

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078286.D
 Acq On : 19 Jun 2023 18:13
 Operator : JC\MD
 Sample : PB153531TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153531TB

Quant Time: Jun 20 01:31:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

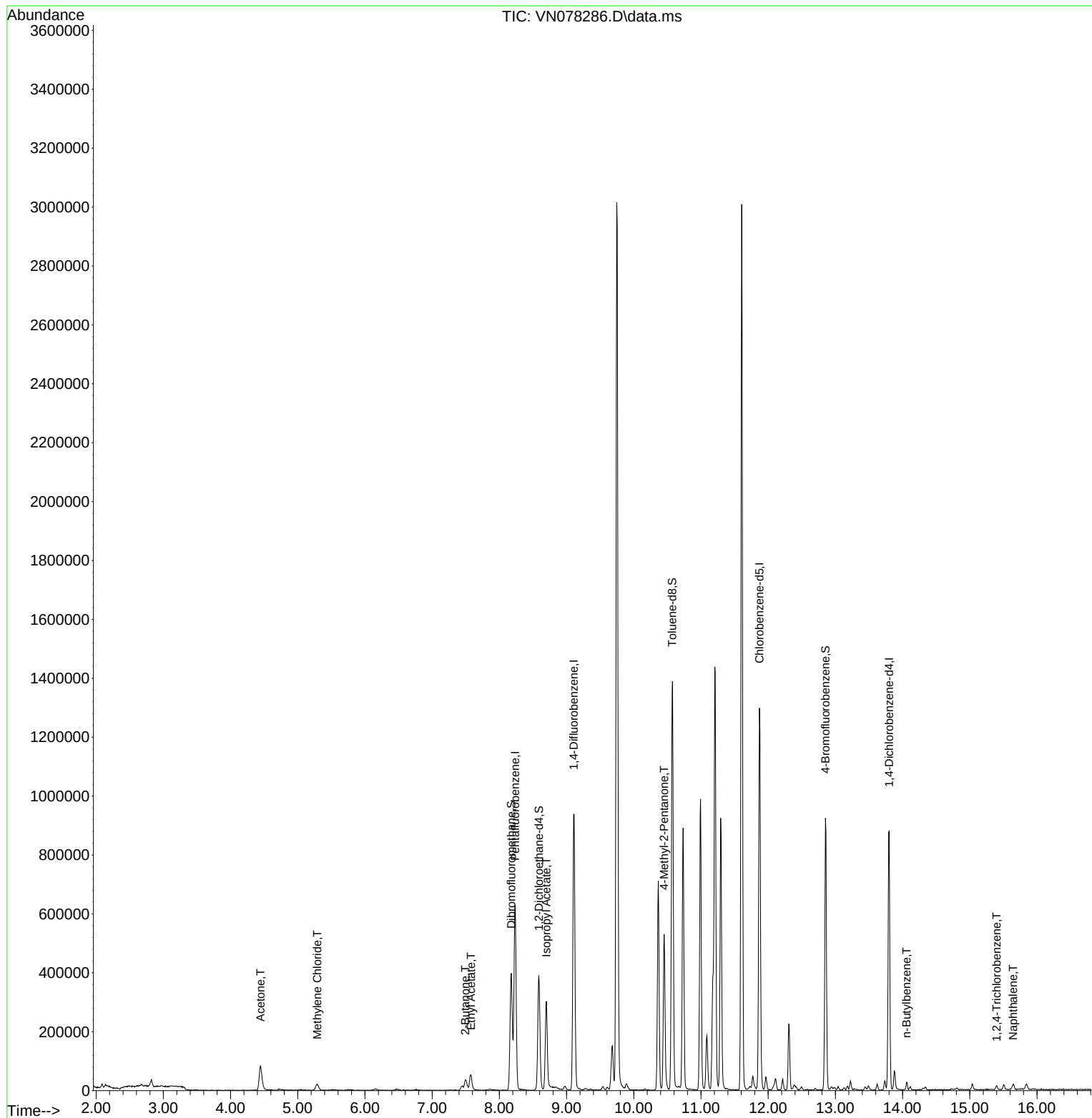
Internal Standards						
1) Pentafluorobenzene	8.235	168	452155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	847325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	778835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	322180	53.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.880%			
35) Dibromofluoromethane	8.177	113	290151	54.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	10.571	98	994333	48.143	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.280%			
62) 4-Bromofluorobenzene	12.853	95	320613	49.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.860%			
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	155871	89.826	ug/l	98
20) Methylene Chloride	5.289	84	16597	2.894	ug/l	94
25) 2-Butanone	7.494	43	53706	20.126	ug/l #	83
37) Ethyl Acetate	7.577	43	79501	13.243	ug/l	97
43) Isopropyl Acetate	8.700	43	348191	30.327	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	351946	58.213	ug/l	91
89) n-Butylbenzene	14.059	91	13401	1.003	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	4389	1.417	ug/l	96
95) Naphthalene	15.647	128	15960	1.532	ug/l #	88

