

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011646.D
 Acq On : 30 Nov 2022 17:12
 Operator : KP/MD
 Sample : N5806-12
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 01 05:25:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

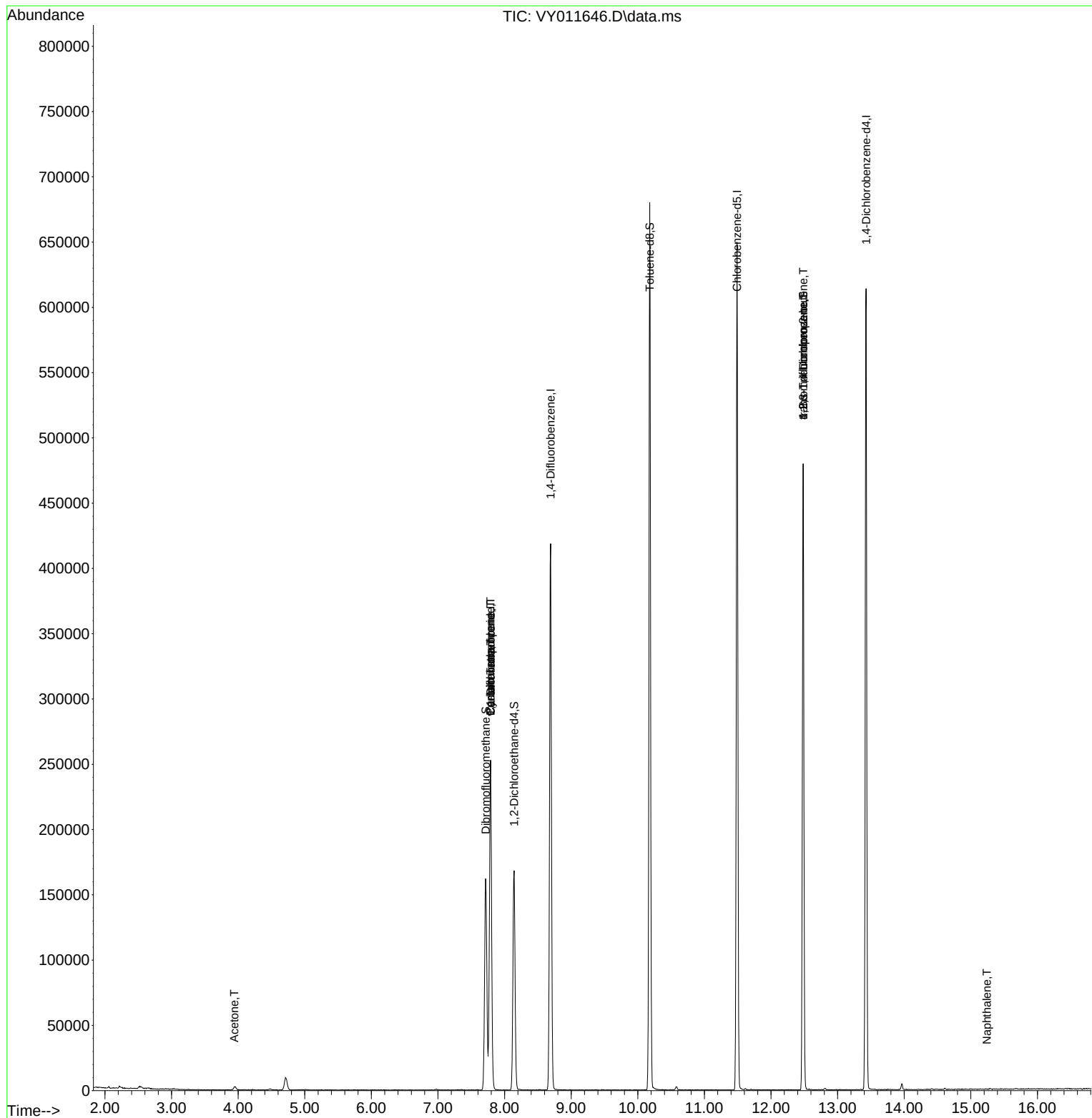
Internal Standards						
1) Pentafluorobenzene	7.789	168	188994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	349406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133219	69.420	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.840%			
35) Dibromofluoromethane	7.716	113	113081	52.573	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.140%			
50) Toluene-d8	10.179	98	426978	54.627	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.483	95	145323	50.287	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.580%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	262	Below Cal		91
5) Bromomethane	2.674	94	219	Below Cal	#	4
11) Tert butyl alcohol	4.942	59	420	Below Cal	#	77
16) Acetone	3.942	43	4428	7.104	ug/l	92
18) Methyl Acetate	4.478	43	1518	Below Cal		96
20) Methylene Chloride	4.710	84	6898	Below Cal		88
31) Cyclohexane	7.789	56	3939	1.238	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	14673	4.364	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18931	5.033	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	76343	45.182	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76343	98.963	ug/l #	7
95) Naphthalene	15.239	128	254	4.062	ug/l #	69

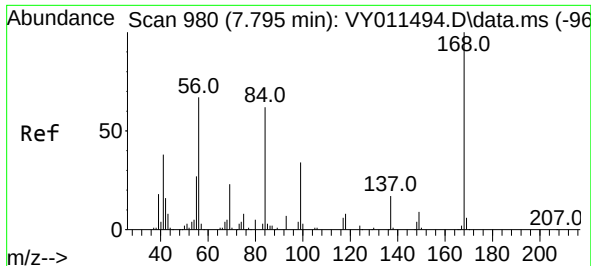
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Quant Time: Dec 01 05:25:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

