

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007311.D
 Acq On : 26 Jan 2022 17:04
 Operator : SY/MD
 Sample : N1267-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RED-BRICK-EXT-WALL

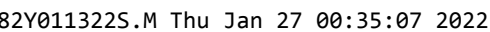
Quant Time: Jan 27 00:35:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

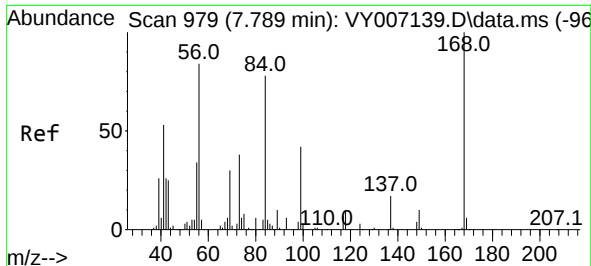
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	83285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51478	50.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.740%	
35) Dibromofluoromethane	7.722	113	51149	48.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.340%	
50) Toluene-d8	10.179	98	190784	49.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.483	95	66596	48.256	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.520%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.789	56	1781	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7222	4.259	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9343	5.238	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	860	1.002	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36962	50.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36962	92.293	ug/l #	3

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

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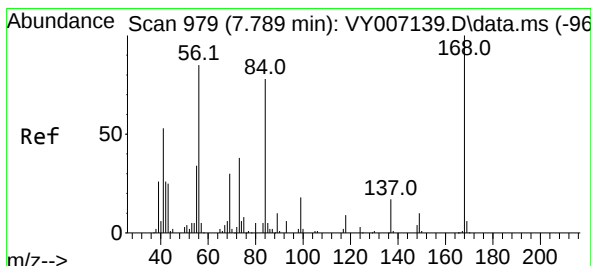
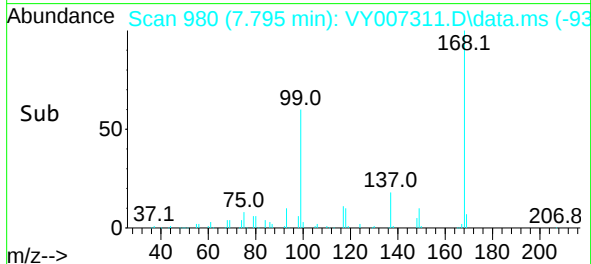
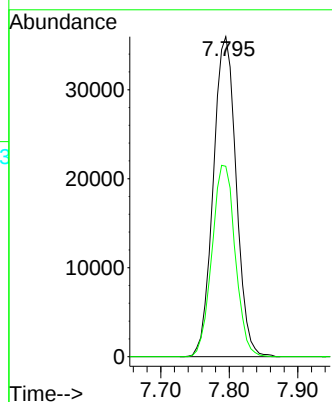
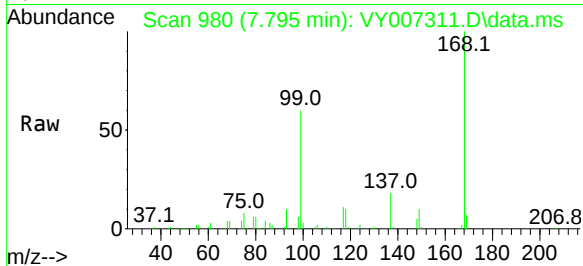




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

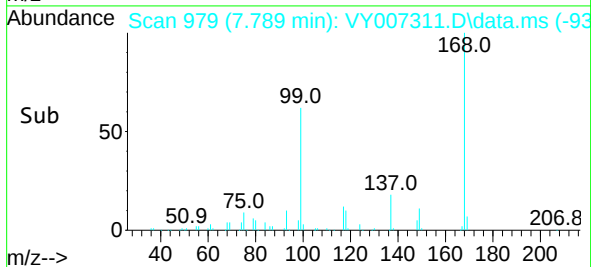
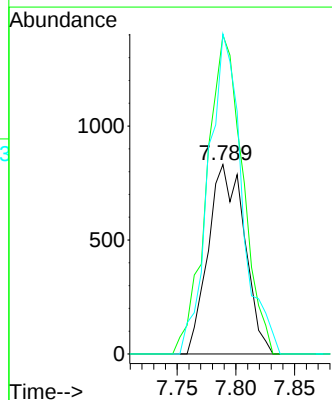
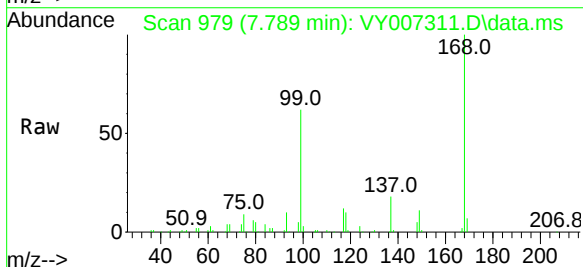
Instrument :
MSVOA_Y
ClientSampleId :
RED-BRICK-EXT-WALL

