

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073875.D
 Acq On : 13 Aug 2022 18:04
 Operator : JC\MD
 Sample : PB146976ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#01

Quant Time: Aug 14 02:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

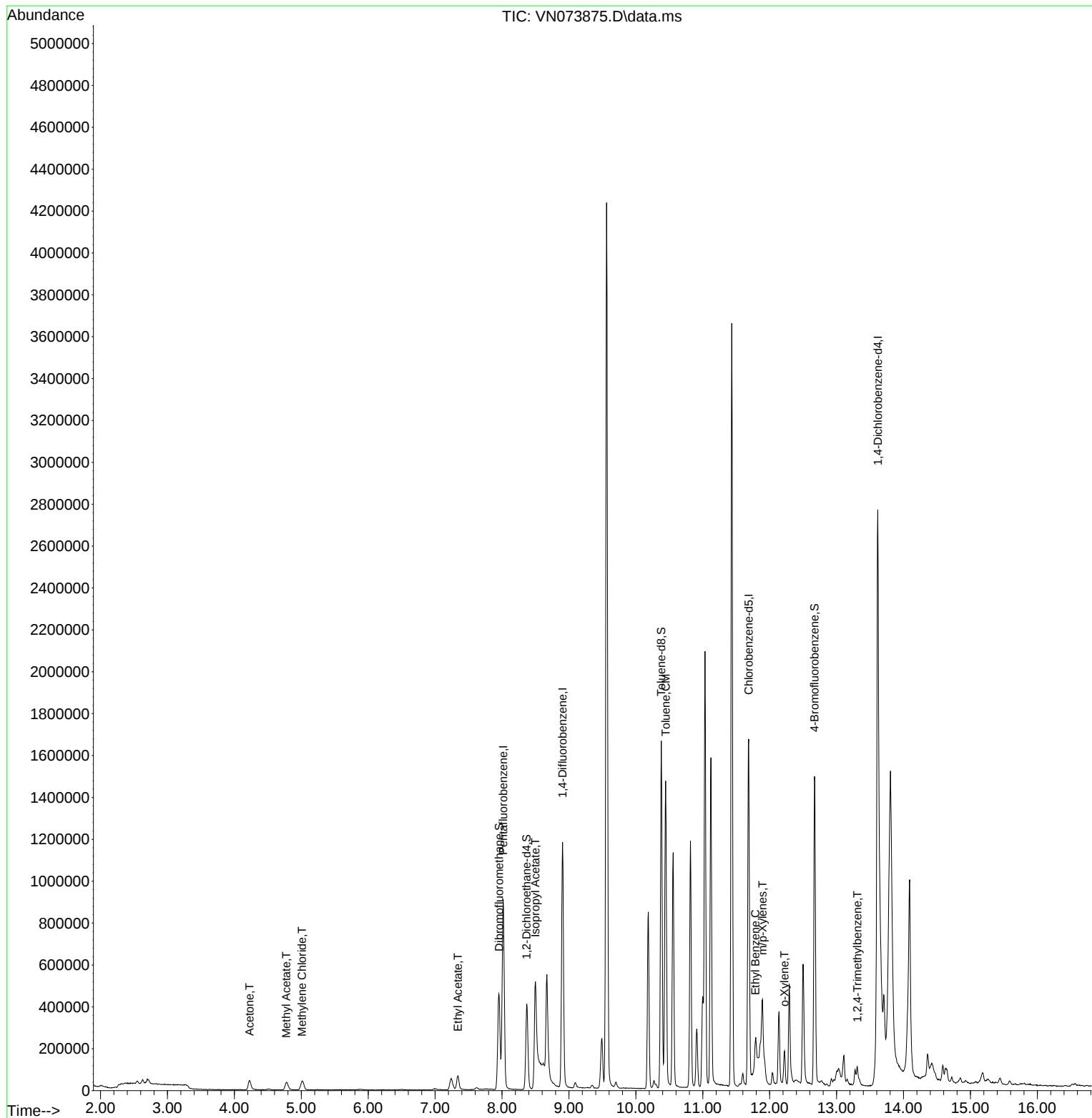
Internal Standards						
1) Pentafluorobenzene	8.016	168	782516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1122413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1065399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	596957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	338882	35.536	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	71.080%#
35) Dibromofluoromethane	7.957	113	346821	49.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	10.381	98	1180032	42.547	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.100%#
62) 4-Bromofluorobenzene	12.669	95	511495	52.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.800%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	85070	16.609	ug/l	91
18) Methyl Acetate	4.775	43	79697	6.254	ug/l	95
20) Methylene Chloride	5.010	84	39841	2.724	ug/l	91
37) Ethyl Acetate	7.340	43	98593	7.453	ug/l	95
43) Isopropyl Acetate	8.498	43	727283	40.702	ug/l #	79
52) Toluene	10.445	92	678070	34.032	ug/l	100
67) Ethyl Benzene	11.786	91	53951	1.413	ug/l	99
68) m/p-Xylenes	11.892	106	109171	7.497	ug/l	95
69) o-Xylene	12.222	106	45348	3.194	ug/l	93
84) 1,2,4-Trimethylbenzene	13.310	105	50382	1.425	ug/l	99

