

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075235.D
 Acq On : 10 Nov 2022 15:22
 Operator : JC\MD
 Sample : N5538-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14-B-EAST

Quant Time: Nov 11 04:11:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

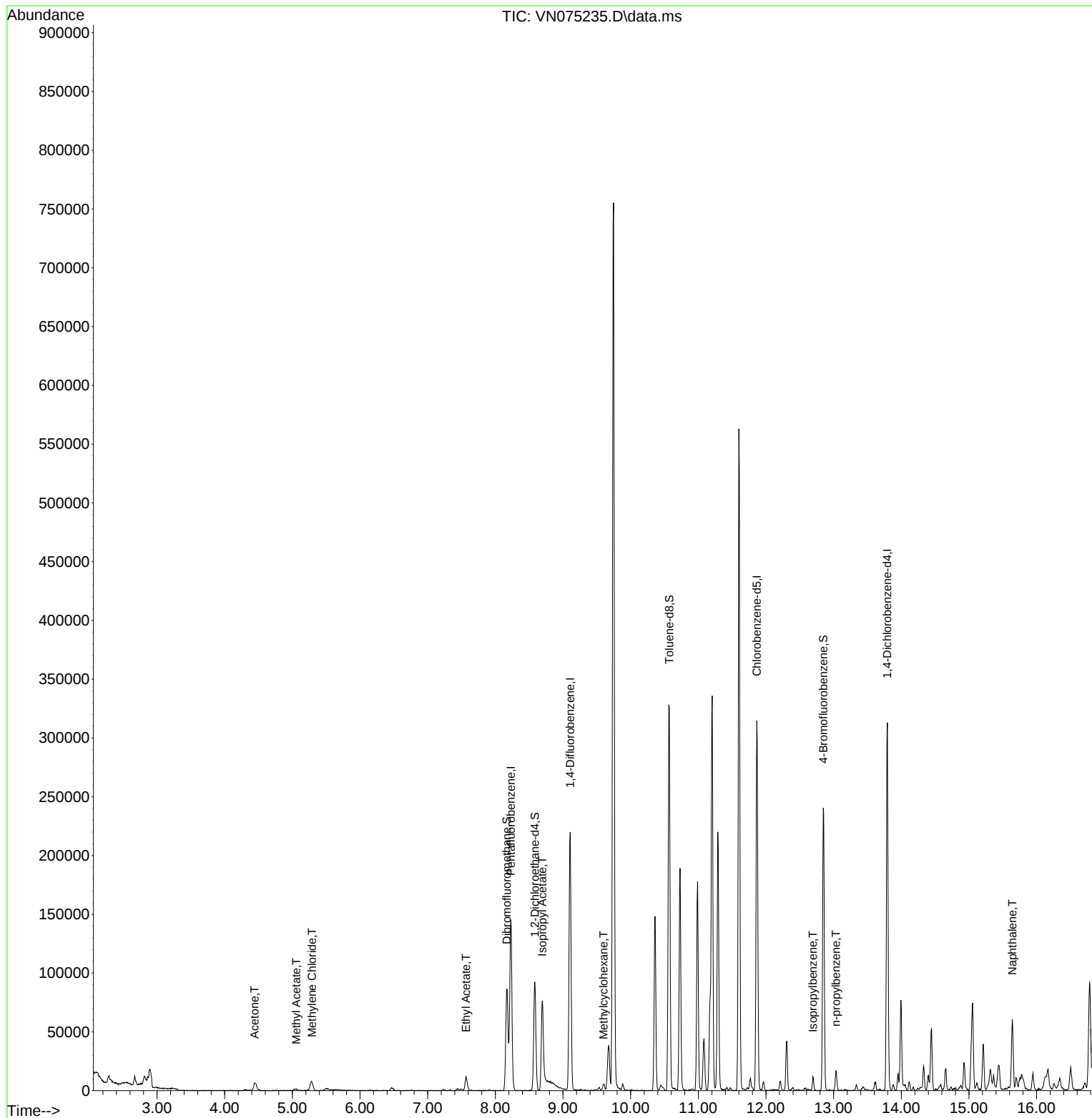
Internal Standards						
1) Pentafluorobenzene	8.230	168	104314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	199986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	75869	53.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	8.171	113	63632	54.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.400%	
50) Toluene-d8	10.571	98	234242	51.427	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.847	95	85008	53.129	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.260%	
Target Compounds						
16) Acetone	4.442	43	13677	22.982	ug/l	Qvalue 95
18) Methyl Acetate	5.059	43	3153	1.622	ug/l #	47
20) Methylene Chloride	5.289	84	6814	5.135	ug/l #	79
37) Ethyl Acetate	7.565	43	16603	8.329	ug/l	98
39) Methylcyclohexane	9.600	83	2822	1.176	ug/l #	86
43) Isopropyl Acetate	8.694	43	91042	29.445	ug/l #	85
73) Isopropylbenzene	12.694	105	7768	1.158	ug/l	100
78) n-propylbenzene	13.035	91	13864	1.841	ug/l	100
95) Naphthalene	15.641	128	56467	11.867	ug/l	99

