

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010016.D
 Acq On : 14 Aug 2022 22:34
 Operator : KP/MD
 Sample : N4046-01
 Misc : 7.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-01

Quant Time: Aug 15 00:43:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

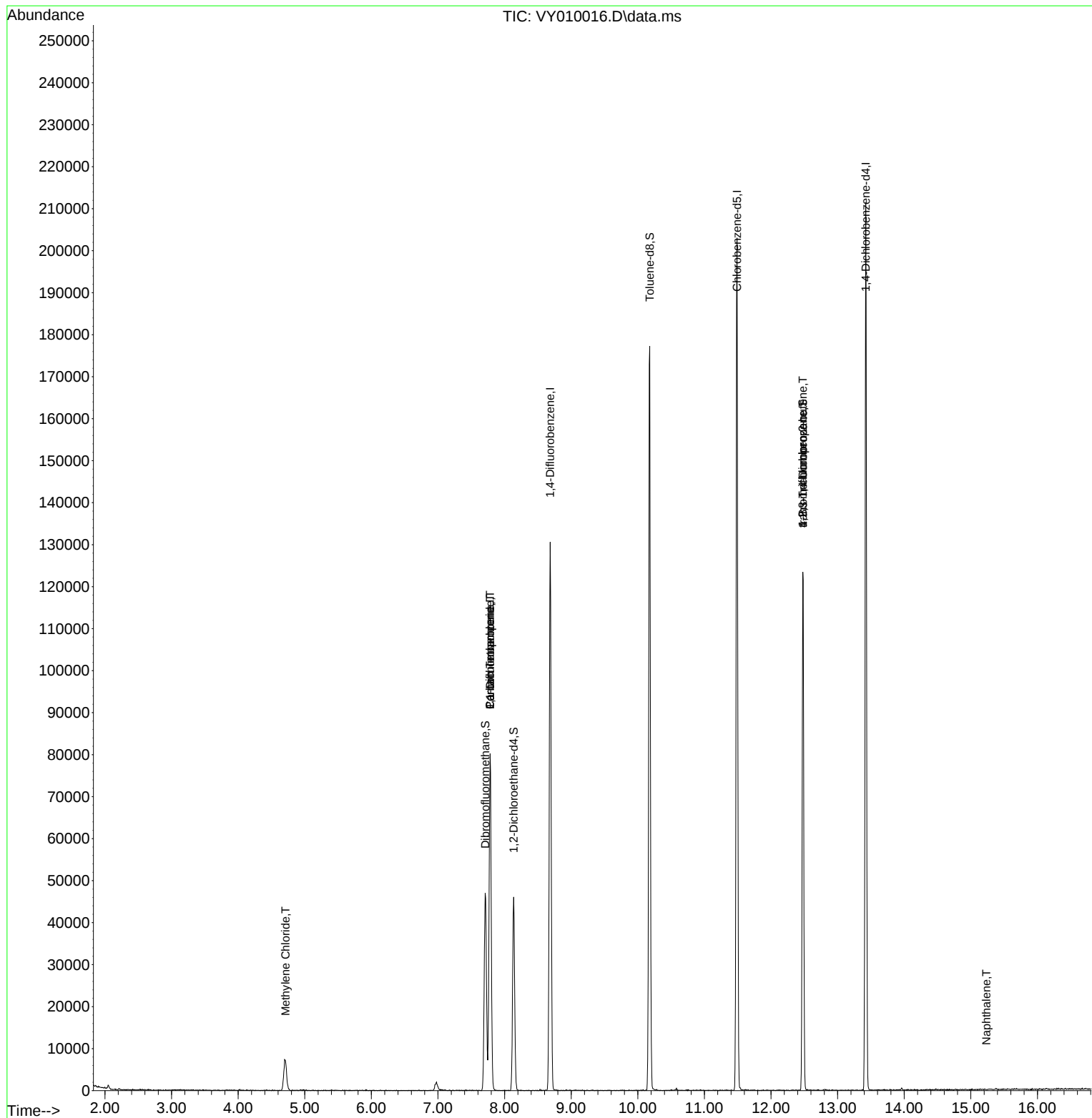
Internal Standards						
1) Pentafluorobenzene	7.783	168	61916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	120404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35450	56.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.880%
35) Dibromofluoromethane	7.710	113	34394	46.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.179	98	121061	42.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.740%
62) 4-Bromofluorobenzene	12.477	95	41403	40.021	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	112	Below Cal	#	78
18) Methyl Acetate	4.466	43	19	Below Cal	#	52
20) Methylene Chloride	4.710	84	6727	2.886	ug/l #	73
36) 1,1-Dichloropropene	7.783	75	4323	3.939	ug/l #	45
38) Carbon Tetrachloride	7.783	117	6212	5.673	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	18958	28.855	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18958	62.726	ug/l #	13
95) Naphthalene	15.233	128	23	3.080	ug/l #	69