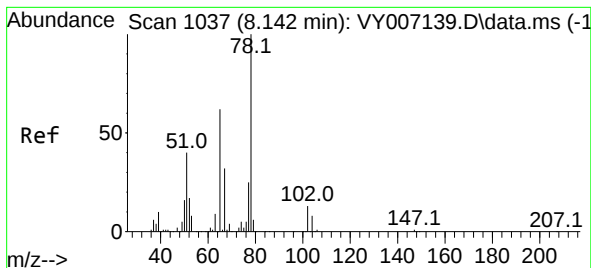
Tgt Ion:168 Resp: 83285
Ion Ratio Lower Upper
168 100
99 59.5 49.1 73.7



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

Tgt Ion: 56 Resp: 1781
Ion Ratio Lower Upper
56 100
69 168.4 27.2 40.8#
84 169.0 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 50.374 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007311.D

Acq: 26 Jan 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

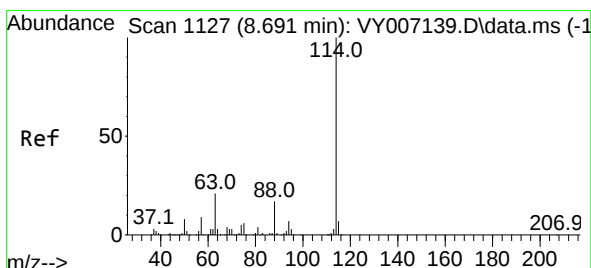
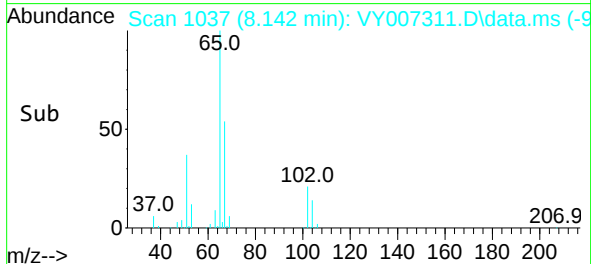
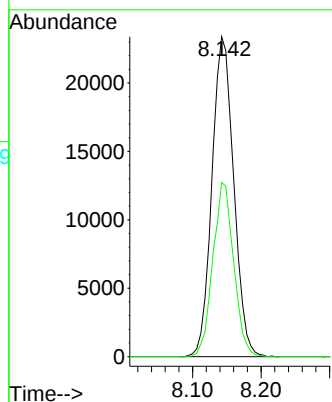
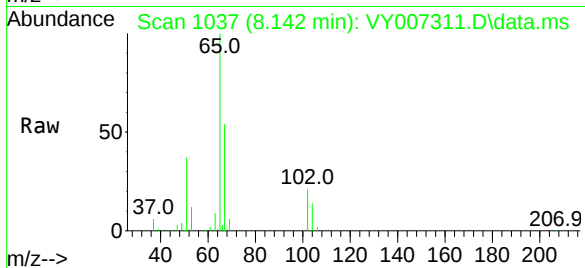
RED-BRICK-EXT-WALL

