

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074238.D
 Acq On : 01 Sep 2022 13:27
 Operator : JC\MD
 Sample : N4421-06
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-02

Quant Time: Sep 01 16:15:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

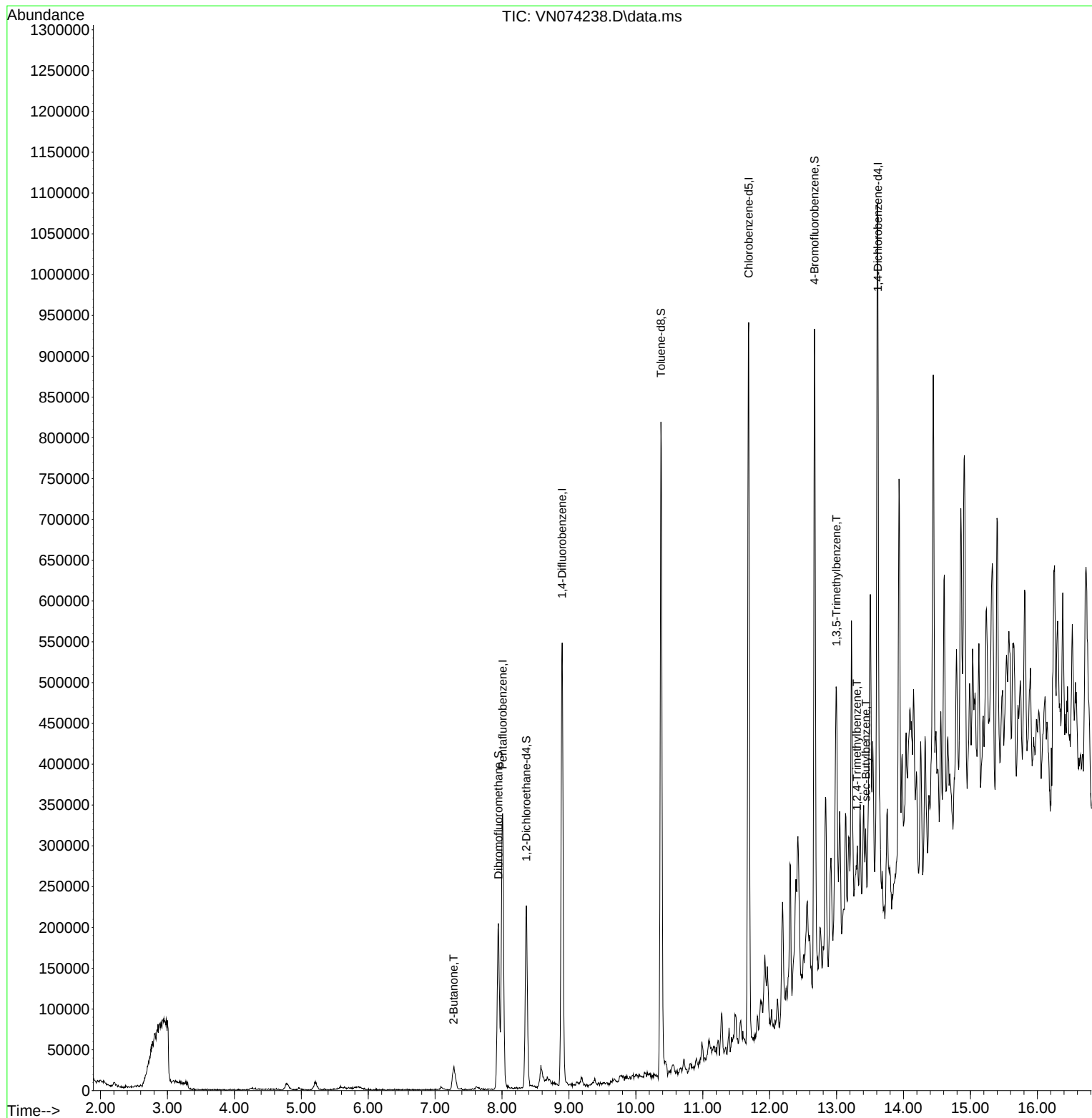
Internal Standards						
1) Pentafluorobenzene	8.010	168	242411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	464401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	482726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	212811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	174176	46.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.640%
35) Dibromofluoromethane	7.945	113	142577	47.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	10.375	98	527045	44.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.669	95	251692	69.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	139.100%#
Target Compounds						
					Qvalue	
25) 2-Butanone	7.275	43	45468	11.311	ug/l #	80
80) 1,3,5-Trimethylbenzene	12.998	105	34329	2.316	ug/l	65
84) 1,2,4-Trimethylbenzene	13.304	105	44735	3.127	ug/l	93
85) sec-Butylbenzene	13.439	105	19689	1.107	ug/l #	70

