

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068486.D
 Acq On : 15 Sep 2021 16:08
 Operator : JC/MD
 Sample : M3744-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PILOT-PLANT-PROCESS-BLEED

Quant Time: Sep 16 03:15:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	495666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	725223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	637117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	250887	55.179	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.360%
35) Dibromofluoromethane	8.024	113	228191	52.169	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.340%
50) Toluene-d8	10.446	98	852480	53.654	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.300%
62) 4-Bromofluorobenzene	12.736	95	247925	48.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.520%

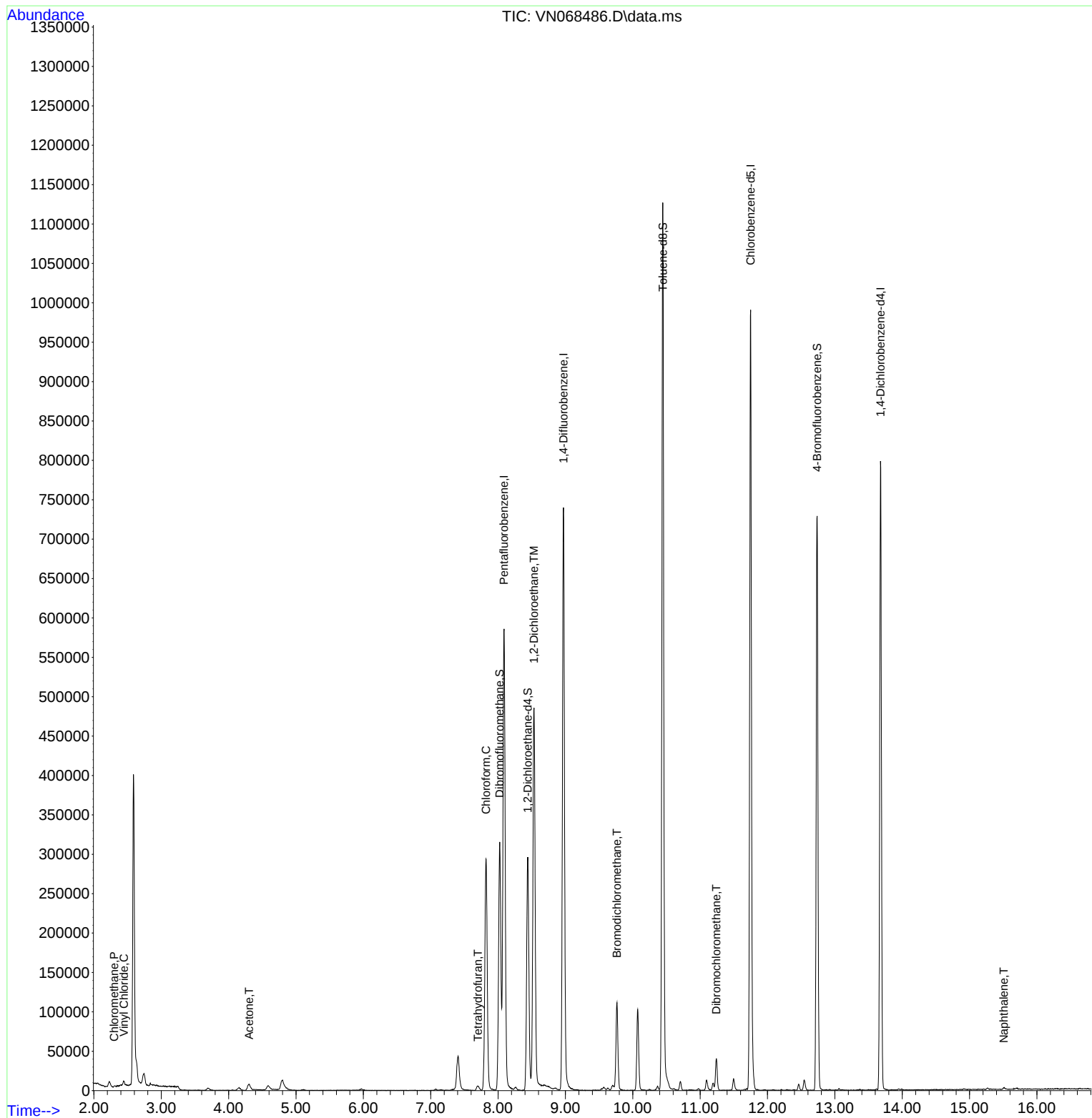
Target Compounds					Qvalue	
3) Chloromethane	2.301	50	1587	0.391	ug/l	98
4) Vinyl Chloride	2.446	62	4631	0.755	ug/l	99
16) Acetone	4.304	43	15324	10.185	ug/l	95
29) Tetrahydrofuran	7.702	42	4342	3.010	ug/l #	65
30) Chloroform	7.820	83	297021	34.594	ug/l	99
42) 1,2-Dichloroethane	8.534	62	479216	77.280	ug/l	98
47) Bromodichloromethane	9.765	83	75412	11.555	ug/l	97
60) Dibromochloromethane	11.240	129	23545	4.245	ug/l	98
95) Naphthalene	15.507	128	2912	3.783	ug/l #	87

