

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007146.D
 Acq On : 13 Jan 2022 16:27
 Operator : SY/MD
 Sample : N1099-09
 Misc : 5.72/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-09

Quant Time: Jan 14 05:53:36 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)

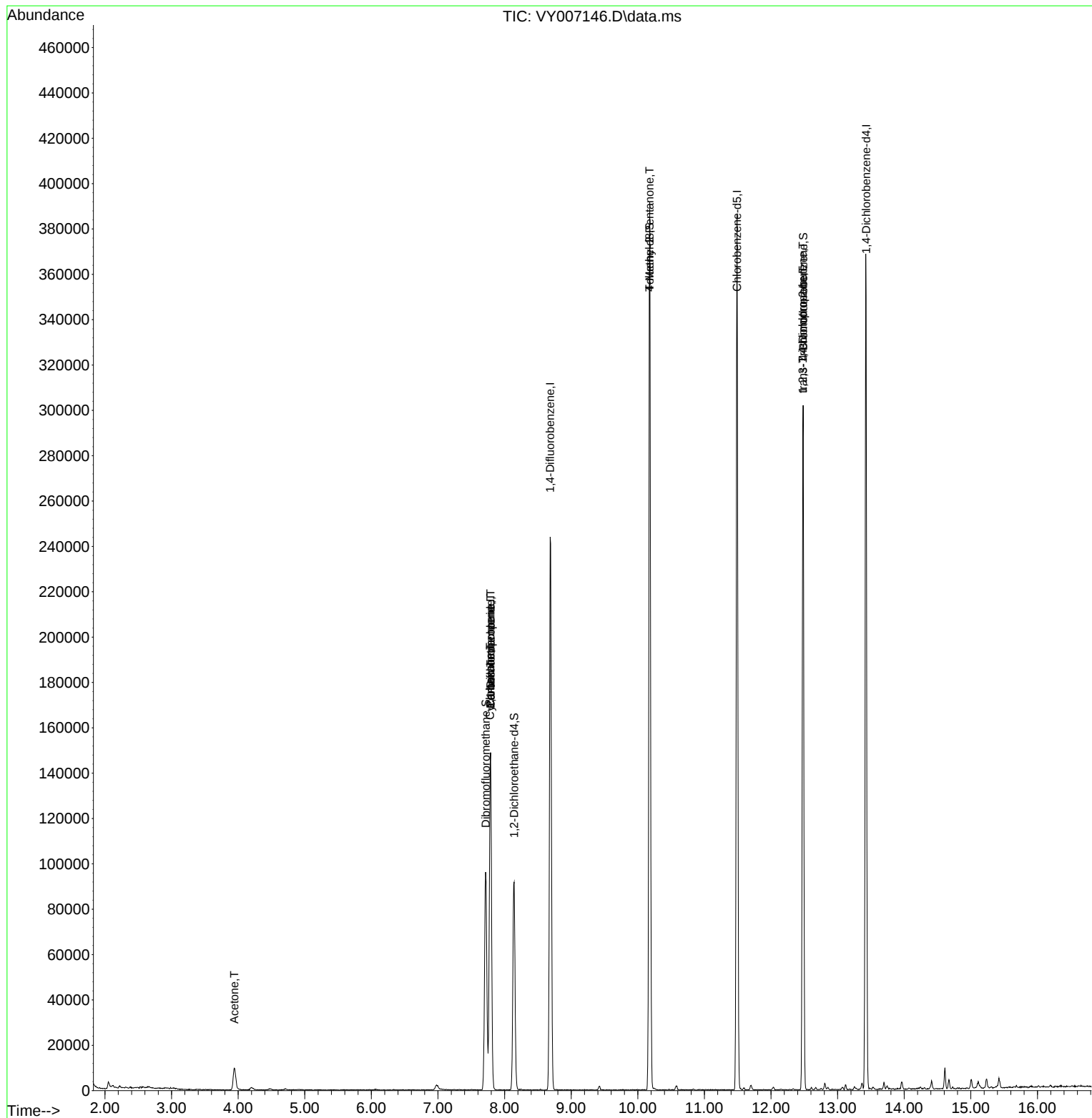
Internal Standards						
1) Pentafluorobenzene	7.789	168	110582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75503	55.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.300%	
35) Dibromofluoromethane	7.716	113	69094	49.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.179	98	254155	49.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	12.483	95	96595	52.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	444	Below Cal	#	73
16) Acetone	3.942	43	17387	49.376	ug/l	93
31) Cyclohexane	7.783	56	2518	1.098	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	10005	4.458	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12635	5.352	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1185	1.043	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	51977	52.001	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51977	95.200	ug/l #	3