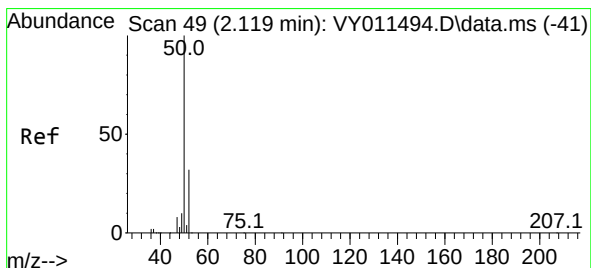
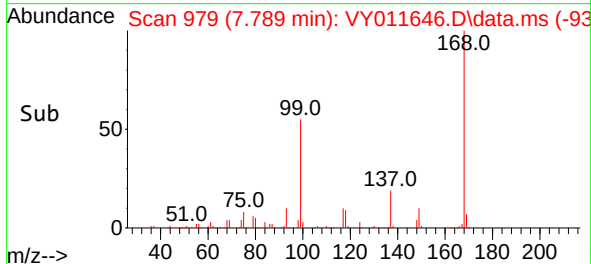
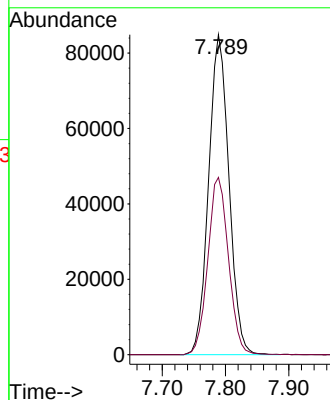
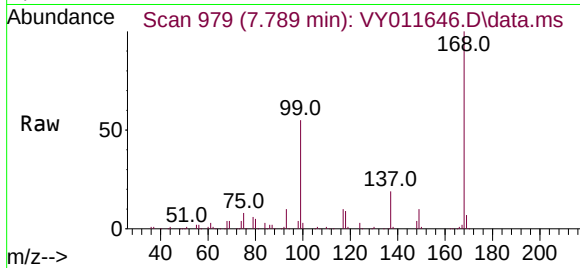




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

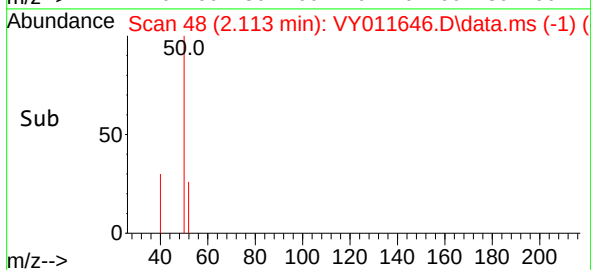
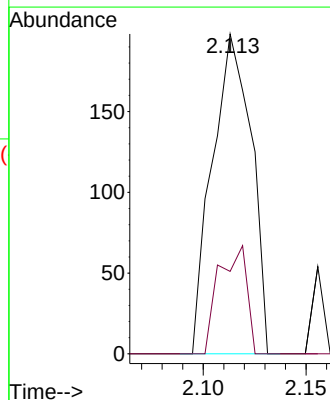
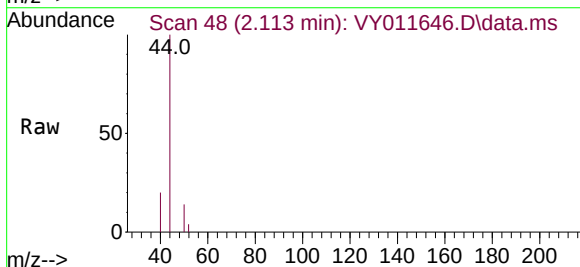
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

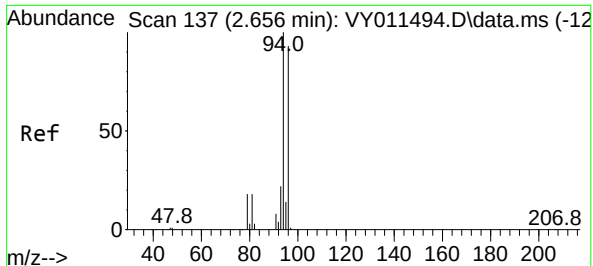
Tgt Ion:168 Resp: 188994
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 50 Resp: 262
Ion Ratio Lower Upper
50 100
52 25.8 24.6 37.0

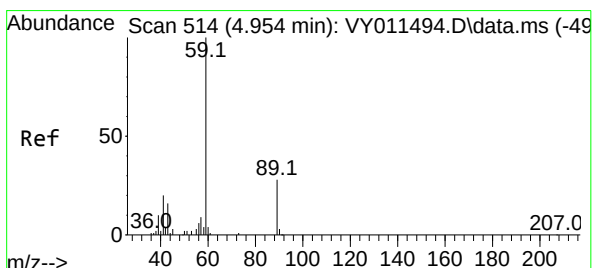
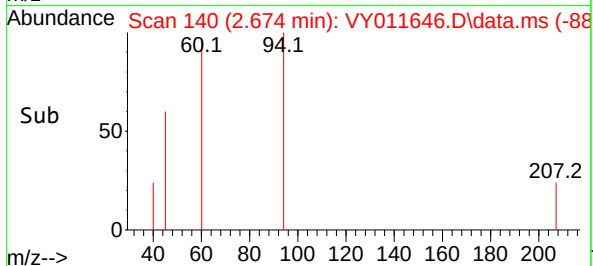
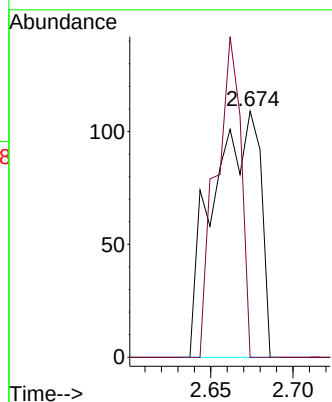
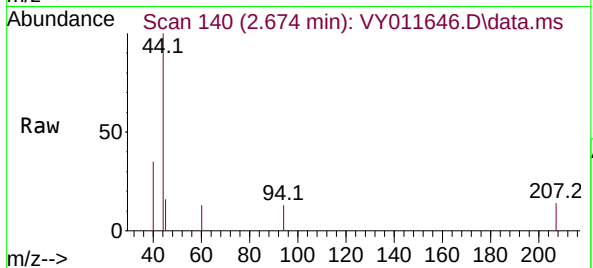




