

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085017.D
 Acq On : 22 Nov 2024 19:41
 Operator : JC\MD
 Sample : P4845-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 23 03:26:12 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 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	171347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	300993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124562	51.035	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.080%			
35) Dibromofluoromethane	8.159	113	99740	49.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.280%			
50) Toluene-d8	10.565	98	351405	48.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.620%			
62) 4-Bromofluorobenzene	12.847	95	127947	47.033	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.060%			
Target Compounds						
16) Acetone	4.447	43	2558m	3.599	ug/l	Qvalue
30) Chloroform	7.953	83	3297	0.839	ug/l	98
38) Carbon Tetrachloride	8.365	117	13585	4.281	ug/l	97
44) Trichloroethene	9.347	130	2979	1.474	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	1251	0.280	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	1994m	0.437	ug/l	
91) 1,2-Dichlorobenzene	14.100	146	1191	0.278	ug/l	68
93) 1,2,4-Trichlorobenzene	15.388	180	1106	0.476	ug/l	90
95) Naphthalene	15.641	128	2856	0.431	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.835	180	1302	0.587	ug/l #	84

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

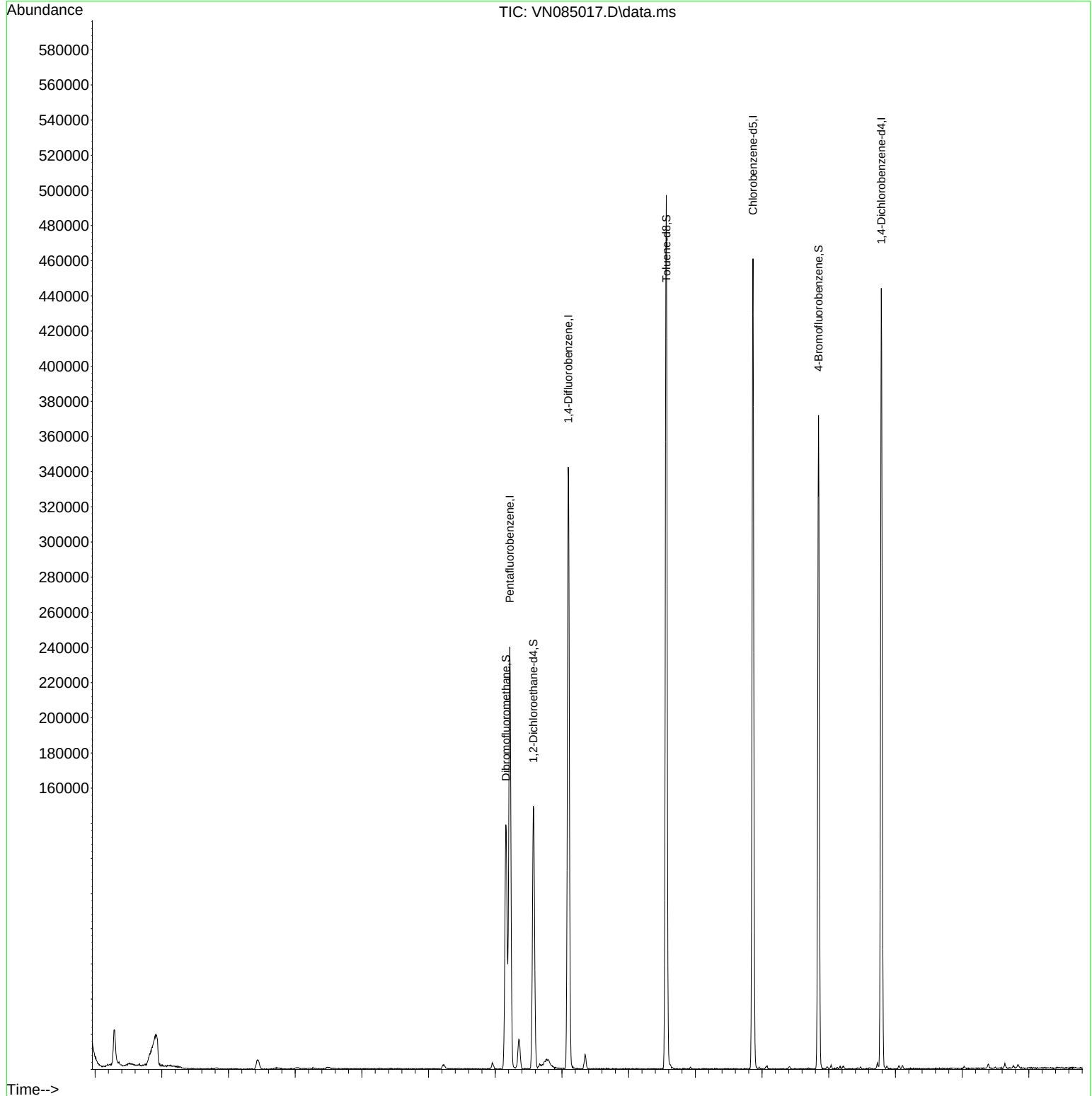
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
Data File : VN085017.D
Acq On : 22 Nov 2024 19:41
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Sample : P4845-22
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

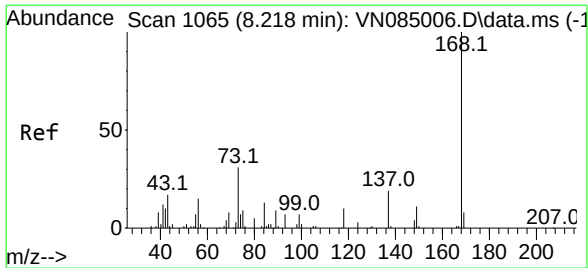
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112