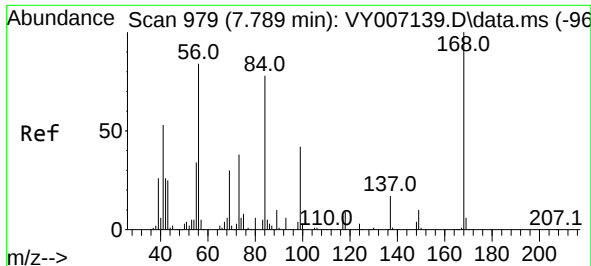
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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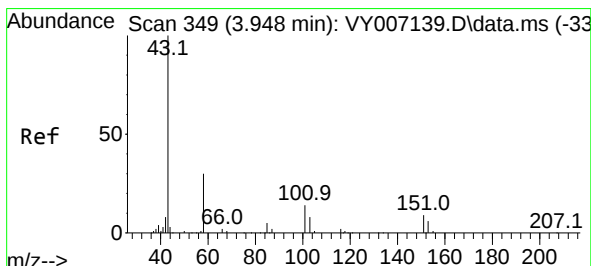
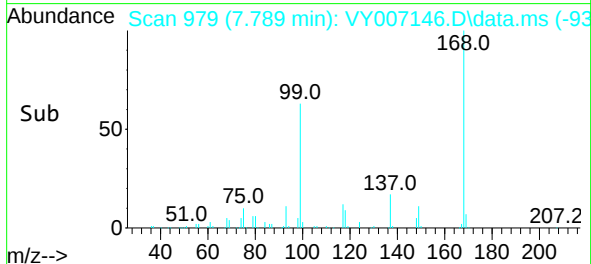
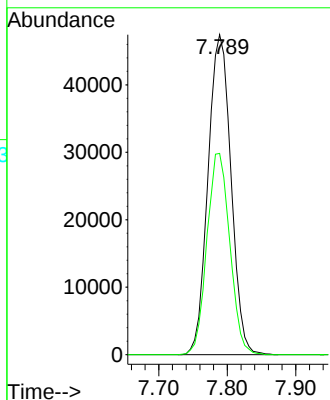
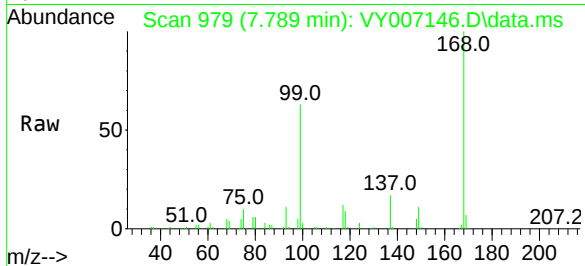




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

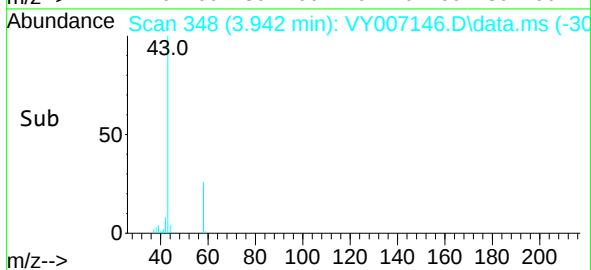
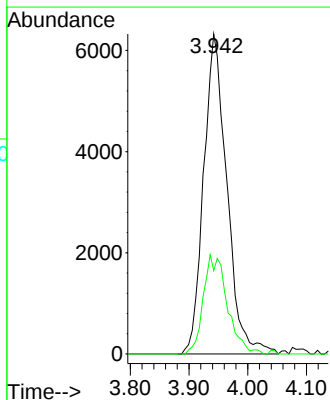
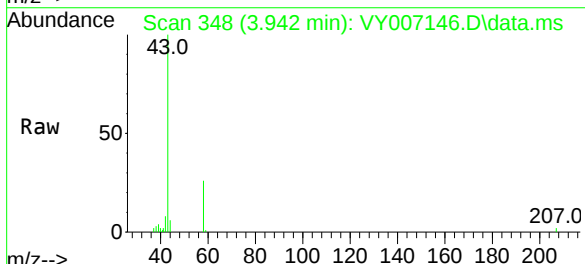
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MSVOA_Y
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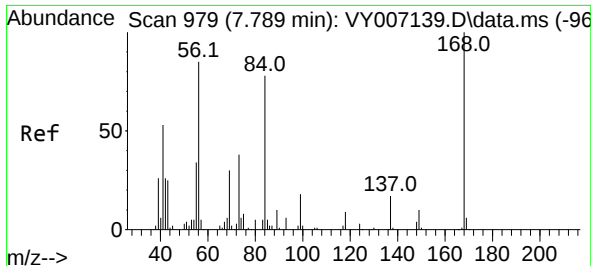
Tgt Ion:168 Resp: 110582
Ion Ratio Lower Upper
168 100
99 62.9 49.1 73.7



