

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074005.D
 Acq On : 09 Aug 2022 23:56
 Operator : VA/SY
 Sample : N4046-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-02

Quant Time: Aug 10 01:11:24 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)

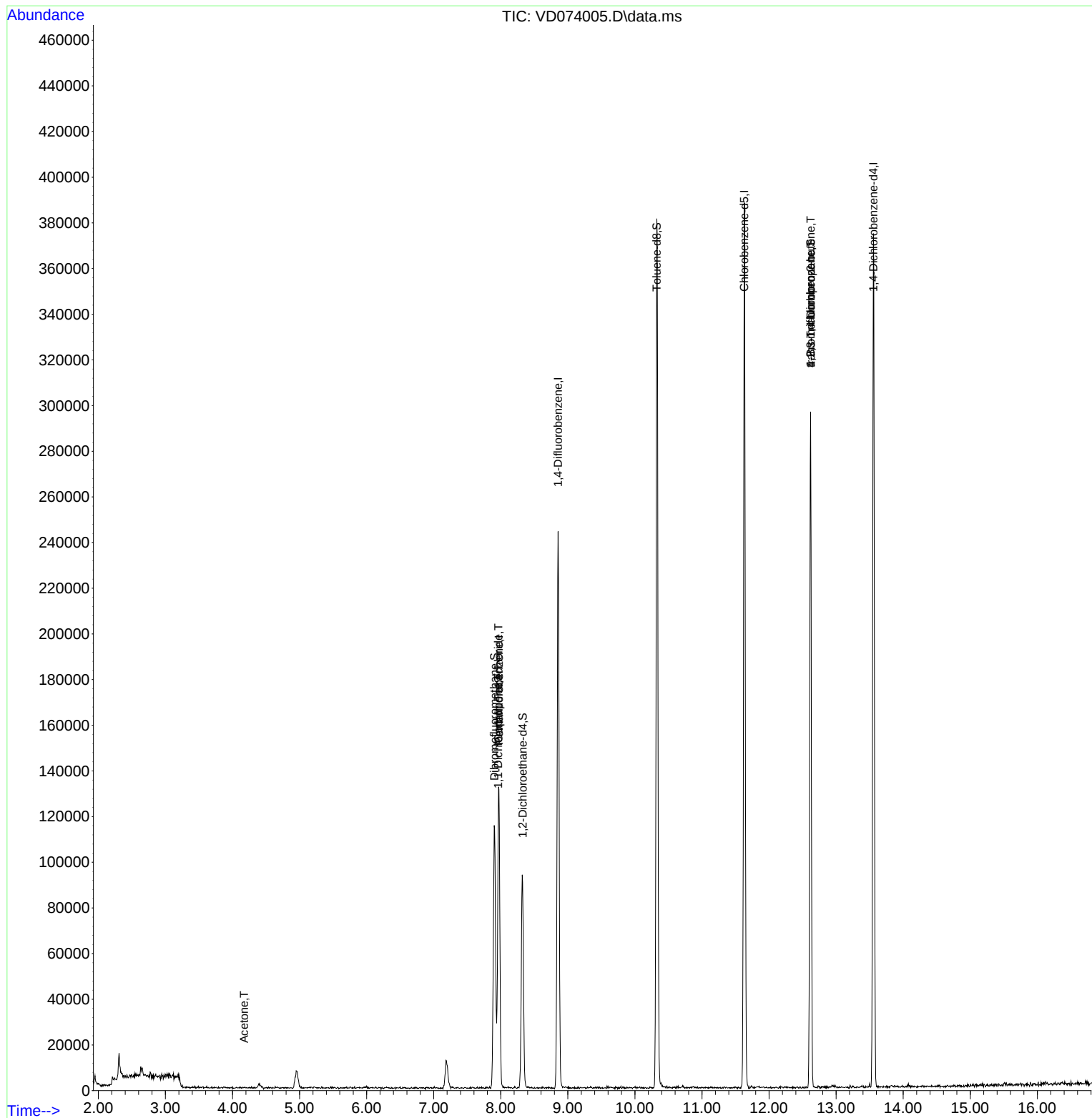
Internal Standards						
1) Pentafluorobenzene	7.973	168	93253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	202666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	99733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	73620	89.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.100%#	
35) Dibromofluoromethane	7.903	113	79770	64.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.860%	
50) Toluene-d8	10.326	98	257507	70.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 140.820%#	
62) 4-Bromofluorobenzene	12.620	95	93141	59.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	190	Below Cal	#	43
3) Chloromethane	2.203	50	416	Below Cal		98
5) Bromomethane	2.785	94	814	Below Cal	#	79
11) Tert butyl alcohol	5.226	59	378	Below Cal	#	74
16) Acetone	4.173	43	414	2.401	ug/l #	46
17) Carbon Disulfide	4.403	76	3616	Below Cal	#	78
31) Cyclohexane	7.967	56	2743	Below Cal	#	66
36) 1,1-Dichloropropene	7.961	75	7784	4.467	ug/l #	49
38) Carbon Tetrachloride	7.967	117	10513	5.125	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	50649	67.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	50649	144.006	ug/l #	13

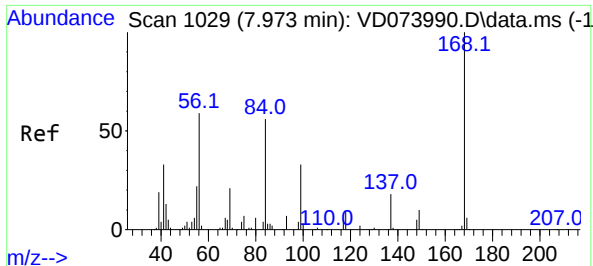
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074005.D

Acq: 09 Aug 2022 23:56

Instrument :

MSVOA_D

ClientSampleId :