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

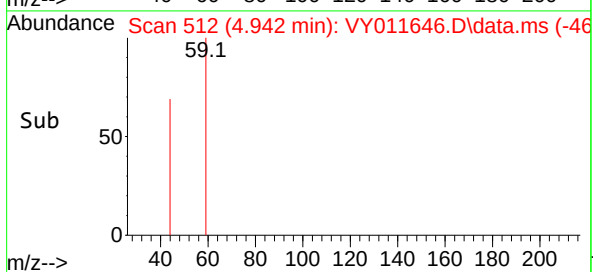
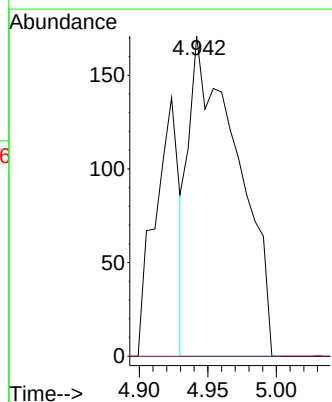
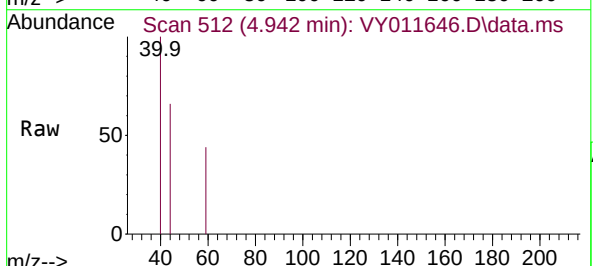
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

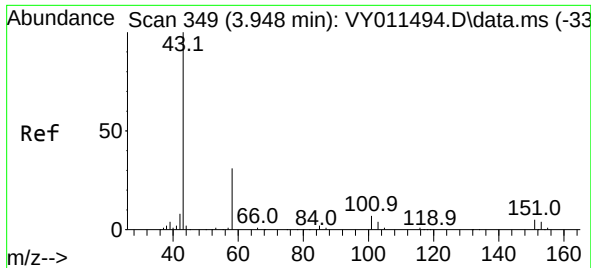
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

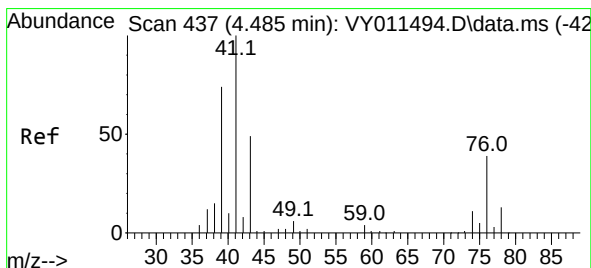
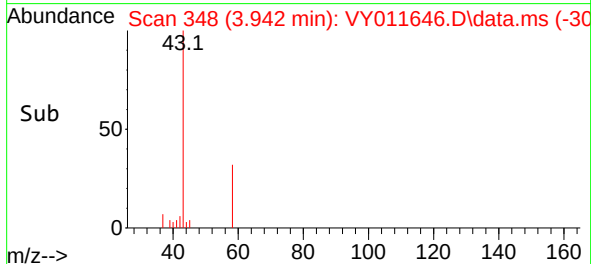
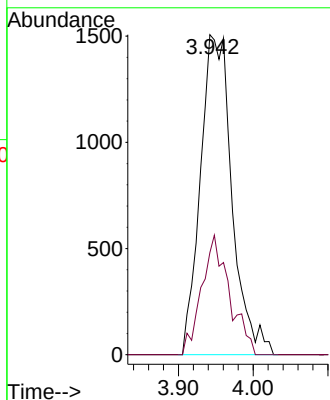
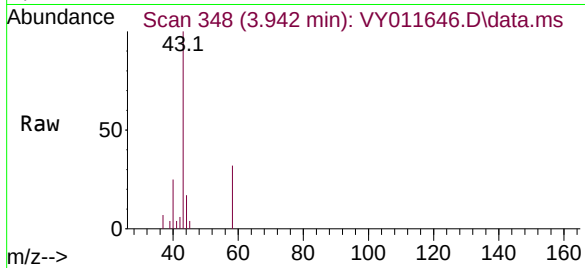




#16
Acetone
Concen: 7.104 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

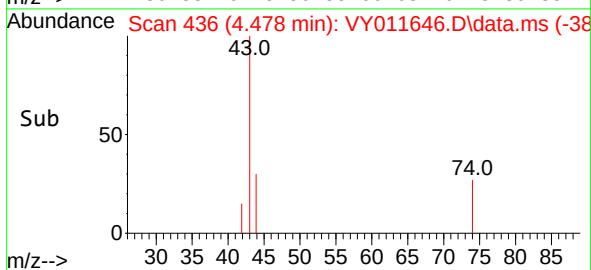
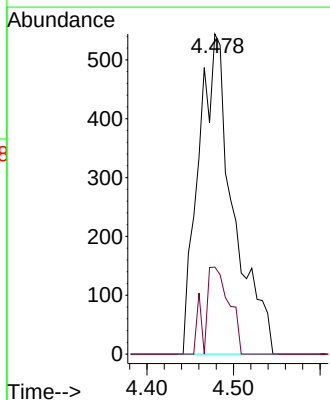
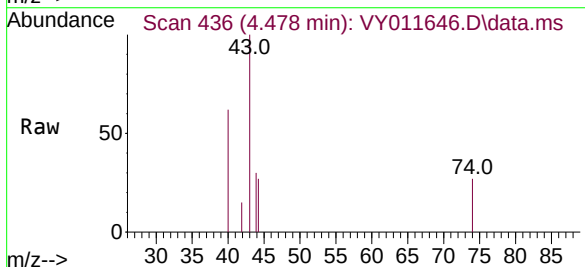
Instrument :
MSVOA_Y
ClientSampleId :
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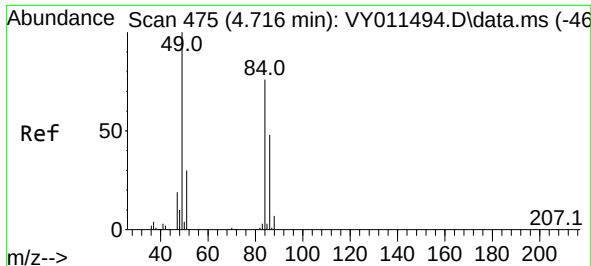
Tgt Ion: 43 Resp: 4428
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. -0.007 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
74 19.0 16.6 24.8



