

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073961.D
 Acq On : 16 Aug 2022 20:18
 Operator : JC\MD
 Sample : N4203-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 61023

Quant Time: Aug 17 01:22:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

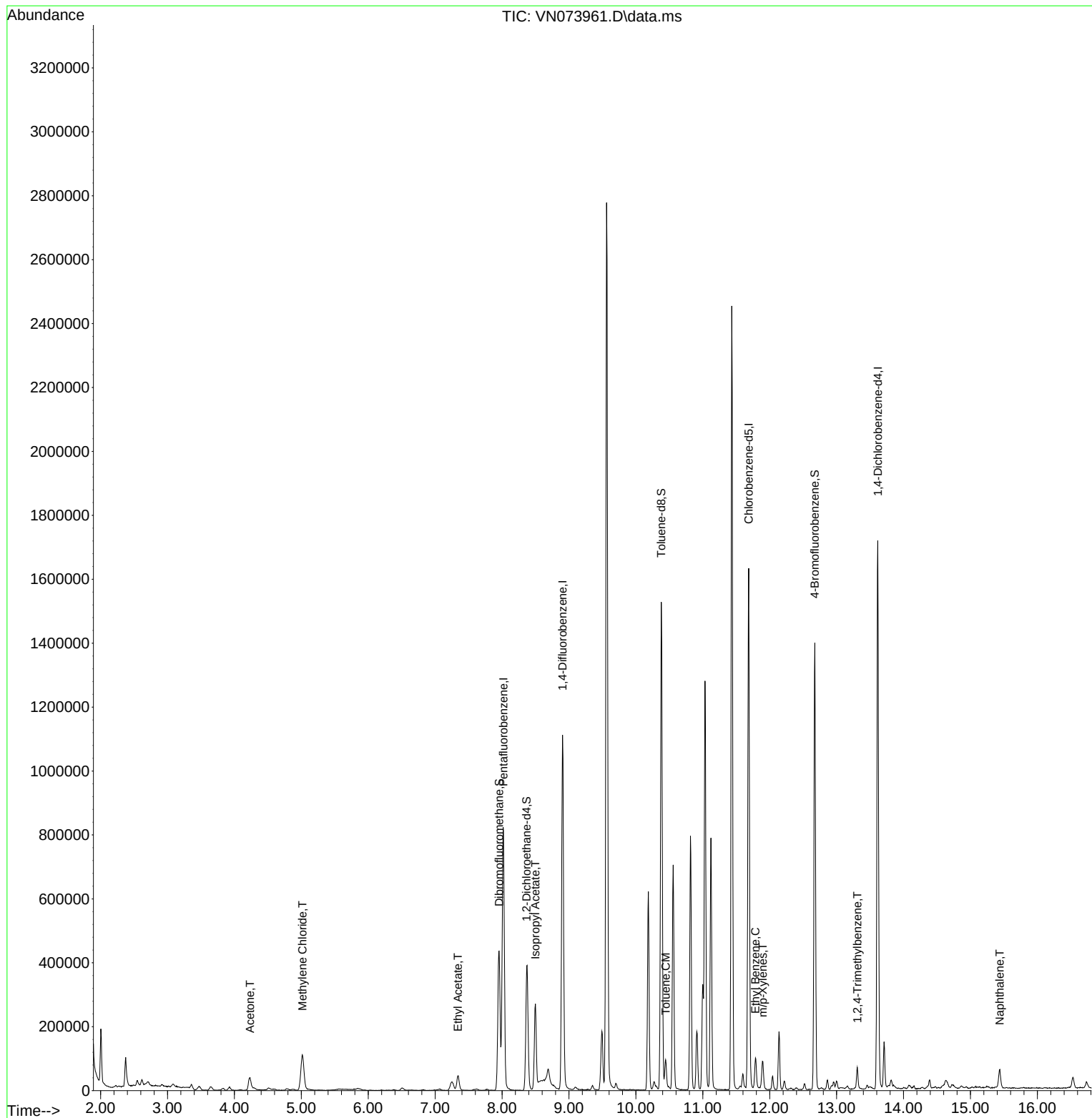
Internal Standards						
1) Pentafluorobenzene	8.022	168	717194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1044513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1003318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	517528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	334946	47.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.900%
35) Dibromofluoromethane	7.957	113	324107	52.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.940%
50) Toluene-d8	10.380	98	1108081	46.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.674	95	466351	58.736	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.480%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	74989	22.754	ug/l	100
20) Methylene Chloride	5.016	84	99823	14.354	ug/l	91
37) Ethyl Acetate	7.339	43	69659	6.702	ug/l	96
43) Isopropyl Acetate	8.498	43	310653	20.979	ug/l #	92
52) Toluene	10.445	92	39566	2.131	ug/l	98
67) Ethyl Benzene	11.786	91	50192	1.415	ug/l	94
68) m/p-Xylenes	11.898	106	30571	2.122	ug/l	92
84) 1,2,4-Trimethylbenzene	13.310	105	37738	1.233	ug/l	99
95) Naphthalene	15.439	128	63627	1.755	ug/l	99