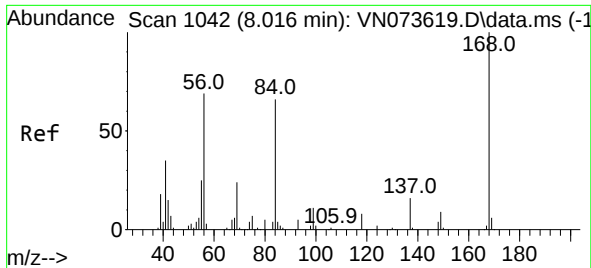
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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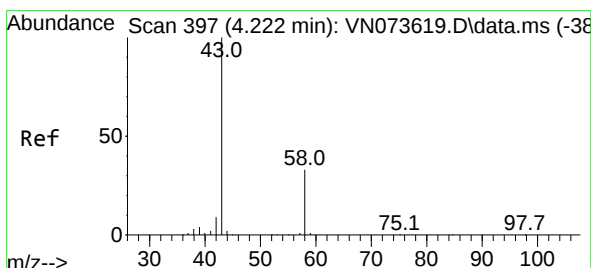
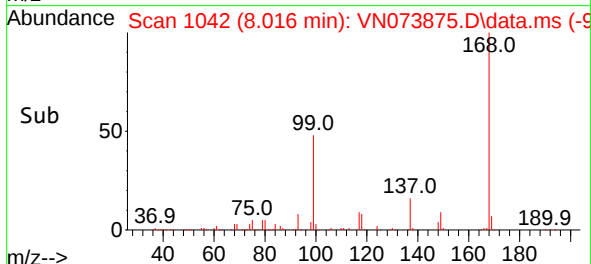
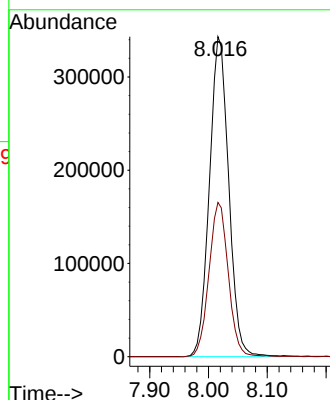
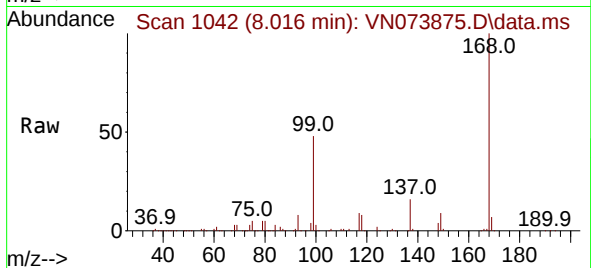




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

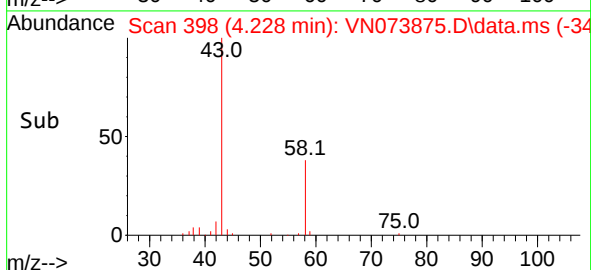
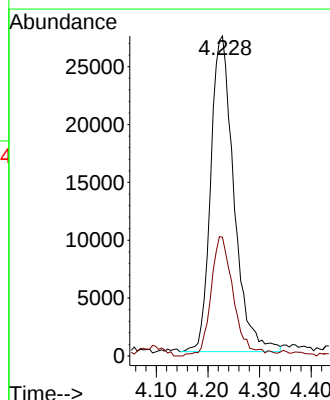
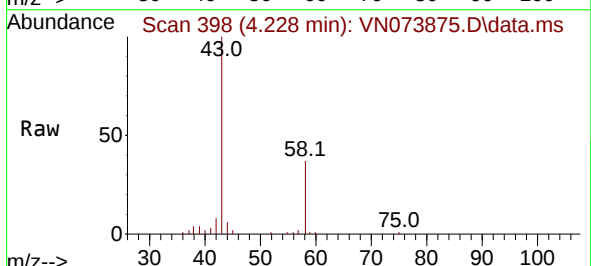
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#01

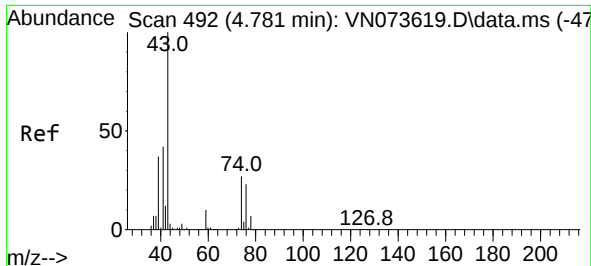
Tgt Ion:168 Resp: 782516
Ion Ratio Lower Upper
168 100
99 48.2 42.3 63.5