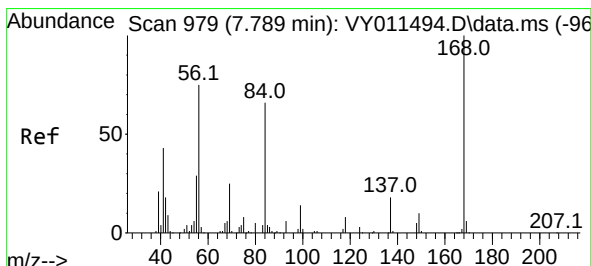
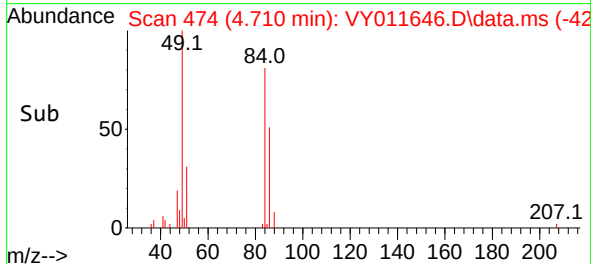
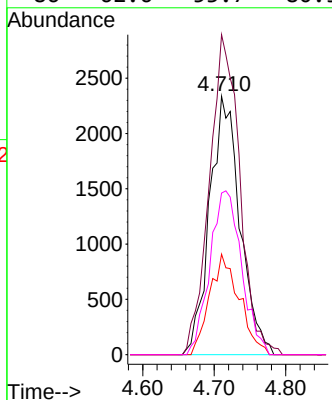
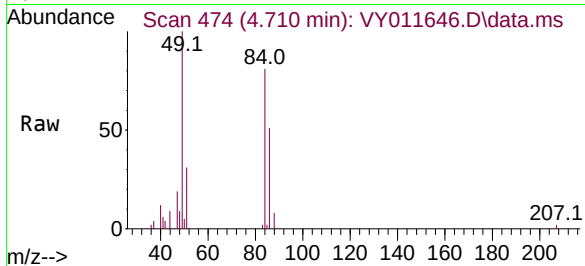


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 6898

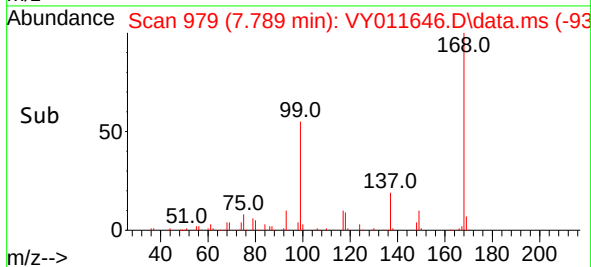
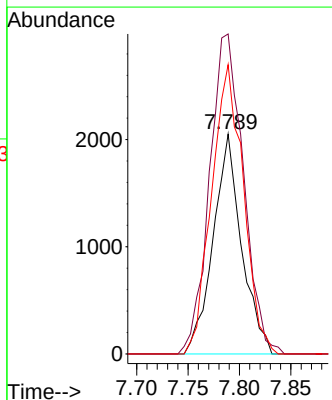
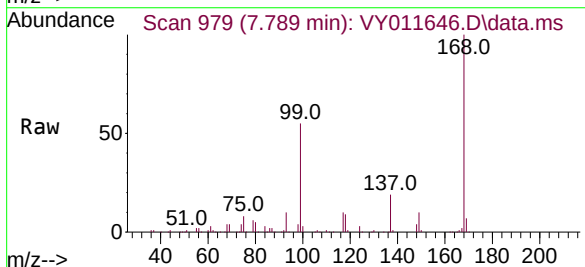
Ion	Ratio	Lower	Upper
84	100		
49	123.8	114.4	171.6
51	38.9	35.3	52.9
86	62.6	53.7	80.5

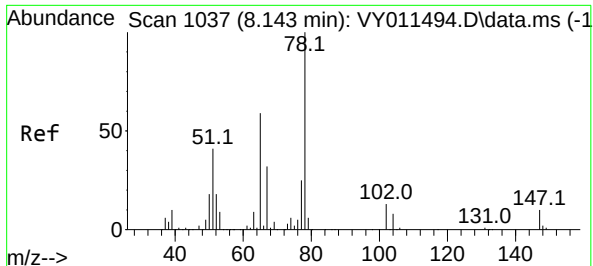


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 56 Resp: 3939

Ion	Ratio	Lower	Upper
56	100		
69	145.6	26.7	40.1#
84	131.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.420 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011646.D