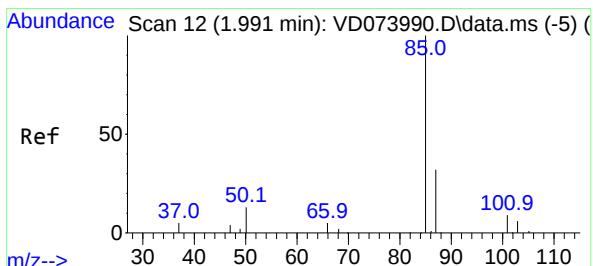
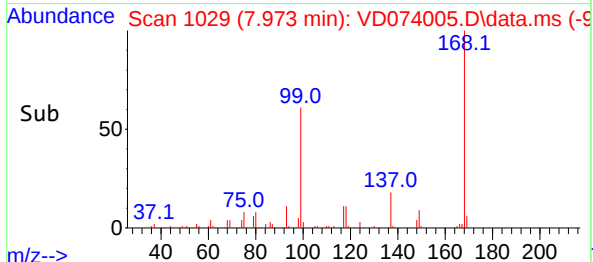
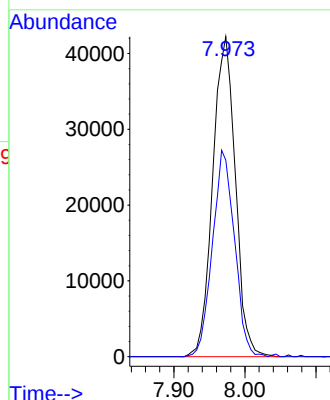
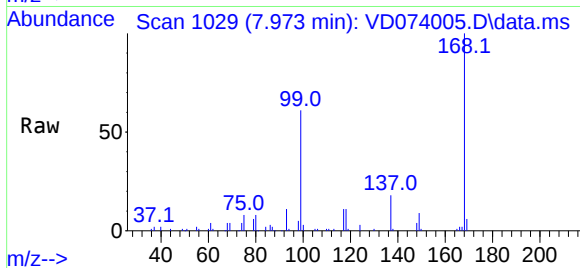
BEACONPOINT-BACKFILL-02

Tgt Ion:168 Resp: 93253

Ion Ratio Lower Upper

168 100

99 61.4 48.3 72.5



Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074005.D

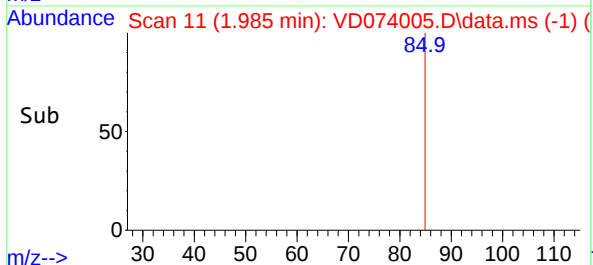
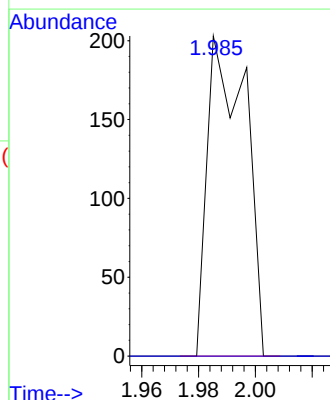
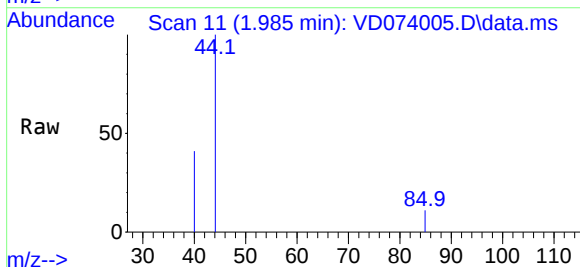
Acq: 09 Aug 2022 23:56

Tgt Ion: 85 Resp: 190

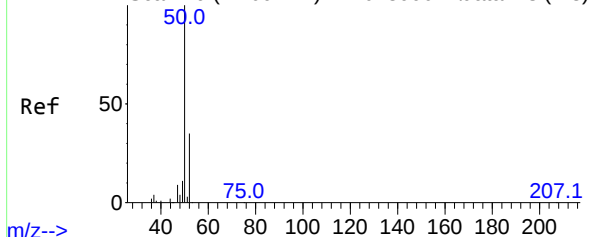
Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Scan 49 (2.209 min): VD073990.D\data.ms (-43)



#3

Chloromethane

Concen: Below Cal

RT: 2.203 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD074005.D

Acq: 09 Aug 2022 23:56

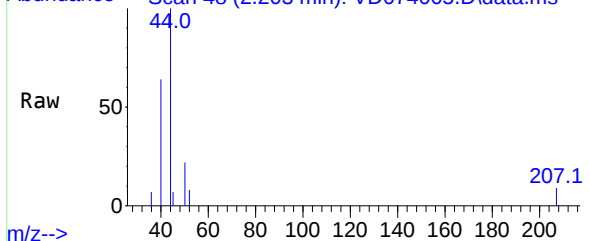
Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-02

Abundance Scan 48 (2.203 min): VD074005.D\data.ms



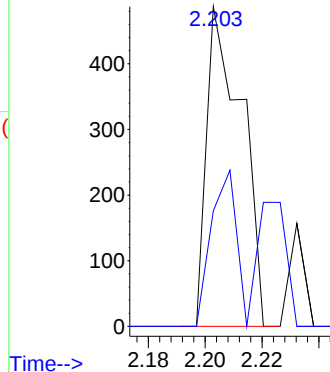
Tgt Ion: 50 Resp: 416

Ion Ratio Lower Upper

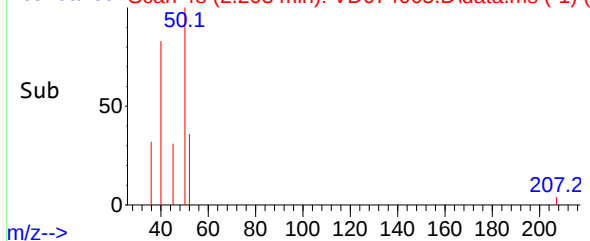
50 100

52 36.1 28.1 42.1

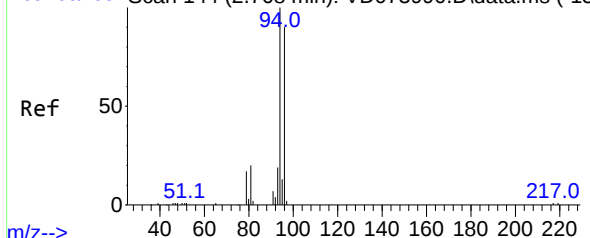
Abundance



Abundance Scan 48 (2.203 min): VD074005.D\data.ms (-1)