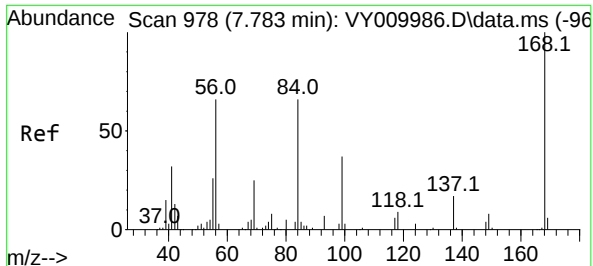
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
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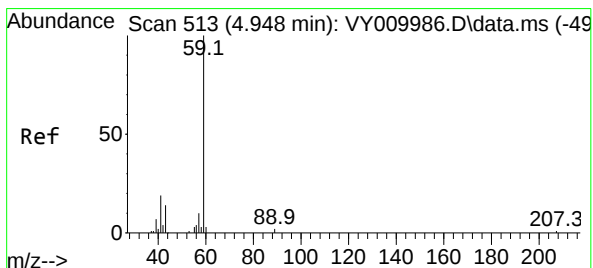
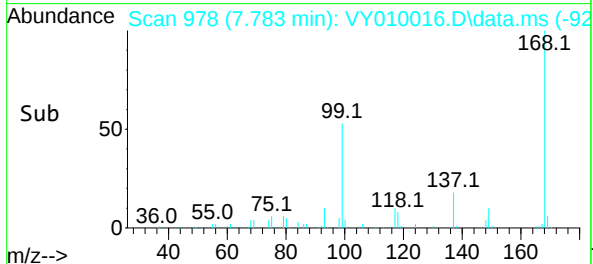
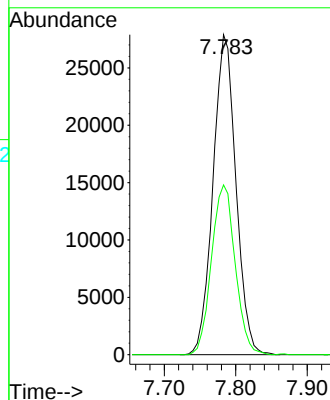
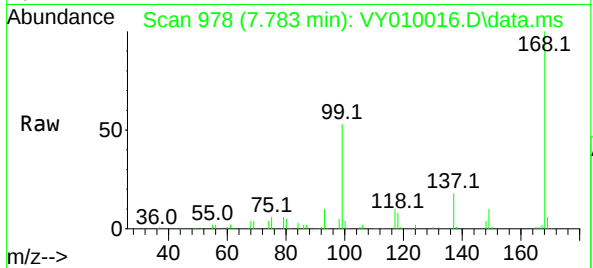




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

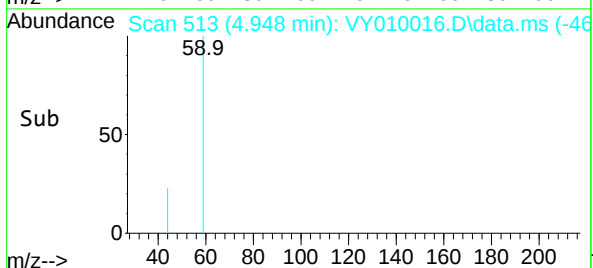
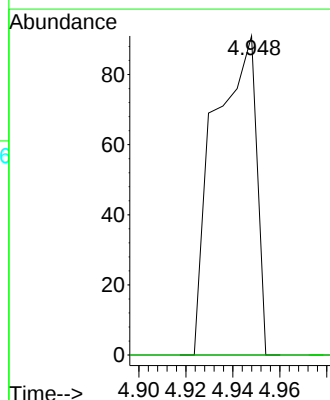
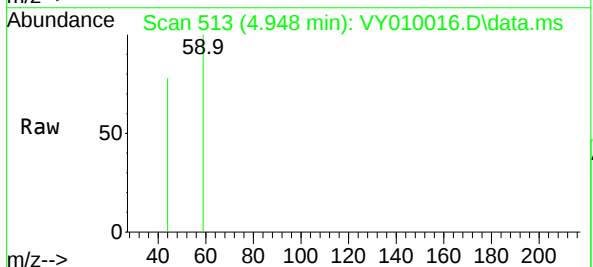
Instrument :
MSVOA_Y
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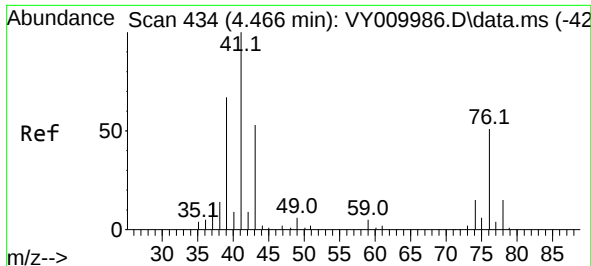
Tgt Ion:168 Resp: 61916
Ion Ratio Lower Upper
168 100
99 53.0 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