Acq: 30 Nov 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

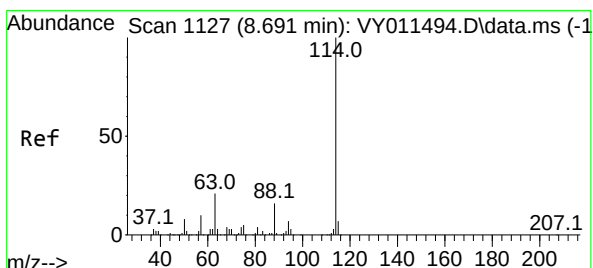
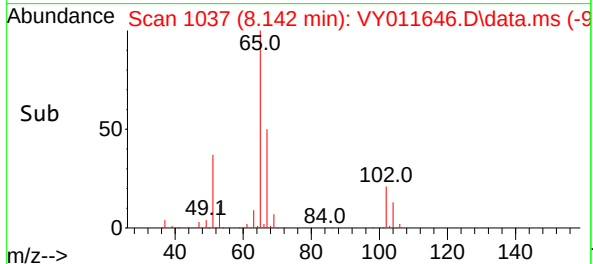
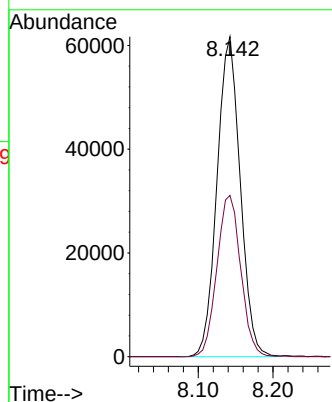
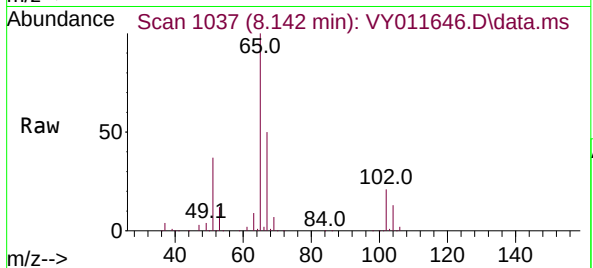
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Tgt Ion: 65 Resp: 133219

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011646.D

Acq: 30 Nov 2022 17:12

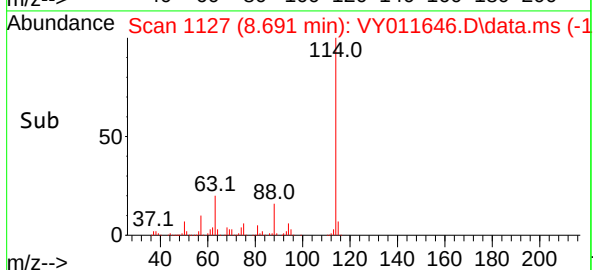
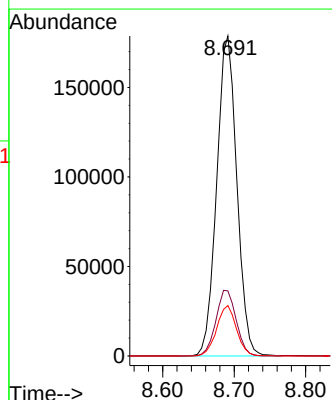
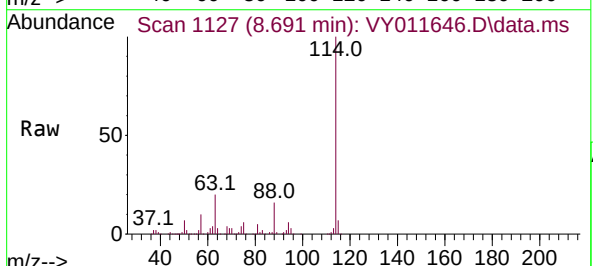
Tgt Ion: 114 Resp: 349406

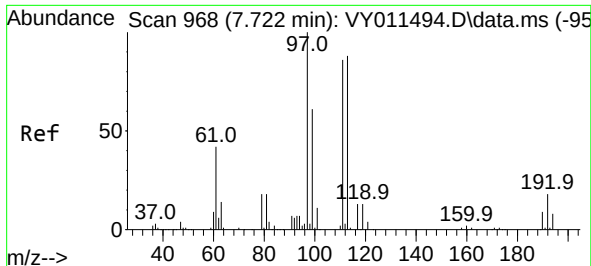
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.573 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY011646.D

Acq: 30 Nov 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

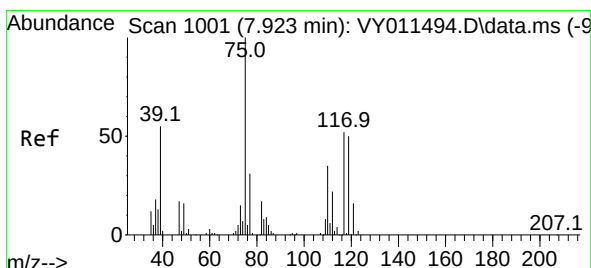
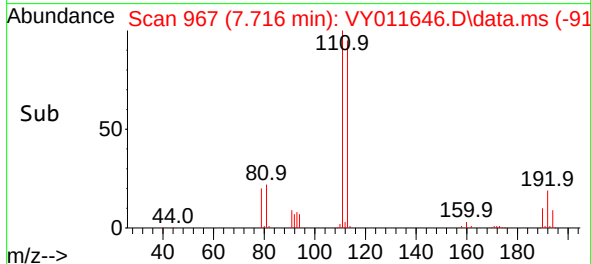
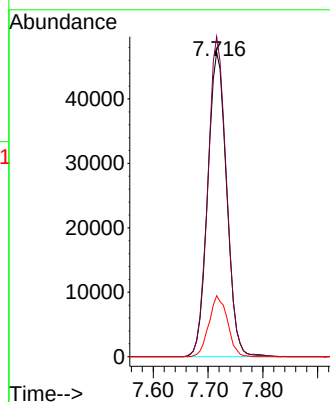
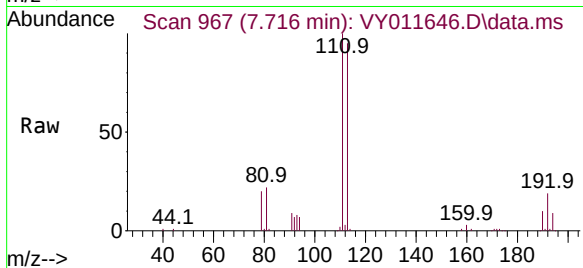
Tgt Ion:113 Resp: 113081