Tgt Ion: 65 Resp: 51478

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007311.D

Acq: 26 Jan 2022 17:04

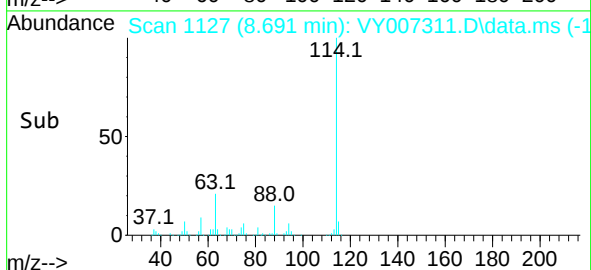
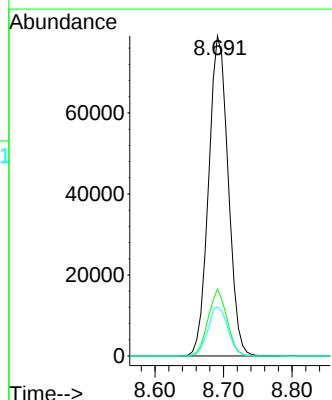
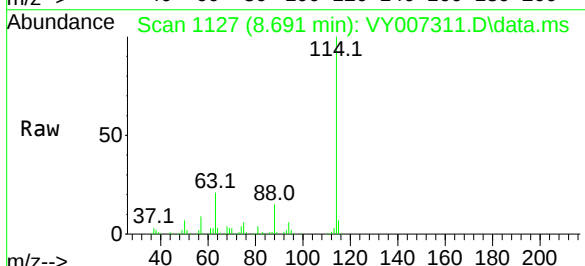
Tgt Ion: 114 Resp: 157024

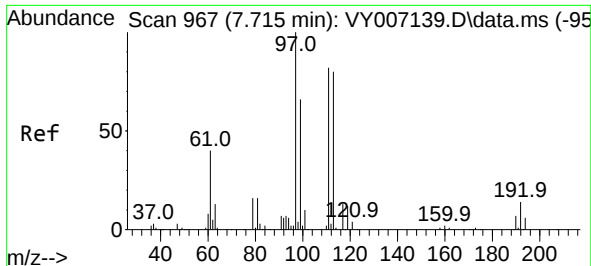
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 15.4 0.0 31.0

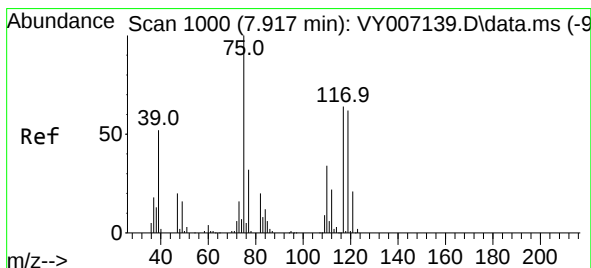
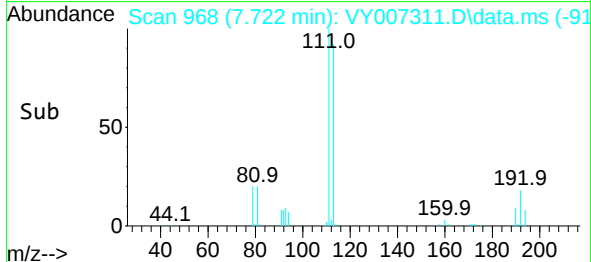
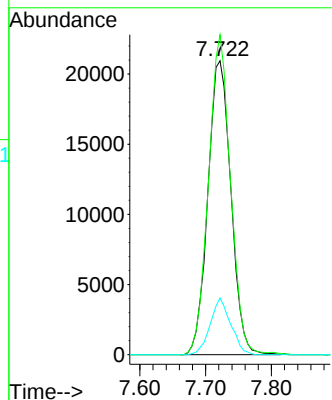
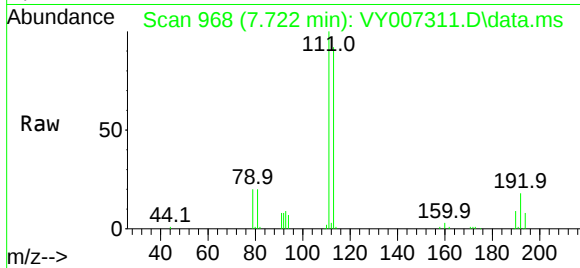




#35
Dibromofluoromethane
Concen: 48.173 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