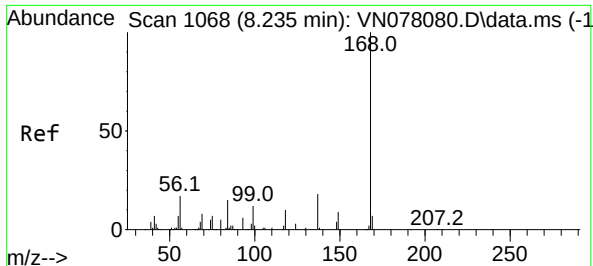
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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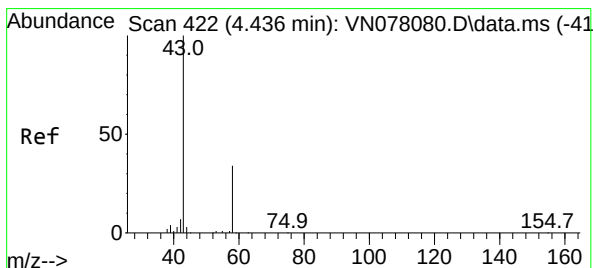
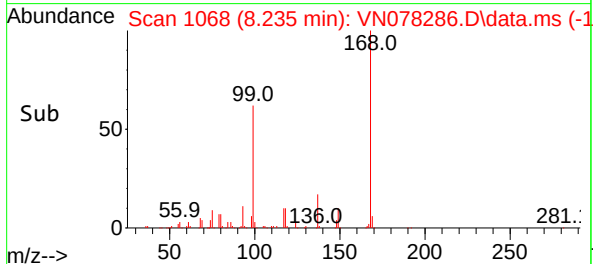
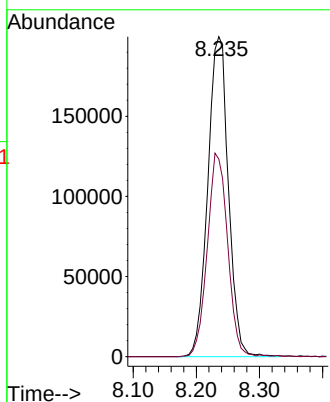
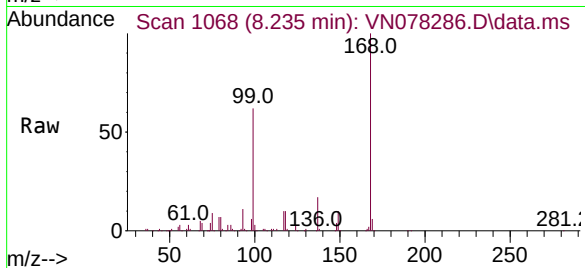




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

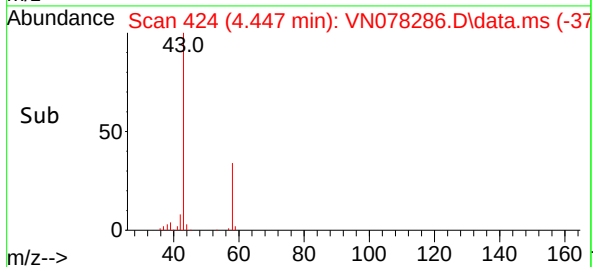
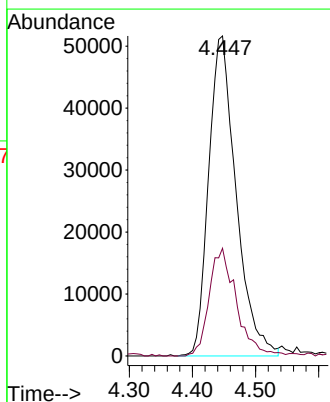
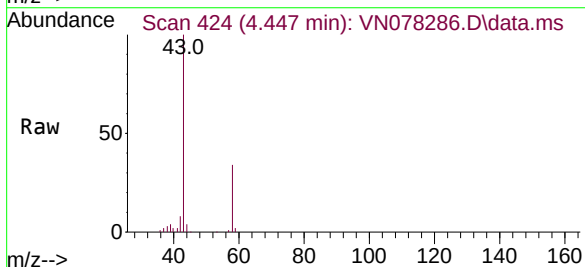
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

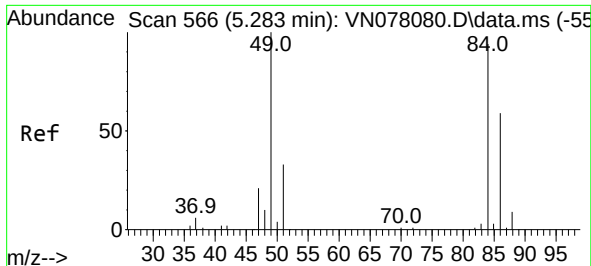
Tgt Ion:168 Resp: 452155
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#16
Acetone
Concen: 89.826 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 43 Resp: 155871
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0