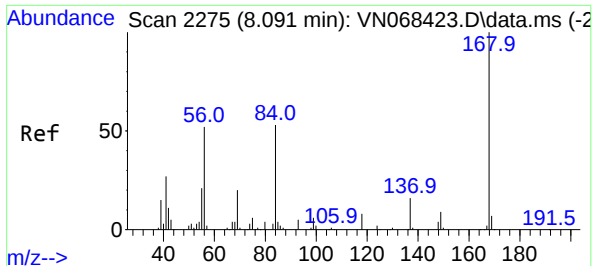
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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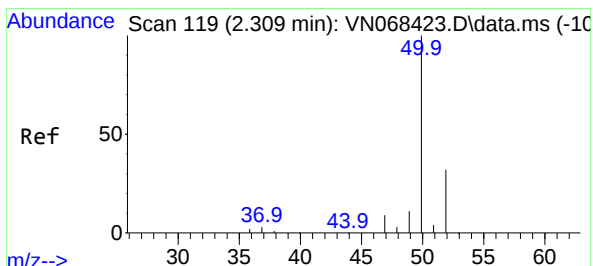
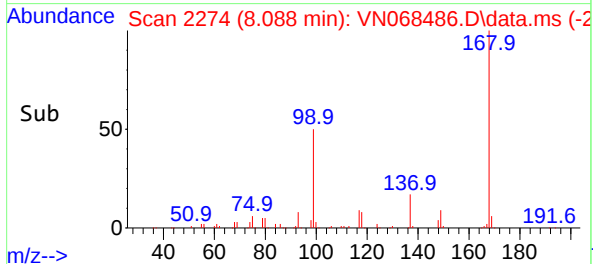
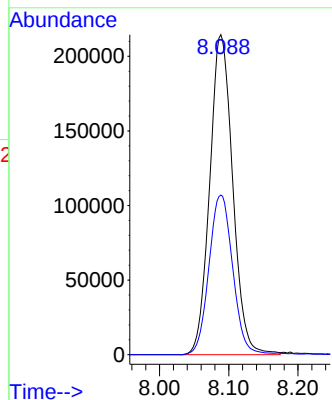
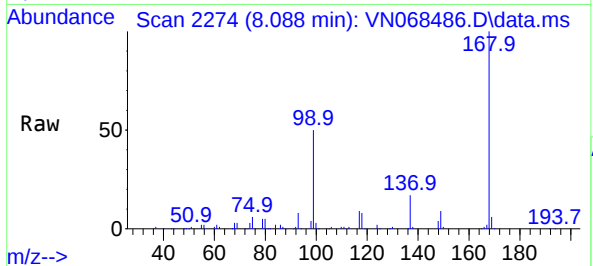




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

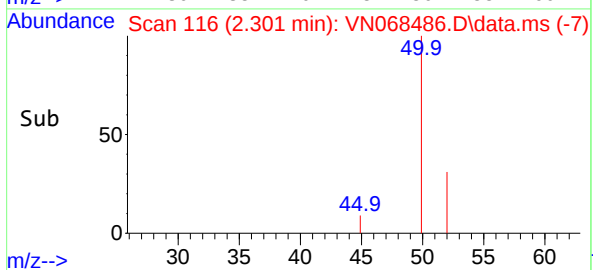
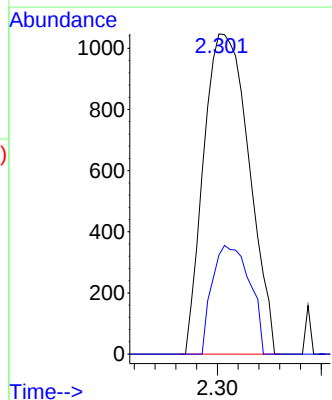
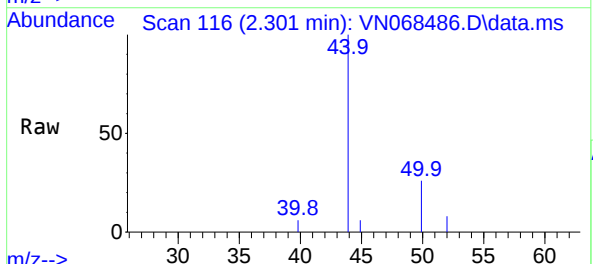
Instrument :
MSVOA_N
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

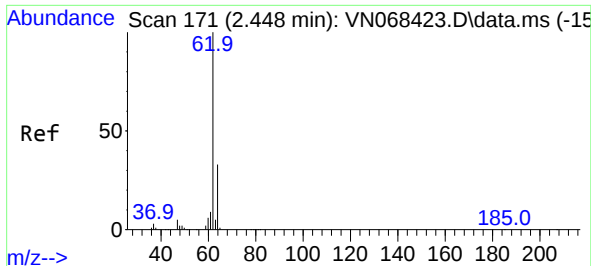
Tgt Ion:168 Resp: 495666
Ion Ratio Lower Upper
168 100
99 49.9 38.2 57.4



#3
Chloromethane
Concen: 0.391 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.008 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

