

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008548.D
 Acq On : 28 Apr 2022 15:23
 Operator : KP/MD
 Sample : N2569-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-042622

Quant Time: Apr 29 02:01:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

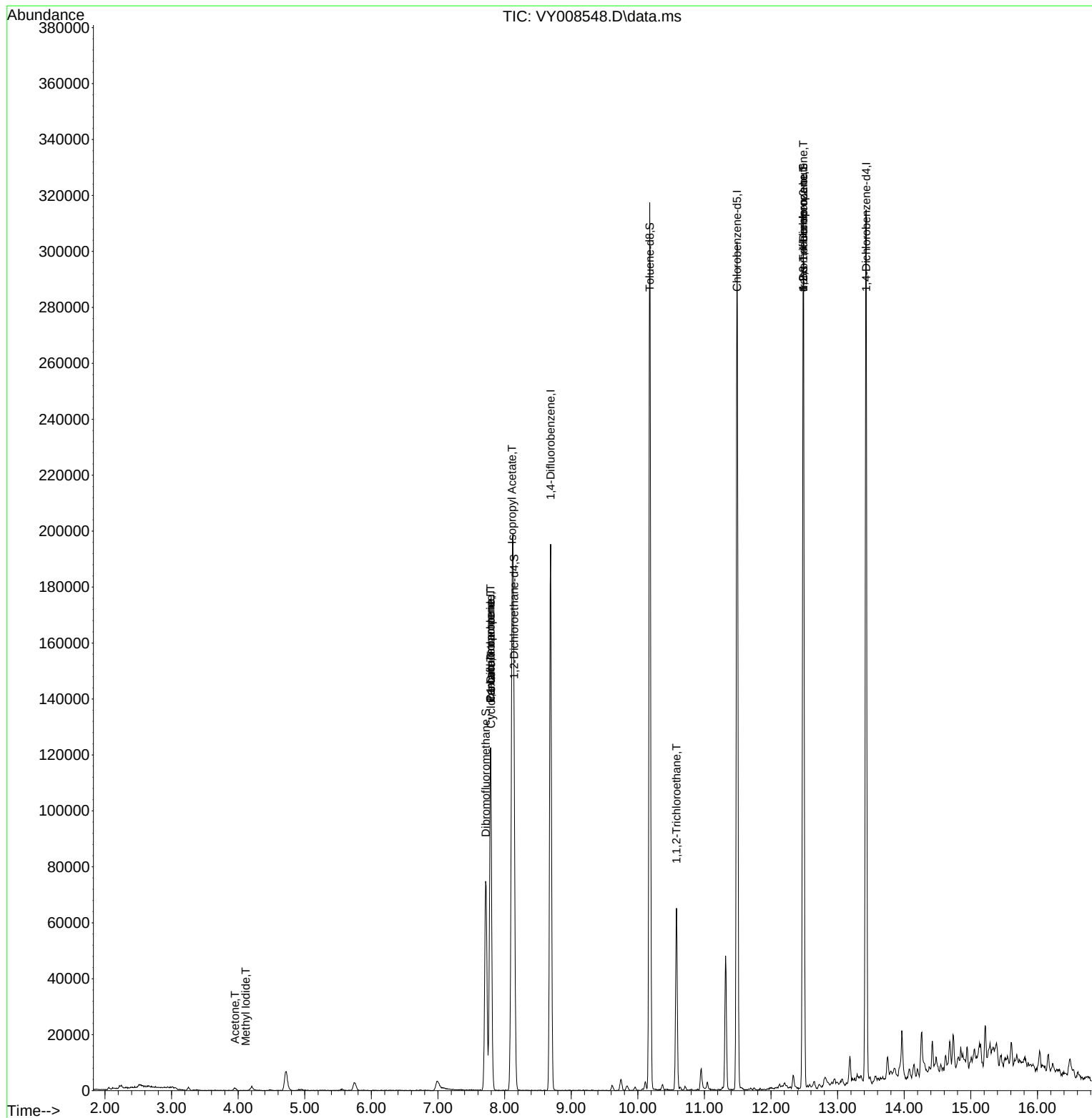
Internal Standards						
1) Pentafluorobenzene	7.789	168	93975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55398	50.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.200%	
35) Dibromofluoromethane	7.716	113	53613	48.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.880%	
50) Toluene-d8	10.179	98	210130	47.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	12.483	95	75074	50.369	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.740%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	45	1.723	ug/l #	35
11) Tert butyl alcohol	4.954	59	961	Below Cal	#	77
16) Acetone	3.954	43	1560	6.057	ug/l #	76
20) Methylene Chloride	4.716	84	5423	Below Cal	#	78
31) Cyclohexane	7.795	56	1856	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7680	4.362	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9587	5.241	ug/l #	15
43) Isopropyl Acetate	8.112	43	3673	2.051	ug/l #	1
55) 1,1,2-Trichloroethane	10.581	97	1468	1.245	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	41899	40.604	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41899	94.197	ug/l #	8