Quant Time: Nov 23 03:26:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
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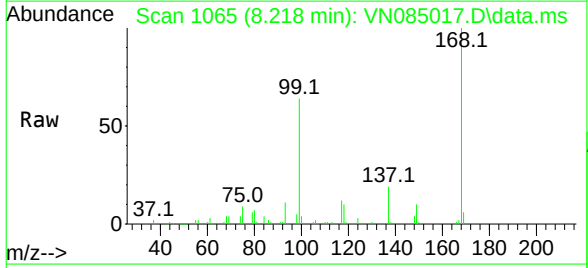
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

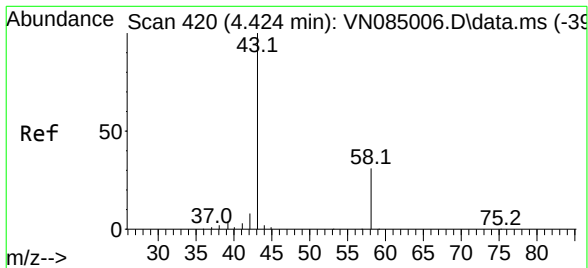
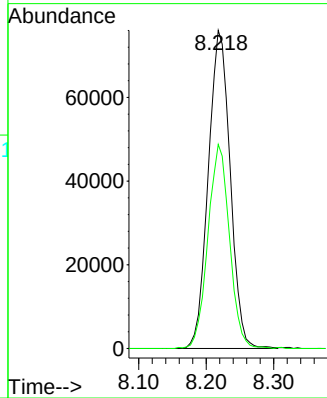
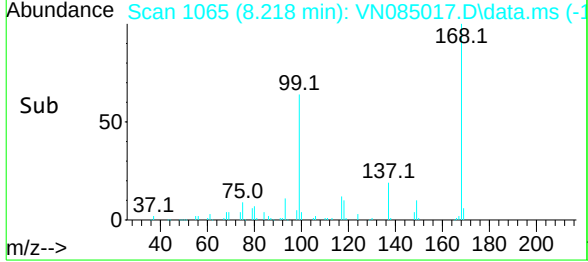
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



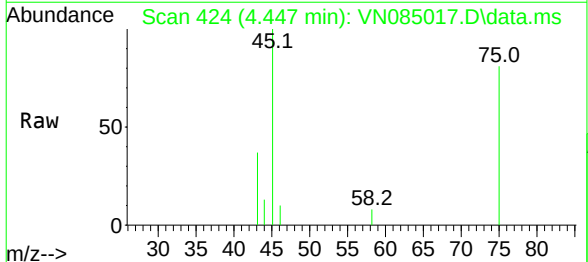
Tgt Ion: 168 Resp: 171347
Ion Ratio Lower Upper
168 100
99 63.9 51.2 76.8

Manual Integrations
APPROVED

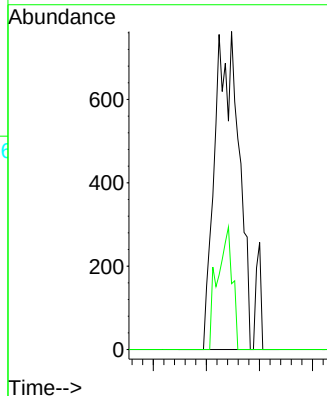
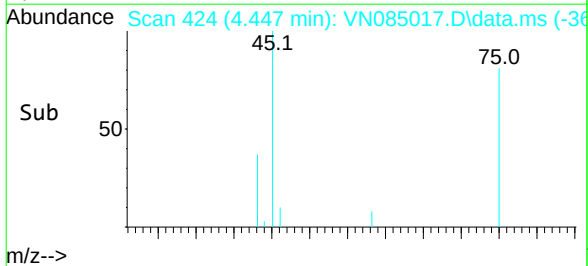
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

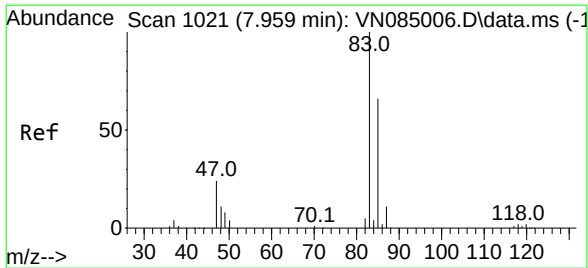


#16
Acetone
Concen: 3.599 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41



