

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074006.D
 Acq On : 10 Aug 2022 00:26
 Operator : VA/SY
 Sample : N4046-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-03

Quant Time: Aug 10 01:25:13 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)

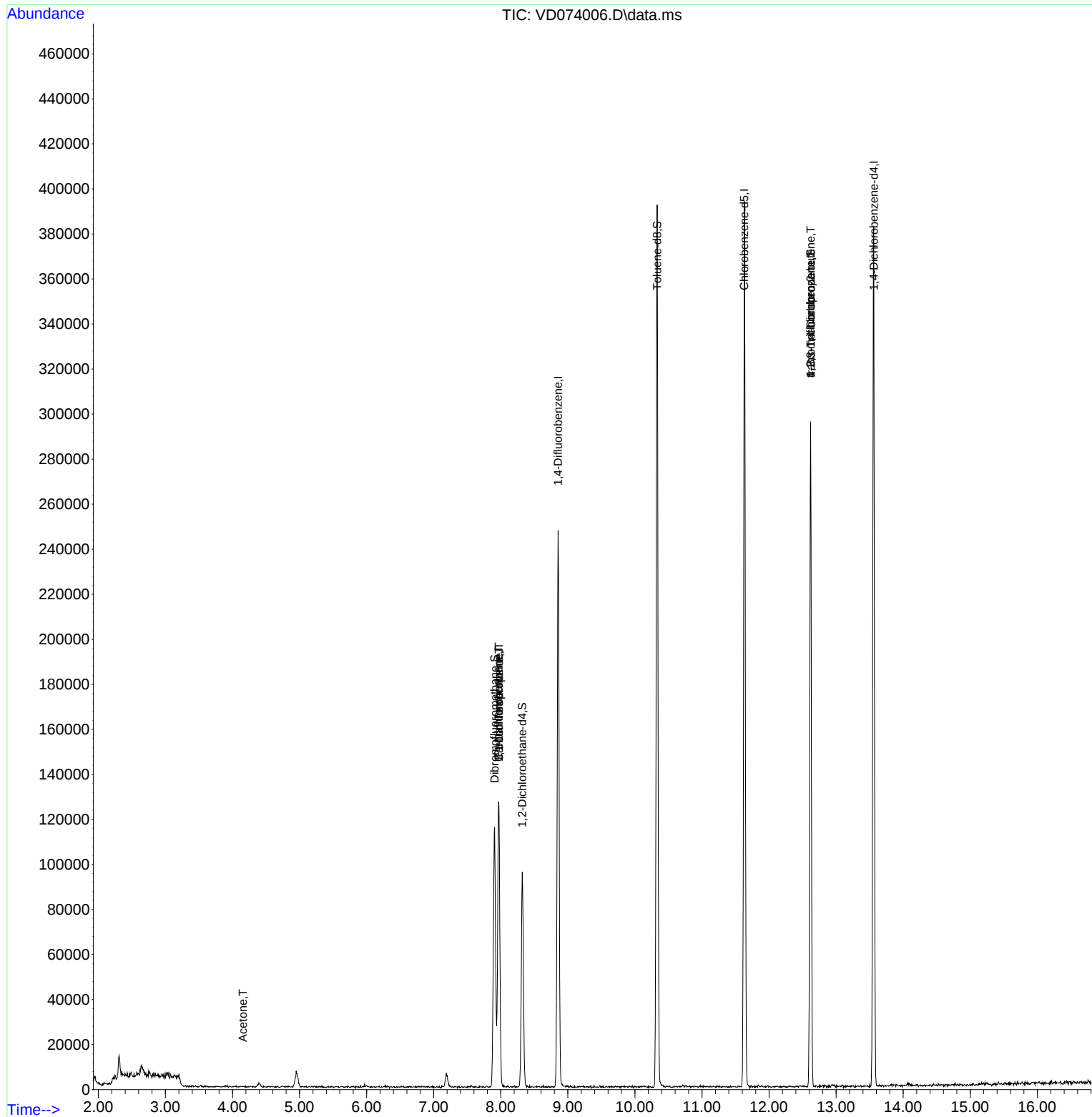
Internal Standards						
1) Pentafluorobenzene	7.967	168	90618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	203269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	215954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	73369	91.323	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 182.640%#			
35) Dibromofluoromethane	7.908	113	79687	64.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.340%			
50) Toluene-d8	10.332	98	262509	71.567	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 143.140%#			
62) 4-Bromofluorobenzene	12.620	95	92159	58.460	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.920%			
Target Compounds						
3) Chloromethane	2.208	50	543	Below Cal	#	40
5) Bromomethane	2.767	94	761	Below Cal	#	61
11) Tert butyl alcohol	5.220	59	85	Below Cal	#	74
16) Acetone	4.155	43	280	1.671	ug/l #	46
17) Carbon Disulfide	4.391	76	3482	Below Cal	#	73
18) Methyl Acetate	4.726	43	54	Below Cal	#	49
20) Methylene Chloride	4.961	84	4749	Below Cal	#	87
31) Cyclohexane	7.961	56	2286	Below Cal	#	41
36) 1,1-Dichloropropene	7.973	75	8632	4.939	ug/l #	49
38) Carbon Tetrachloride	7.973	117	9510	4.622	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	50800	68.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	50800	146.540	ug/l #	13