#16
Acetone
Concen: 16.609 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

Tgt Ion: 43 Resp: 85070
Ion Ratio Lower Upper
43 100
58 37.6 26.0 39.0

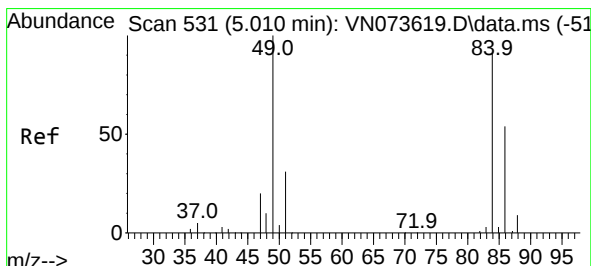
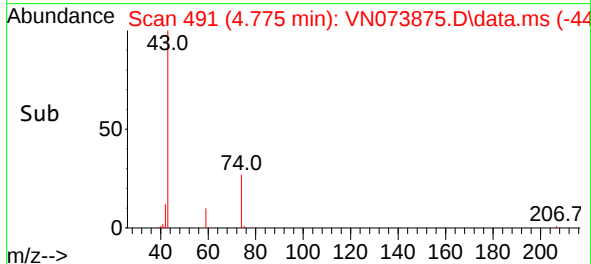
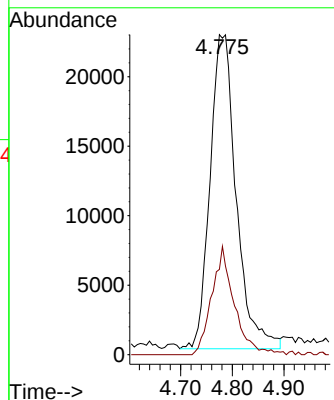
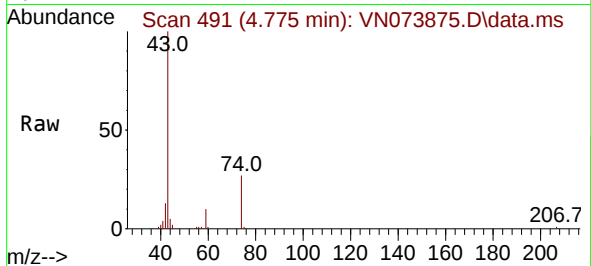




#18
Methyl Acetate
Concen: 6.254 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

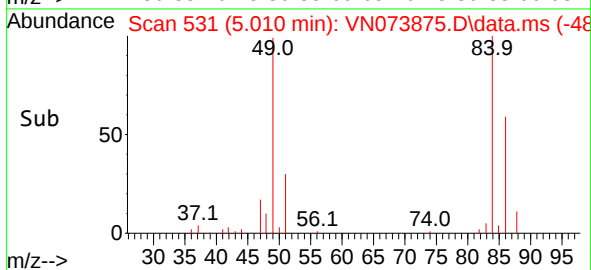
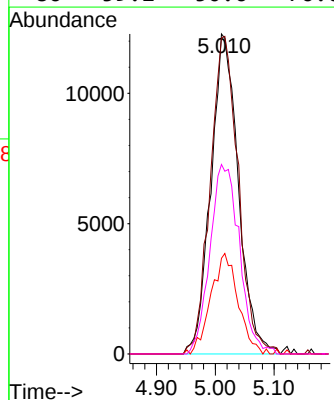
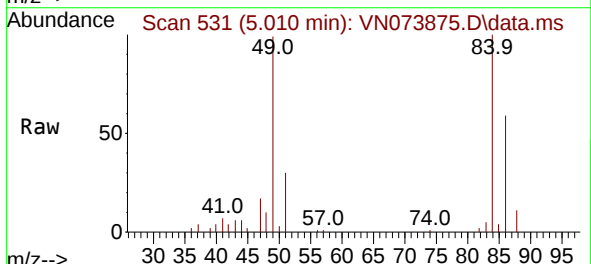
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#01

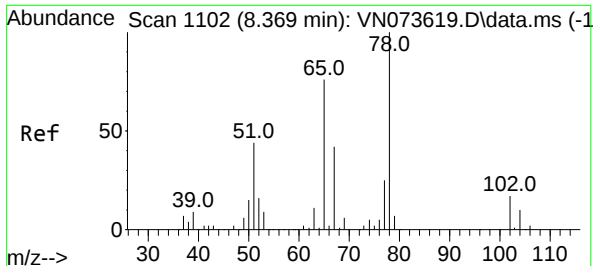
Tgt Ion: 43 Resp: 79697
Ion Ratio Lower Upper
43 100
74 29.6 21.6 32.4



#20
Methylene Chloride
Concen: 2.724 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

Tgt Ion: 84 Resp: 39841
Ion Ratio Lower Upper
84 100
49 98.8 88.3 132.5
51 29.9 28.2 42.2
86 59.2 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 35.536 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073875.D

Acq: 13 Aug 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

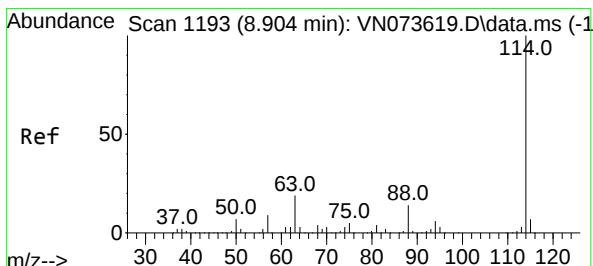
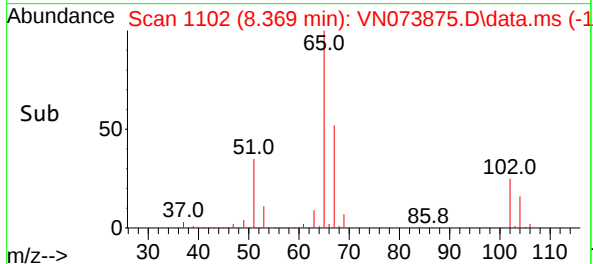
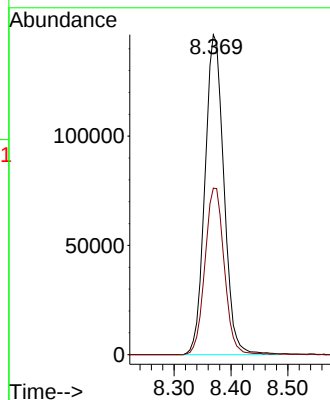
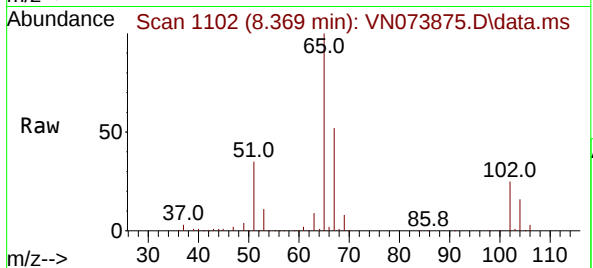
PB146976ZHE#01