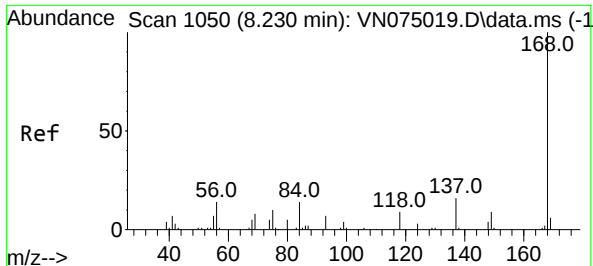
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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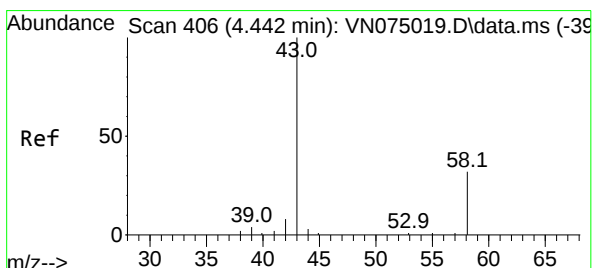
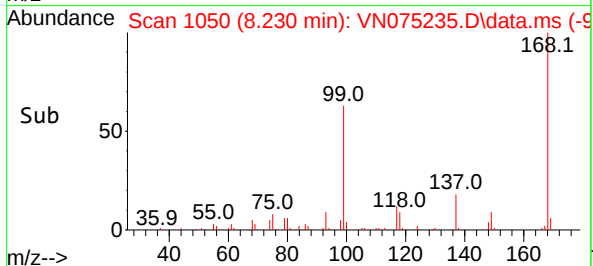
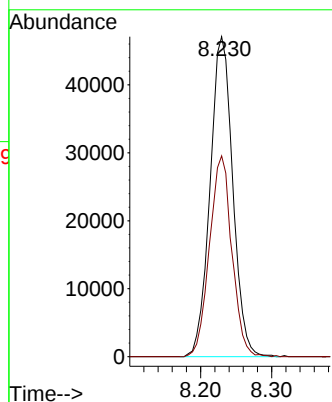
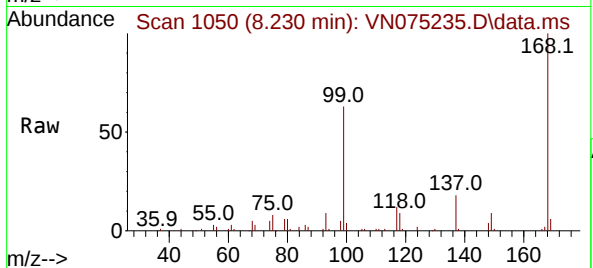




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

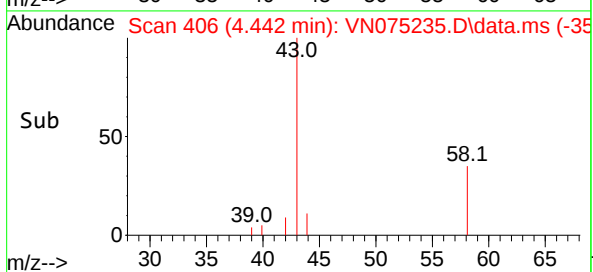
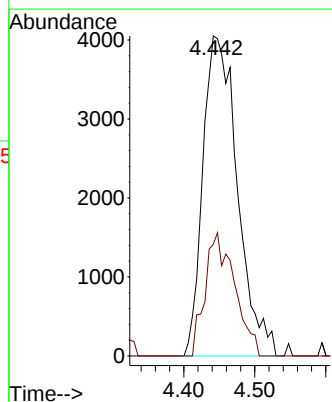
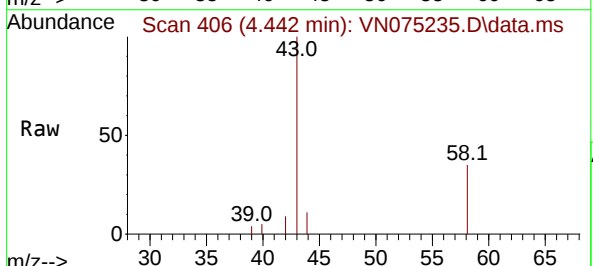
Instrument :
MSVOA_N
ClientSampleId :
TP-14-B-EAST

