

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010017.D
 Acq On : 14 Aug 2022 22:57
 Operator : KP/MD
 Sample : N4046-03
 Misc : 6.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-02

Quant Time: Aug 15 00:43:20 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)

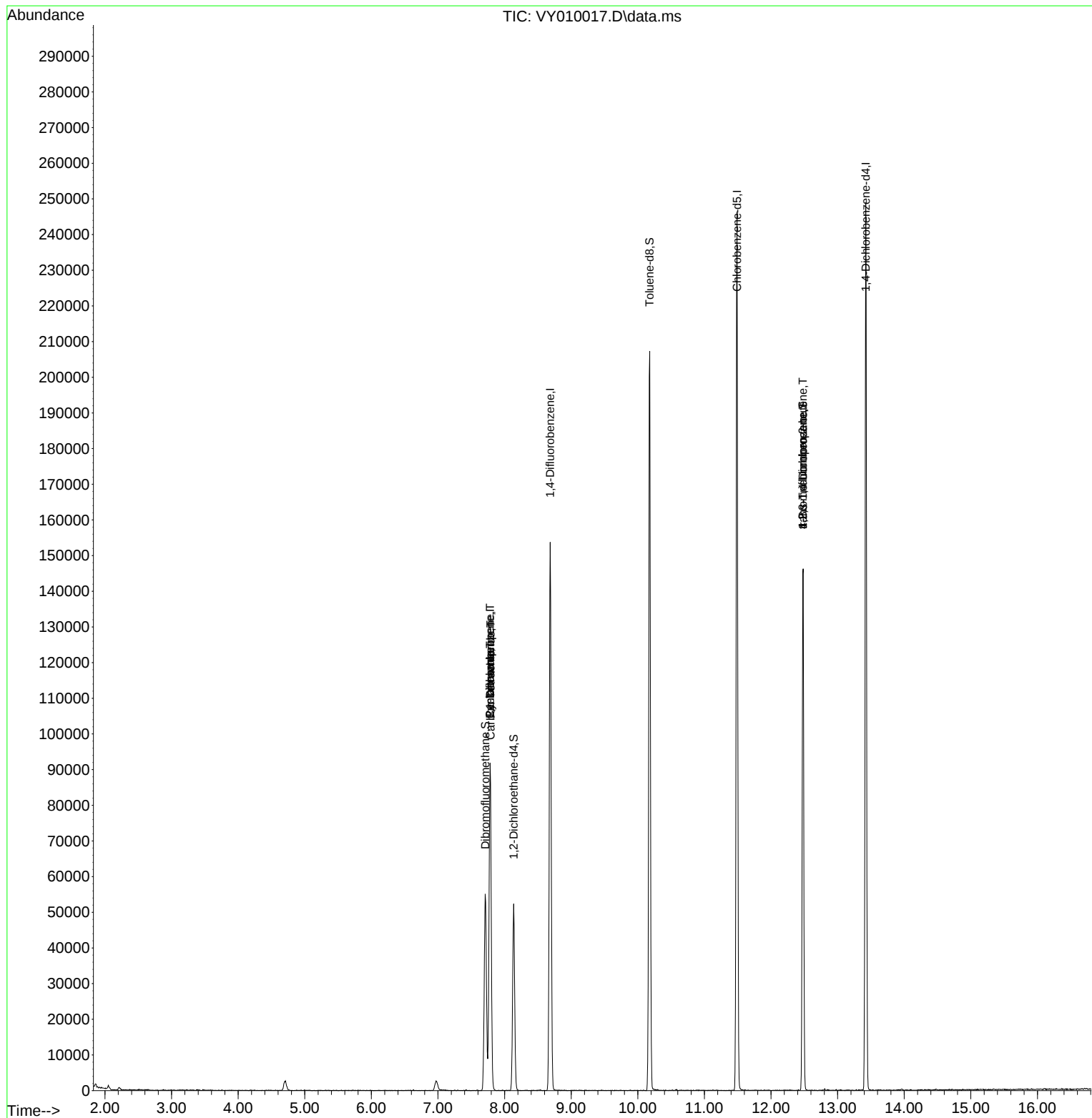
Internal Standards						
1) Pentafluorobenzene	7.783	168	73212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39641	53.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.760%	
35) Dibromofluoromethane	7.710	113	39560	45.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.740%	
50) Toluene-d8	10.179	98	143133	43.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.640%	
62) 4-Bromofluorobenzene	12.477	95	48566	40.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.240%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.466	43	81	Below Cal	#	52
20) Methylene Chloride	4.710	84	2394	Below Cal	#	83
31) Cyclohexane	7.783	56	1332	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5074	3.951	ug/l #	48
38) Carbon Tetrachloride	7.789	117	7264	5.668	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	22610	29.855	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22610	64.899	ug/l #	13