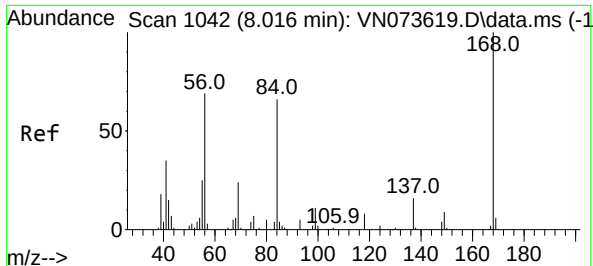
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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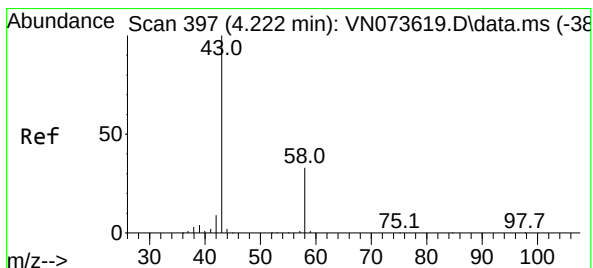
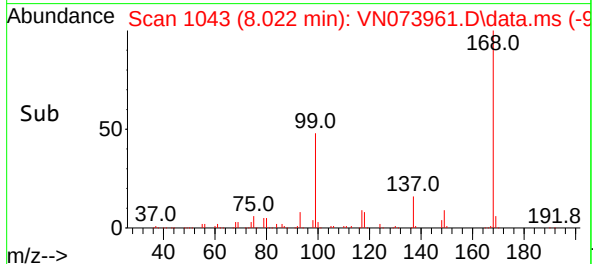
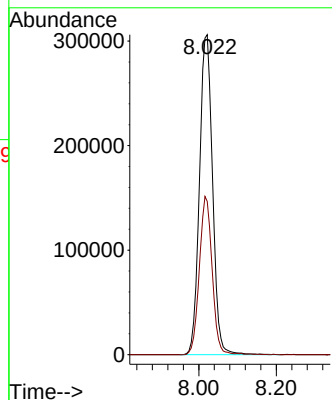
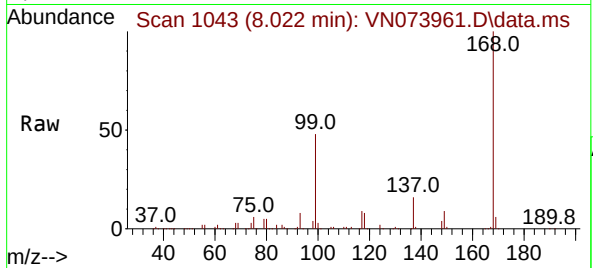




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

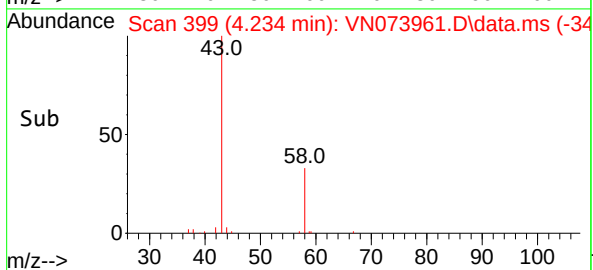
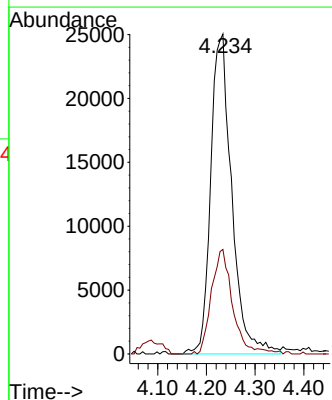
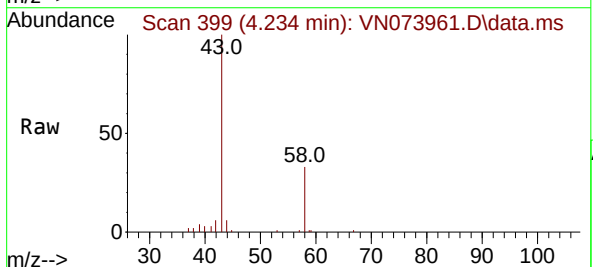
Instrument :
MSVOA_N
ClientSampleId :
61023

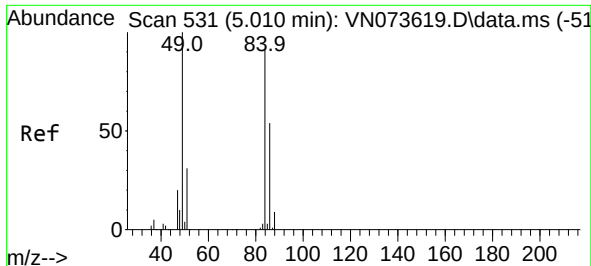
Tgt Ion:168 Resp: 717194
Ion Ratio Lower Upper
168 100
99 47.9 42.3 63.5



