

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074009.D
 Acq On : 10 Aug 2022 01:55
 Operator : VA/SY
 Sample : N4046-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-06

Quant Time: Aug 10 04:48:34 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)

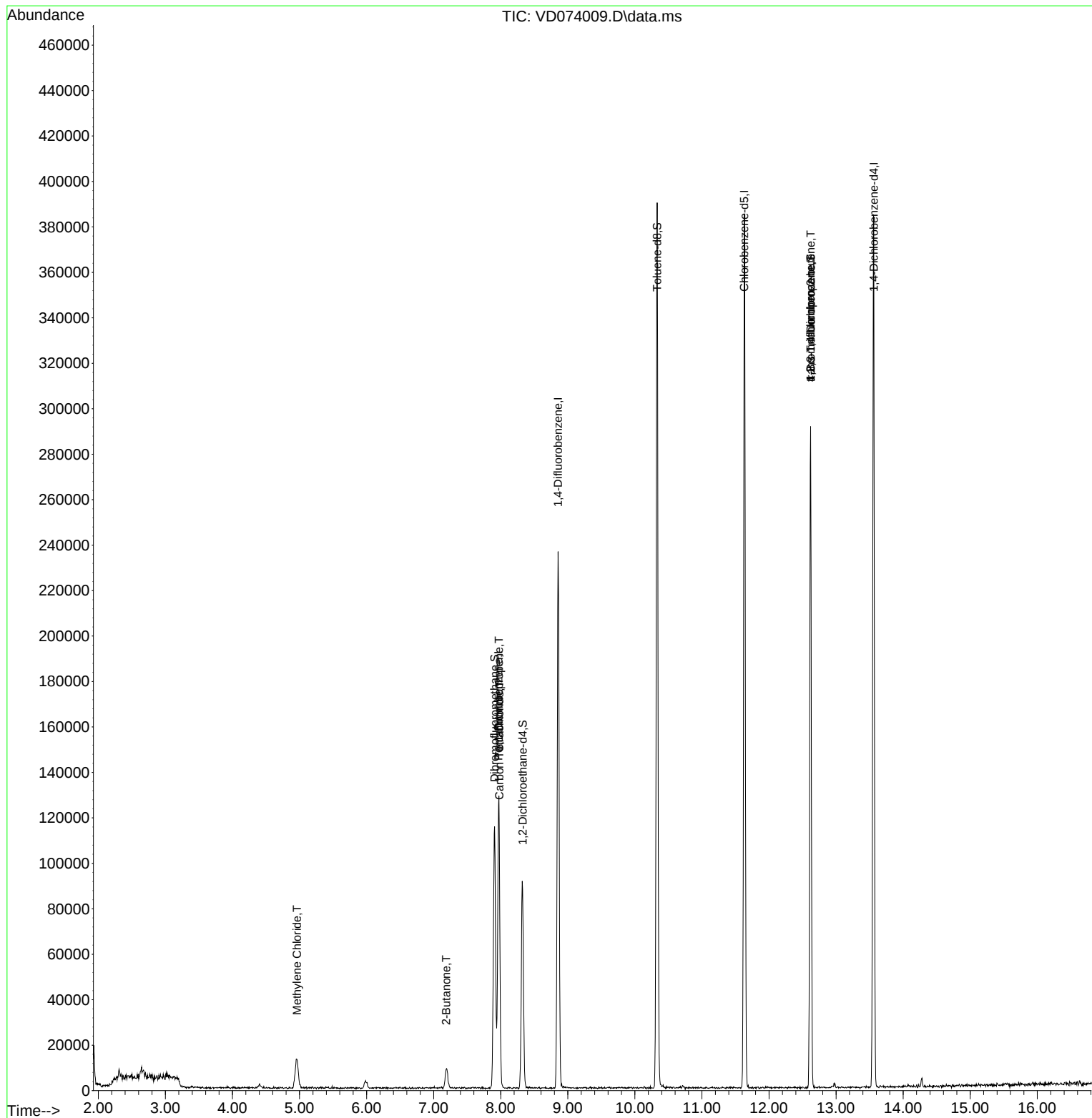
Internal Standards						
1) Pentafluorobenzene	7.967	168	90624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	200490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	214137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	100381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	72530	90.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.540%#	
35) Dibromofluoromethane	7.909	113	80155	65.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.900%	
50) Toluene-d8	10.332	98	255445	70.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 141.220%#	
62) 4-Bromofluorobenzene	12.620	95	89757	57.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	117	Below Cal	#	43
3) Chloromethane	2.215	50	364	Below Cal	#	40
5) Bromomethane	2.779	94	662	Below Cal	#	48
11) Tert butyl alcohol	5.191	59	58	Below Cal	#	74
17) Carbon Disulfide	4.403	76	3275	Below Cal	#	73
18) Methyl Acetate	4.644	43	54	Below Cal	#	49
20) Methylene Chloride	4.962	84	9598	3.588	ug/l	93
25) 2-Butanone	7.185	43	503	1.980	ug/l #	46
31) Cyclohexane	7.962	56	2591	Below Cal	#	61
36) 1,1-Dichloropropene	7.973	75	7632	4.427	ug/l #	50
38) Carbon Tetrachloride	7.979	117	9599	4.730	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	51258	67.370	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	51258	144.797	ug/l #	13

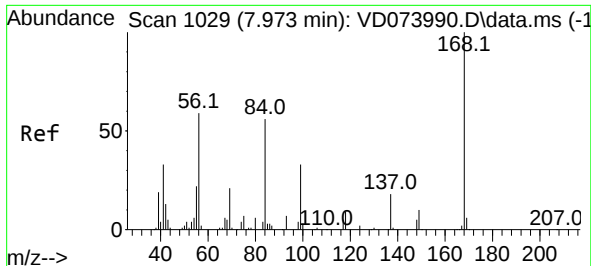
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
Data File : VD074009.D
Acq On : 10 Aug 2022 01:55
Operator : VA/SY
Sample : N4046-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

Quant Time: Aug 10 04:48:34 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