Abundance Scan 144 (2.768 min): VD073990.D\data.ms (-13)



#5

Bromomethane

Concen: Below Cal

RT: 2.785 min Scan# 147

Delta R.T. 0.017 min

Lab File: VD074005.D

Acq: 09 Aug 2022 23:56

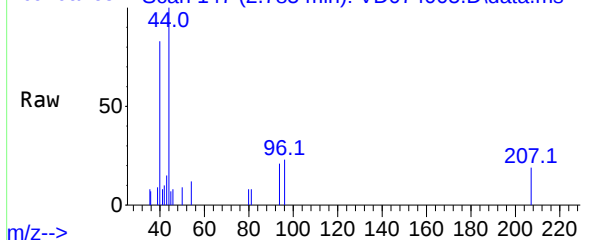
Tgt Ion: 94 Resp: 814

Ion Ratio Lower Upper

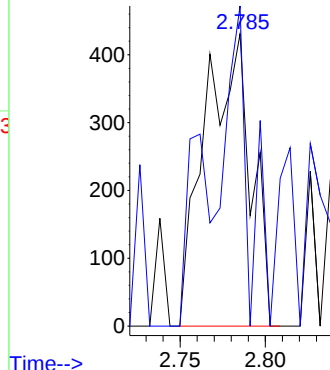
94 100

96 109.5 72.0 108.0#

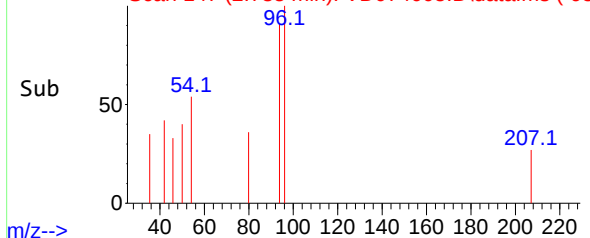
Abundance Scan 147 (2.785 min): VD074005.D\data.ms

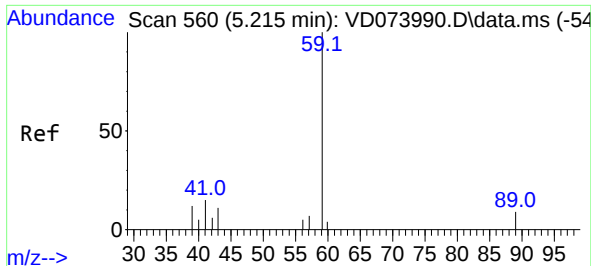


Abundance



Abundance Scan 147 (2.785 min): VD074005.D\data.ms (-93)

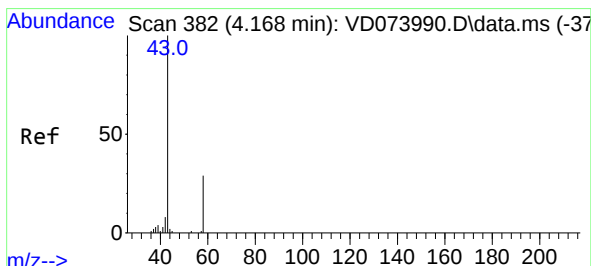
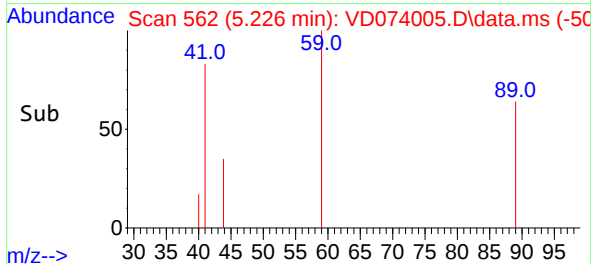
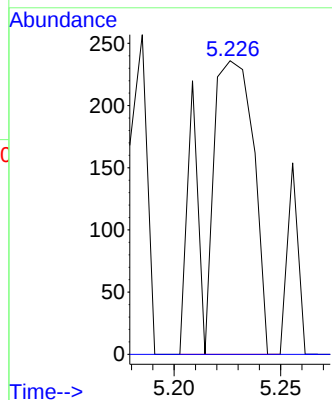
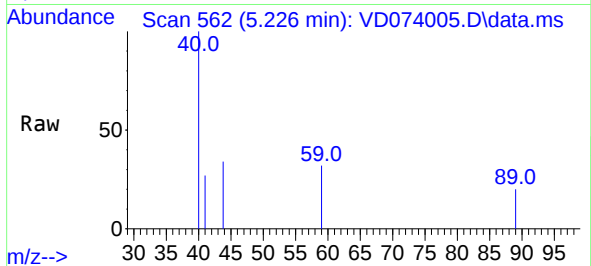




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 50
Delta R.T. 0.011 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