Tgt Ion: 50 Resp: 1587
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.6

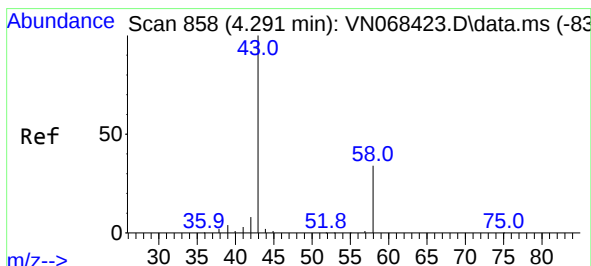
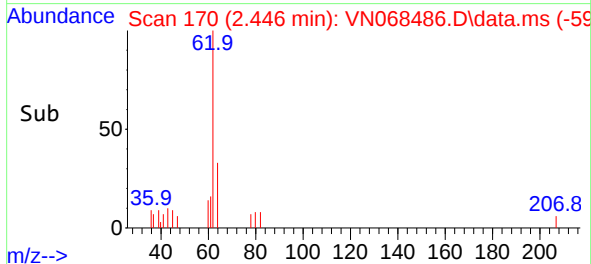
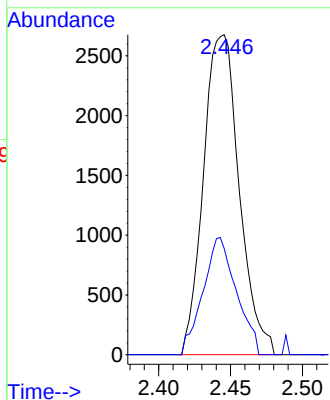
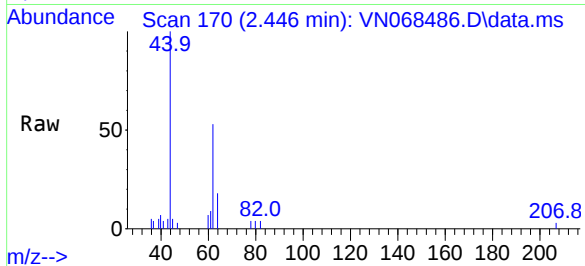




#4
 Vinyl Chloride
 Concen: 0.755 ug/l
 RT: 2.446 min Scan# 170
 Delta R.T. -0.003 min
 Lab File: VN068486.D
 Acq: 15 Sep 2021 16:08

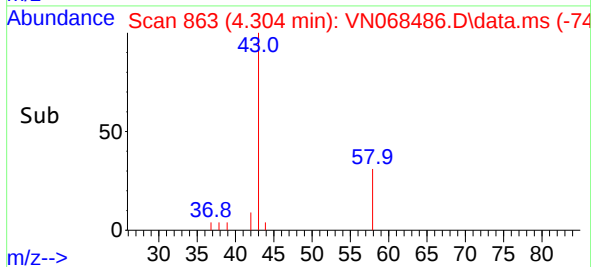
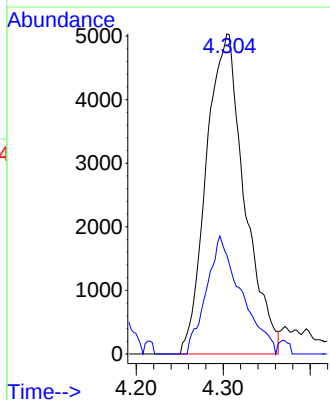
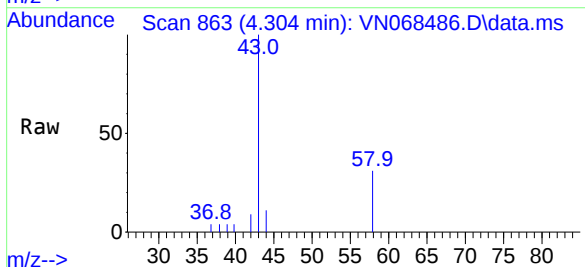
Instrument :
 MSVOA_N
 ClientSampleId :
 PILOT-PLANT-PROCESS-BLEED

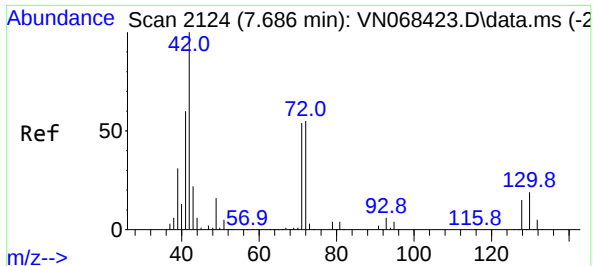
Tgt Ion: 62 Resp: 4631
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.3 39.5



#16
 Acetone
 Concen: 10.185 ug/l
 RT: 4.304 min Scan# 863
 Delta R.T. 0.014 min
 Lab File: VN068486.D
 Acq: 15 Sep 2021 16:08

