

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083466.D
 Acq On : 23 Aug 2024 17:32
 Operator : JC\MD
 Sample : P3715-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA-240821073-02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 24 00:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101494	55.090	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	110.180%		
35) Dibromofluoromethane	8.165	113	79691	48.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	10.565	98	291528	47.943	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.880%		
62) 4-Bromofluorobenzene	12.847	95	133187	56.183	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.360%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.536	59	27686m	72.312	ug/l	
18) Methyl Acetate	5.024	43	4198	1.954	ug/l #	84
25) 2-Butanone	7.494	43	15508	14.010	ug/l	98
29) Tetrahydrofuran	7.847	42	7892	11.029	ug/l	95
44) Trichloroethene	9.353	130	567	0.324	ug/l	96
64) Tetrachloroethene	11.106	164	4119	2.221	ug/l	92
95) Naphthalene	15.635	128	3324	0.367	ug/l #	93

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

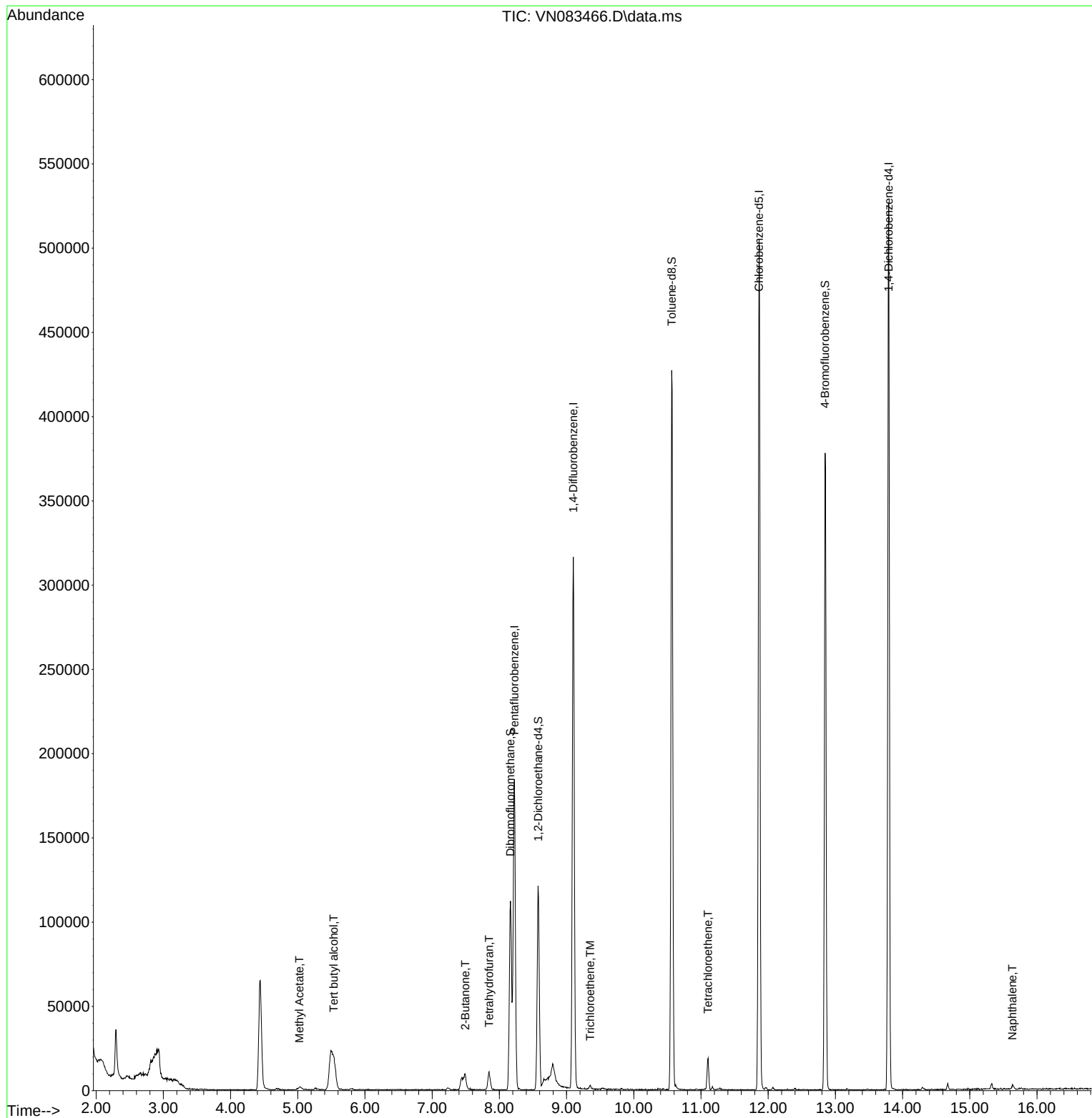
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
Data File : VN083466.D
Acq On : 23 Aug 2024 17:32
Operator : JC\MD
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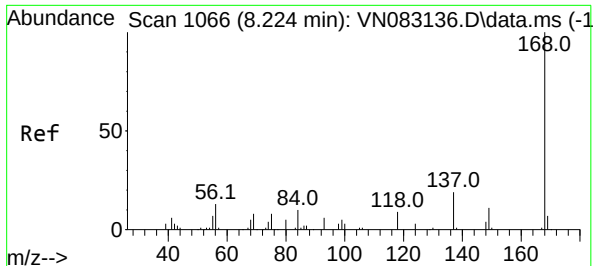
Instrument :
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VOA-240821073-02