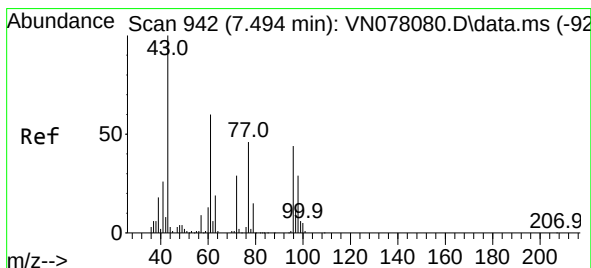
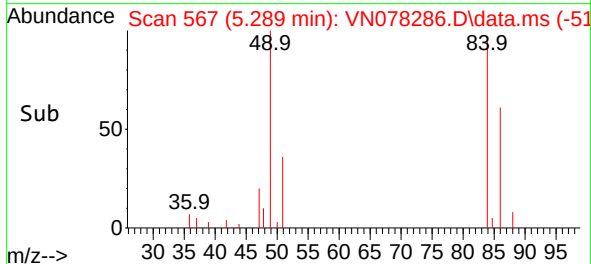
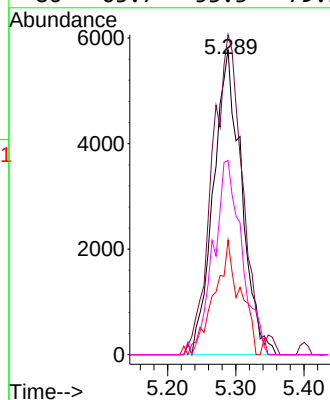
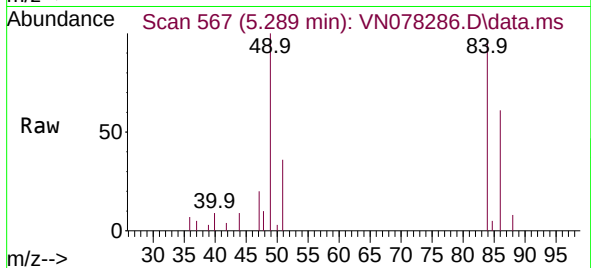




#20
Methylene Chloride
Concen: 2.894 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

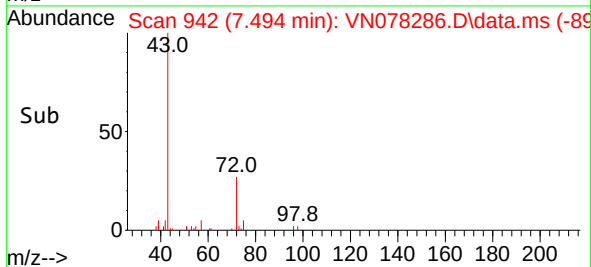
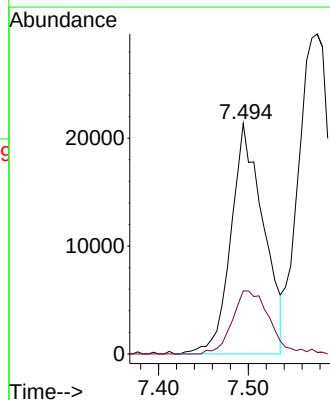
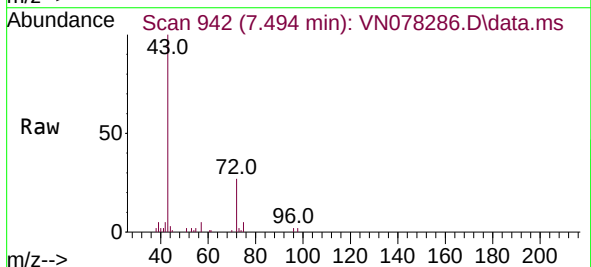
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

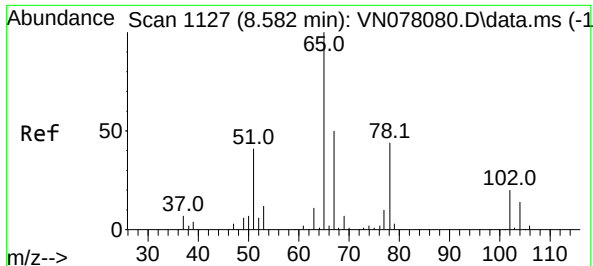
Tgt Ion: 84	Resp: 16597		
Ion	Ratio	Lower	Upper
84	100		
49	104.9	79.7	119.5
51	37.6	25.2	37.8
86	63.7	53.3	79.9



#25
2-Butanone
Concen: 20.126 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 43	Resp: 53706		
Ion Ratio	Lower	Upper	
43 100			
72 27.4	30.2	45.2#	





#33

1,2-Dichloroethane-d4

Concen: 53.442 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

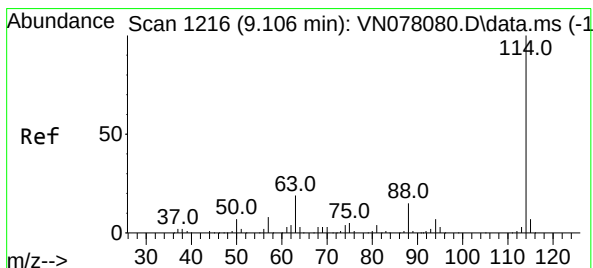
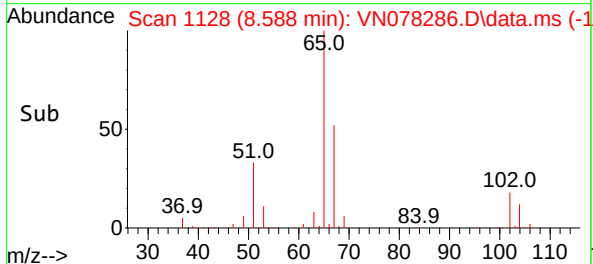
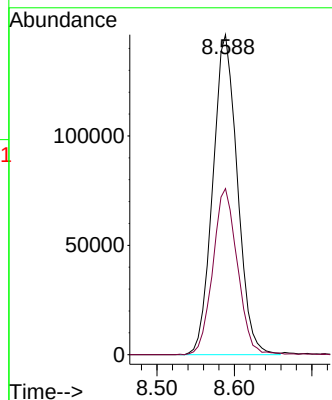
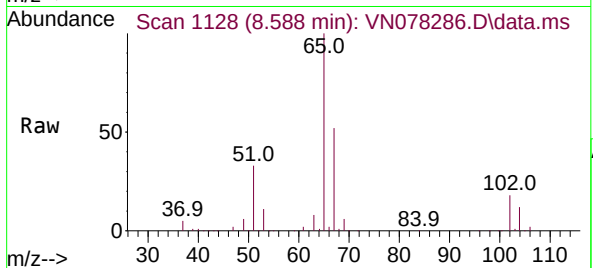
PB153531TB

