

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085041.D
 Acq On : 26 Nov 2024 14:32
 Operator : JC\MD
 Sample : P4845-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-11R-20241112

Quant Time: Nov 27 08:34:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118735	52.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	8.159	113	95126	51.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.480%			
50) Toluene-d8	10.565	98	315562	47.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.860%			
62) 4-Bromofluorobenzene	12.847	95	112193	45.091	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.180%			
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	2511	3.839	ug/l #	77
30) Chloroform	7.953	83	3384	0.936	ug/l #	71
38) Carbon Tetrachloride	8.359	117	13318	4.588	ug/l	90
44) Trichloroethene	9.353	130	1300	0.703	ug/l	70
87) 1,3-Dichlorobenzene	13.729	146	766	0.204	ug/l	93
88) 1,4-Dichlorobenzene	13.806	146	1126m	0.295	ug/l	
93) 1,2,4-Trichlorobenzene	15.394	180	715	0.367	ug/l #	80
95) Naphthalene	15.641	128	1921	0.346	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.847	180	901	0.484	ug/l	89

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

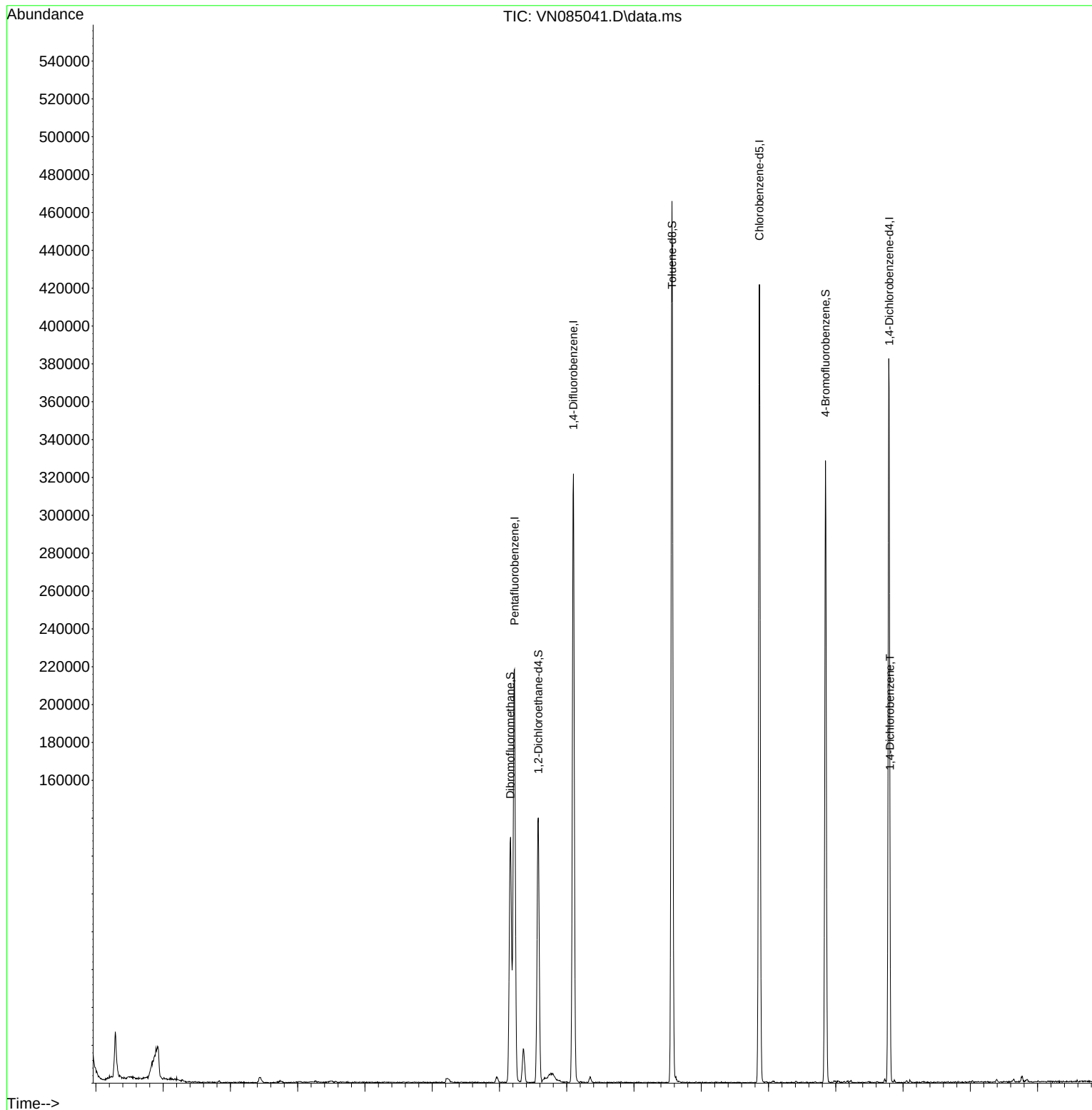
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
Data File : VN085041.D
Acq On : 26 Nov 2024 14:32
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ALS Vial : 8 Sample Multiplier: 1

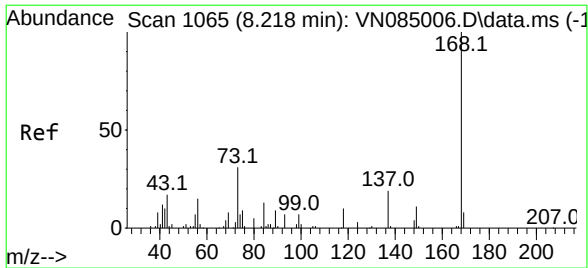
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112