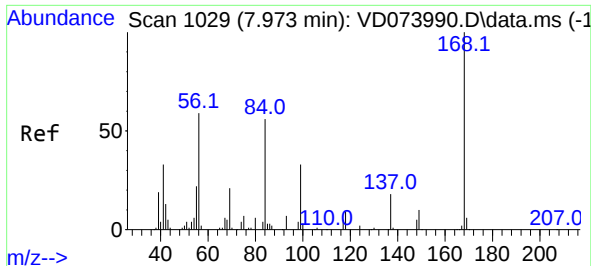
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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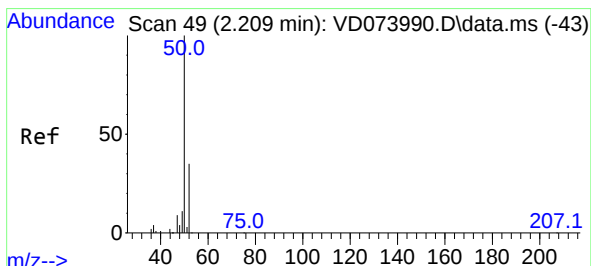
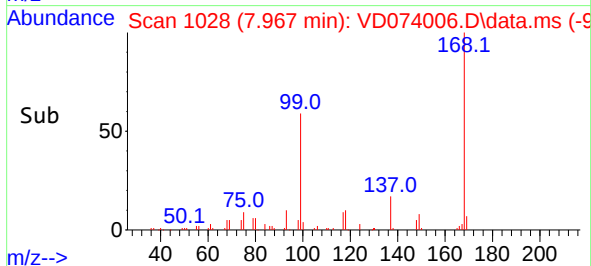
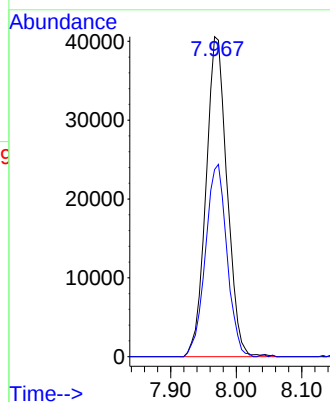
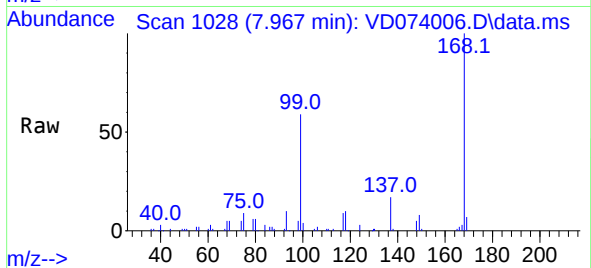




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

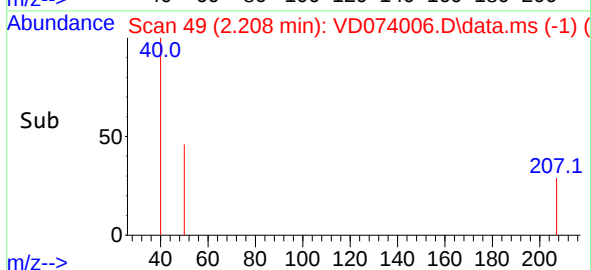
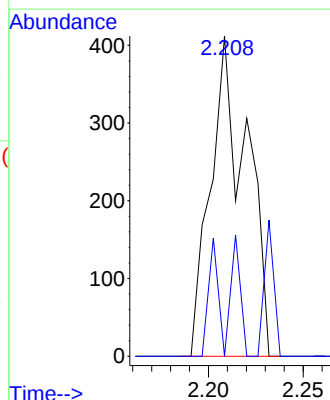
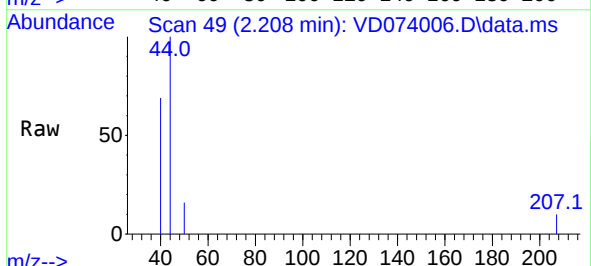
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-03

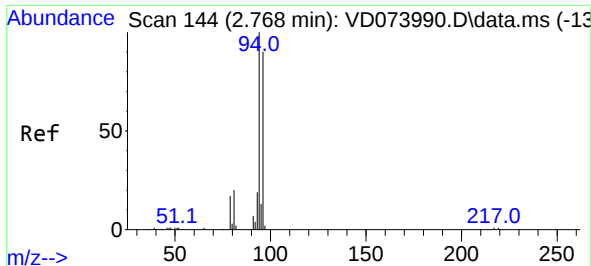
Tgt Ion:168 Resp: 90618
Ion Ratio Lower Upper
168 100
99 58.5 48.3 72.5



#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#

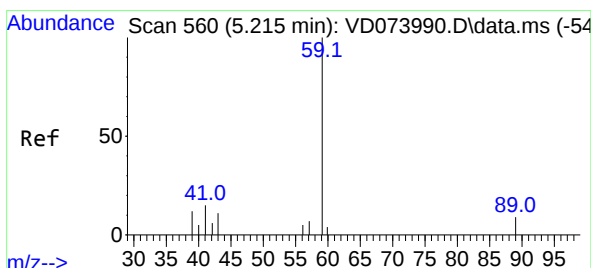
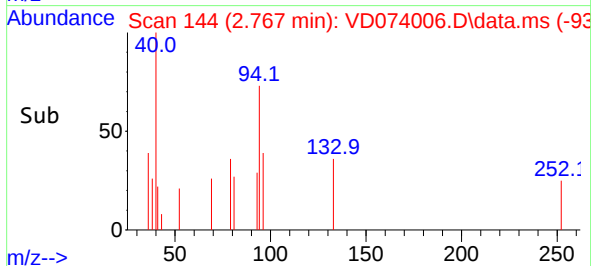
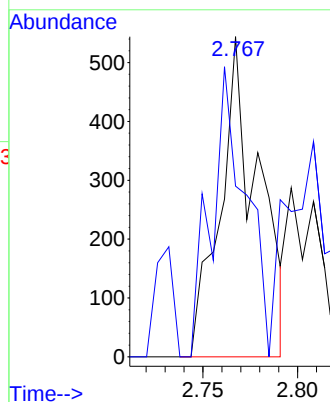
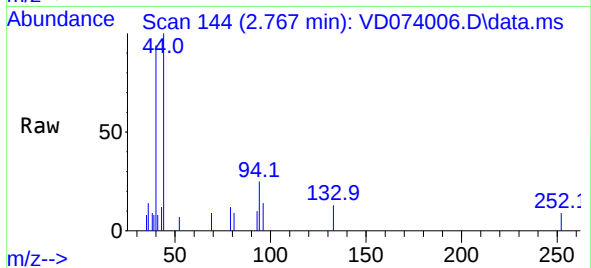




