

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084908.D
 Acq On : 17 Nov 2024 20:25
 Operator : JC\MD
 Sample : P4845-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-23-20241112MSD

Quant Time: Nov 18 00:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	134585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	222451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94220	48.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.940%		
35) Dibromofluoromethane	8.165	113	75187	49.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.860%		
50) Toluene-d8	10.565	98	268888	48.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.847	95	104788	50.550	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	77196	49.895	ug/l	94
3) Chloromethane	2.359	50	94997	52.451	ug/l	100
4) Vinyl Chloride	2.512	62	97691	58.706	ug/l	98
5) Bromomethane	2.901	94	52158	59.158	ug/l	100
6) Chloroethane	3.065	64	62167	60.649	ug/l	95
7) Trichlorofluoromethane	3.465	101	162113	59.140	ug/l	99
8) Diethyl Ether	3.953	74	58651	60.654	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	82205	53.073	ug/l	98
10) Methyl Iodide	4.577	142	117493	56.757	ug/l	95
11) Tert butyl alcohol	5.536	59	80203	312.579	ug/l	100
12) 1,1-Dichloroethene	4.324	96	77963	50.868	ug/l	97
13) Acrolein	4.171	56	71831	280.745	ug/l	97
14) Allyl chloride	5.006	41	125324	50.421	ug/l	94
15) Acrylonitrile	5.712	53	212708	286.360	ug/l	98
16) Acetone	4.430	43	173751	310.122	ug/l	99
17) Carbon Disulfide	4.700	76	212436	45.009	ug/l	99
18) Methyl Acetate	5.018	43	101310	49.340	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	274256	58.382	ug/l	97
20) Methylene Chloride	5.265	84	89331	52.251	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	80949	51.437	ug/l	100
22) Diisopropyl ether	6.671	45	261853	53.019	ug/l	95
23) Vinyl Acetate	6.594	43	916858	269.199	ug/l	97
24) 1,1-Dichloroethane	6.559	63	159204	53.692	ug/l	98
25) 2-Butanone	7.483	43	268641	296.227	ug/l	96
26) 2,2-Dichloropropane	7.488	77	123140	47.714	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	100096	54.471	ug/l	94
28) Bromochloromethane	7.812	49	58903	49.861	ug/l	89
29) Tetrahydrofuran	7.835	42	176742	293.770	ug/l	92
30) Chloroform	7.965	83	167080	55.361	ug/l	100
31) Cyclohexane	8.253	56	129419	48.224	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	156032	56.803	ug/l	96
36) 1,1-Dichloropropene	8.371	75	112455	53.851	ug/l	99
37) Ethyl Acetate	7.559	43	104589	55.202	ug/l	98
38) Carbon Tetrachloride	8.359	117	136149	58.330	ug/l	99
39) Methylcyclohexane	9.594	83	120973	56.944	ug/l	98
40) Benzene	8.600	78	359117	53.549	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64327	63.136	ug/l	96
42) 1,2-Dichloroethane	8.665	62	123737	56.972	ug/l	99
43) Isopropyl Acetate	8.682	43	188497	53.928	ug/l	97
44) Trichloroethene	9.353	130	84459	54.608	ug/l	92
45) 1,2-Dichloropropane	9.618	63	86965	55.280	ug/l	94
46) Dibromomethane	9.706	93	62601	56.393	ug/l	95
47) Bromodichloromethane	9.888	83	134701	57.565	ug/l	97
48) Methyl methacrylate	9.677	41	87819	59.556	ug/l	95
49) 1,4-Dioxane	9.694	88	34154	1307.072	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	555608	307.615	ug/l	97
52) Toluene	10.629	92	225028	57.373	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	130922	54.052	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	135498	52.855	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	84167	56.968	ug/l	99
56) Ethyl methacrylate	10.871	69	138753	64.927	ug/l	91
57) 1,3-Dichloropropane	11.159	76	145534	57.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.312	63	734	0.734	ug/l #	48
59) 2-Hexanone	11.194	43	415977	316.407	ug/l	97
60) Dibromochloromethane	11.359	129	102791	61.045	ug/l	100
61) 1,2-Dibromoethane	11.465	107	85996	56.840	ug/l	100
64) Tetrachloroethene	11.100	164	70654	52.698	ug/l	98
65) Chlorobenzene	11.888	112	240666	53.370	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	88847	56.644	ug/l	99
67) Ethyl Benzene	11.959	91	427880	56.845	ug/l	98
68) m/p-Xylenes	12.070	106	326803	114.681	ug/l	100
69) o-Xylene	12.394	106	159287	59.752	ug/l	99
70) Styrene	12.412	104	270604	58.190	ug/l	100
71) Bromoform	12.576	173	69838	59.172	ug/l #	98
73) Isopropylbenzene	12.694	105	402146	54.145	ug/l	100
74) N-amyl acetate	12.494	43	154087	48.744	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	125423	50.592	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	104786m	49.460	ug/l	
77) Bromobenzene	12.982	156	98884	49.525	ug/l	95
78) n-propylbenzene	13.035	91	460312	52.889	ug/l	98
79) 2-Chlorotoluene	13.123	91	292096	51.363	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	344304	55.932	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	42087	47.129	ug/l	93
82) 4-Chlorotoluene	13.217	91	294554	49.217	ug/l	99
83) tert-Butylbenzene	13.435	119	282332	55.418	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	347897	54.758	ug/l	99
85) sec-Butylbenzene	13.617	105	389774	54.162	ug/l	100
86) p-Isopropyltoluene	13.729	119	329244	55.785	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	184304	47.298	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	182592	51.146	ug/l	99
89) n-Butylbenzene	14.053	91	265012	48.002	ug/l	99
90) Hexachloroethane	14.329	117	64780	49.217	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	184527	49.281	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26368	52.502	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	94786	46.249	ug/l	99
94) Hexachlorobutadiene	15.500	225	43359	48.176	ug/l	99
95) Naphthalene	15.635	128	304868	49.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	91928	46.207	ug/l	99