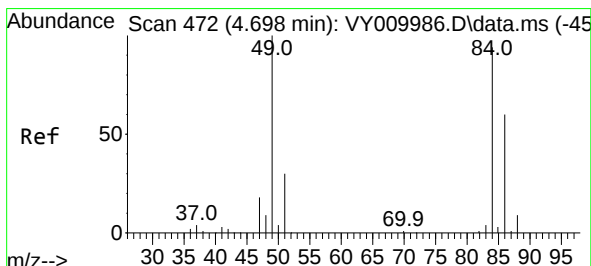
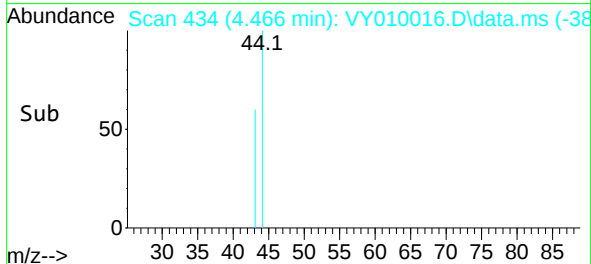
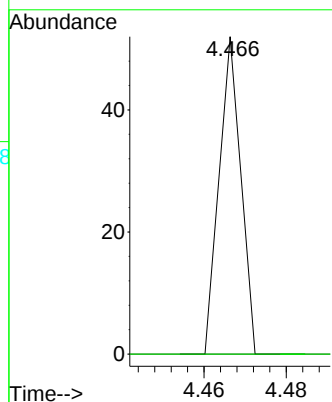
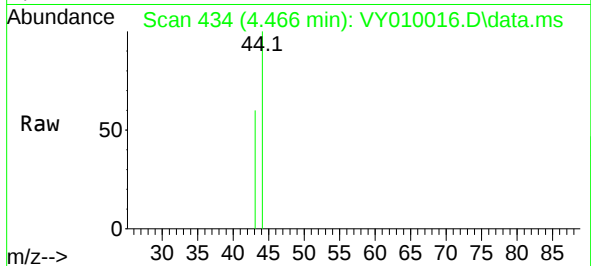




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

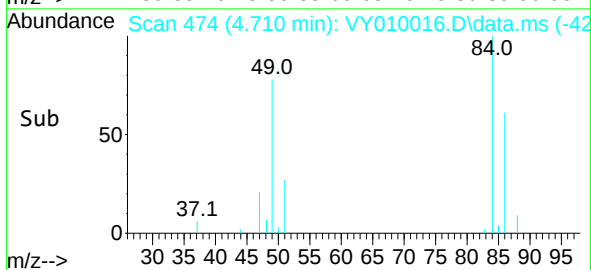
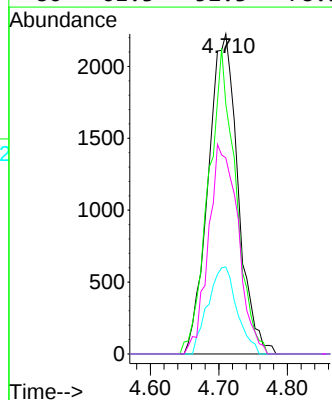
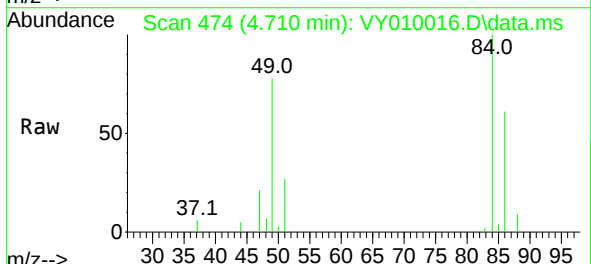
Instrument :
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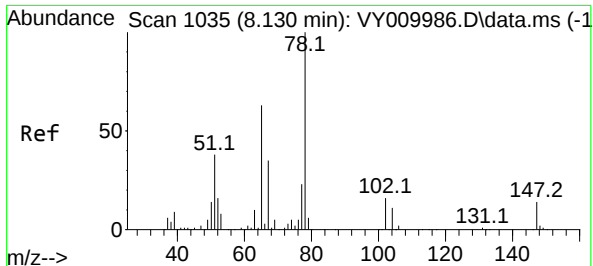
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 2.886 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

Tgt Ion: 84 Resp: 6727
Ion Ratio Lower Upper
84 100
49 78.1 98.2 147.4#
51 27.2 33.4 50.0#
86 61.3 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 56.442 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010016.D

Acq: 14 Aug 2022 22:34

Instrument :

MSVOA_Y

ClientSampleId :