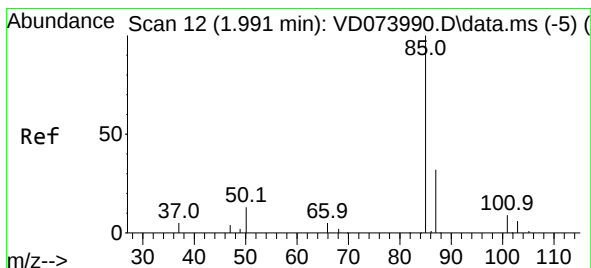
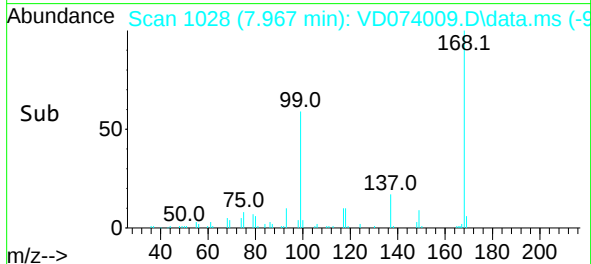
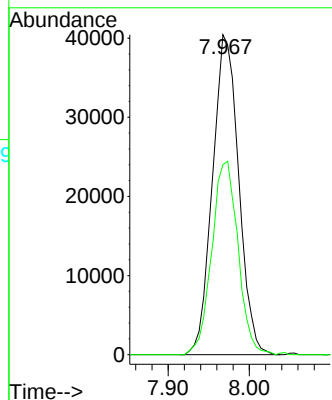
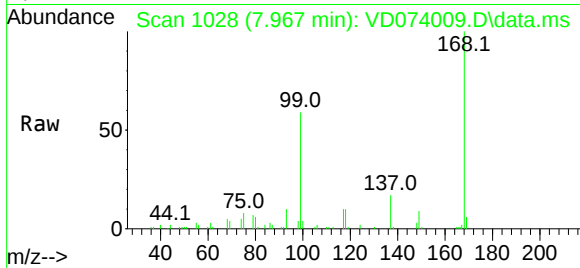




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

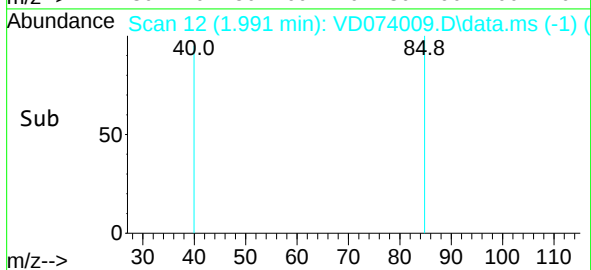
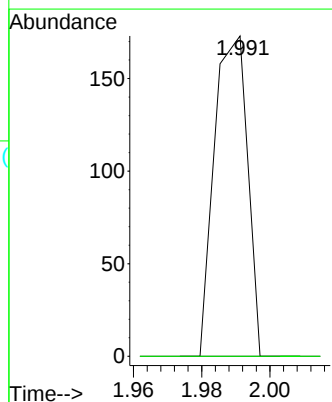
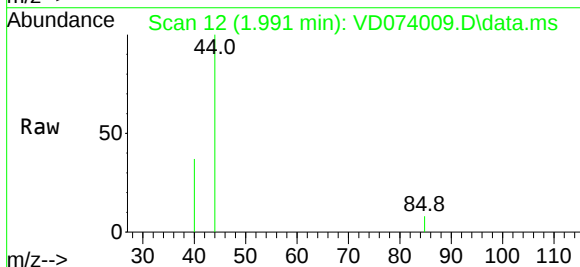
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

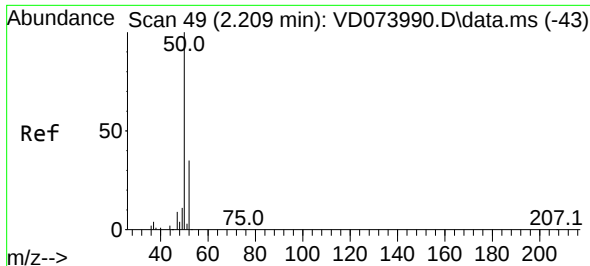
Tgt Ion:168 Resp: 90624
Ion Ratio Lower Upper
168 100
99 59.4 48.3 72.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

Tgt Ion: 85 Resp: 117
Ion Ratio Lower Upper
85 100
87 0.0 16.0 47.9

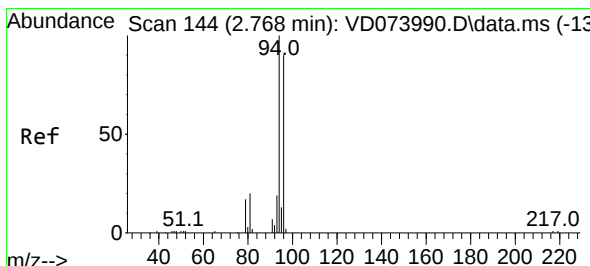
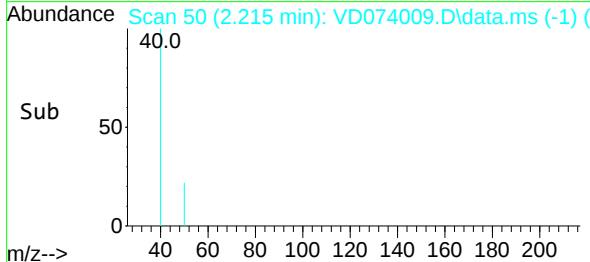
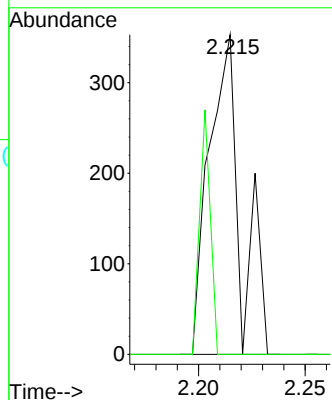
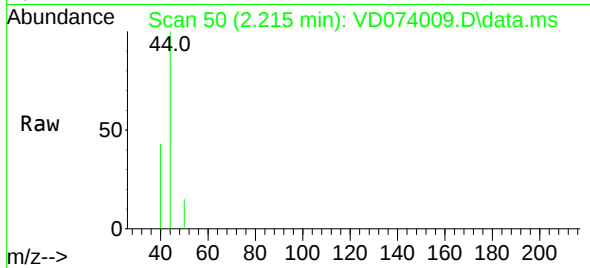