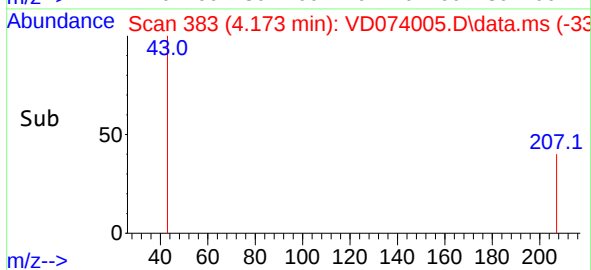
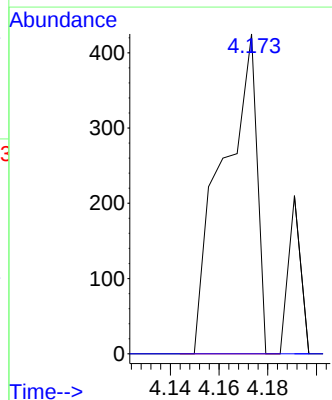
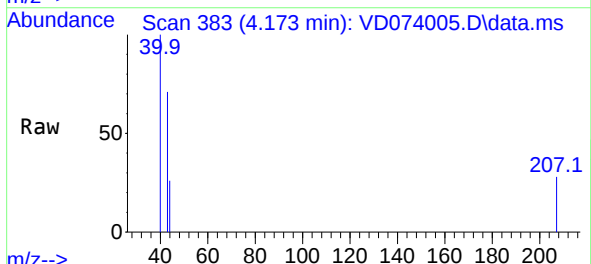
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-02

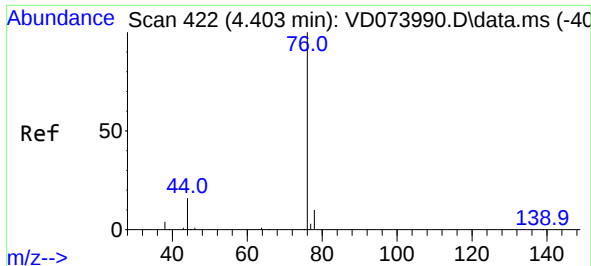
Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.401 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.005 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 0.0 22.8 34.2#

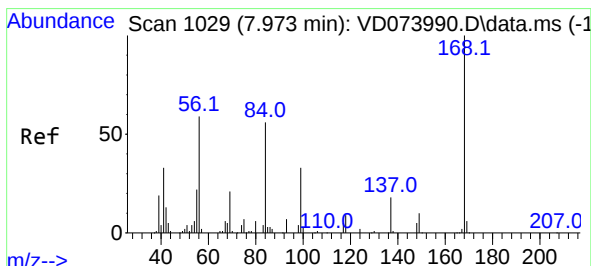
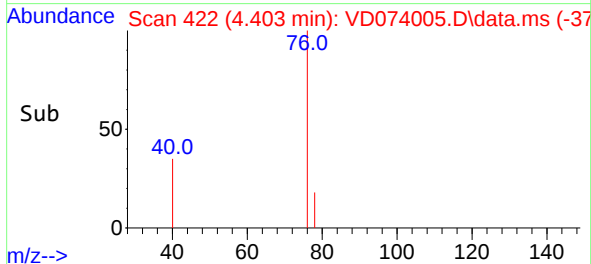
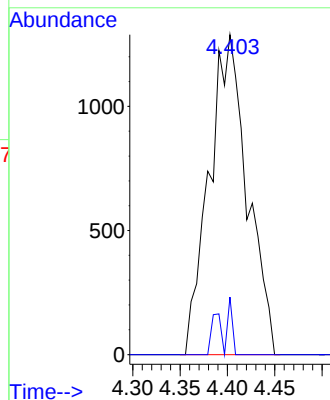
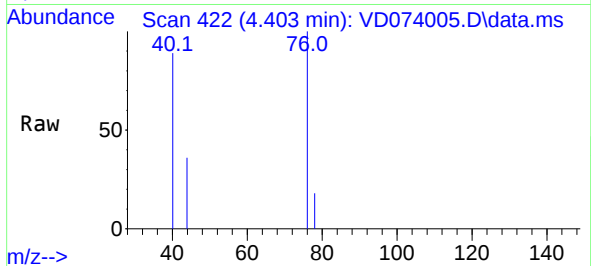




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

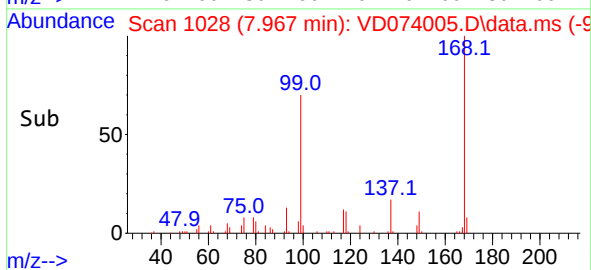
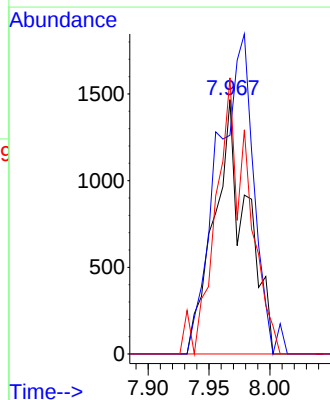
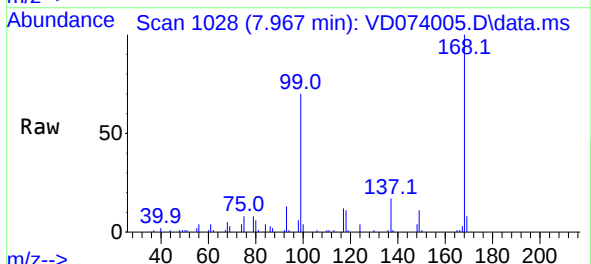
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-02

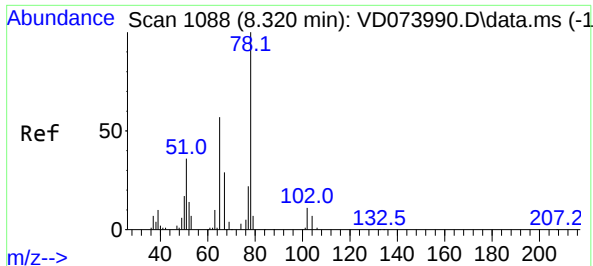
Tgt Ion: 76 Resp: 3616
Ion Ratio Lower Upper
76 100
78 18.0 7.9 11.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Tgt Ion: 56 Resp: 2743
Ion Ratio Lower Upper
56 100
69 86.0 27.9 41.9#
84 108.5 75.8 113.6