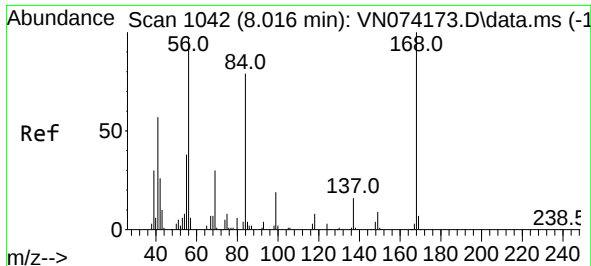
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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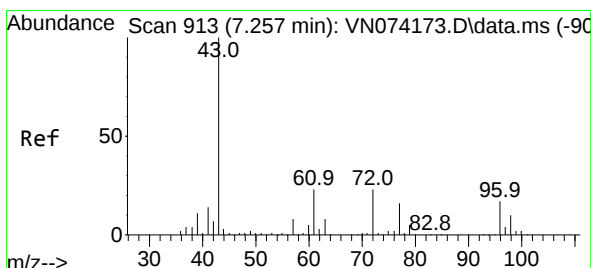
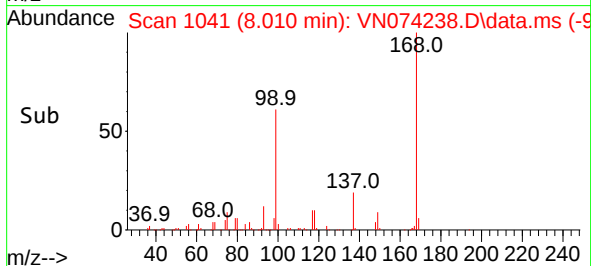
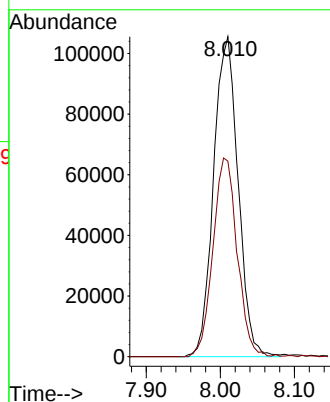
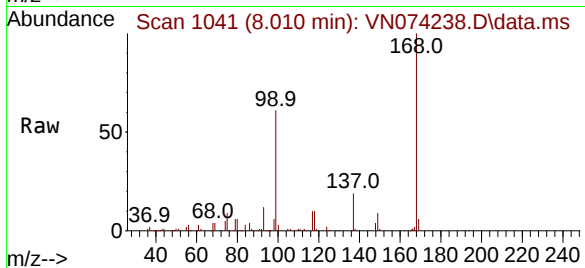




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

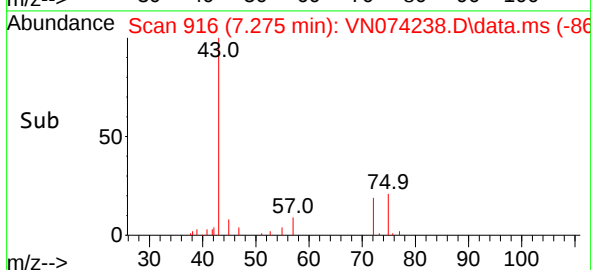
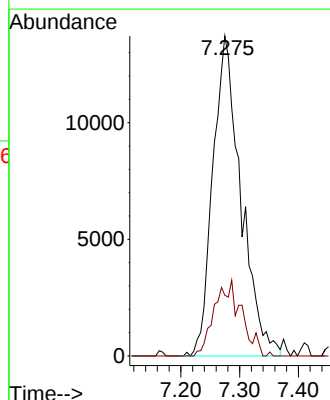
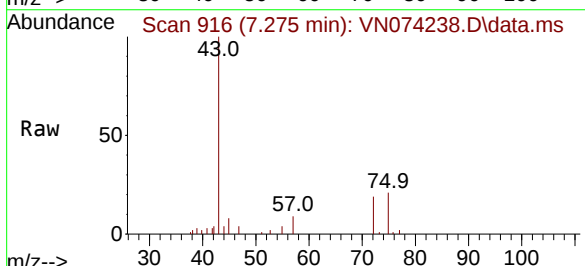
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