Tgt Ion: 43 Resp: 2558
Ion Ratio Lower Upper
43 100
58 20.7 25.4 38.2#





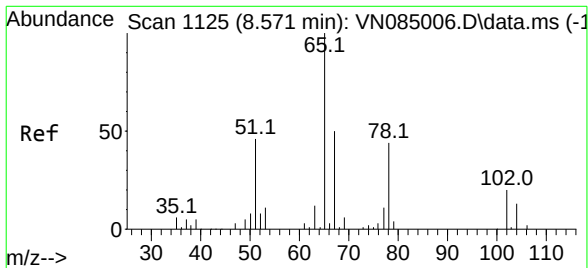
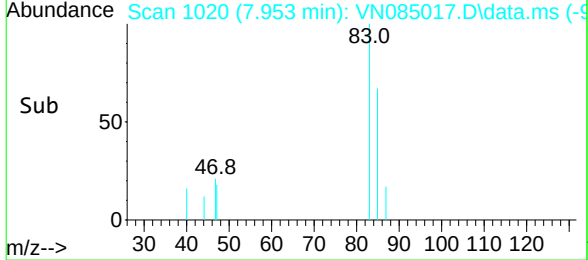
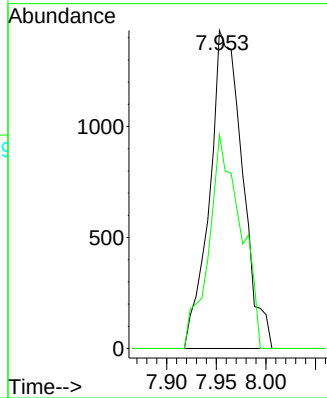
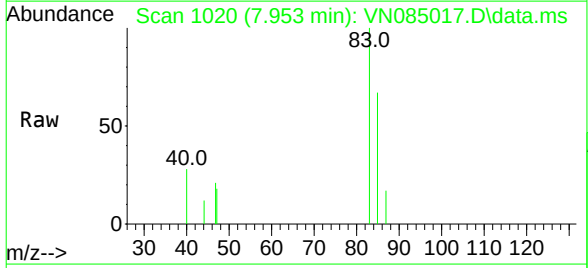
#30
Chloroform
Concen: 0.839 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

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

Tgt Ion: 83 Resp: 3297
Ion Ratio Lower Upper
83 100
85 67.1 52.6 78.8

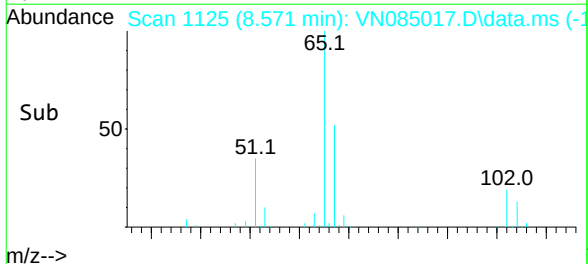
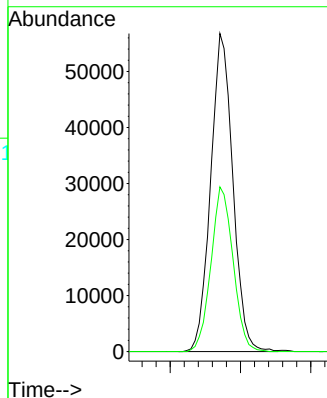
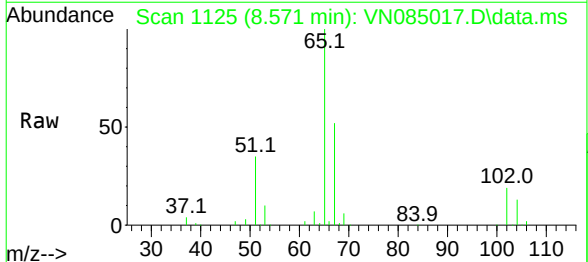
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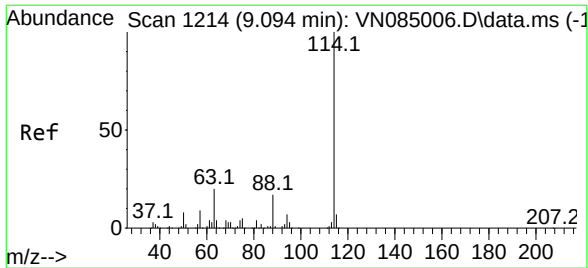
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#33
1,2-Dichloroethane-d4
Concen: 51.035 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

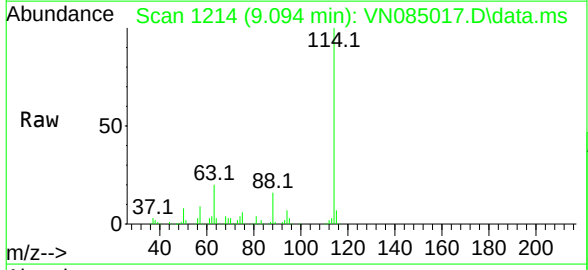
Tgt Ion: 65 Resp: 124562
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

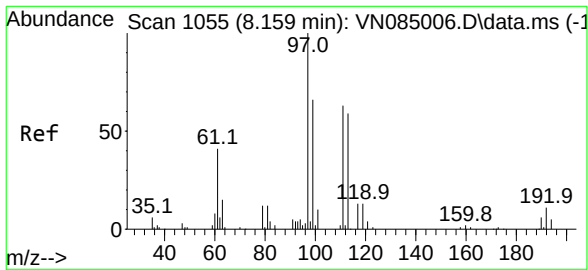
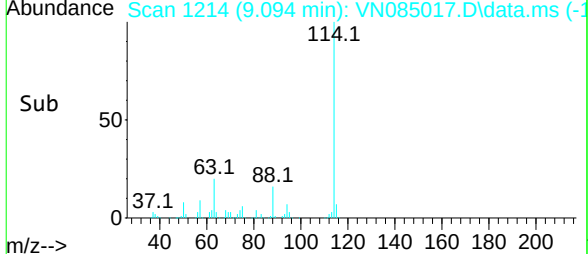
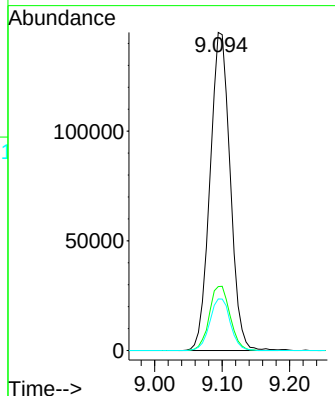
Instrument : MSVOA_N
ClientSampleId : FSND-MW-11R-20241112