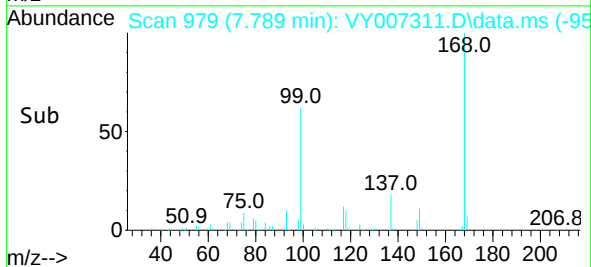
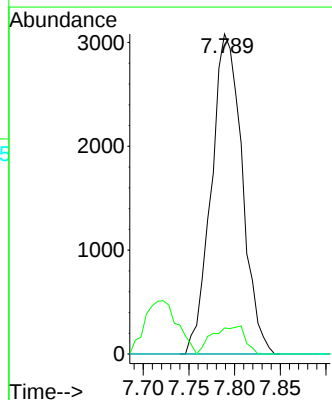
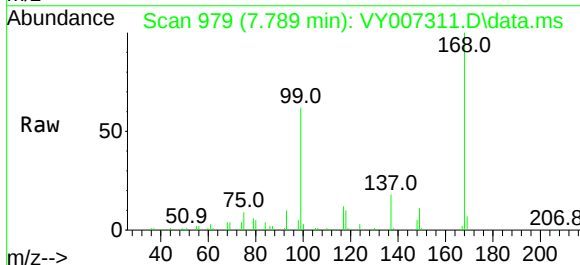
Instrument :
MSVOA_Y
ClientSampleId :
RED-BRICK-EXT-WALL

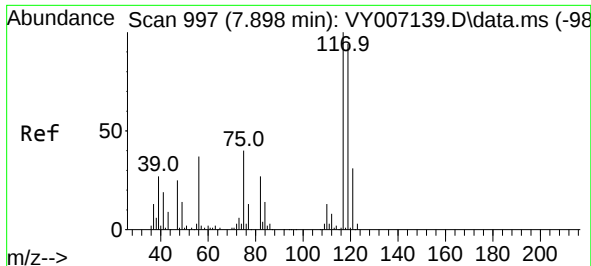
Tgt Ion:113 Resp: 51149
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 17.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.259 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

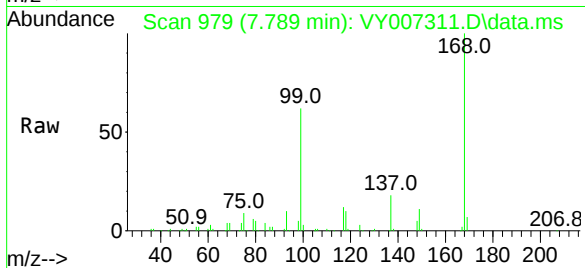
Tgt Ion: 75 Resp: 7222
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.9#
77 0.0 24.7 37.1#



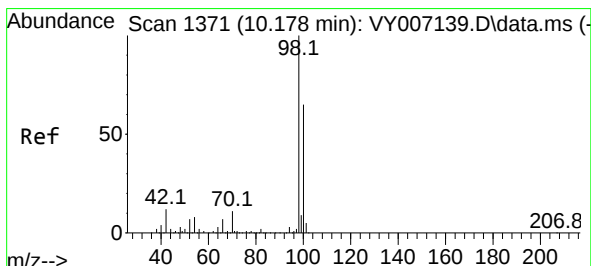
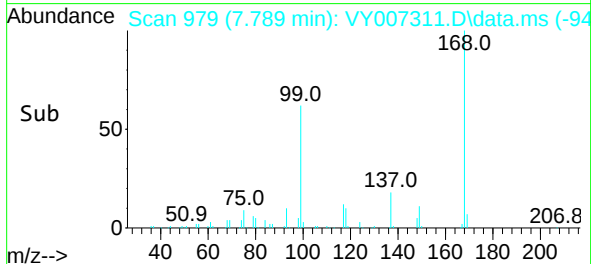
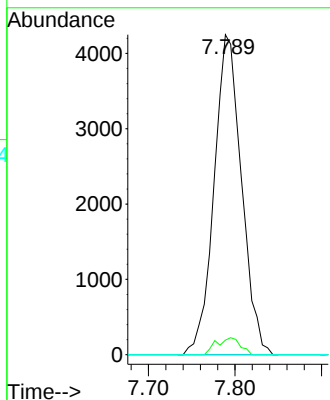


#38
Carbon Tetrachloride
Concen: 5.238 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.109 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
RED-BRICK-EXT-WALL