Quant Time: Nov 27 08:34:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

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APPROVED

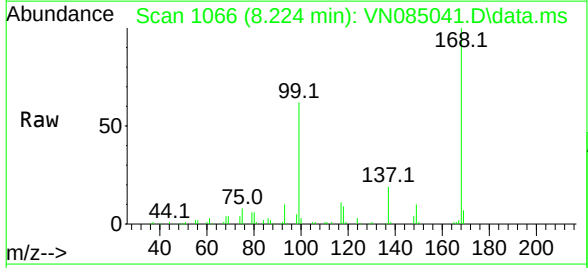
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

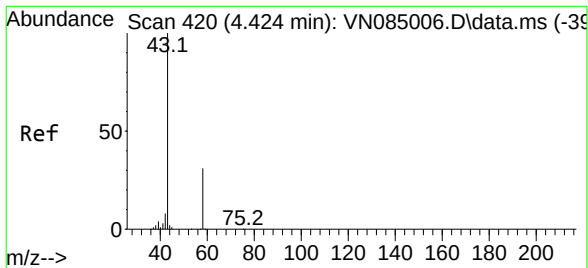
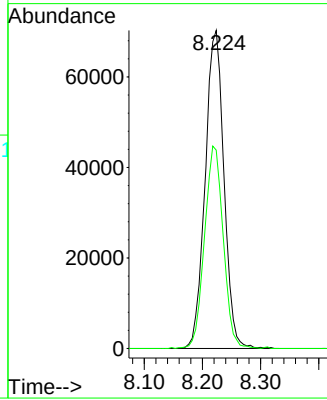
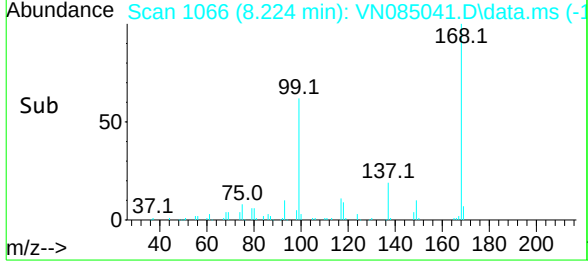
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



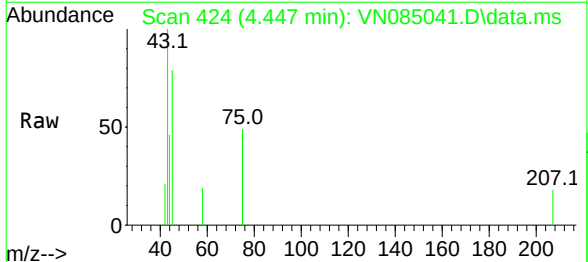
Tgt Ion: 168 Resp: 157662
Ion Ratio Lower Upper
168 100
99 62.4 51.2 76.8

Manual Integrations
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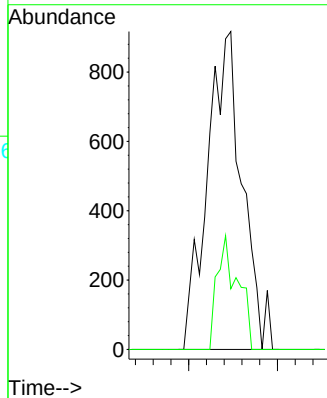
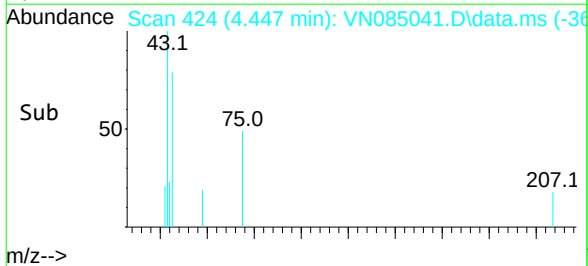
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

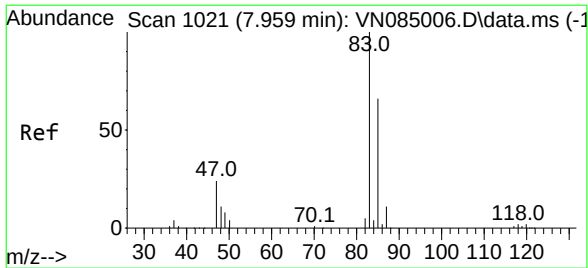


#16
Acetone
Concen: 3.839 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32



Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 19.1 25.4 38.2#





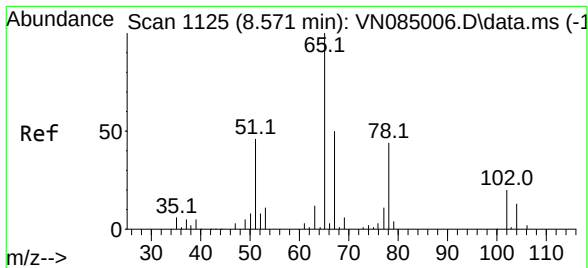
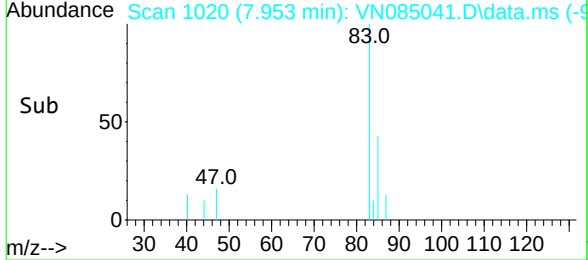
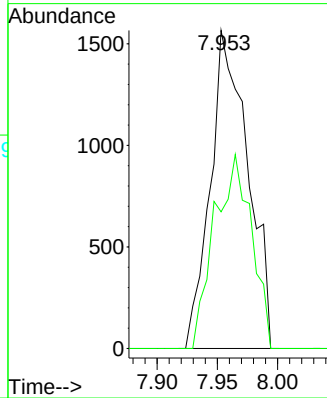
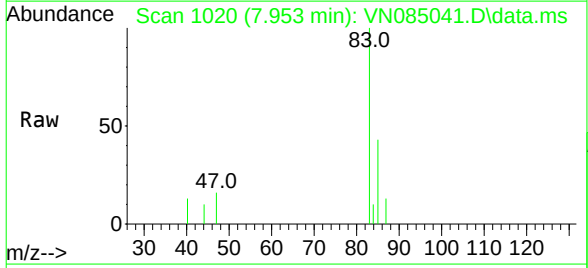
#30
Chloroform
Concen: 0.936 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

Instrument : MSVOA_N
ClientSampleId : FSND-MW-11R-20241112

Tgt Ion: 83 Resp: 3384
Ion Ratio Lower Upper
83 100
85 43.0 52.6 78.8#

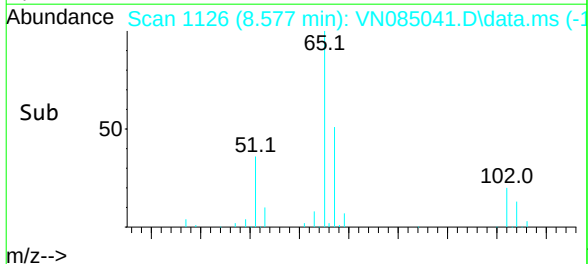
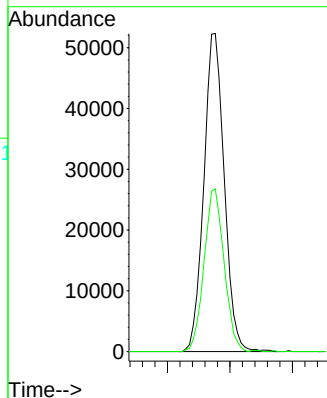
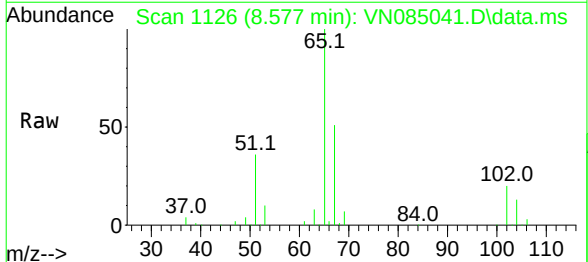
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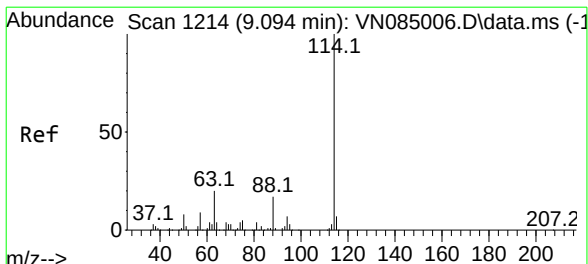
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#33
1,2-Dichloroethane-d4
Concen: 52.870 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

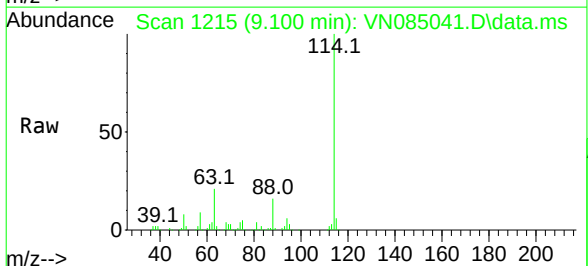
Tgt Ion: 65 Resp: 118735
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085041.D
 Acq: 26 Nov 2024 14:32

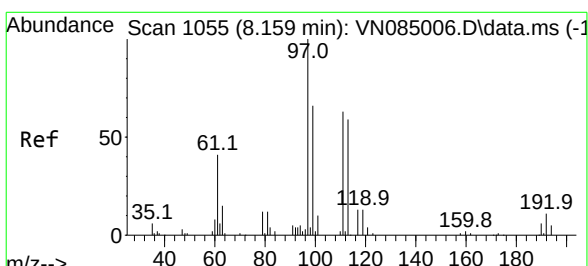
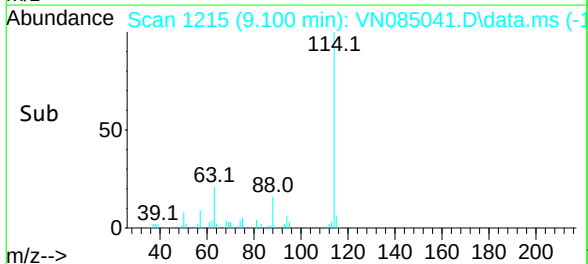
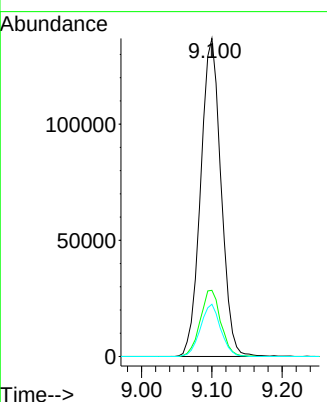
Instrument : MSVOA_N
 ClientSampleId : FSND-MW-11R-20241112