Tgt Ion:	114	Resp:	300993
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.0
88	16.2	0.0	34.8

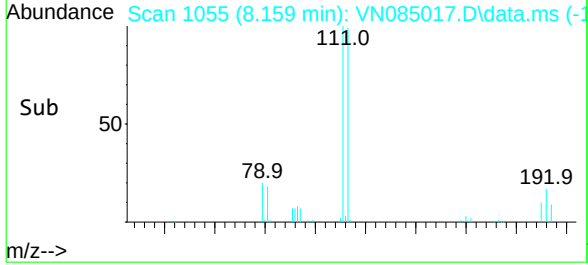
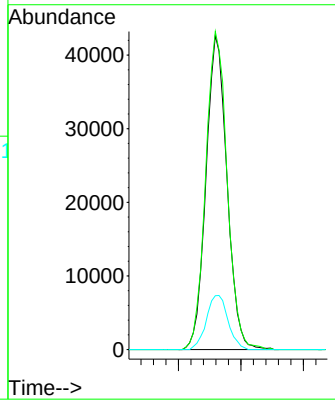
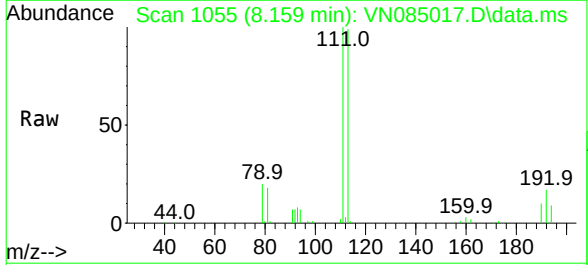
Manual Integrations
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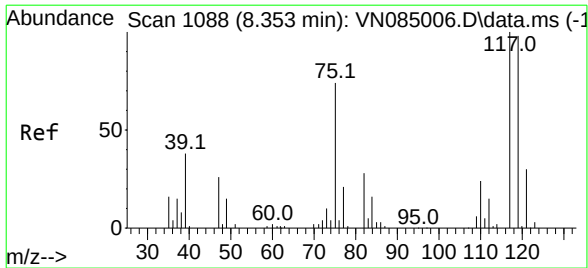
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#35
Dibromofluoromethane
Concen: 49.138 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

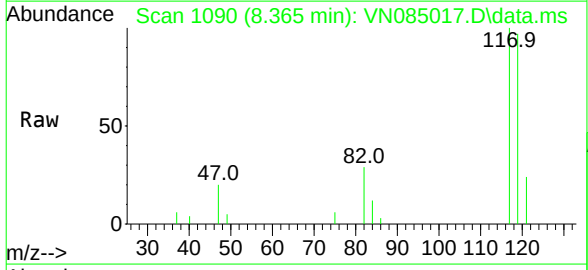
Tgt Ion:	113	Resp:	99740
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	17.7	14.8	22.2





#38
Carbon Tetrachloride
Concen: 4.281 ug/l
RT: 8.365 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

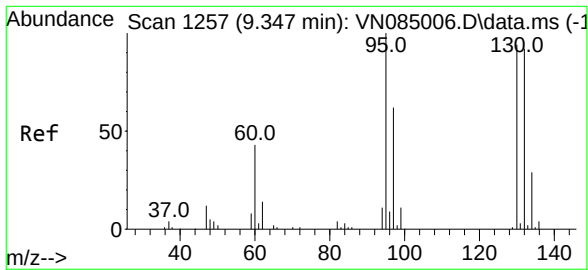
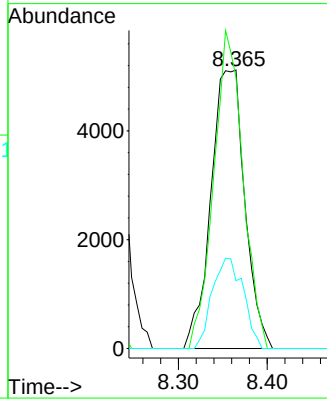
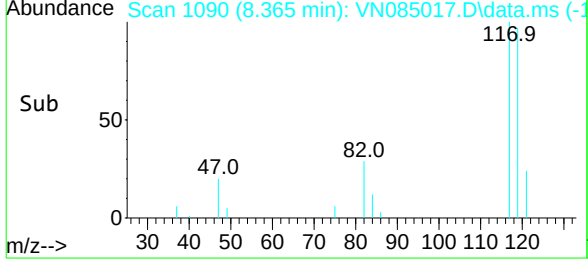
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



Tgt Ion:117 Resp: 13585
Ion Ratio Lower Upper
117 100
119 97.4 78.6 117.8
121 24.4 24.2 36.2