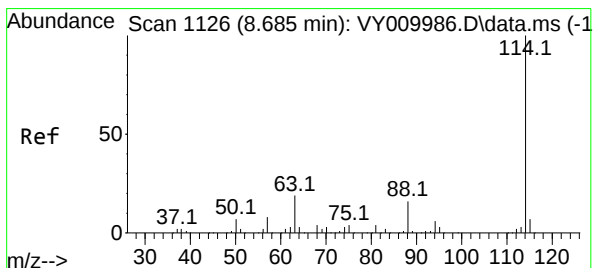
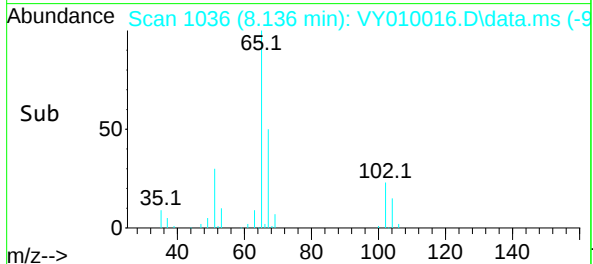
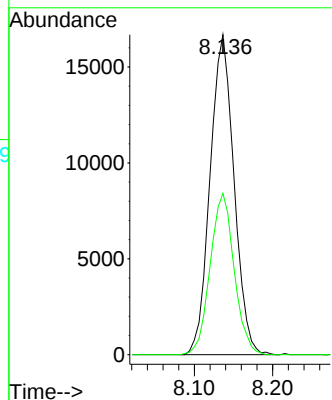
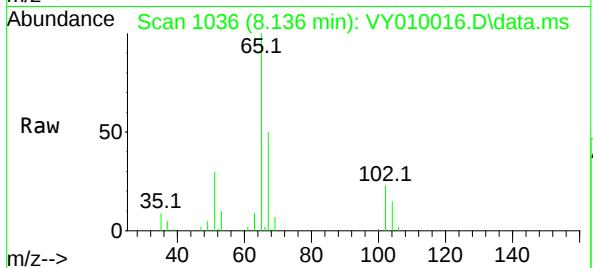
BEACONPOINT-BACKFILL-01

Tgt Ion: 65 Resp: 35450

Ion Ratio Lower Upper

65 100

67 50.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010016.D

Acq: 14 Aug 2022 22:34

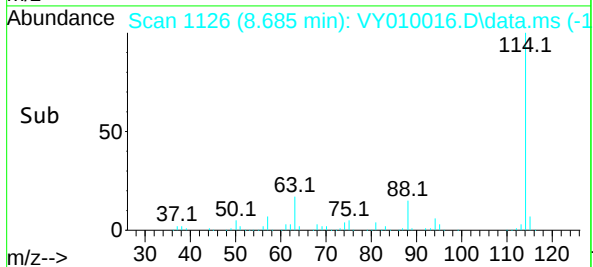
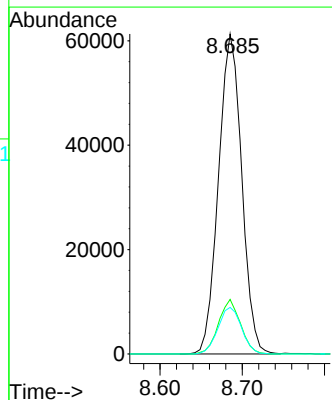
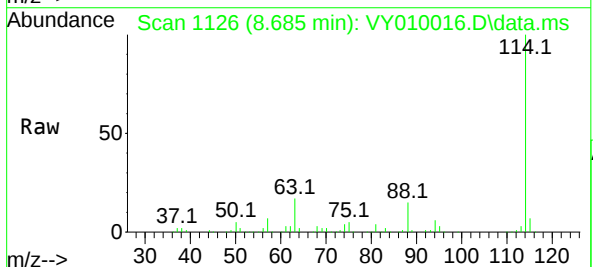
Tgt Ion: 114 Resp: 120404

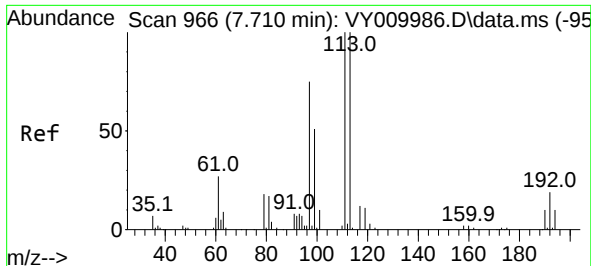
Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.0