#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

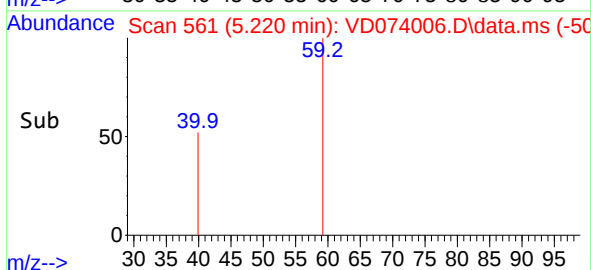
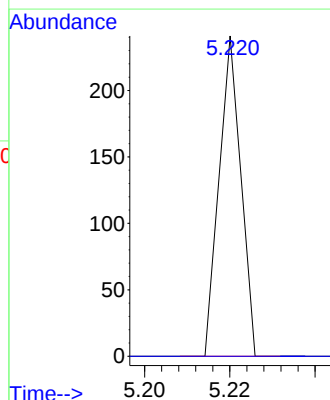
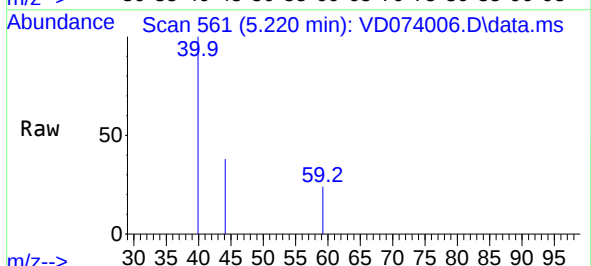
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-03

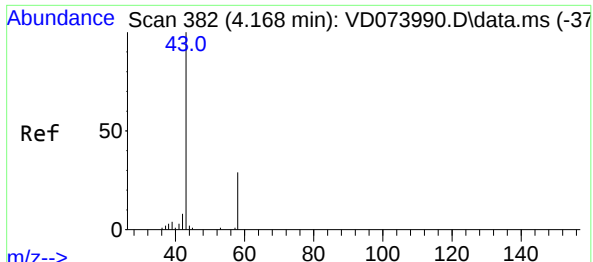
Tgt Ion: 94 Resp: 761
Ion Ratio Lower Upper
94 100
96 53.3 72.0 108.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.005 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

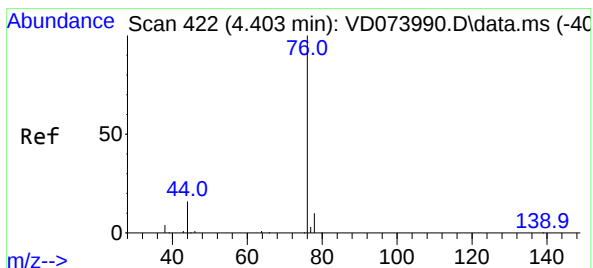
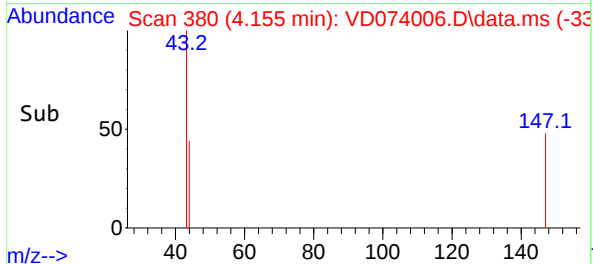
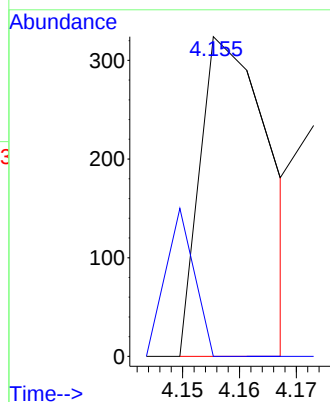
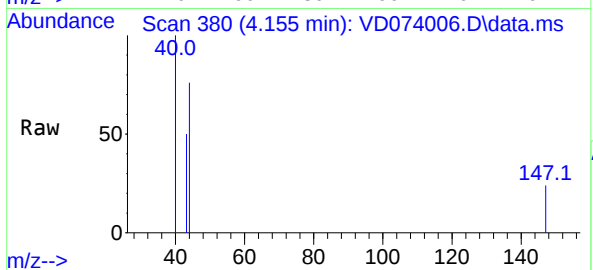




#16
Acetone
Concen: 1.671 ug/l
RT: 4.155 min Scan# 31
Delta R.T. -0.013 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

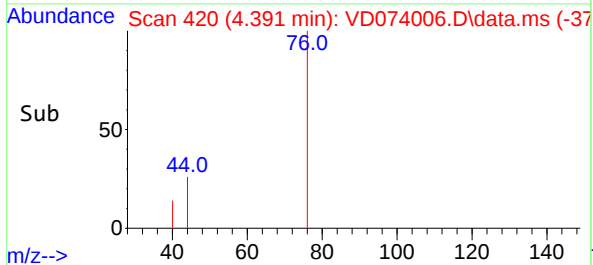
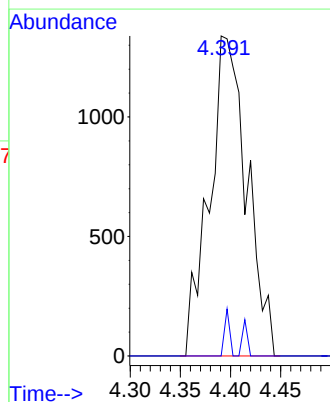
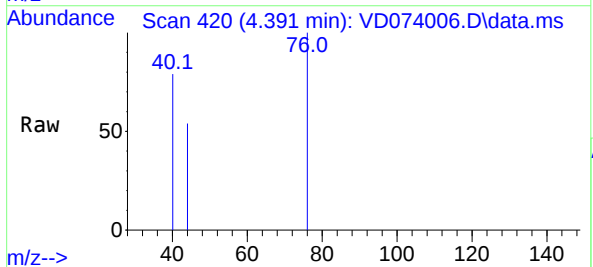
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-03