#16
Acetone
Concen: 22.754 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

Tgt Ion: 43 Resp: 74989
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0

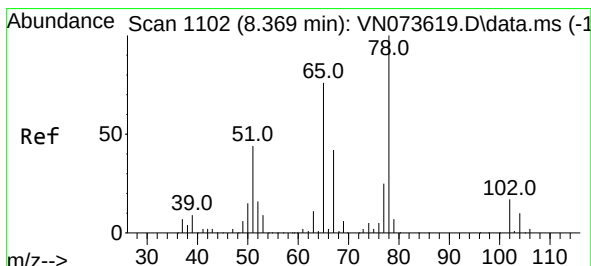
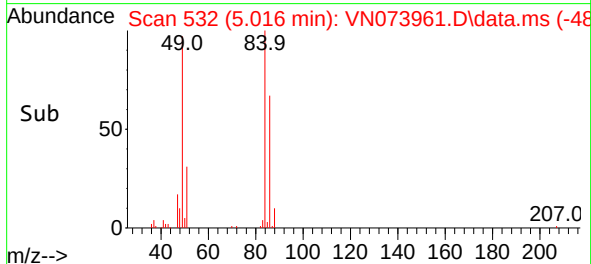
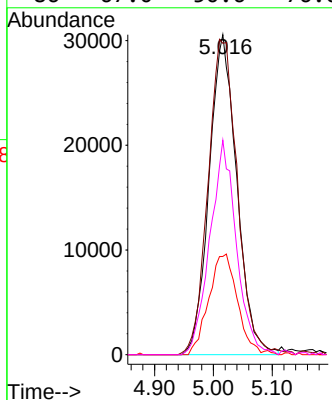
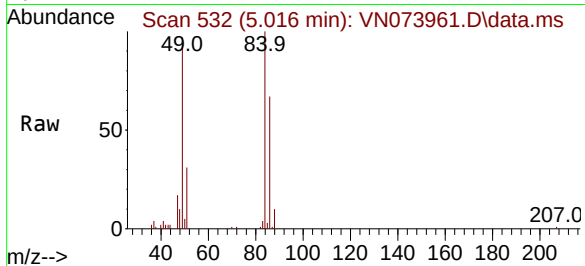




#20
Methylene Chloride
Concen: 14.354 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

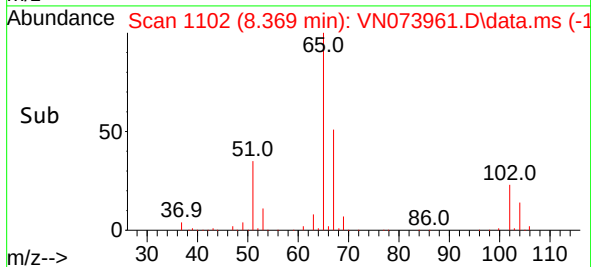
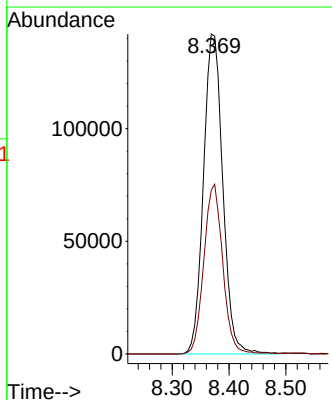
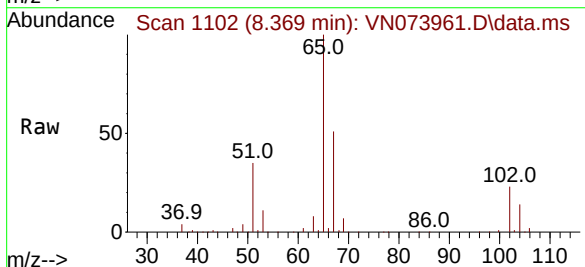
Instrument :
MSVOA_N
ClientSampleId :
61023

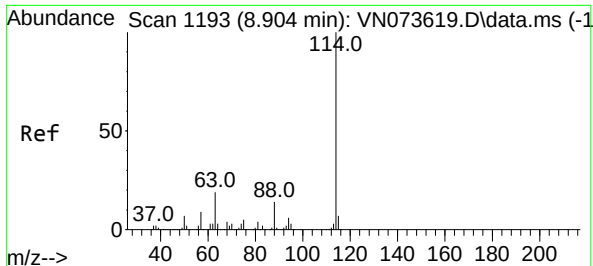
Tgt Ion:	84	Resp:	99823
Ion	Ratio	Lower	Upper
84	100		
49	97.3	88.3	132.5
51	30.7	28.2	42.2
86	67.0	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 47.949 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

Tgt Ion:	65	Resp:	334946
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073961.D

Acq: 16 Aug 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

61023

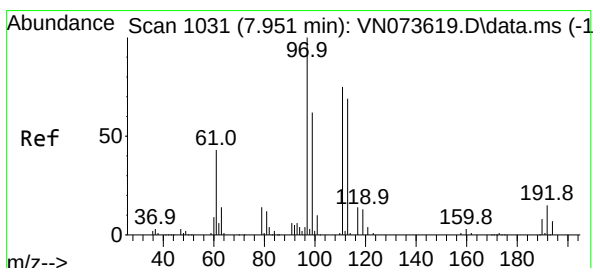
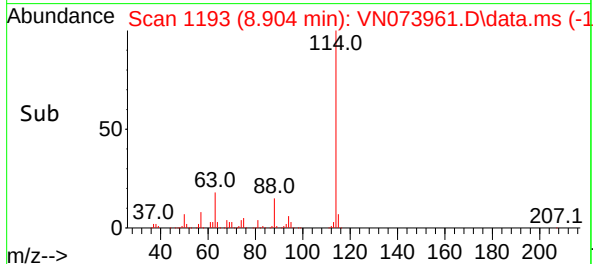
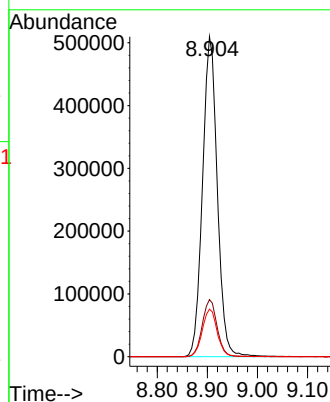
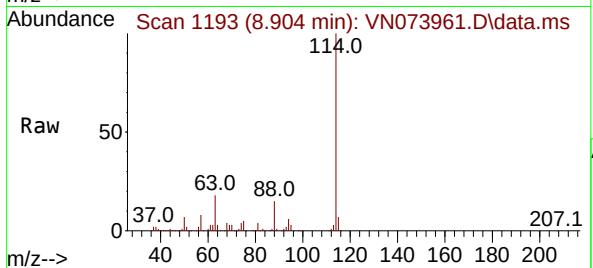
Tgt Ion:114 Resp: 1044513