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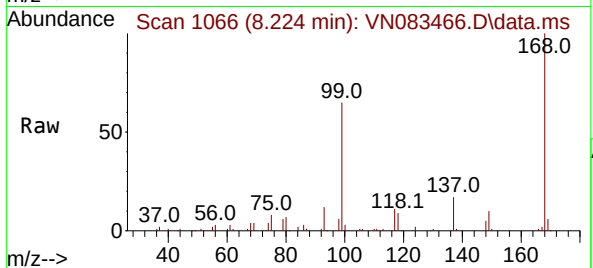
Quant Time: Aug 24 00:05:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

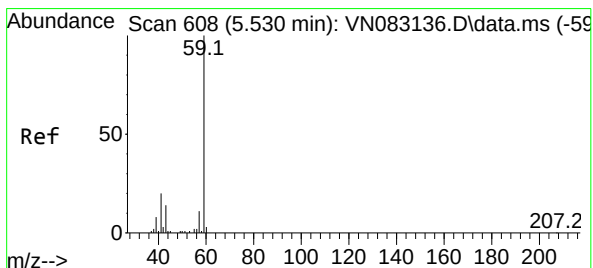
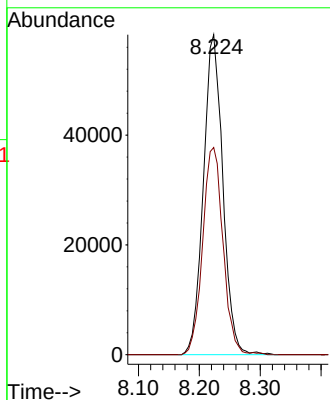
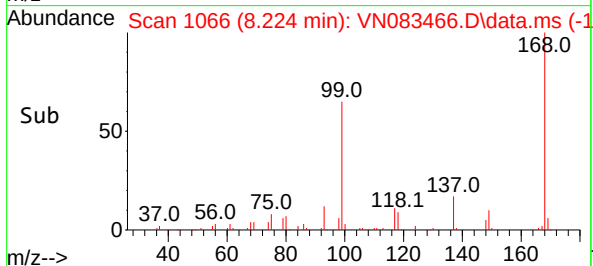
Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02



Tgt Ion:168 Resp: 12943
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4

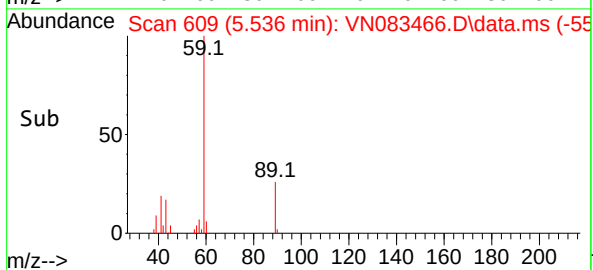
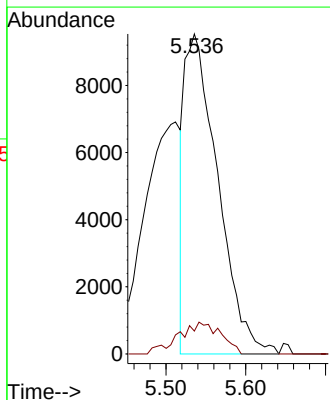
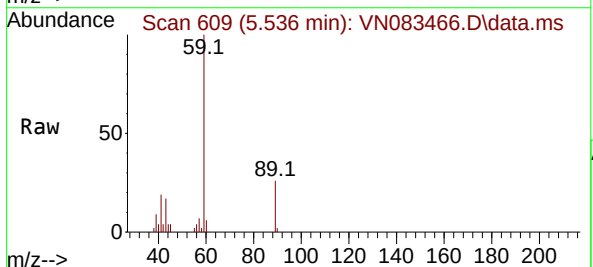
Manual Integrations
APPROVED