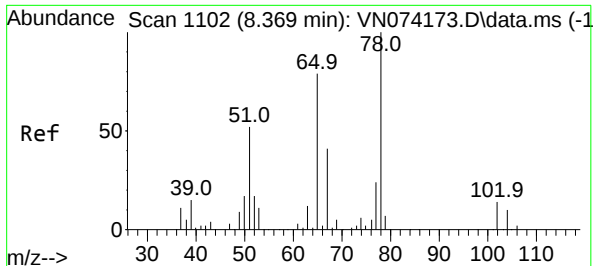
Tgt Ion:168 Resp: 242411
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#25
2-Butanone
Concen: 11.311 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 43 Resp: 45468
Ion Ratio Lower Upper
43 100
72 19.0 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 46.319 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

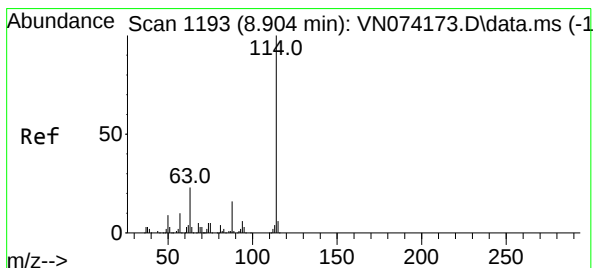
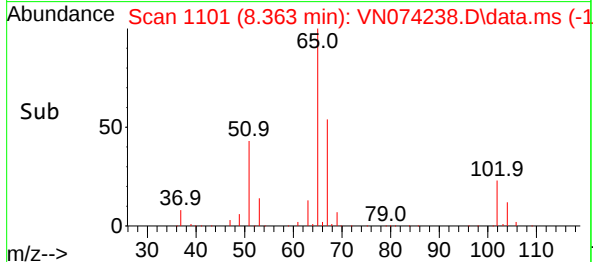
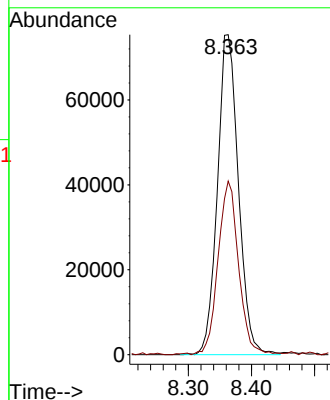
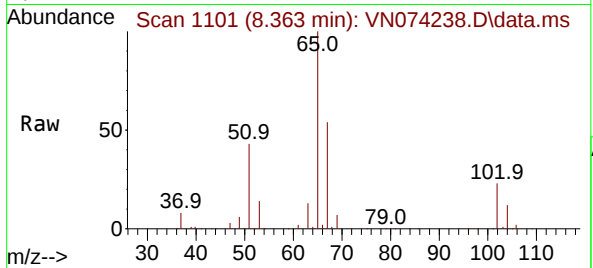
WC-PALM-SP-02

Tgt Ion: 65 Resp: 174176

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

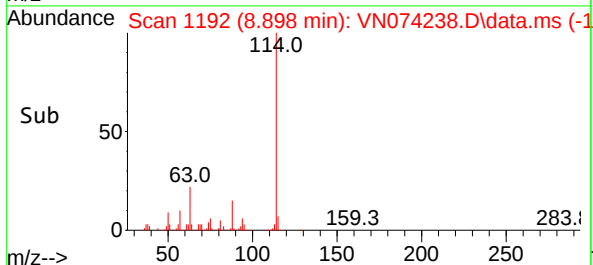
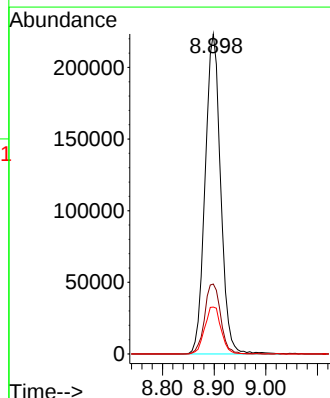
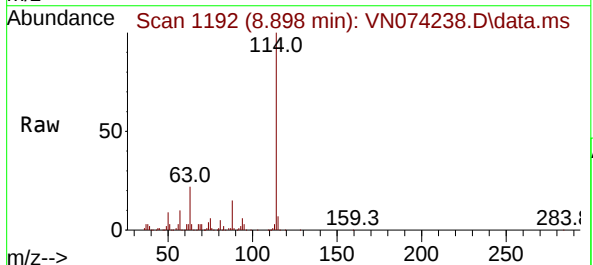
Tgt Ion: 114 Resp: 464401

