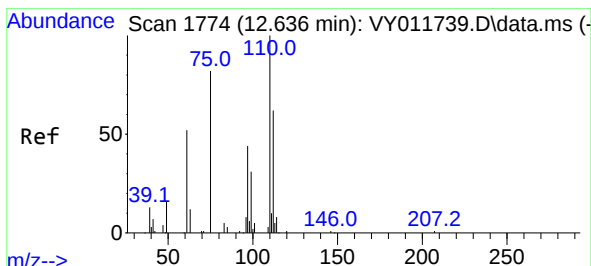
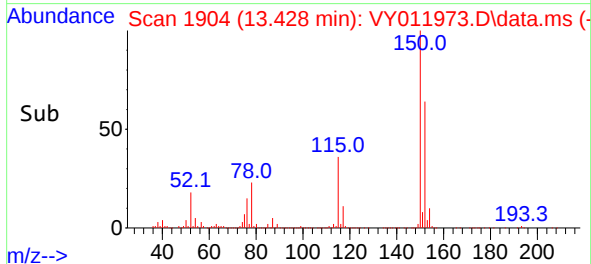
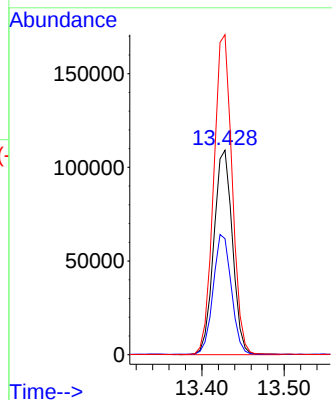
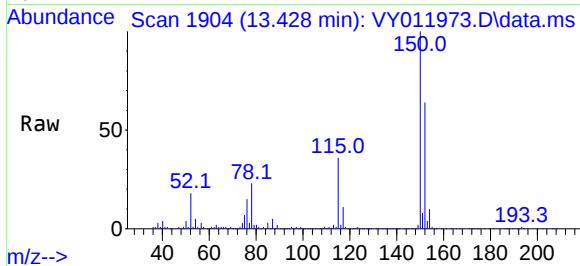




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

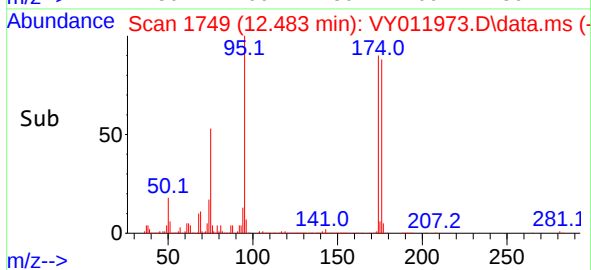
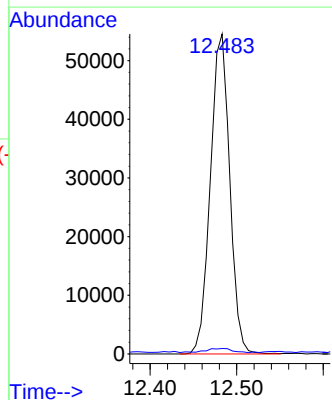
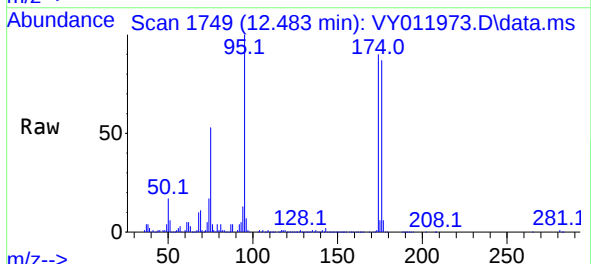
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-7

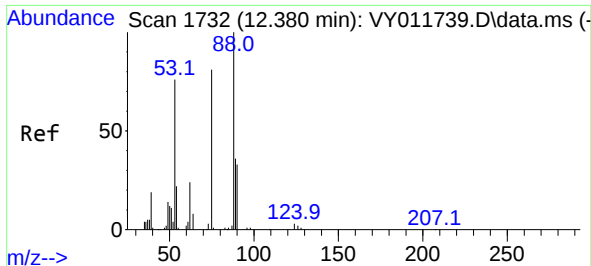
Tgt Ion:152 Resp: 172175
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 155.2 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 39.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Tgt Ion: 75 Resp: 84693
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

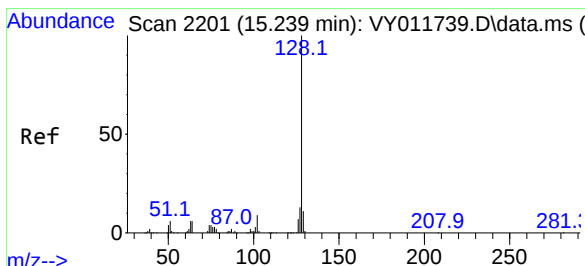
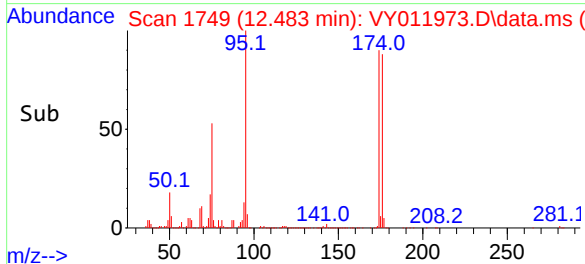
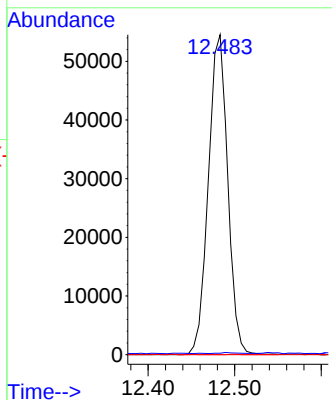
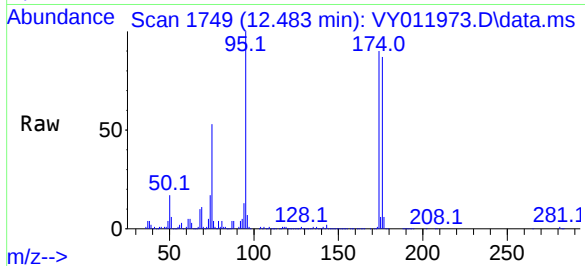




#81
trans-1,4-Dichloro-2-butene
Concen: 108.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-7

Tgt Ion: 75 Resp: 84693
Ion Ratio Lower Upper
75 100
53 0.3 72.5 108.7#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 2.917 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011973.D
Acq: 22 Dec 2022 14:38

Tgt Ion: 128 Resp: 932
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 26.3 8.8 13.2#