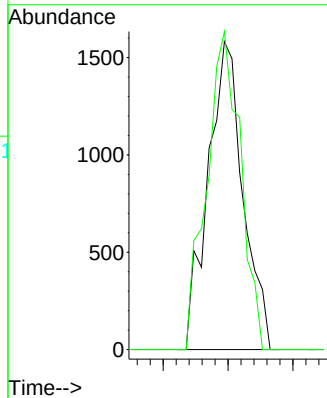
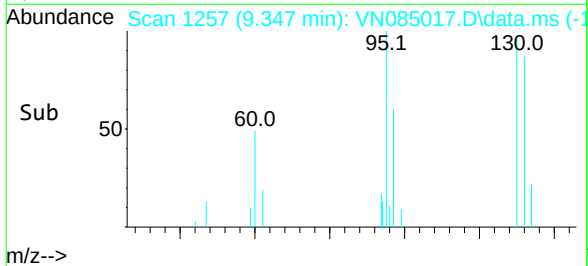
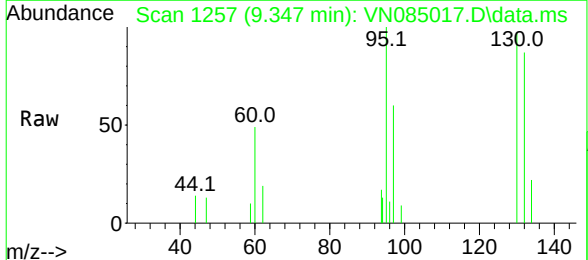
Manual Integrations
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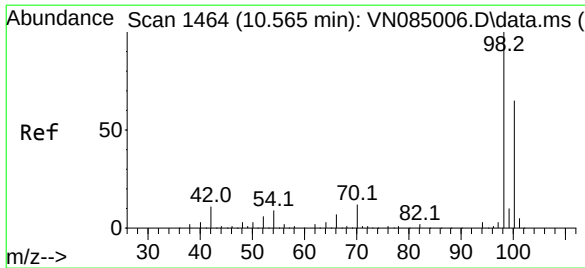
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#44
Trichloroethene
Concen: 1.474 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

Tgt Ion:130 Resp: 2979
Ion Ratio Lower Upper
130 100
95 103.3 0.0 213.4





#50

Toluene-d8

Concen: 48.308 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085017.D

Acq: 22 Nov 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-11R-20241112

Tgt Ion: 98 Resp: 351405

Ion Ratio Lower Upper

98 100

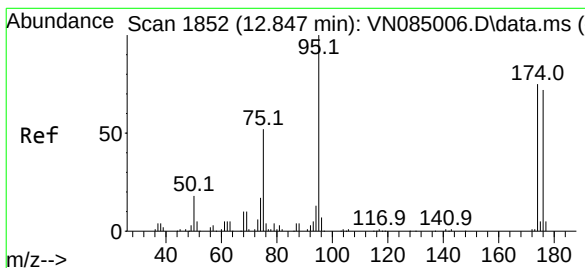
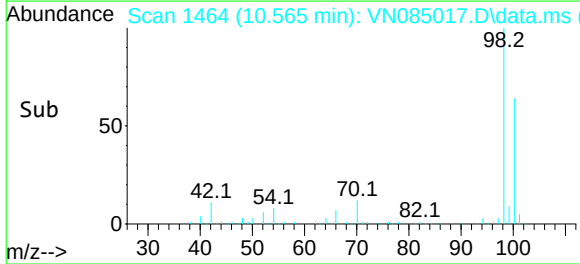
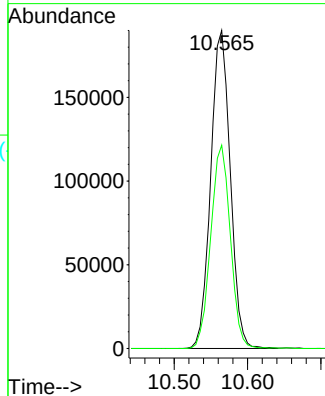
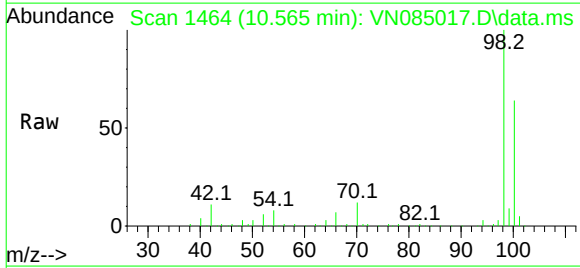
100 64.2 52.5 78.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#62

4-Bromofluorobenzene

Concen: 47.033 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085017.D

Acq: 22 Nov 2024 19:41

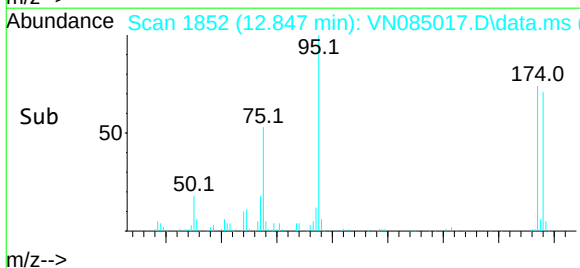
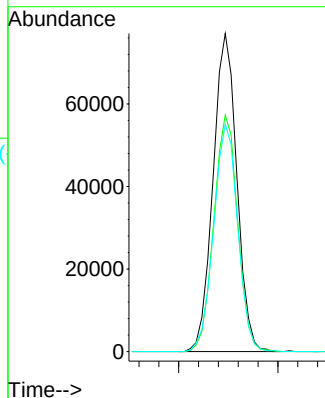
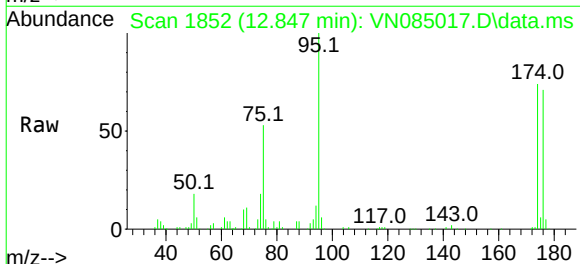
Tgt Ion: 95 Resp: 127947