#16
Acetone
Concen: 49.376 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

Tgt Ion: 43 Resp: 17387
Ion Ratio Lower Upper
43 100
58 26.1 23.8 35.6

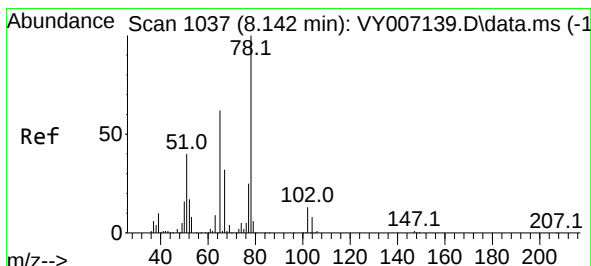
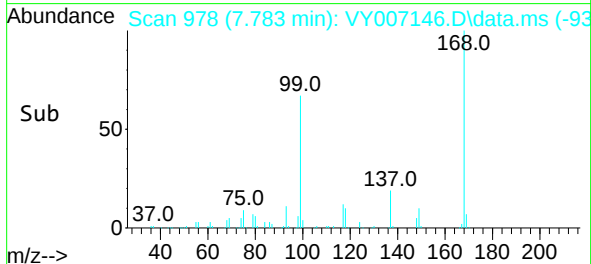
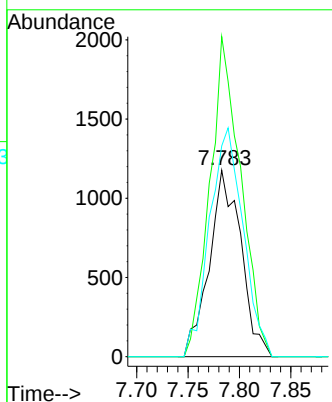
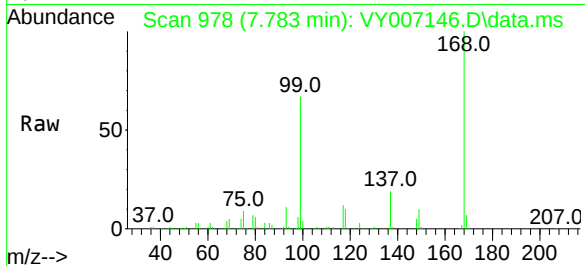




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

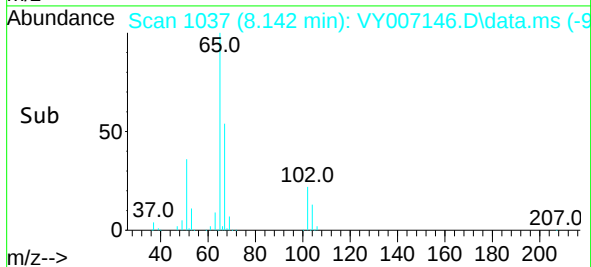
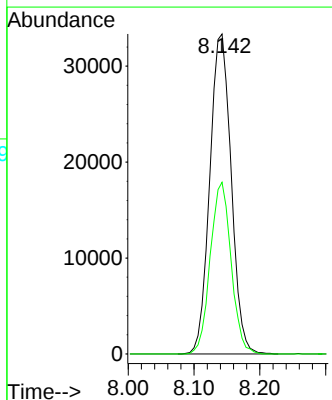
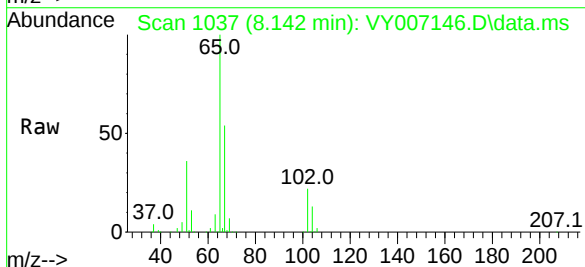
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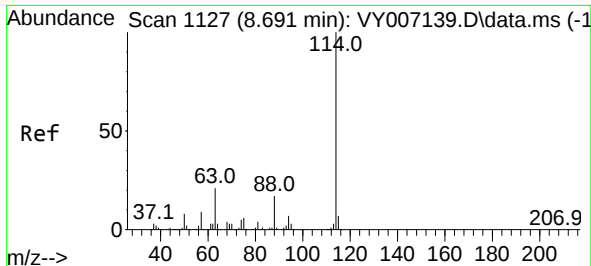
Tgt Ion: 56 Resp: 2518
Ion Ratio Lower Upper
56 100
69 171.6 27.2 40.8#
84 113.0 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 55.646 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

