

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006598.D
 Acq On : 03 Nov 2021 13:33
 Operator : SY/MD
 Sample : M4433-03RE
 Misc : 4.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124035RE

Quant Time: Nov 03 21:19:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

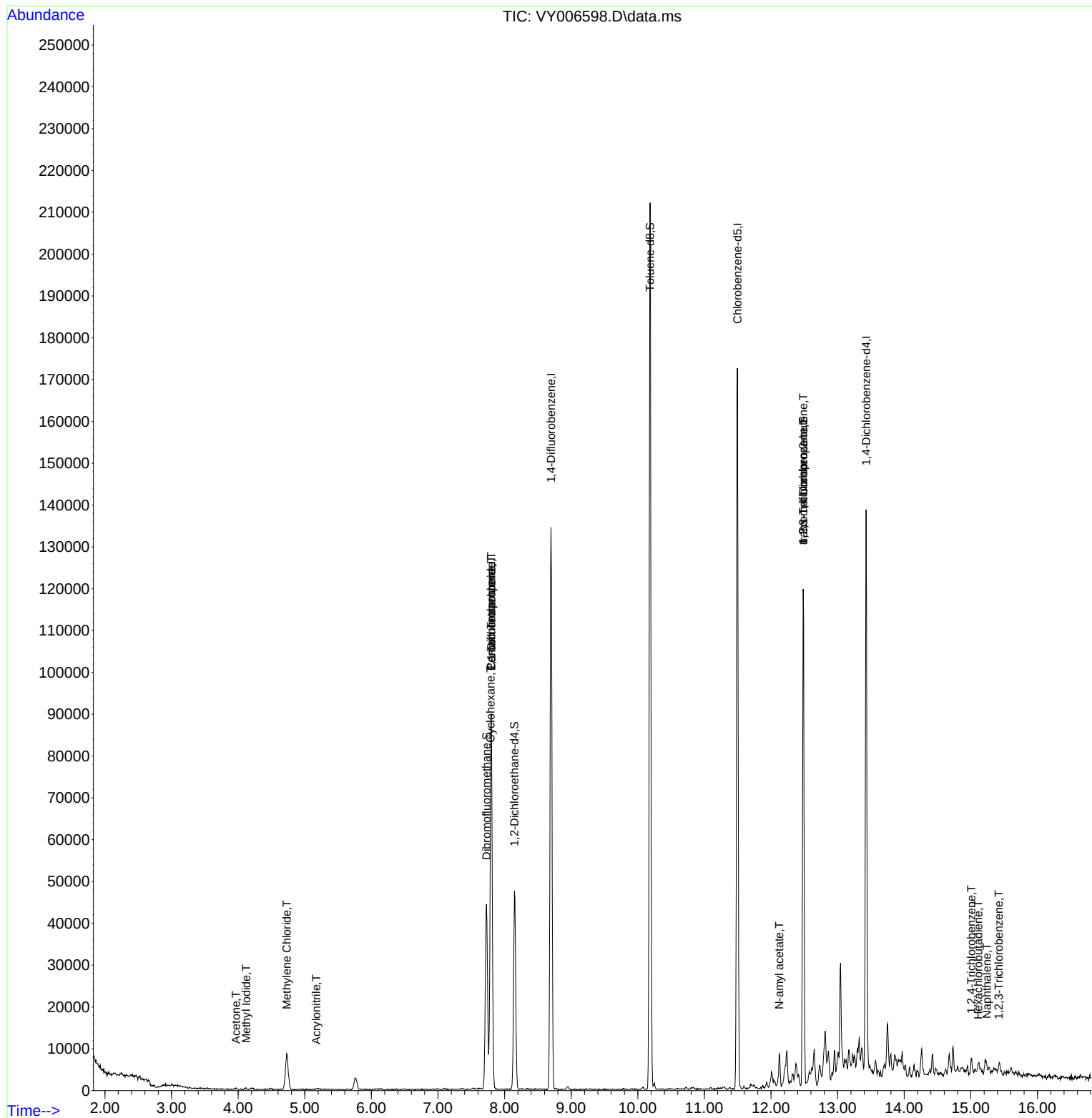
Internal Standards						
1) Pentafluorobenzene	7.801	168	66782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	107035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	85748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37368	45.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.940%
35) Dibromofluoromethane	7.728	113	31221	52.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.660%
50) Toluene-d8	10.185	98	131885	52.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.483	95	34182	40.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.240%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	341	5.526	ug/l #	69
15) Acrylonitrile	5.174	53	240	1.101	ug/l #	50
16) Acetone	3.966	43	545	2.303	ug/l #	46
20) Methylene Chloride	4.729	84	5396	3.608	ug/l	93
31) Cyclohexane	7.789	56	1776	1.335	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	5826	5.509	ug/l #	51
38) Carbon Tetrachloride	7.801	117	7022	6.019	ug/l #	15
74) N-amyl acetate	12.124	43	1845	2.585	ug/l #	69
76) 1,2,3-Trichloropropane	12.483	75	19534	61.637	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19534	126.538	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	968	1.643	ug/l #	84
94) Hexachlorobutadiene	15.111	225	397	1.052	ug/l	87
95) Naphthalene	15.239	128	1886	1.636	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.422	180	905	1.754	ug/l #	79

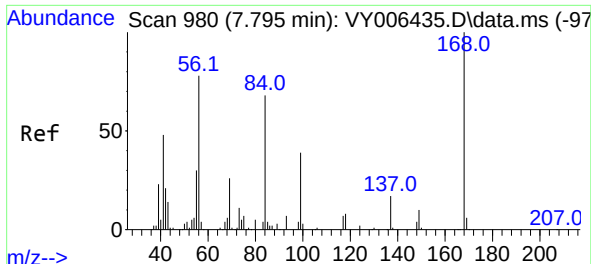
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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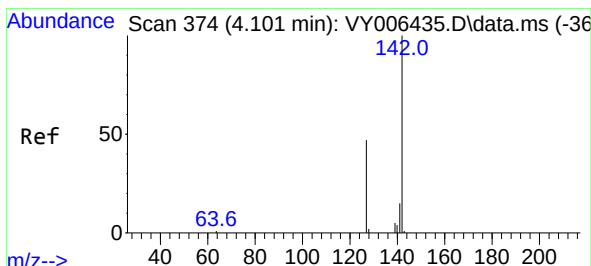
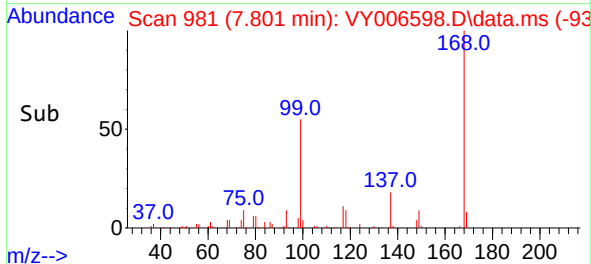
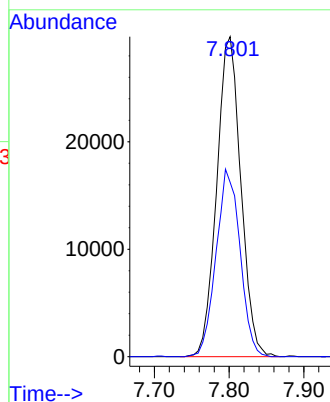
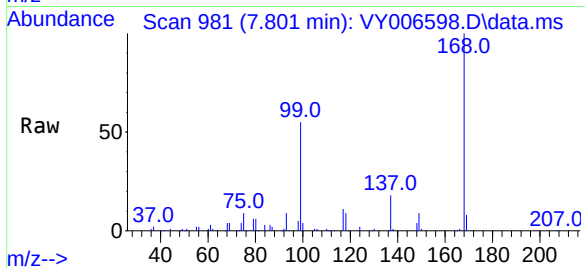