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

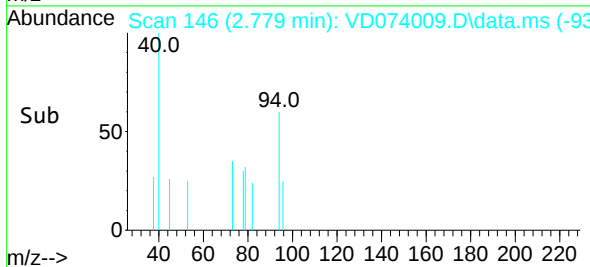
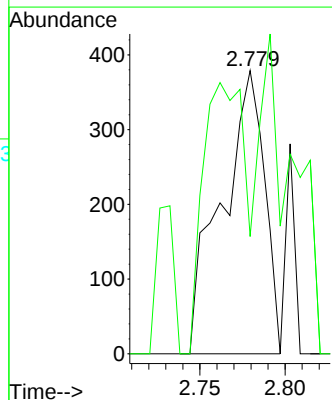
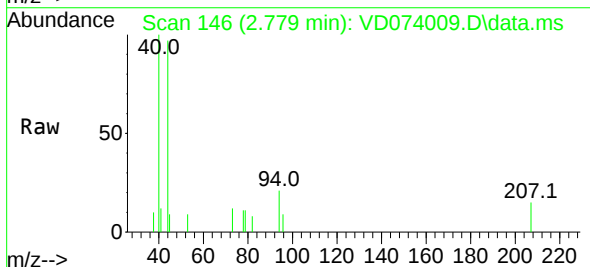
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

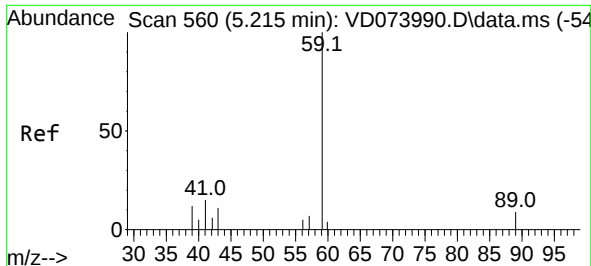
Tgt Ion: 50 Resp: 364
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

Tgt Ion: 94 Resp: 662
Ion Ratio Lower Upper
94 100
96 41.4 72.0 108.0#

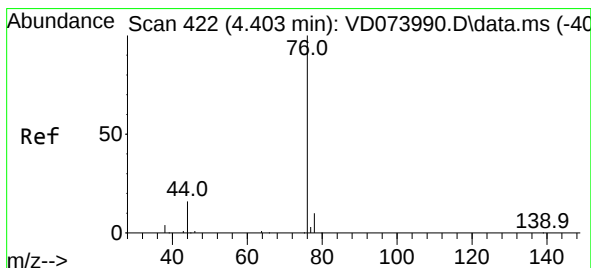
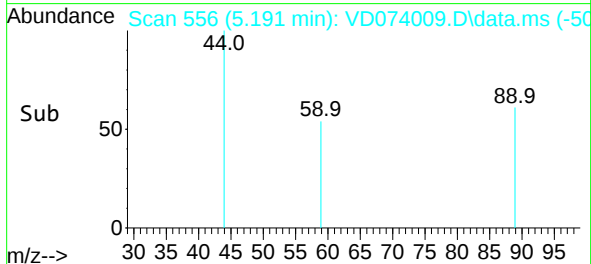
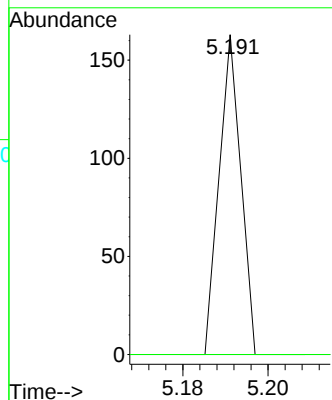
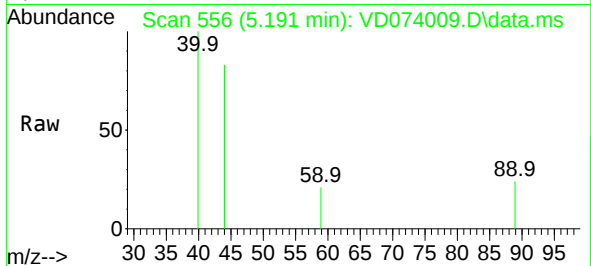




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

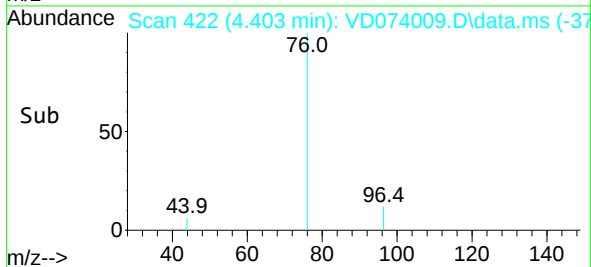
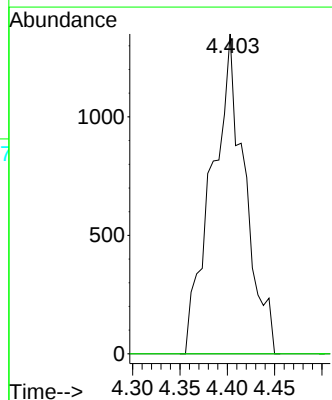
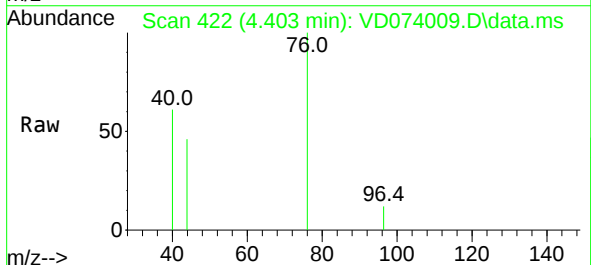
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

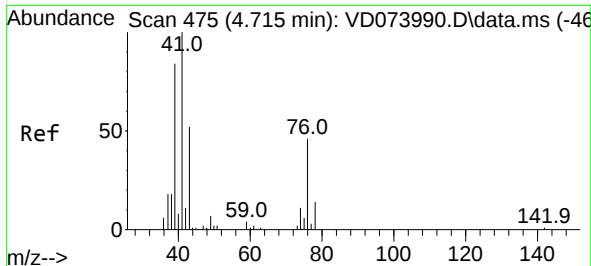
Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.403 min Scan# 422
Delta R.T. -0.000 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