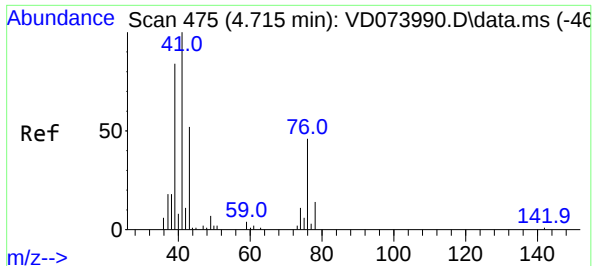
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 0.0 22.8 34.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.391 min Scan# 420
Delta R.T. -0.012 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion: 76 Resp: 3482
Ion Ratio Lower Upper
76 100
78 0.0 7.9 11.9#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.726 min Scan# 41

Delta R.T. 0.011 min

Lab File: VD074006.D

Acq: 10 Aug 2022 00:26

Instrument :

MSVOA_D

ClientSampleId :

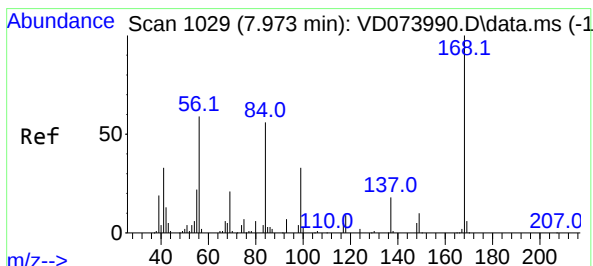
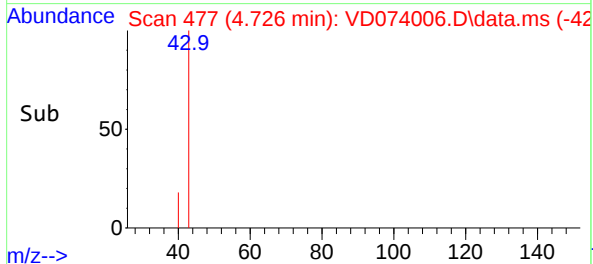
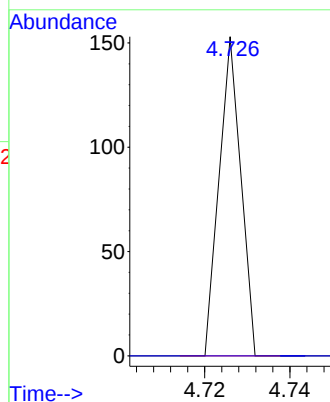
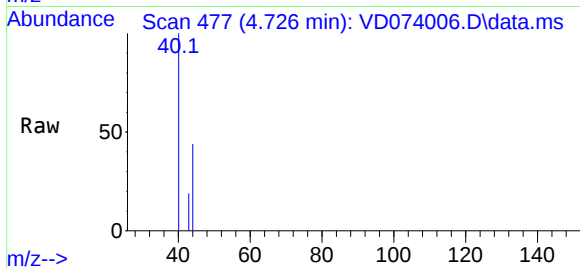
BEACONPOINT-BACKFILL-03

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.961 min Scan# 1027

Delta R.T. -0.012 min

Lab File: VD074006.D

Acq: 10 Aug 2022 00:26

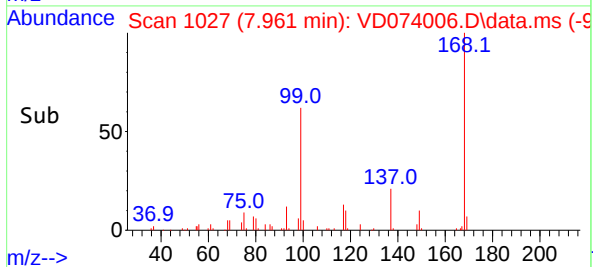
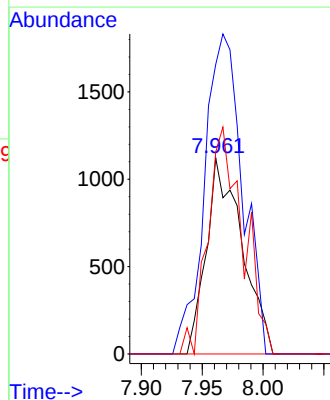
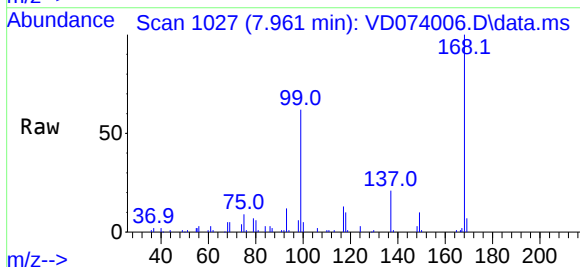
Tgt Ion: 56 Resp: 2286