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

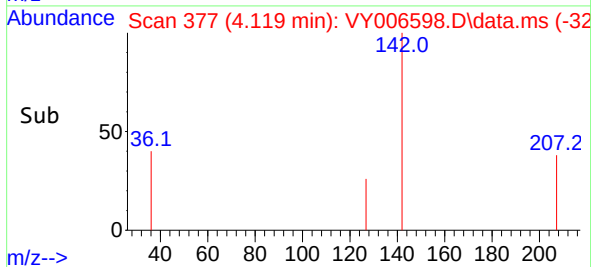
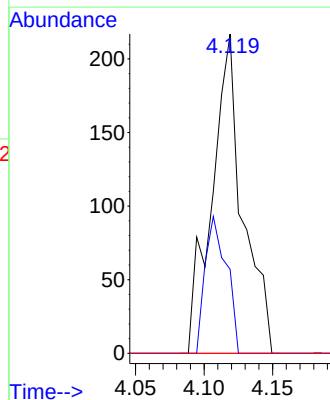
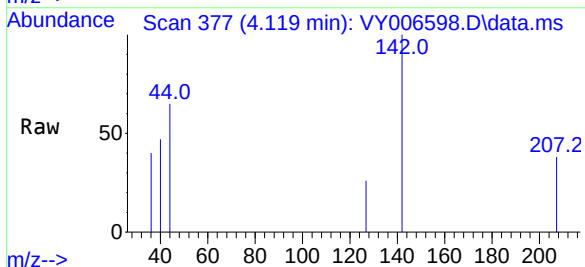
Instrument :
MSVOA_Y
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PSC-124035RE

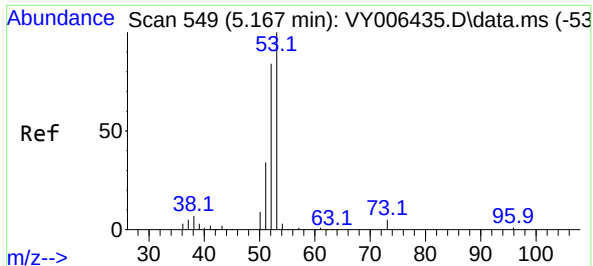
Tgt Ion:168 Resp: 66782
Ion Ratio Lower Upper
168 100
99 54.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.526 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion:142 Resp: 341
Ion Ratio Lower Upper
142 100
127 29.6 40.1 60.1#
141 0.0 12.5 18.7#

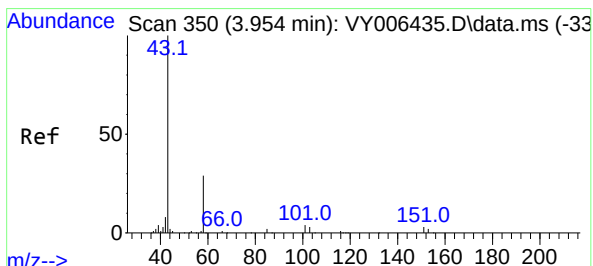
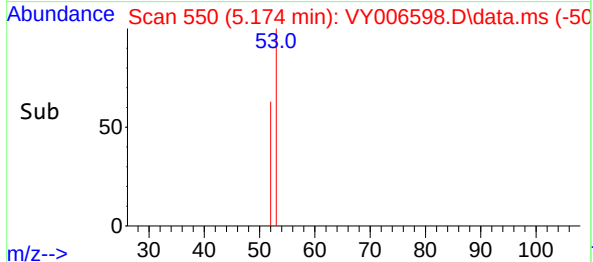
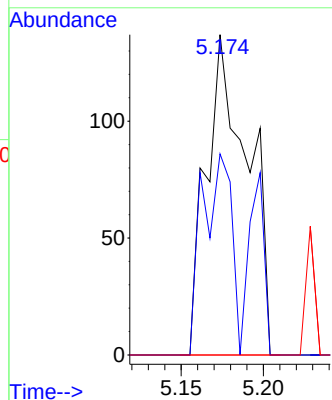
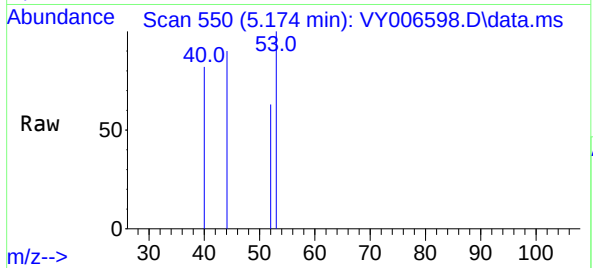




#15
Acrylonitrile
Concen: 1.101 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

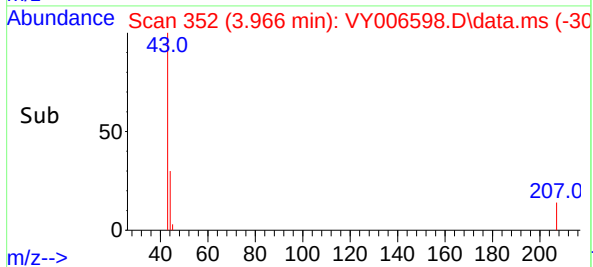
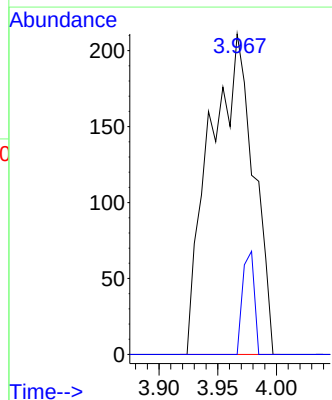
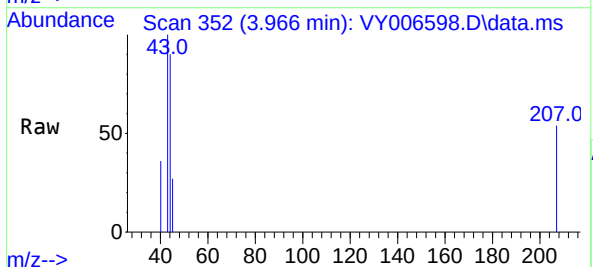
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035RE

