

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074011.D
 Acq On : 10 Aug 2022 02:54
 Operator : VA/SY
 Sample : N4046-15
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-08

Quant Time: Aug 10 04:48:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

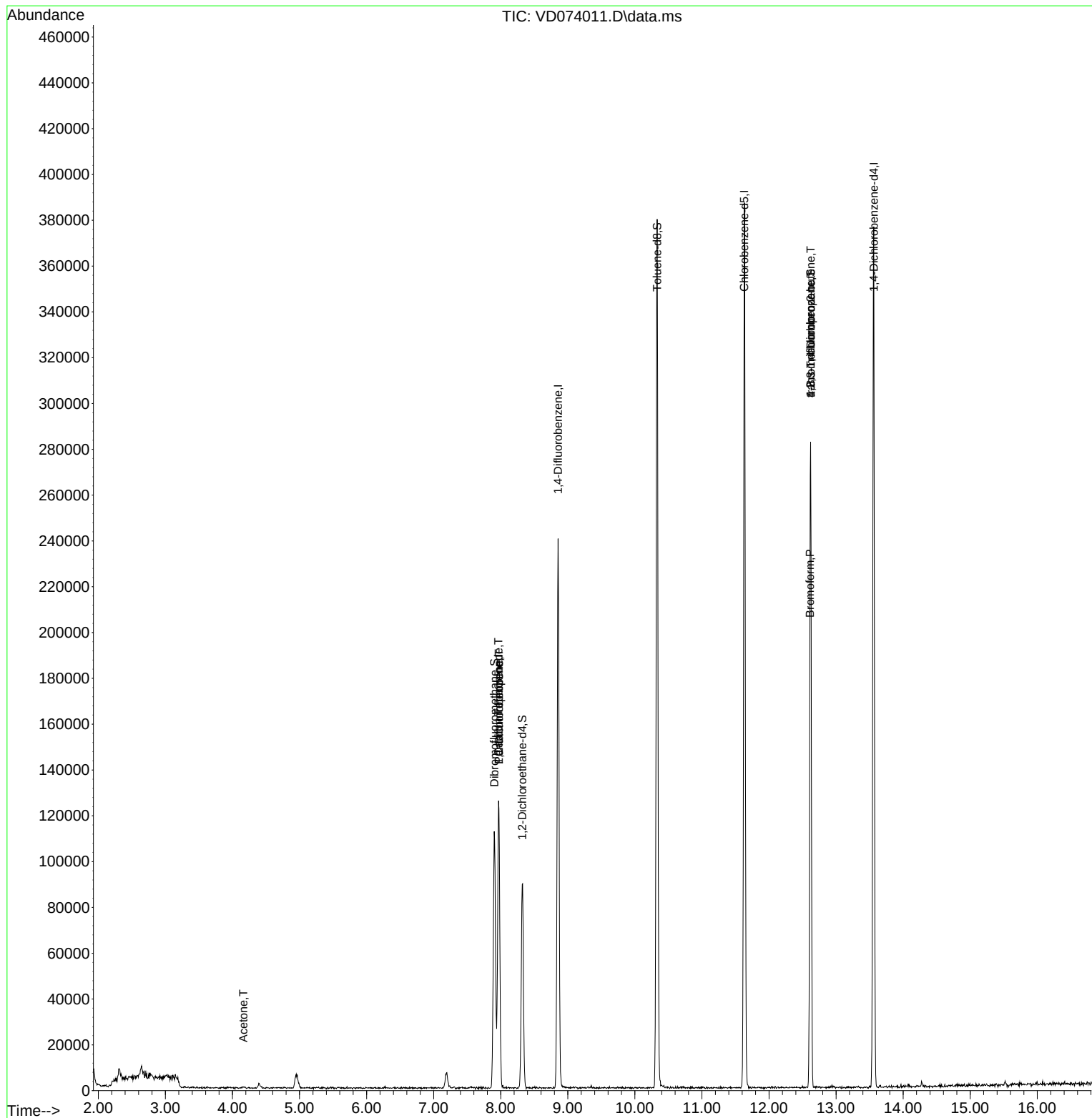
Internal Standards						
1) Pentafluorobenzene	7.973	168	89209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	198763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	214711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	99462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	69821	88.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.560%#	
35) Dibromofluoromethane	7.903	113	79225	65.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.500%	
50) Toluene-d8	10.332	98	257698	71.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 143.700%#	
62) 4-Bromofluorobenzene	12.620	95	90310	58.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	515	Below Cal	#	40
5) Bromomethane	2.768	94	736	Below Cal	#	20
11) Tert butyl alcohol	5.215	59	115	Below Cal	#	74
16) Acetone	4.162	43	658	3.990	ug/l #	46
17) Carbon Disulfide	4.391	76	3755	Below Cal	#	80
18) Methyl Acetate	4.973	43	87	Below Cal	#	49
20) Methylene Chloride	4.956	84	4837	Below Cal	#	91
31) Cyclohexane	7.973	56	2466	Below Cal	#	50
36) 1,1-Dichloropropene	7.973	75	7584	4.438	ug/l #	46
38) Carbon Tetrachloride	7.967	117	9756	4.849	ug/l #	13
71) Bromoform	12.608	173	1055	1.103	ug/l #	29
76) 1,2,3-Trichloropropane	12.620	75	49961	66.272	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	49961	142.437	ug/l #	13