Tgt Ion: 76 Resp: 3275
Ion Ratio Lower Upper
76 100
78 0.0 7.9 11.9#

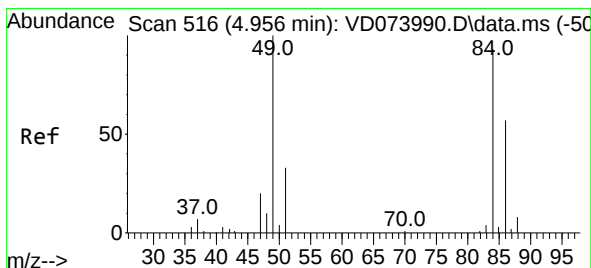
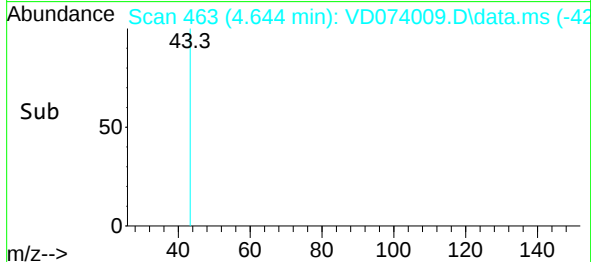
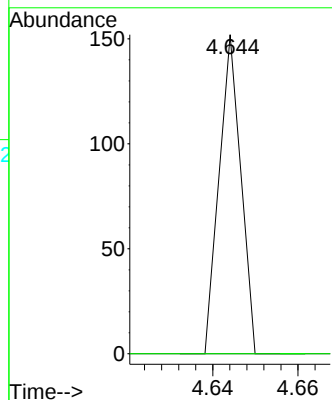
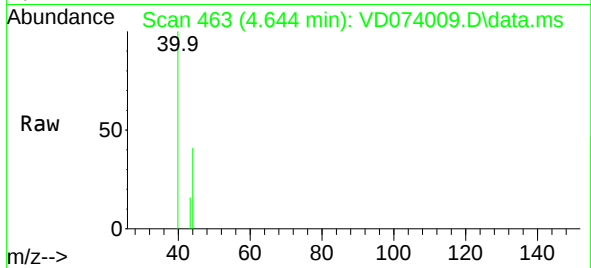




#18
Methyl Acetate
Concen: Below Cal
RT: 4.644 min Scan# 41
Delta R.T. -0.071 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

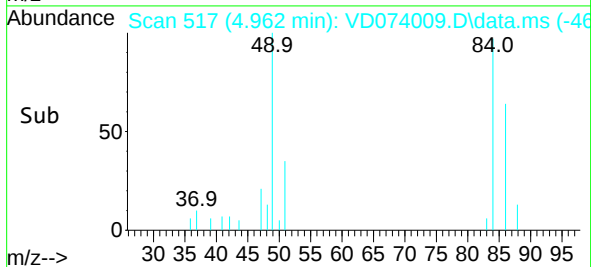
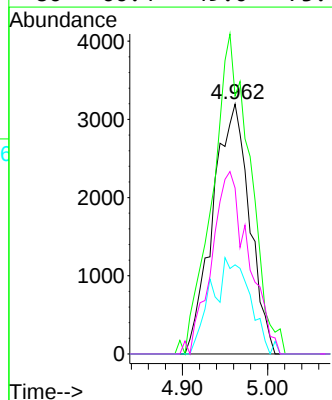
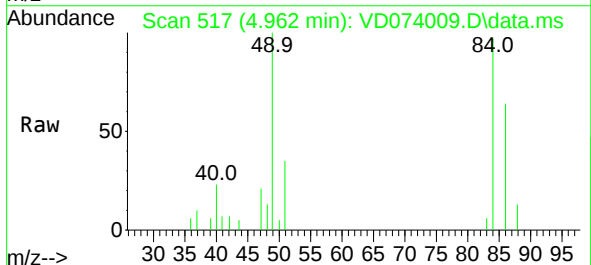
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

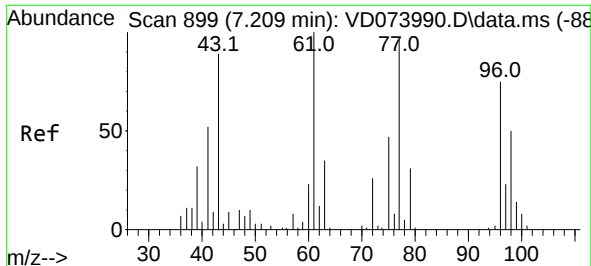
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#20
Methylene Chloride
Concen: 3.588 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

Tgt Ion: 84 Resp: 9598
Ion Ratio Lower Upper
84 100
49 97.8 85.8 128.6
51 35.6 28.0 42.0
86 66.4 49.0 73.4





#25

2-Butanone

Concen: 1.980 ug/l

RT: 7.185 min Scan# 899

Delta R.T. -0.024 min

Lab File: VD074009.D

Acq: 10 Aug 2022 01:55

Instrument :

MSVOA_D

ClientSampleId :

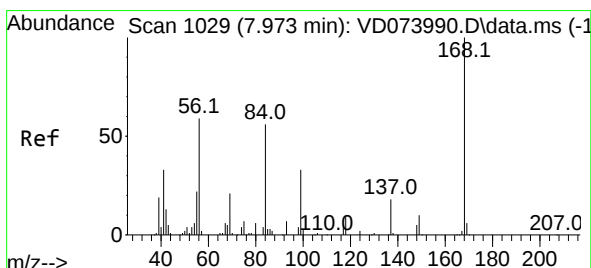
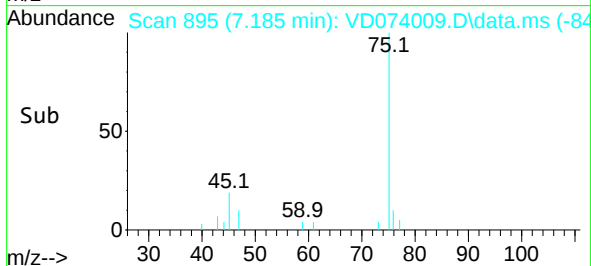
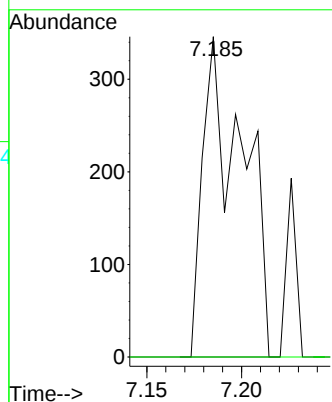
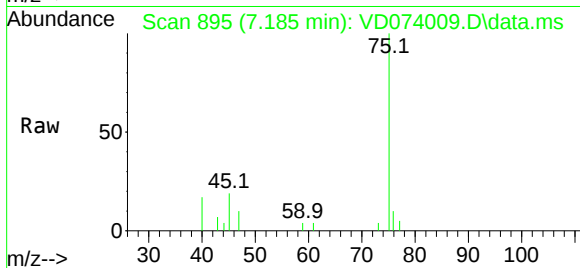
BEACONPOINT-BACKFILL-06

Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#31

Cyclohexane

Concen: Below Cal

RT: 7.962 min Scan# 1027

Delta R.T. -0.011 min

Lab File: VD074009.D

Acq: 10 Aug 2022 01:55

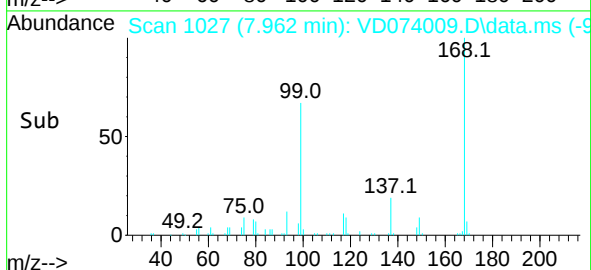
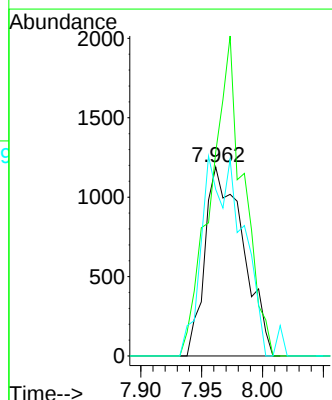
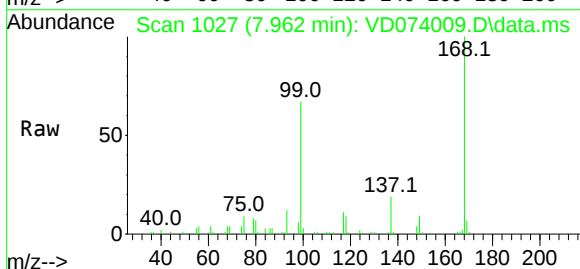
Tgt Ion: 56 Resp: 2591

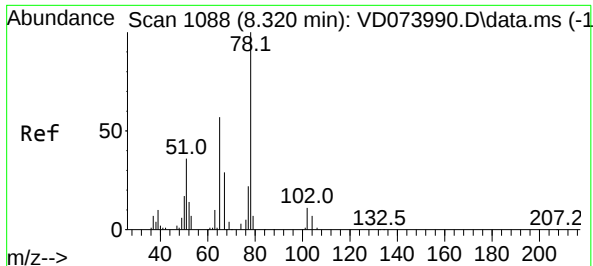
Ion Ratio Lower Upper

56 100

69 107.9 27.9 41.9#

84 88.2 75.8 113.6





#33

1,2-Dichloroethane-d4

Concen: 90.273 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD074009.D

Acq: 10 Aug 2022 01:55

Instrument :

MSVOA_D

ClientSampleId :

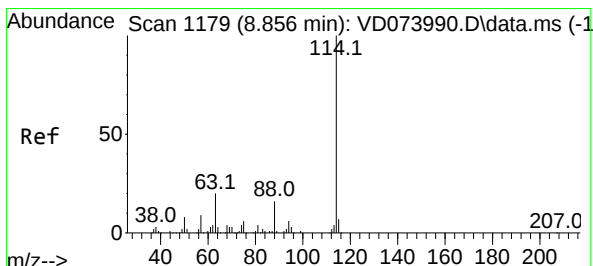
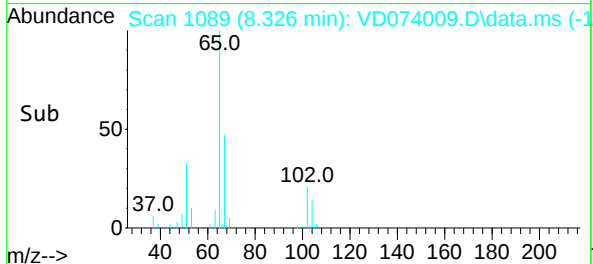
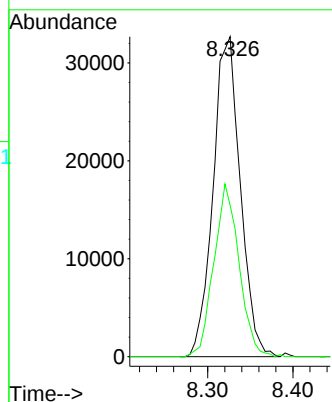
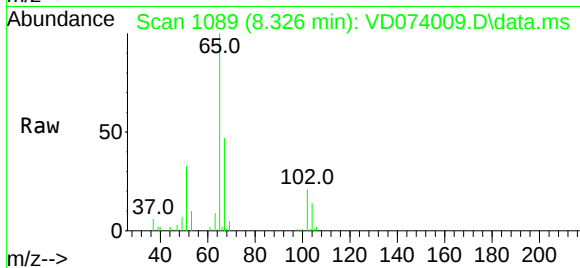
BEACONPOINT-BACKFILL-06

Tgt Ion: 65 Resp: 72530

Ion Ratio Lower Upper

65 100

67 50.0 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: VD074009.D

Acq: 10 Aug 2022 01:55

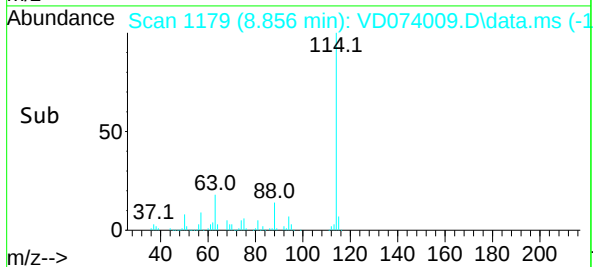
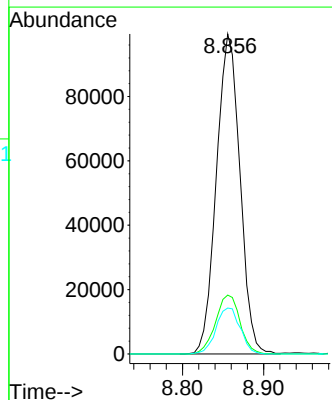
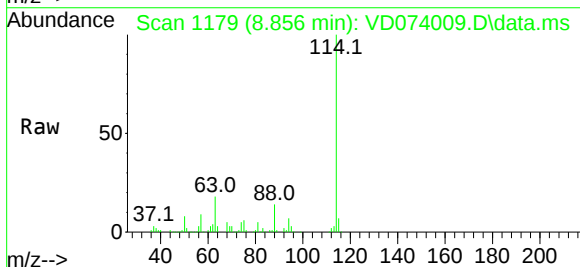
Tgt Ion: 114 Resp: 200490