Tgt Ion: 114 Resp: 275299

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.0
88	16.4	0.0	34.8

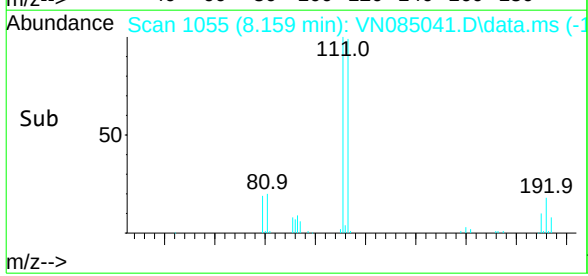
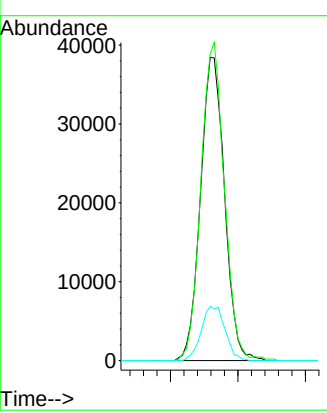
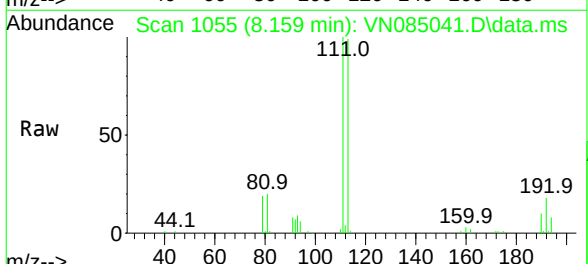
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 Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

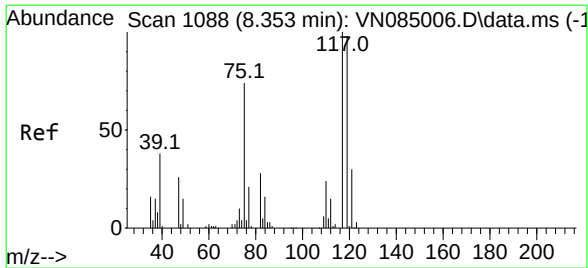


#35
 Dibromofluoromethane
 Concen: 51.239 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085041.D
 Acq: 26 Nov 2024 14:32

Tgt Ion: 113 Resp: 95126

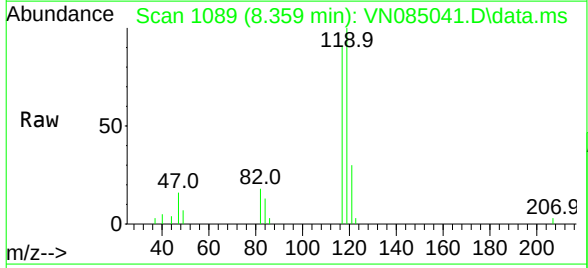
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	17.8	14.8	22.2





#38
Carbon Tetrachloride
Concen: 4.588 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

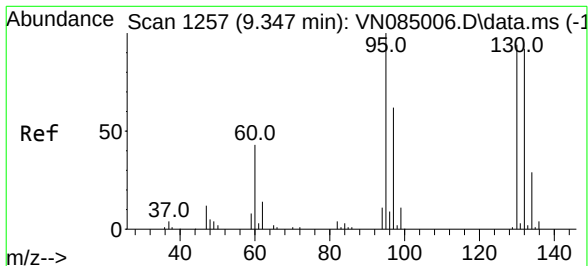
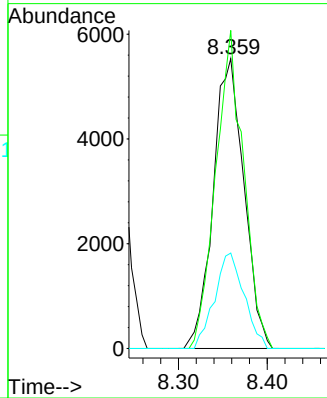
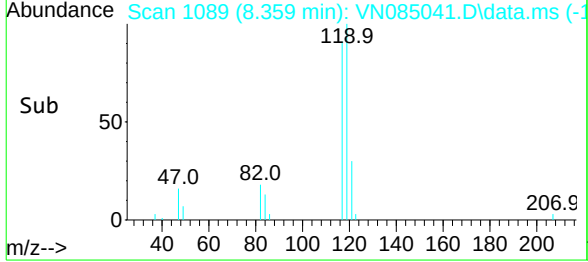
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



Tgt Ion:117 Resp: 13318
Ion Ratio Lower Upper
117 100
119 109.7 78.6 117.8
121 32.9 24.2 36.2