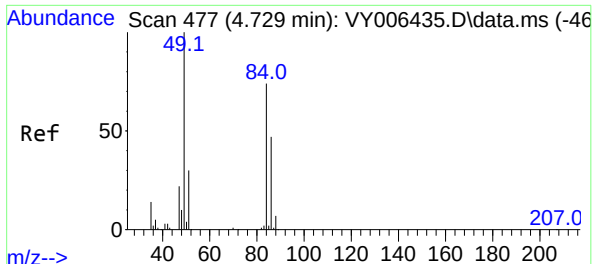
Tgt Ion: 53 Resp: 240
Ion Ratio Lower Upper
53 100
52 43.8 67.1 100.7#
51 0.0 30.0 45.0#



#16
Acetone
Concen: 2.303 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

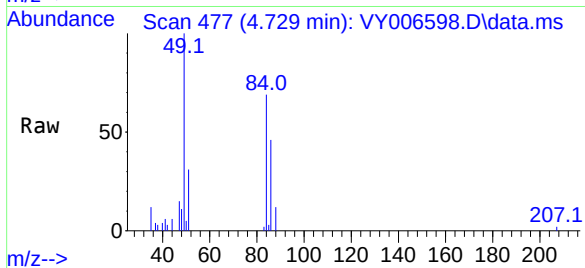
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





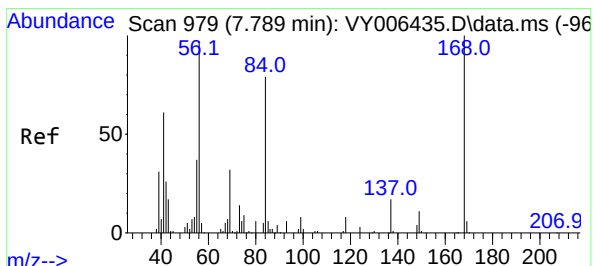
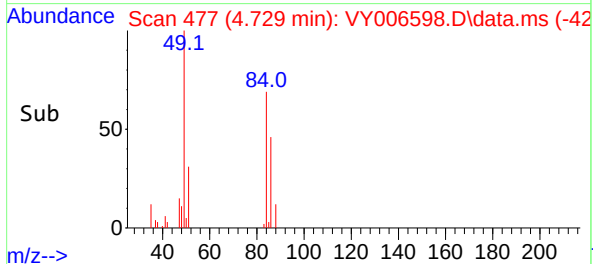
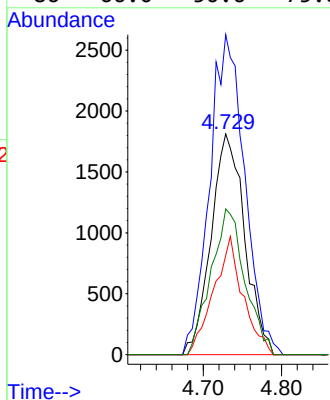
#20
Methylene Chloride
Concen: 3.608 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035RE



Tgt Ion: 84 Resp: 5396

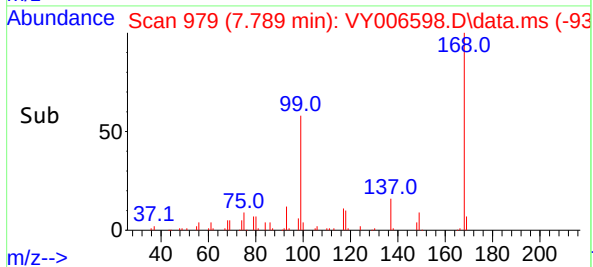
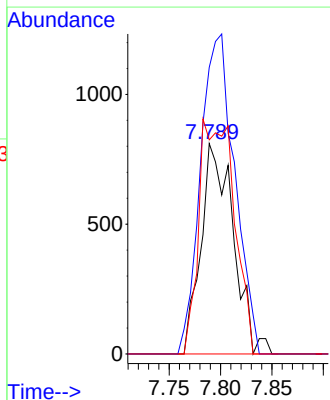
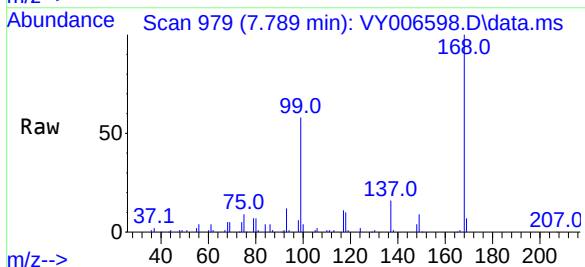
Ion	Ratio	Lower	Upper
84	100		
49	145.0	107.8	161.8
51	44.9	32.8	49.2
86	66.0	50.6	75.8

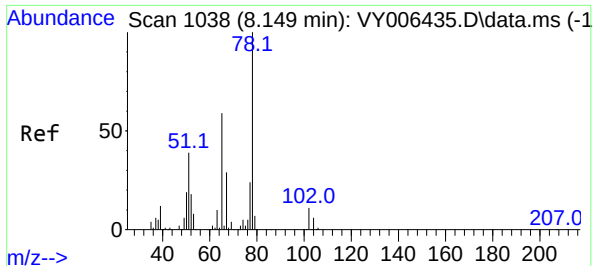


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion: 56 Resp: 1776

Ion	Ratio	Lower	Upper
56	100		
69	136.1	26.6	40.0#
84	101.7	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 45.471 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006598.D

Acq: 03 Nov 2021 13:33

Instrument :

MSVOA_Y

ClientSampleId :