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.469 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073961.D

Acq: 16 Aug 2022 20:18

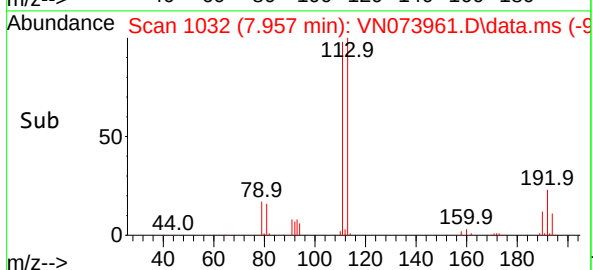
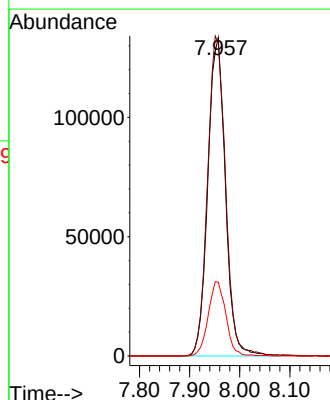
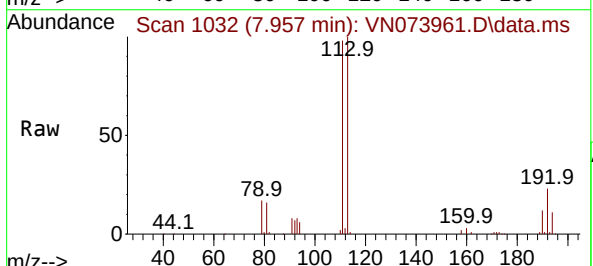
Tgt Ion:113 Resp: 324107

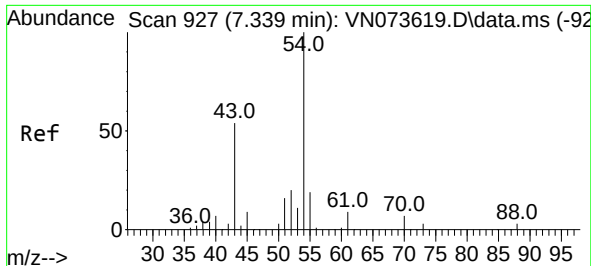
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 23.5 17.0 25.6

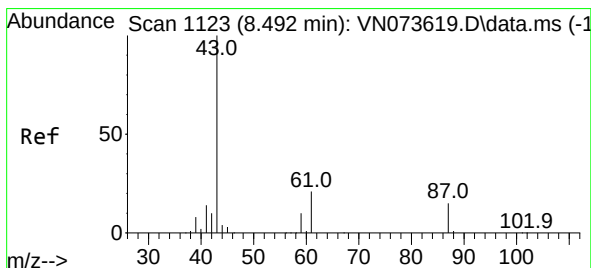
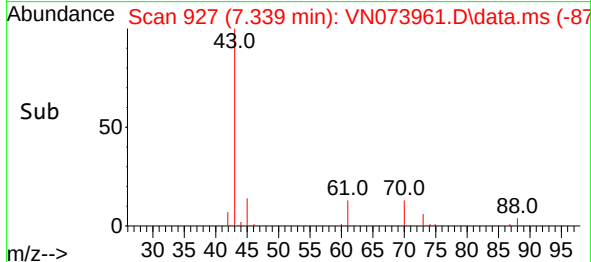
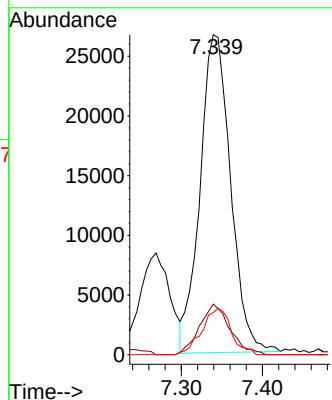
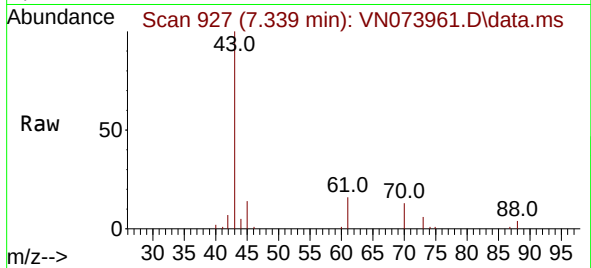