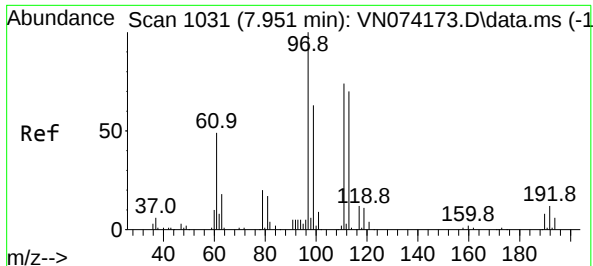
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 14.7 0.0 32.6

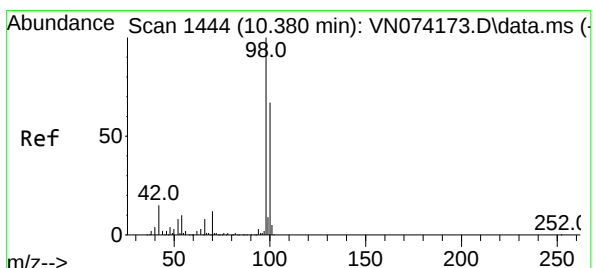
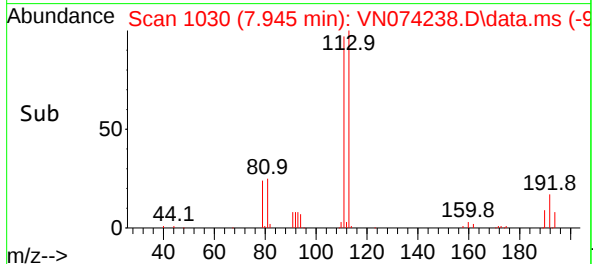
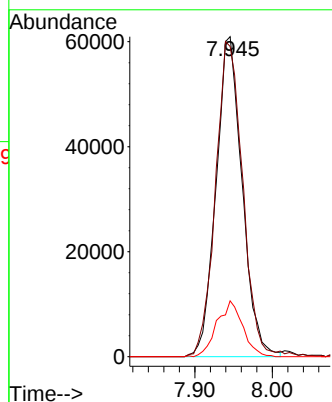
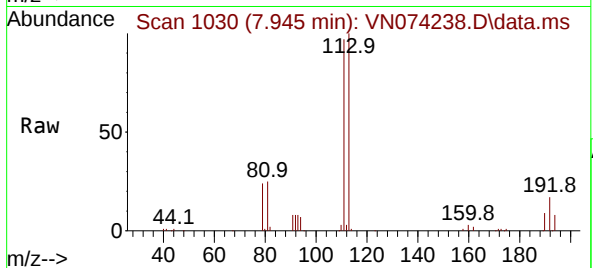




#35
Dibromofluoromethane
Concen: 47.180 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

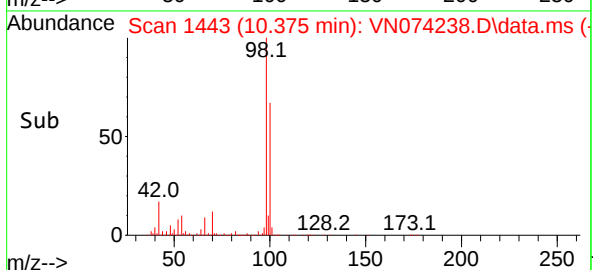
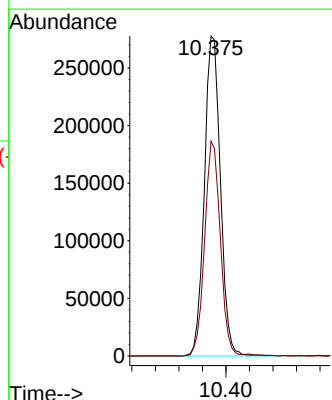
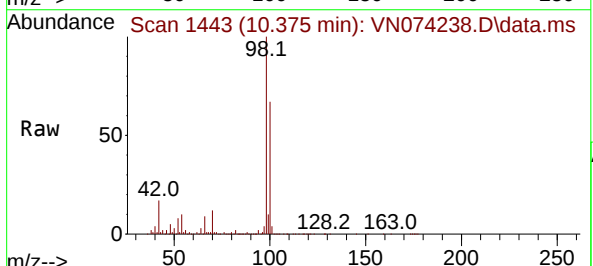
Instrument :
MSVOA_N
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WC-PALM-SP-02