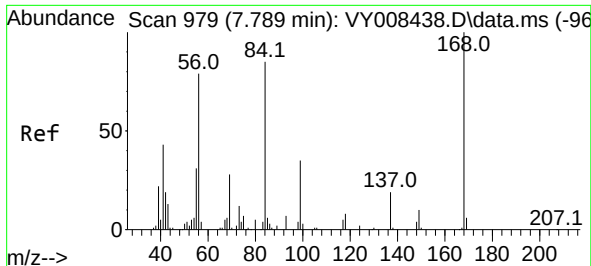
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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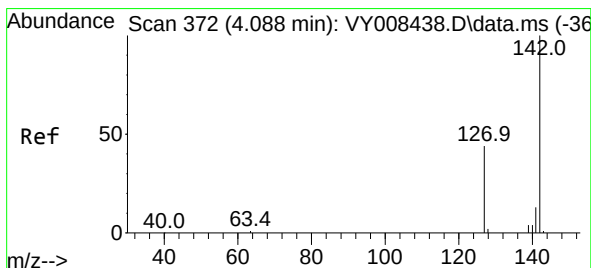
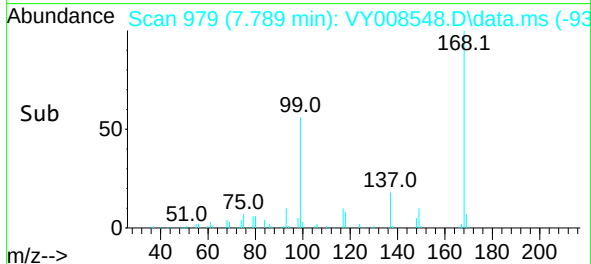
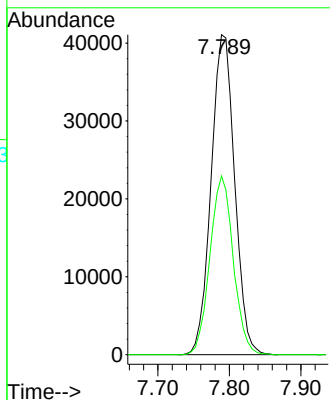
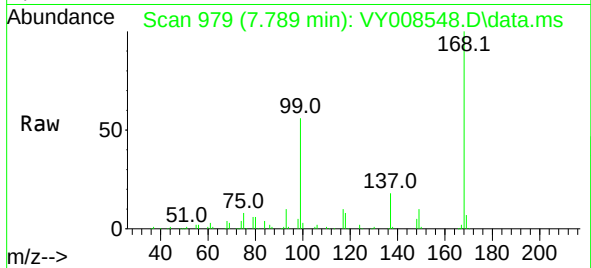




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

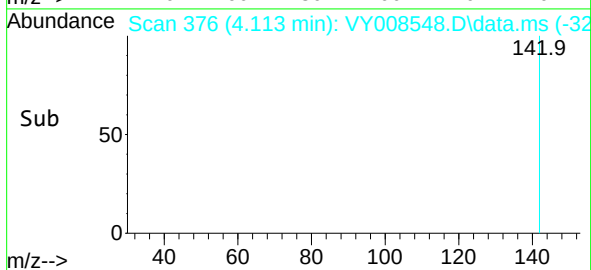
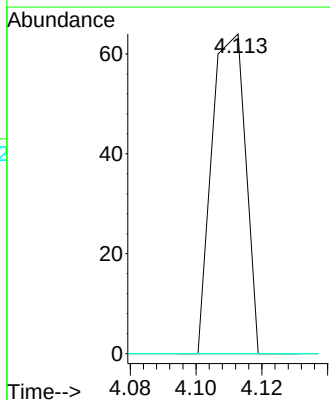
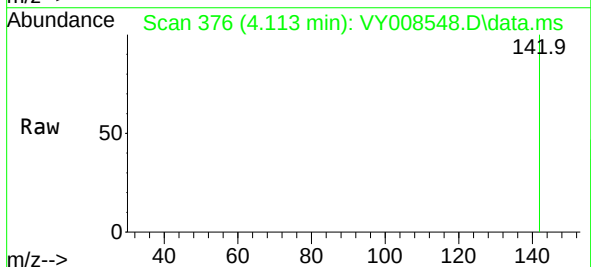
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-042622

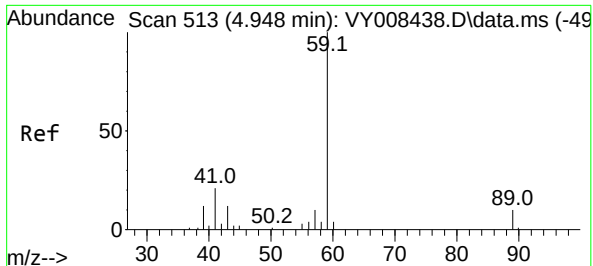
Tgt Ion:168 Resp: 93975
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.723 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

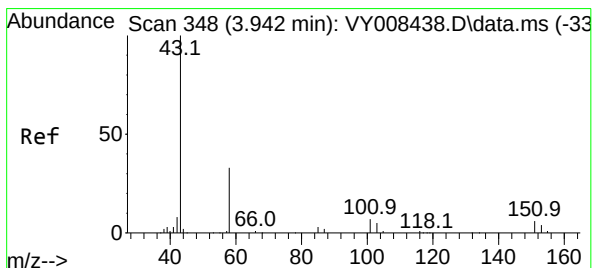
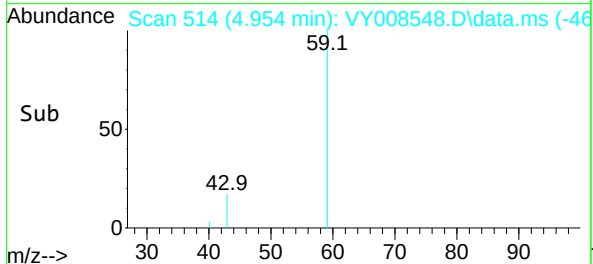
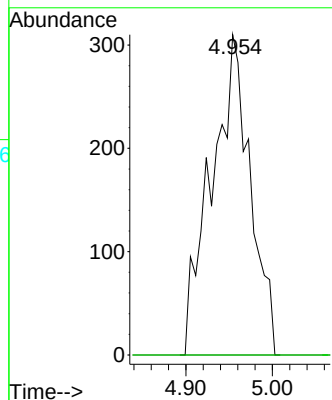
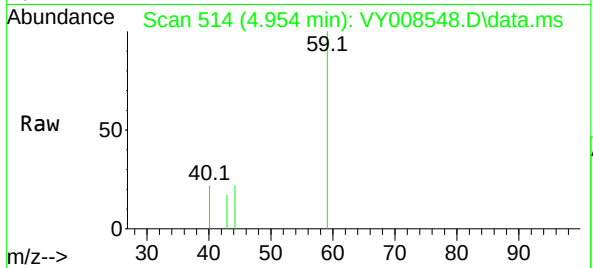