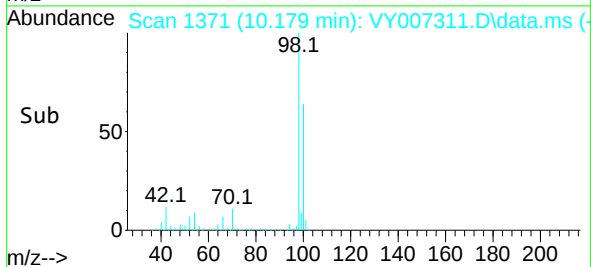
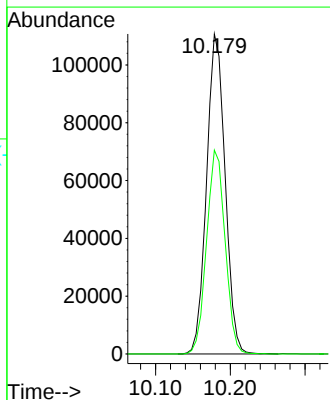
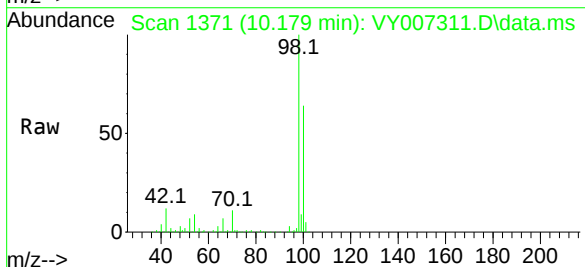


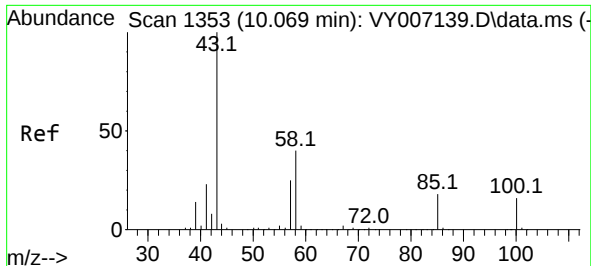
Tgt Ion:117 Resp: 9343
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

Tgt Ion: 98 Resp: 190784
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2

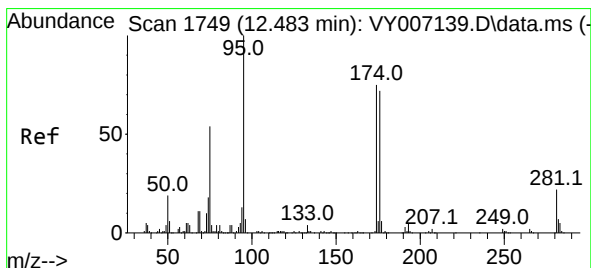
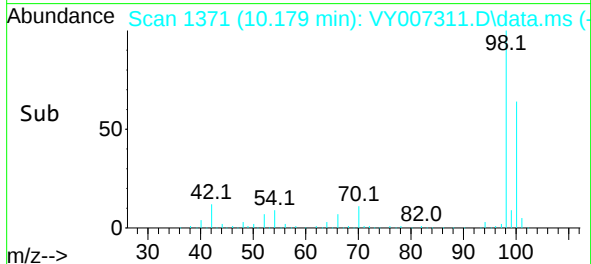
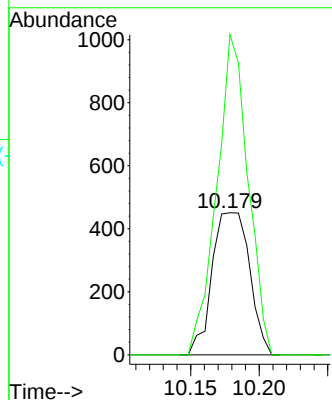
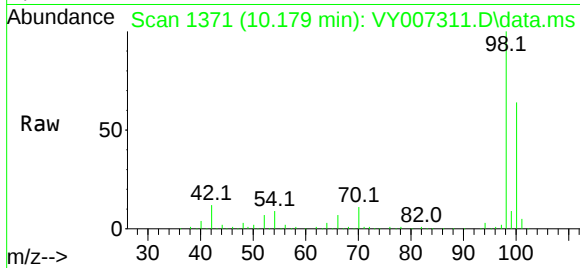




#51
4-Methyl-2-Pentanone
Concen: 1.002 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