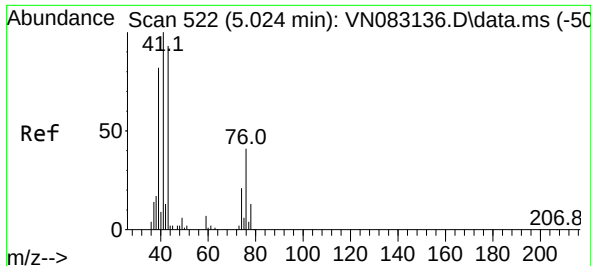
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#11
Tert butyl alcohol
Concen: 72.312 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

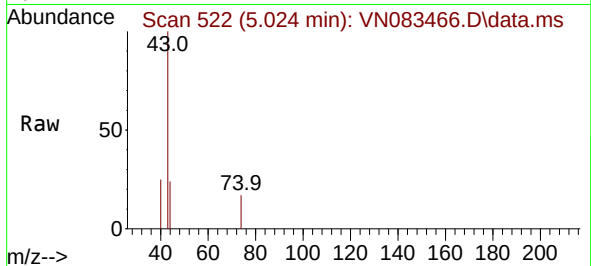
Tgt Ion: 59 Resp: 27686
Ion Ratio Lower Upper
59 100
57 12.6 8.9 13.3





#18
Methyl Acetate
Concen: 1.954 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

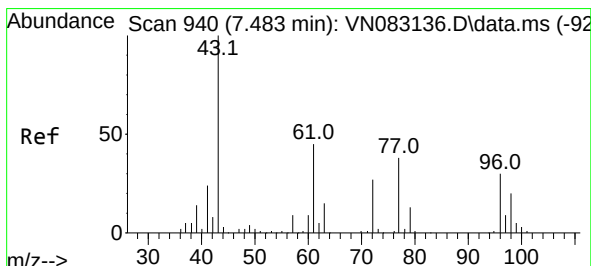
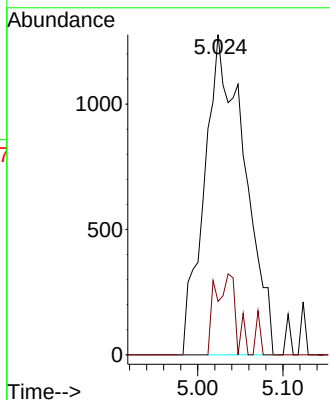
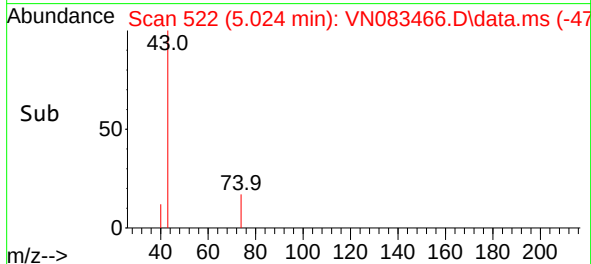
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ClientSampleId :
VOA-240821073-02



Tgt Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
74 12.9 16.3 24.5

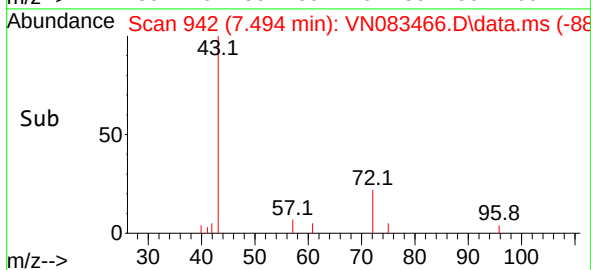
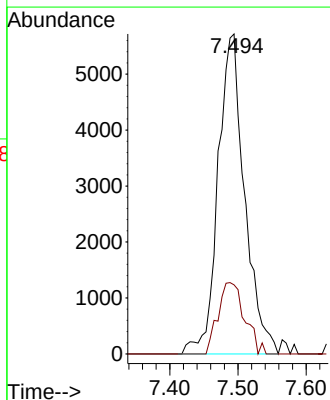
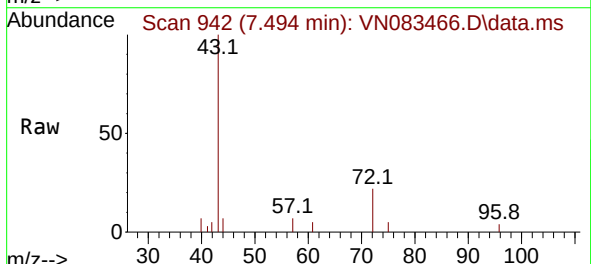
Manual Integrations
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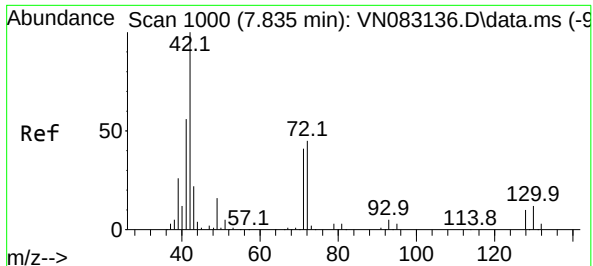
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#25
2-Butanone
Concen: 14.010 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Tgt Ion: 43 Resp: 15508
Ion Ratio Lower Upper
43 100
72 21.6 18.2 27.2