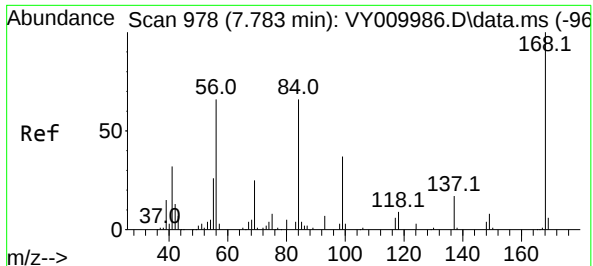
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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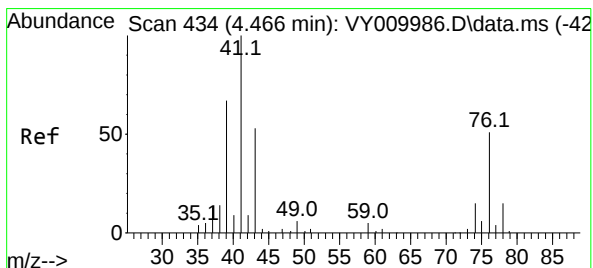
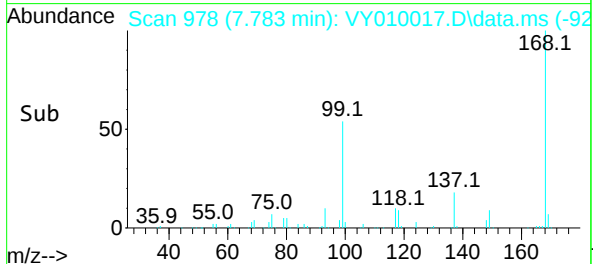
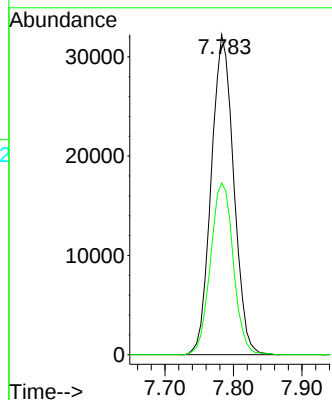
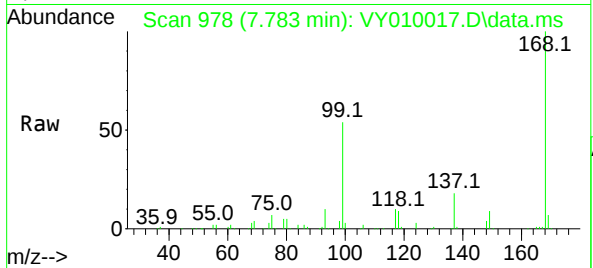




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

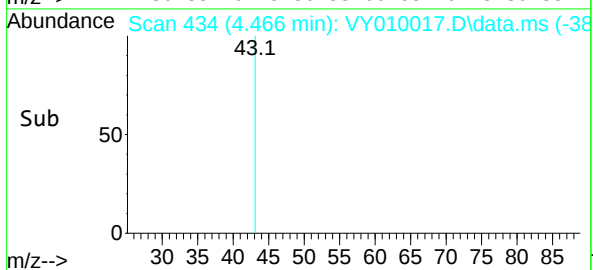
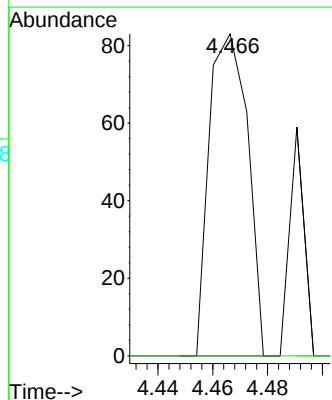
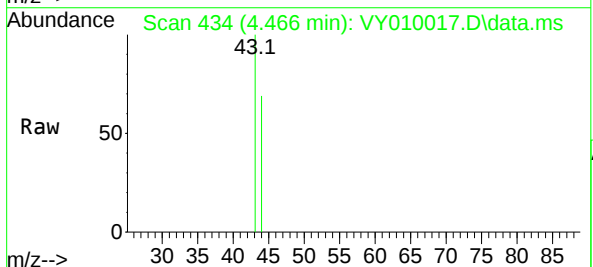
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-02

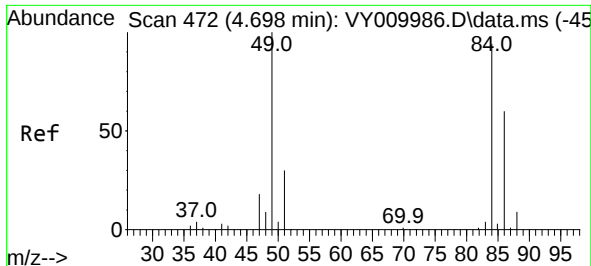
Tgt Ion:168 Resp: 73212
Ion Ratio Lower Upper
168 100
99 53.6 42.1 63.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#