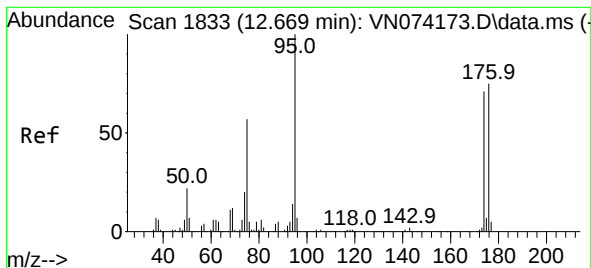
Tgt Ion:113 Resp: 142577
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 17.2 17.0 25.6



#50
Toluene-d8
Concen: 44.286 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 98 Resp: 527045
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

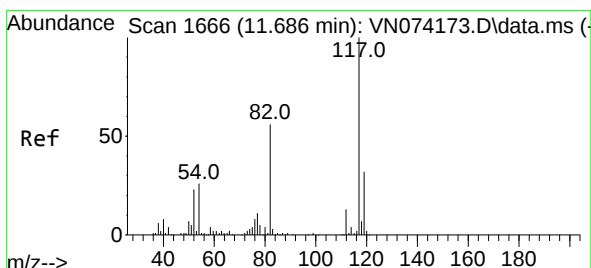
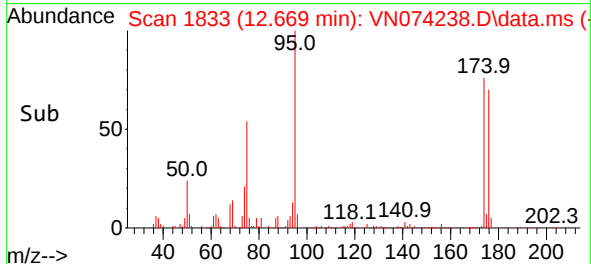
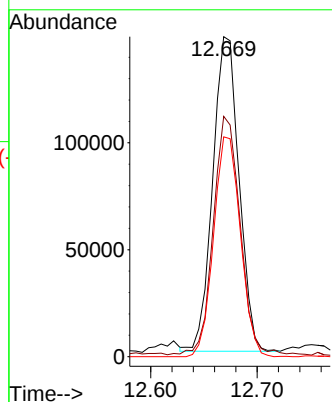
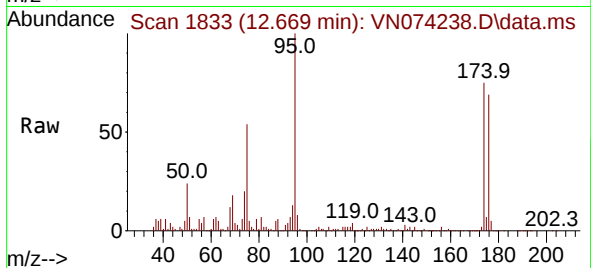




#62
4-Bromofluorobenzene
Concen: 69.545 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