#29

Tetrahydrofuran

Concen: 11.029 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN083466.D

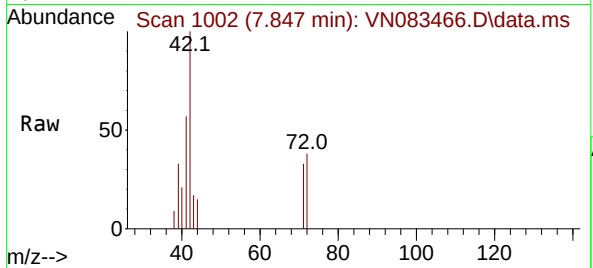
Acq: 23 Aug 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VOA-240821073-02



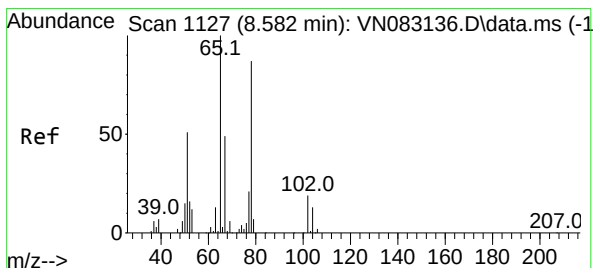
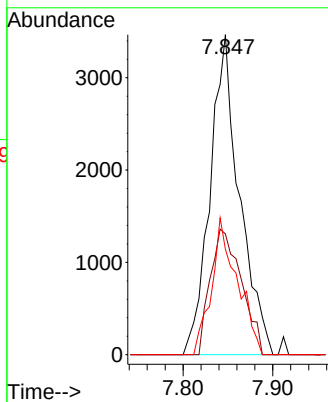
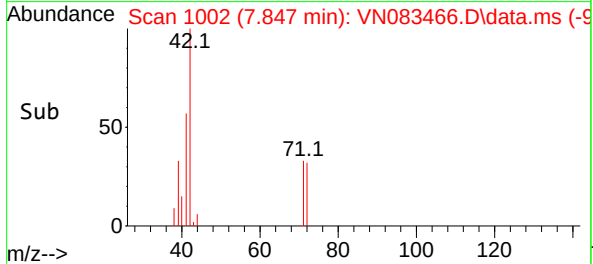
Tgt Ion:	42	Resp:	789
Ion Ratio	100	Lower	Upper
42	100		
72	41.5	30.0	45.0
71	37.5	28.3	42.5

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 55.090 ug/l

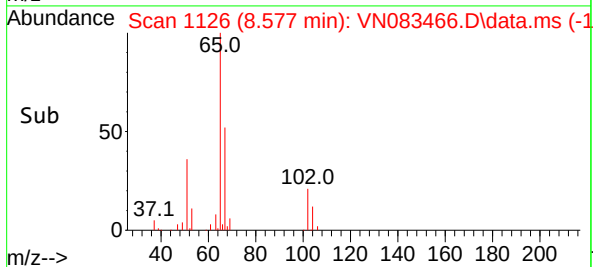
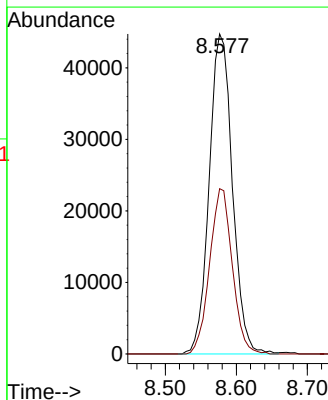
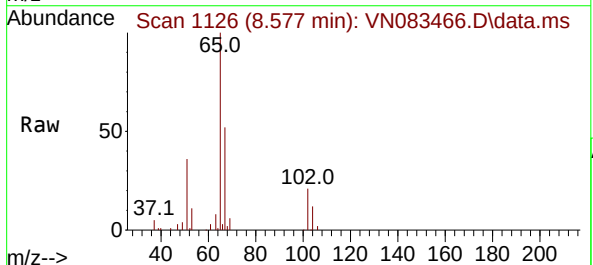
RT: 8.577 min Scan# 1126

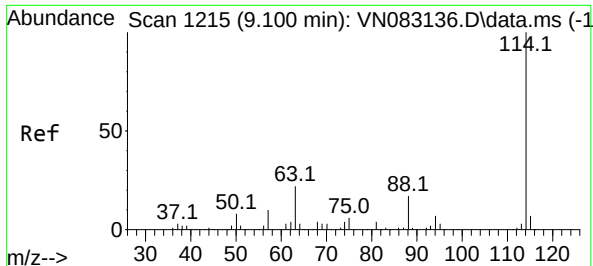
Delta R.T. -0.005 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