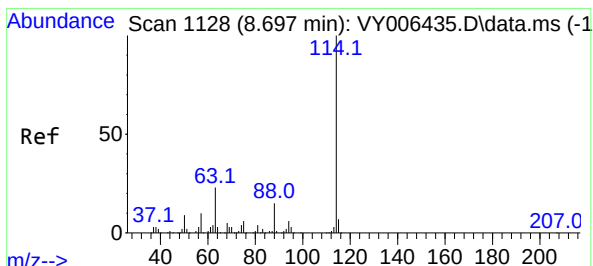
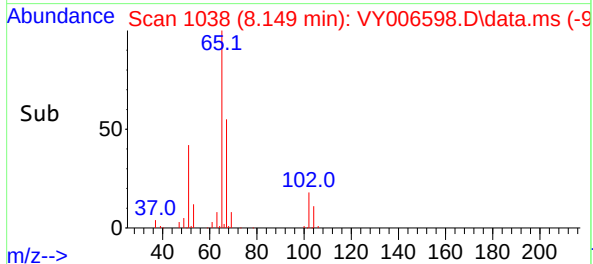
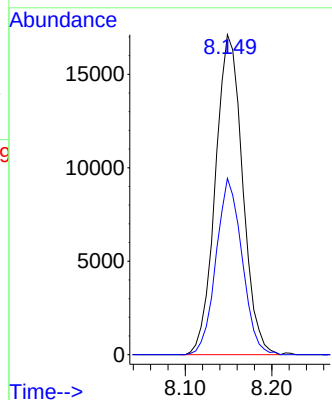
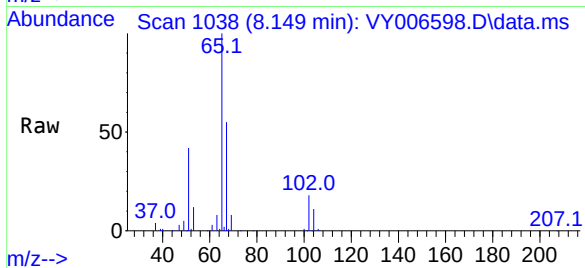
PSC-124035RE

Tgt Ion: 65 Resp: 37368

Ion Ratio Lower Upper

65 100

67 52.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006598.D

Acq: 03 Nov 2021 13:33

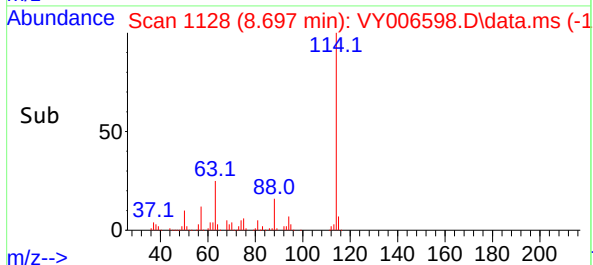
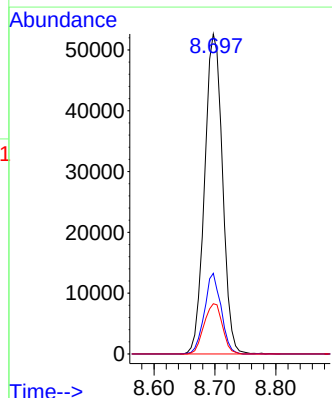
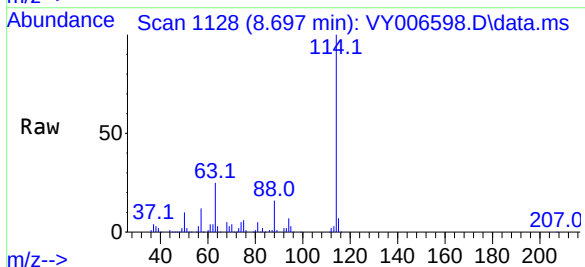
Tgt Ion: 114 Resp: 107035

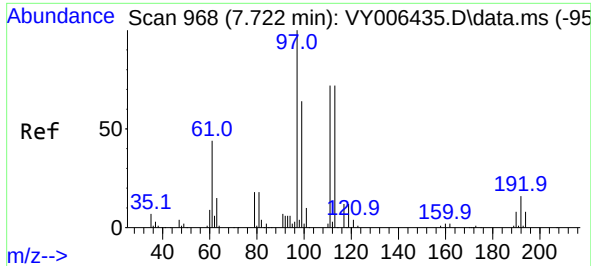
Ion Ratio Lower Upper

114 100

63 25.2 0.0 45.0

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.333 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY006598.D

Acq: 03 Nov 2021 13:33

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124035RE

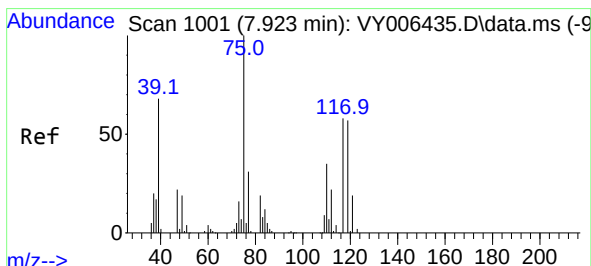
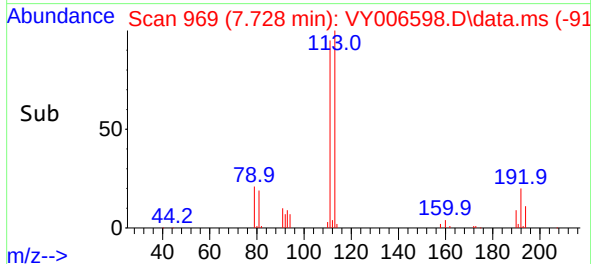
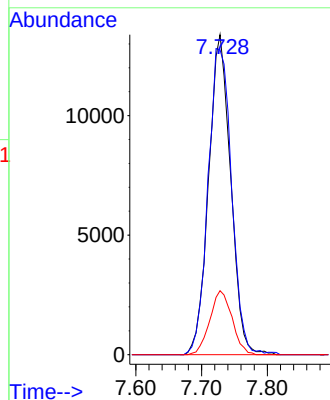
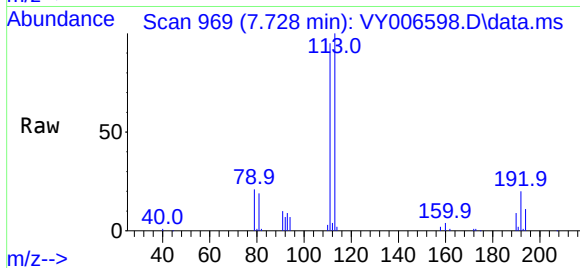
Tgt Ion:113 Resp: 31221