Tgt Ion: 65 Resp: 75503
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6

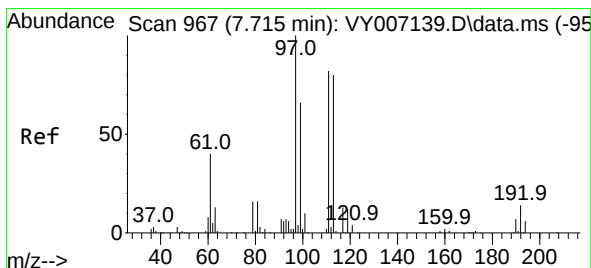
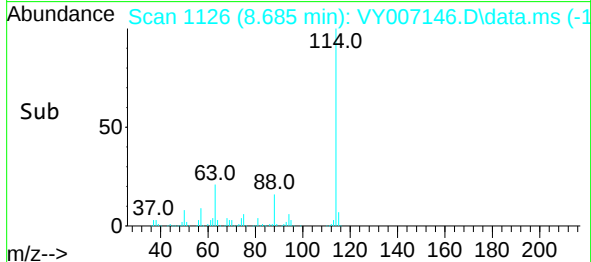
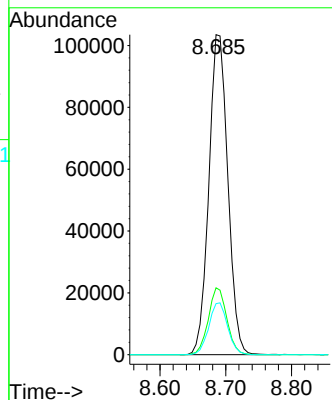
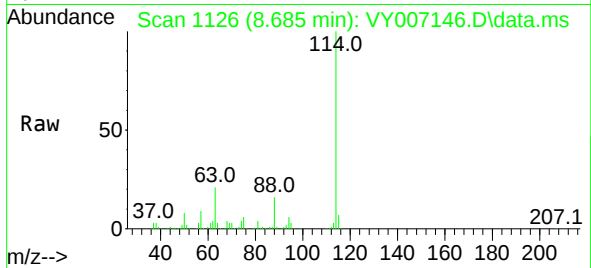




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

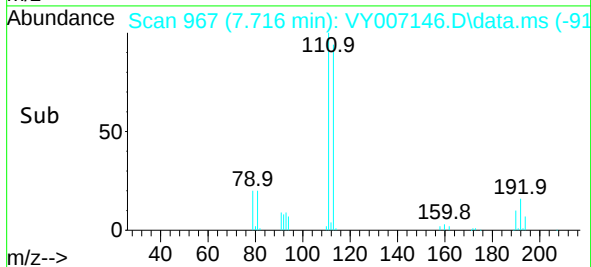
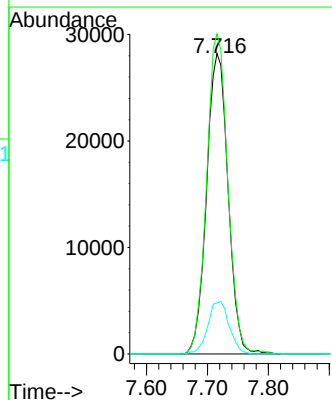
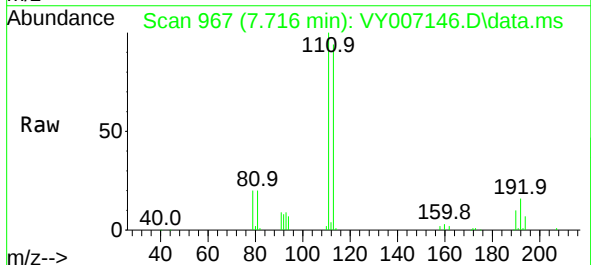
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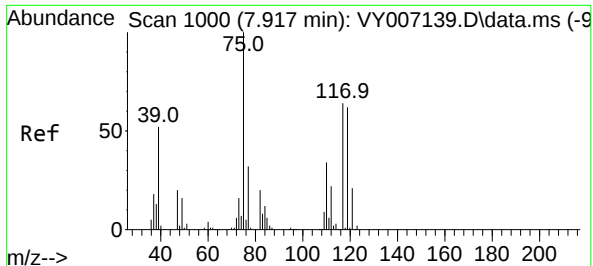
Tgt Ion:114 Resp: 207831
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.2
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.166 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