Tgt Ion:	65	Resp:	101494
Ion Ratio	100	Lower	Upper
65	100		
67	50.4	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VOA-240821073-02

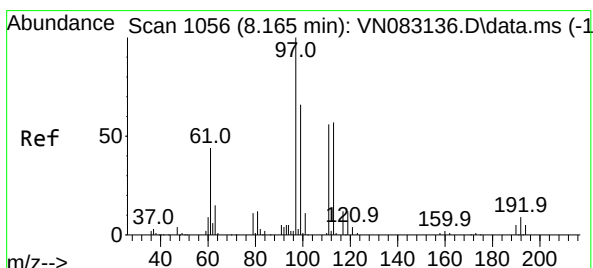
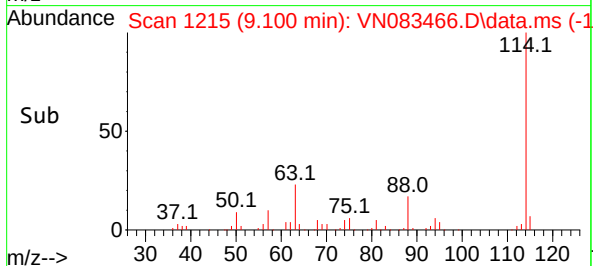
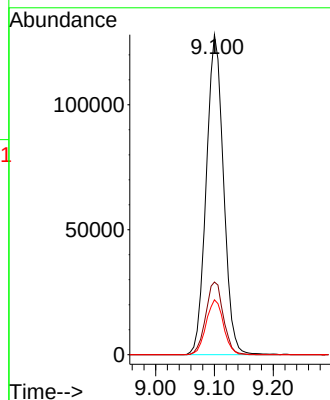
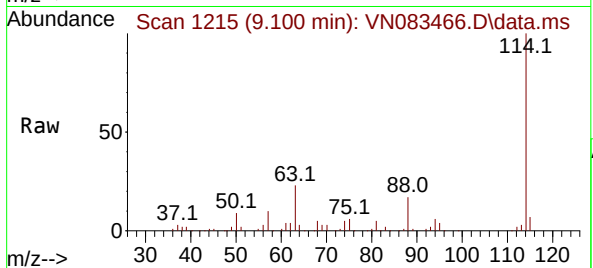
Tgt Ion:114 Resp: 261159
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.6
 88 17.2 0.0 31.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 08/26/2024



#35

Dibromofluoromethane

Concen: 48.887 ug/l

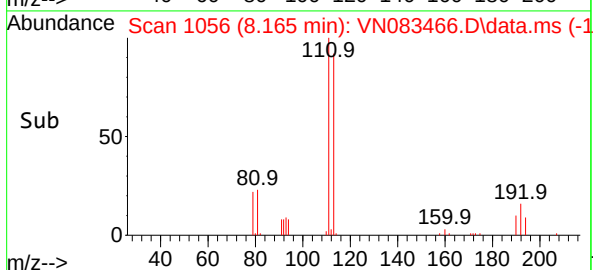
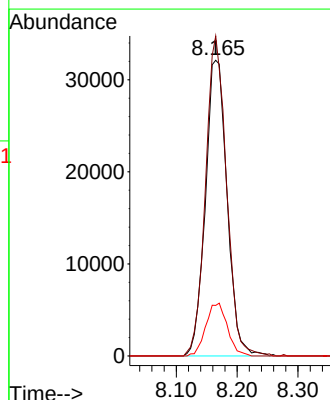
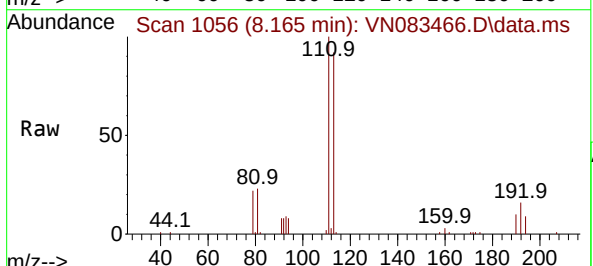
RT: 8.165 min Scan# 1056

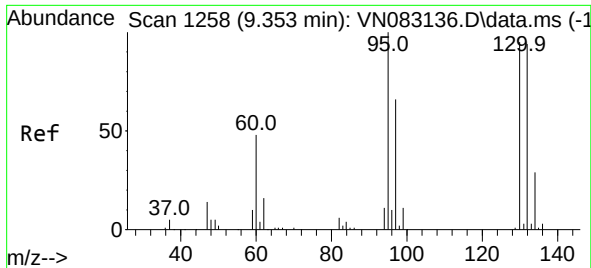
Delta R.T. -0.000 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

