

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074632.D
 Acq On : 27 Sep 2022 17:16
 Operator : JC\MD
 Sample : N4810-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-1

Quant Time: Sep 28 08:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Bromochloromethane	7.498	128	109336	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	660230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	540813	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.292	65	318817	30.925	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.100%			
60) 4-Bromofluorobenzene	12.610	95	255419	24.314	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 81.033%			
63) Toluene-d8	10.310	98	961633	31.524	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.067%			
Target Compounds						
					Qvalue	
15) Acetone	4.128	58	56363m	33.340	ug/l	
30) 2-Butanone	7.169	43	49220	5.232	ug/l #	97
58) 4-Methyl-2-Pentanone	10.204	43	63683	3.794	ug/l	98

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

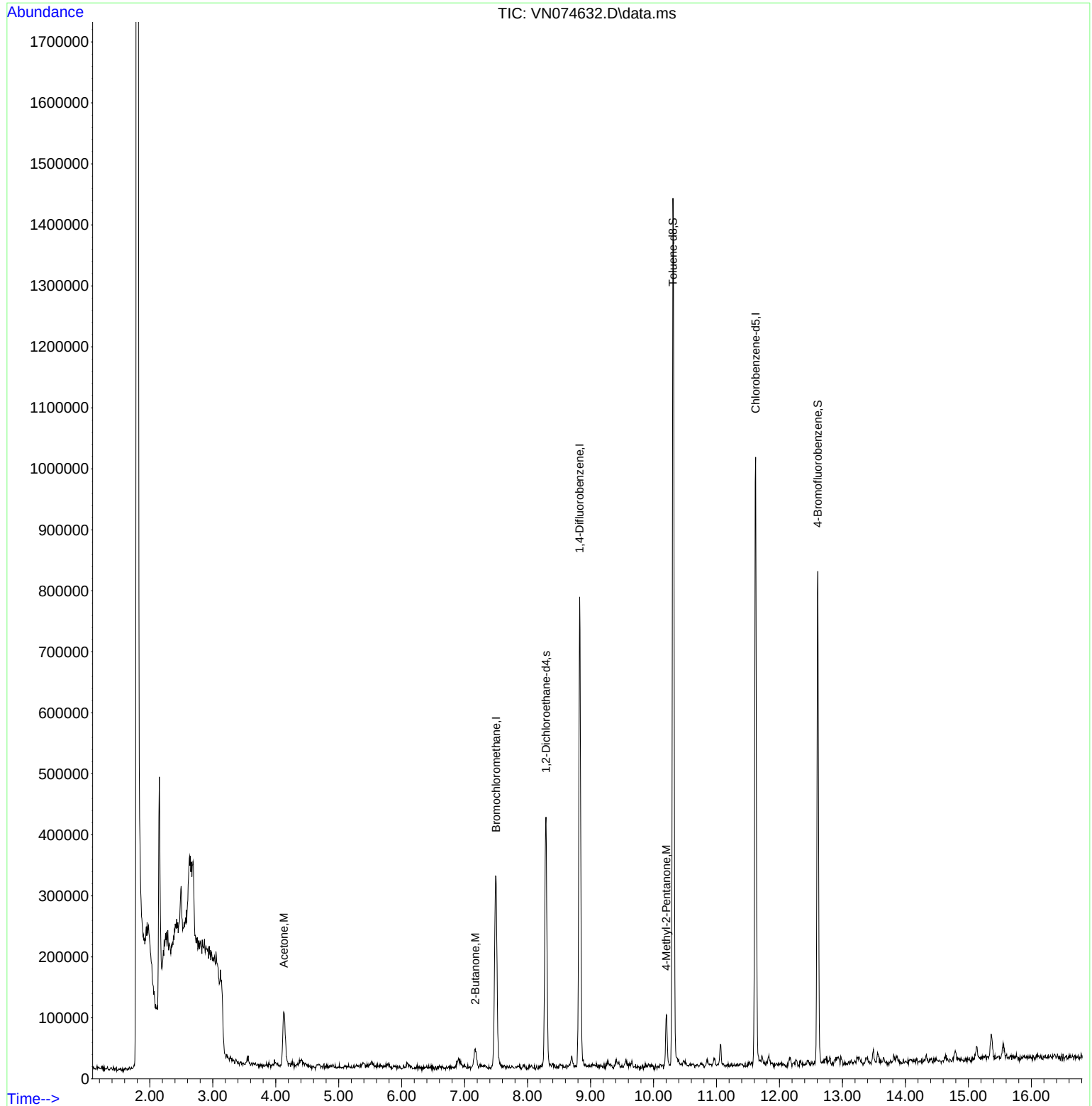
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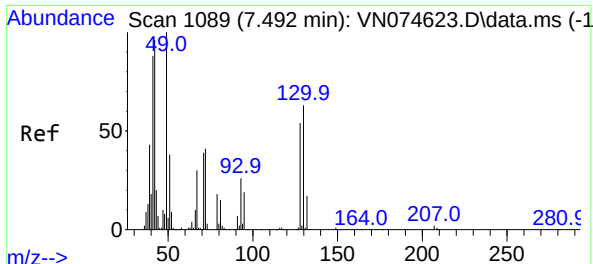
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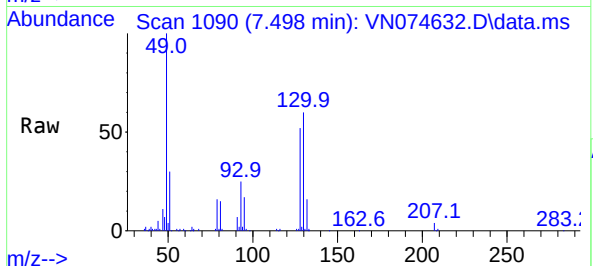
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.498 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16