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

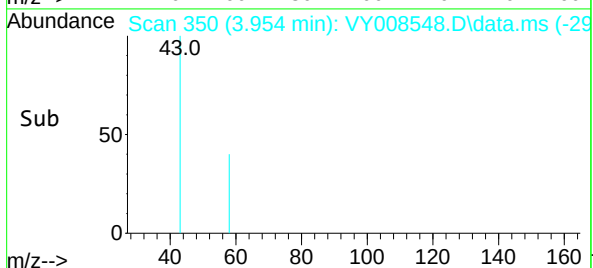
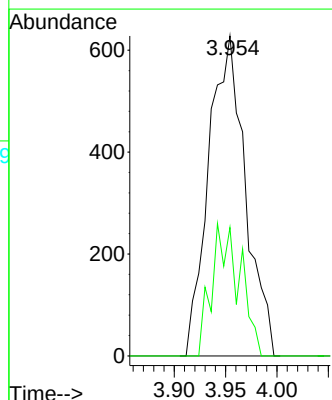
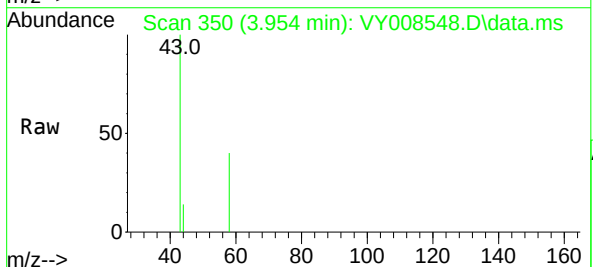
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-042622

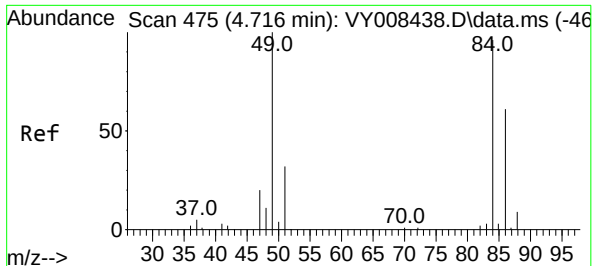
Tgt Ion: 59 Resp: 961
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 6.057 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 40.1 22.0 33.0#

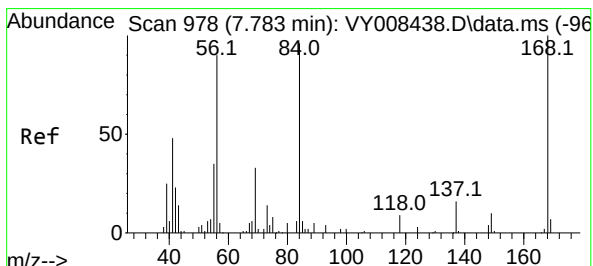
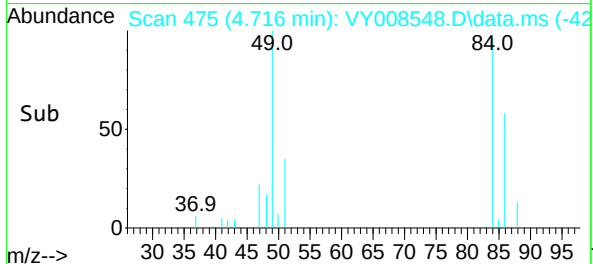
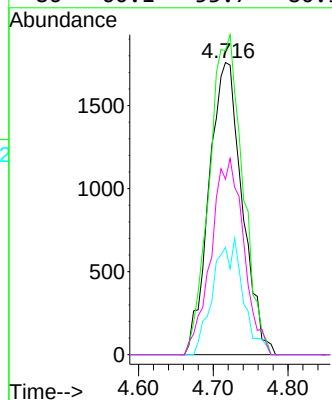
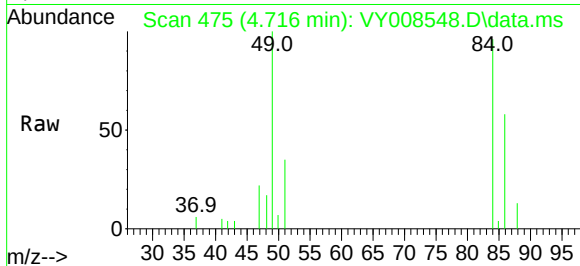




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

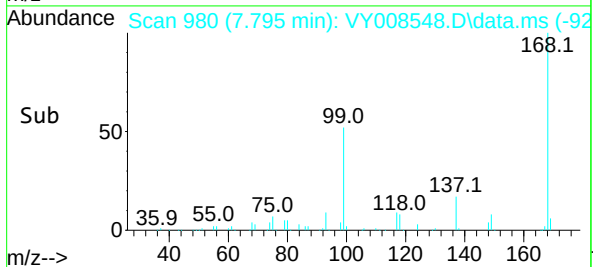
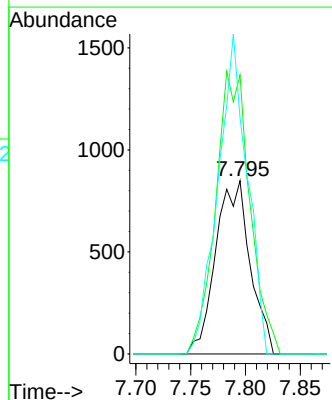
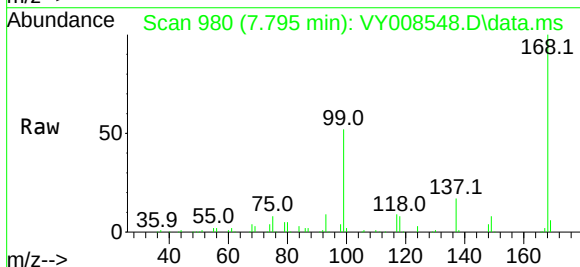
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-042622