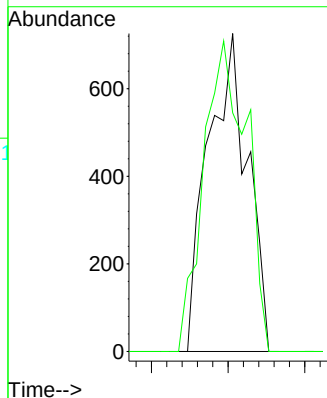
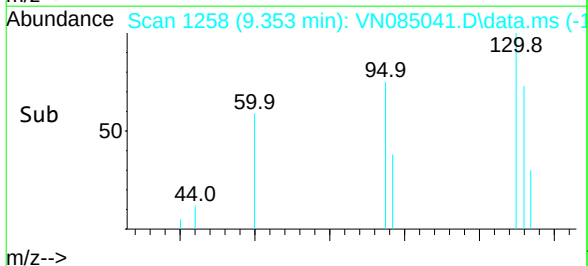
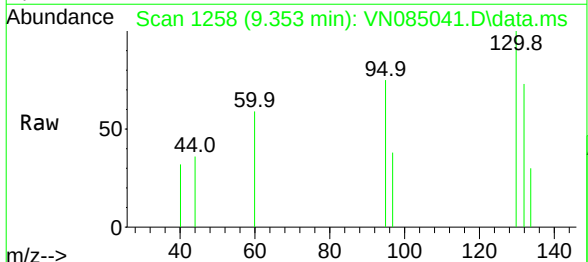
Manual Integrations
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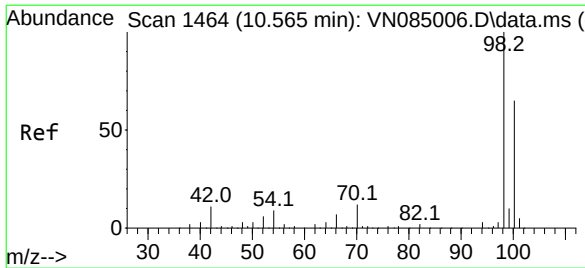
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#44
Trichloroethene
Concen: 0.703 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

Tgt Ion:130 Resp: 1300
Ion Ratio Lower Upper
130 100
95 75.1 0.0 213.4





#50

Toluene-d8

Concen: 47.429 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085041.D

Acq: 26 Nov 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-11R-20241112

Tgt Ion: 98 Resp: 315562

Ion Ratio Lower Upper

98 100

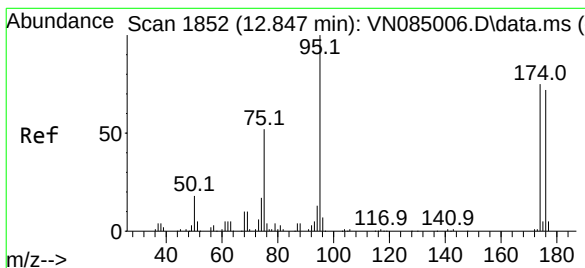
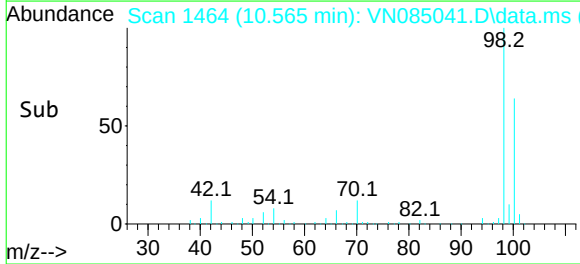
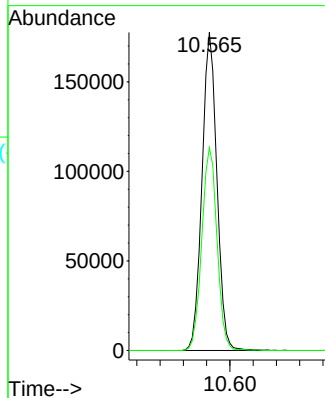
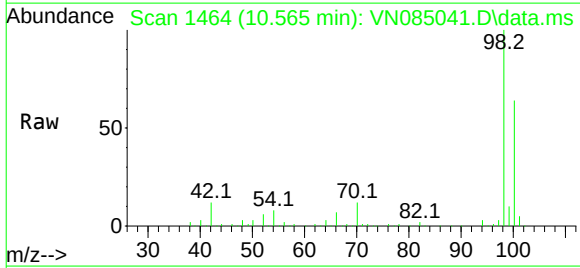
100 65.3 52.5 78.7

Manual Integrations

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Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#62

4-Bromofluorobenzene

Concen: 45.091 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085041.D

Acq: 26 Nov 2024 14:32

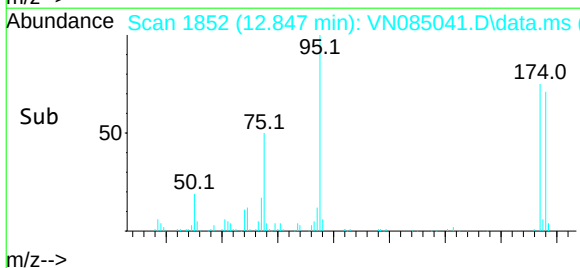
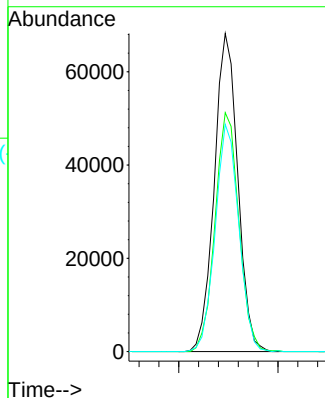
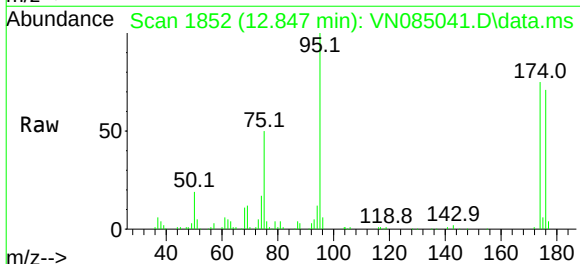
Tgt Ion: 95 Resp: 112193