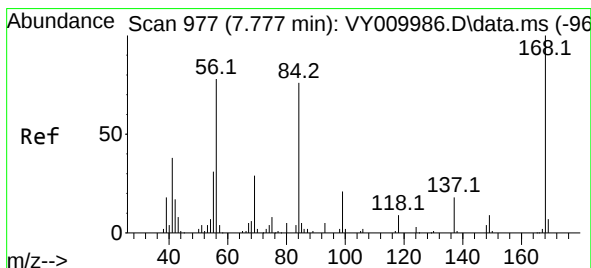
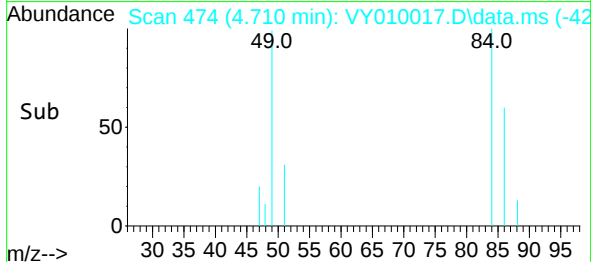
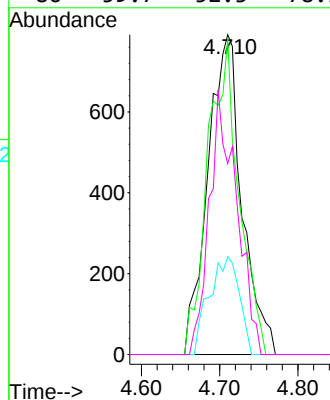
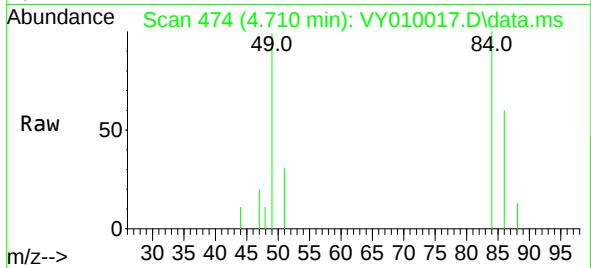




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

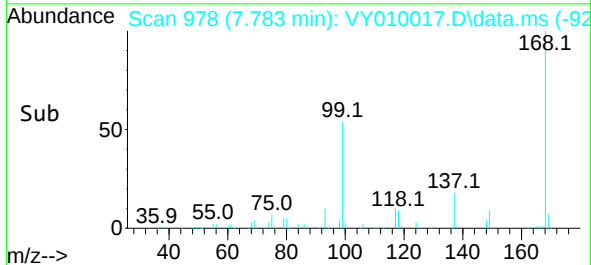
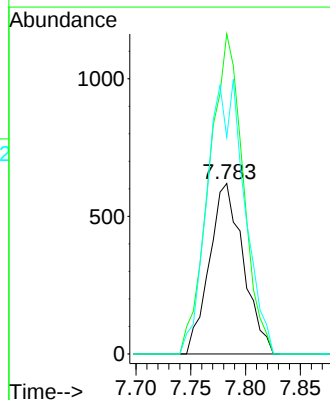
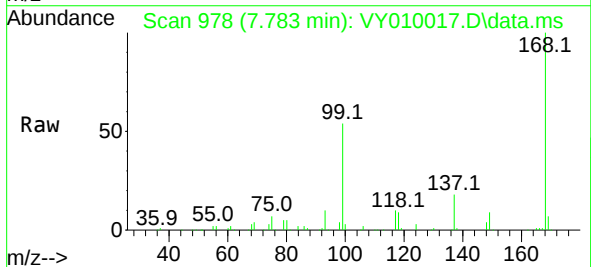
Instrument :
MSVOA_Y
ClientSampleId :
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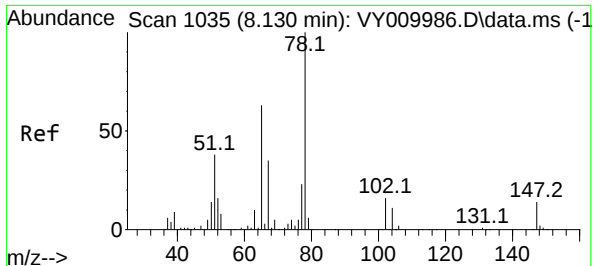
Tgt Ion:	84	Resp:	2394
Ion	Ratio	Lower	Upper
84	100		
49	98.9	98.2	147.4
51	30.6	33.4	50.0#
86	59.7	52.3	78.5