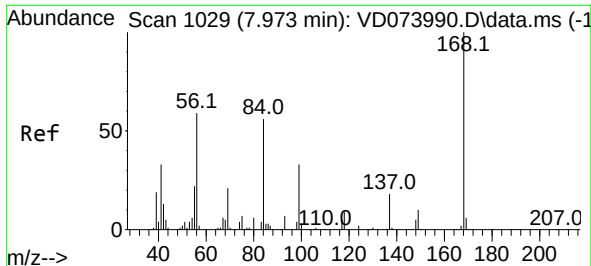
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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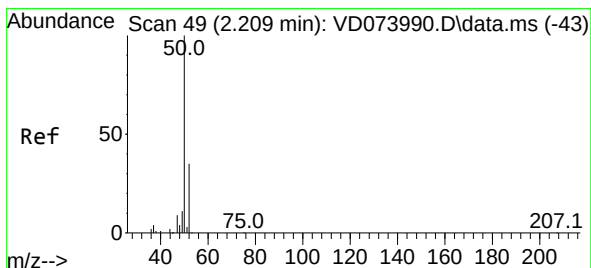
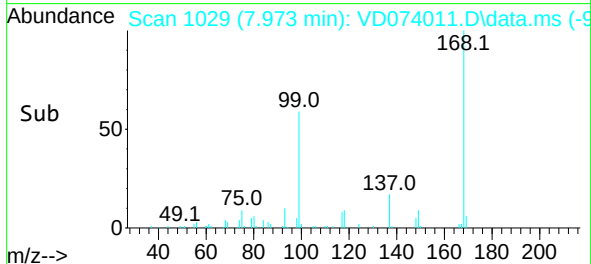
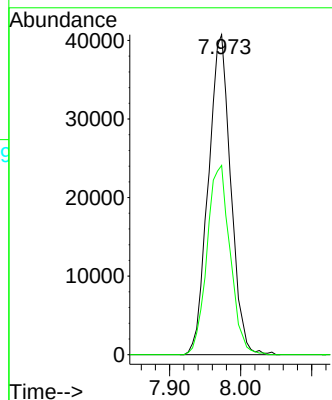
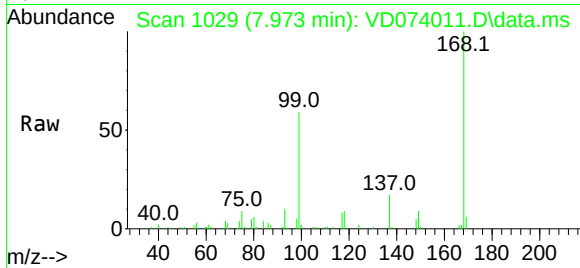




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

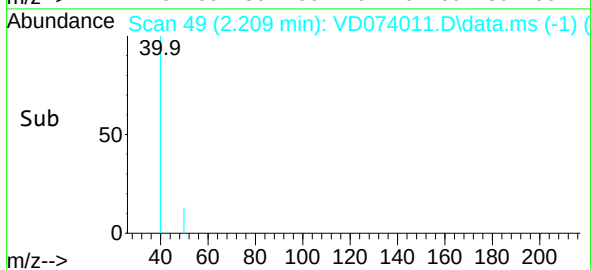
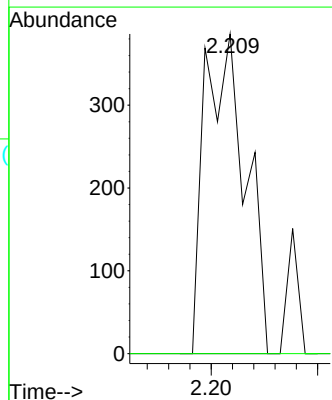
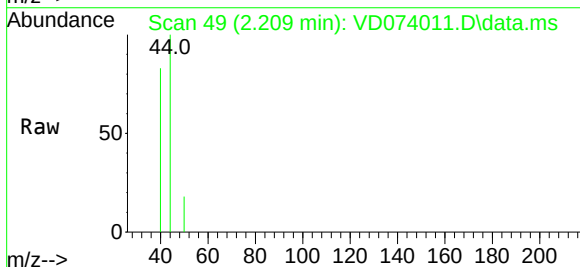
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-08

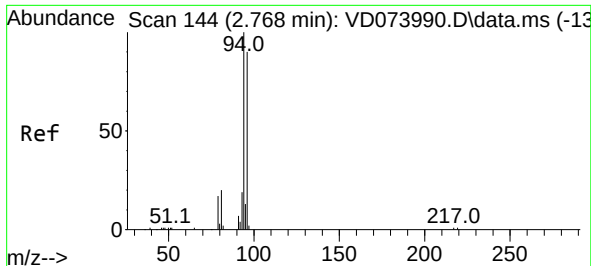
Tgt Ion:168 Resp: 89209
Ion Ratio Lower Upper
168 100
99 59.2 48.3 72.5



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#

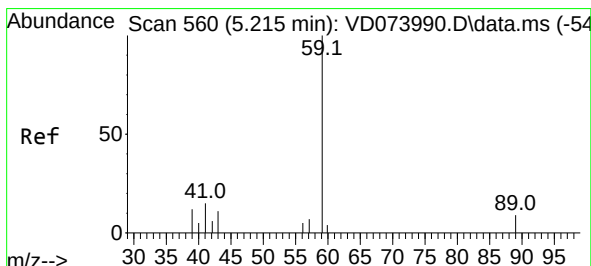
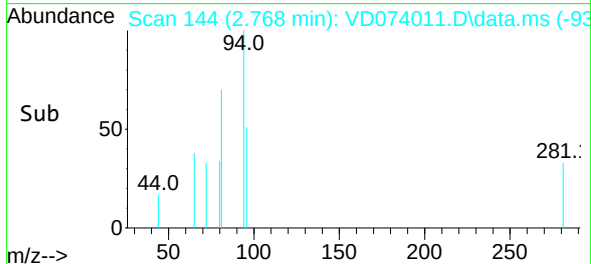
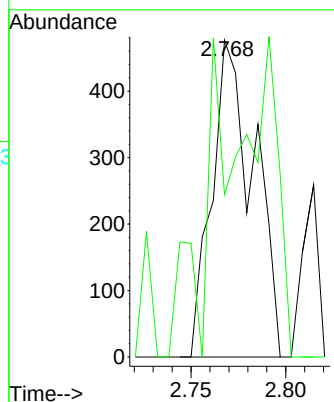
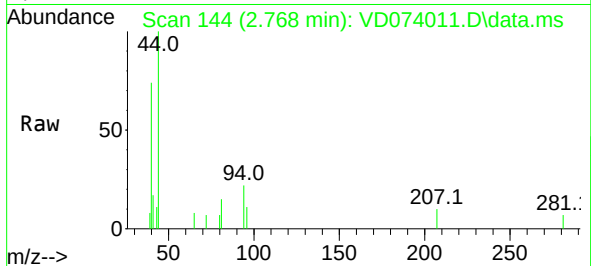