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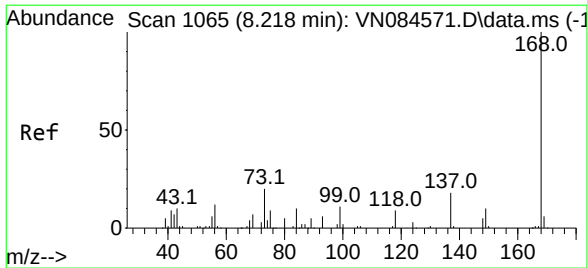
Manual Integrations
APPROVED

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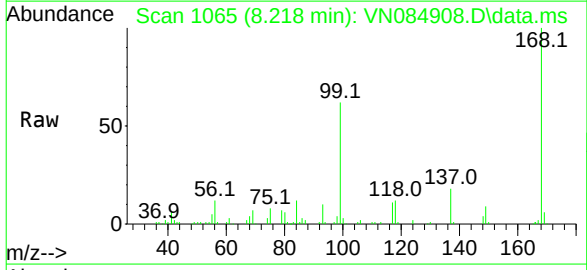
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
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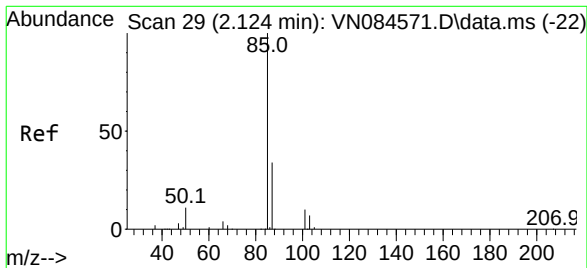
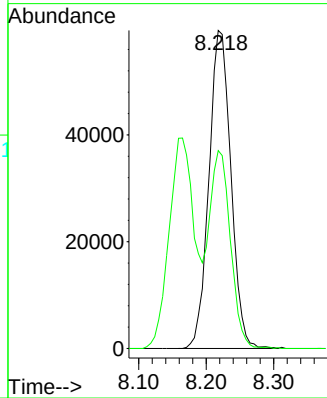
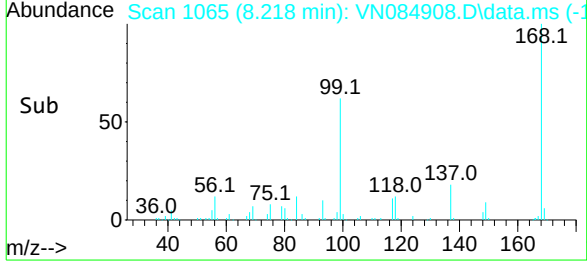
Instrument :
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ClientSampleId :
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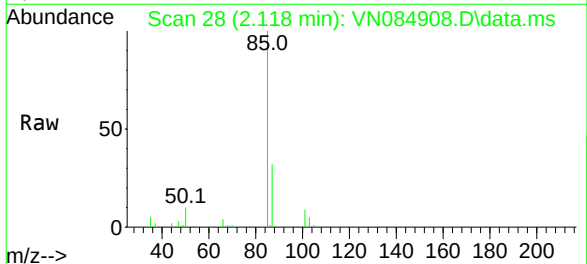
Tgt Ion:168 Resp: 134585
Ion Ratio Lower Upper
168 100
99 62.0 54.2 81.2