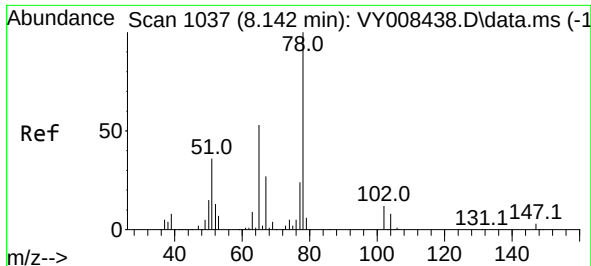
Tgt Ion:	84	Resp:	5423
Ion	Ratio	Lower	Upper
84	100		
49	104.1	114.4	171.6#
51	36.7	35.3	52.9
86	60.1	53.7	80.5



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

Tgt Ion:	56	Resp:	1856
Ion	Ratio	Lower	Upper
56	100		
69	161.0	26.7	40.1#
84	136.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008548.D

Acq: 28 Apr 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

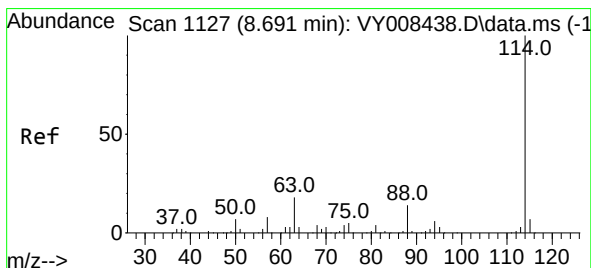
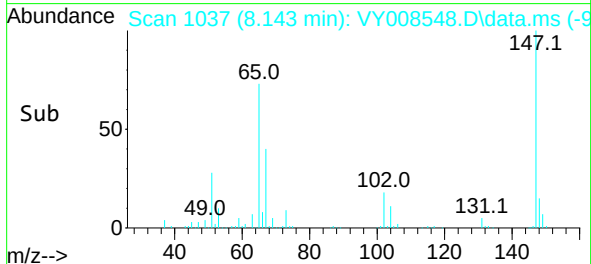
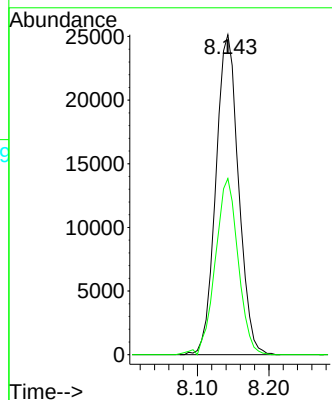
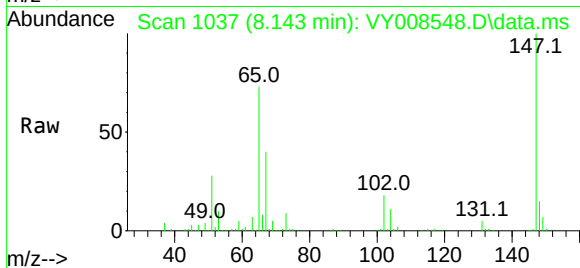
OR-02-042622

Tgt Ion: 65 Resp: 55398

Ion Ratio Lower Upper

65 100

67 55.4 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: VY008548.D

Acq: 28 Apr 2022 15:23

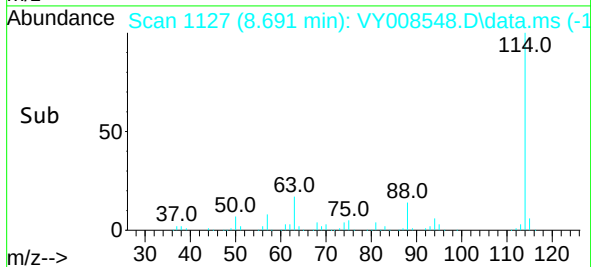
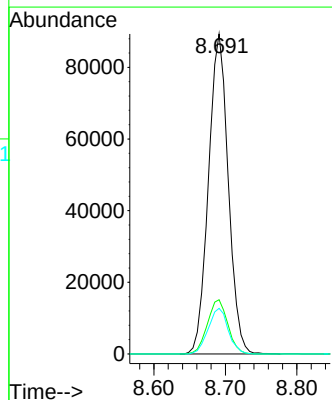
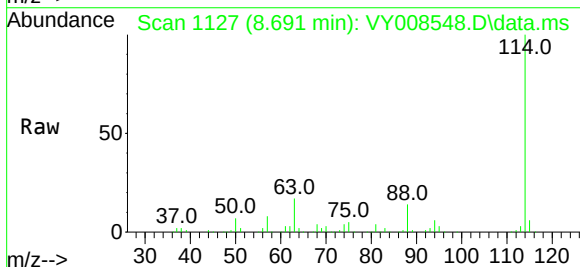
Tgt Ion: 114 Resp: 171508