Tgt Ion:168 Resp: 104314
Ion Ratio Lower Upper
168 100
99 62.8 51.6 77.4



#16
Acetone
Concen: 22.982 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

Tgt Ion: 43 Resp: 13677
Ion Ratio Lower Upper
43 100
58 34.9 25.5 38.3

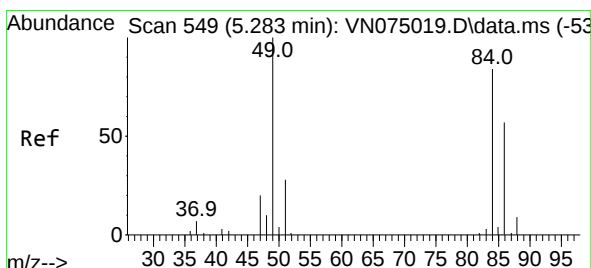
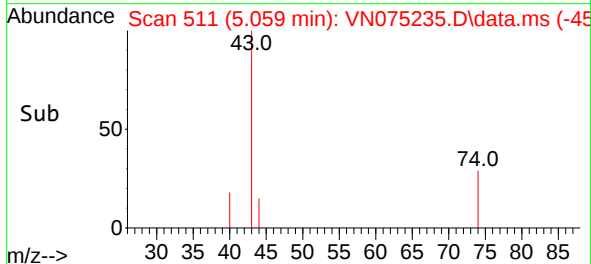
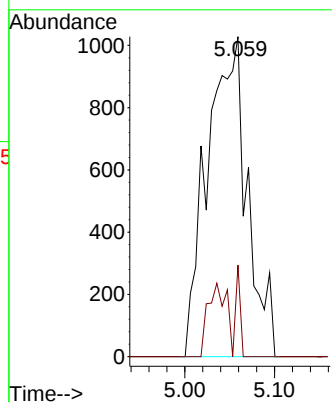
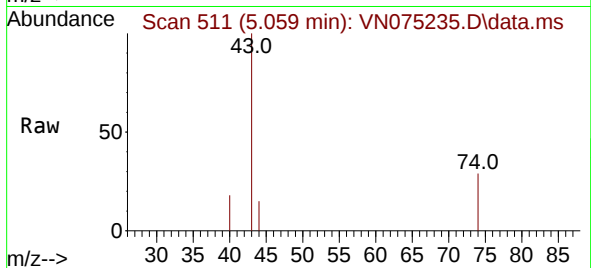




#18
Methyl Acetate
Concen: 1.622 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

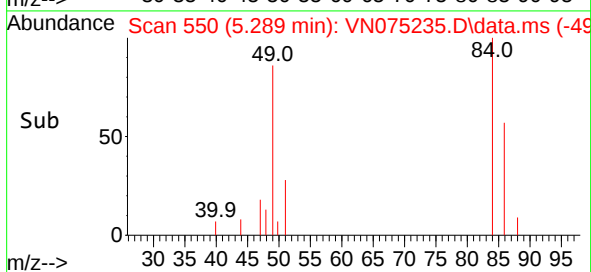
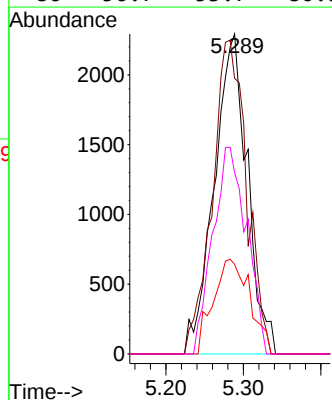
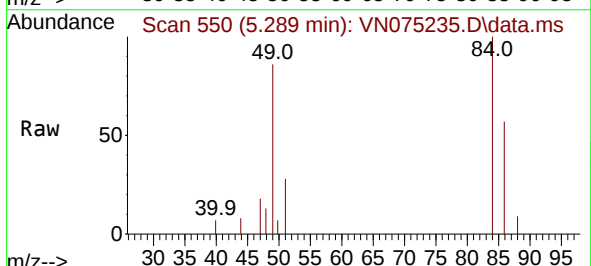
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MSVOA_N
ClientSampleId :
TP-14-B-EAST

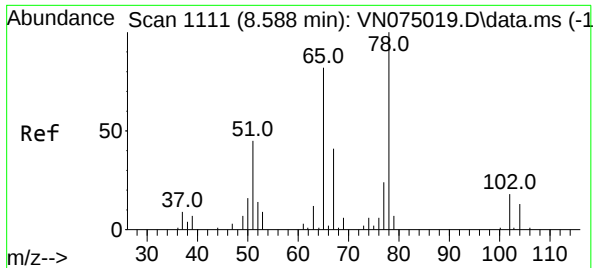
Tgt Ion: 43 Resp: 3153
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 5.135 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

Tgt Ion: 84 Resp: 6814
Ion Ratio Lower Upper
84 100
49 86.1 94.9 142.3#
51 28.0 26.8 40.2
86 56.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.980 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075235.D

Acq: 10 Nov 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

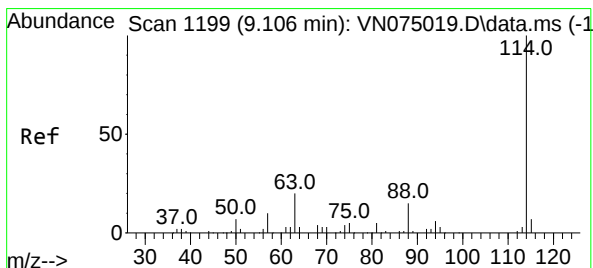
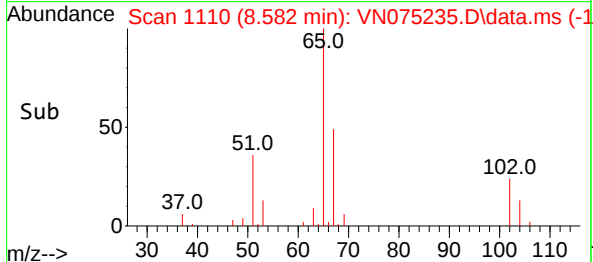
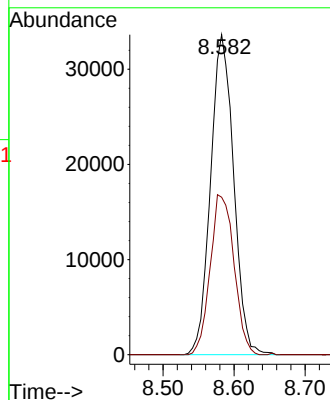
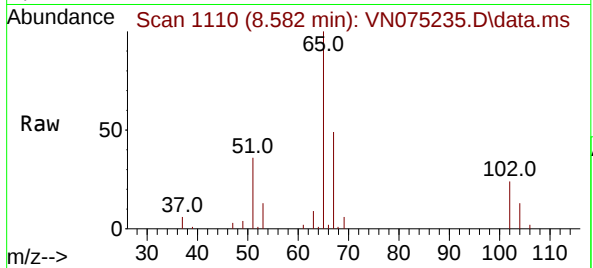
TP-14-B-EAST