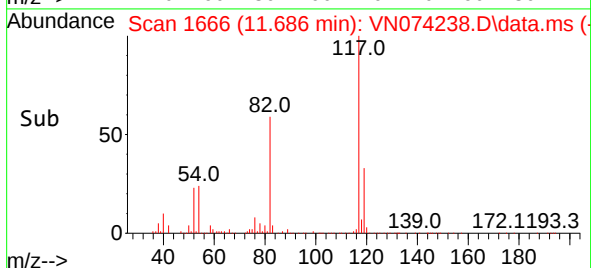
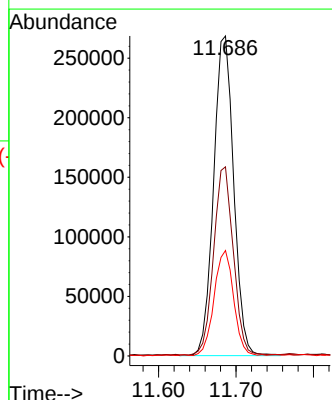
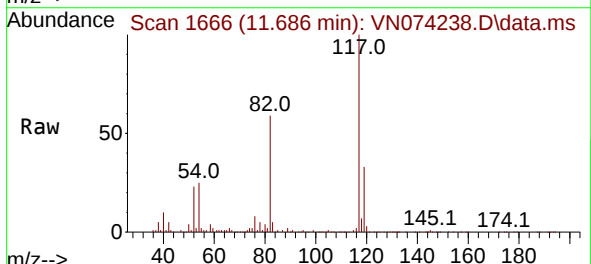
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

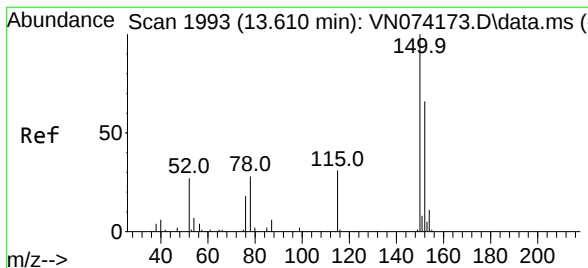
Tgt Ion: 95 Resp: 251692
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 71.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 117 Resp: 482726
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.8 25.4 38.0

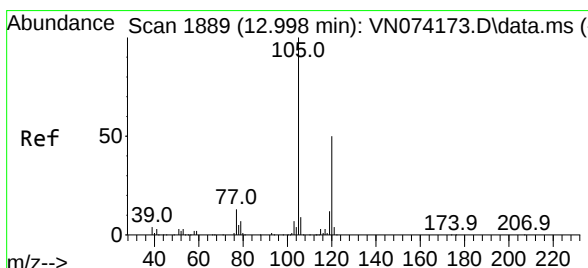
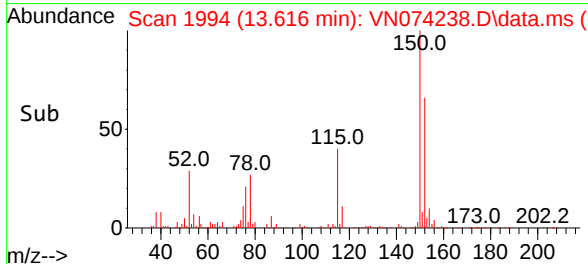
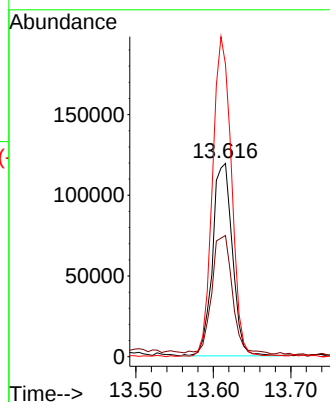
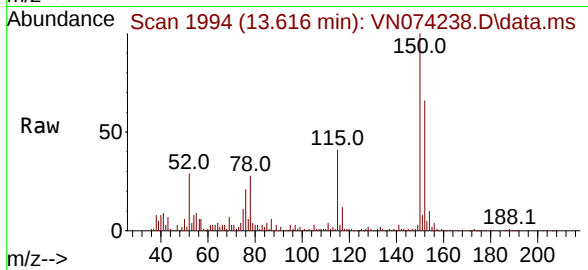




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN074238.D
 Acq: 01 Sep 2022 13:27