#33

1,2-Dichloroethane-d4

Concen: 89.046 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD074005.D

Acq: 09 Aug 2022 23:56

Instrument :

MSVOA_D

ClientSampleId :

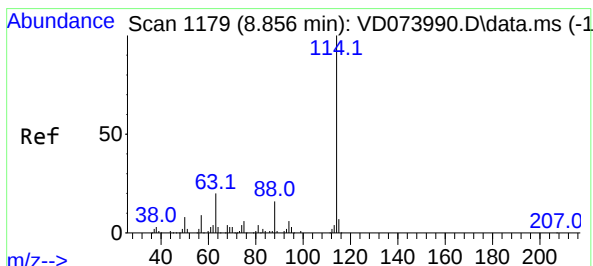
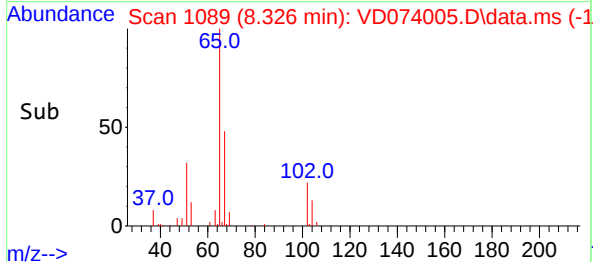
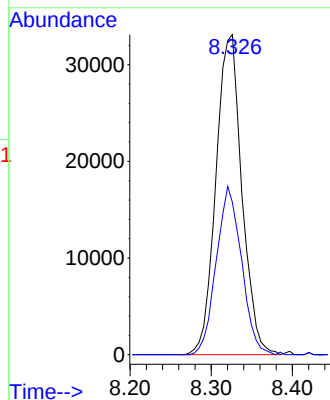
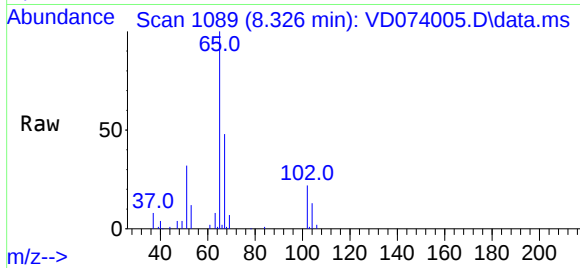
BEACONPOINT-BACKFILL-02

Tgt Ion: 65 Resp: 73620

Ion Ratio Lower Upper

65 100

67 51.1 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: VD074005.D

Acq: 09 Aug 2022 23:56

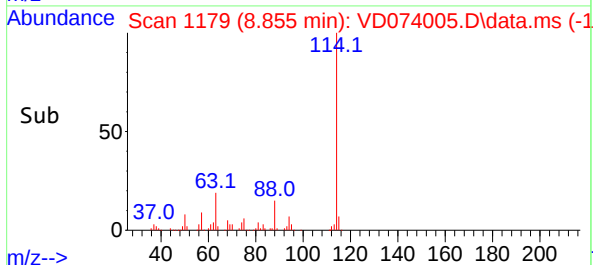
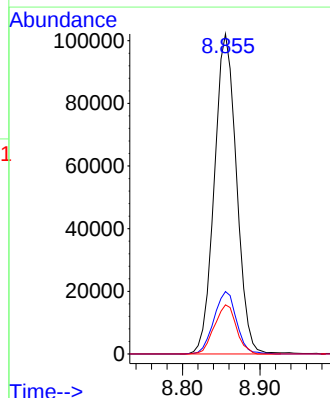
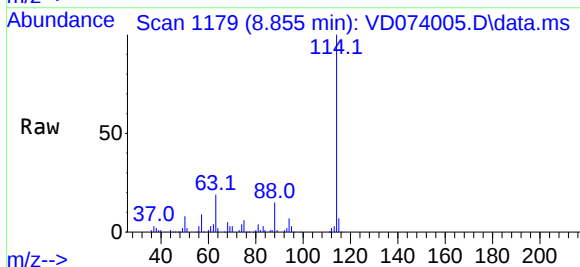
Tgt Ion: 114 Resp: 202666

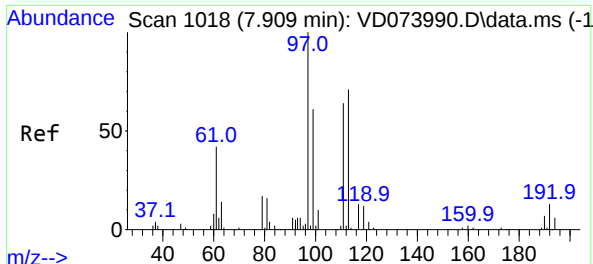
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 15.4 0.0 31.6