Tgt Ion: 65 Resp: 338882

Ion Ratio Lower Upper

65 100

67 53.0 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: VN073875.D

Acq: 13 Aug 2022 18:04

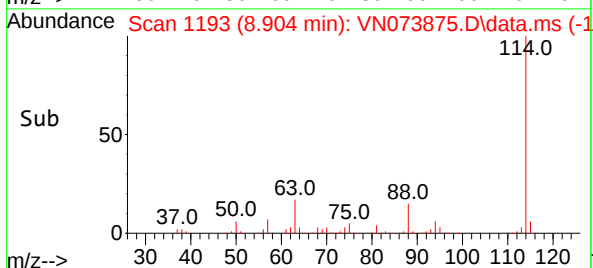
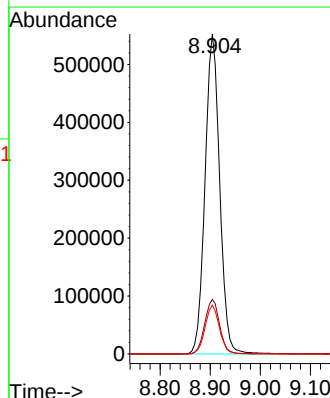
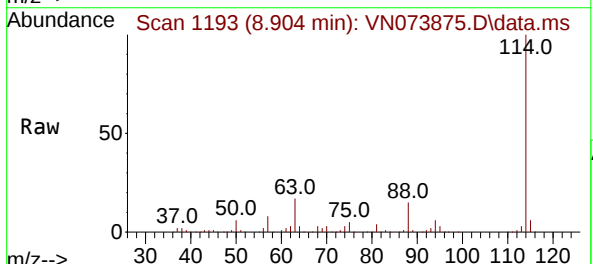
Tgt Ion: 114 Resp: 1122413

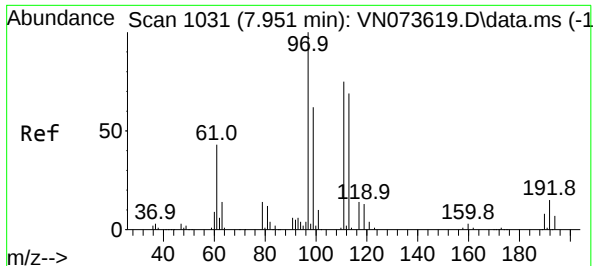
Ion Ratio Lower Upper

114 100

63 17.0 0.0 40.0

88 15.2 0.0 32.6

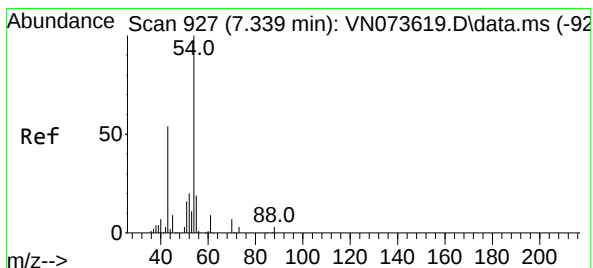
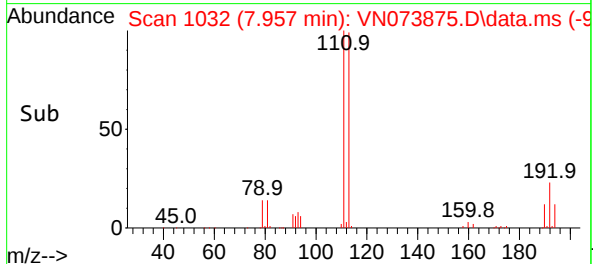
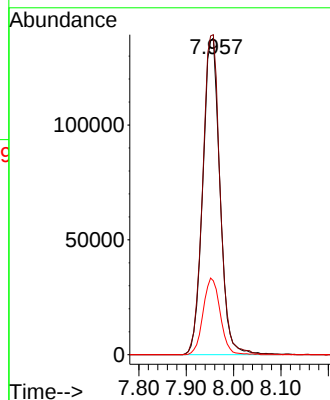
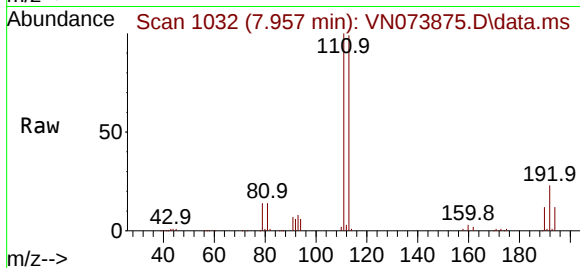




#35
Dibromofluoromethane
Concen: 49.208 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

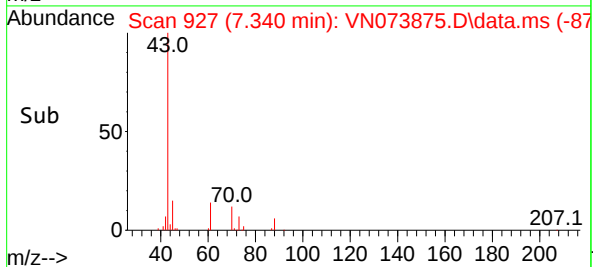
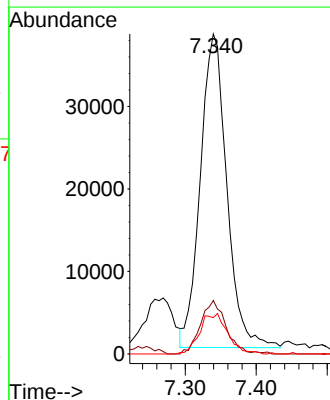
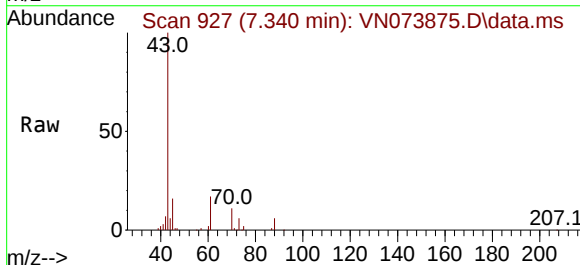
Instrument :
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ClientSampleId :
PB146976ZHE#01