Tgt Ion: 43 Resp: 15324
 Ion Ratio Lower Upper
 43 100
 58 30.9 27.0 40.6

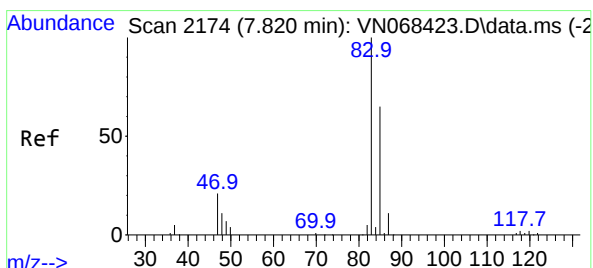
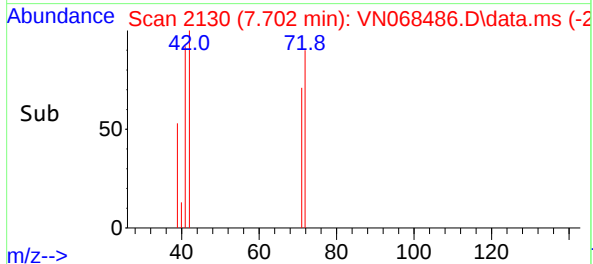
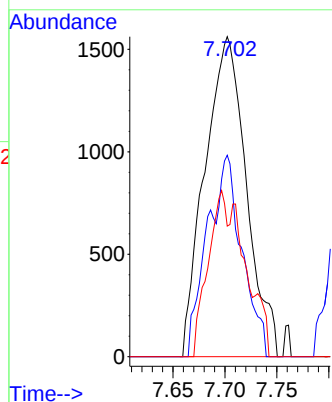
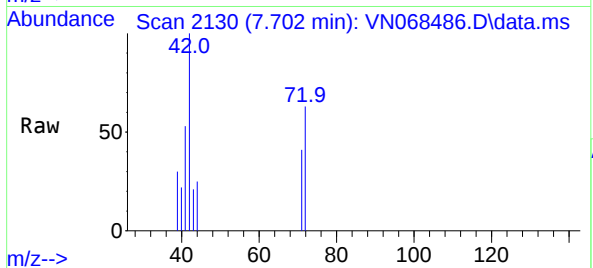




#29
Tetrahydrofuran
Concen: 3.010 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.016 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

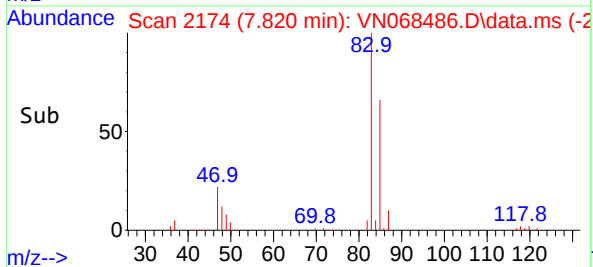
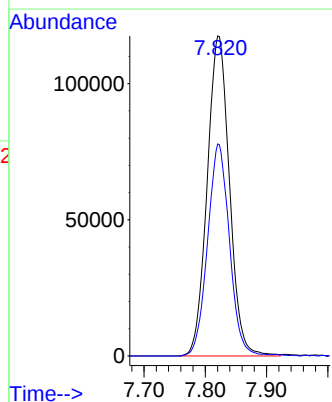
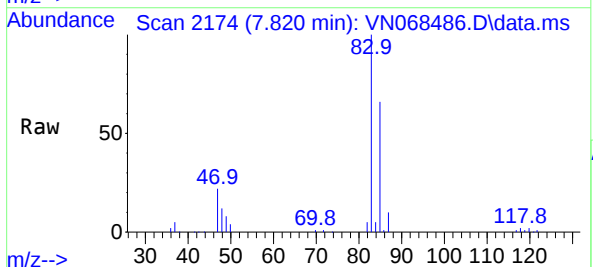
Instrument :
MSVOA_N
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

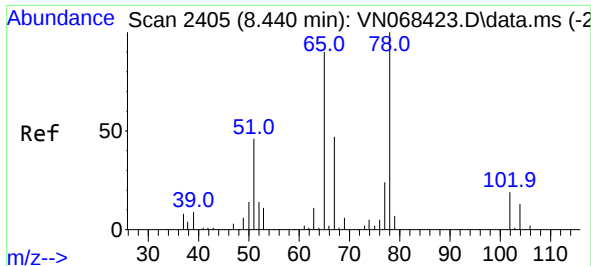
Tgt Ion:	42	Resp:	4342
Ion	Ratio	Lower	Upper
42	100		
72	34.2	44.4	66.6#
71	23.6	42.3	63.5#



#30
Chloroform
Concen: 34.594 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

Tgt Ion:	83	Resp:	297021
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.2	78.4

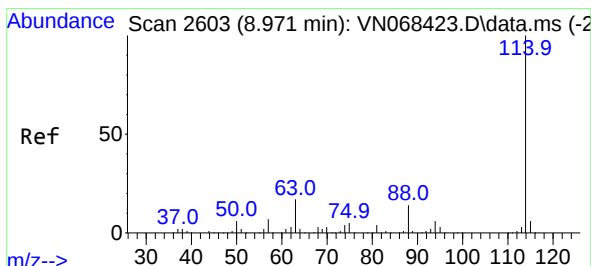
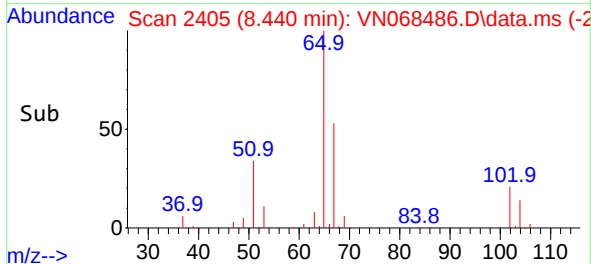
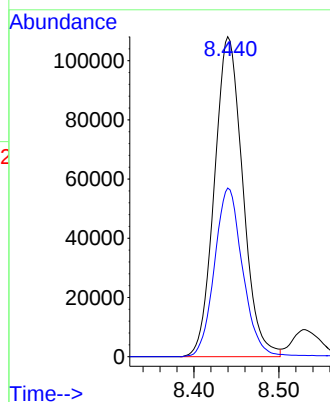
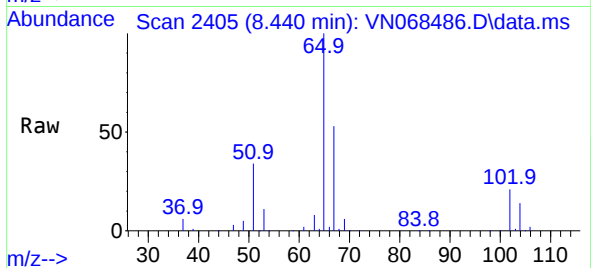