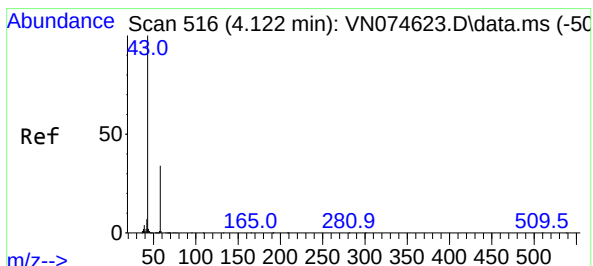
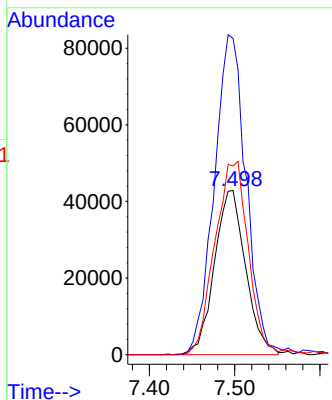
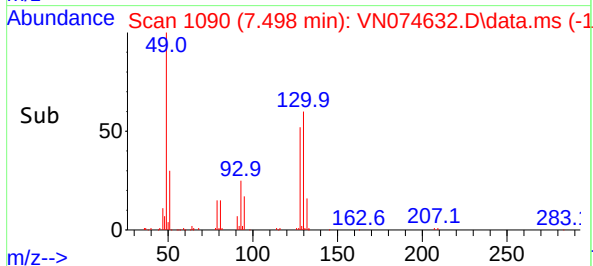
Instrument :
MSVOA_N
ClientSampleId :
OF-1



Tgt Ion:128 Resp: 109330
Ion Ratio Lower Upper
128 100
49 198.4 0.0 492.0
130 125.3 0.0 313.3