#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

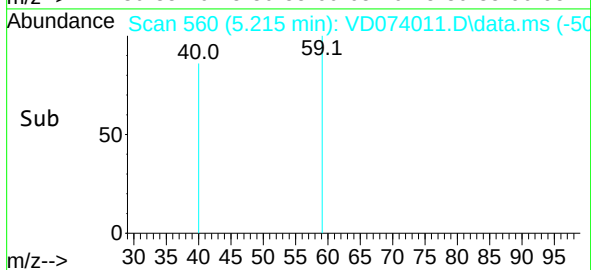
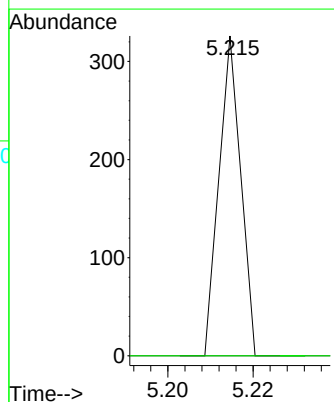
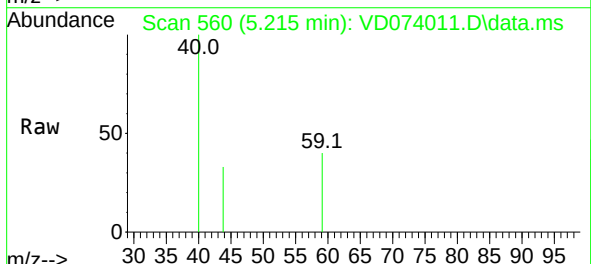
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-08

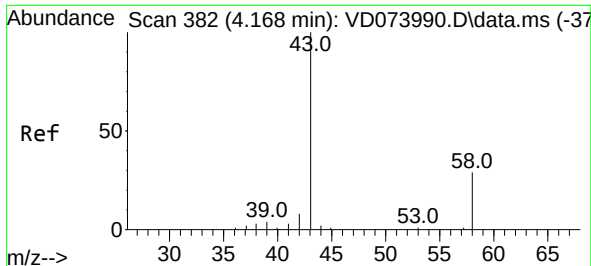
Tgt Ion: 94 Resp: 736
Ion Ratio Lower Upper
94 100
96 14.9 72.0 108.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.000 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Tgt Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

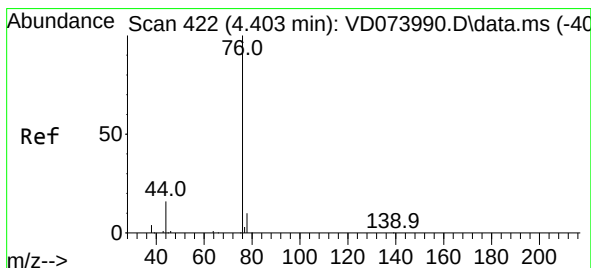
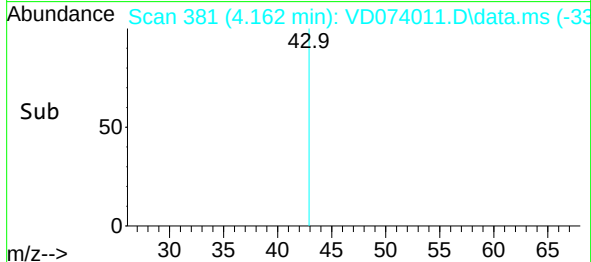
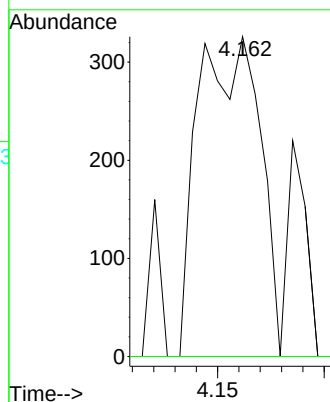
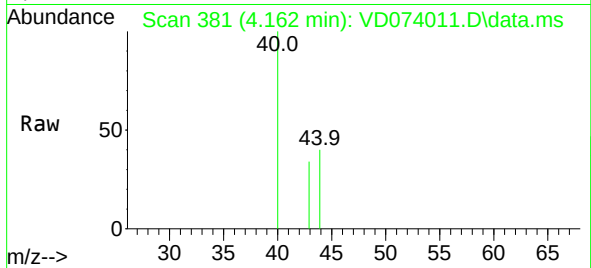




#16
Acetone
Concen: 3.990 ug/l
RT: 4.162 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

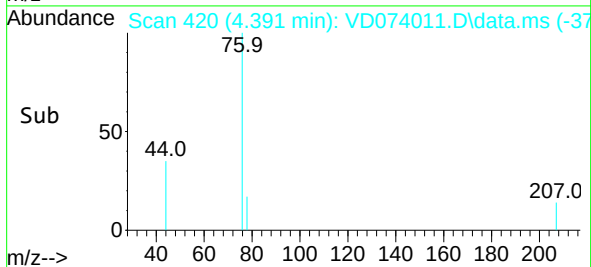
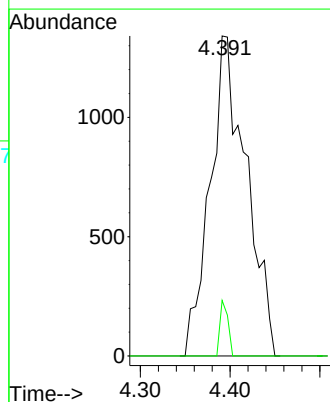
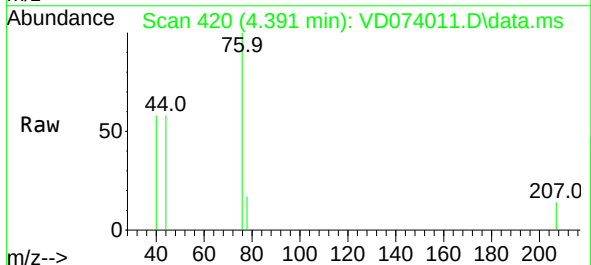
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-08