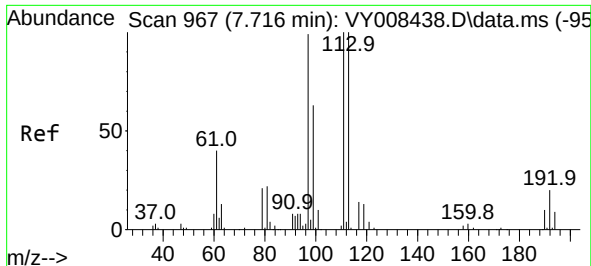
Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.2 0.0 31.8

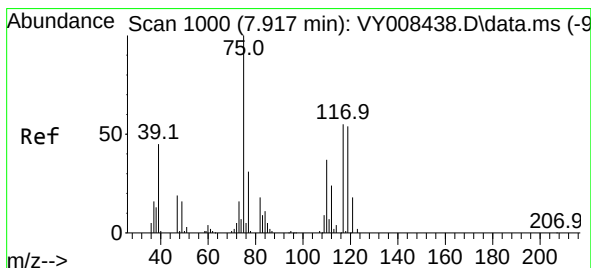
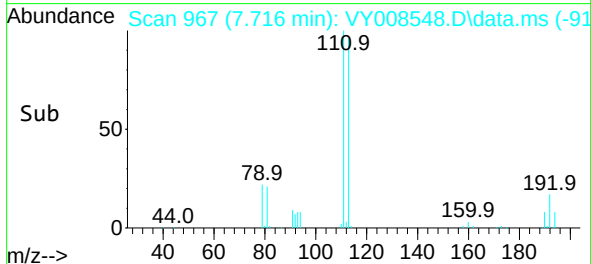
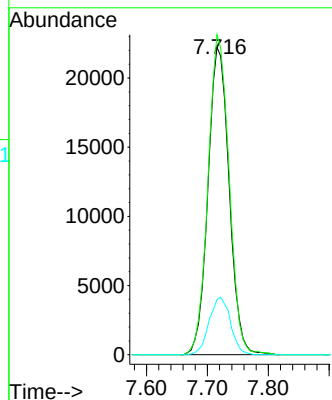
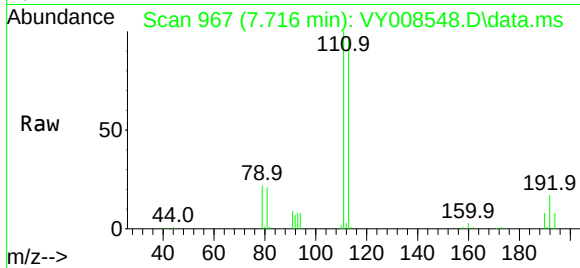




#35
Dibromofluoromethane
Concen: 48.436 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

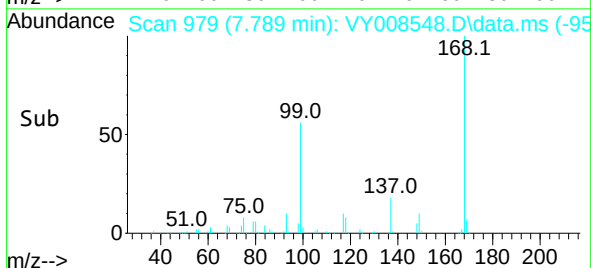
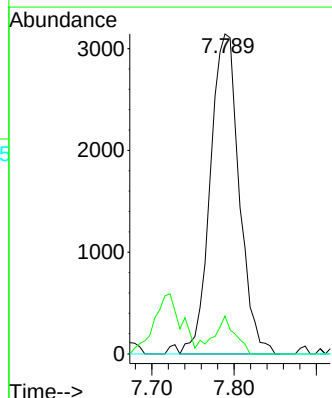
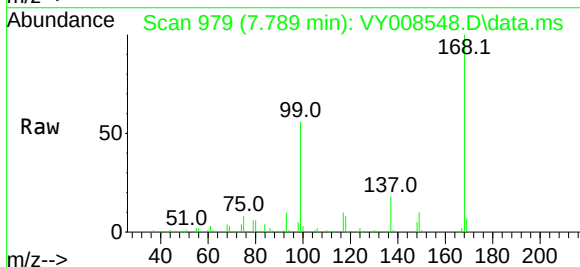
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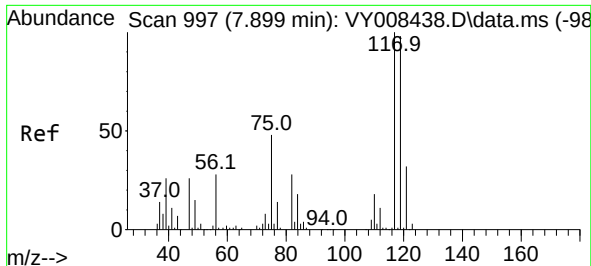
Tgt Ion:113 Resp: 53613
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

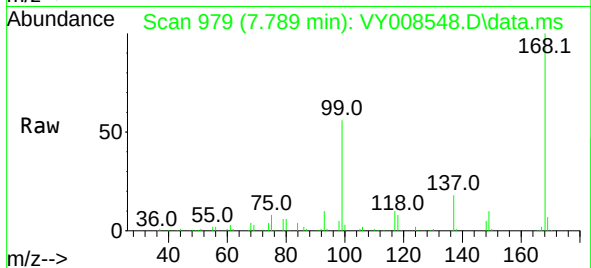
Tgt Ion: 75 Resp: 7680
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.2#
77 0.0 24.4 36.6#