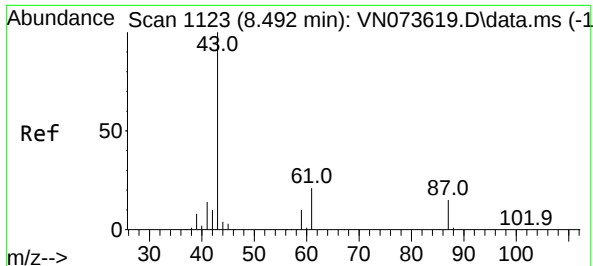
Tgt Ion:113 Resp: 346821
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 24.1 17.0 25.6



#37
Ethyl Acetate
Concen: 7.453 ug/l
RT: 7.340 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

Tgt Ion: 43 Resp: 98593
Ion Ratio Lower Upper
43 100
61 16.5 11.8 17.6
70 13.5 9.3 13.9

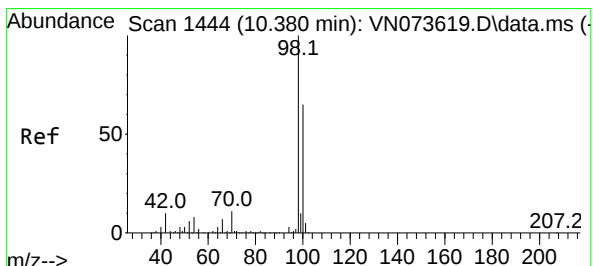
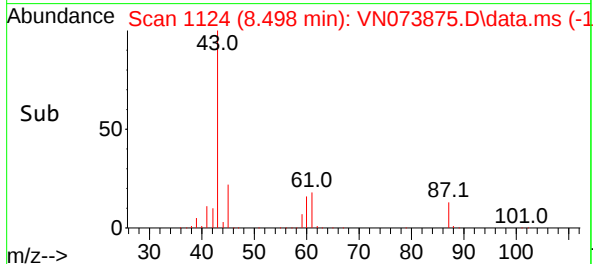
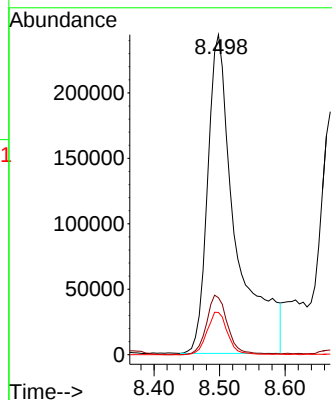
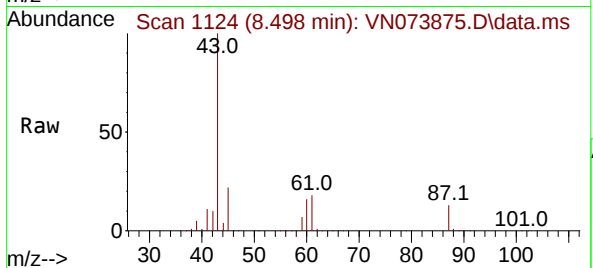




#43
Isopropyl Acetate
Concen: 40.702 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

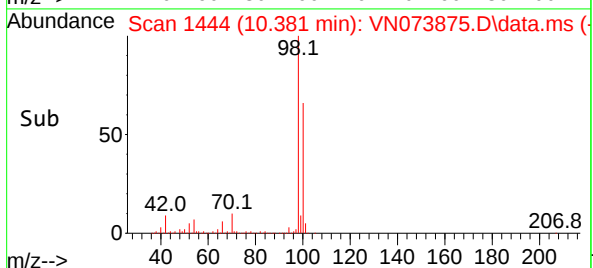
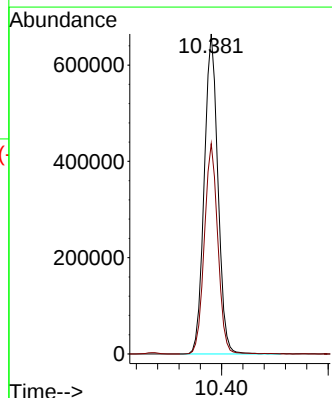
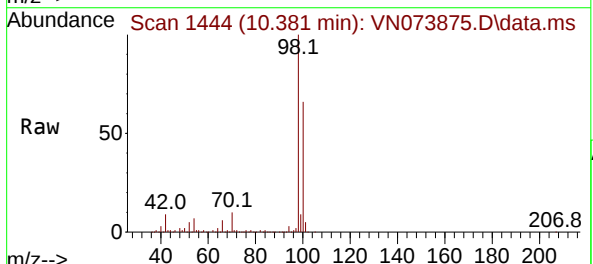
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MSVOA_N
ClientSampleId :
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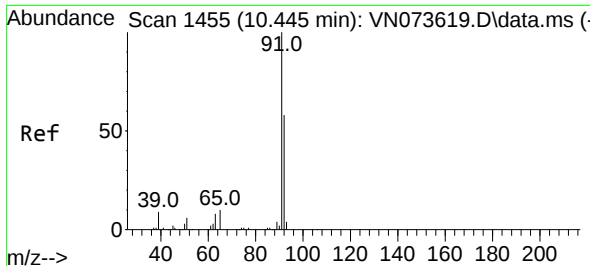
Tgt Ion: 43 Resp: 727283
Ion Ratio Lower Upper
43 100
61 14.1 21.9 32.9#
87 9.7 12.0 18.0#