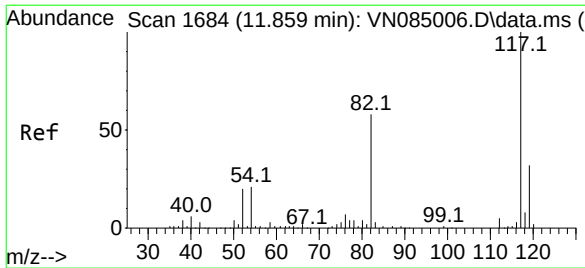
Ion Ratio Lower Upper

95 100

174 74.7 0.0 146.6

176 72.4 0.0 141.8





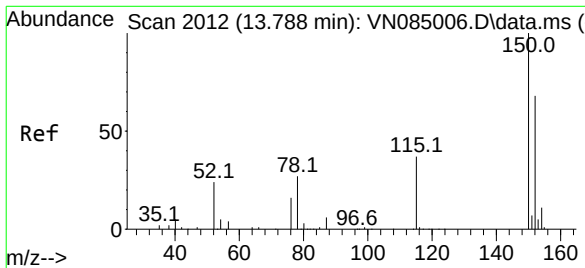
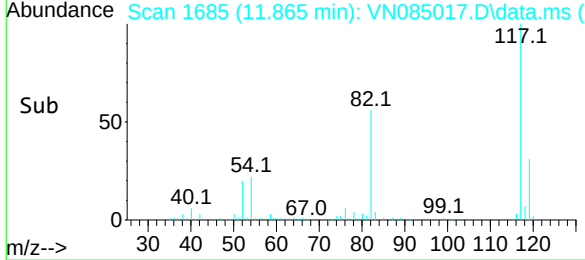
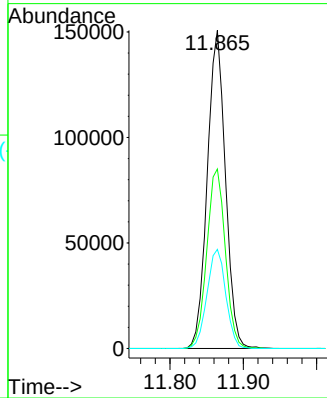
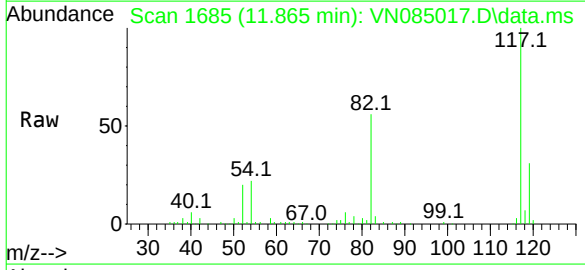
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

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

Tgt Ion:117 Resp: 258728
Ion Ratio Lower Upper
117 100
82 56.4 46.0 69.0
119 31.2 25.6 38.4

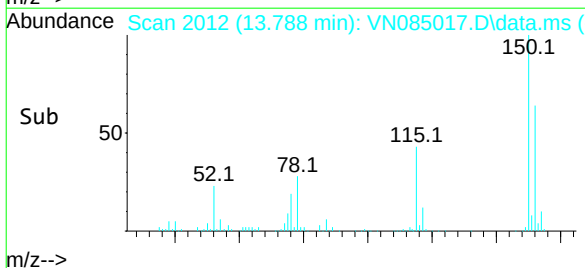
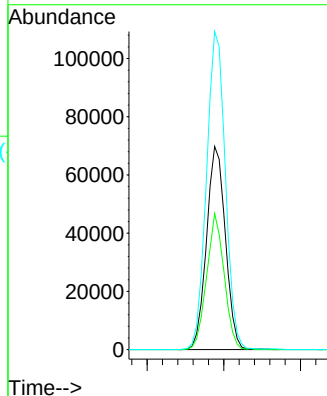
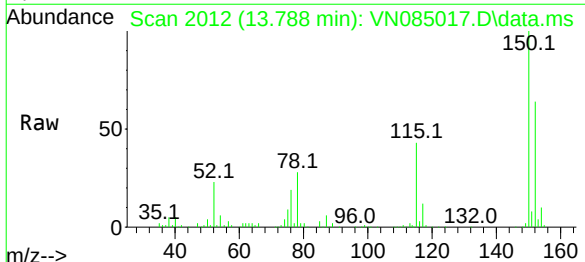
Manual Integrations
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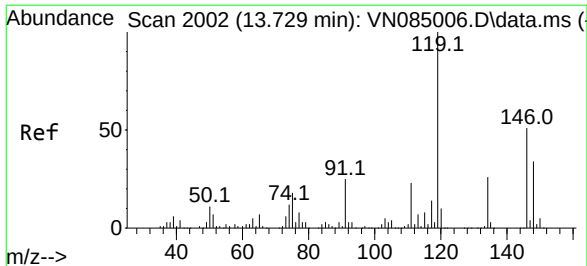
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

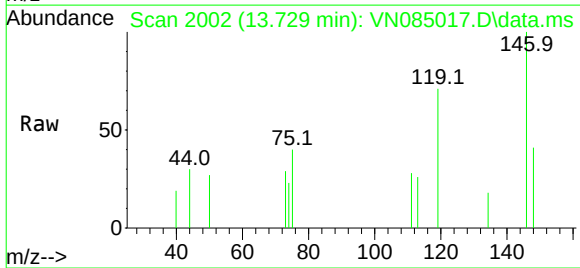
Tgt Ion:152 Resp: 119305
Ion Ratio Lower Upper
152 100
115 62.2 31.7 95.1
150 156.4 0.0 351.4





#87
1,3-Dichlorobenzene
Concen: 0.280 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