Tgt Ion: 65 Resp: 75869

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075235.D

Acq: 10 Nov 2022 15:22

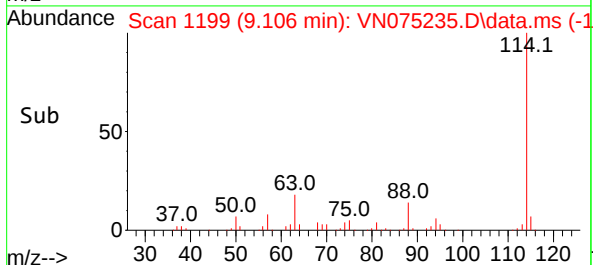
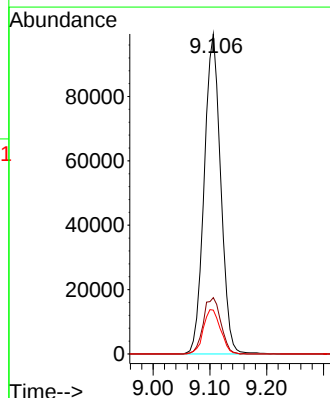
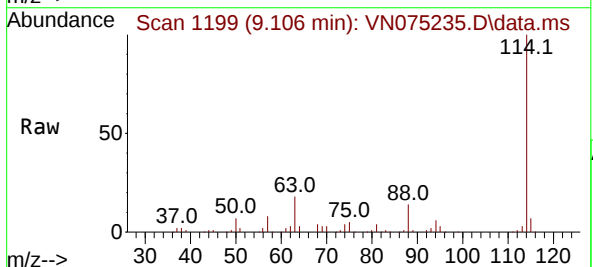
Tgt Ion: 114 Resp: 199986

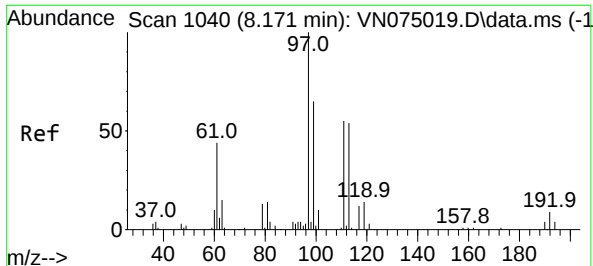
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 13.7 0.0 29.0

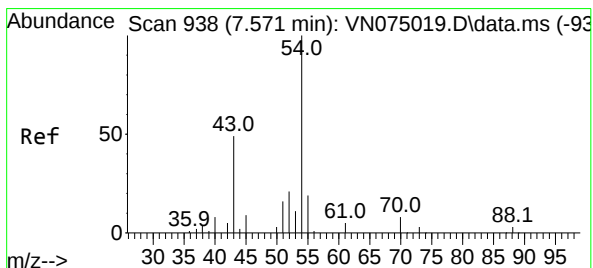
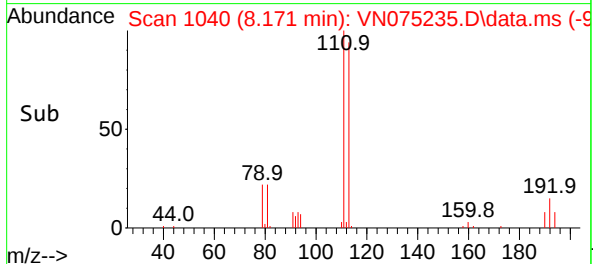
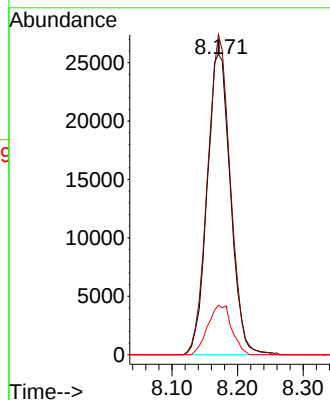
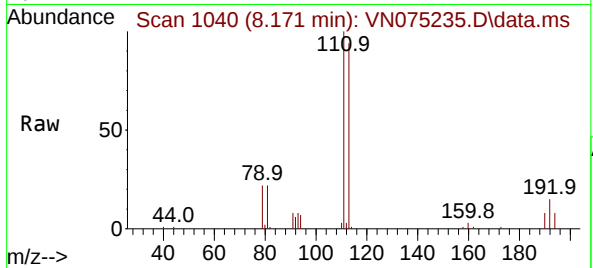




#35
Dibromofluoromethane
Concen: 54.200 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