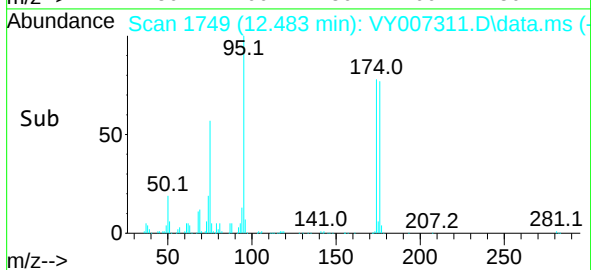
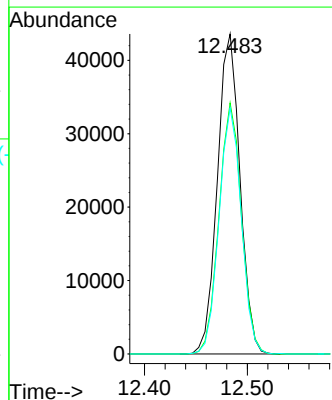
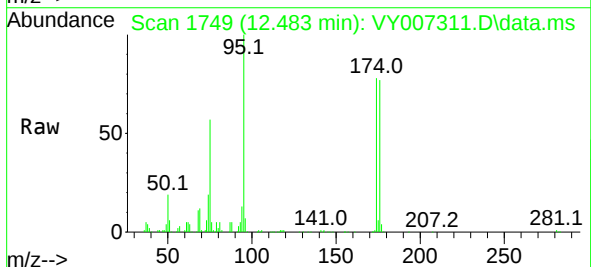
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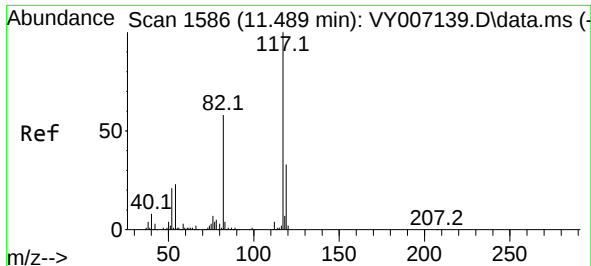
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 188.0 32.8 49.2#



#62
4-Bromofluorobenzene
Concen: 48.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

Tgt Ion: 95 Resp: 66596
Ion Ratio Lower Upper
95 100
174 77.9 0.0 148.4
176 75.6 0.0 146.6

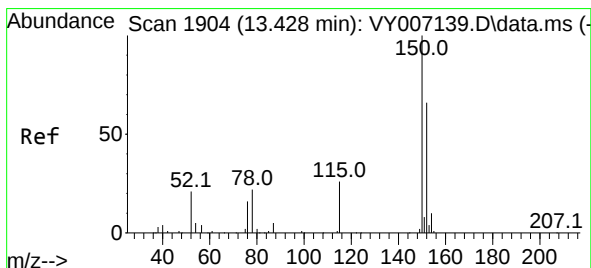
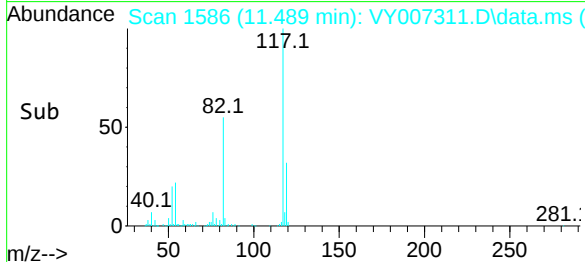
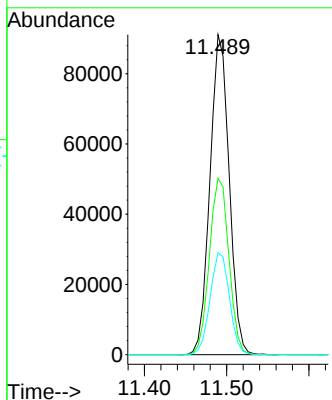
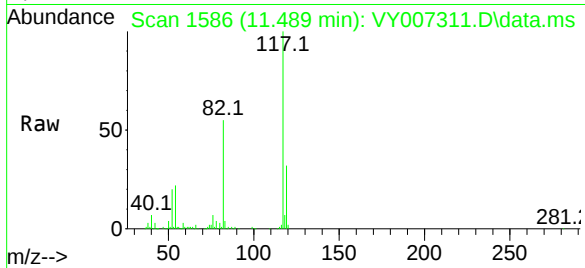