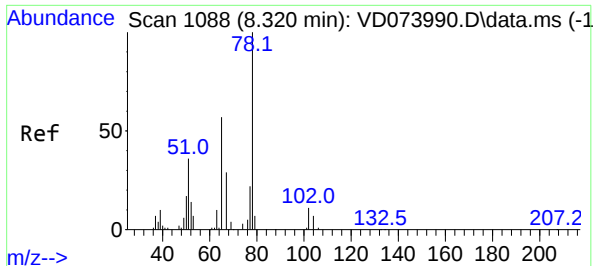
Ion Ratio Lower Upper

56 100

69 147.7 27.9 41.9#

84 103.0 75.8 113.6

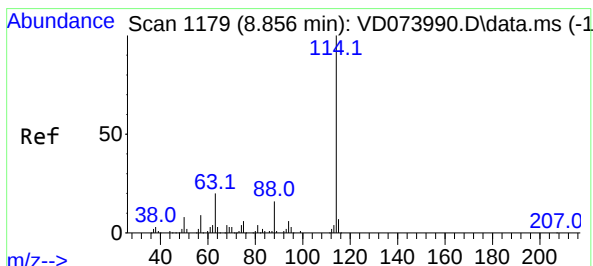
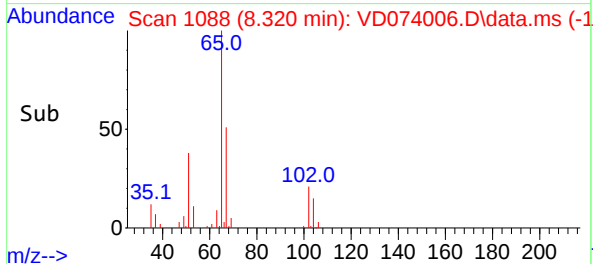
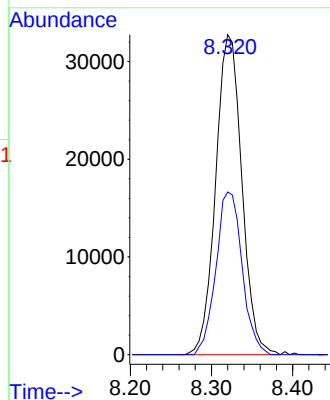
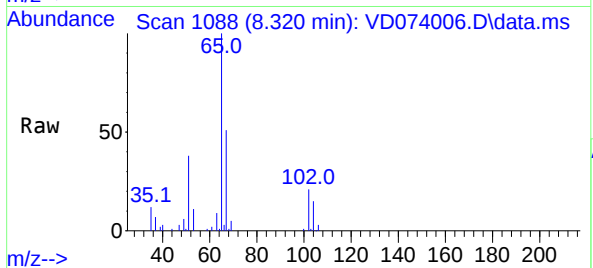




#33
1,2-Dichloroethane-d4
Concen: 91.323 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

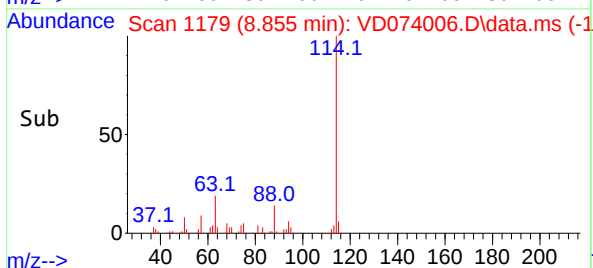
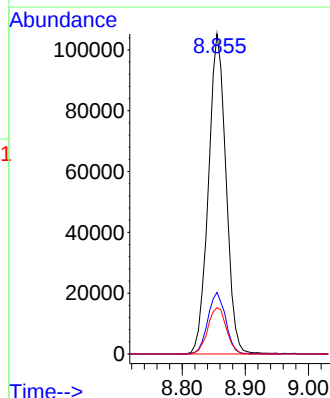
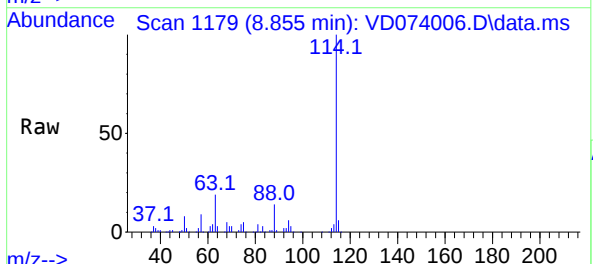
Instrument : MSVOA_D
ClientSampleId : BEACONPOINT-BACKFILL-03

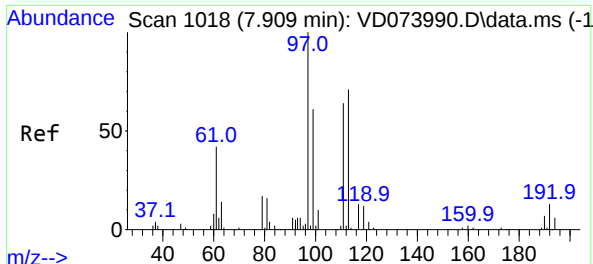
Tgt Ion: 65 Resp: 73369
Ion Ratio Lower Upper
65 100
67 50.9 0.0 113.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.001 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion:114 Resp: 203269
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.0
88 14.4 0.0 31.6