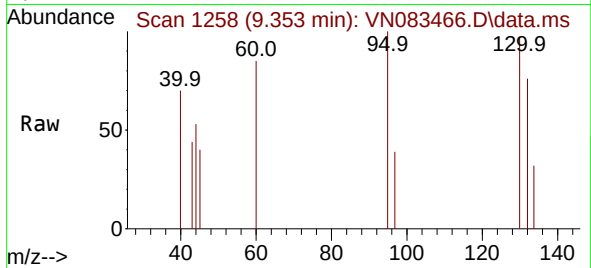
Tgt Ion:113 Resp: 79691
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.4 123.6
 192 17.7 14.9 22.3





#44
Trichloroethene
Concen: 0.324 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

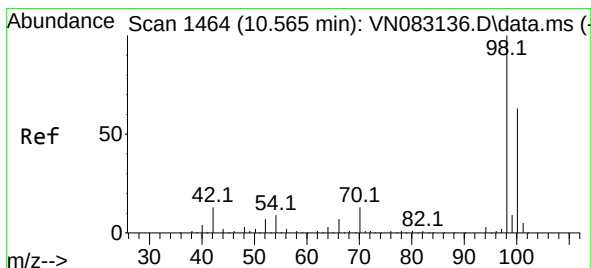
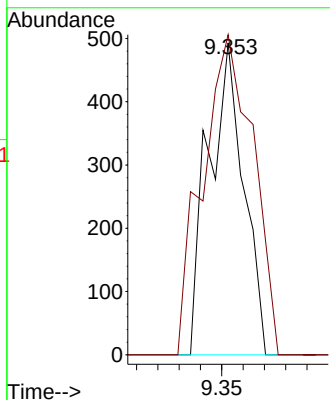
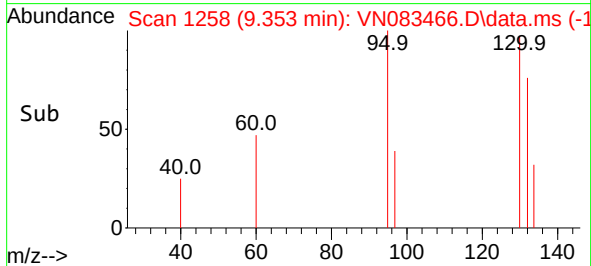
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VOA-240821073-02



Tgt Ion:130 Resp: 561
Ion Ratio Lower Upper
130 100
95 102.6 0.0 197.8

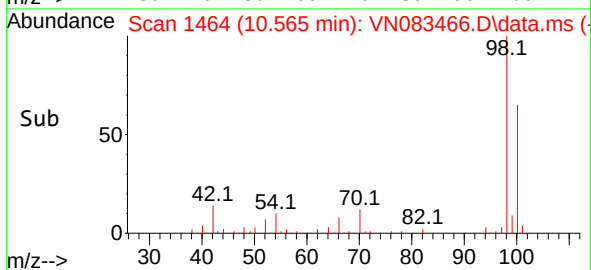
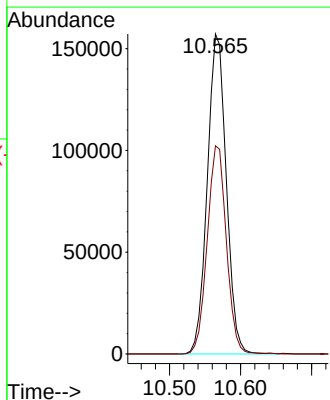
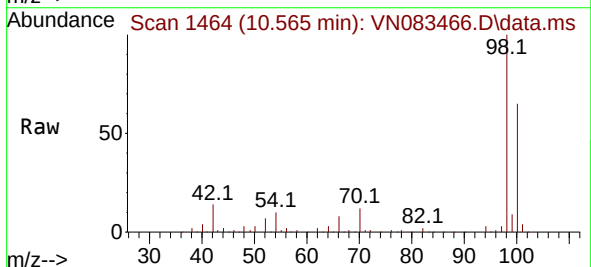
Manual Integrations
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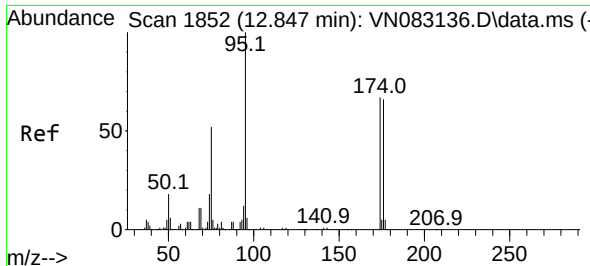
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

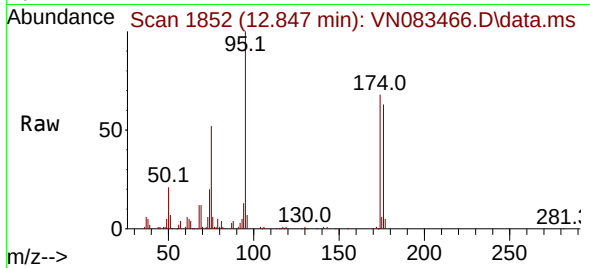
Tgt Ion: 98 Resp: 291528
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3