Tgt Ion: 65 Resp: 322180

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

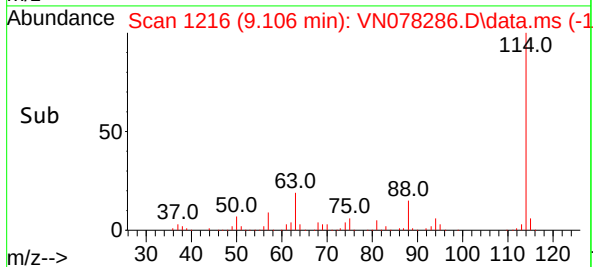
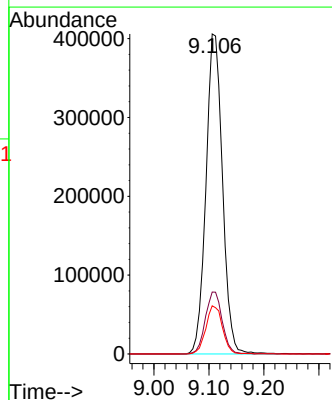
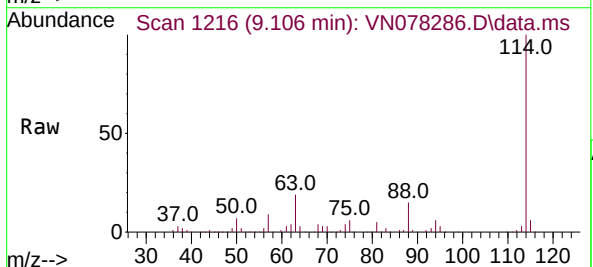
Tgt Ion: 114 Resp: 847325

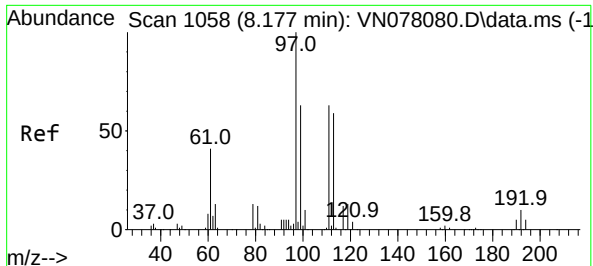
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.0 0.0 30.6

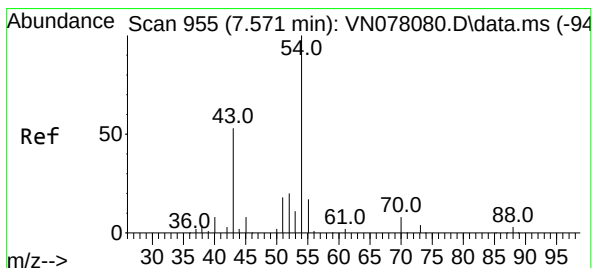
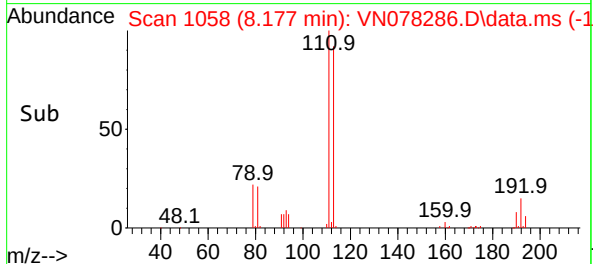
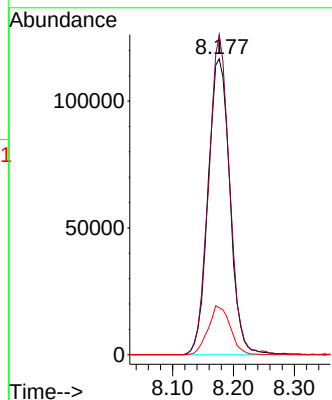
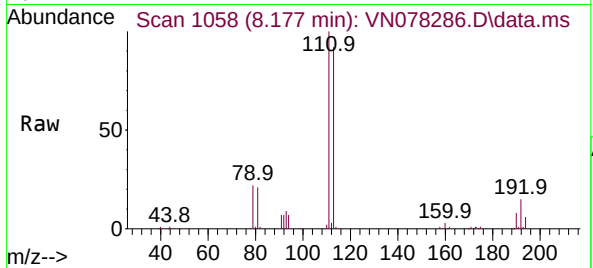




#35
Dibromofluoromethane
Concen: 54.158 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