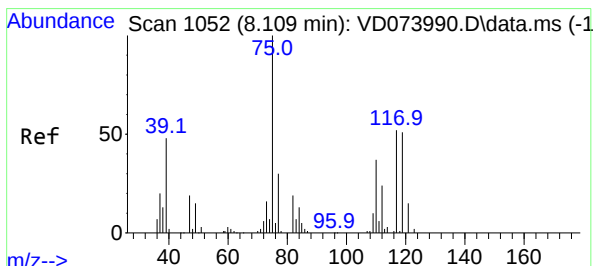
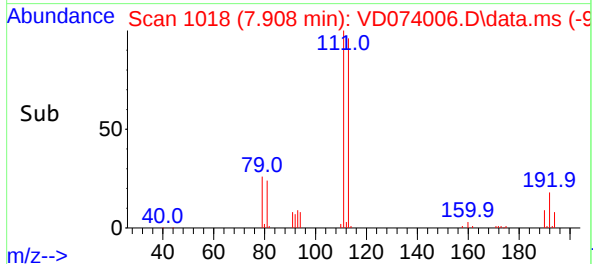
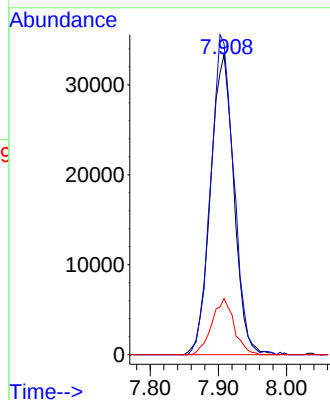
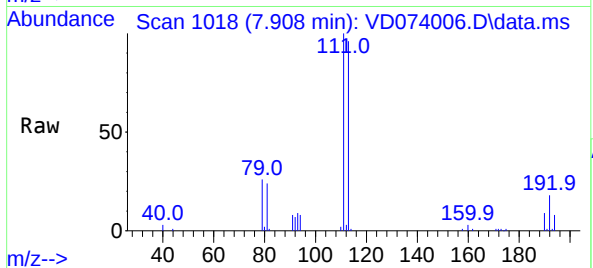




#35
Dibromofluoromethane
Concen: 64.175 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

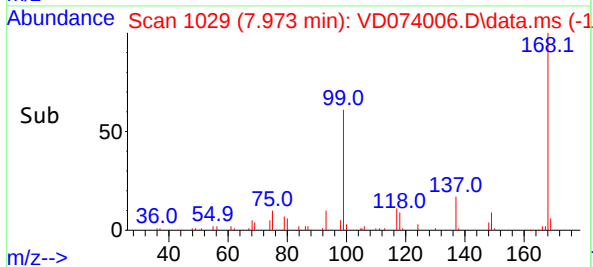
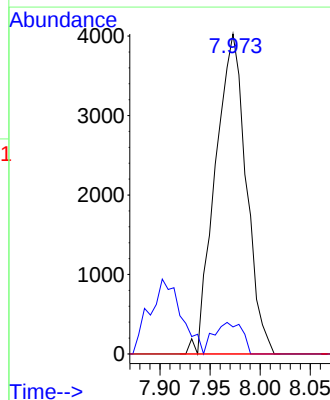
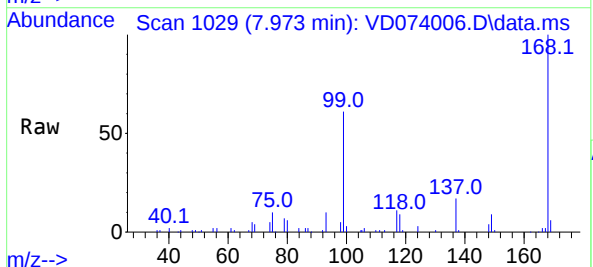
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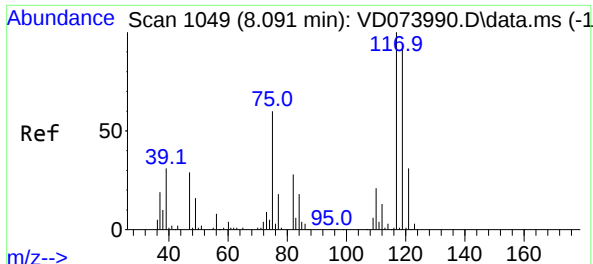
Tgt Ion:113 Resp: 79687
Ion Ratio Lower Upper
113 100
111 104.6 80.0 120.0
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion: 75 Resp: 8632
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.4#
77 0.0 24.6 36.8#

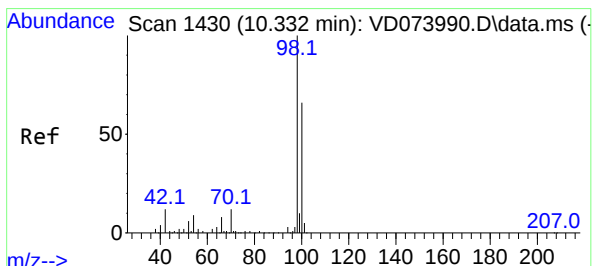
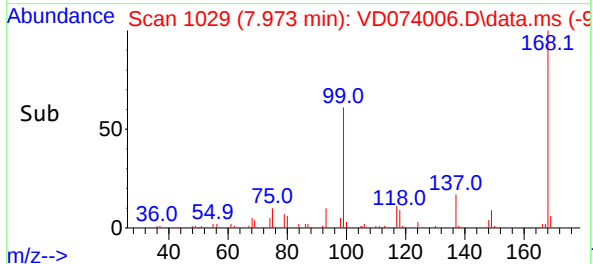
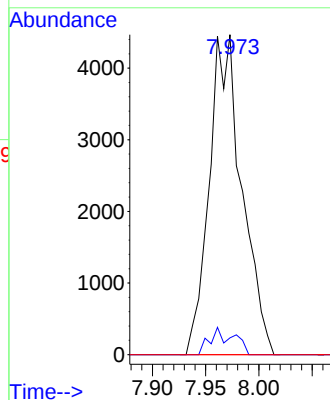
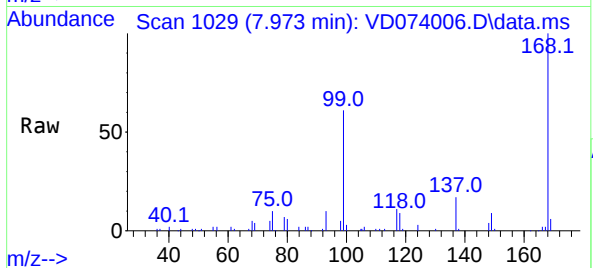




#38
Carbon Tetrachloride
Concen: 4.622 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