Tgt Ion:113 Resp: 69094
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 17.4 14.2 21.4

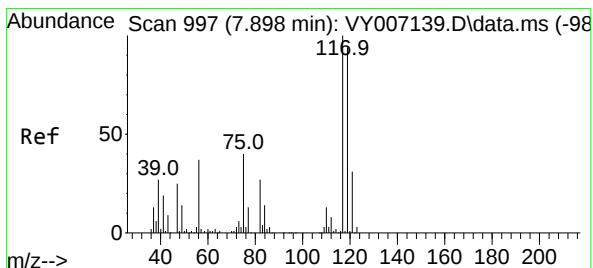
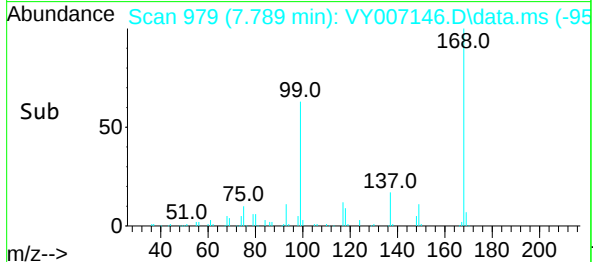
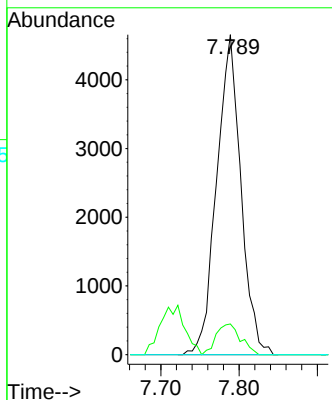
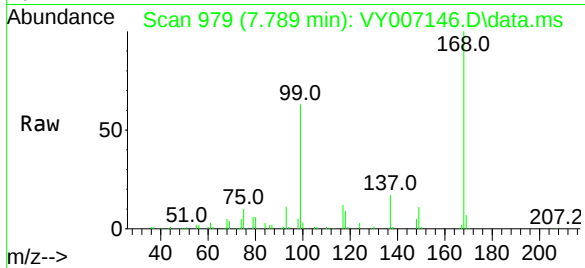




#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

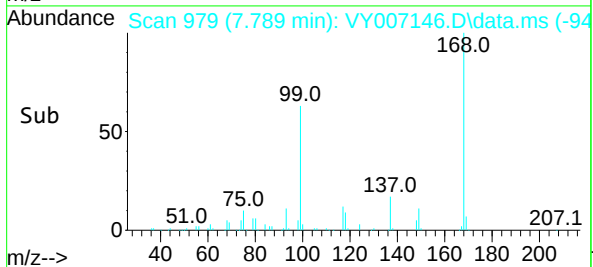
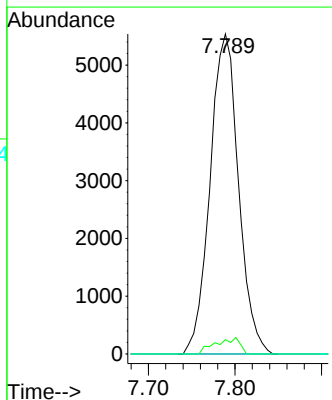
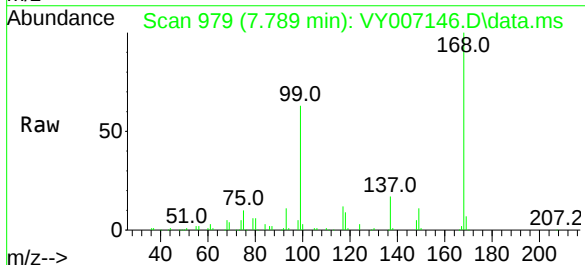
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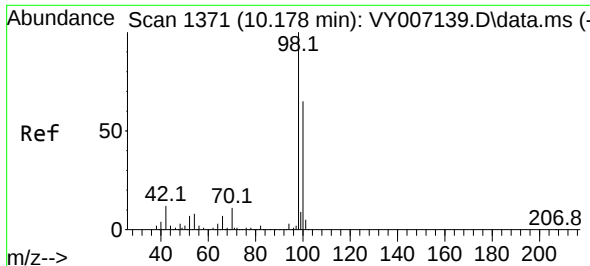
Tgt Ion: 75 Resp: 10005
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

Tgt Ion: 117 Resp: 12635
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 24.2 36.2#