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 20.2 17.4 26.2



#36

1,1-Dichloropropene

Concen: 5.509 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY006598.D

Acq: 03 Nov 2021 13:33

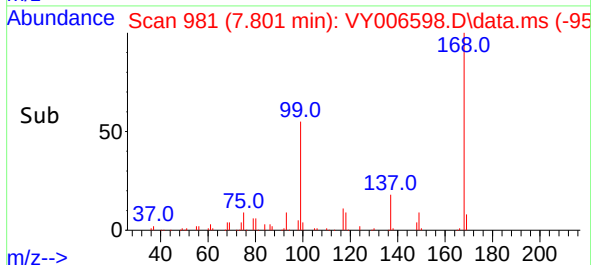
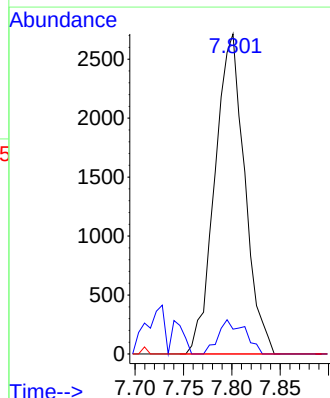
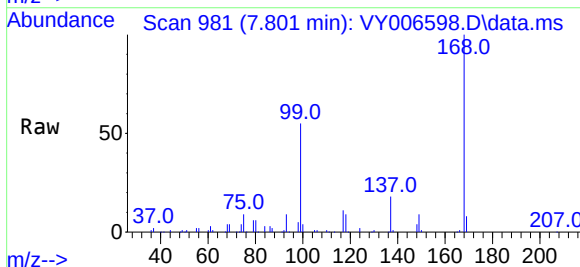
Tgt Ion: 75 Resp: 5826

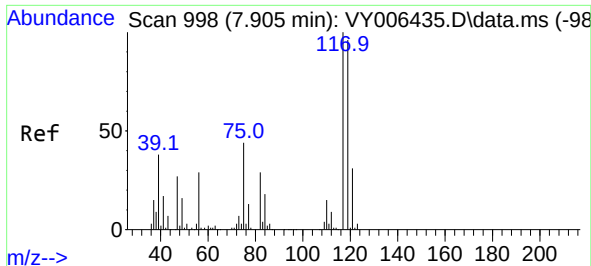
Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.3#

77 0.0 24.9 37.3#

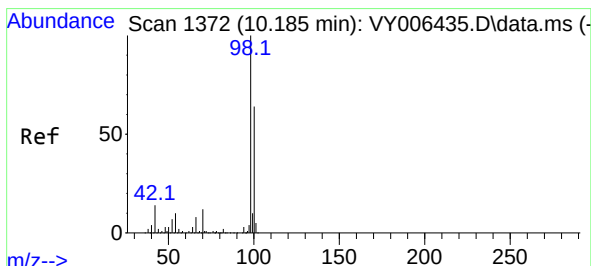
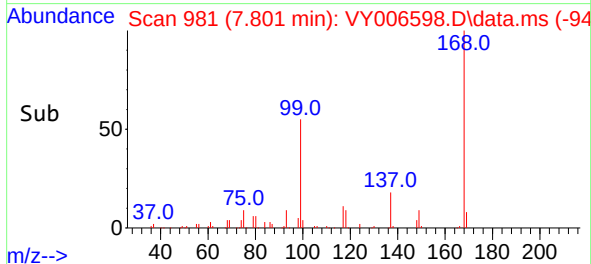
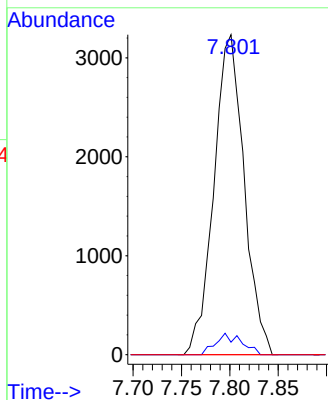
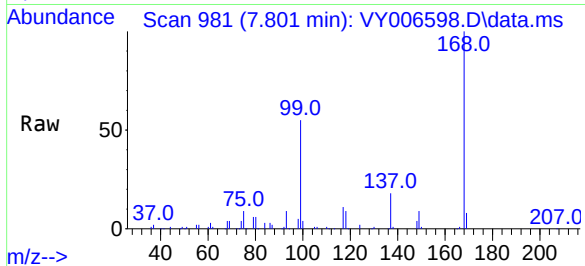




#38
Carbon Tetrachloride
Concen: 6.019 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

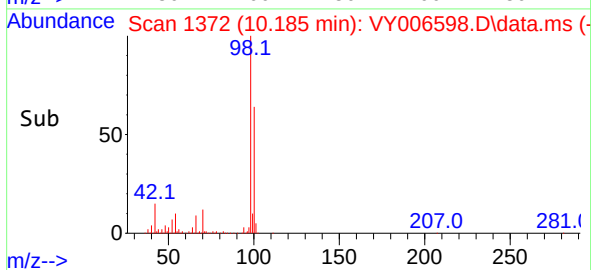
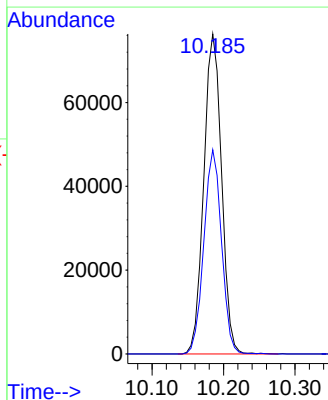
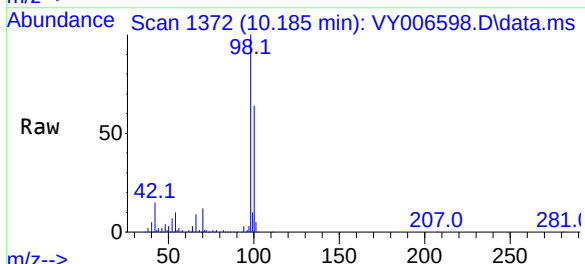
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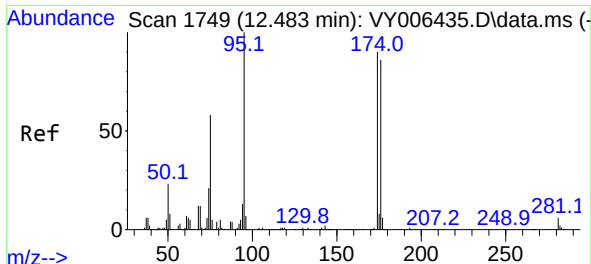
Tgt Ion:117 Resp: 7022
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.149 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion: 98 Resp: 131885
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