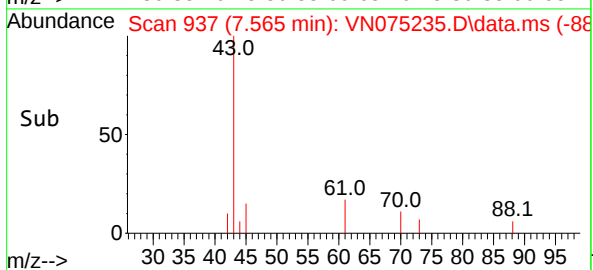
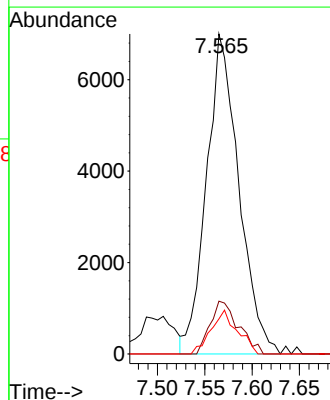
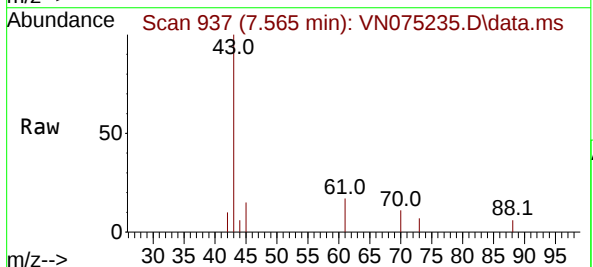
Instrument :
MSVOA_N
ClientSampleId :
TP-14-B-EAST

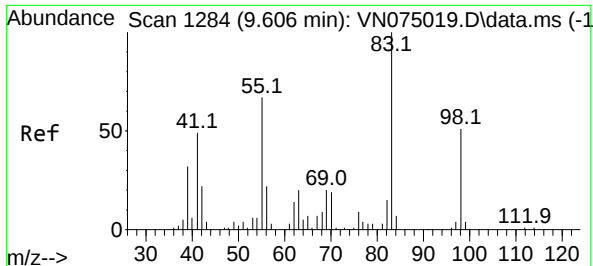
Tgt Ion:113 Resp: 63632
Ion Ratio Lower Upper
113 100
111 104.2 80.5 120.7
192 16.8 13.2 19.8



#37
Ethyl Acetate
Concen: 8.329 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

Tgt Ion: 43 Resp: 16603
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.4
70 11.1 9.4 14.2





#39

Methylcyclohexane

Concen: 1.176 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. -0.006 min

Lab File: VN075235.D

Acq: 10 Nov 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

TP-14-B-EAST

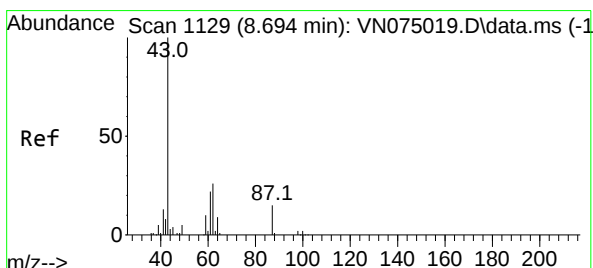
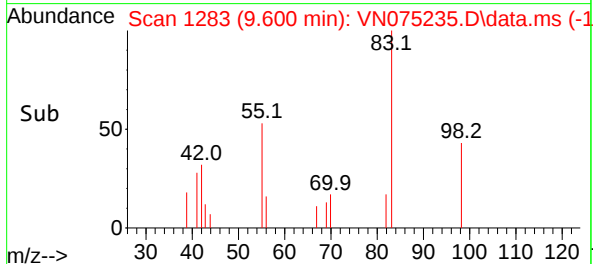
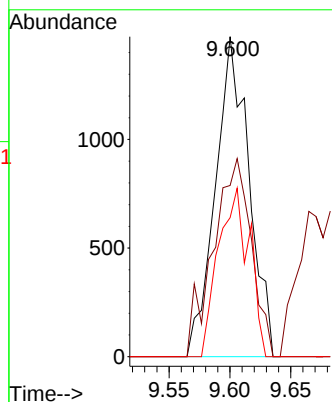
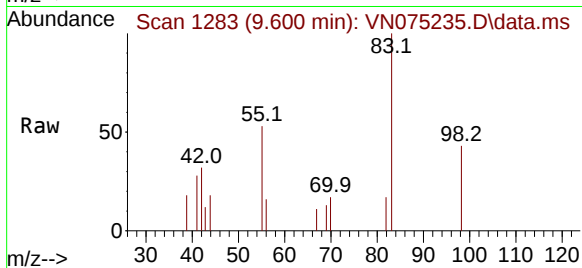
Tgt Ion: 83 Resp: 2822