#33
1,2-Dichloroethane-d4
Concen: 55.179 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

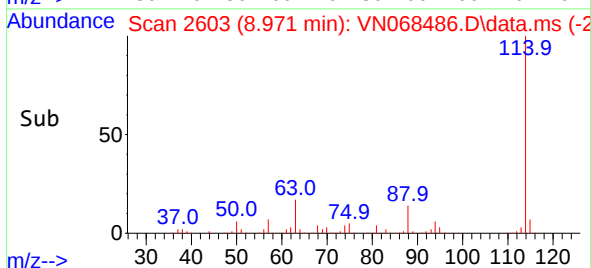
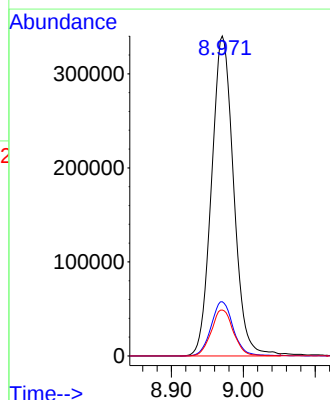
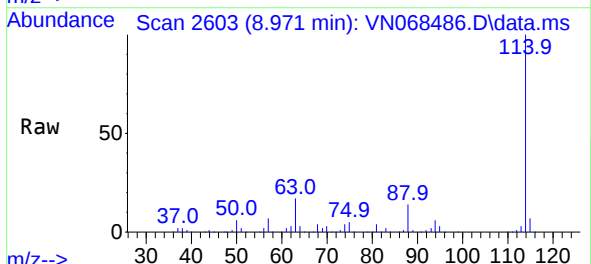
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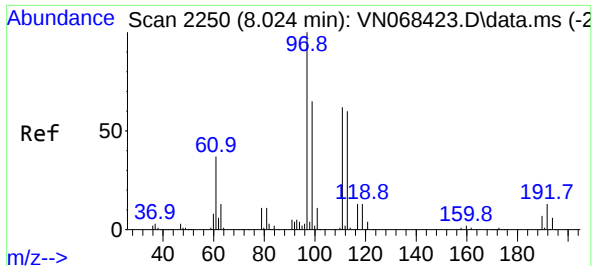
Tgt Ion: 65 Resp: 250887
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

Tgt Ion: 114 Resp: 725223
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.2
88 14.3 0.0 28.4



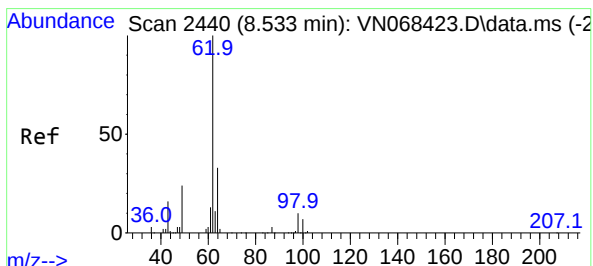
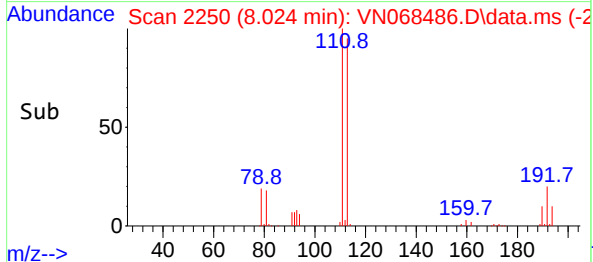
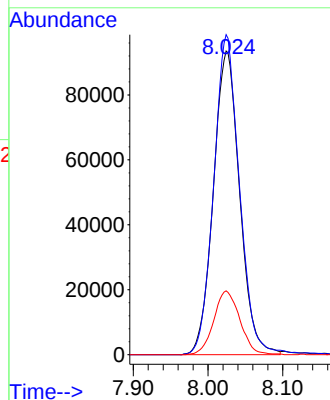
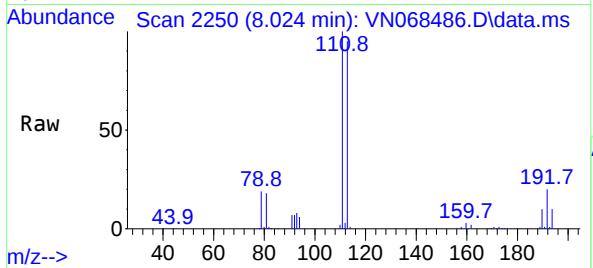


#35
 Dibromofluoromethane
 Concen: 52.169 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: VN068486.D
 Acq: 15 Sep 2021 16:08

Instrument :
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Tgt Ion:113 Resp: 228191