88 14.5 0.0 30.0

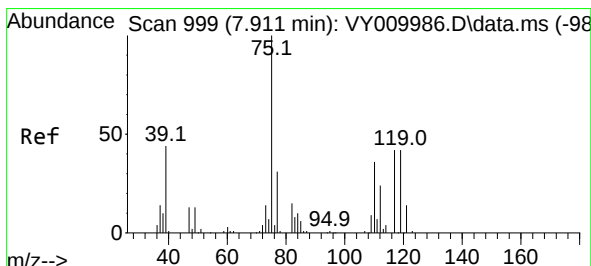
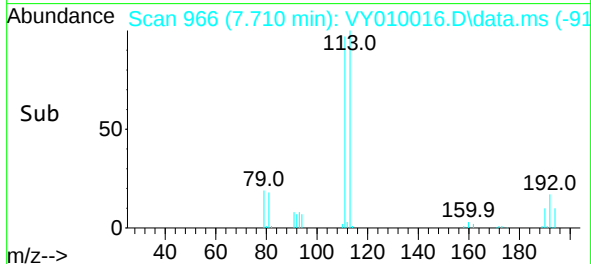
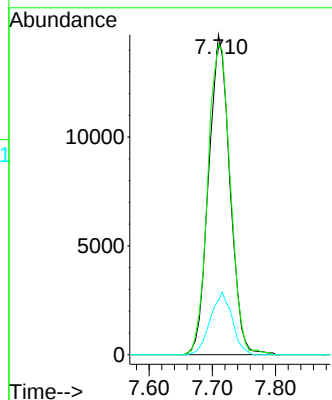
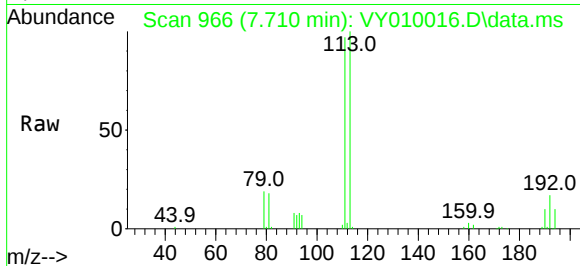




#35
Dibromofluoromethane
Concen: 46.672 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

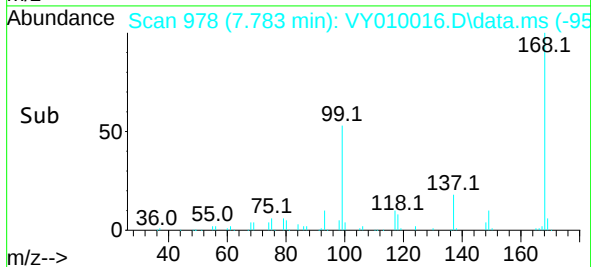
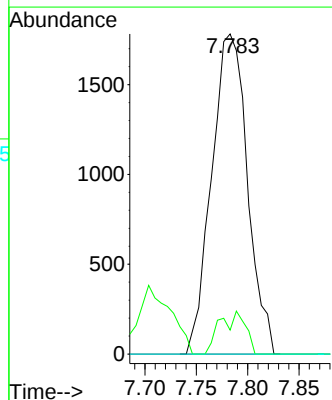
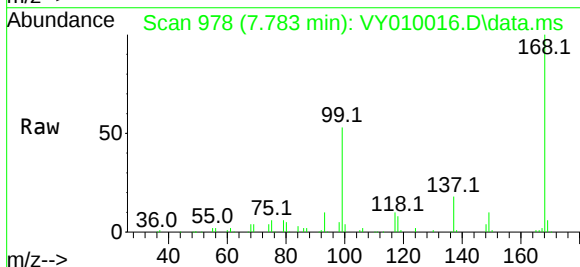
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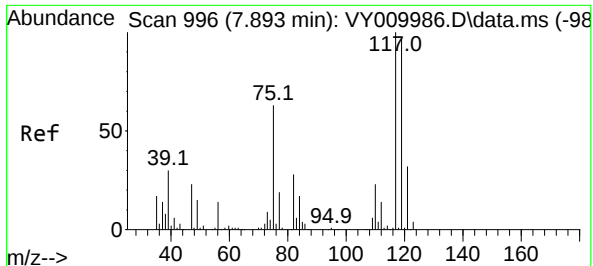
Tgt Ion:113 Resp: 34394
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 20.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 3.939 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

Tgt Ion: 75 Resp: 4323
Ion Ratio Lower Upper
75 100
110 4.9 18.6 56.0#
77 0.0 25.0 37.4#

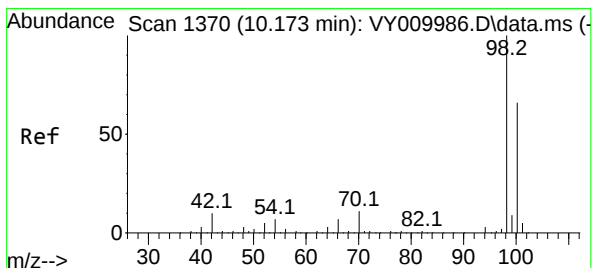
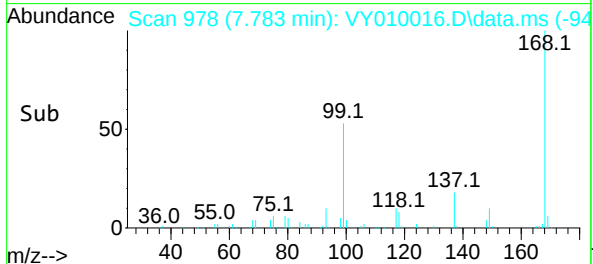
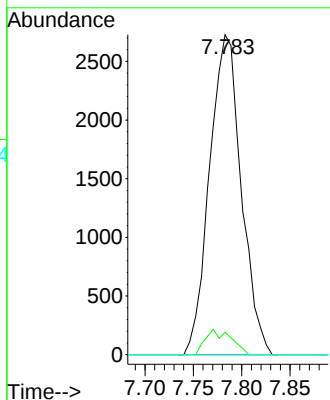
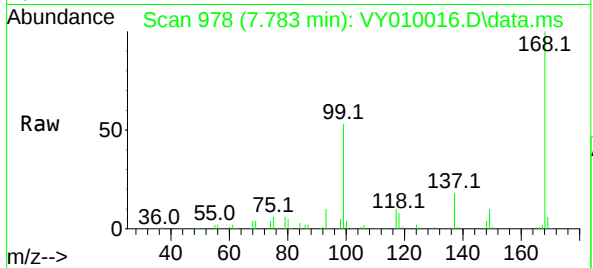