Ion Ratio Lower Upper

83 100

55 53.5 53.6 80.4#

98 43.4 41.1 61.7



#43

Isopropyl Acetate

Concen: 29.445 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075235.D

Acq: 10 Nov 2022 15:22

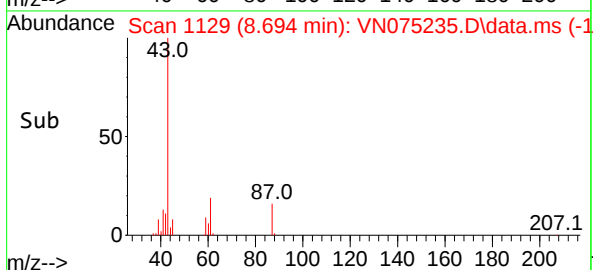
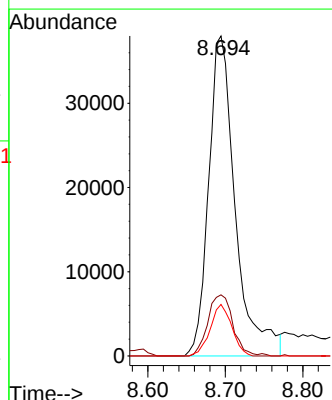
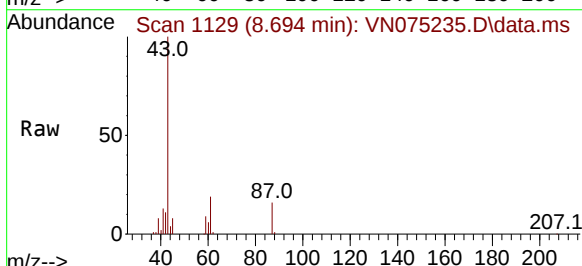
Tgt Ion: 43 Resp: 91042

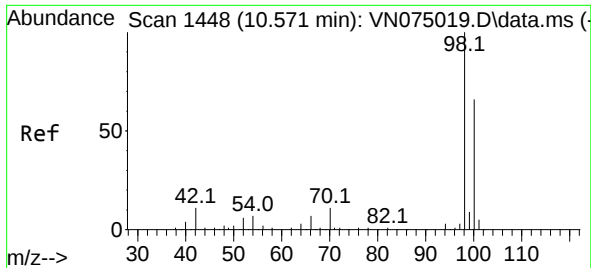
Ion Ratio Lower Upper

43 100

61 17.9 22.4 33.6#

87 13.0 12.5 18.7

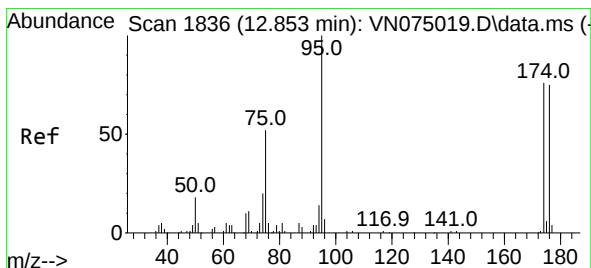
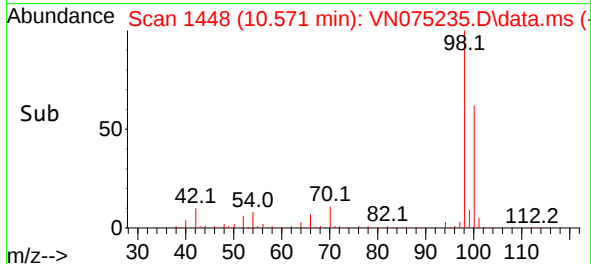
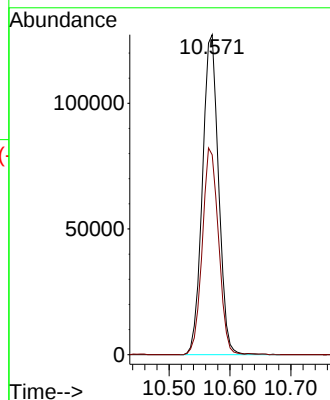
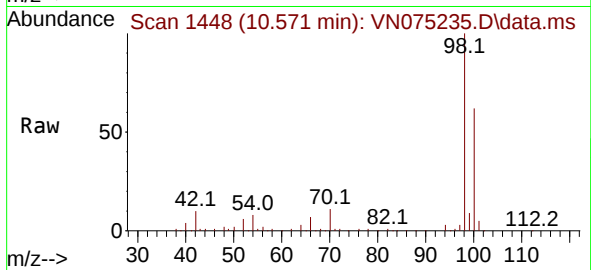




#50
Toluene-d8
Concen: 51.427 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

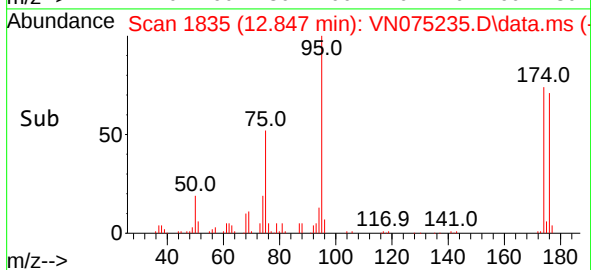
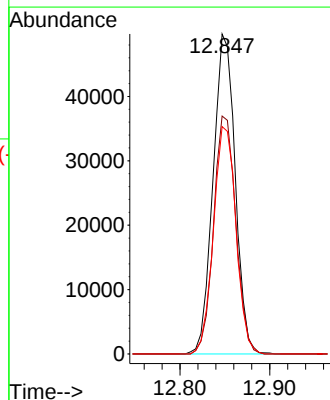
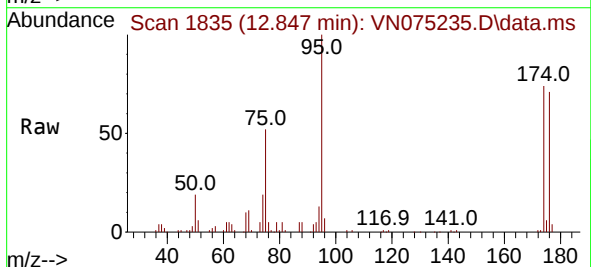
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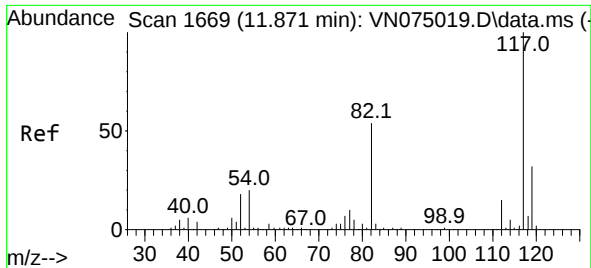
Tgt Ion: 98 Resp: 234242
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.129 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