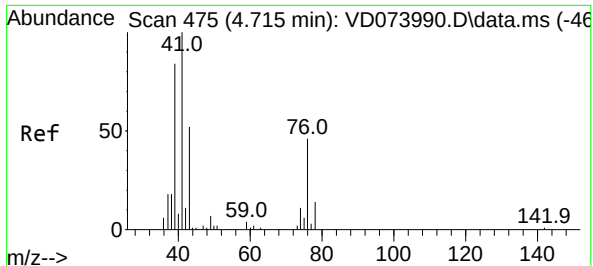
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 0.0 22.8 34.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.391 min Scan# 420
Delta R.T. -0.012 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Tgt Ion: 76 Resp: 3755
Ion Ratio Lower Upper
76 100
78 17.4 7.9 11.9#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.973 min Scan# 51

Delta R.T. 0.258 min

Lab File: VD074011.D

Acq: 10 Aug 2022 02:54

Instrument :

MSVOA_D

ClientSampleId :

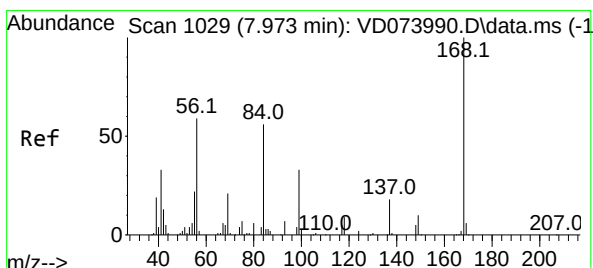
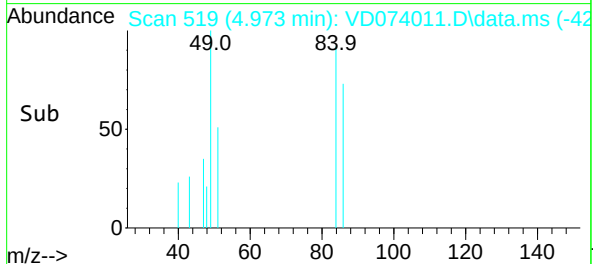
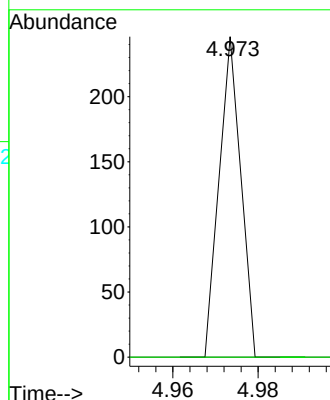
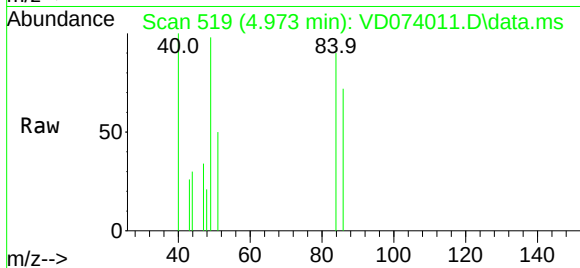
BEACONPOINT-BACKFILL-08

Tgt Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD074011.D

Acq: 10 Aug 2022 02:54

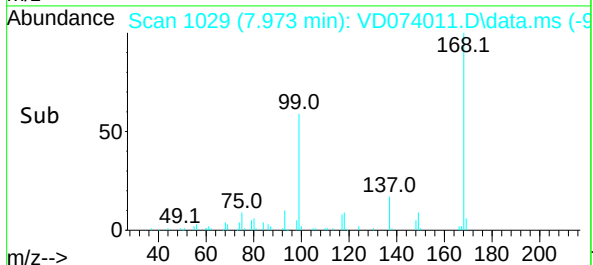
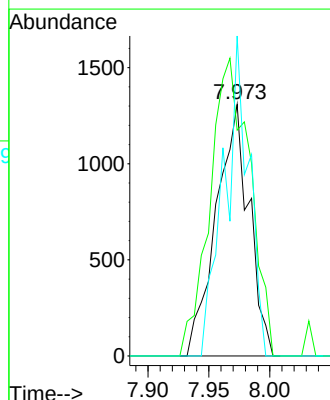
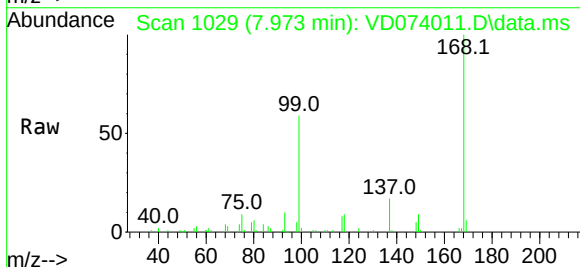
Tgt Ion: 56 Resp: 2466

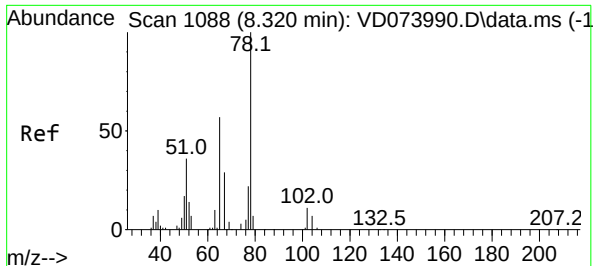
Ion Ratio Lower Upper

56 100

69 89.8 27.9 41.9#

84 127.2 75.8 113.6#





#33

1,2-Dichloroethane-d4

Concen: 88.279 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074011.D

Acq: 10 Aug 2022 02:54

Instrument :

MSVOA_D

ClientSampleId :