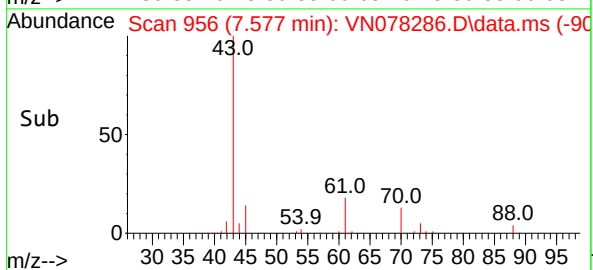
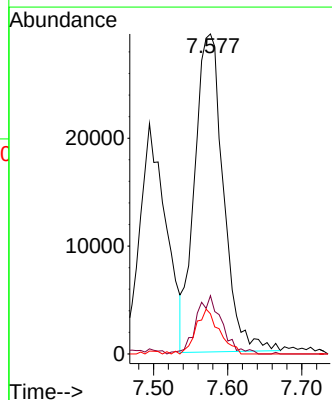
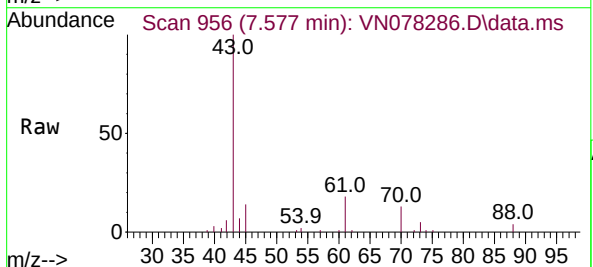
Instrument :
MSVOA_N
ClientSampleId :
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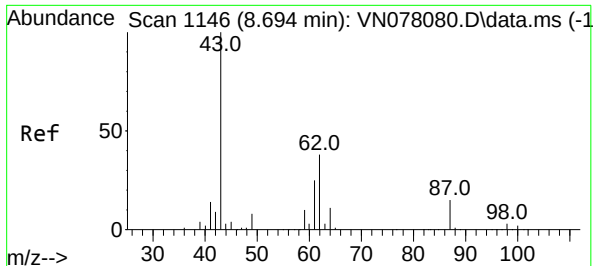
Tgt Ion:113 Resp: 290151
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 16.7 12.7 19.1



#37
Ethyl Acetate
Concen: 13.243 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 43 Resp: 79501
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 11.4 11.3 16.9

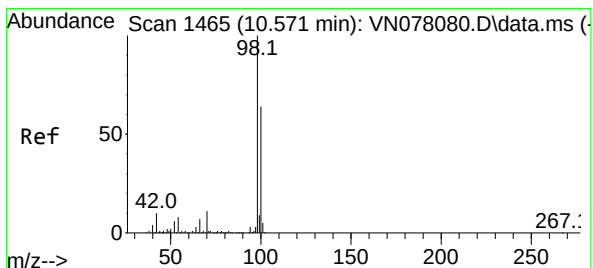
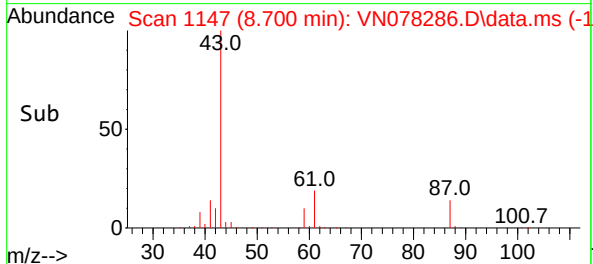
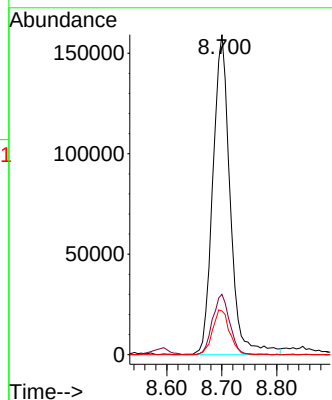
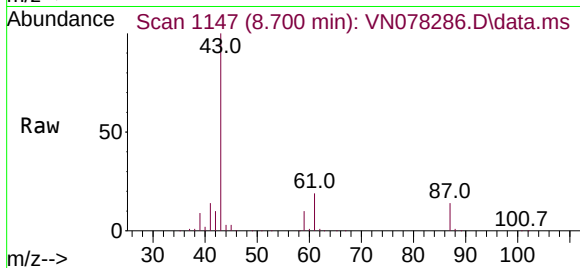




#43
Isopropyl Acetate
Concen: 30.327 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