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.6 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.364 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY011646.D

Acq: 30 Nov 2022 17:12

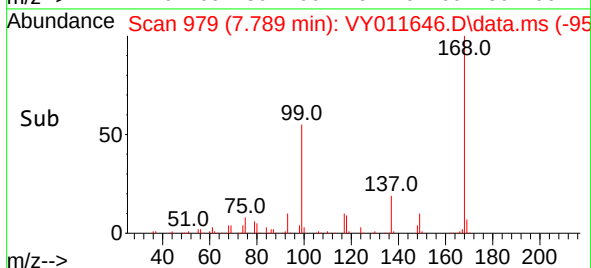
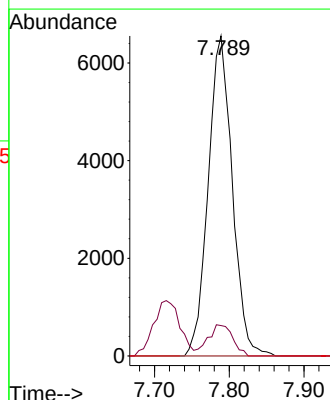
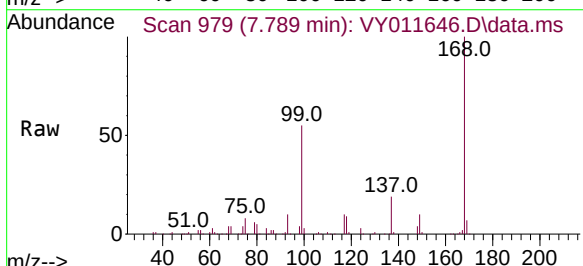
Tgt Ion: 75 Resp: 14673

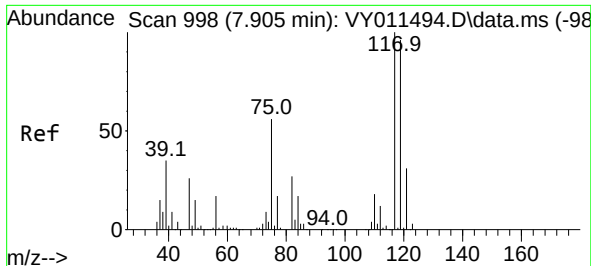
Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.2#

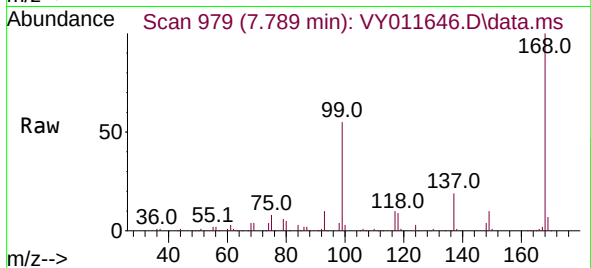
77 0.0 24.4 36.6#



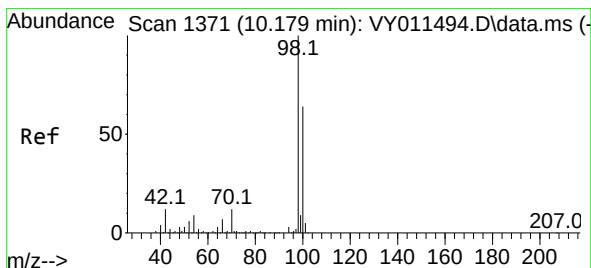
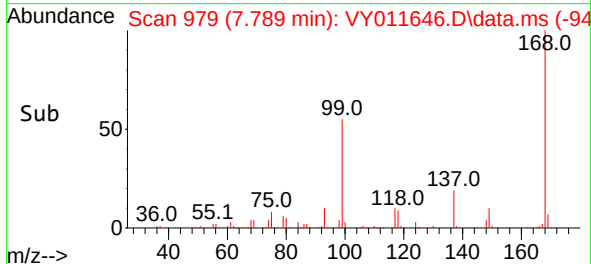
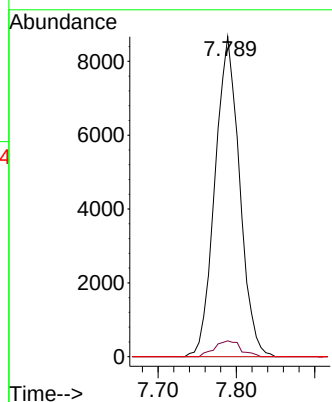


#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

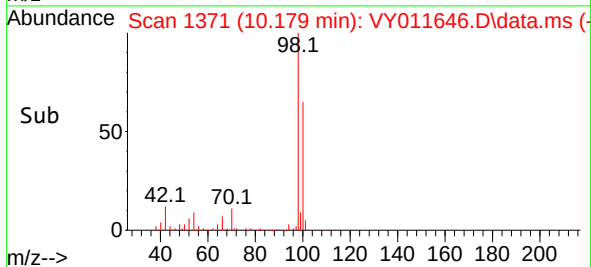
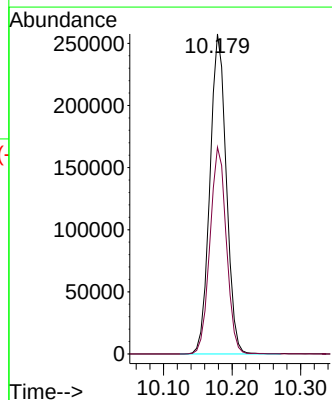
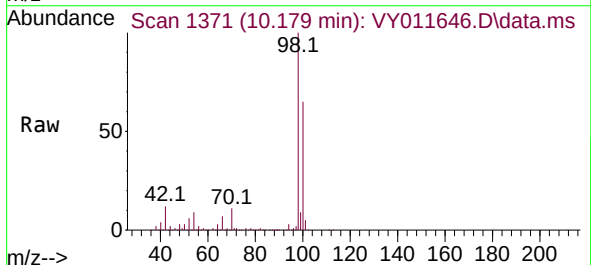