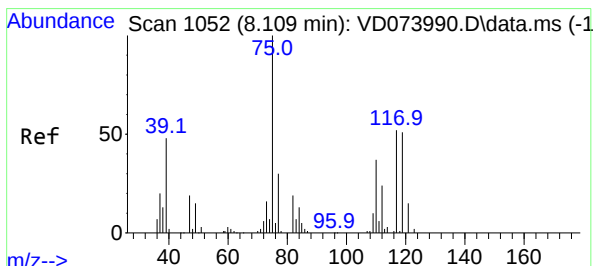
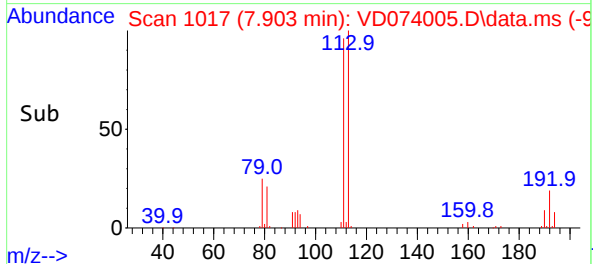
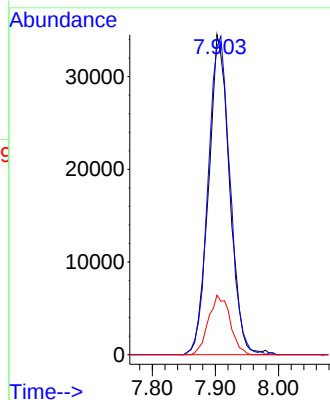
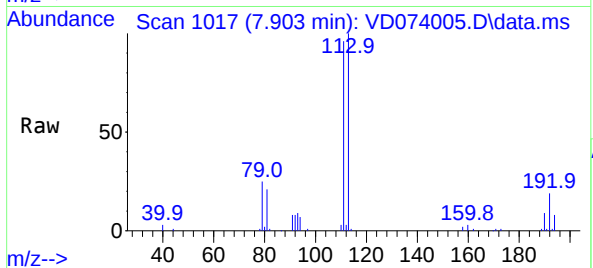




#35
Dibromofluoromethane
Concen: 64.433 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

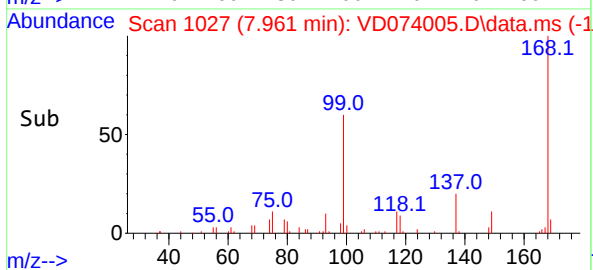
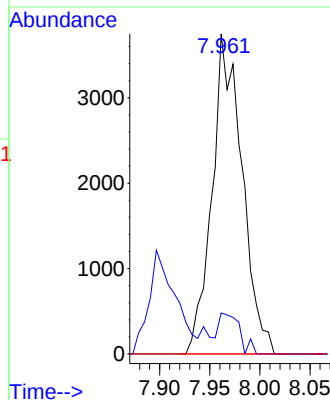
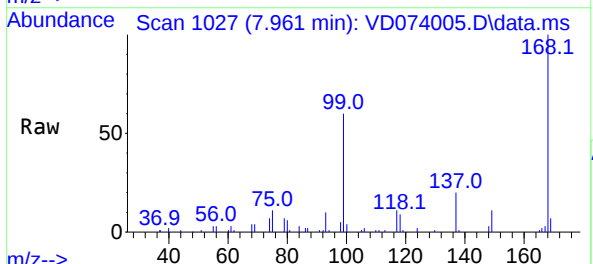
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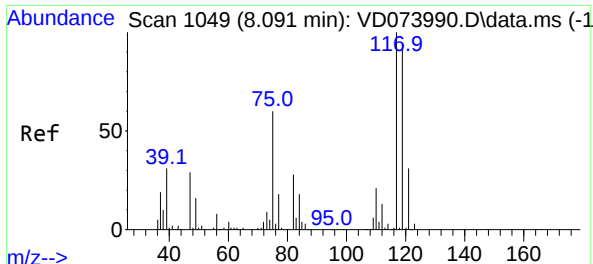
Tgt Ion:113 Resp: 79770
Ion Ratio Lower Upper
113 100
111 103.1 80.0 120.0
192 19.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.147 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

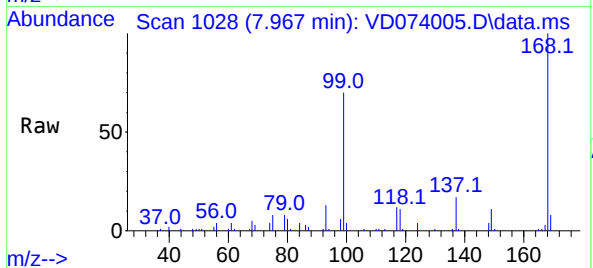
Tgt Ion: 75 Resp: 7784
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.4#
77 0.0 24.6 36.8#



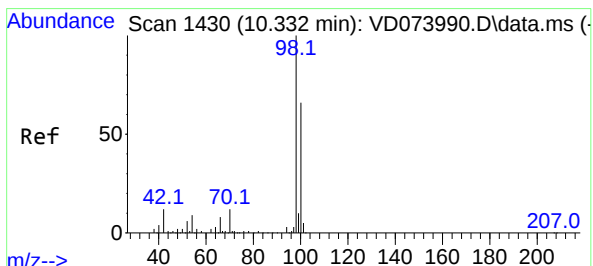
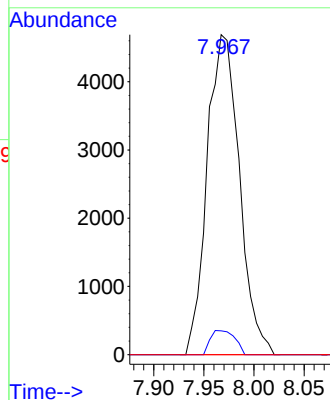
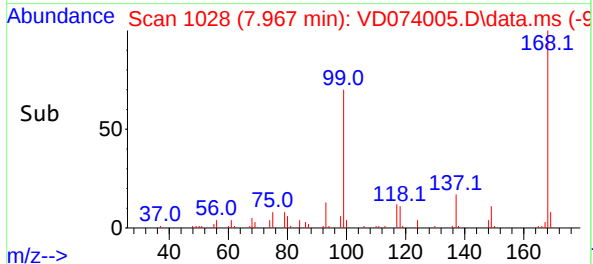


#38
Carbon Tetrachloride
Concen: 5.125 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.124 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Instrument : MSVOA_D
ClientSampleId : BEACONPOINT-BACKFILL-02