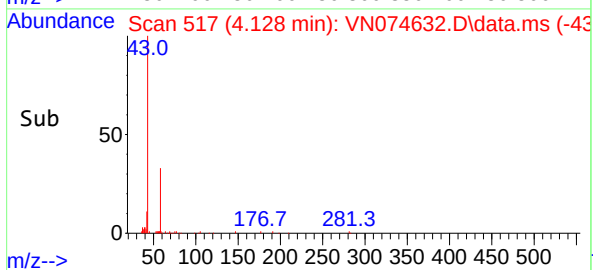
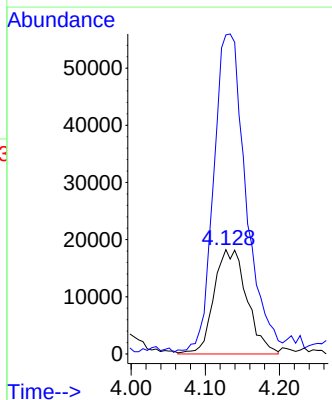
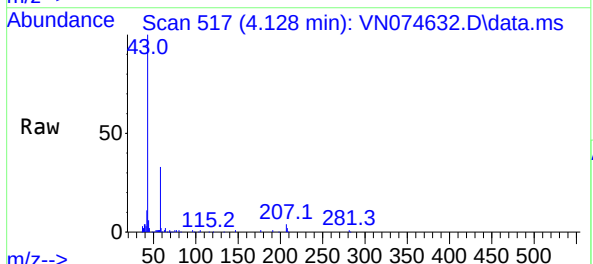
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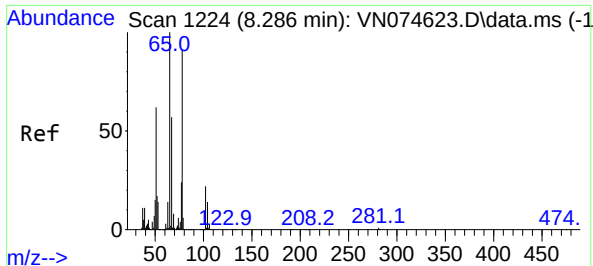
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#15
Acetone
Concen: 33.340 ug/l m
RT: 4.128 min Scan# 517
Delta R.T. 0.006 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16

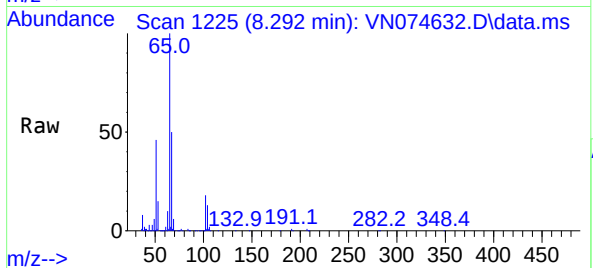
Tgt Ion: 58 Resp: 56363
Ion Ratio Lower Upper
58 100
43 305.9 232.2 348.4





#27
1,2-Dichloroethane-d4
Concen: 30.925 ug/l
RT: 8.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16

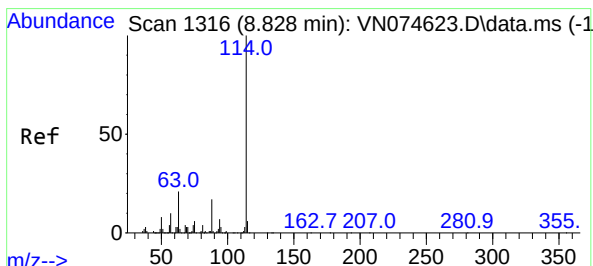
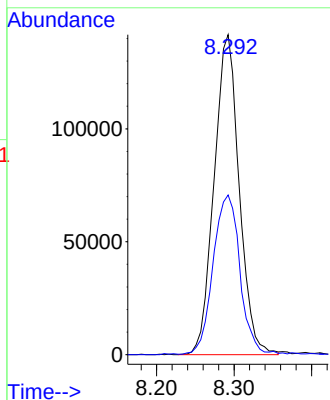
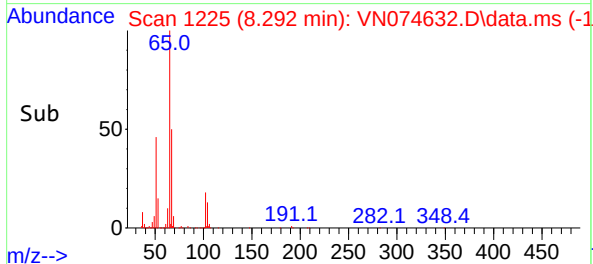
Instrument :
MSVOA_N
ClientSampleId :
OF-1