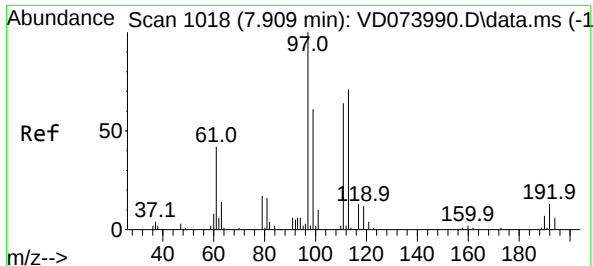
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.0

88 14.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 65.447 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD074009.D

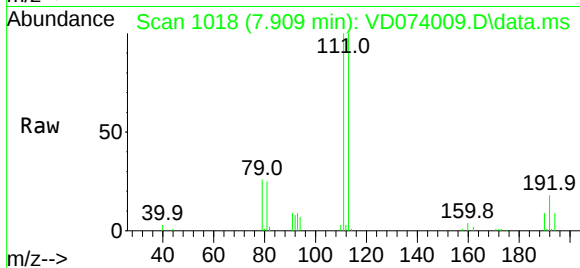
Acq: 10 Aug 2022 01:55

Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-06



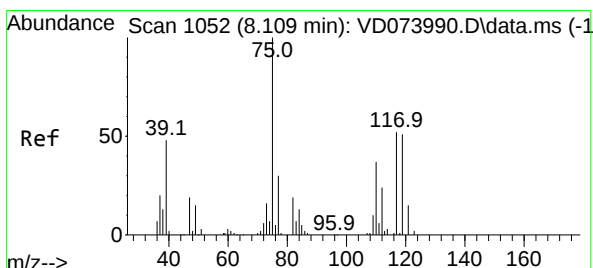
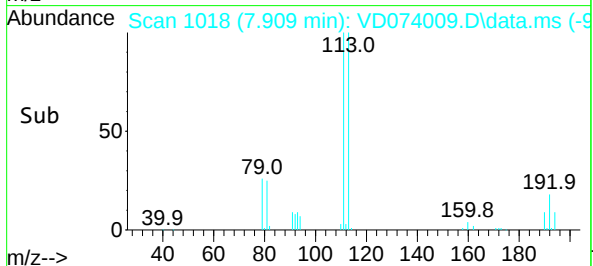
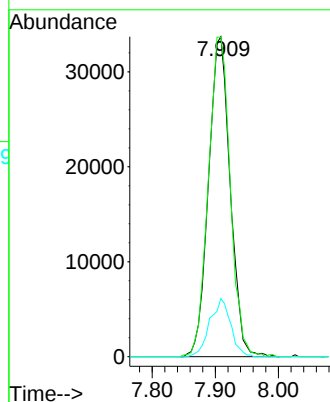
Tgt Ion:113 Resp: 80155

Ion Ratio Lower Upper

113 100

111 101.0 80.0 120.0

192 17.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.427 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD074009.D

Acq: 10 Aug 2022 01:55

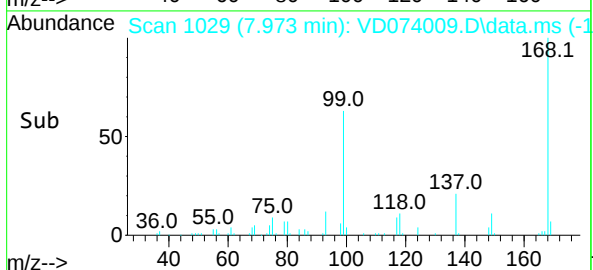
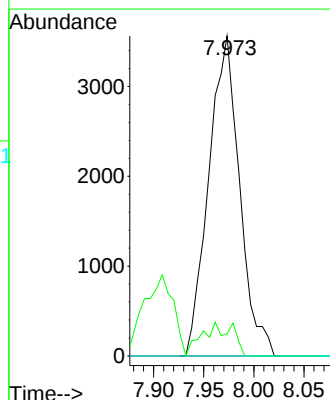
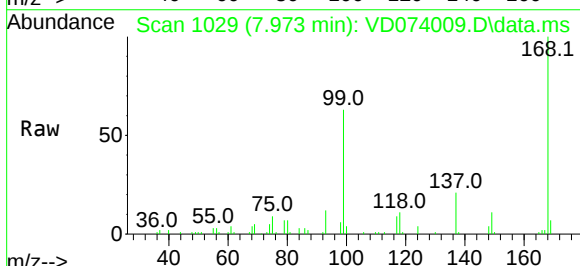
Tgt Ion: 75 Resp: 7632

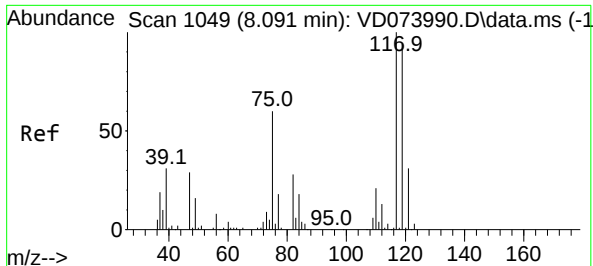
Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.4#