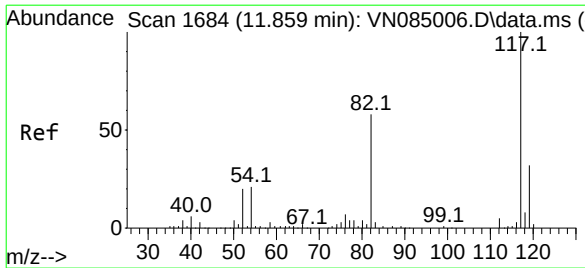
Ion Ratio Lower Upper

95 100

174 76.1 0.0 146.6

176 71.7 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085041.D

Acq: 26 Nov 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-11R-20241112

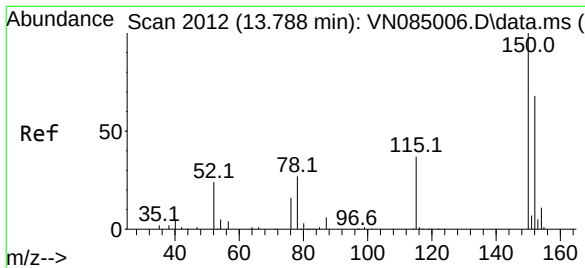
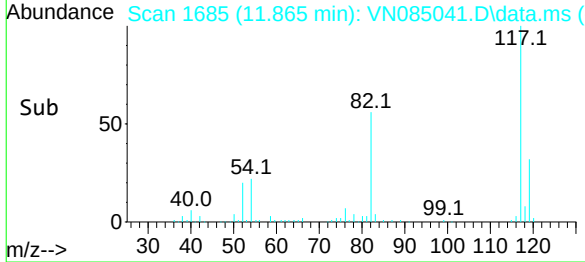
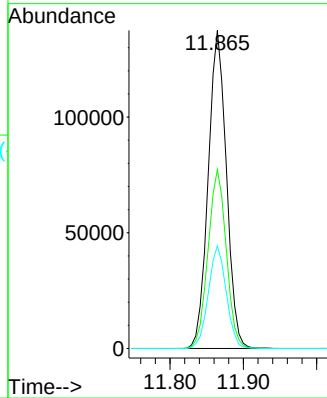
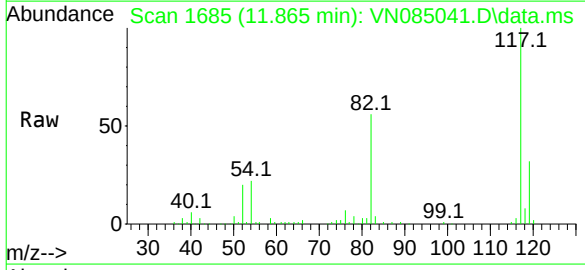
Tgt Ion:	117	Resp:	237019
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.0	69.0
119	32.3	25.6	38.4

Manual Integrations

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Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

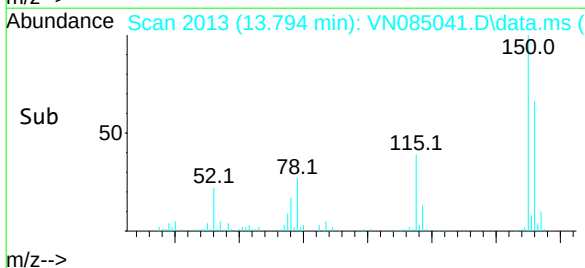
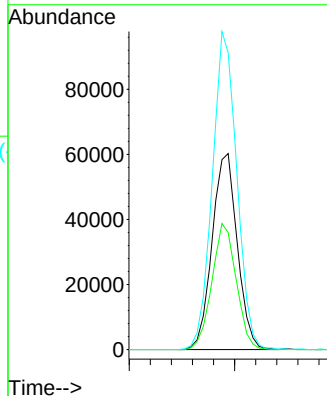
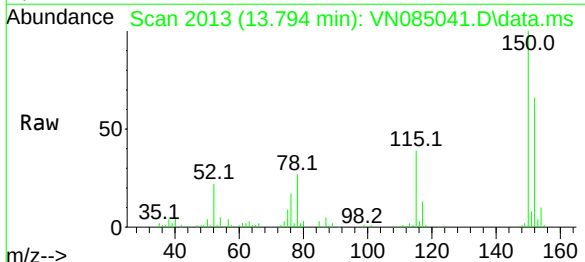
RT: 13.794 min Scan# 2013