#37
Ethyl Acetate
Concen: 6.702 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

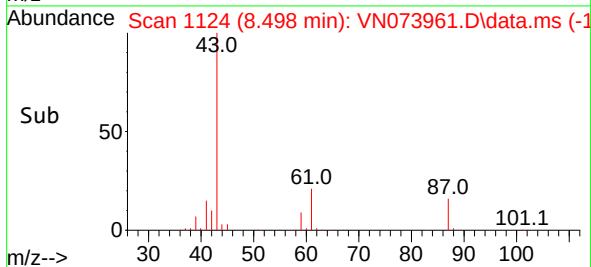
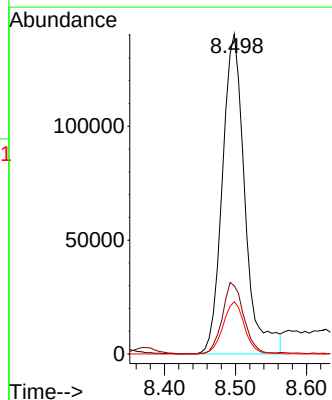
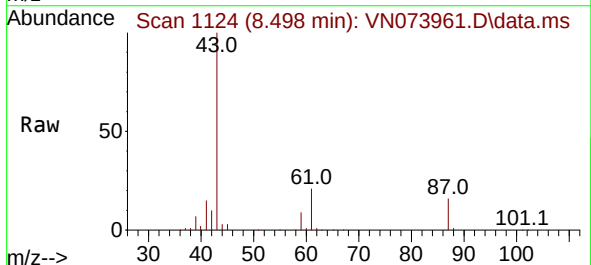
Instrument :
MSVOA_N
ClientSampleId :
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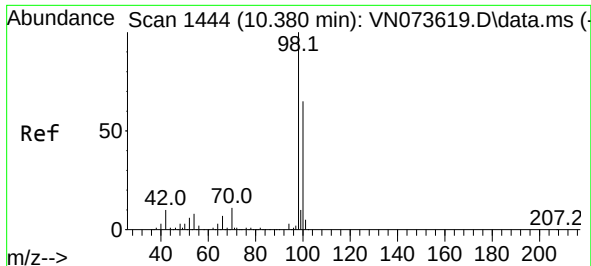
Tgt Ion:	43	Resp:	69659
Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.8	17.6
70	13.9	9.3	13.9



#43
Isopropyl Acetate
Concen: 20.979 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

Tgt Ion:	43	Resp:	310653
Ion	Ratio	Lower	Upper
43	100		
61	21.2	21.9	32.9#
87	15.5	12.0	18.0

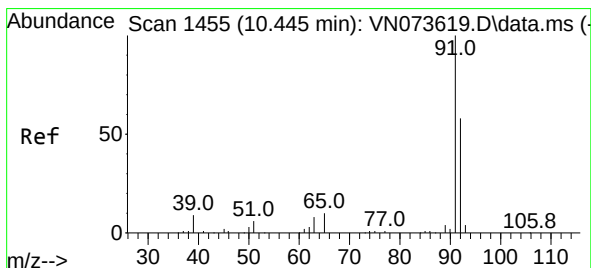
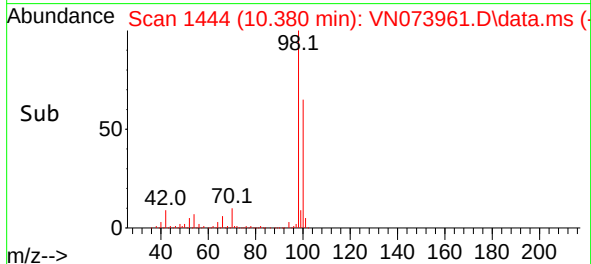
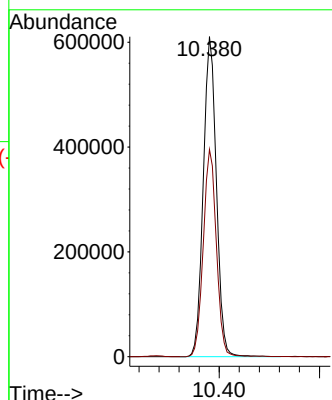
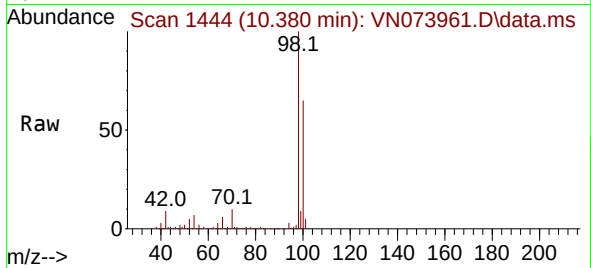




#50
Toluene-d8
Concen: 46.318 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