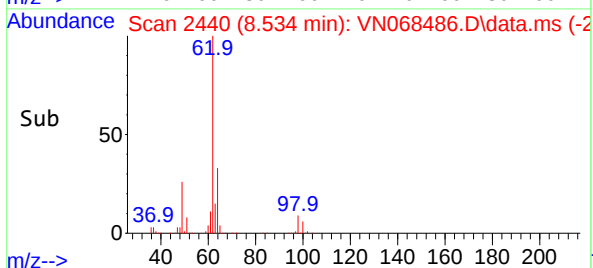
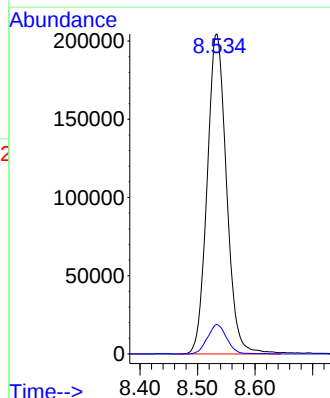
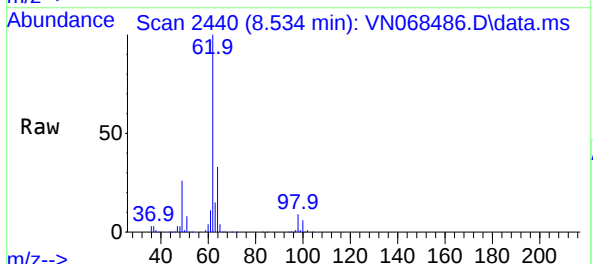
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.1	121.7
192	20.9	17.7	26.5

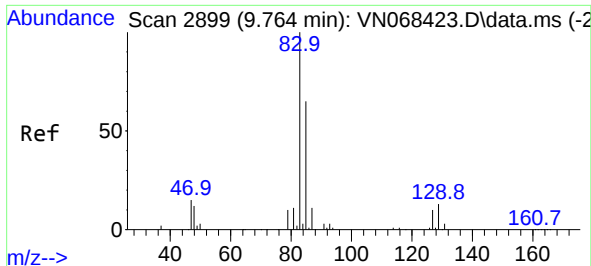


#42
 1,2-Dichloroethane
 Concen: 77.280 ug/l
 RT: 8.534 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: VN068486.D
 Acq: 15 Sep 2021 16:08

Tgt Ion: 62 Resp: 479216

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2

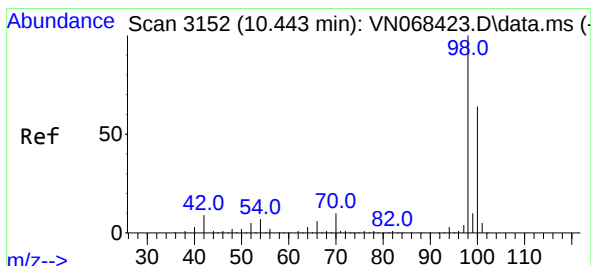
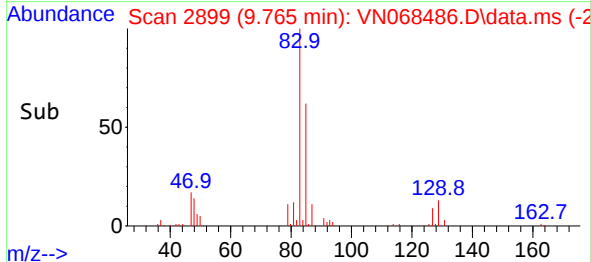
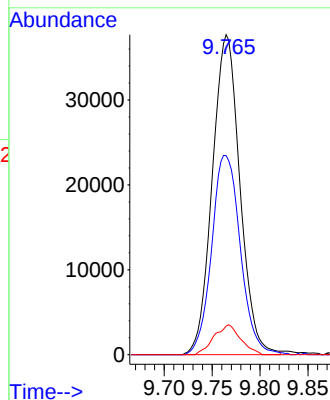
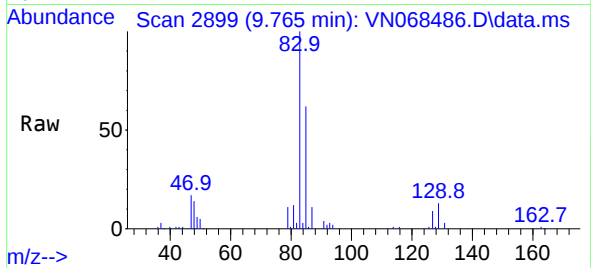




#47
Bromodichloromethane
Concen: 11.555 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

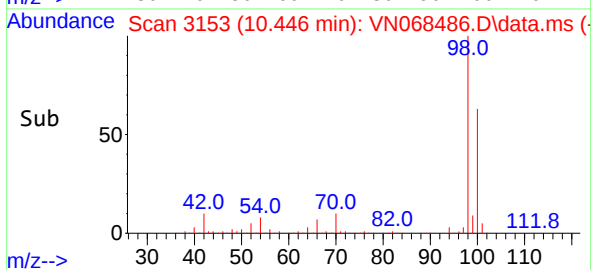
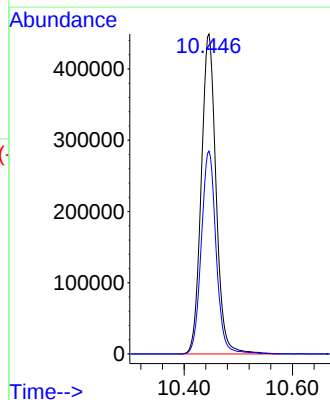
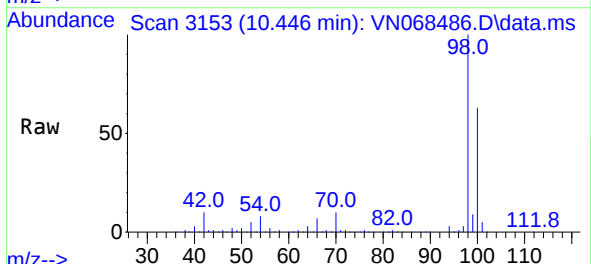
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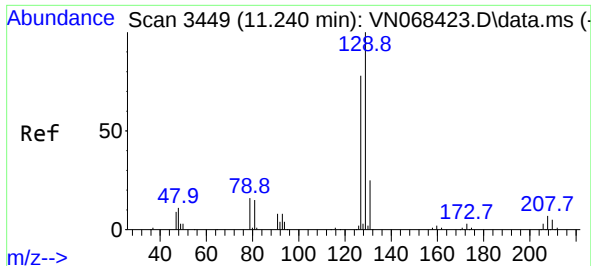
Tgt Ion:	83	Resp:	75412
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.6	77.4
127	8.9	8.1	12.1