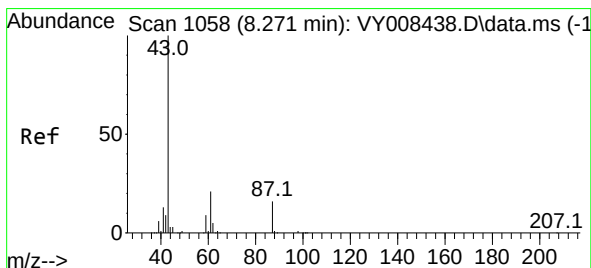
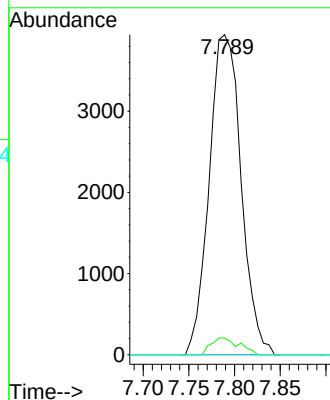
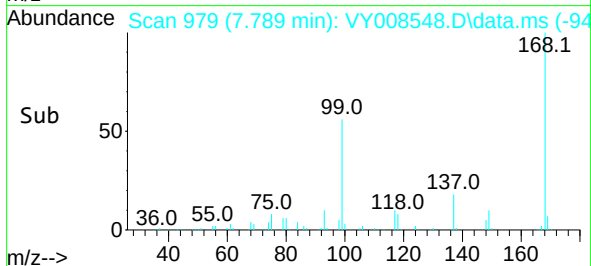


#38
Carbon Tetrachloride
Concen: 5.241 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

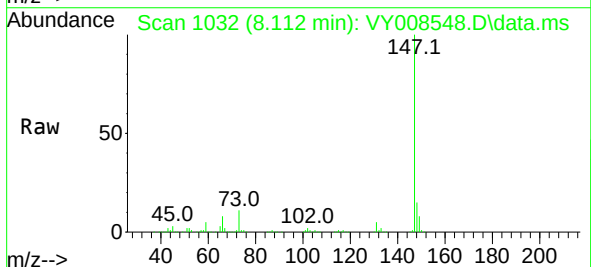
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-042622



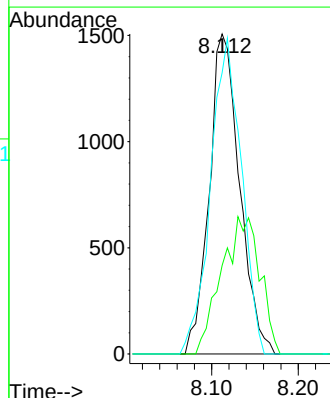
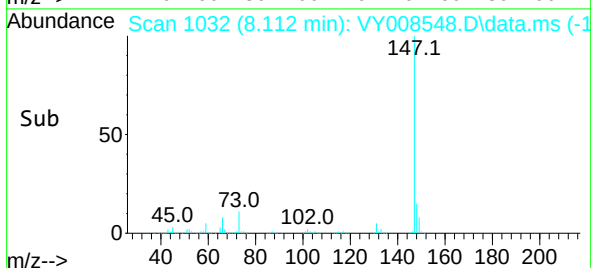
Tgt Ion:117 Resp: 9587
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

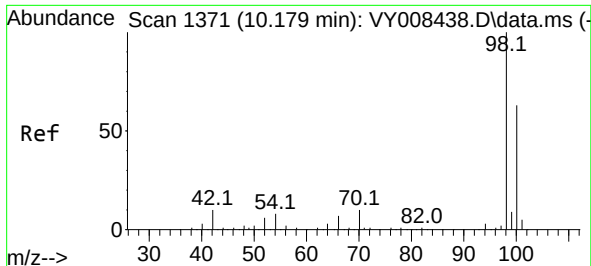


#43
Isopropyl Acetate
Concen: 2.051 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.159 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23



Tgt Ion: 43 Resp: 3673
Ion Ratio Lower Upper
43 100
61 54.2 20.2 30.2#
87 100.3 8.9 13.3#

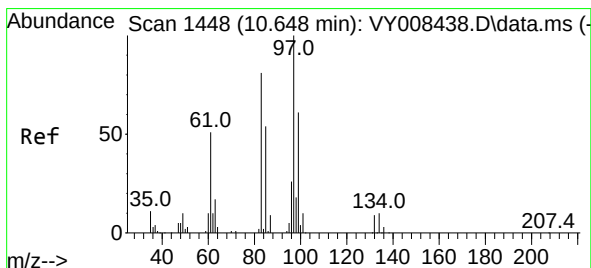
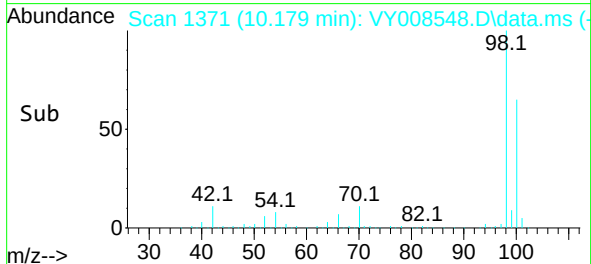
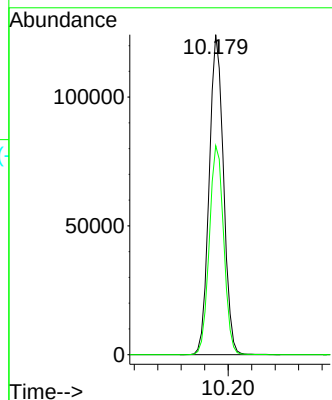
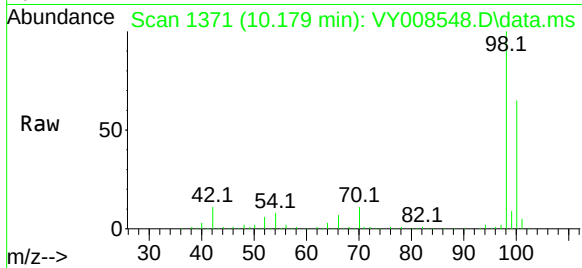