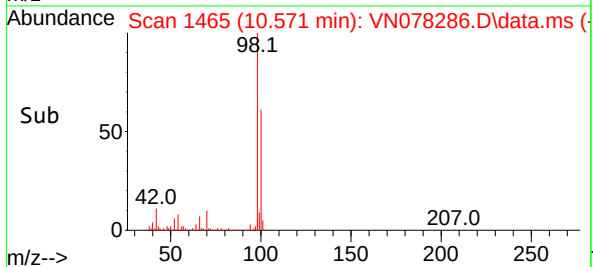
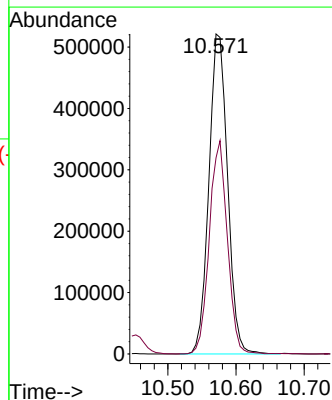
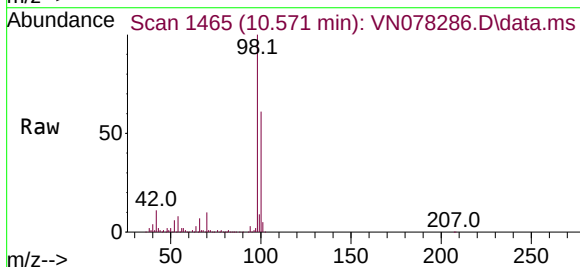
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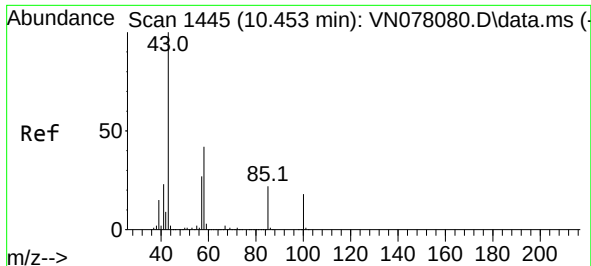
Tgt Ion: 43 Resp: 348191
Ion Ratio Lower Upper
43 100
61 18.6 24.7 37.1#
87 13.7 14.6 21.8#



#50
Toluene-d8
Concen: 48.143 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 98 Resp: 994333
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

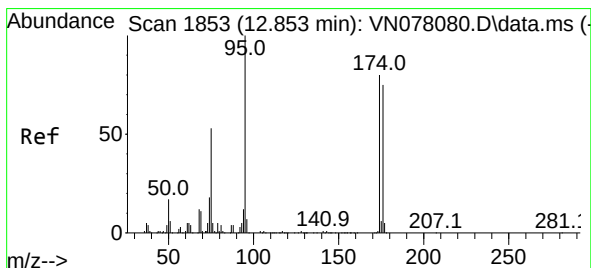
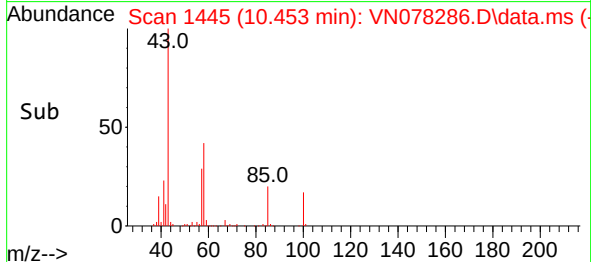
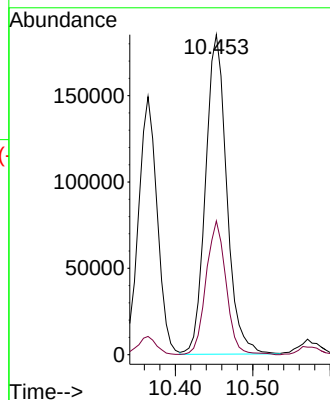
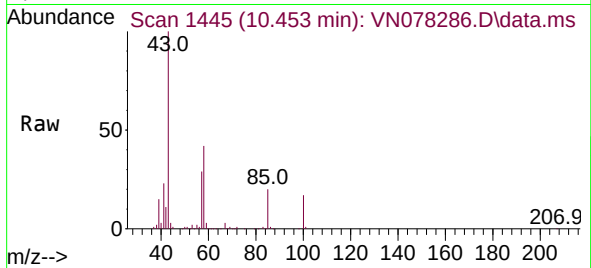




#51
4-Methyl-2-Pentanone
Concen: 58.213 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

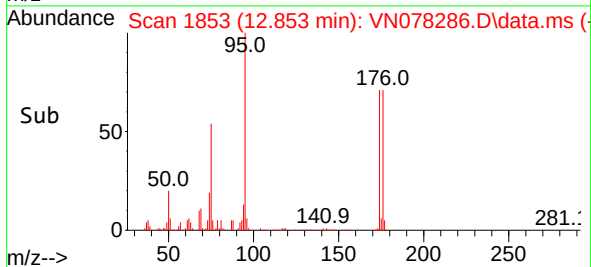
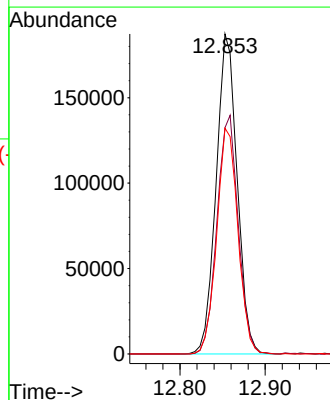
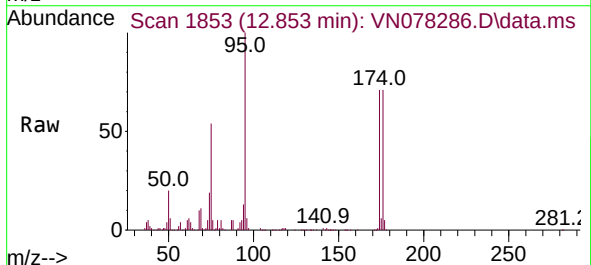
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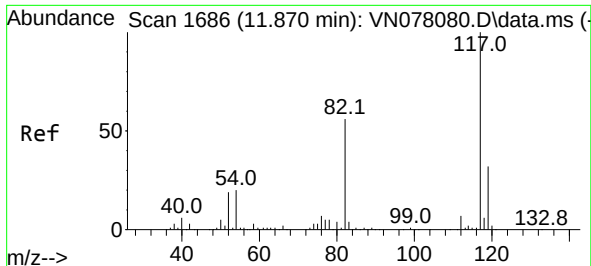
Tgt Ion: 43 Resp: 351946
Ion Ratio Lower Upper
43 100
58 39.6 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 49.934 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 95 Resp: 320613
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.2 0.0 135.8