#62
4-Bromofluorobenzene
Concen: 56.183 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

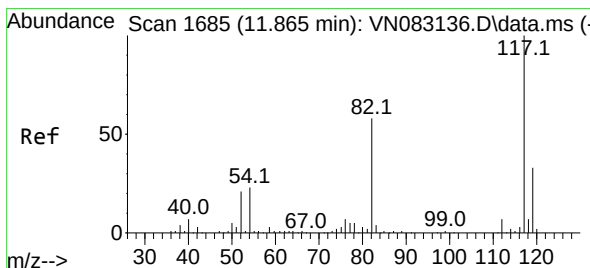
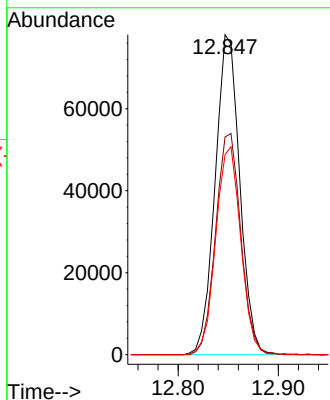
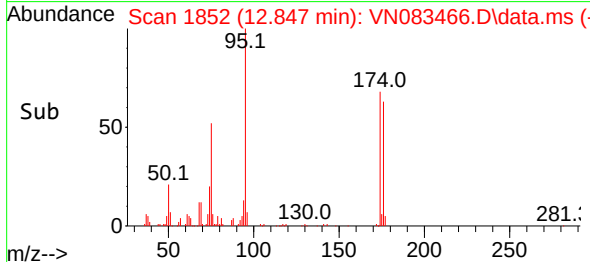
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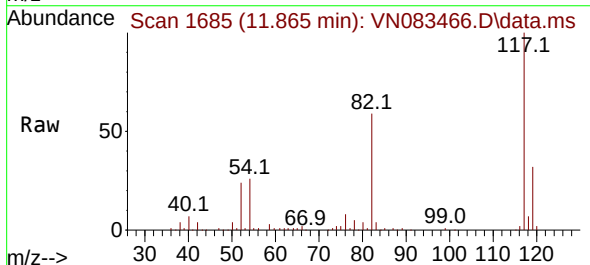
Tgt Ion: 95 Resp: 13318
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.2
176 66.0 0.0 147.6

Manual Integrations
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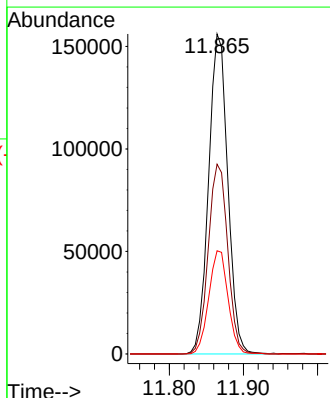
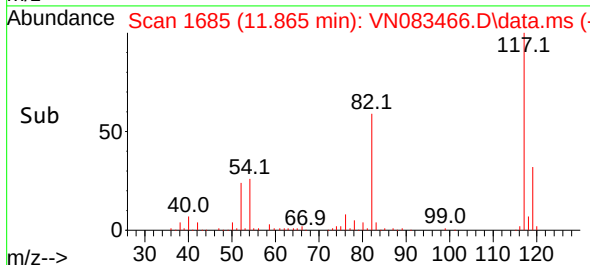
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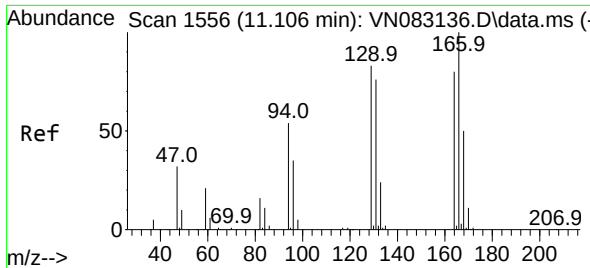


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32



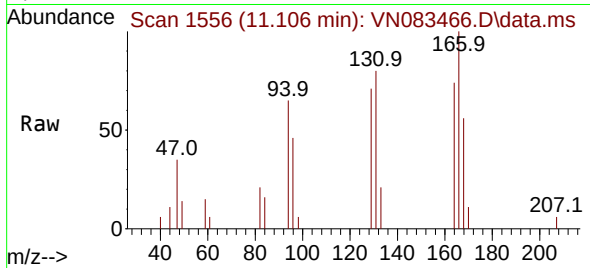
Tgt Ion:117 Resp: 279974
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 32.2 25.6 38.4





#64
Tetrachloroethene
Concen: 2.221 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