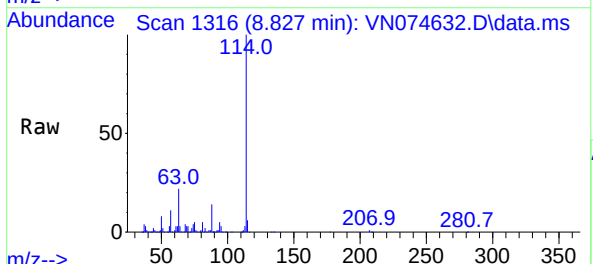
Tgt Ion: 65 Resp: 31881
Ion Ratio Lower Upper
65 100
67 53.3 45.2 67.8

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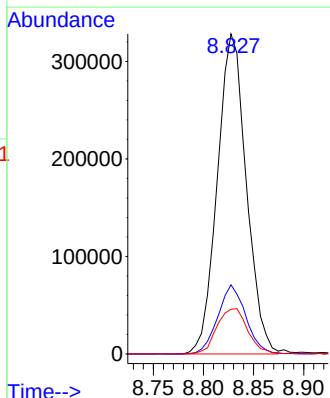
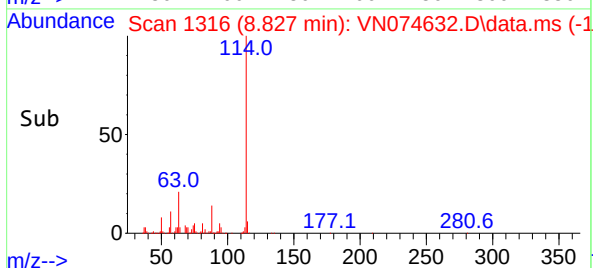
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Supervised By :Mahesh Dadoda 09/28/2022

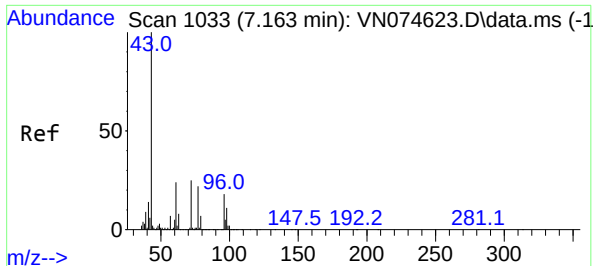


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16



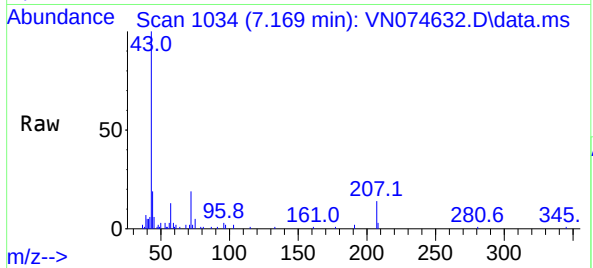
Tgt Ion:114 Resp: 660230
Ion Ratio Lower Upper
114 100
63 20.9 16.6 25.0
88 15.0 12.2 18.4





#30
2-Butanone
Concen: 5.232 ug/l
RT: 7.169 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16

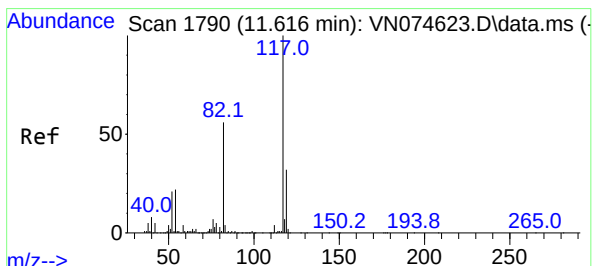
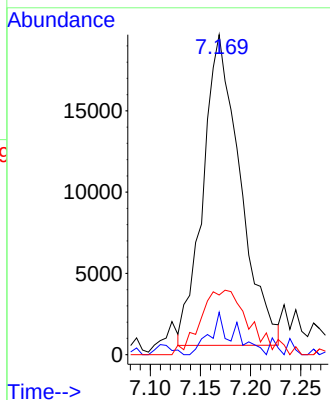
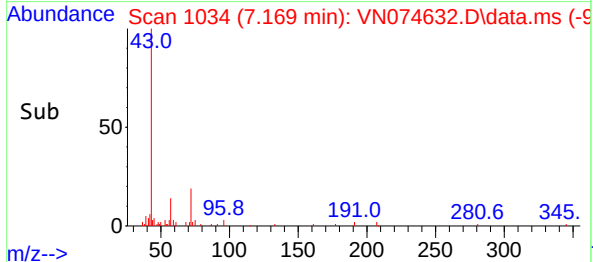
Instrument :
MSVOA_N
ClientSampleId :
OF-1