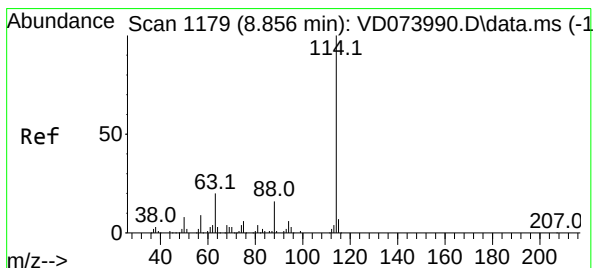
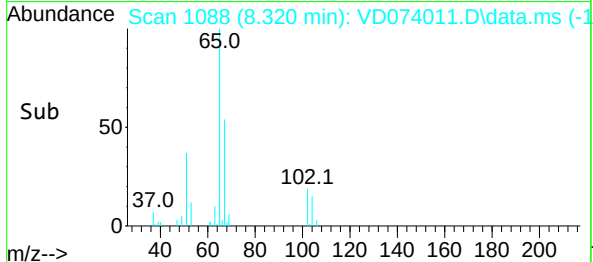
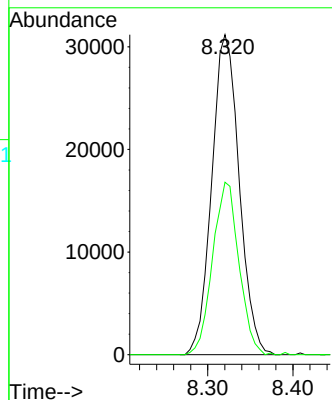
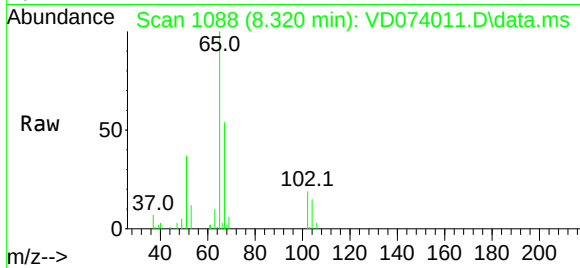
BEACONPOINT-BACKFILL-08

Tgt Ion: 65 Resp: 69821

Ion Ratio Lower Upper

65 100

67 51.6 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074011.D

Acq: 10 Aug 2022 02:54

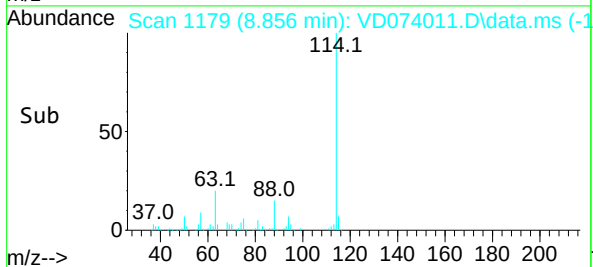
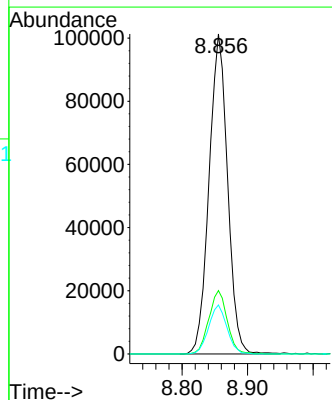
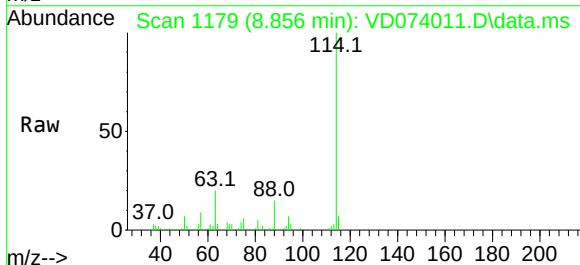
Tgt Ion: 114 Resp: 198763

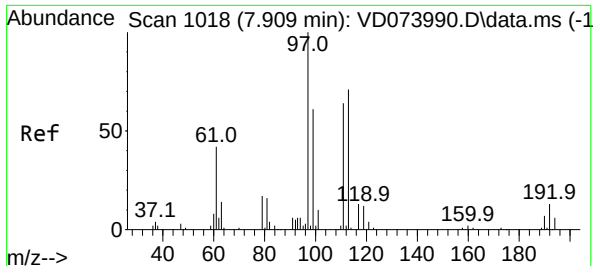
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.0

88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 65.249 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074011.D

Acq: 10 Aug 2022 02:54

Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-08

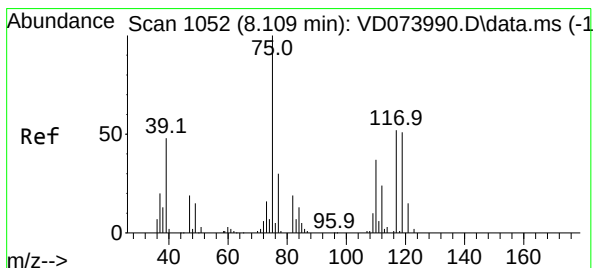
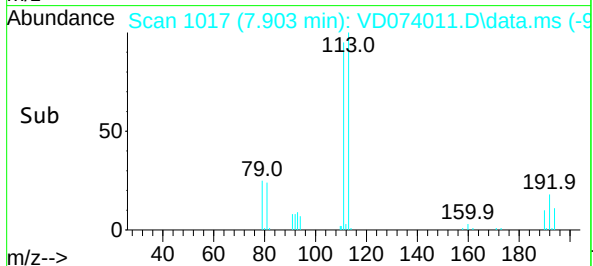
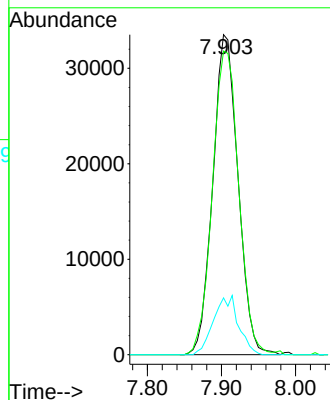
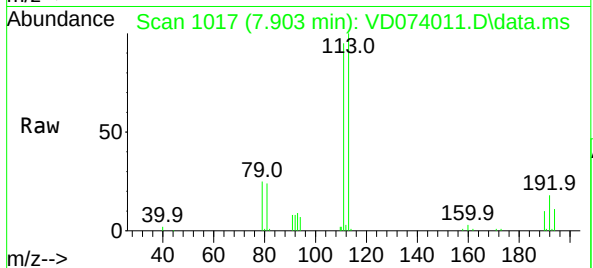
Tgt Ion:113 Resp: 79225

Ion Ratio Lower Upper

113 100

111 99.7 80.0 120.0

192 18.2 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.438 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD074011.D