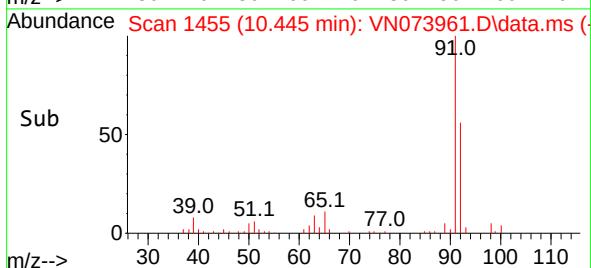
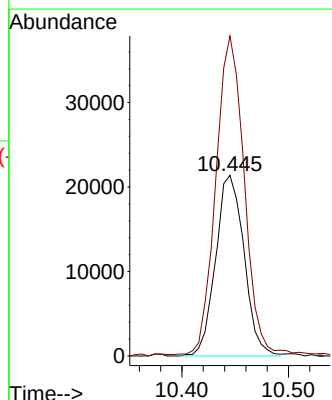
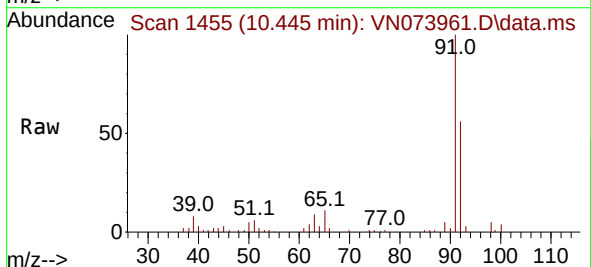
Instrument :
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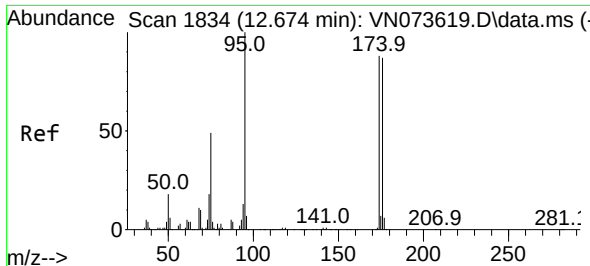
Tgt Ion: 98 Resp: 1108081
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#52
Toluene
Concen: 2.131 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

Tgt Ion: 92 Resp: 39566
Ion Ratio Lower Upper
92 100
91 176.1 138.6 207.8

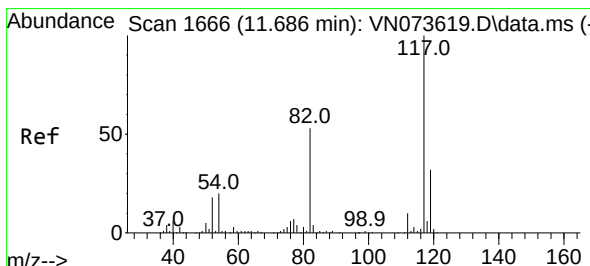
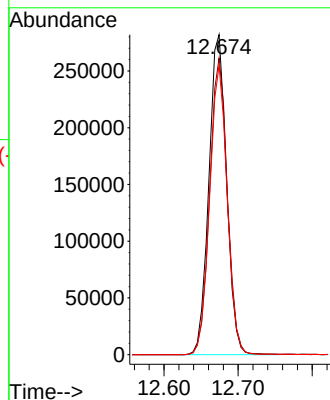
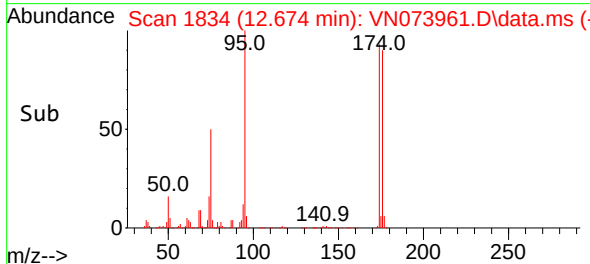
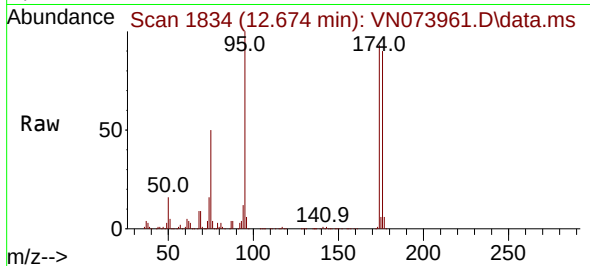




#62
4-Bromofluorobenzene
Concen: 58.736 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

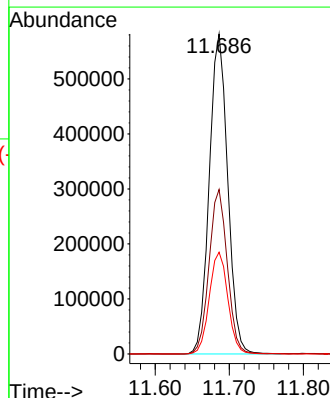
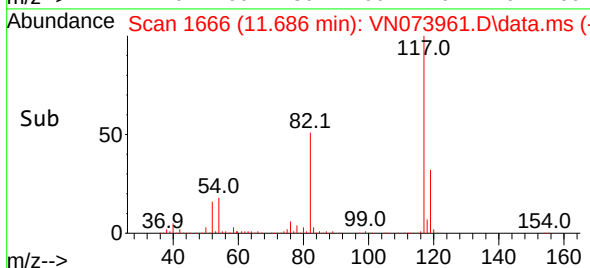
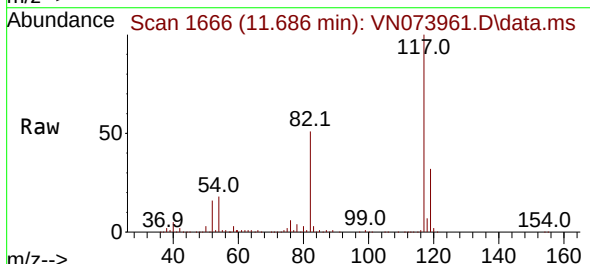
Instrument :
MSVOA_N
ClientSampleId :
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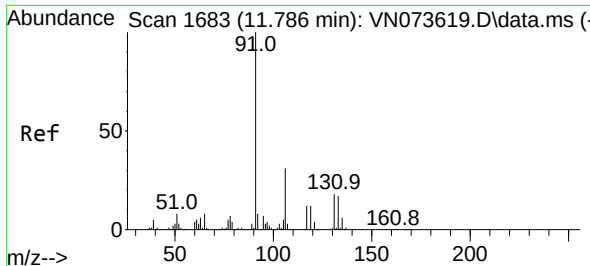
Tgt Ion: 95 Resp: 466351
Ion Ratio Lower Upper
95 100
174 93.0 0.0 167.6
176 89.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