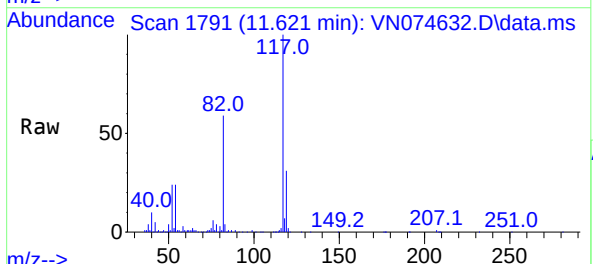
Tgt Ion: 43 Resp: 49220
Ion Ratio Lower Upper
43 100
57 3.2 6.3 9.5
72 26.1 21.0 31.4

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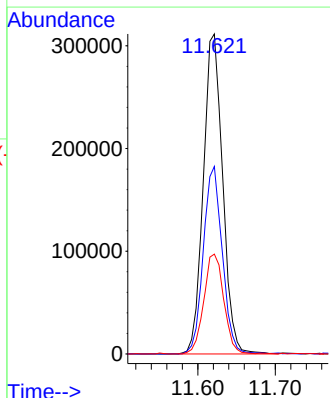
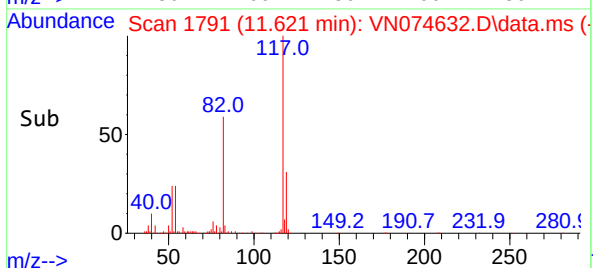
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Supervised By :Mahesh Dadoda 09/28/2022

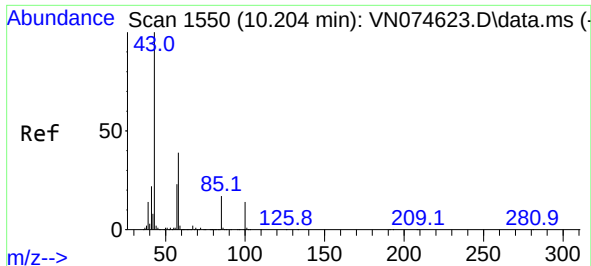


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16



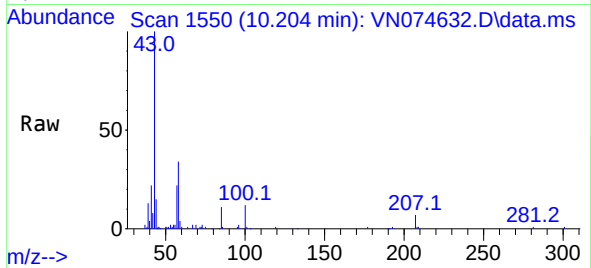
Tgt Ion:117 Resp: 540813
Ion Ratio Lower Upper
117 100
82 57.5 44.6 67.0
119 32.2 25.6 38.4





#58
4-Methyl-2-Pentanone
Concen: 3.794 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16