Acq: 10 Aug 2022 02:54

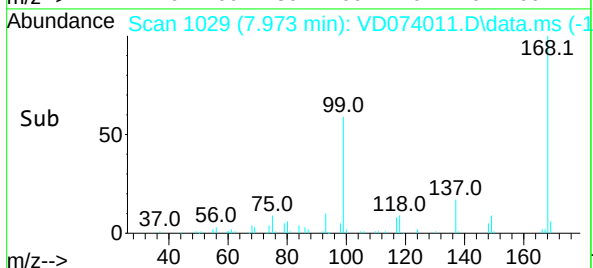
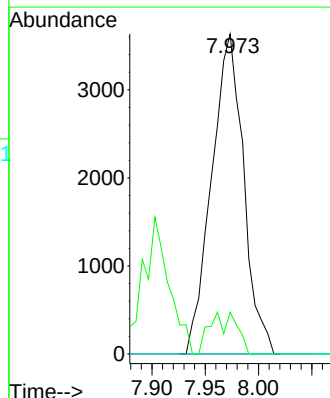
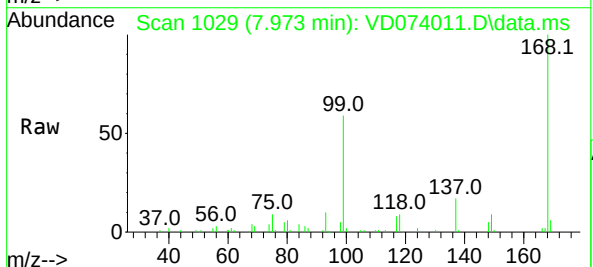
Tgt Ion: 75 Resp: 7584

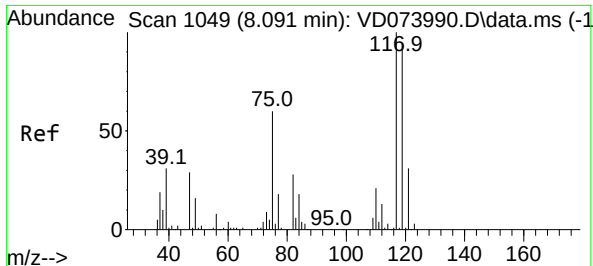
Ion Ratio Lower Upper

75 100

110 6.2 18.4 55.4#

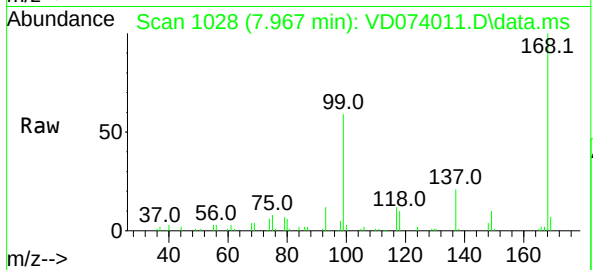
77 0.0 24.6 36.8#



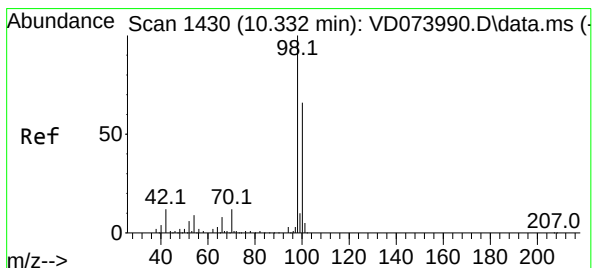
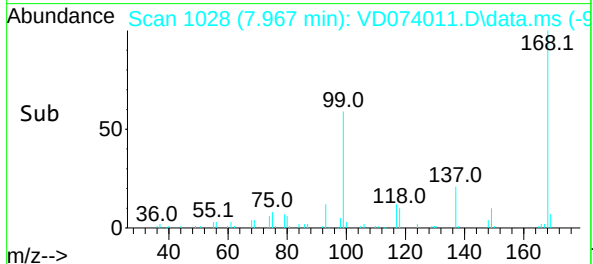
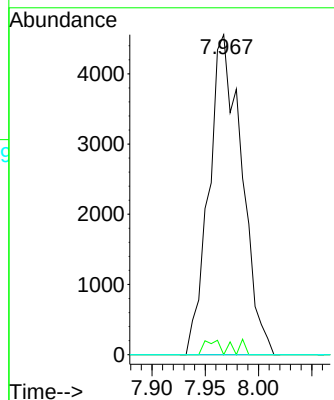


#38
Carbon Tetrachloride
Concen: 4.849 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-08

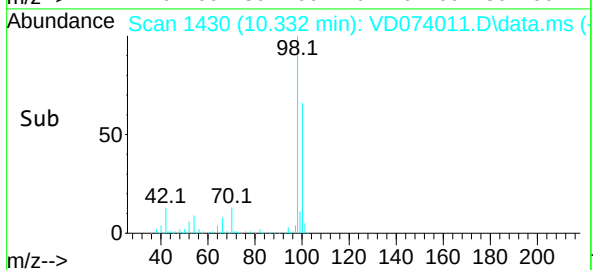
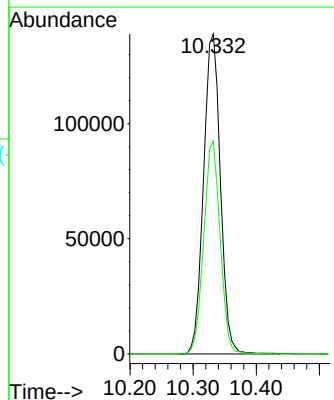
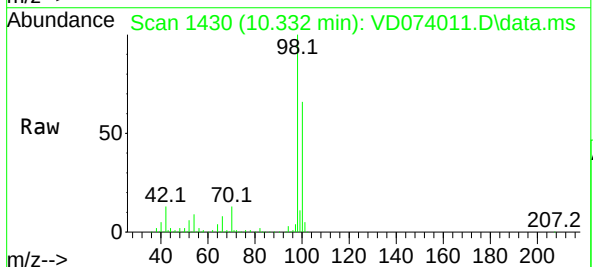