#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

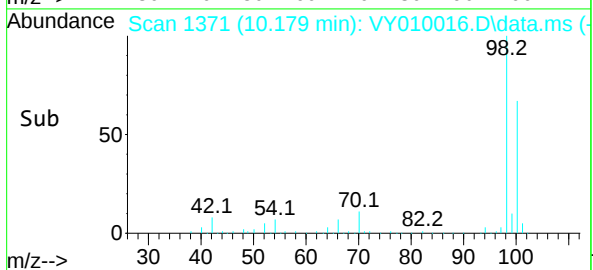
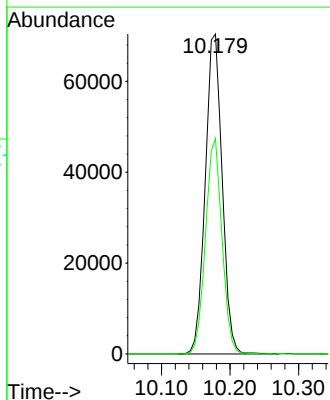
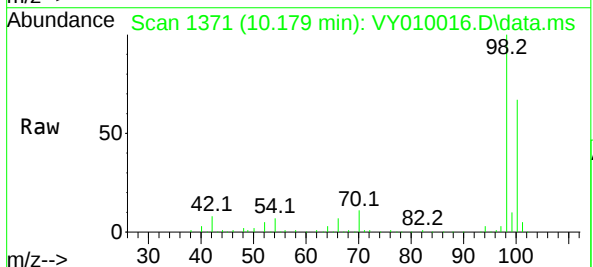
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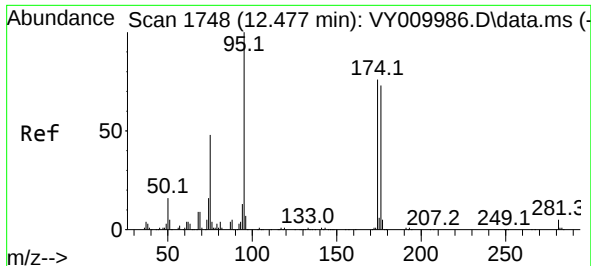
Tgt Ion:117 Resp: 6212
Ion Ratio Lower Upper
117 100
119 7.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.874 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

Tgt Ion: 98 Resp: 121061
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3

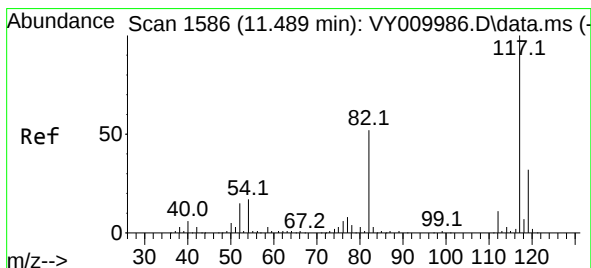
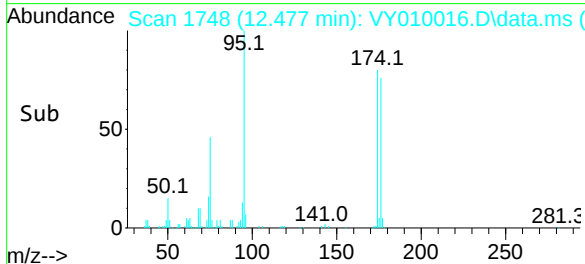
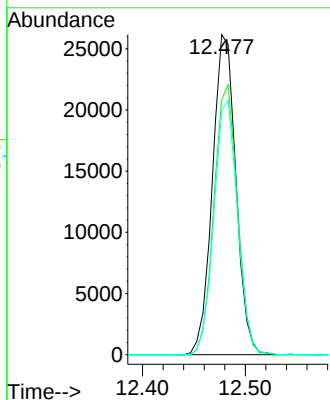
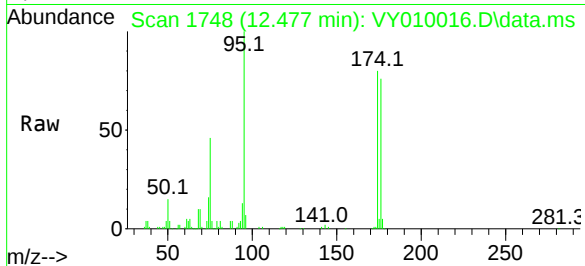