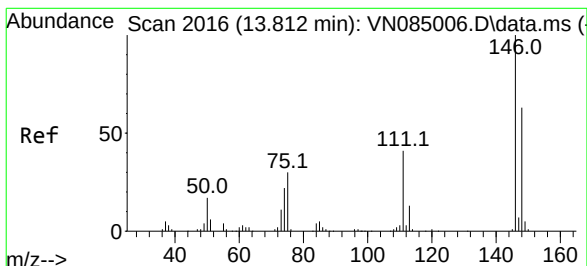
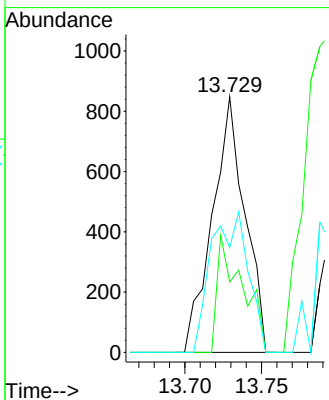
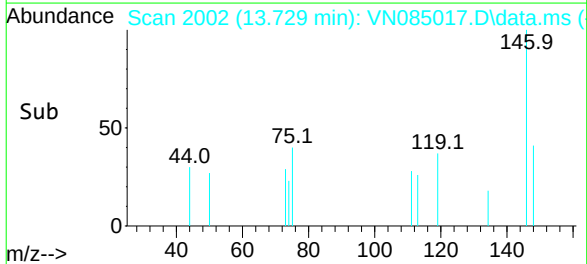
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



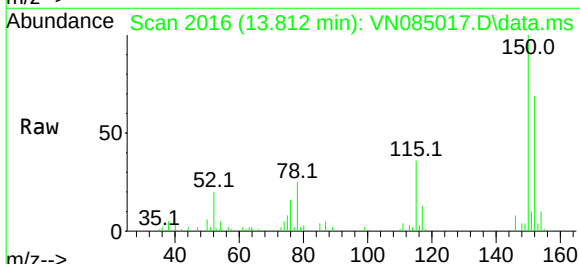
Tgt	Ion:146	Resp:	1251
Ion	Ratio	Lower	Upper
146	100		
111	35.5	21.6	65.0
148	62.3	32.2	96.6

Manual Integrations
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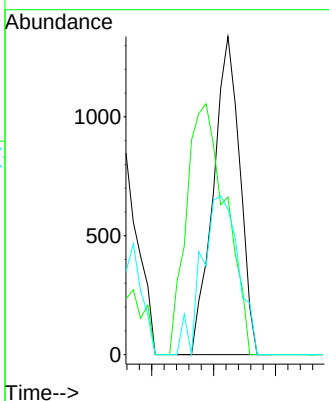
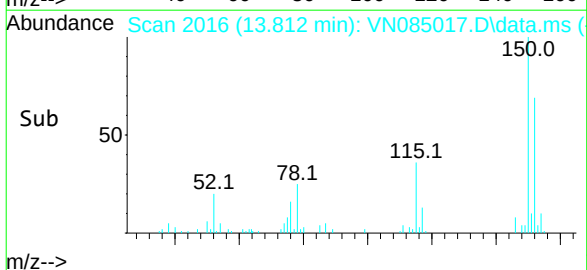
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

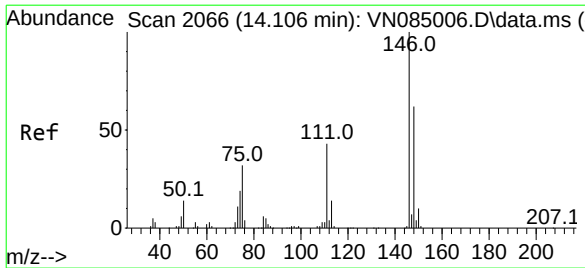


#88
1,4-Dichlorobenzene
Concen: 0.437 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41



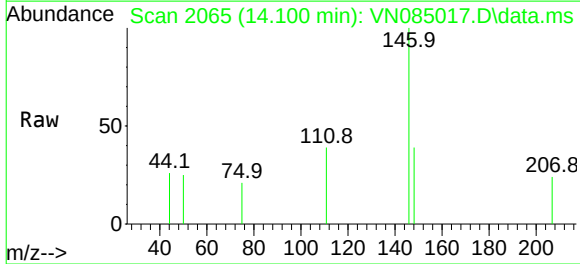
Tgt	Ion:146	Resp:	1994
Ion	Ratio	Lower	Upper
146	100		
111	22.3	20.9	62.8
148	39.1	31.3	93.9





#91
1,2-Dichlorobenzene
Concen: 0.278 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41

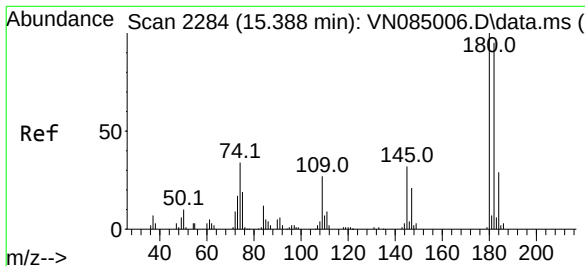
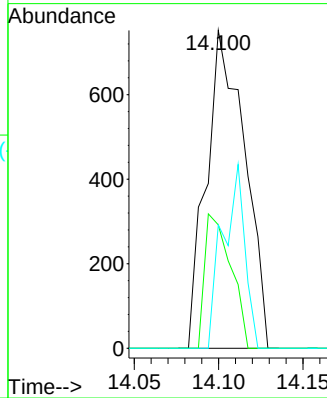
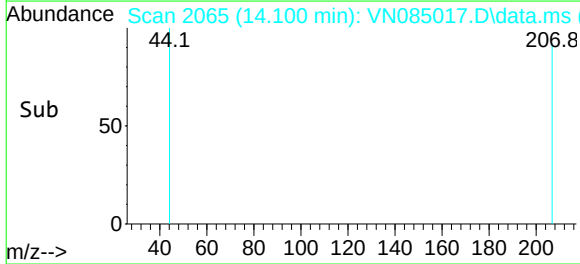
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-11R-20241112