Tgt Ion: 117 Resp: 1003318
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.8 25.4 38.0





#67

Ethyl Benzene

Concen: 1.415 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VN073961.D

Acq: 16 Aug 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

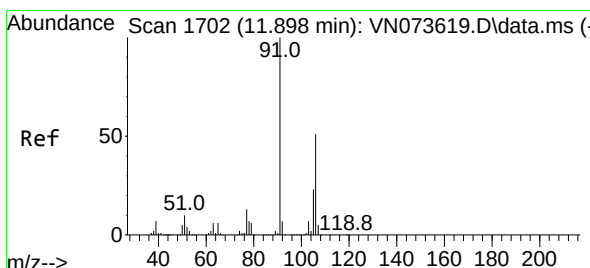
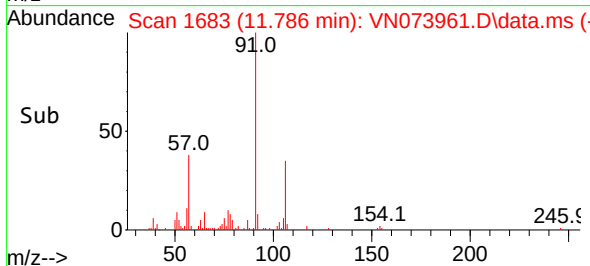
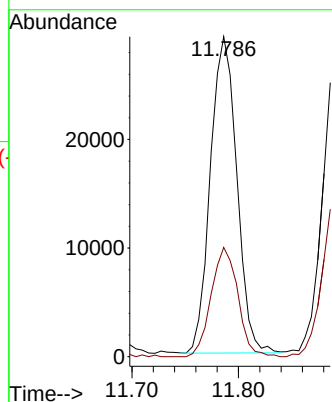
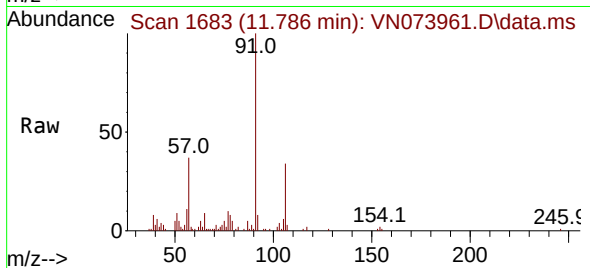
61023

Tgt Ion: 91 Resp: 50192

Ion Ratio Lower Upper

91 100

106 34.6 24.9 37.3



#68

m/p-Xylenes

Concen: 2.122 ug/l

RT: 11.898 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN073961.D

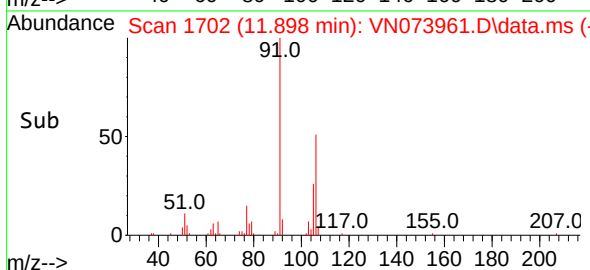
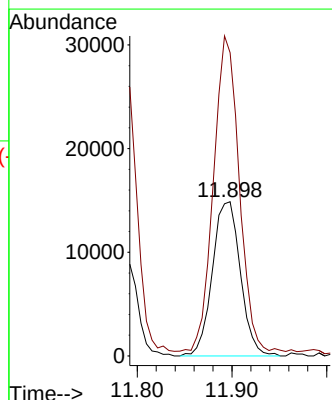
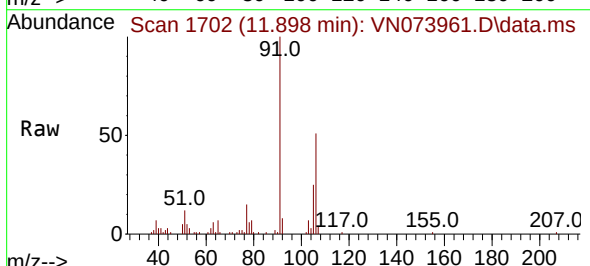
Acq: 16 Aug 2022 20:18