Tgt Ion: 95 Resp: 85008
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.4
176 72.4 0.0 142.2

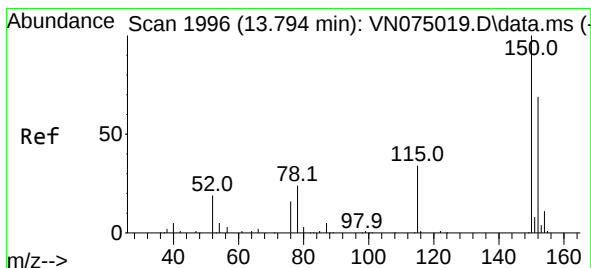
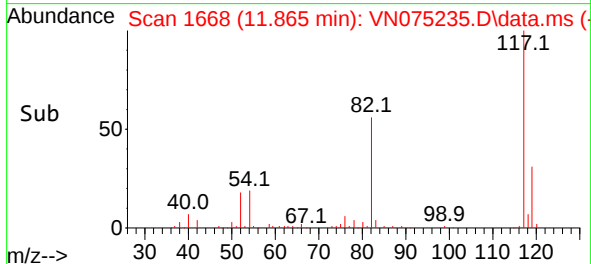
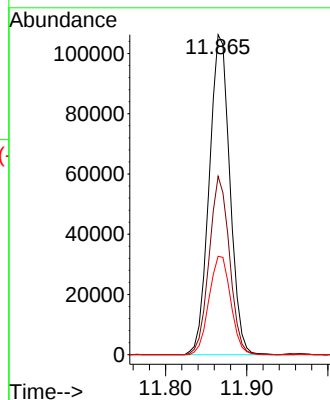
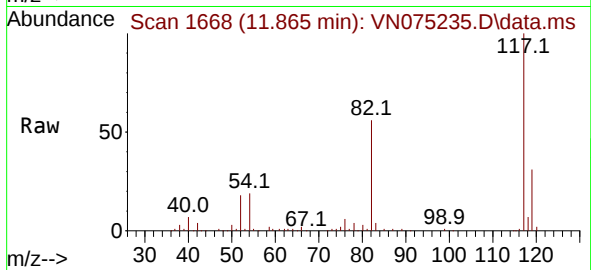




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

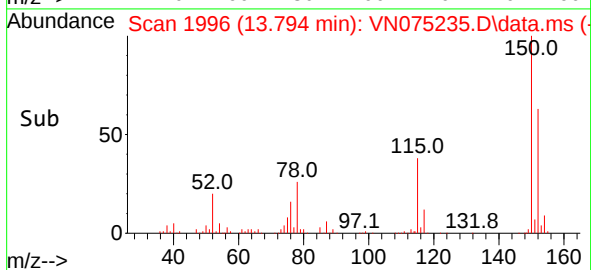
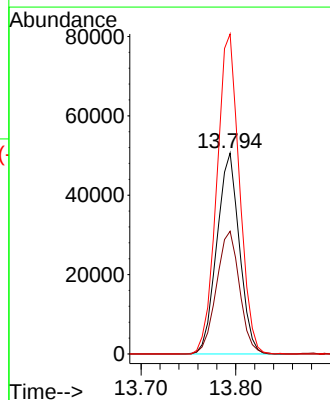
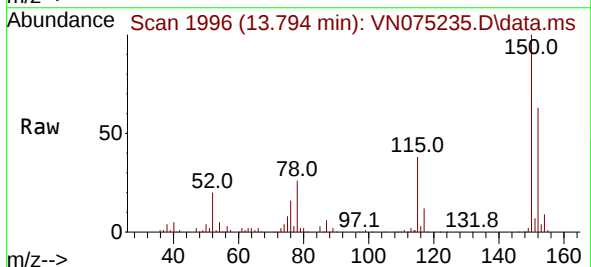
Instrument :
MSVOA_N
ClientSampleId :
TP-14-B-EAST

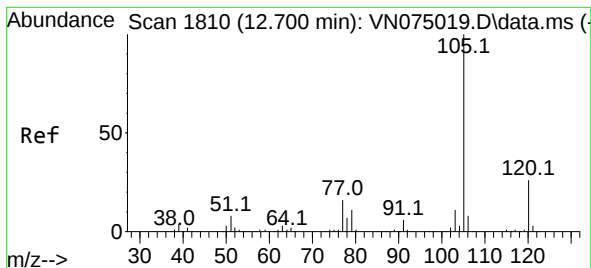
Tgt Ion:117 Resp: 187705
Ion Ratio Lower Upper
117 100
82 55.8 43.1 64.7
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075235.D
Acq: 10 Nov 2022 15:22