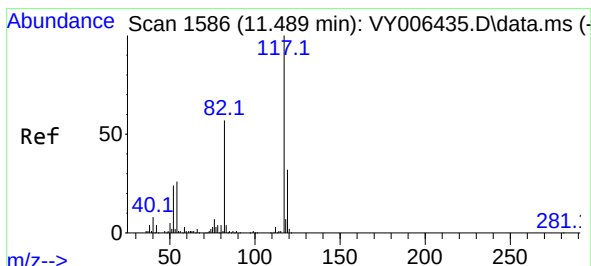
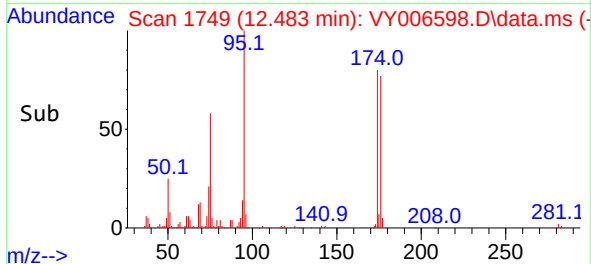
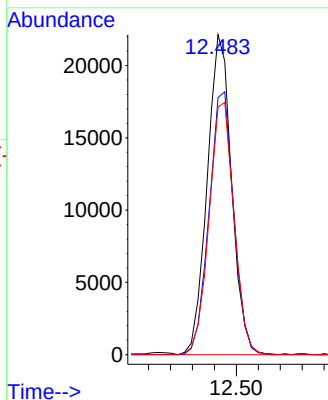
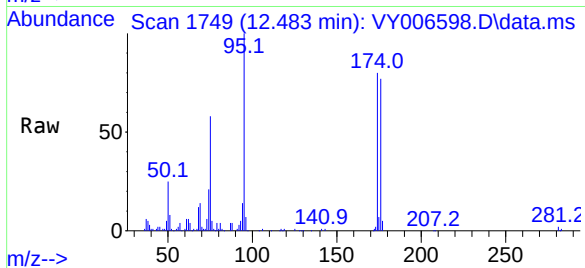




#62
4-Bromofluorobenzene
Concen: 40.124 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

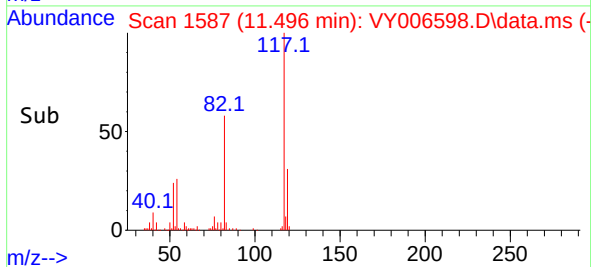
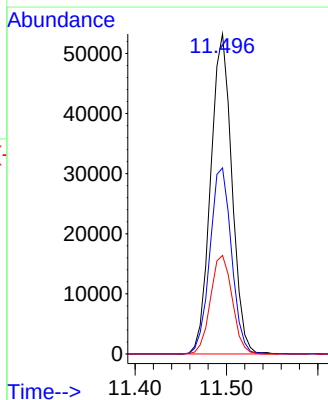
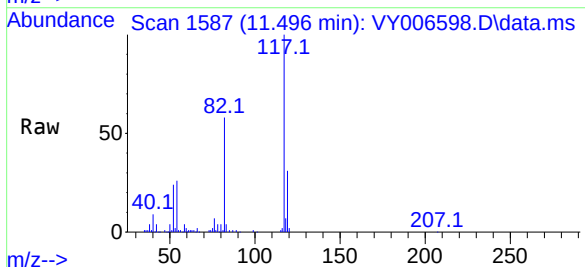
Instrument :
MSVOA_Y
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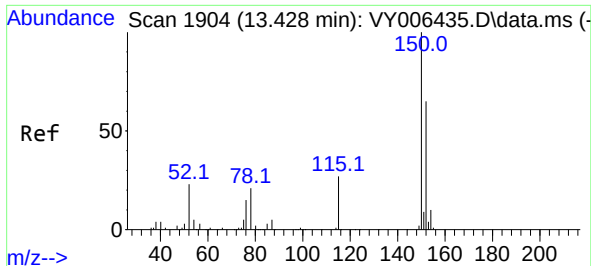
Tgt Ion:	95	Resp:	34182
Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	177.0
176	80.6	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion:	117	Resp:	85748
Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.7	68.5
119	30.8	25.5	38.3

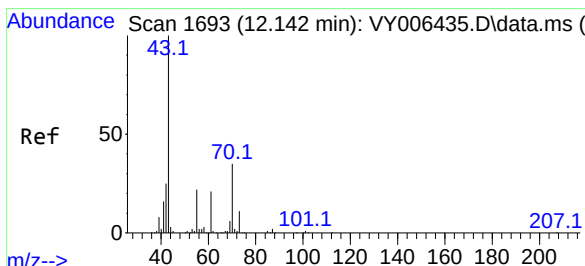
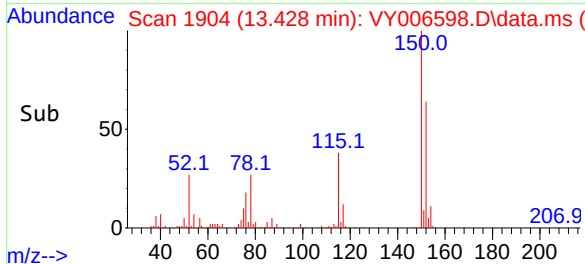
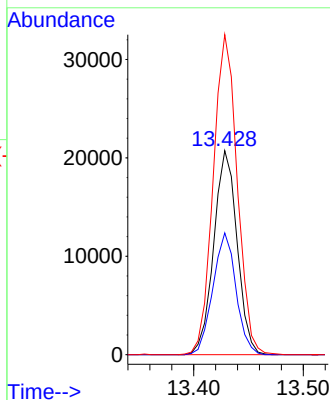
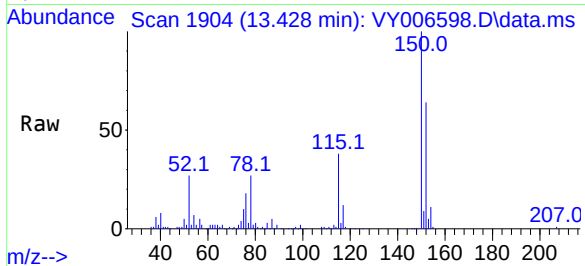