#50
Toluene-d8
Concen: 53.654 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

Tgt Ion:	98	Resp:	852480
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.6

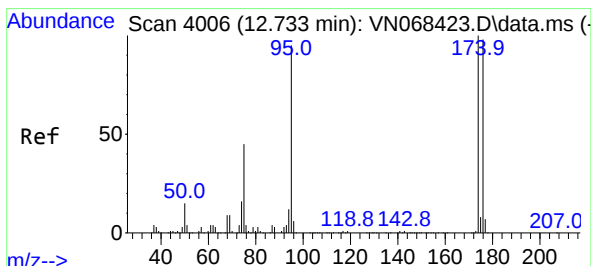
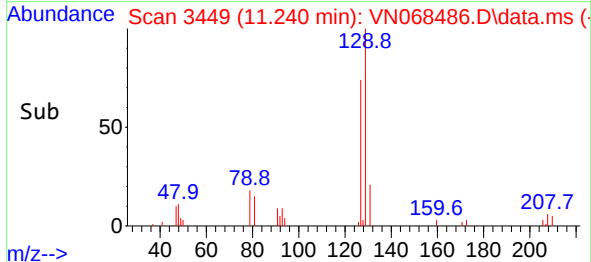
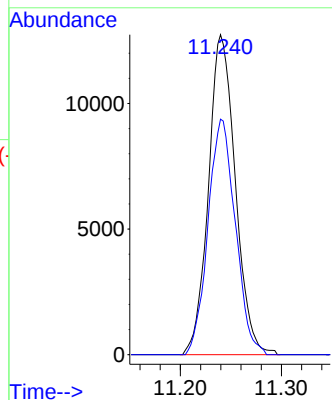
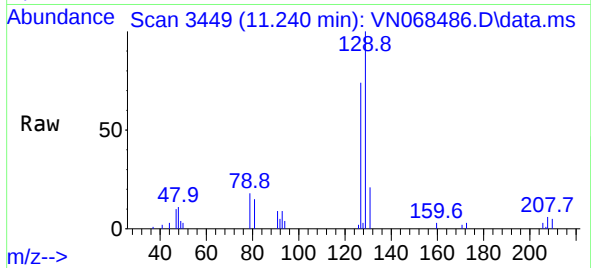




#60
Dibromochloromethane
Concen: 4.245 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

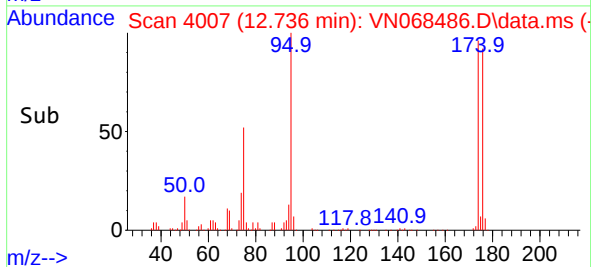
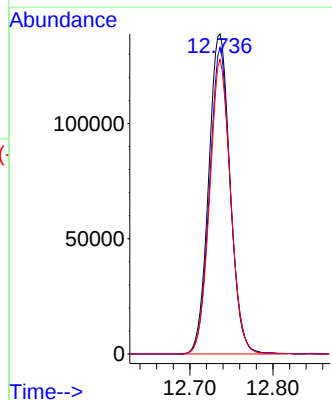
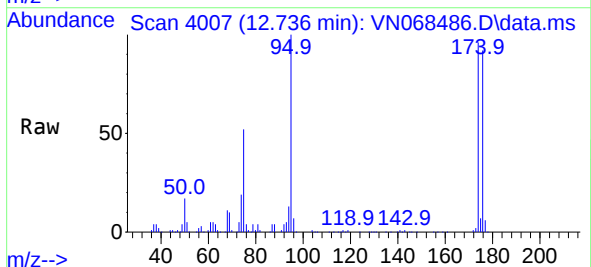
Instrument :
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PILOT-PLANT-PROCESS-BLEED

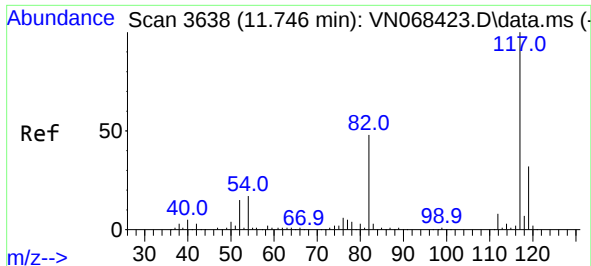
Tgt Ion:129 Resp: 23545
Ion Ratio Lower Upper
129 100
127 75.0 38.5 115.3