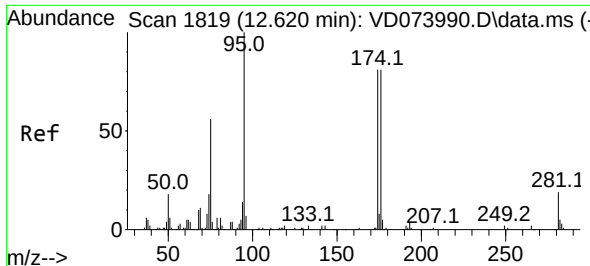
Tgt Ion:117 Resp: 9756
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 71.848 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Tgt Ion: 98 Resp: 257698
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9

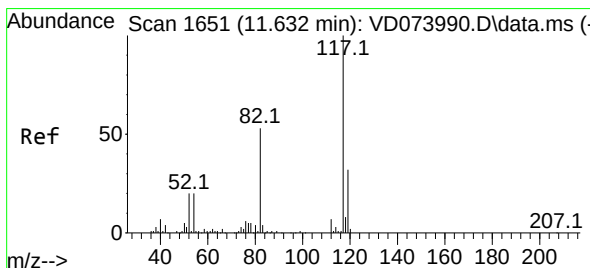
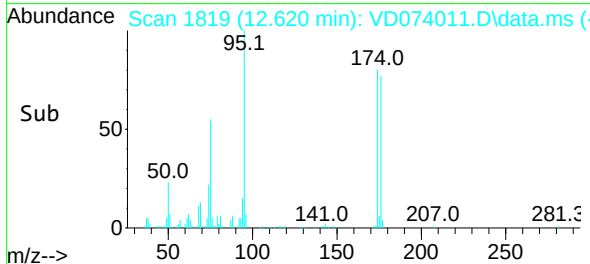
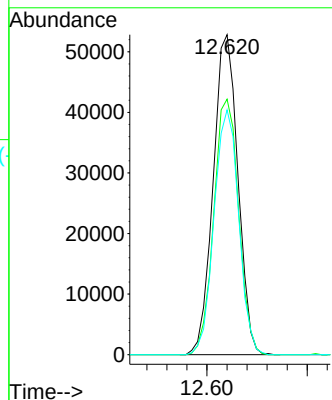
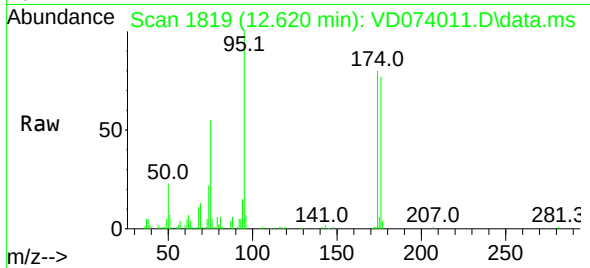




#62
4-Bromofluorobenzene
Concen: 58.586 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

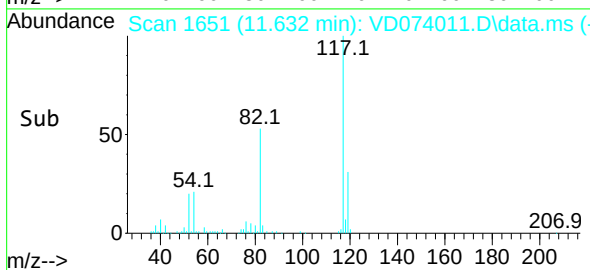
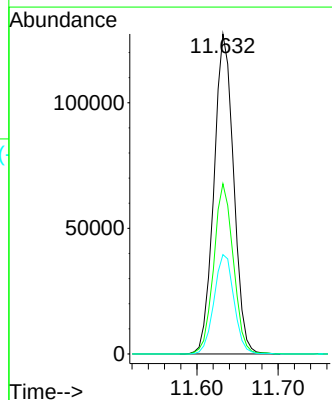
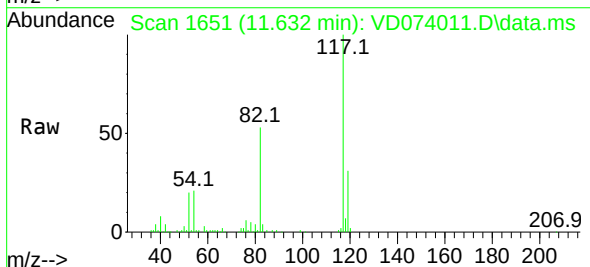
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-08

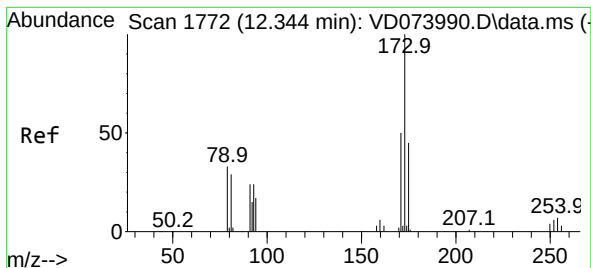
Tgt Ion: 95 Resp: 90310
Ion Ratio Lower Upper
95 100
174 80.4 0.0 162.6
176 76.1 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Tgt Ion: 117 Resp: 214711
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 31.0 25.8 38.8





#71

Bromoform

Concen: 1.103 ug/l

RT: 12.608 min Scan# 11

Delta R.T. 0.265 min

Lab File: VD074011.D

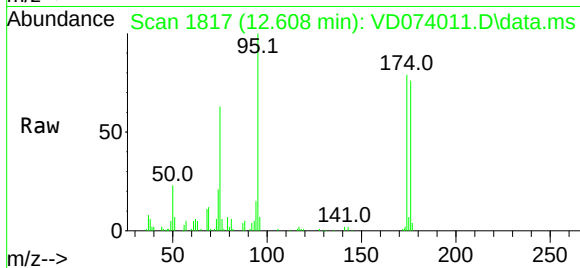
Acq: 10 Aug 2022 02:54

Instrument :