#62
4-Bromofluorobenzene
Concen: 40.021 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

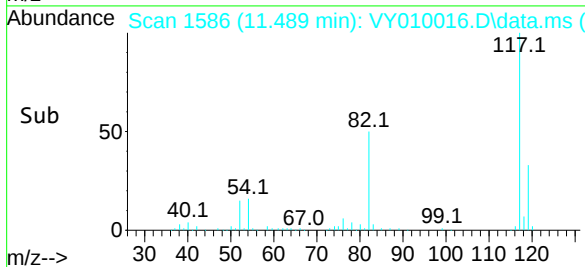
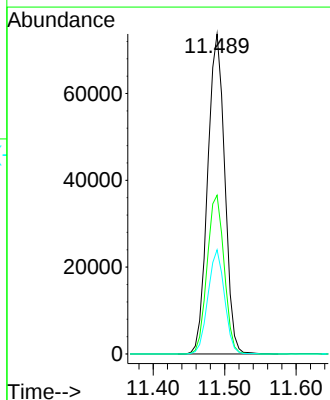
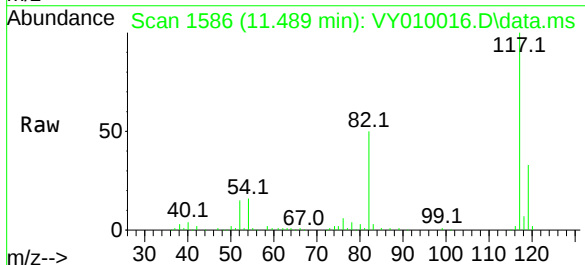
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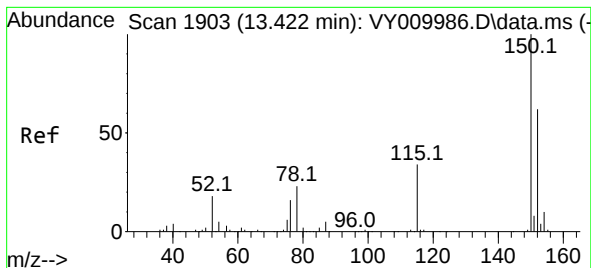
Tgt Ion: 95 Resp: 41403
Ion Ratio Lower Upper
95 100
174 85.0 0.0 173.8
176 79.9 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

Tgt Ion: 117 Resp: 122118
Ion Ratio Lower Upper
117 100
82 49.6 41.8 62.6
119 32.6 25.6 38.4

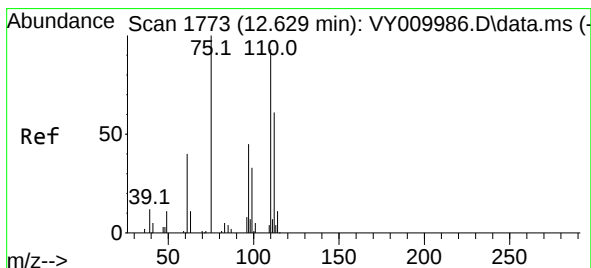
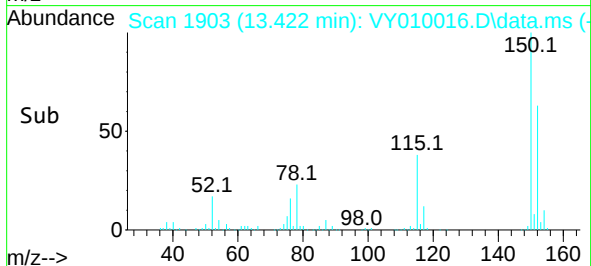
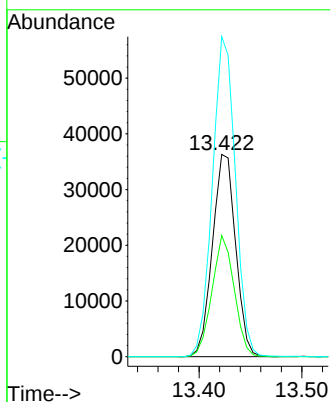
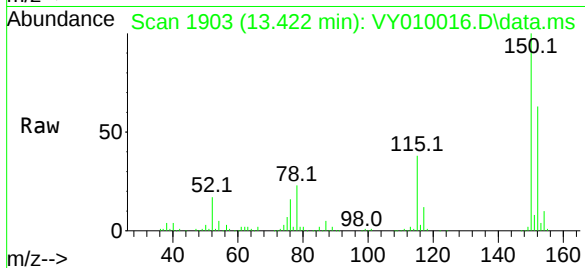