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Tgt Ion:	56	Resp:	1332
Ion	Ratio	Lower	Upper
56	100		
69	187.9	26.0	39.0#
84	127.3	69.5	104.3#





#33

1,2-Dichloroethane-d4

Concen: 53.377 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010017.D

Acq: 14 Aug 2022 22:57

Instrument :

MSVOA_Y

ClientSampleId :

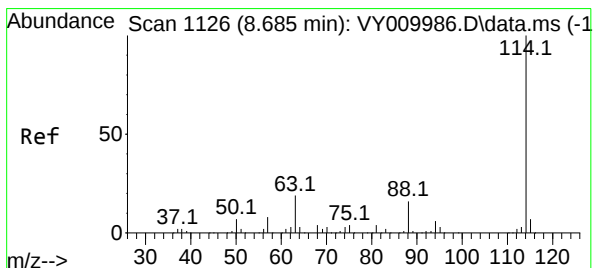
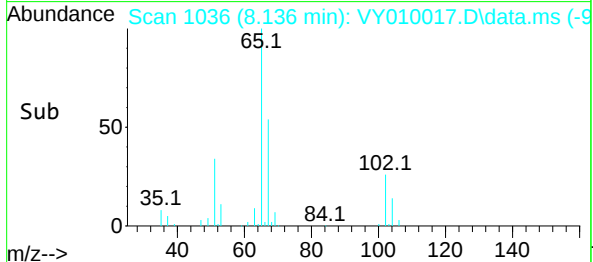
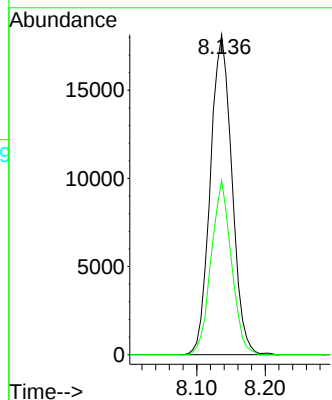
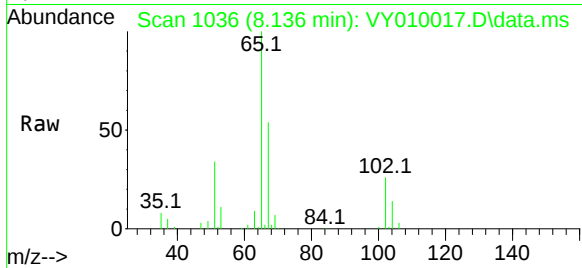
BEACONPOINT-BACKFILL-02

Tgt Ion: 65 Resp: 39641

Ion Ratio Lower Upper

65 100

67 51.2 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: VY010017.D

Acq: 14 Aug 2022 22:57

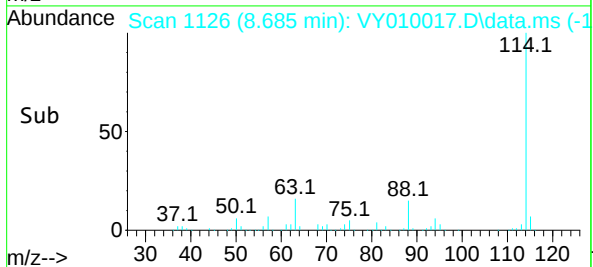
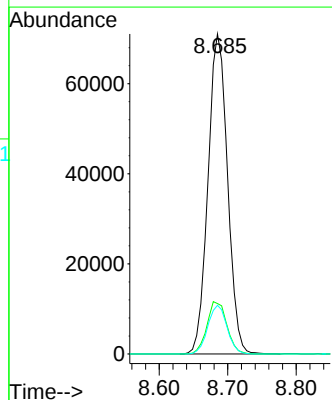
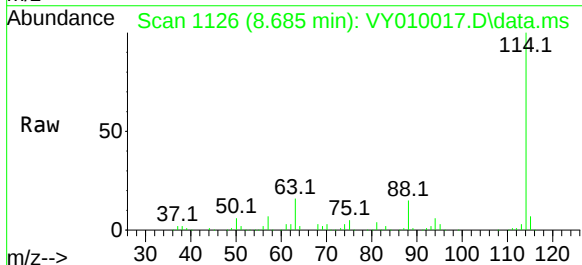
Tgt Ion:114 Resp: 140901