#50
Toluene-d8
Concen: 47.739 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

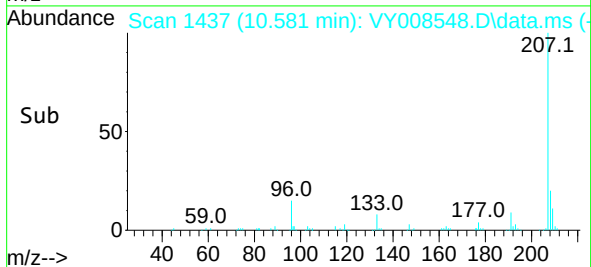
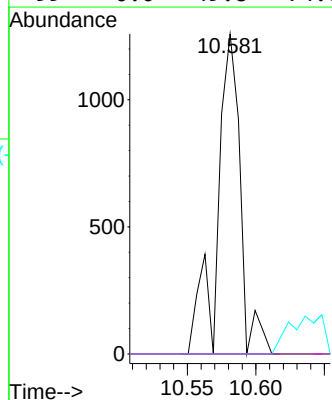
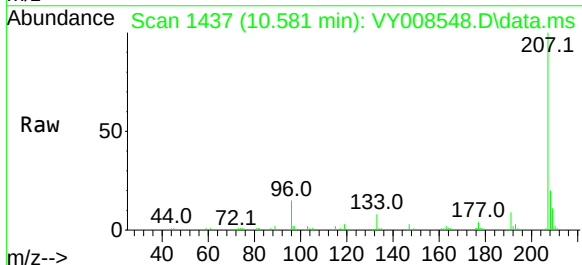
Instrument :
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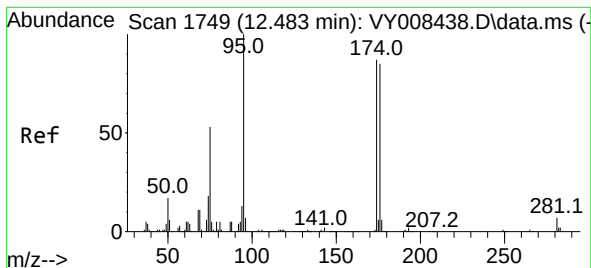
Tgt Ion: 98 Resp: 210130
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 1.245 ug/l
RT: 10.581 min Scan# 1437
Delta R.T. -0.067 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

Tgt Ion: 97 Resp: 1468
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#

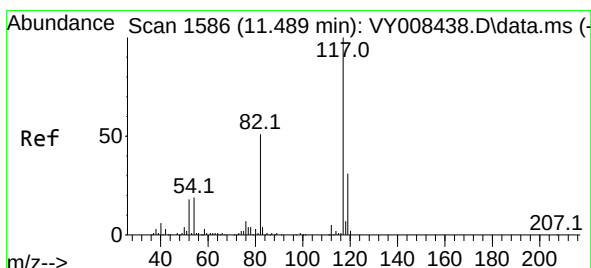
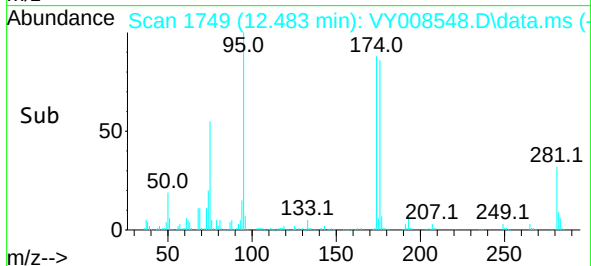
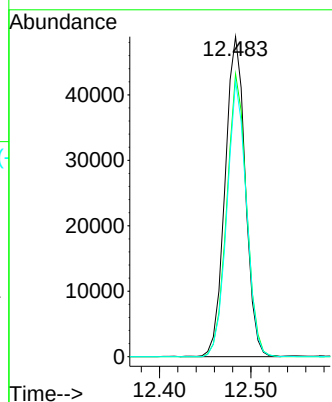
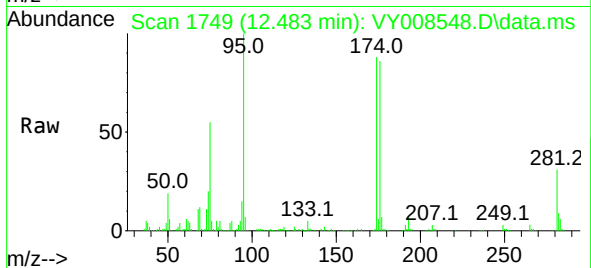




#62
4-Bromofluorobenzene
Concen: 50.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

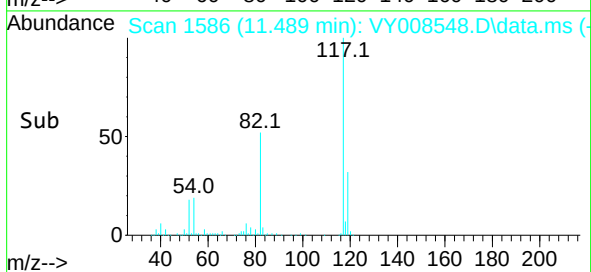
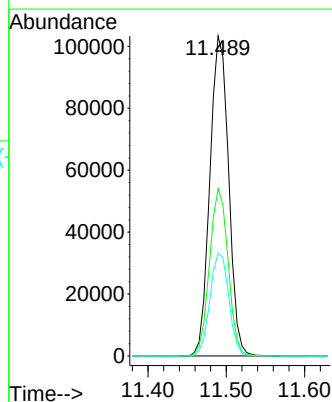
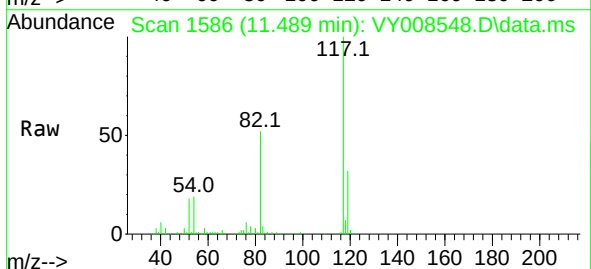
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-042622