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

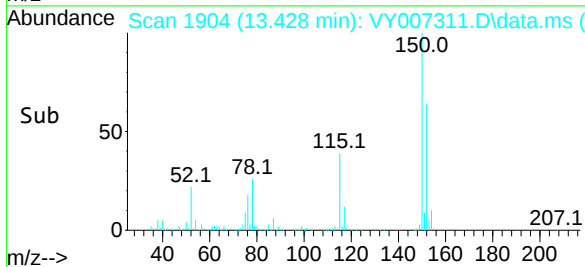
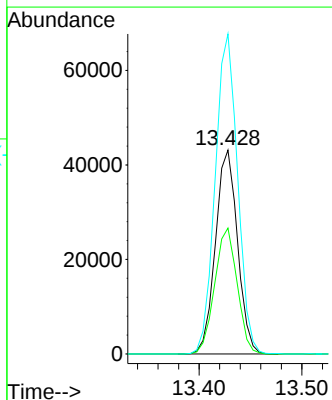
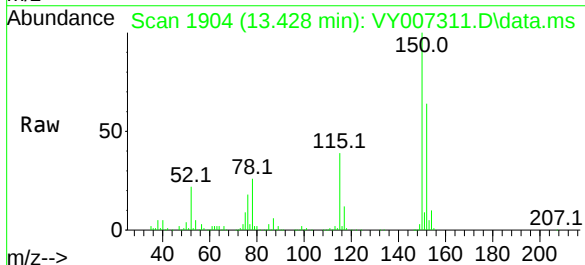
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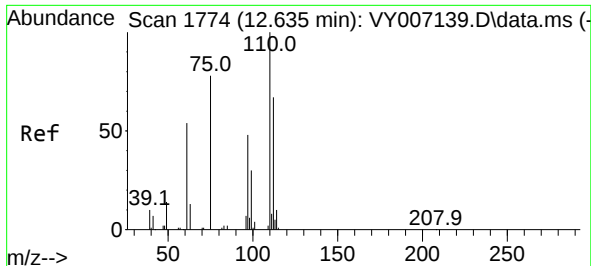
Tgt Ion:117 Resp: 147970
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

Tgt Ion:152 Resp: 64299
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.0
150 159.1 0.0 348.4

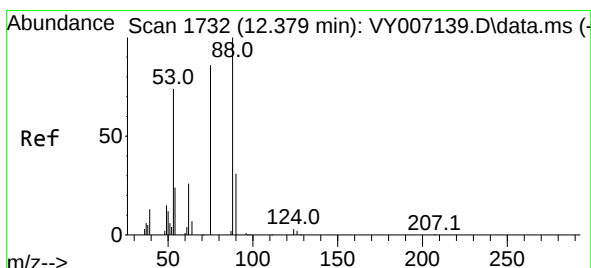
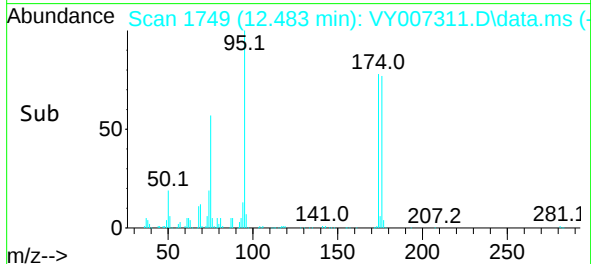
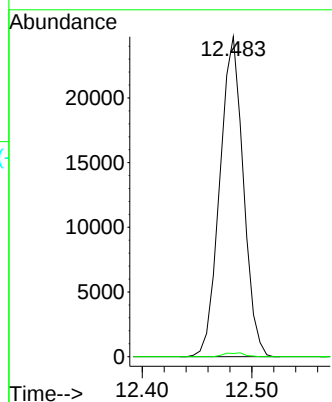
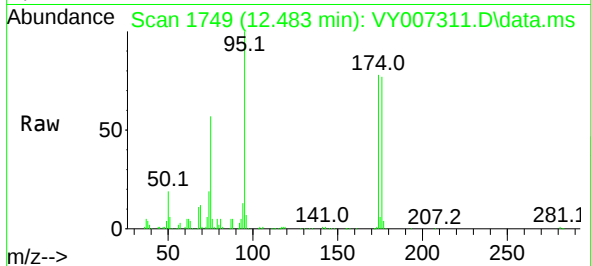




#76
1,2,3-Trichloropropane
Concen: 50.413 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
RED-BRICK-EXT-WALL

Tgt Ion: 75 Resp: 36962
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007311.D
Acq: 26 Jan 2022 17:04

Tgt Ion: 75 Resp: 36962
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0