#50
Toluene-d8
Concen: 42.547 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

Tgt Ion: 98 Resp: 1180032
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

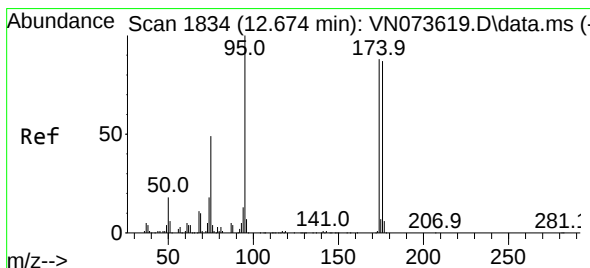
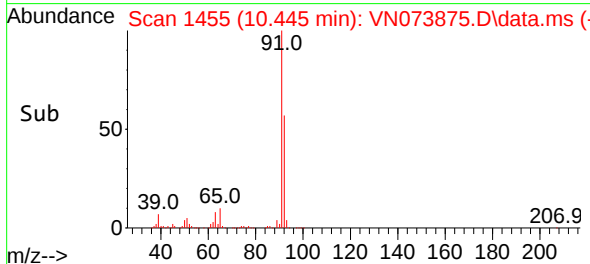
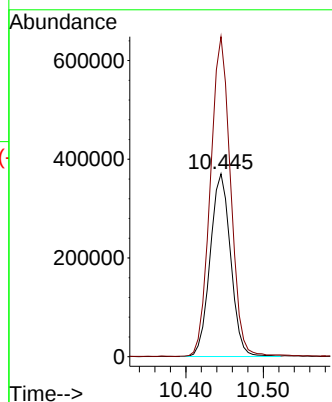
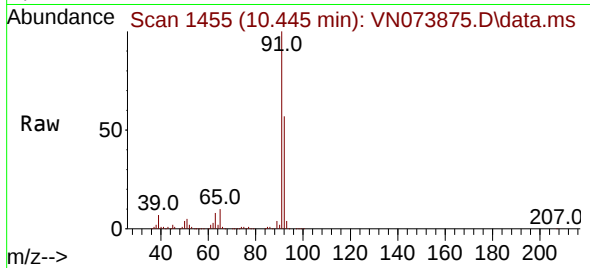




#52
Toluene
Concen: 34.032 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

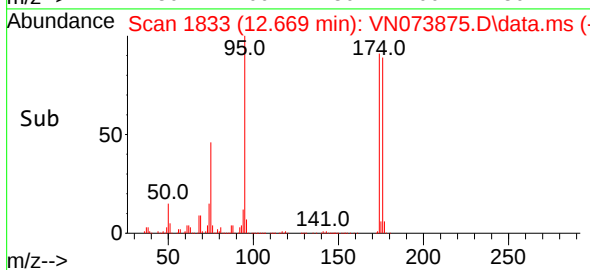
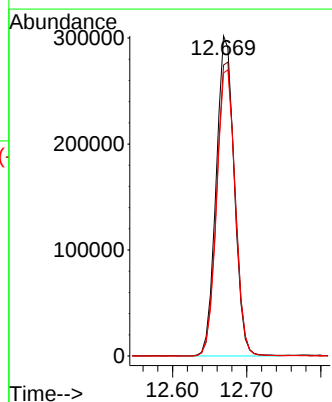
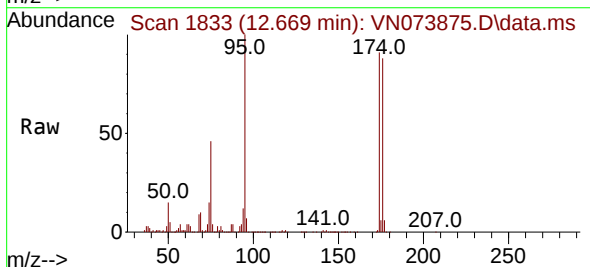
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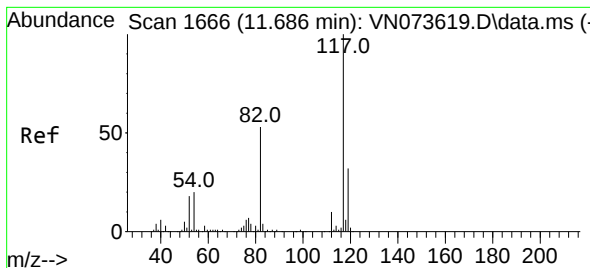
Tgt Ion: 92 Resp: 678070
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.396 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

Tgt Ion: 95 Resp: 511495
Ion Ratio Lower Upper
95 100
174 94.0 0.0 167.6
176 91.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073875.D