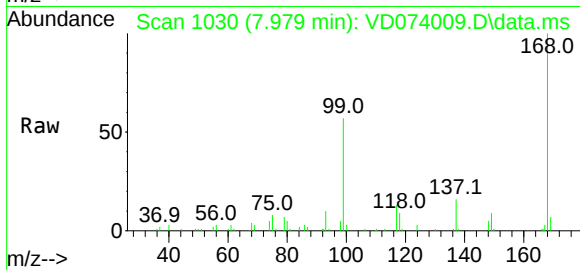
77 0.0 24.6 36.8#



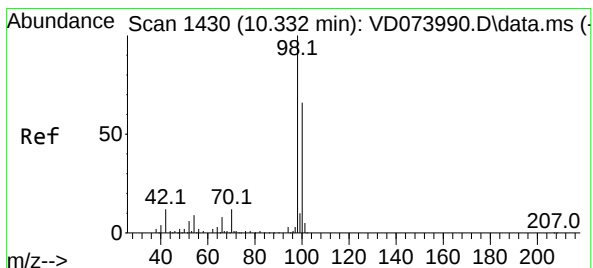
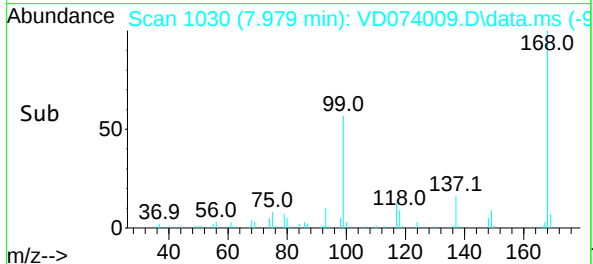
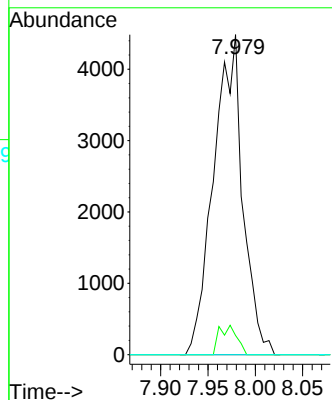


#38
Carbon Tetrachloride
Concen: 4.730 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

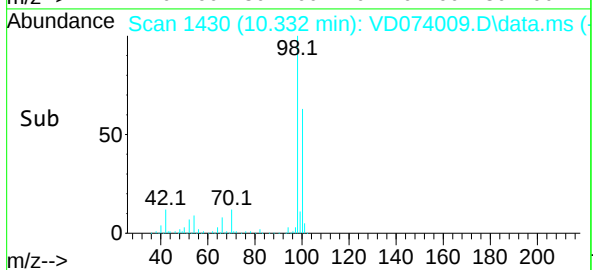
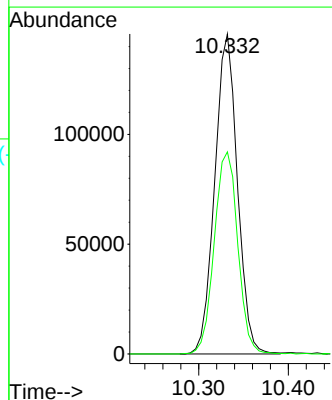
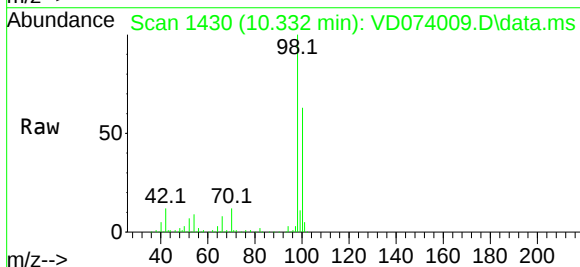


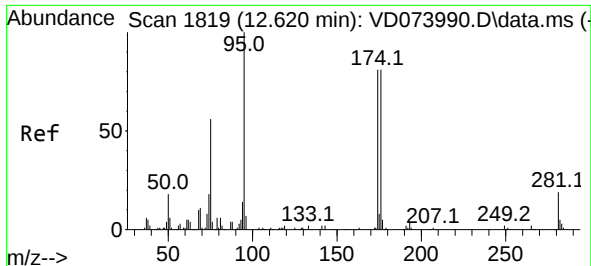
Tgt Ion:117 Resp: 9599
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 70.606 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

Tgt Ion: 98 Resp: 255445
Ion Ratio Lower Upper
98 100
100 65.5 51.3 76.9

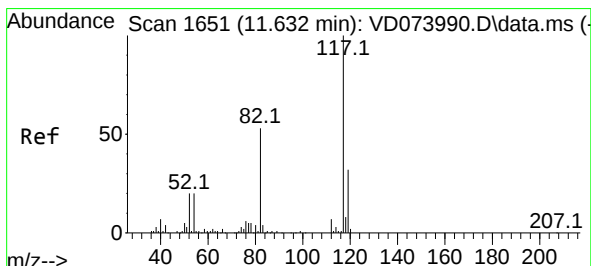
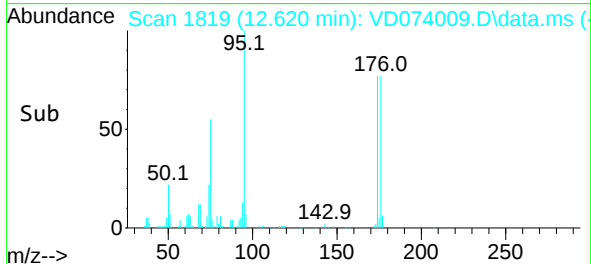
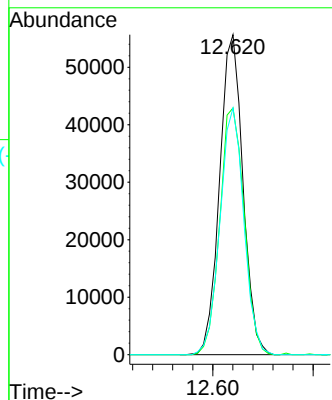
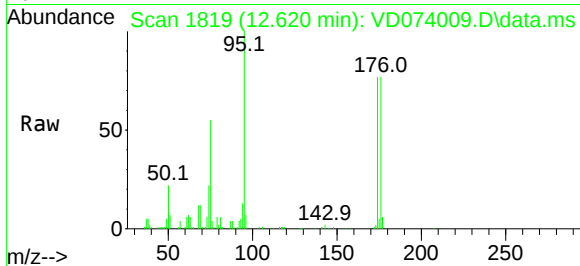




#62
4-Bromofluorobenzene
Concen: 57.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

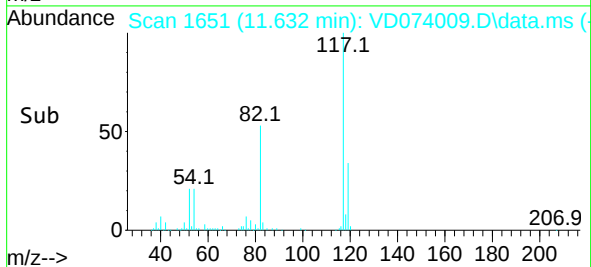
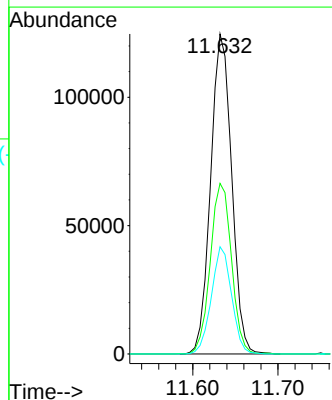
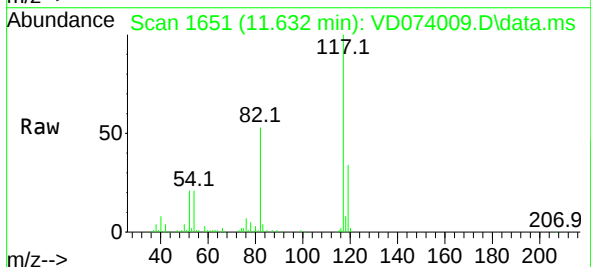
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