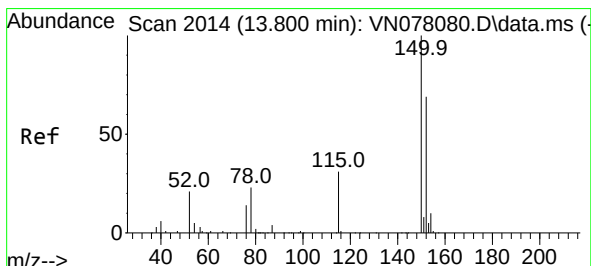
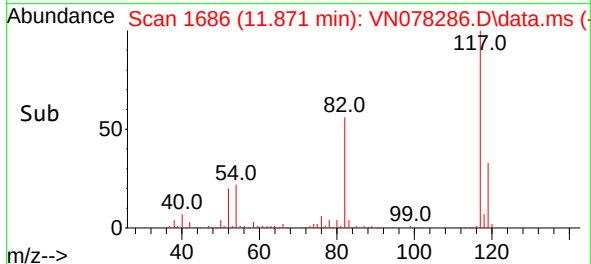
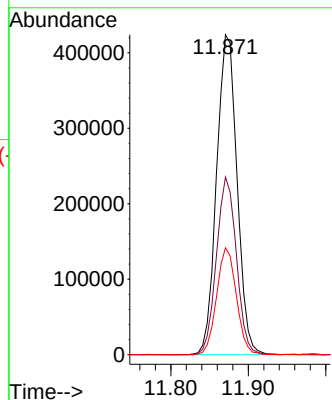
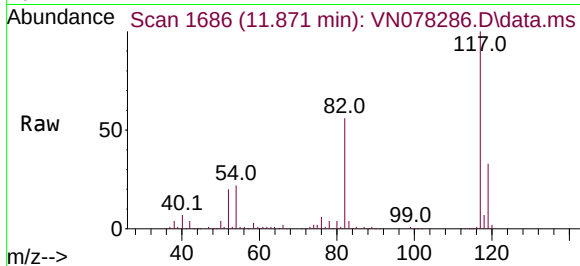




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

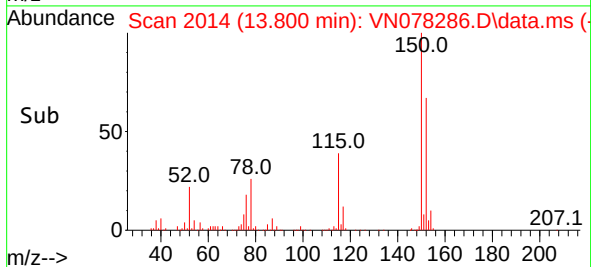
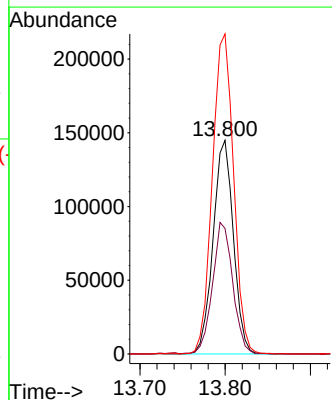
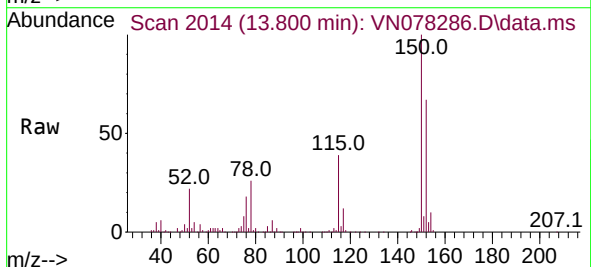
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

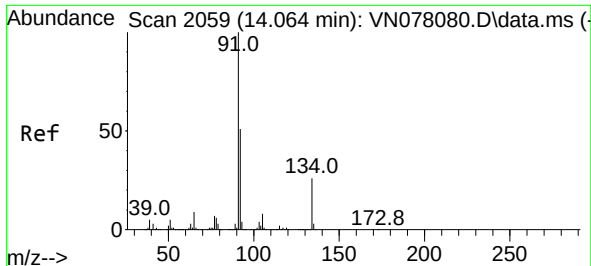
Tgt Ion:117 Resp: 778835
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 33.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion:152 Resp: 239586
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 156.6 0.0 355.8