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010016.D
 Acq: 14 Aug 2022 22:34

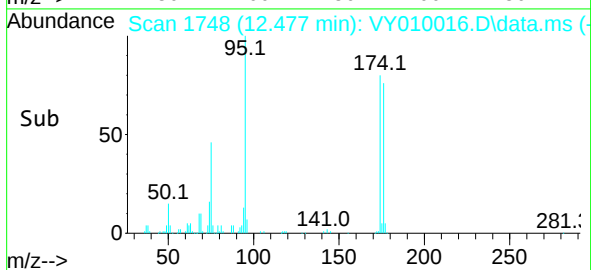
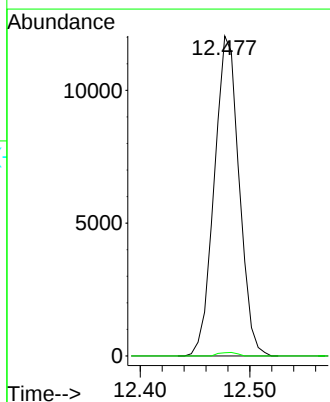
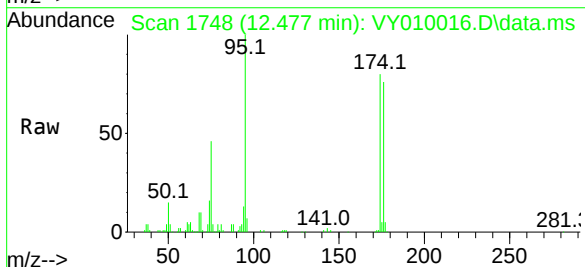
Instrument :
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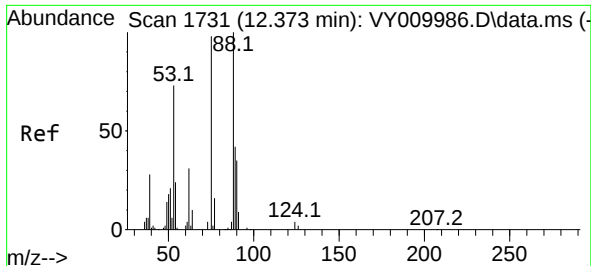
Tgt Ion:152 Resp: 56854
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.6 85.9
 150 156.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.855 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010016.D
 Acq: 14 Aug 2022 22:34

Tgt Ion: 75 Resp: 18958
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#

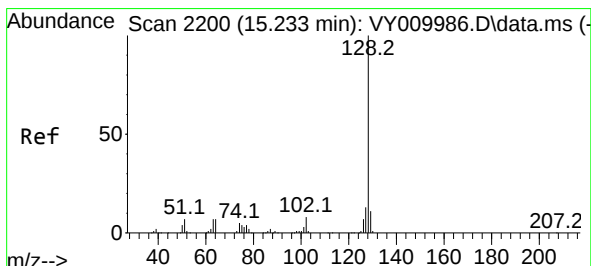
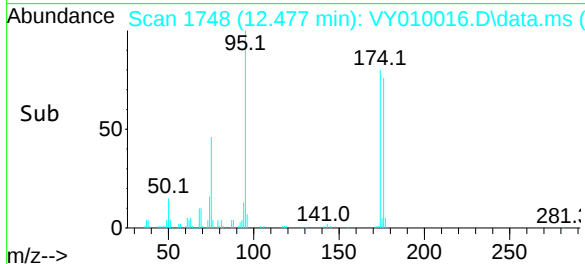
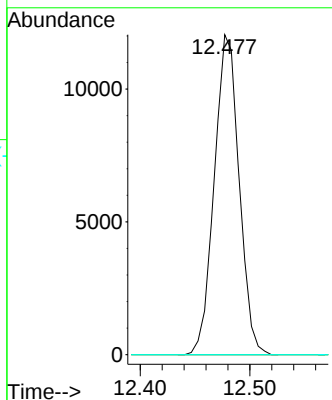
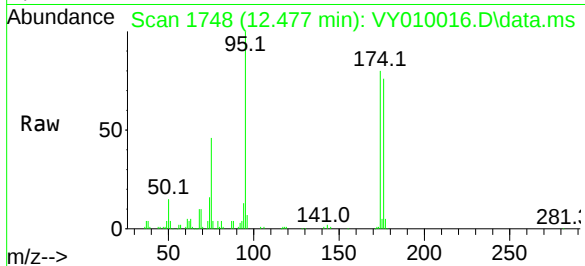




#81
trans-1,4-Dichloro-2-butene
Concen: 62.726 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-01

Tgt Ion: 75 Resp: 18958
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#



#95
Naphthalene
Concen: 3.080 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010016.D
Acq: 14 Aug 2022 22:34

Tgt Ion: 128 Resp: 23
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.8 13.2#