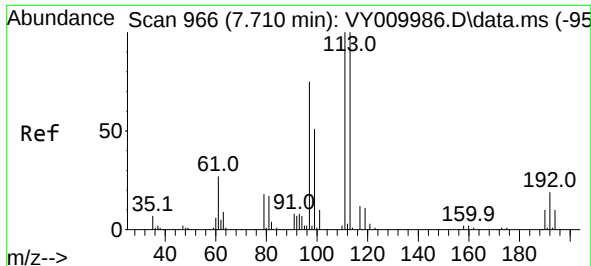
Ion Ratio Lower Upper

114 100

63 15.7 0.0 38.0

88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.873 ug/l

RT: 7.710 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY010017.D

Acq: 14 Aug 2022 22:57

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-02

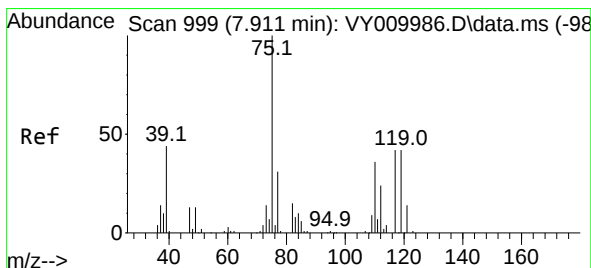
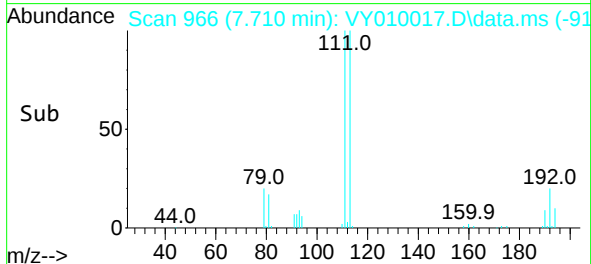
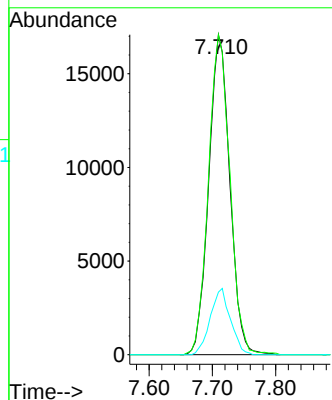
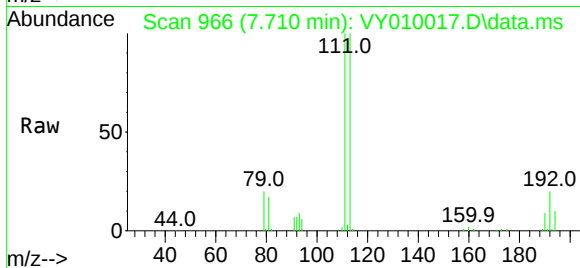
Tgt Ion:113 Resp: 39560

Ion Ratio Lower Upper

113 100

111 101.9 80.6 120.8

192 19.8 16.2 24.4



#36

1,1-Dichloropropene

Concen: 3.951 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY010017.D

Acq: 14 Aug 2022 22:57

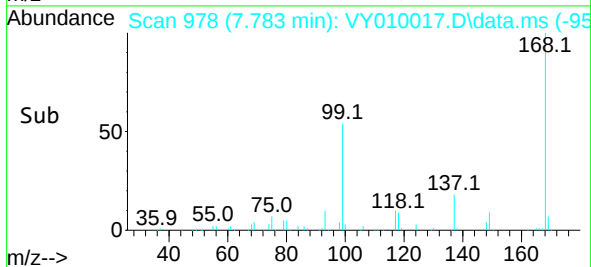
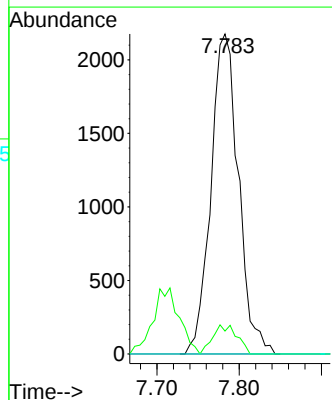
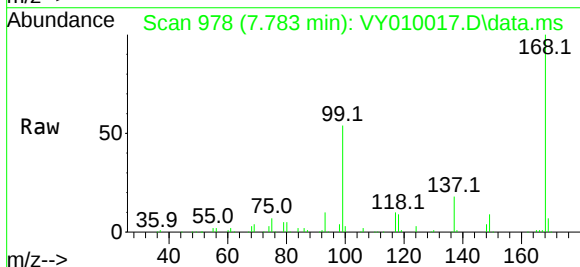
Tgt Ion: 75 Resp: 5074