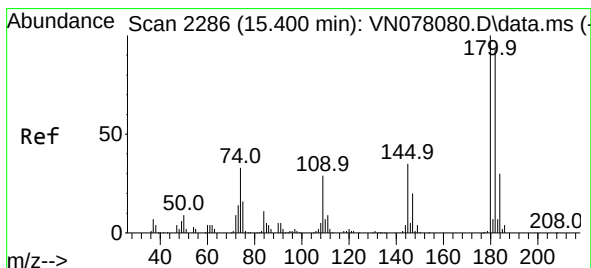
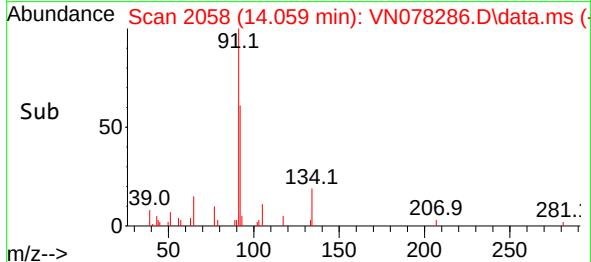
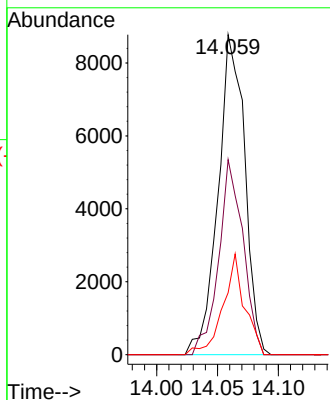
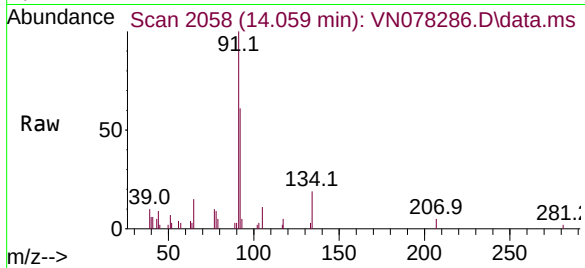




#89
n-Butylbenzene
Concen: 1.003 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

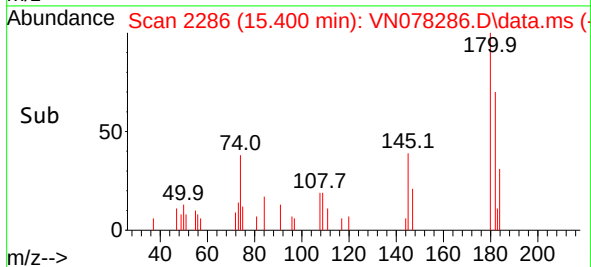
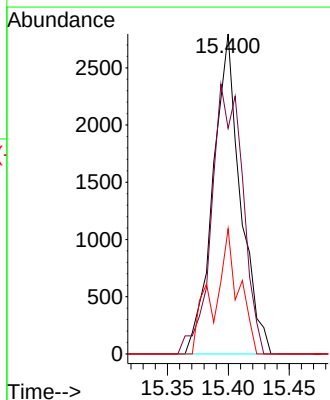
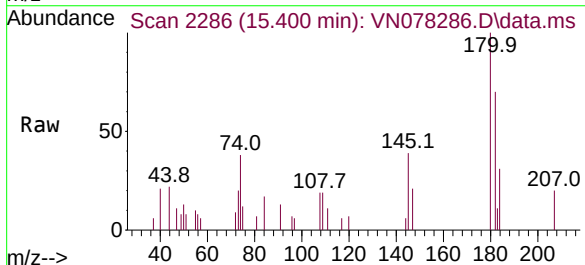
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

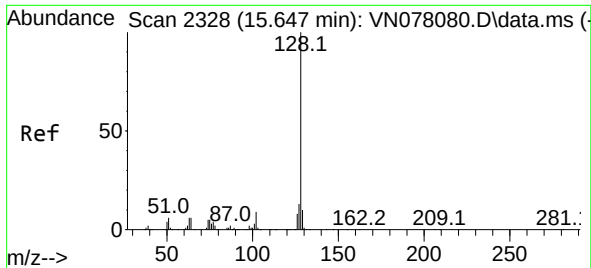
Tgt Ion: 91	Resp:	13401
Ion	Ratio	Lower Upper
91	100	
92	55.6	26.4 79.0
134	25.6	12.6 37.6



#93
1,2,4-Trichlorobenzene
Concen: 1.417 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 180	Resp:	4389
Ion	Ratio	Lower Upper
180	100	
182	95.4	46.1 138.2
145	36.1	16.6 49.8





#95

Naphthalene

Concen: 1.532 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078286.D

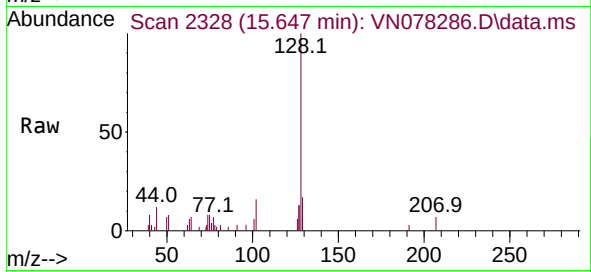
Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

PB153531TB



Tgt Ion:128 Resp: 15960

Ion Ratio Lower Upper

128 100

127 18.4 10.0 15.0#

129 14.0 8.7 13.1#