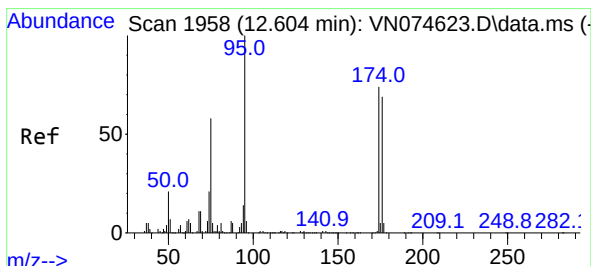
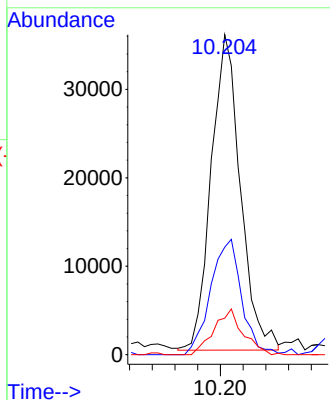
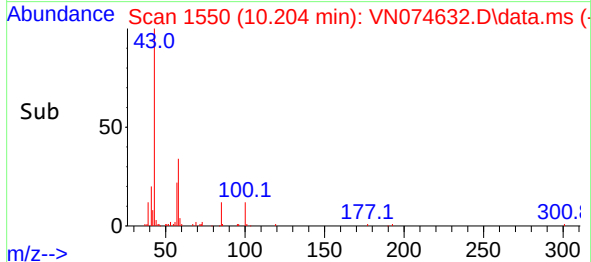
Instrument :
MSVOA_N
ClientSampleId :
OF-1



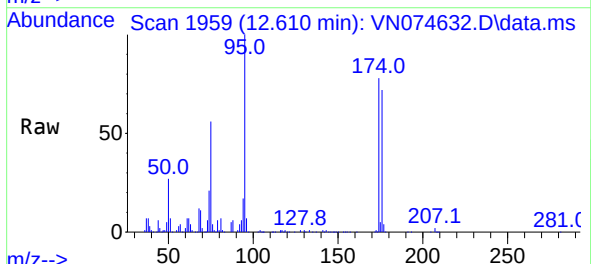
Tgt Ion: 43 Resp: 6368
Ion Ratio Lower Upper
43 100
58 38.2 30.8 46.2
85 14.3 13.3 19.9

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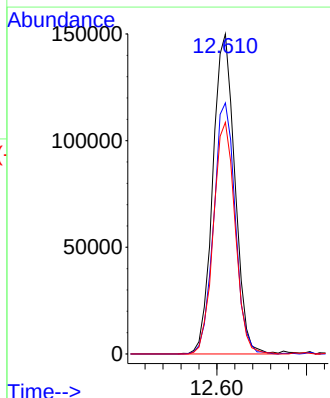
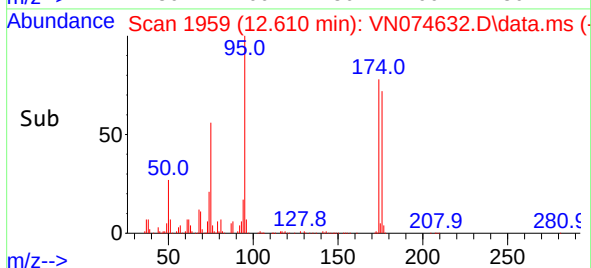
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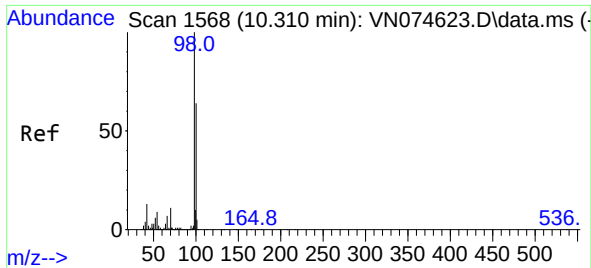


#60
4-Bromofluorobenzene
Concen: 24.314 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16



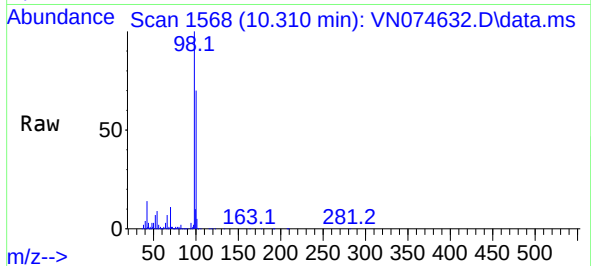
Tgt Ion: 95 Resp: 255419
Ion Ratio Lower Upper
95 100
174 76.5 57.8 86.8
176 71.5 57.0 85.4





#63
Toluene-d8
Concen: 31.524 ug/l
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074632.D
Acq: 27 Sep 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
OF-1



Tgt Ion: 98 Resp: 961633
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

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