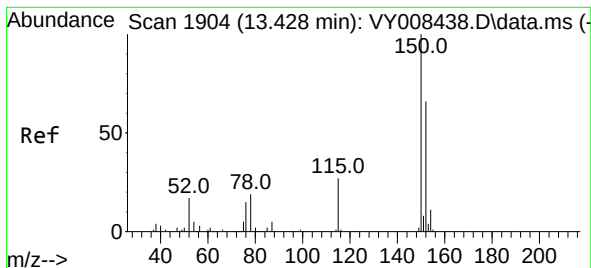
Tgt Ion: 95 Resp: 75074
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 83.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008548.D
Acq: 28 Apr 2022 15:23

Tgt Ion: 117 Resp: 171462
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.1 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: VY008548.D

Acq: 28 Apr 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-042622

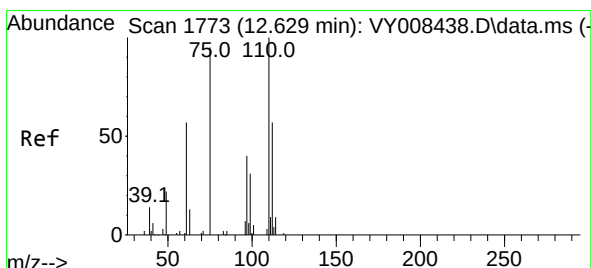
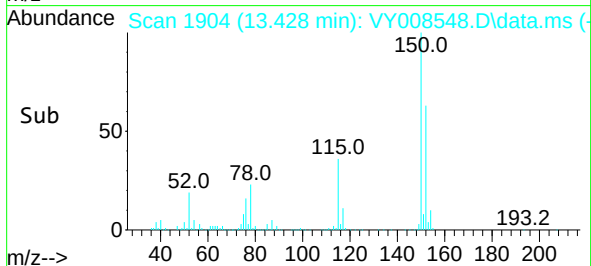
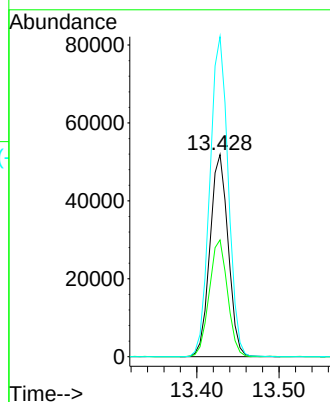
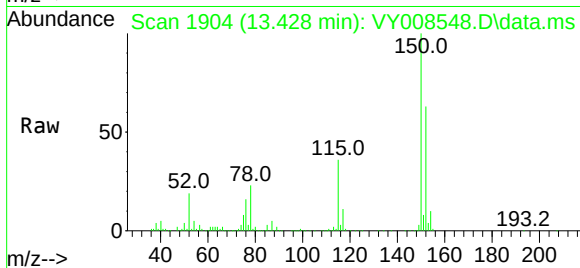
Tgt Ion:152 Resp: 79734

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 159.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 40.604 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008548.D

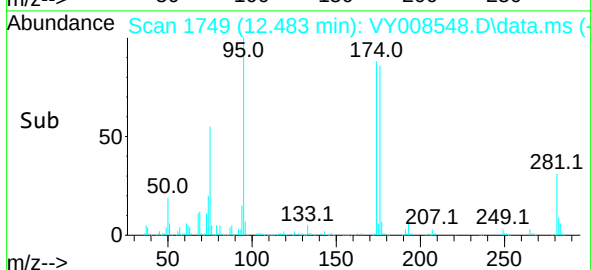
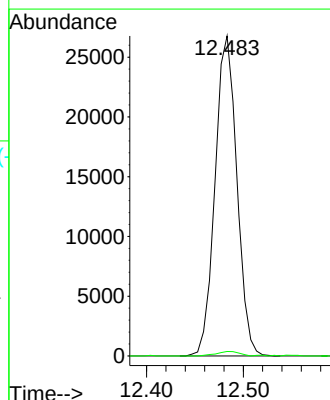
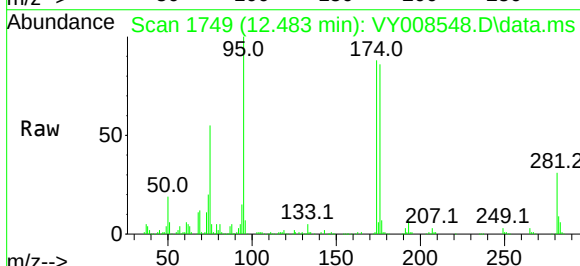
Acq: 28 Apr 2022 15:23

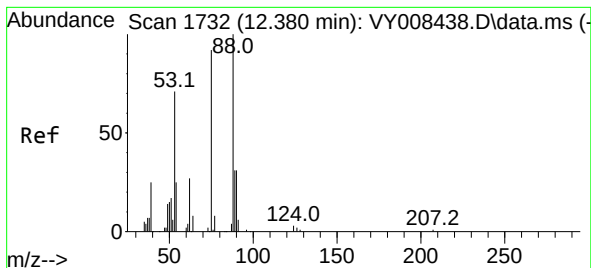
Tgt Ion: 75 Resp: 41899

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.197 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008548.D
 Acq: 28 Apr 2022 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-042622

Tgt Ion: 75 Resp: 41899
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.7 37.0 55.4#