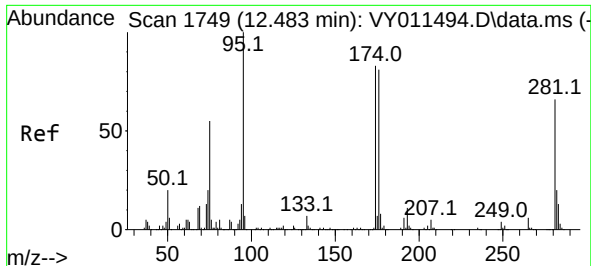
Tgt Ion:117 Resp: 18931
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.627 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 98 Resp: 426978
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

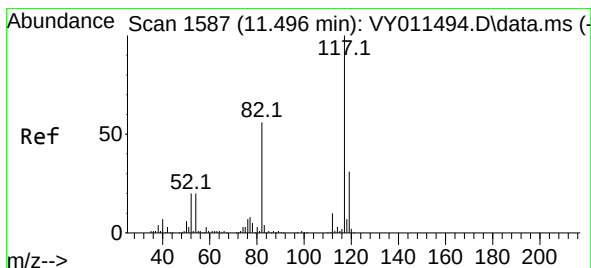
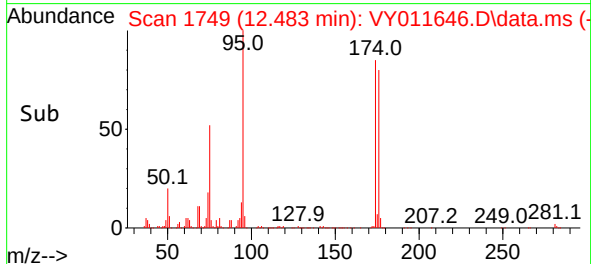
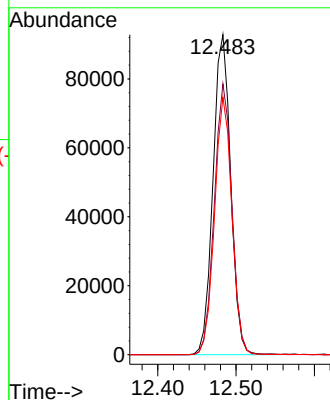
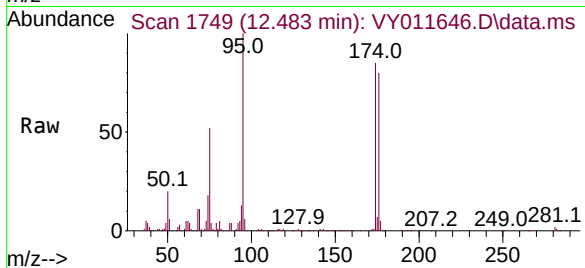




#62
4-Bromofluorobenzene
Concen: 50.287 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

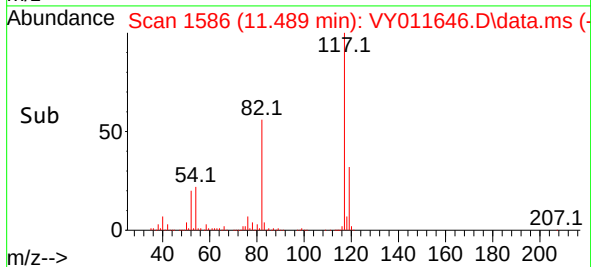
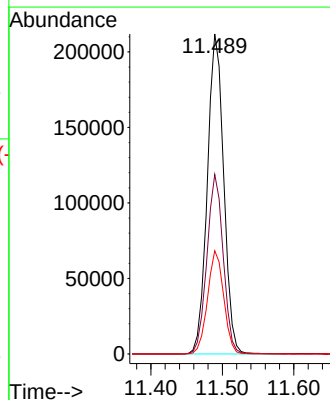
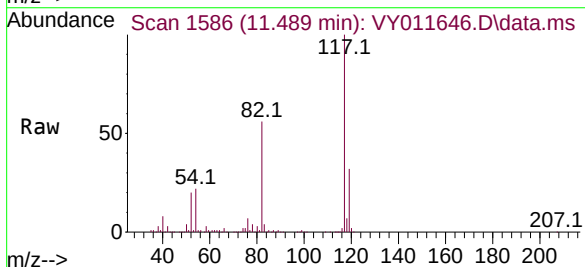
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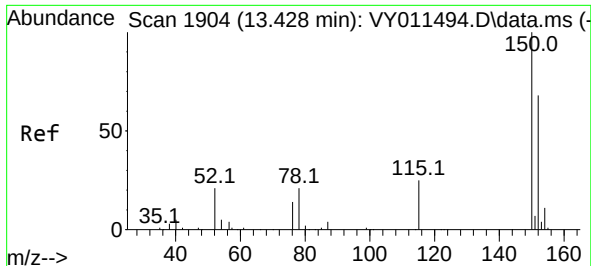
Tgt Ion: 95 Resp: 145323
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 117 Resp: 337314
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 32.3 25.4 38.0