Tgt Ion:152 Resp: 83571
Ion Ratio Lower Upper
152 100
115 62.7 30.2 90.6
150 159.9 0.0 348.4





#73

Isopropylbenzene

Concen: 1.158 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075235.D

Acq: 10 Nov 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

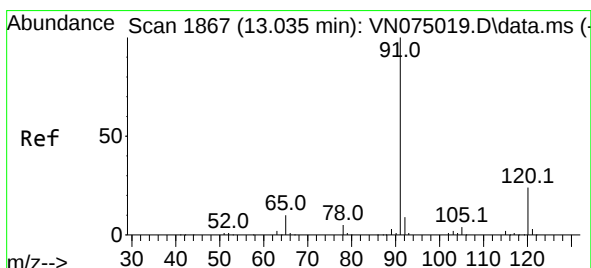
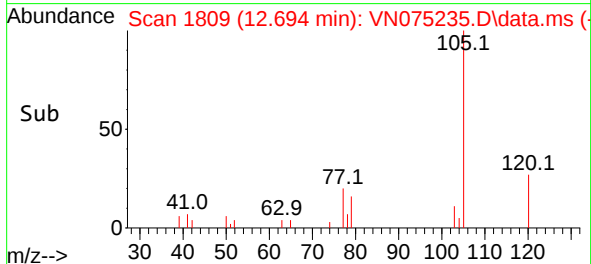
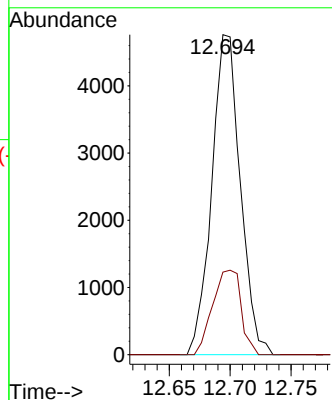
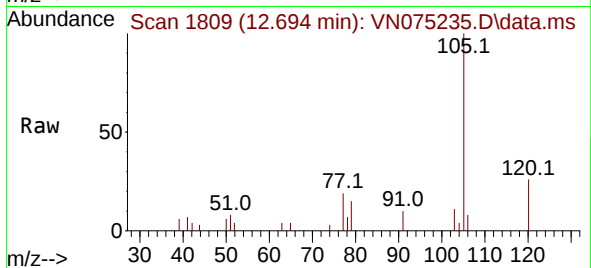
TP-14-B-EAST

Tgt Ion:105 Resp: 7768

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#78

n-propylbenzene

Concen: 1.841 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN075235.D

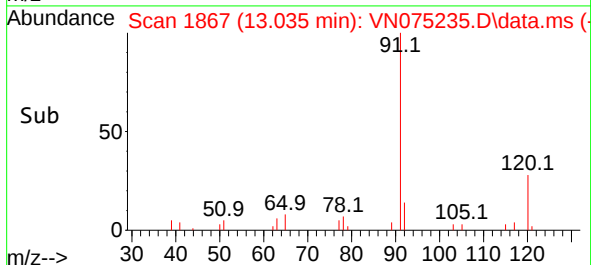
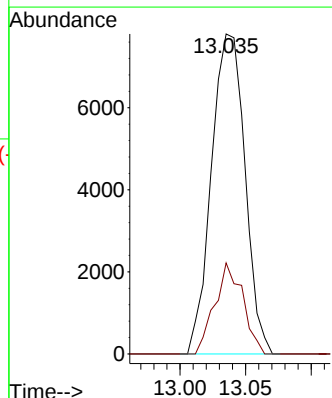
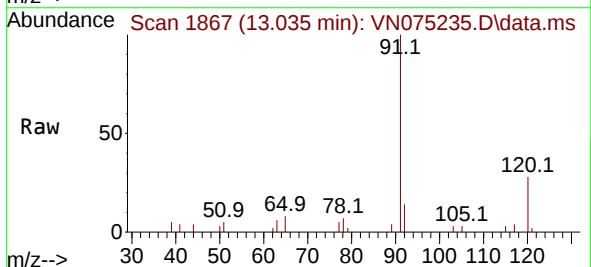
Acq: 10 Nov 2022 15:22

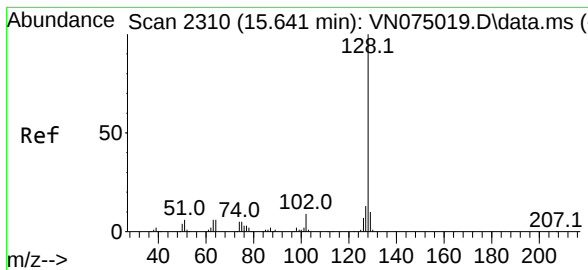
Tgt Ion: 91 Resp: 13864

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5





#95
 Naphthalene
 Concen: 11.867 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075235.D
 Acq: 10 Nov 2022 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14-B-EAST

Tgt Ion:	128	Resp:	56467
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.2	8.6	12.8