Acq: 13 Aug 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#01

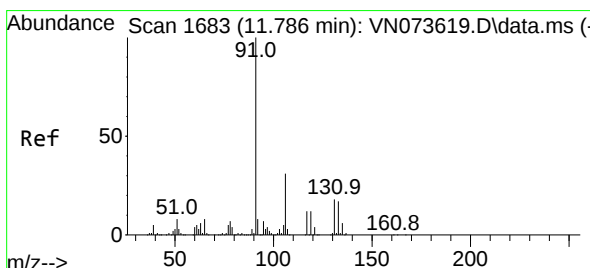
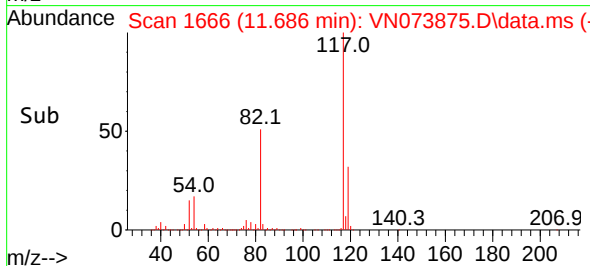
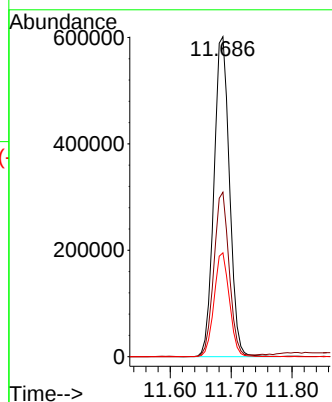
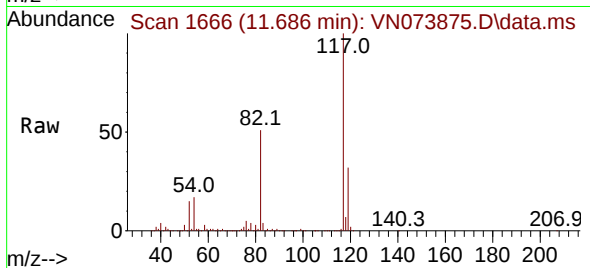
Tgt Ion:117 Resp: 1065399

Ion Ratio Lower Upper

117 100

82 51.4 44.2 66.2

119 32.4 25.4 38.0



#67

Ethyl Benzene

Concen: 1.413 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VN073875.D

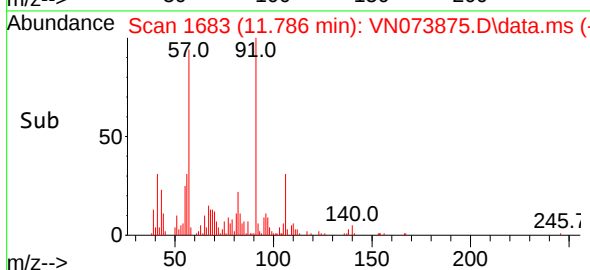
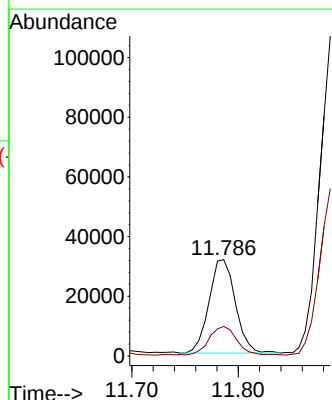
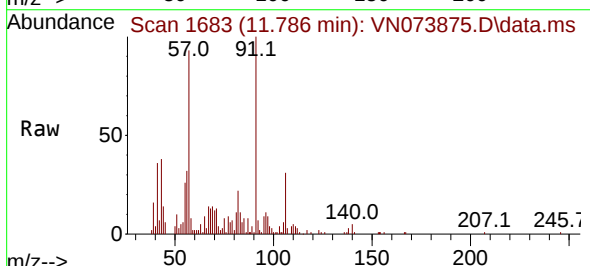
Acq: 13 Aug 2022 18:04

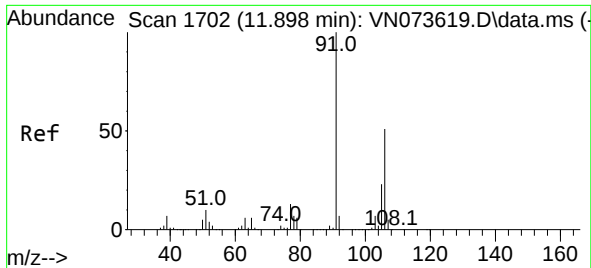
Tgt Ion: 91 Resp: 53951

Ion Ratio Lower Upper

91 100

106 30.4 24.9 37.3

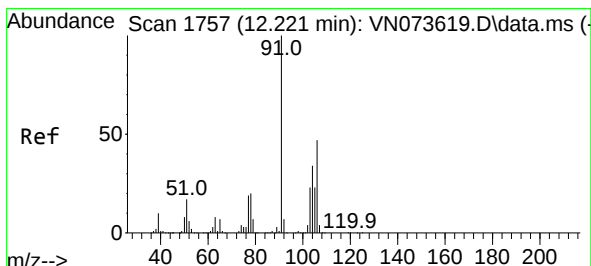
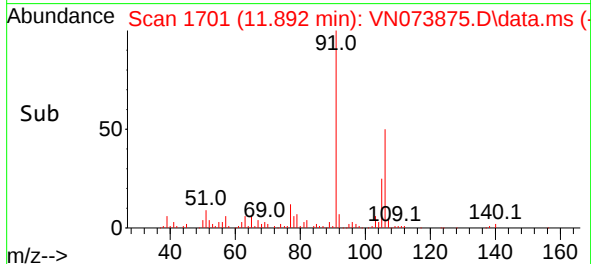
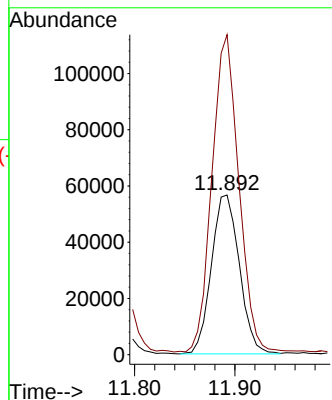
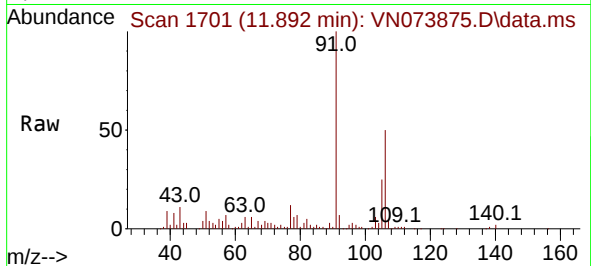