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

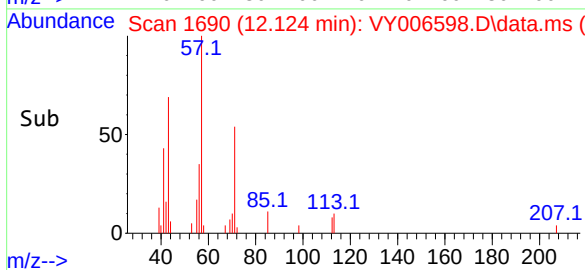
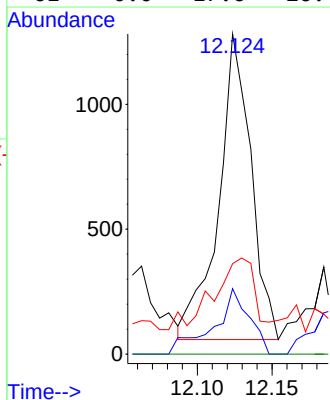
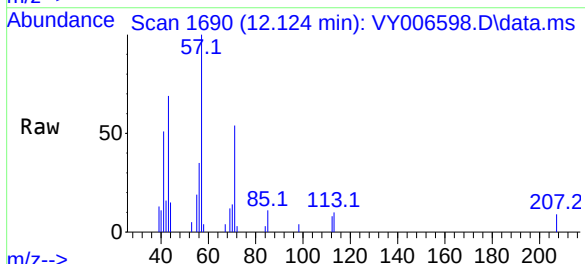
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035RE

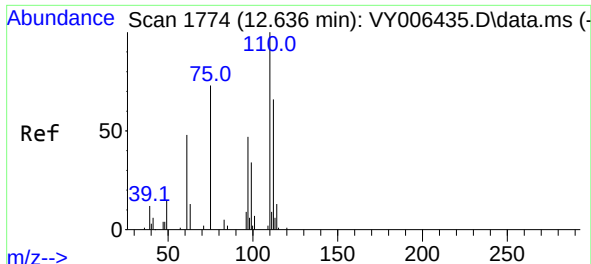
Tgt Ion:152 Resp: 30755
Ion Ratio Lower Upper
152 100
115 59.0 28.5 85.5
150 161.3 0.0 348.2



#74
N-ethyl acetate
Concen: 2.585 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
70 23.6 29.4 44.0#
55 37.3 18.1 27.1#
61 0.0 17.6 26.4#

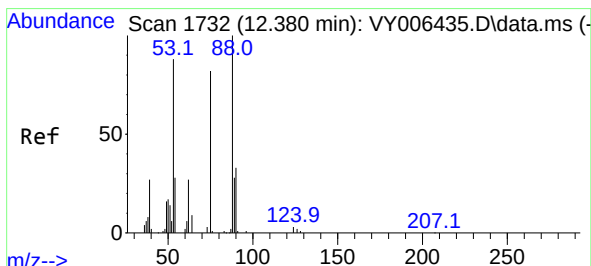
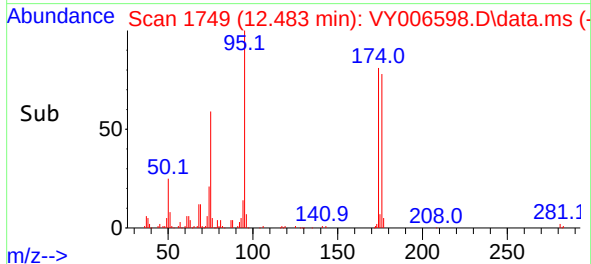
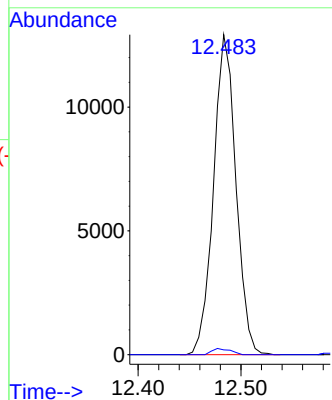
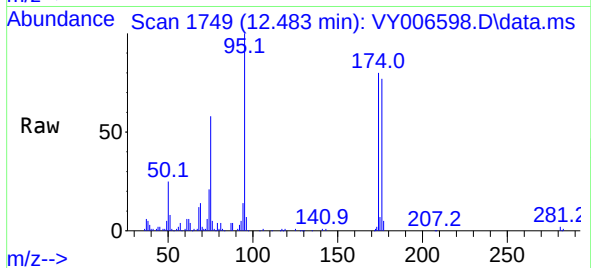




#76
1,2,3-Trichloropropane
Concen: 61.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

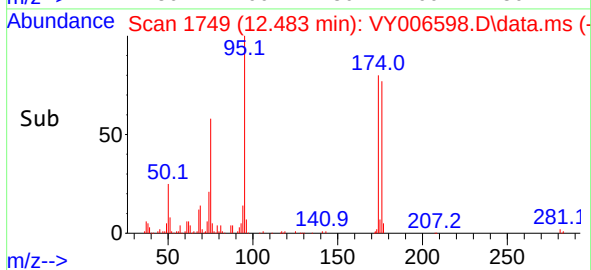
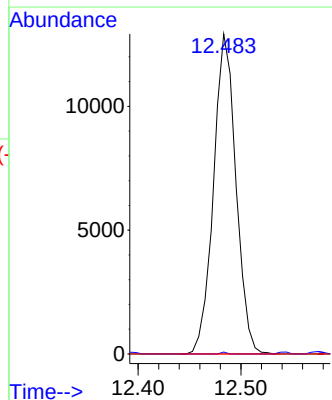
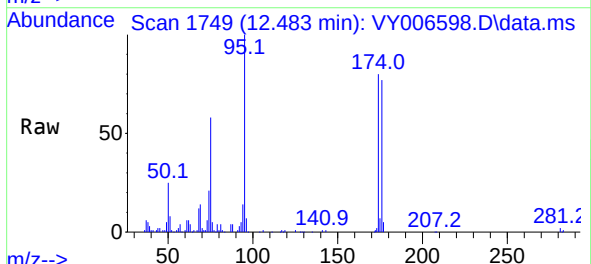
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035RE

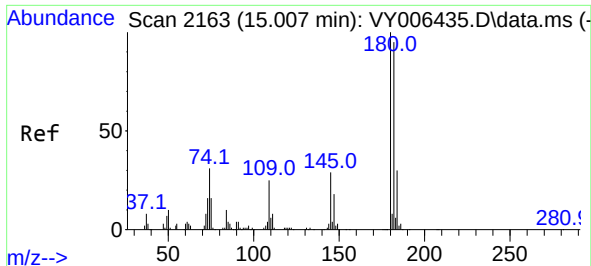
Tgt Ion: 75 Resp: 19534
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion: 75 Resp: 19534
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