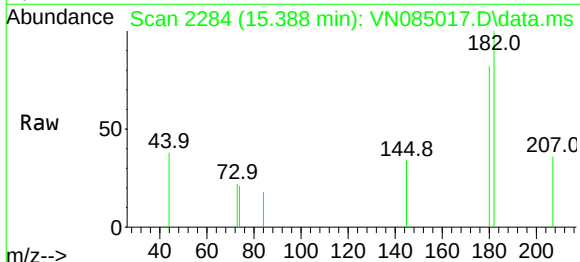
Tgt Ion	Ratio	Lower	Upper
146	100		
111	28.7	21.9	65.8
148	33.3	31.1	93.2

Manual Integrations
APPROVED

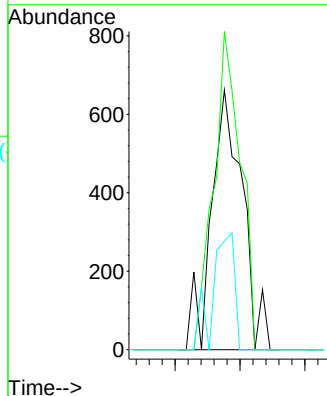
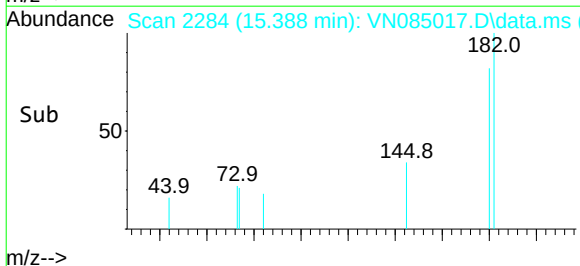
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

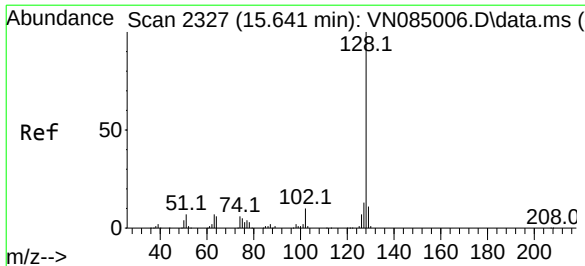


#93
1,2,4-Trichlorobenzene
Concen: 0.476 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085017.D
Acq: 22 Nov 2024 19:41



Tgt Ion	Ratio	Lower	Upper
180	100		
182	106.2	46.9	140.8
145	31.5	16.3	48.8





#95

Naphthalene

Concen: 0.431 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085017.D

Acq: 22 Nov 2024 19:41

Instrument :

MSVOA_N

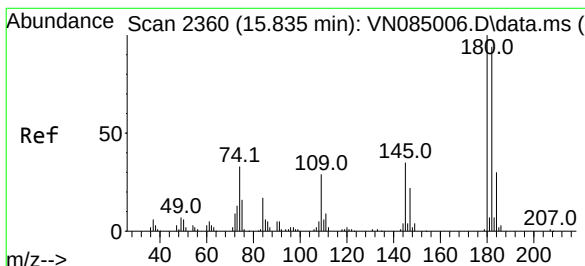
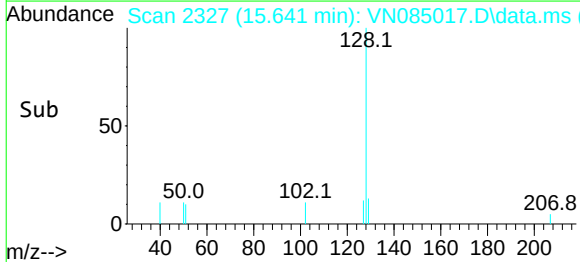
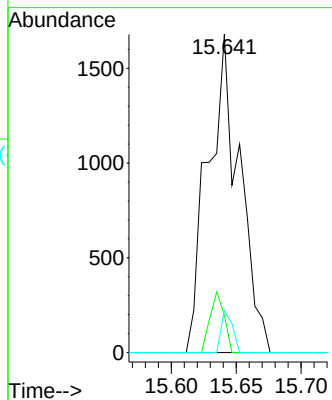
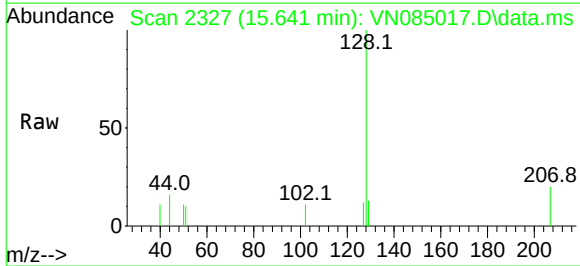
ClientSampleId :

FSND-MW-11R-20241112

Tgt Ion:	128	Resp:	2856
Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.6	16.0#
129	4.6	8.6	12.8#

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.587 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085017.D

Acq: 22 Nov 2024 19:41

Tgt Ion:	180	Resp:	1302
Ion	Ratio	Lower	Upper
180	100		
182	83.9	46.4	139.2
145	16.1	17.3	52.0#