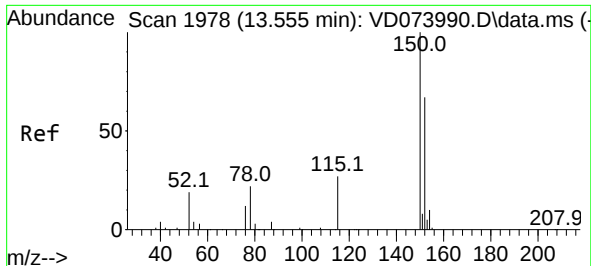
Tgt Ion: 95 Resp: 89757
Ion Ratio Lower Upper
95 100
174 80.7 0.0 162.6
176 78.5 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

Tgt Ion: 117 Resp: 214137
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 33.5 25.8 38.8

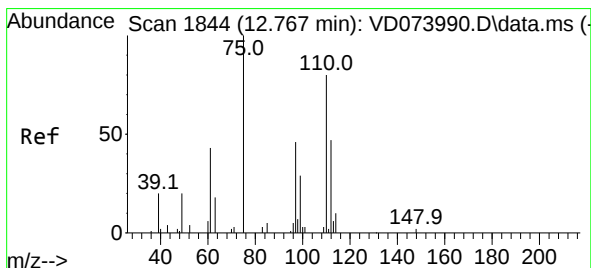
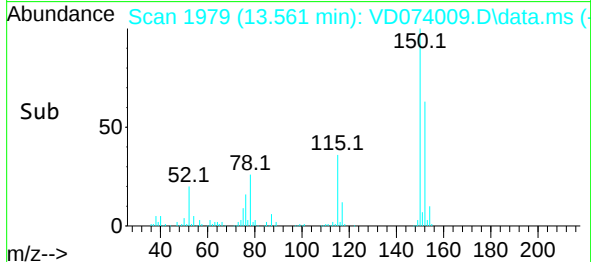
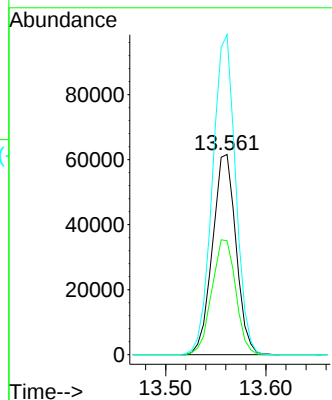
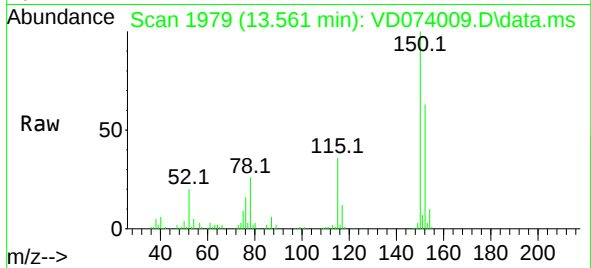




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

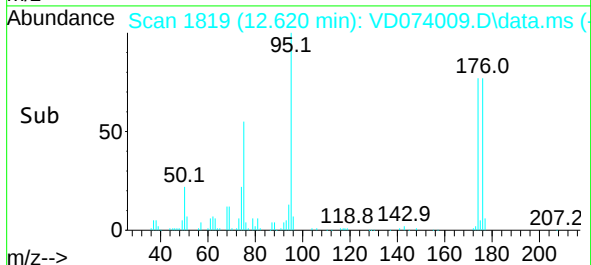
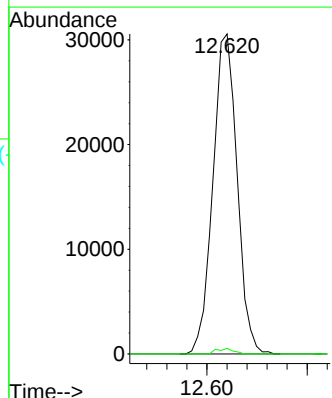
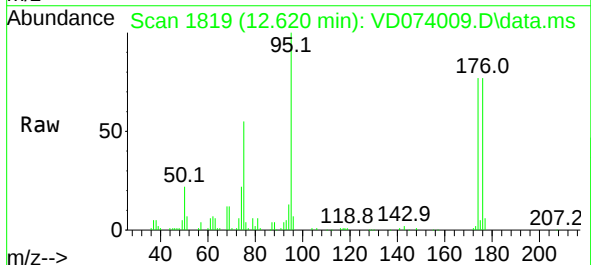
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-06

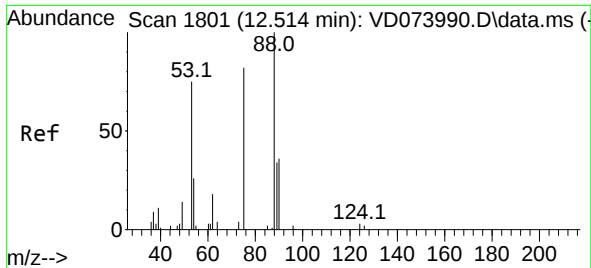
Tgt Ion:152 Resp: 100381
Ion Ratio Lower Upper
152 100
115 58.3 29.9 89.8
150 157.3 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 67.370 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074009.D
Acq: 10 Aug 2022 01:55

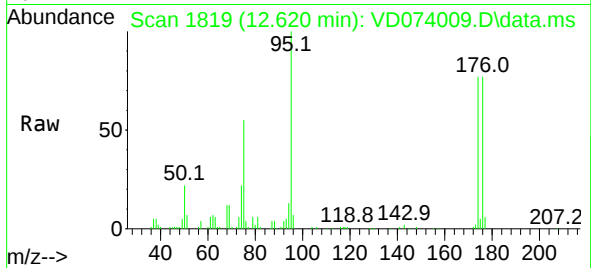
Tgt Ion: 75 Resp: 51258
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.797 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074009.D
 Acq: 10 Aug 2022 01:55

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-06



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.1	38.3	57.5#