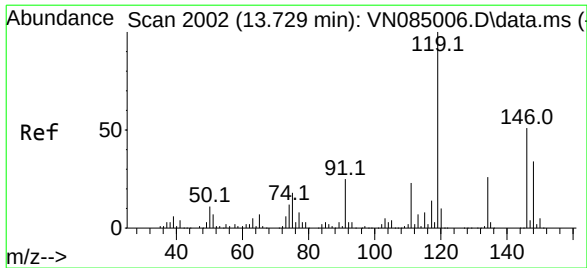
Delta R.T. 0.006 min

Lab File: VN085041.D

Acq: 26 Nov 2024 14:32

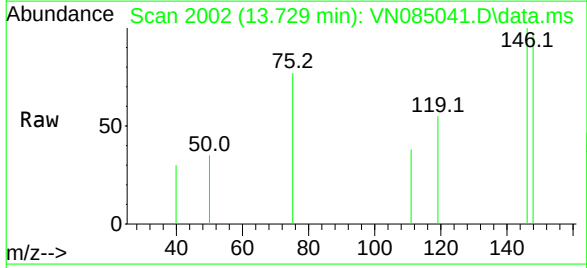
Tgt Ion:	152	Resp:	100055
Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.7	95.1
150	157.9	0.0	351.4





#87
1,3-Dichlorobenzene
Concen: 0.204 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

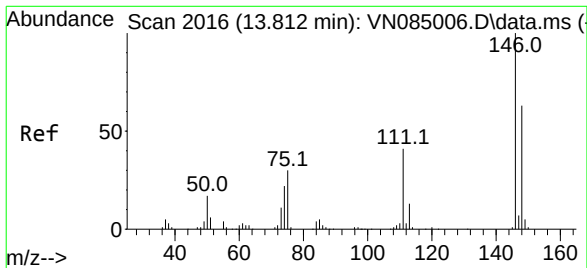
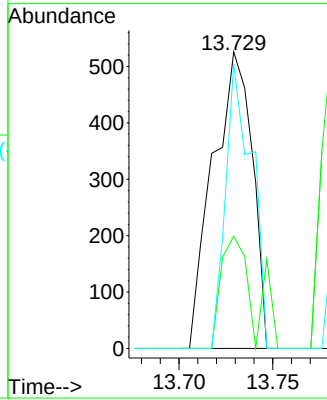
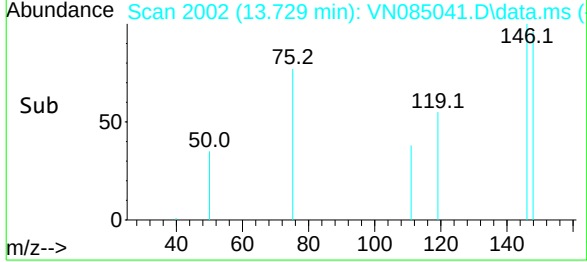
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



Tgt Ion:	146	Resp:	766
Ion	Ratio	Lower	Upper
146	100		
111	31.5	21.6	65.0
148	64.4	32.2	96.6

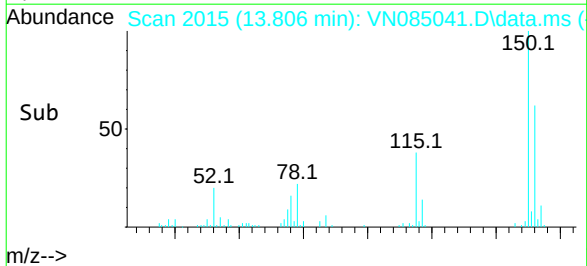
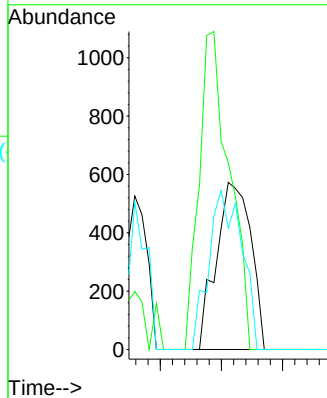
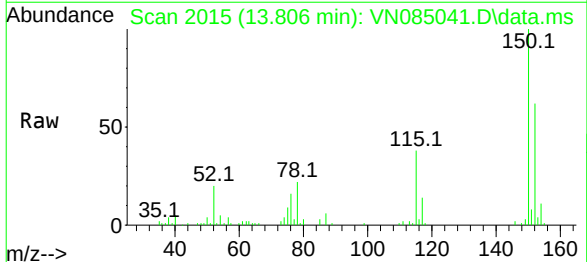
Manual Integrations
APPROVED

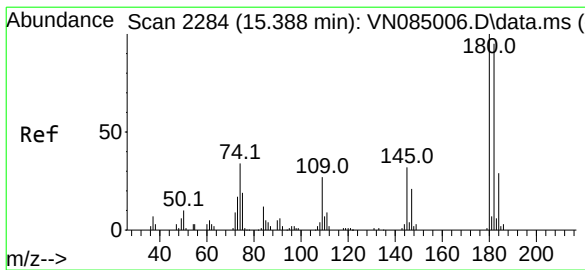
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#88
1,4-Dichlorobenzene
Concen: 0.295 ug/l m
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