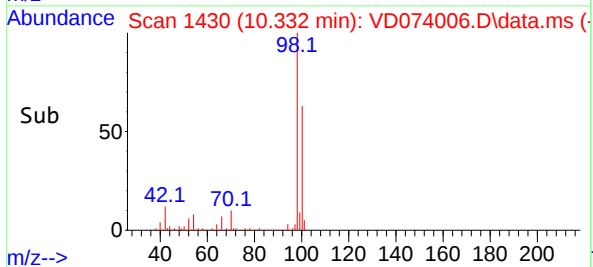
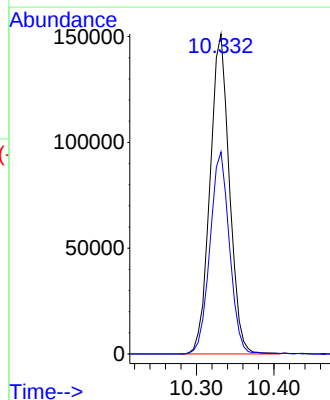
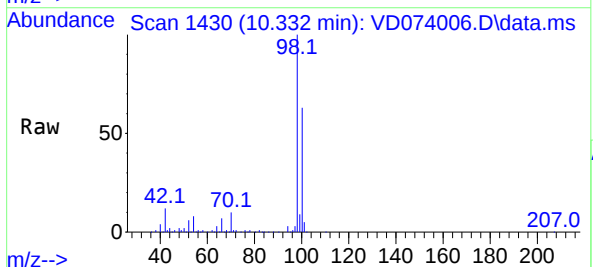
Instrument : MSVOA_D
ClientSampleId : BEACONPOINT-BACKFILL-03

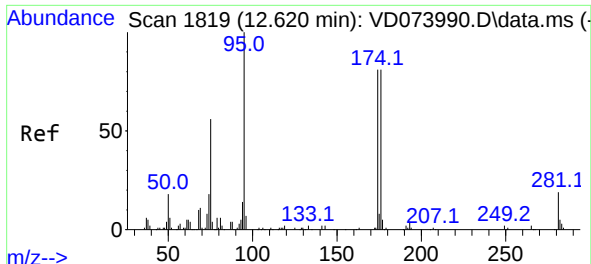
Tgt Ion:117 Resp: 9510
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 71.567 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion: 98 Resp: 262509
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

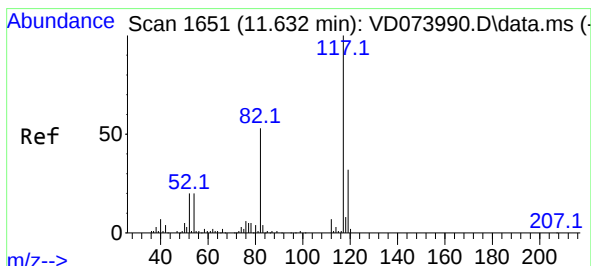
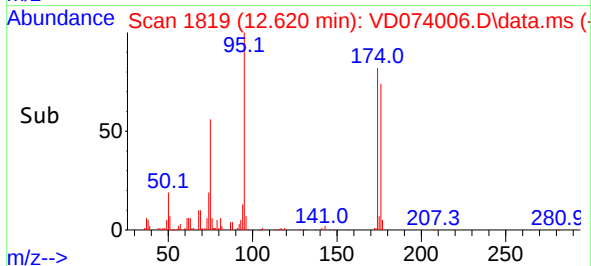
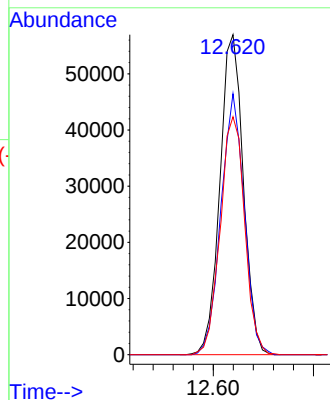
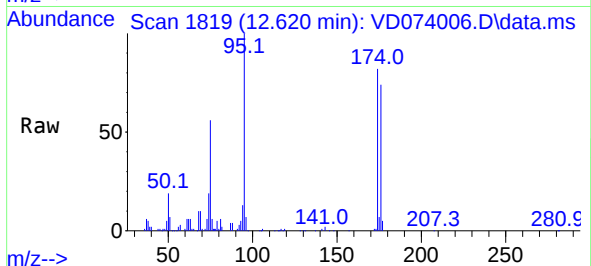




#62
4-Bromofluorobenzene
Concen: 58.460 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

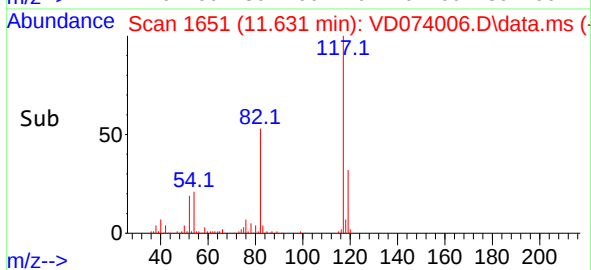
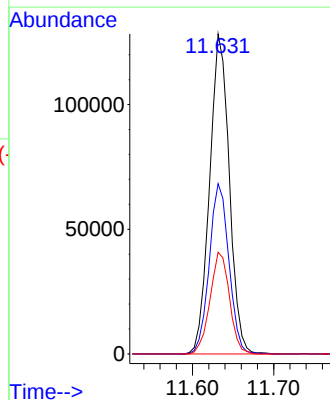
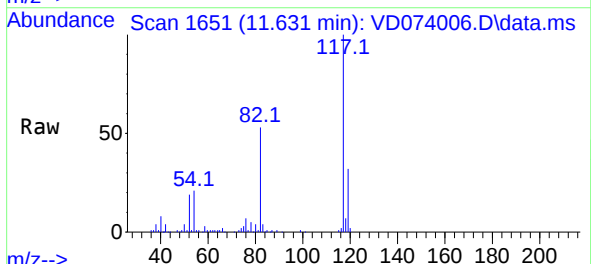
Instrument : MSVOA_D
ClientSampleId : BEACONPOINT-BACKFILL-03