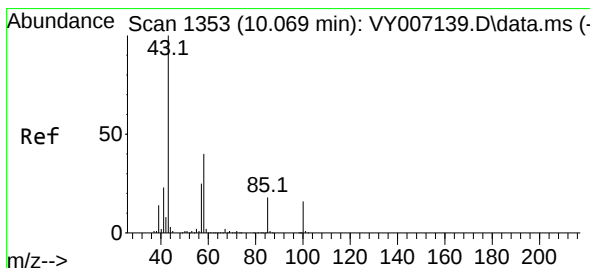
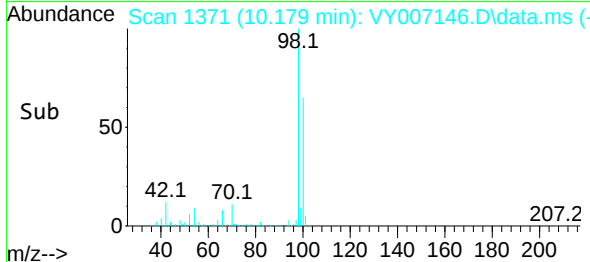
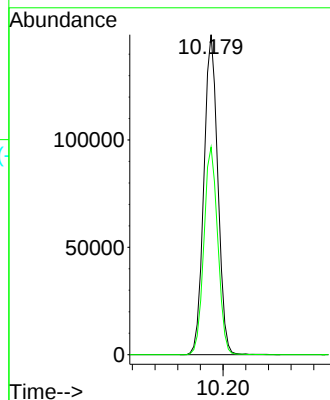
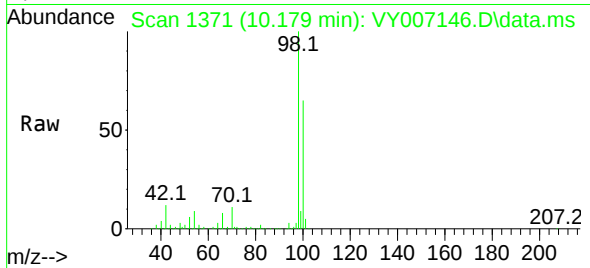




#50
Toluene-d8
Concen: 49.495 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

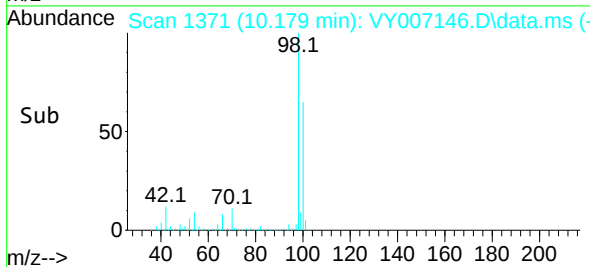
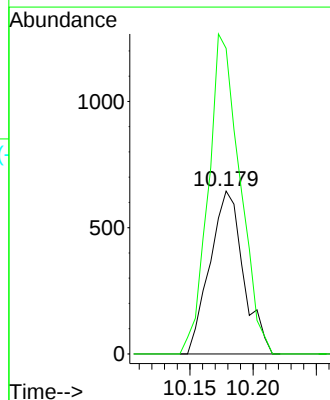
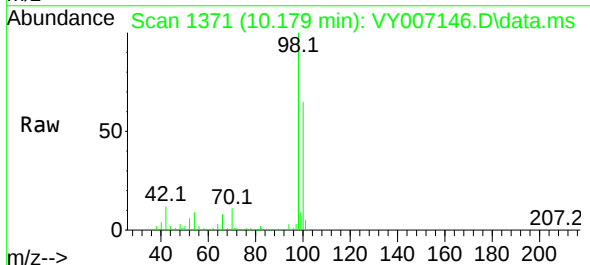
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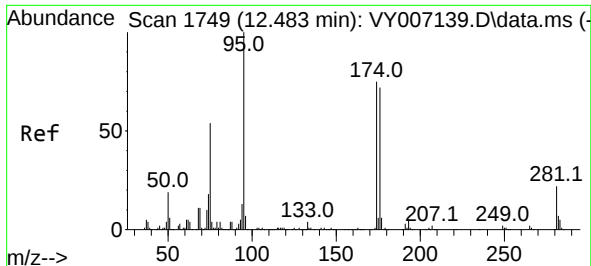
Tgt Ion: 98 Resp: 254155
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.043 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 186.2 32.8 49.2#