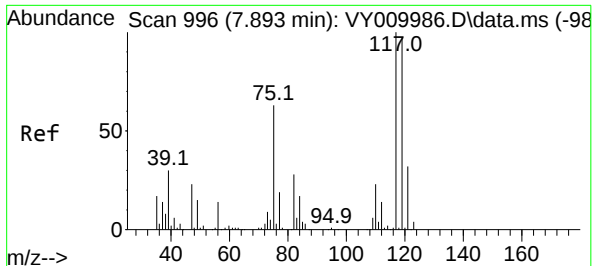
Ion Ratio Lower Upper

75 100

110 8.0 18.6 56.0#

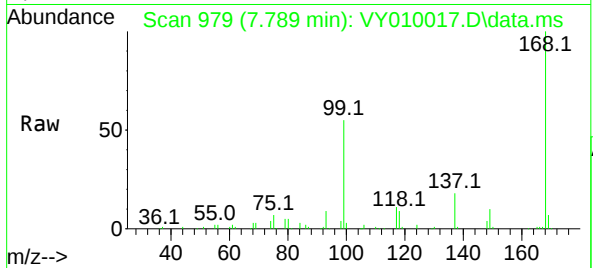
77 0.0 25.0 37.4#



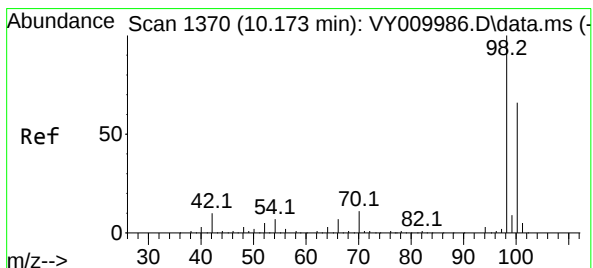
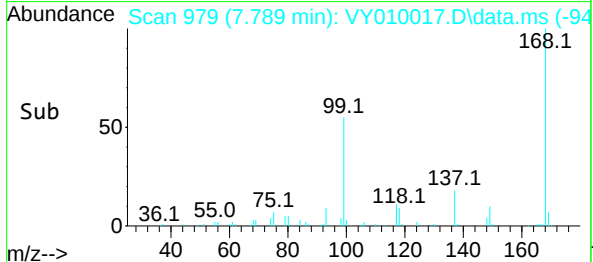
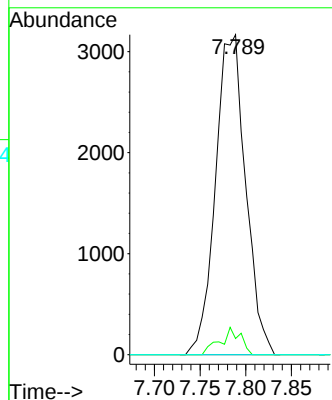


#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-02

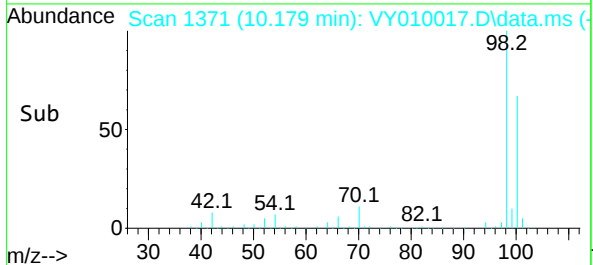
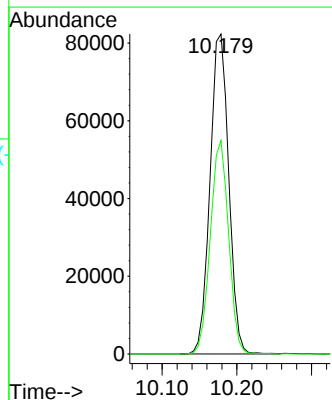
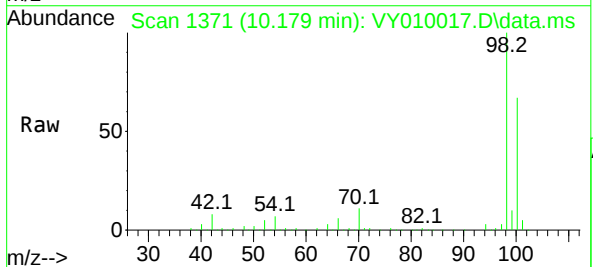


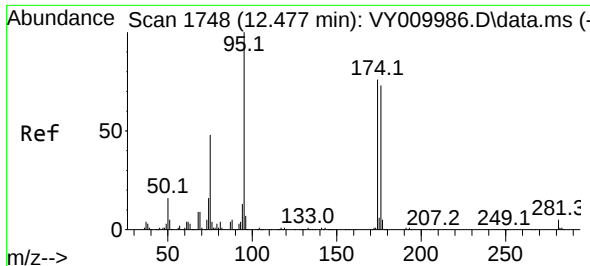
Tgt Ion:117 Resp: 7264
Ion Ratio Lower Upper
117 100
119 5.1 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 43.317 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Tgt Ion: 98 Resp: 143133
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3