#62
4-Bromofluorobenzene
Concen: 48.765 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

Tgt Ion: 95 Resp: 247925
Ion Ratio Lower Upper
95 100
174 93.3 0.0 214.0
176 90.0 0.0 205.4

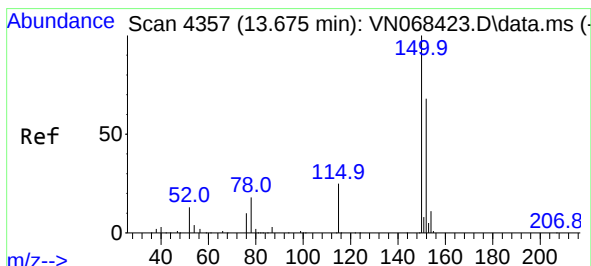
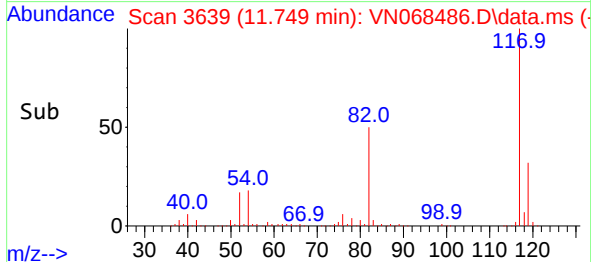
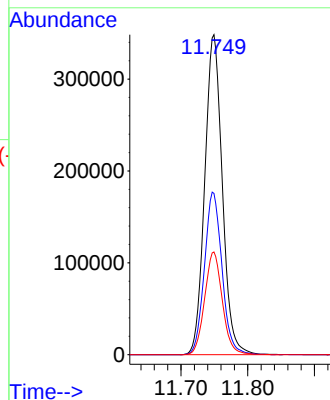
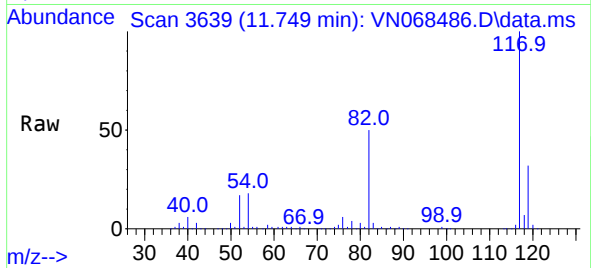




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

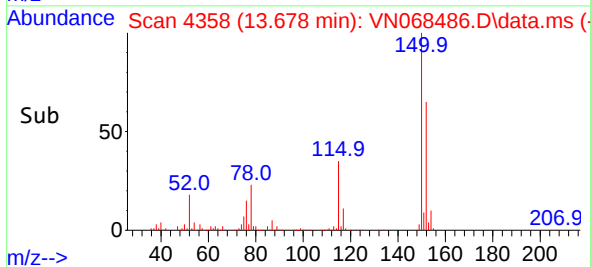
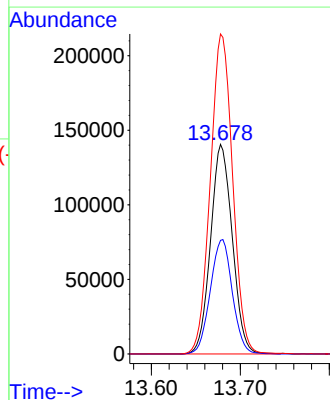
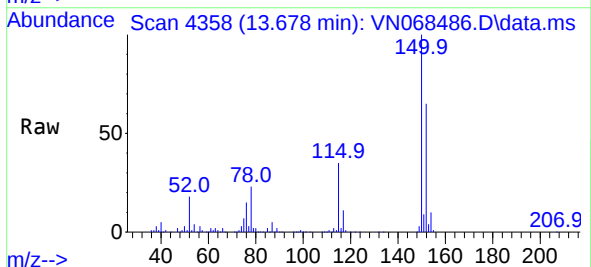
Instrument :
MSVOA_N
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

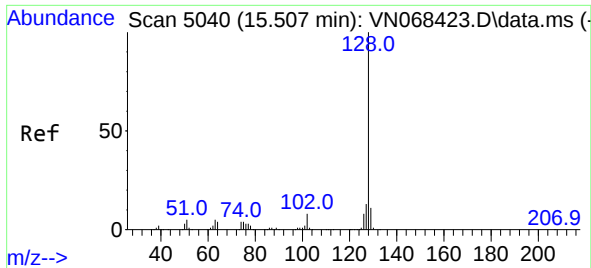
Tgt Ion:117 Resp: 637117
Ion Ratio Lower Upper
117 100
82 50.4 38.7 58.1
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

Tgt Ion:152 Resp: 238466
Ion Ratio Lower Upper
152 100
115 55.4 25.6 76.6
150 156.9 0.0 346.8





#95
Naphthalene
Concen: 3.783 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068486.D
Acq: 15 Sep 2021 16:08

Instrument :
MSVOA_N
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Tgt Ion:	128	Resp:	2912
Ion	Ratio	Lower	Upper
128	100		
127	7.5	10.6	15.8#
129	6.5	8.6	13.0#