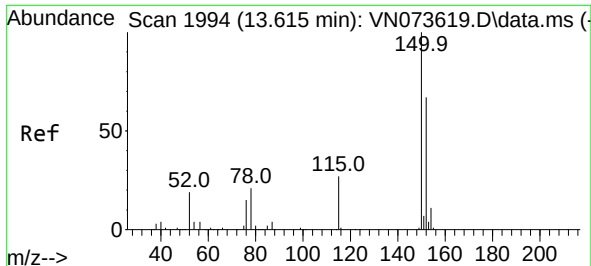
Tgt Ion: 106 Resp: 30571

Ion Ratio Lower Upper

106 100

91 187.3 158.9 238.3

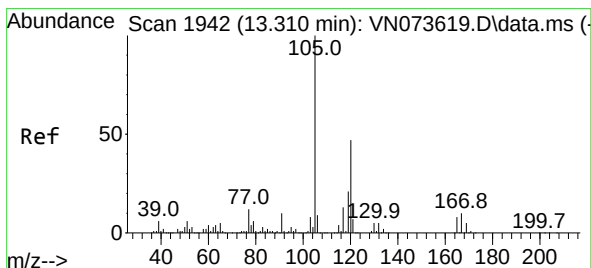
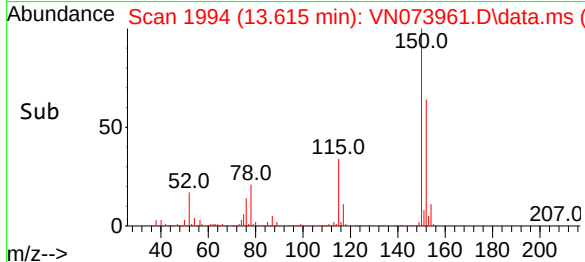
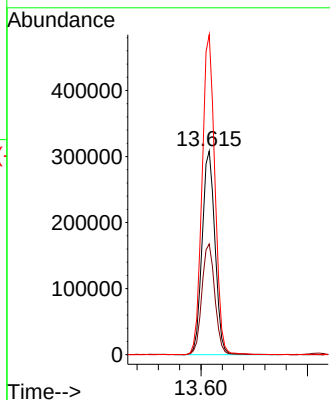
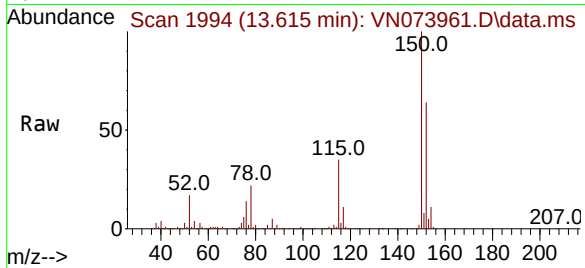




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073961.D
 Acq: 16 Aug 2022 20:18

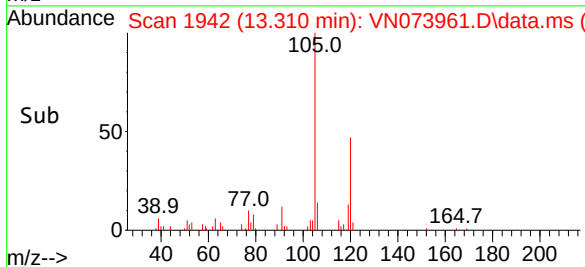
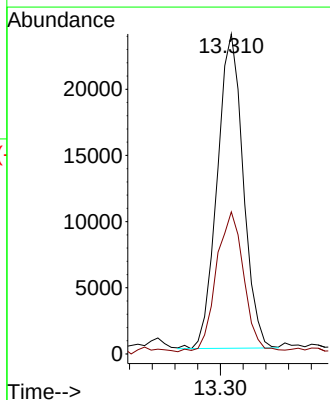
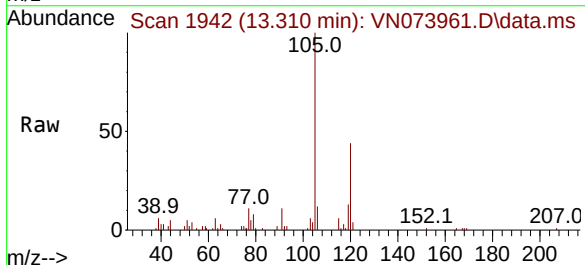
Instrument :
 MSVOA_N
 ClientSampleId :
 61023

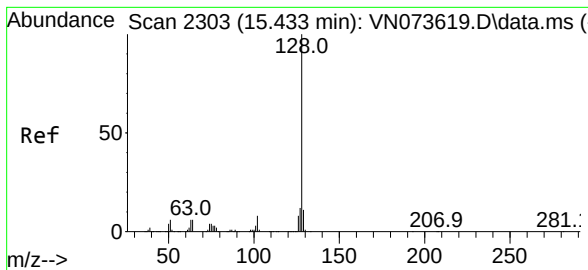
Tgt Ion:152 Resp: 517528
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.9 86.7
 150 156.3 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.233 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN073961.D
 Acq: 16 Aug 2022 20:18

Tgt Ion:105 Resp: 37738
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.3 69.8





#95
Naphthalene
Concen: 1.755 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073961.D
Acq: 16 Aug 2022 20:18

Instrument :
MSVOA_N
ClientSampleId :
61023

Tgt Ion:	128	Resp:	63627
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.4	8.6	13.0