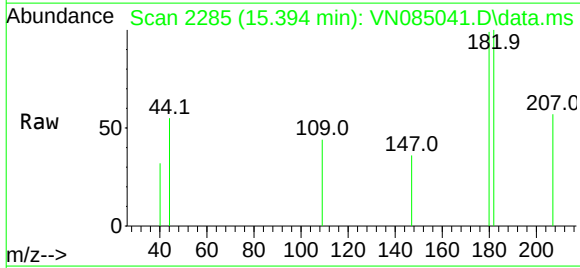
Tgt Ion:	146	Resp:	1126
Ion	Ratio	Lower	Upper
146	100		
111	21.4	20.9	62.8
148	43.8	31.3	93.9





#93
1,2,4-Trichlorobenzene
Concen: 0.367 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32

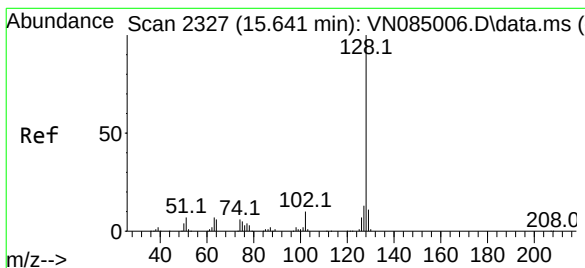
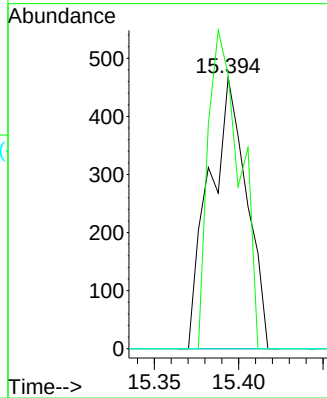
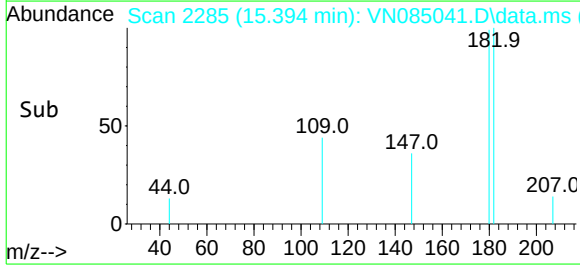
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



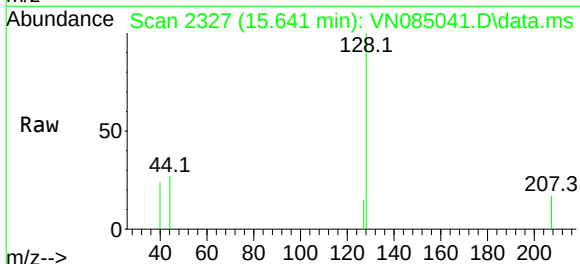
Tgt Ion:180 Resp: 715
Ion Ratio Lower Upper
180 100
182 100.3 46.9 140.8
145 0.0 16.3 48.8#

Manual Integrations
APPROVED

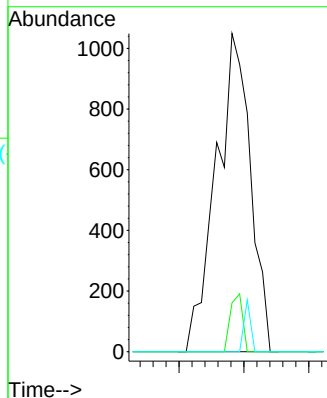
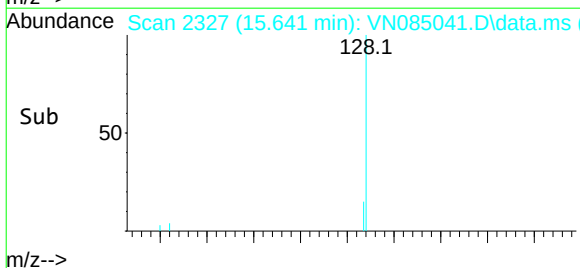
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

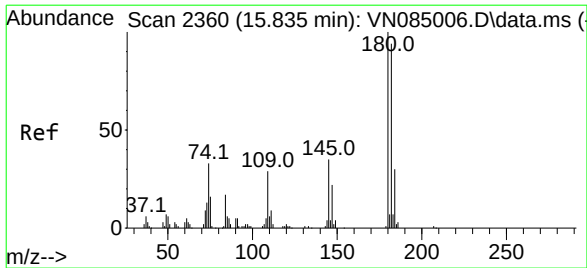


#95
Naphthalene
Concen: 0.346 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085041.D
Acq: 26 Nov 2024 14:32



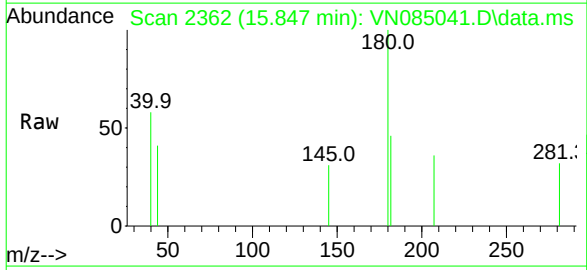
Tgt Ion:128 Resp: 1921
Ion Ratio Lower Upper
128 100
127 6.5 10.6 16.0#
129 3.1 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.484 ug/l
 RT: 15.847 min Scan# 23
 Delta R.T. 0.012 min
 Lab File: VN085041.D
 Acq: 26 Nov 2024 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-11R-20241112



Tgt Ion:	180	Resp:	901
Ion Ratio	Lower	Upper	
180	100		
182	87.1	46.4	139.2
145	20.2	17.3	52.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024