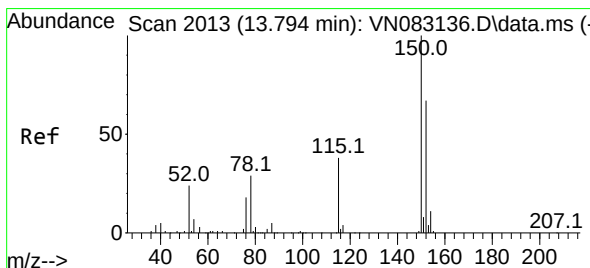
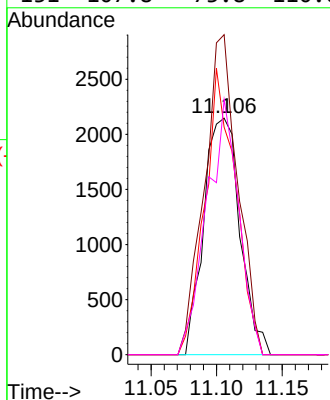
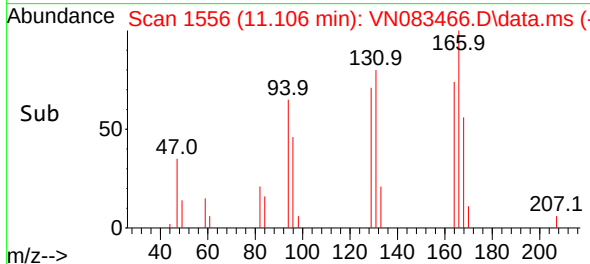
Instrument :
MSVOA_N
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VOA-240821073-02



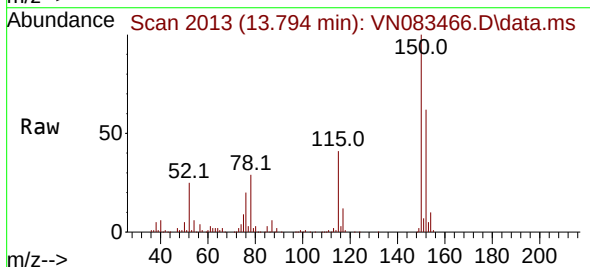
Tgt Ion:164 Resp: 4119
Ion Ratio Lower Upper
164 100
166 135.3 101.4 152.0
129 96.2 75.7 113.5
131 107.8 73.8 110.6

Manual Integrations
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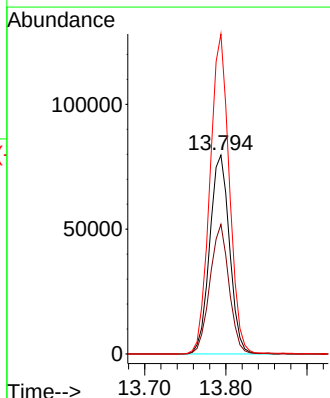
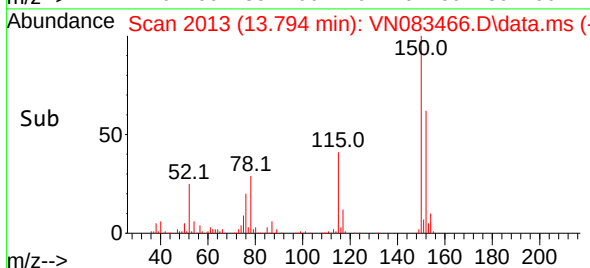
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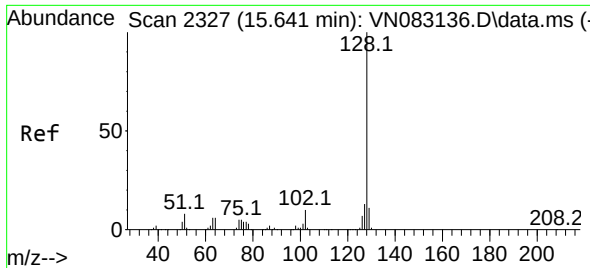


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32



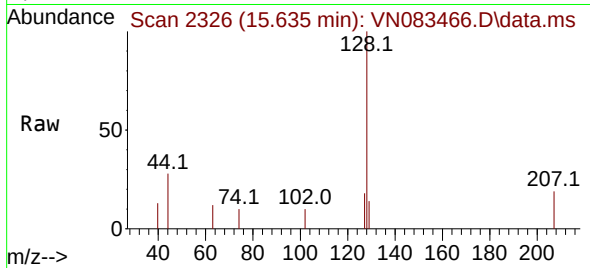
Tgt Ion:152 Resp: 134858
Ion Ratio Lower Upper
152 100
115 63.0 30.6 91.6
150 157.8 0.0 348.6





#95
Naphthalene
Concen: 0.367 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02



Tgt Ion:128 Resp: 3324
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 4.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