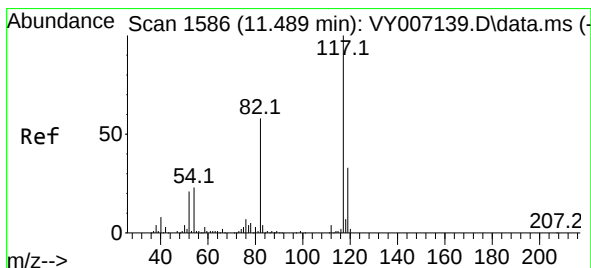
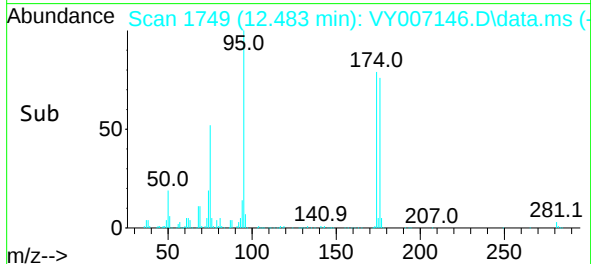
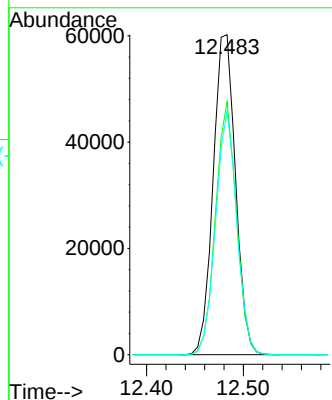
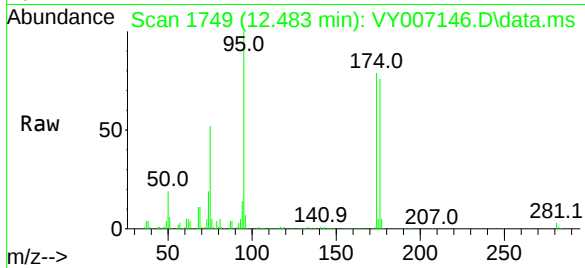




#62
4-Bromofluorobenzene
Concen: 52.883 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

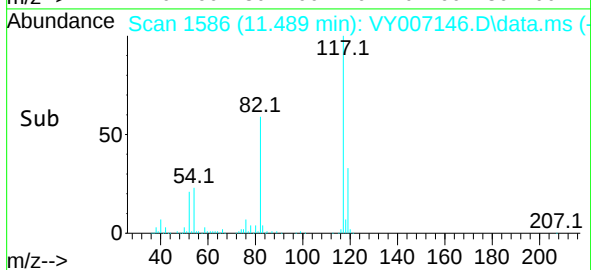
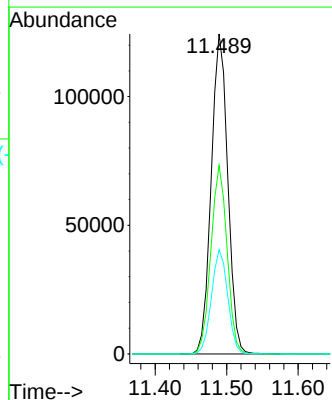
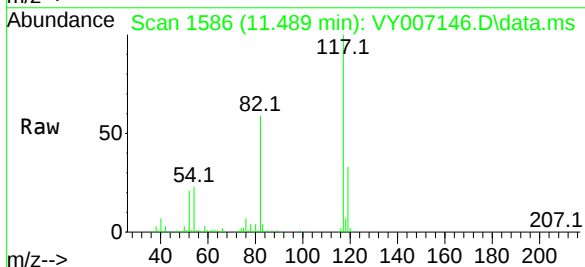
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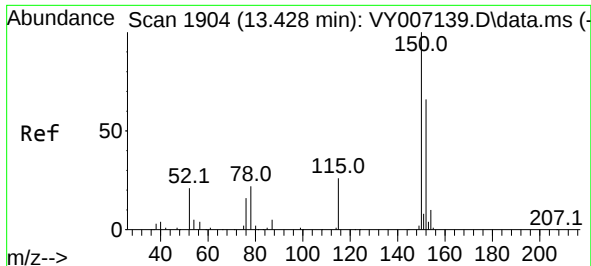
Tgt Ion:	95	Resp:	96595
Ion Ratio	Lower	Upper	
95	100		
174	74.1	0.0	148.4
176	71.8	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

Tgt Ion:	117	Resp:	199584
Ion Ratio	Lower	Upper	
117	100		
82	58.9	45.4	68.0
119	32.6	26.4	39.6