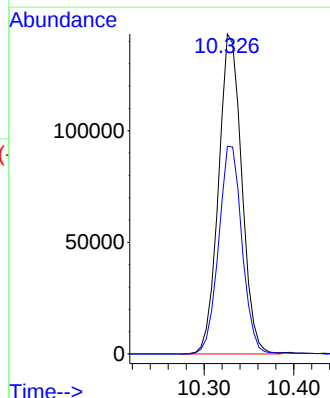
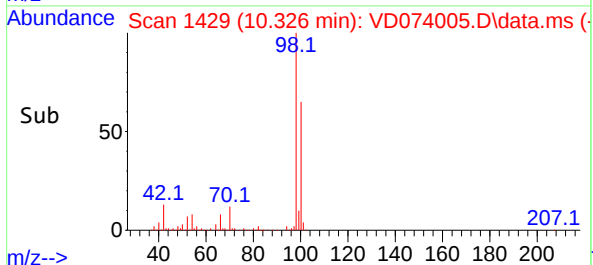
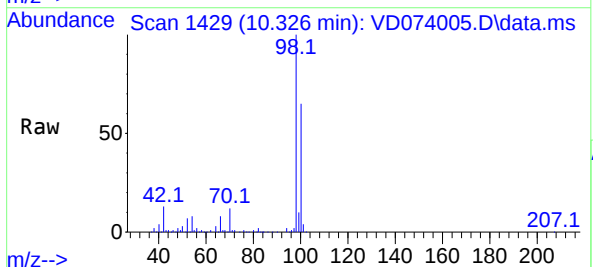


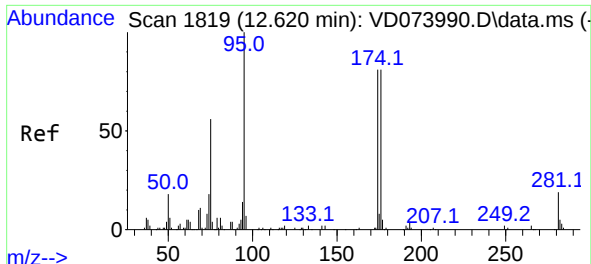
Tgt Ion:117 Resp: 10513
Ion Ratio Lower Upper
117 100
119 7.5 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 70.412 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Tgt Ion: 98 Resp: 257507
Ion Ratio Lower Upper
98 100
100 65.7 51.3 76.9

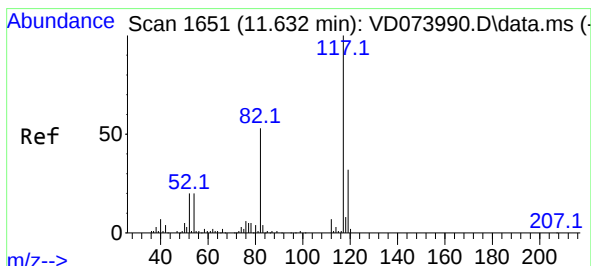
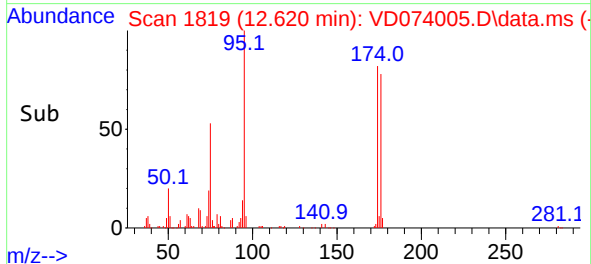
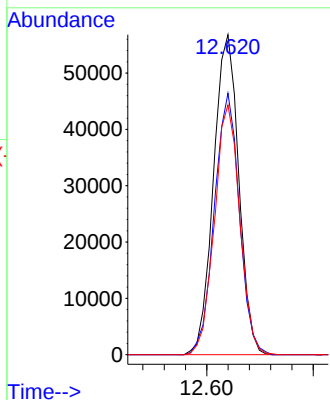
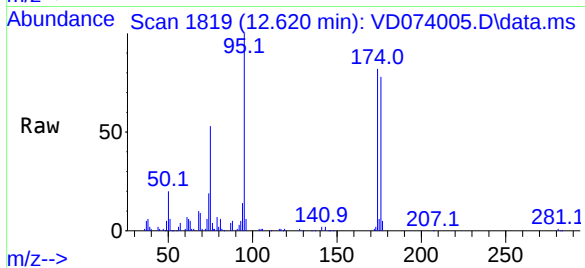




#62
4-Bromofluorobenzene
Concen: 59.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

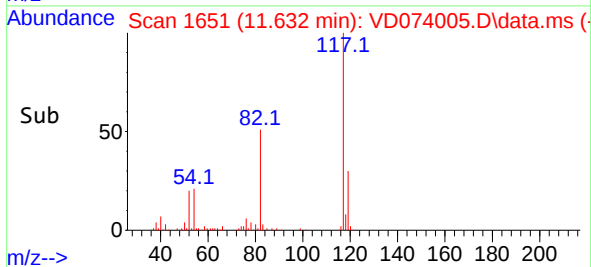
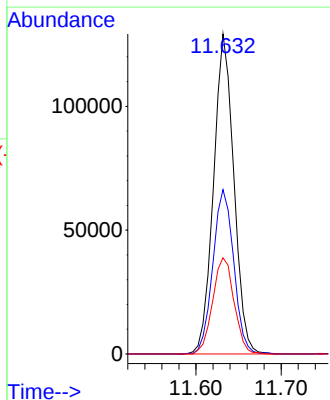
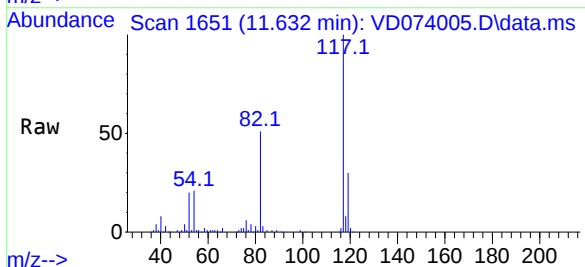
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-02