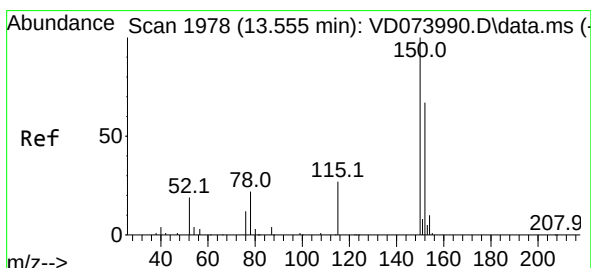
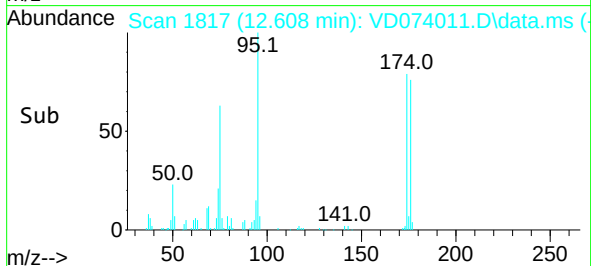
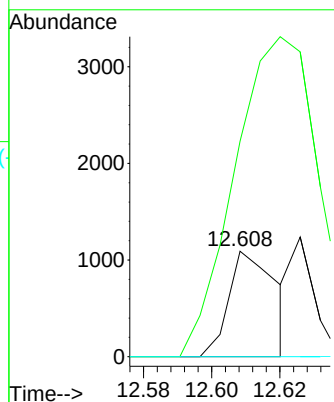
MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-08



Tgt Ion:	173	Resp:	1055
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.9	71.8#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

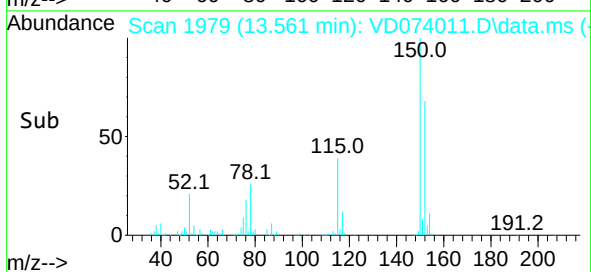
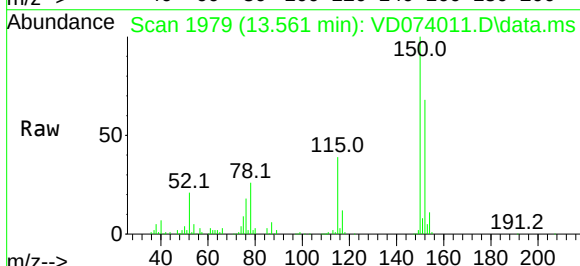
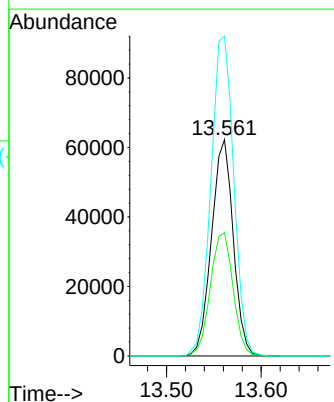
RT: 13.561 min Scan# 1979

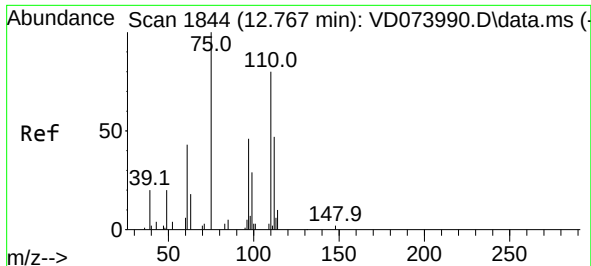
Delta R.T. 0.006 min

Lab File: VD074011.D

Acq: 10 Aug 2022 02:54

Tgt Ion:	152	Resp:	99462
Ion Ratio	Lower	Upper	
152	100		
115	59.7	29.9	89.8
150	155.3	0.0	342.8

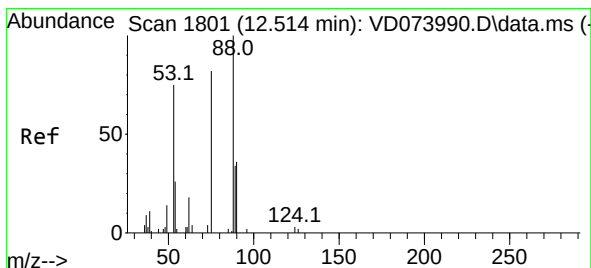
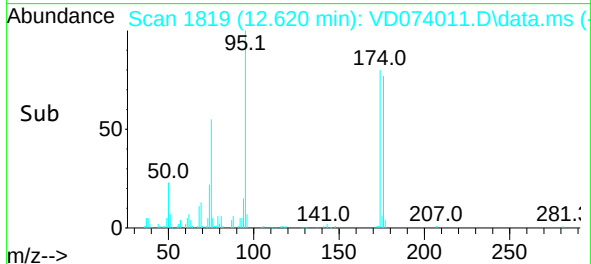
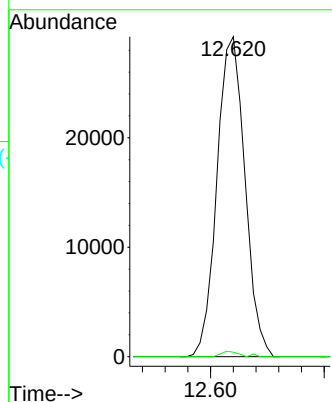
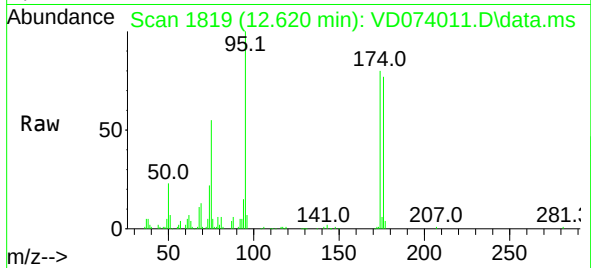




#76
1,2,3-Trichloropropane
Concen: 66.272 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-08

Tgt Ion: 75 Resp: 49961
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.437 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074011.D
Acq: 10 Aug 2022 02:54

Tgt Ion: 75 Resp: 49961
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#