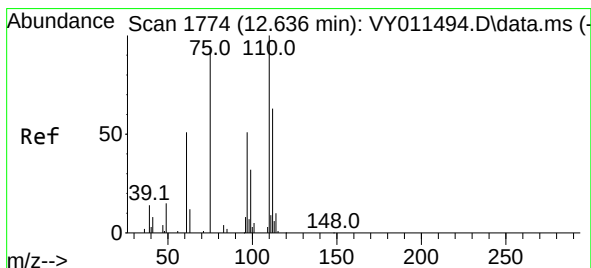
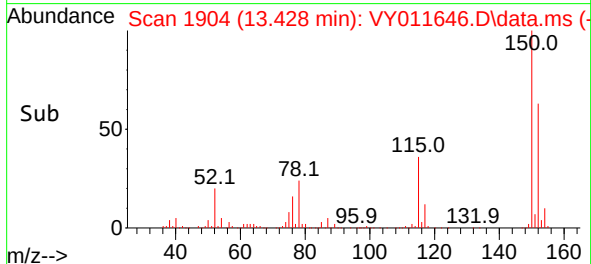
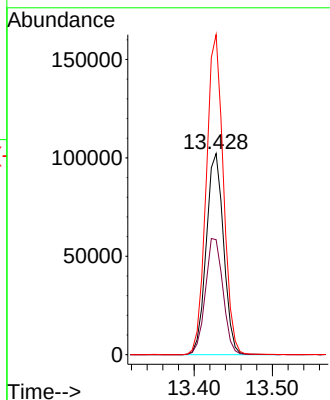
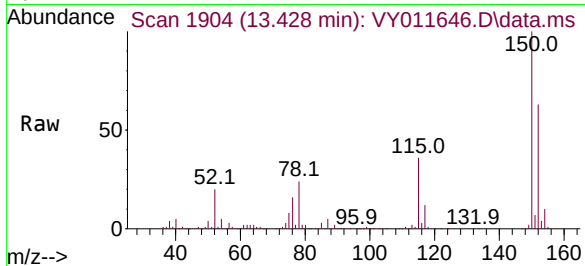




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011646.D
 Acq: 30 Nov 2022 17:12

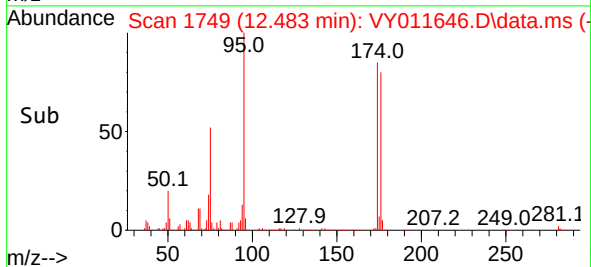
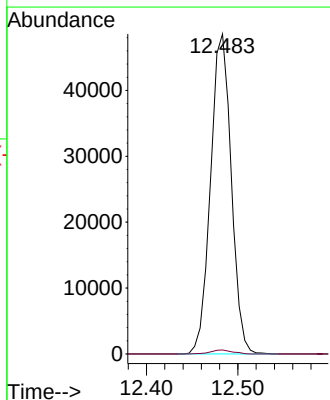
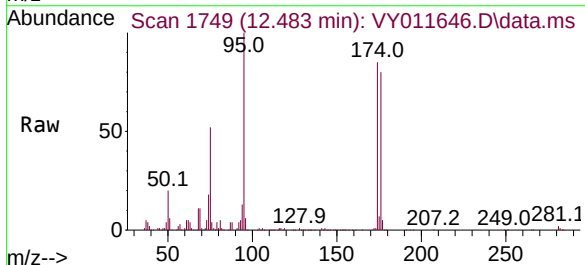
Instrument :
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 ClientSampleId :
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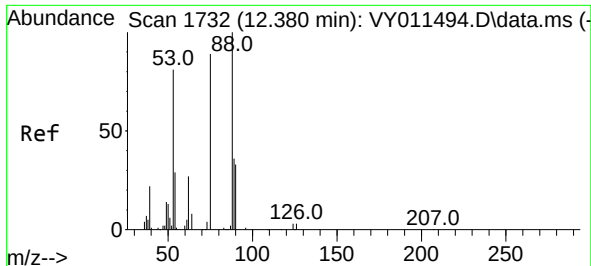
Tgt Ion:152 Resp: 156899
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.182 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011646.D
 Acq: 30 Nov 2022 17:12

Tgt Ion: 75 Resp: 76343
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

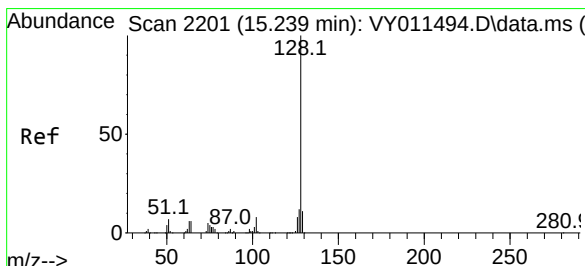
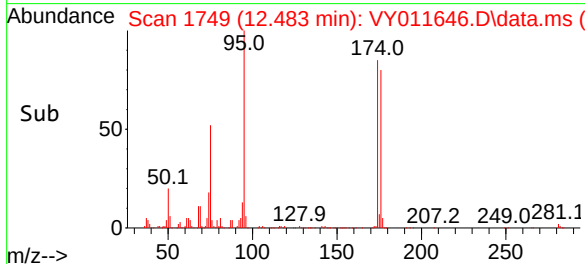
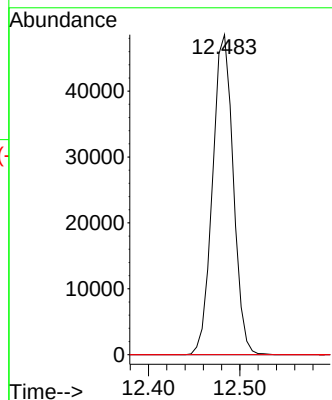
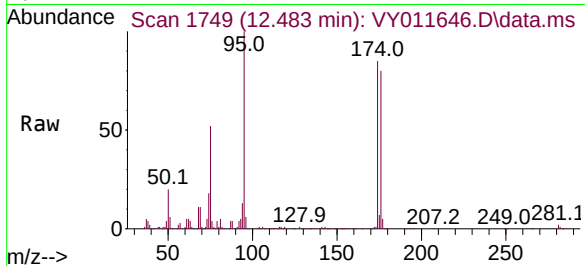




#81
trans-1,4-Dichloro-2-butene
Concen: 98.963 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 76343
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.062 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 128 Resp: 254
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