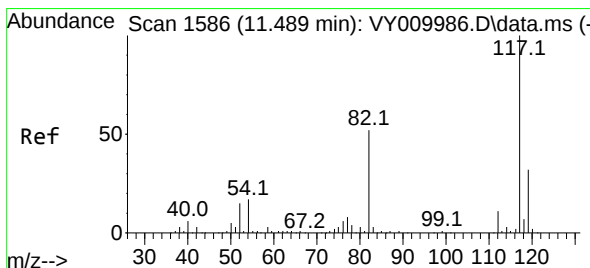
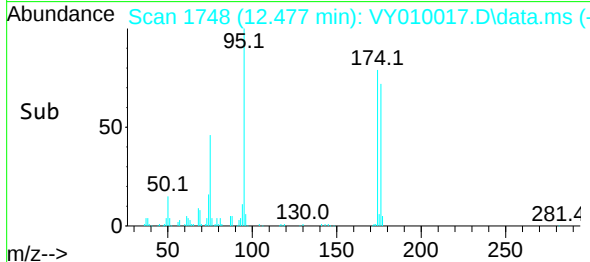
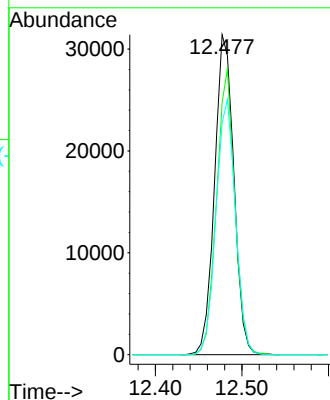
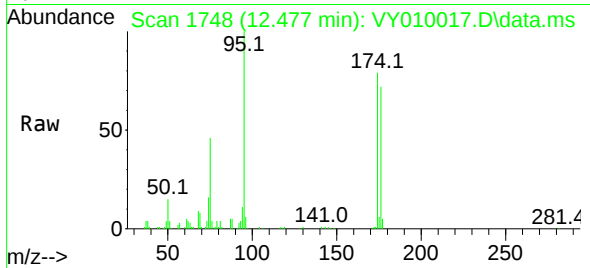




#62
4-Bromofluorobenzene
Concen: 40.116 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

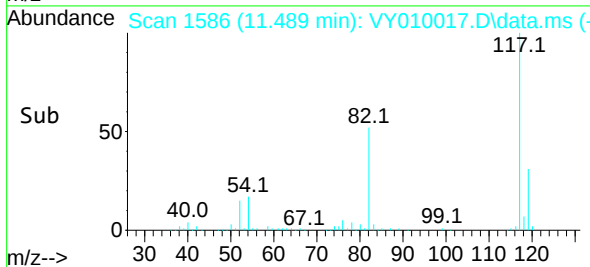
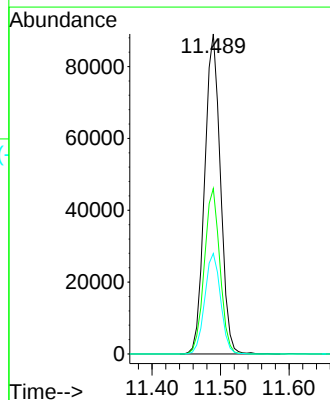
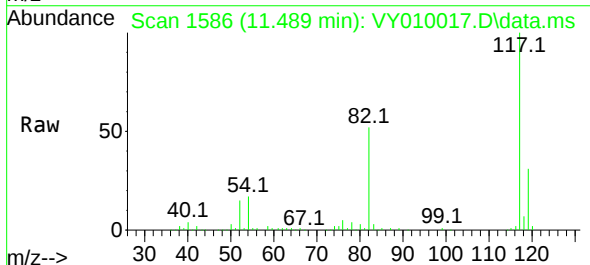
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MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-02

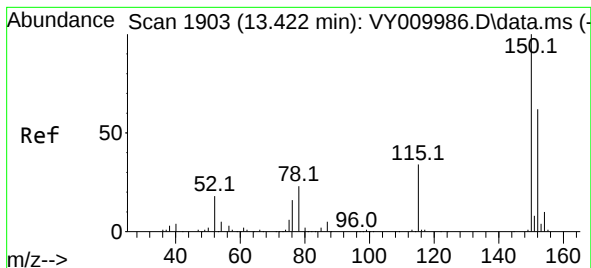
Tgt Ion: 95 Resp: 48566
Ion Ratio Lower Upper
95 100
174 84.5 0.0 173.8
176 80.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Tgt Ion: 117 Resp: 142673
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.6
119 31.4 25.6 38.4