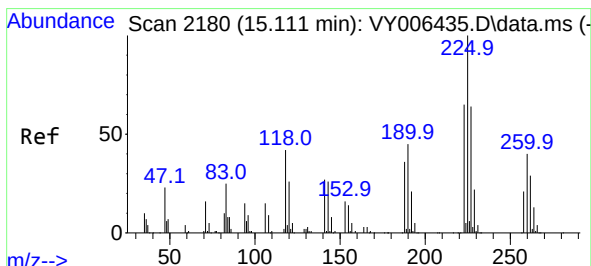
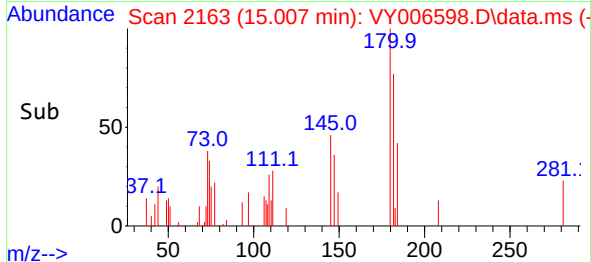
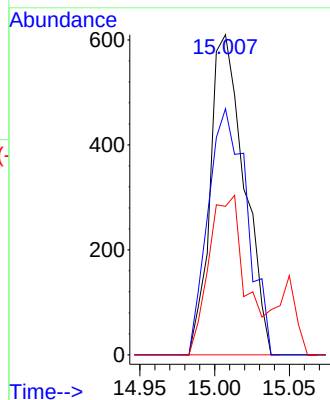
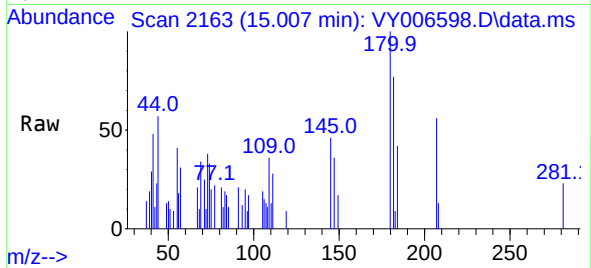




#93
1,2,4-Trichlorobenzene
Concen: 1.643 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

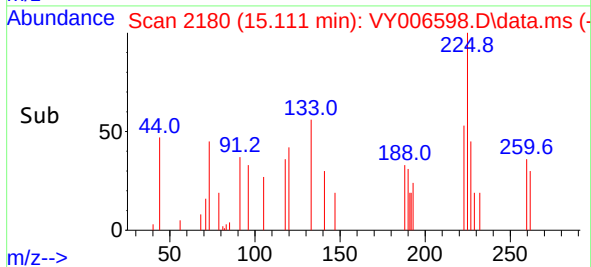
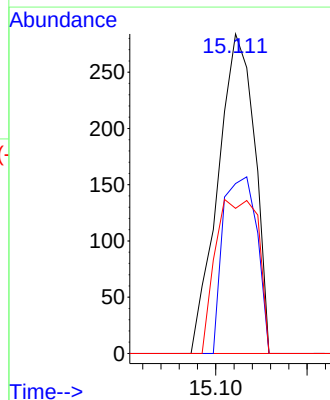
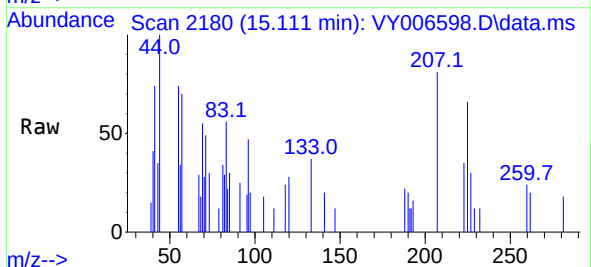
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035RE

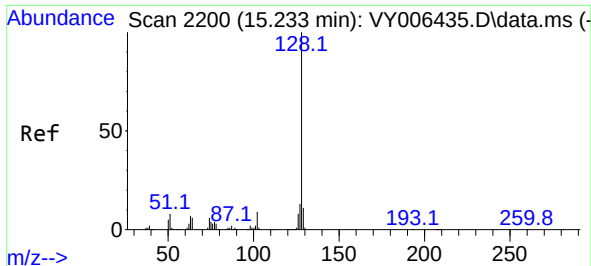
Tgt Ion:180 Resp: 968
Ion Ratio Lower Upper
180 100
182 87.4 47.1 141.4
145 52.8 14.5 43.6#



#94
Hexachlorobutadiene
Concen: 1.052 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion:225 Resp: 397
Ion Ratio Lower Upper
225 100
223 51.1 31.6 94.7
227 55.9 31.9 95.9

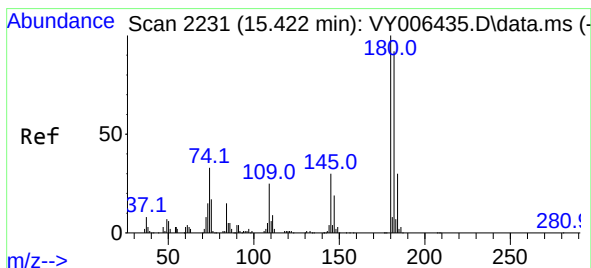
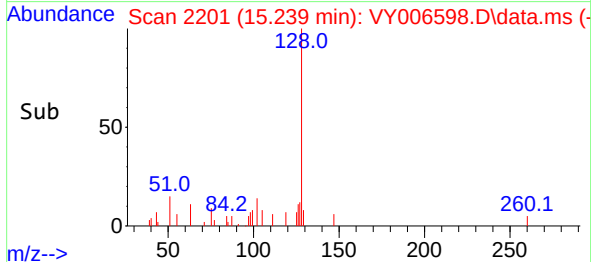
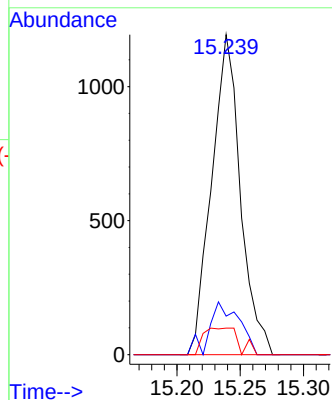
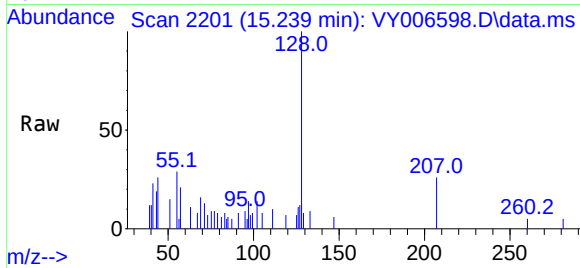




#95
Naphthalene
Concen: 1.636 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035RE

Tgt Ion:128 Resp: 1886
Ion Ratio Lower Upper
128 100
127 17.1 11.0 16.4#
129 10.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 1.754 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY006598.D
Acq: 03 Nov 2021 13:33

Tgt Ion:180 Resp: 905
Ion Ratio Lower Upper
180 100
182 103.4 47.8 143.4
145 64.1 15.3 45.8#