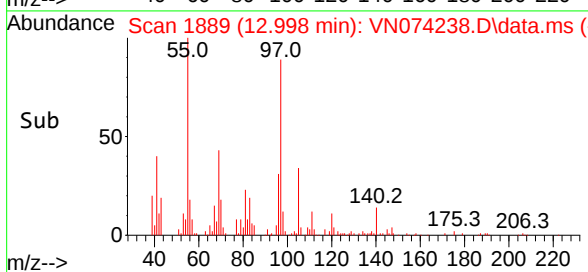
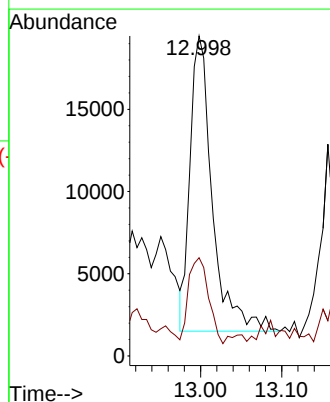
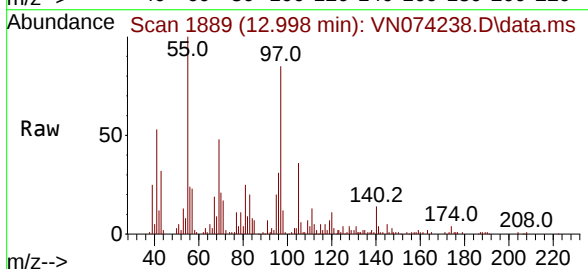
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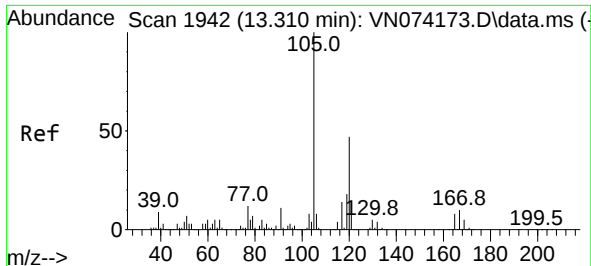
Tgt Ion:152 Resp: 212811
 Ion Ratio Lower Upper
 152 100
 115 63.7 28.9 86.7
 150 159.2 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 2.316 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN074238.D
 Acq: 01 Sep 2022 13:27

Tgt Ion:105 Resp: 34329
 Ion Ratio Lower Upper
 105 100
 120 26.1 24.9 74.7

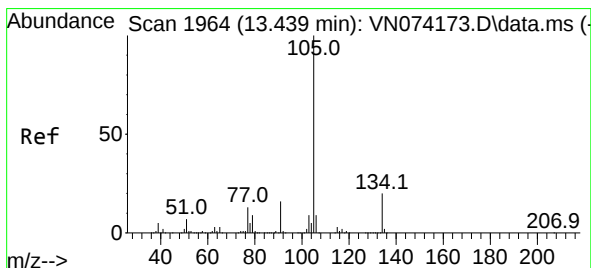
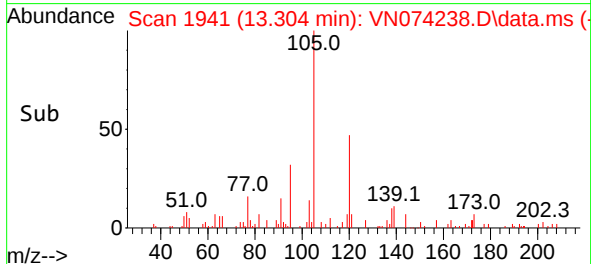
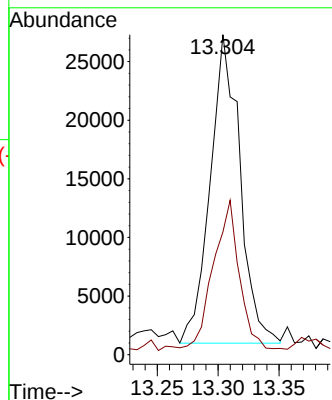
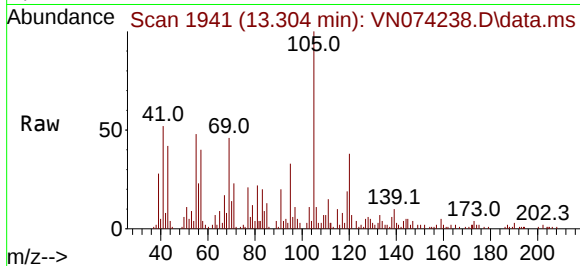




#84
1,2,4-Trimethylbenzene
Concen: 3.127 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

Tgt Ion:105 Resp: 44735
Ion Ratio Lower Upper
105 100
120 41.5 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.107 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion:105 Resp: 19689
Ion Ratio Lower Upper
105 100
134 34.8 10.4 31.1#