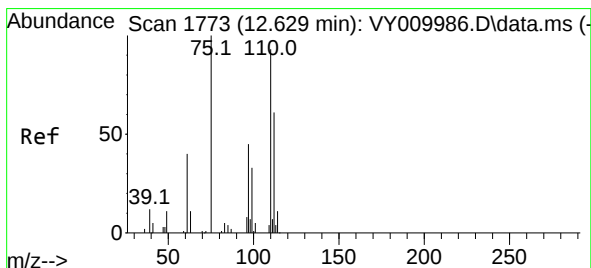
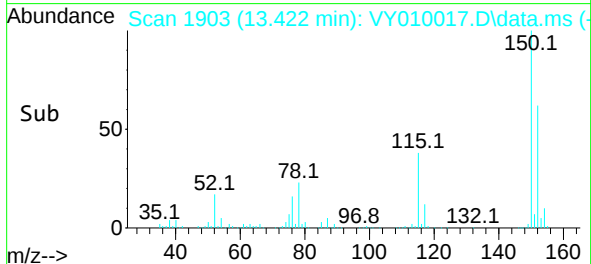
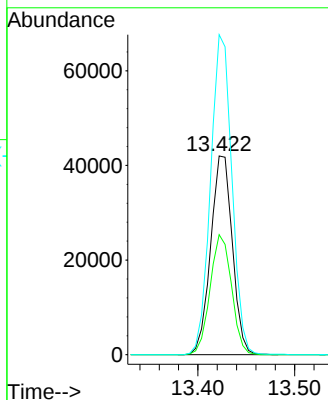
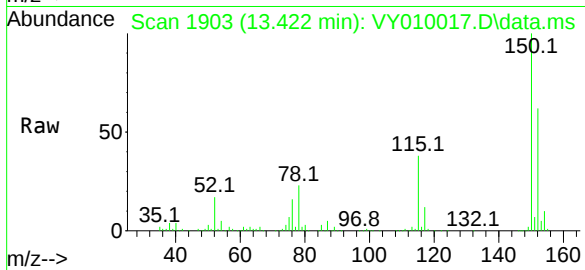




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010017.D
 Acq: 14 Aug 2022 22:57

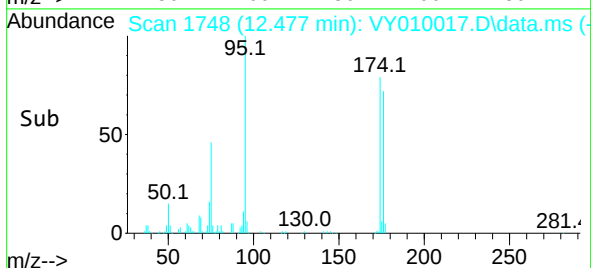
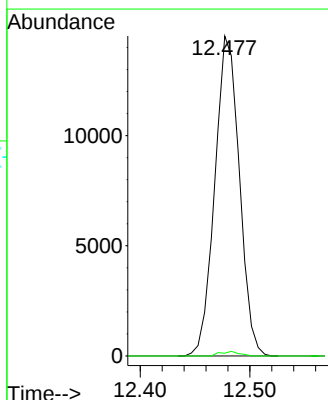
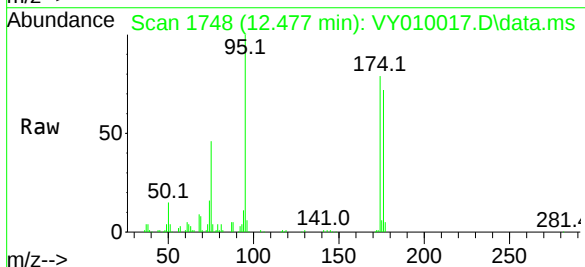
Instrument :
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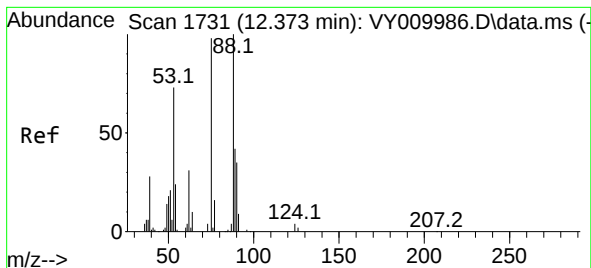
Tgt Ion:152 Resp: 65536
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.6 85.9
 150 158.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.855 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010017.D
 Acq: 14 Aug 2022 22:57

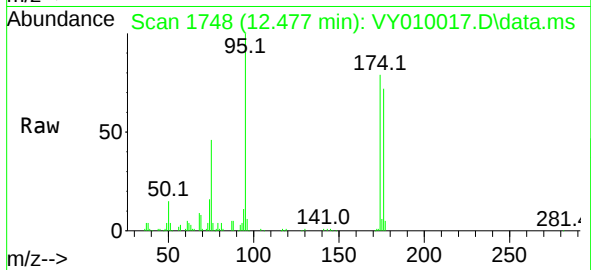
Tgt Ion: 75 Resp: 22610
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.899 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010017.D
 Acq: 14 Aug 2022 22:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-02



Tgt Ion: 75 Resp: 22610
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