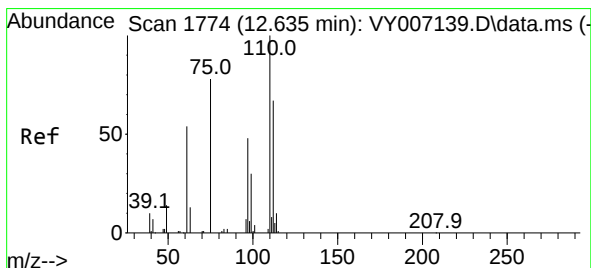
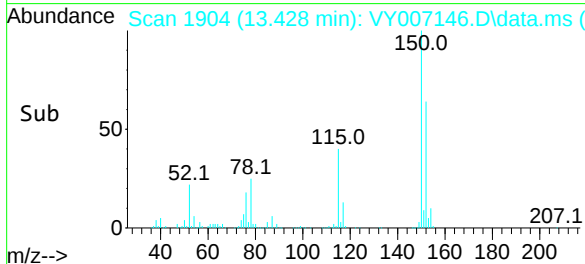
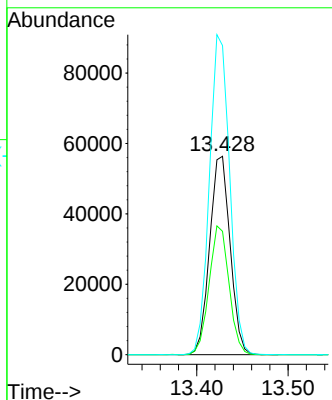
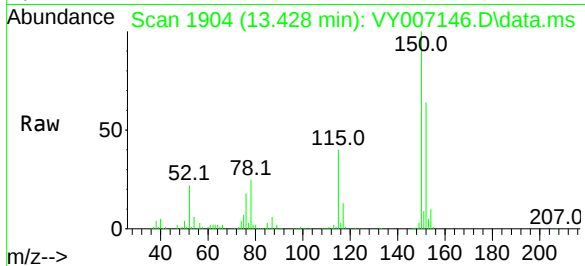




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

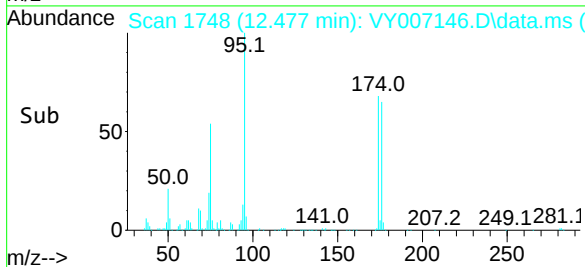
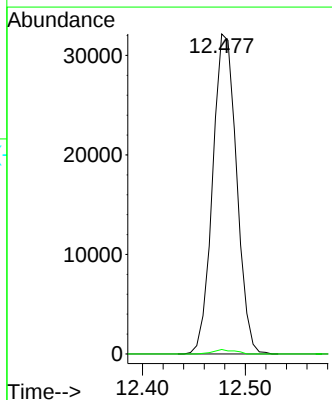
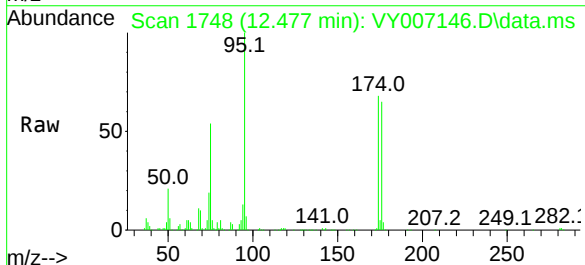
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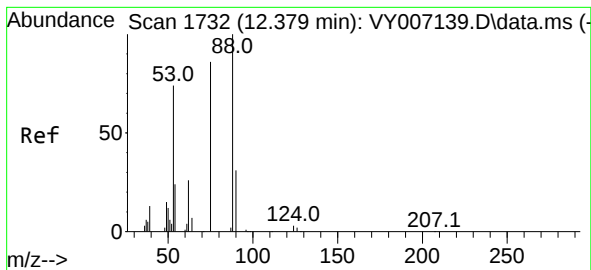
Tgt Ion:152 Resp: 87658
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.0
150 159.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 52.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY007146.D
Acq: 13 Jan 2022 16:27

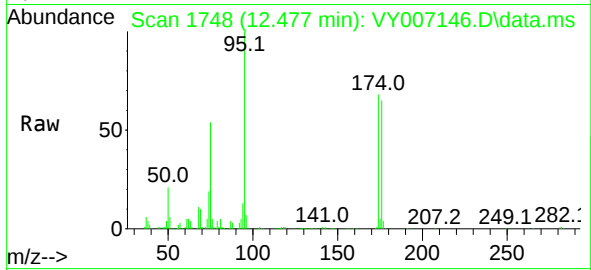
Tgt Ion: 75 Resp: 51977
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.200 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007146.D
 Acq: 13 Jan 2022 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-09



Tgt Ion: 75 Resp: 51977
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