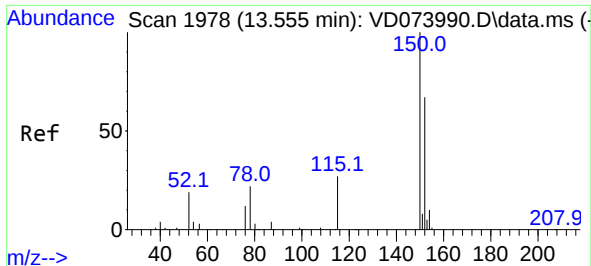
Tgt Ion:	95	Resp:	92159
Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	162.6
176	77.5	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion:	117	Resp:	215954
Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.7	64.1
119	31.8	25.8	38.8

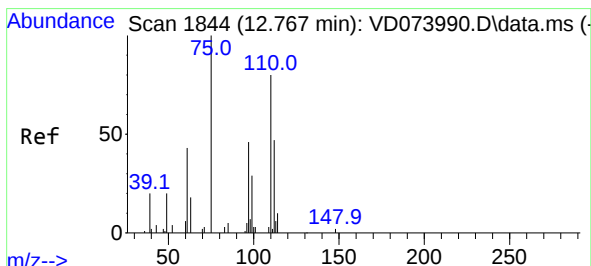
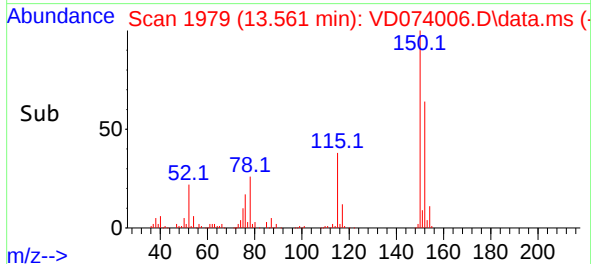
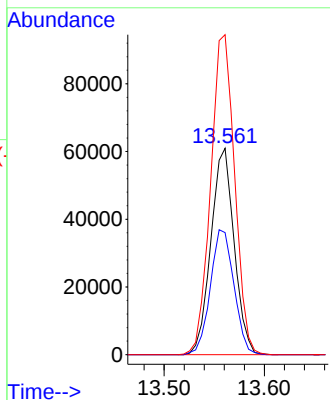
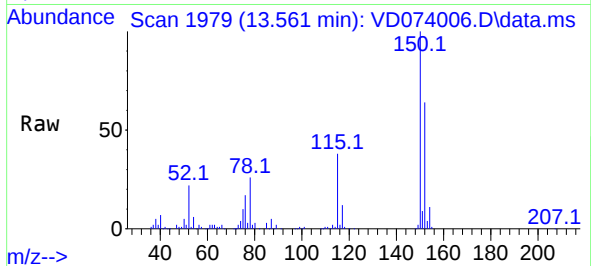




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

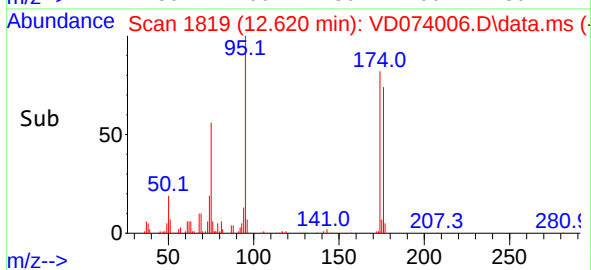
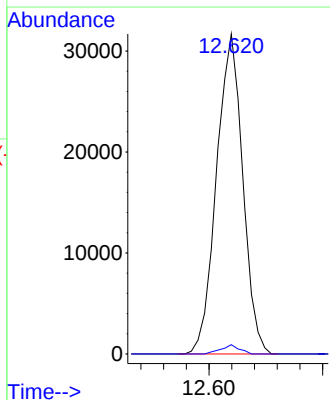
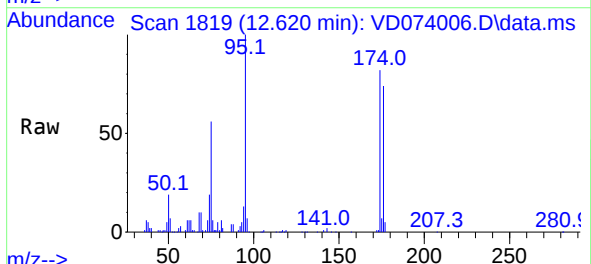
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-03

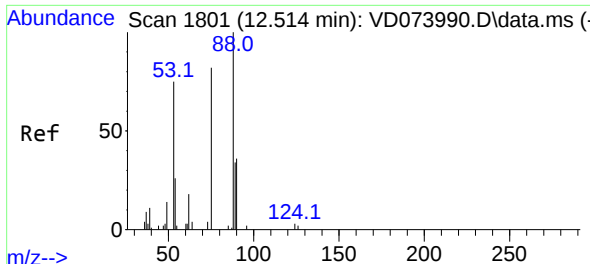
Tgt Ion:152 Resp: 98301
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.8
150 159.8 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 68.181 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

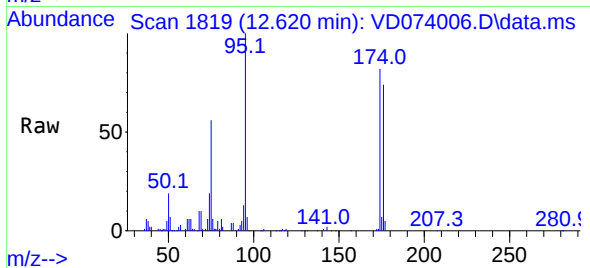
Tgt Ion: 75 Resp: 50800
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.540 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD074006.D
 Acq: 10 Aug 2022 00:26

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-03



Tgt Ion: 75 Resp: 50800
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 38.3 57.5#