#68
m/p-Xylenes
Concen: 7.497 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

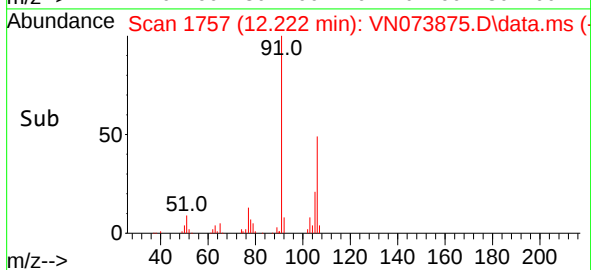
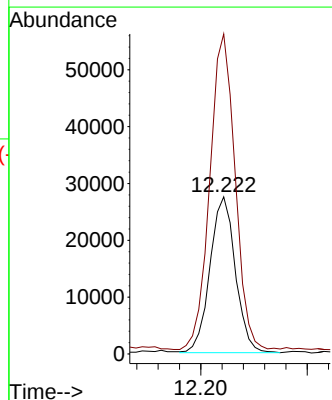
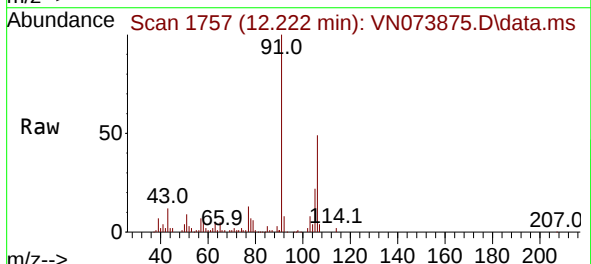
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#01

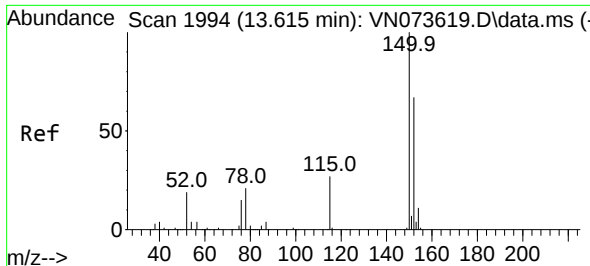
Tgt Ion:106 Resp: 109171
Ion Ratio Lower Upper
106 100
91 191.7 158.9 238.3



#69
o-Xylene
Concen: 3.194 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073875.D
Acq: 13 Aug 2022 18:04

Tgt Ion:106 Resp: 45348
Ion Ratio Lower Upper
106 100
91 201.5 106.0 318.0

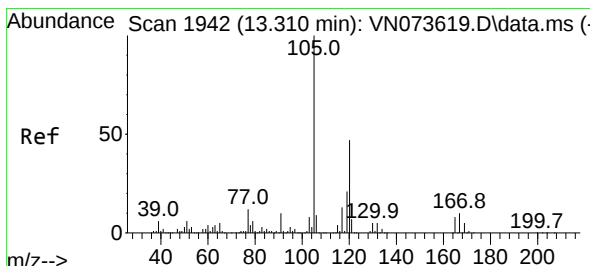
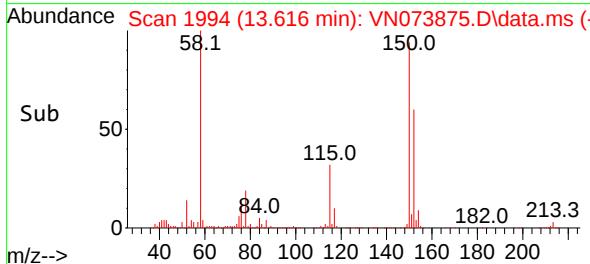
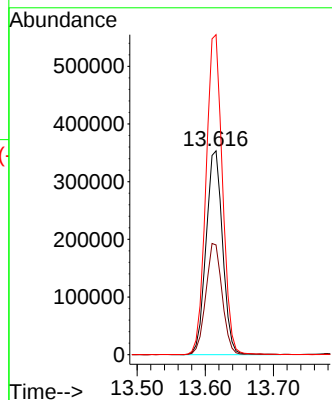
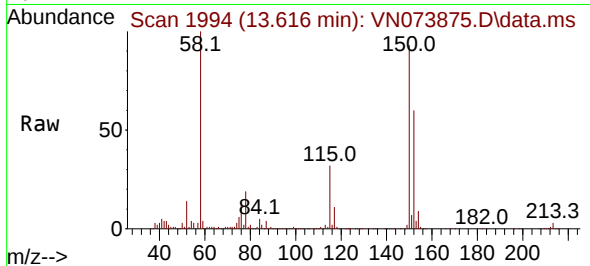




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073875.D
 Acq: 13 Aug 2022 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#01

Tgt Ion:152 Resp: 596957
 Ion Ratio Lower Upper
 152 100
 115 54.0 28.9 86.7
 150 156.1 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.425 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: VN073875.D
 Acq: 13 Aug 2022 18:04

Tgt Ion:105 Resp: 50382
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.3 69.8