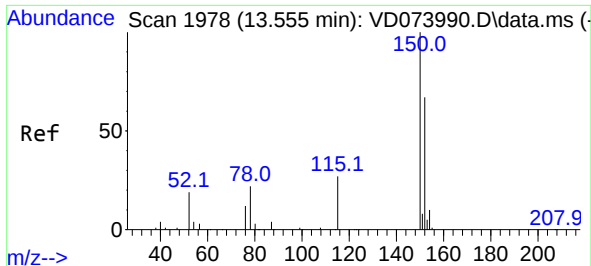
Tgt Ion: 95 Resp: 93141
Ion Ratio Lower Upper
95 100
174 80.8 0.0 162.6
176 78.1 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Tgt Ion: 117 Resp: 213953
Ion Ratio Lower Upper
117 100
82 51.4 42.7 64.1
119 30.0 25.8 38.8

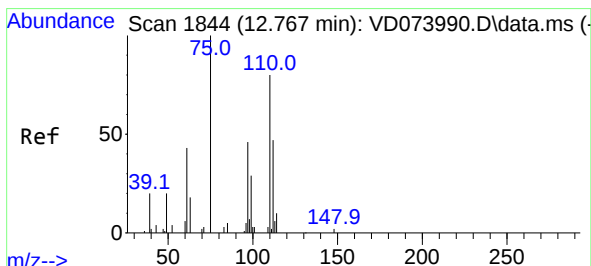
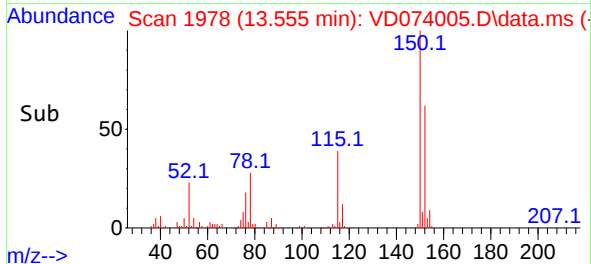
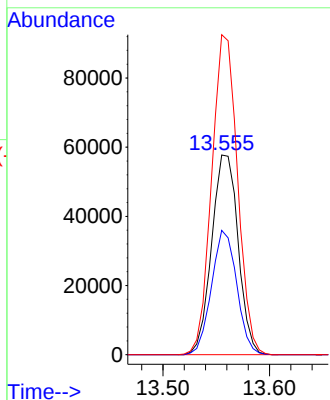
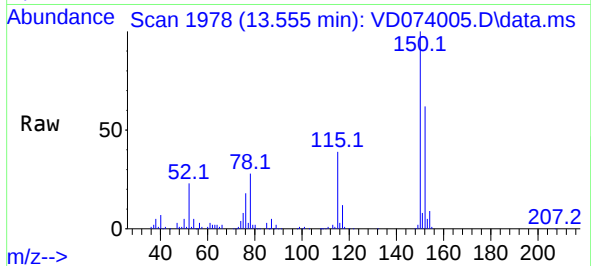




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.000 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

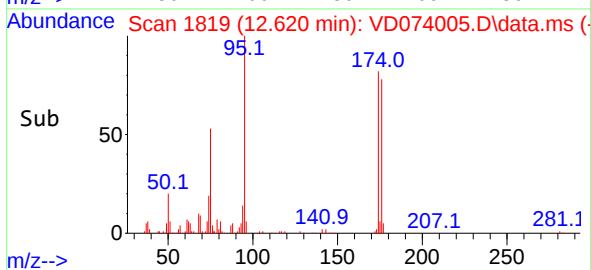
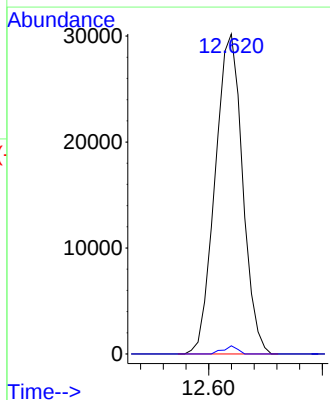
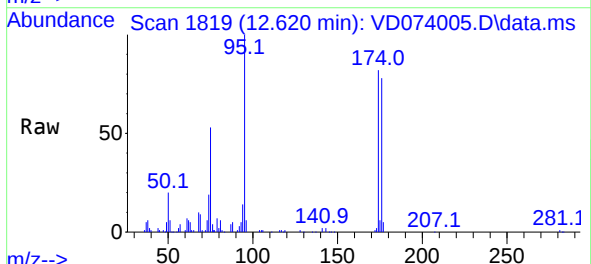
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-02

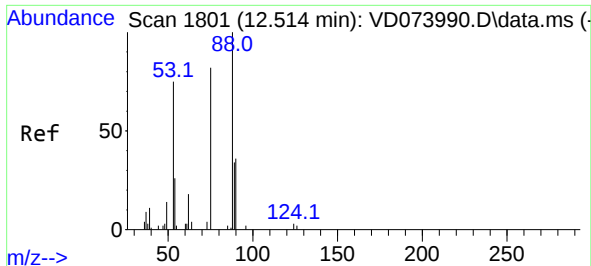
Tgt Ion:152 Resp: 99733
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.8
150 156.1 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 67.002 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

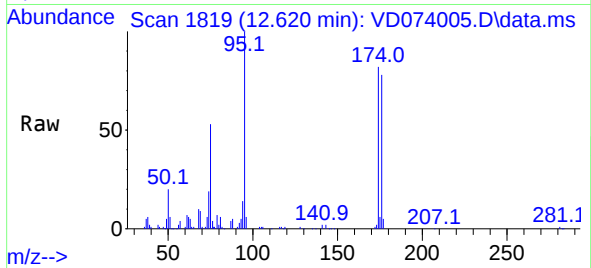
Tgt Ion: 75 Resp: 50649
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 144.006 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-02



Tgt Ion:	75	Resp:	50649
Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.3	106.9#
89	0.0	38.3	57.5#