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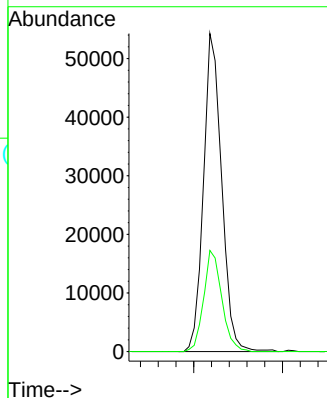
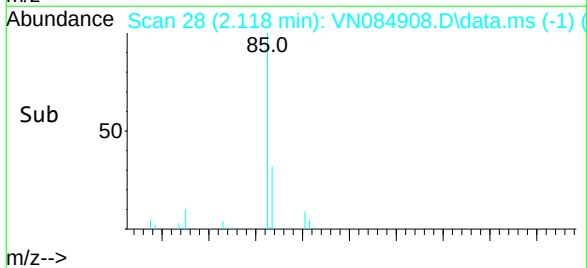
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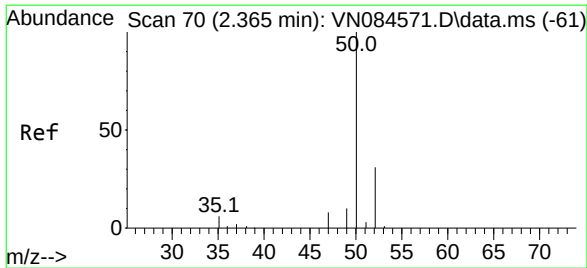


#2
Dichlorodifluoromethane
Concen: 49.895 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25



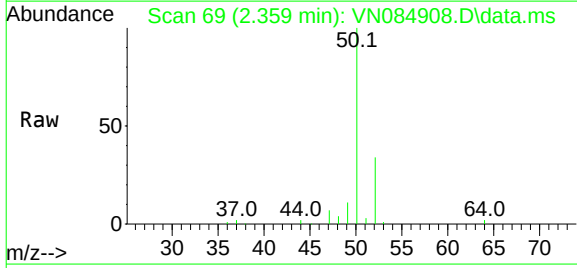
Tgt Ion: 85 Resp: 77196
Ion Ratio Lower Upper
85 100
87 31.8 17.6 52.9





#3
Chloromethane
Concen: 52.451 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

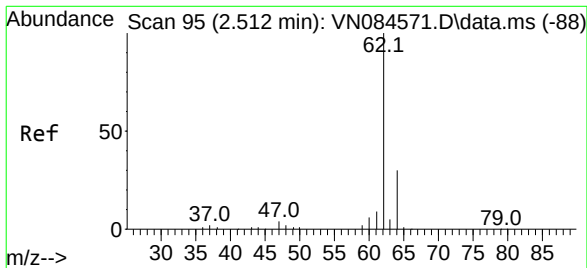
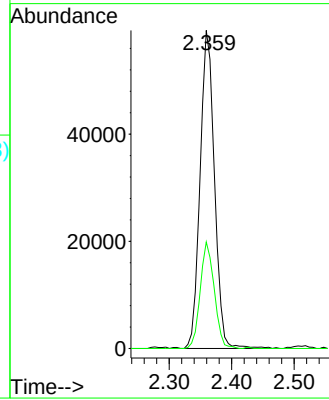
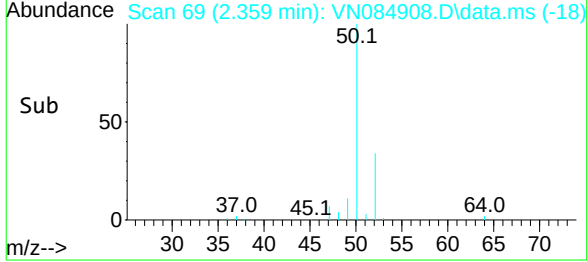
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Tgt Ion: 50 Resp: 94997
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2

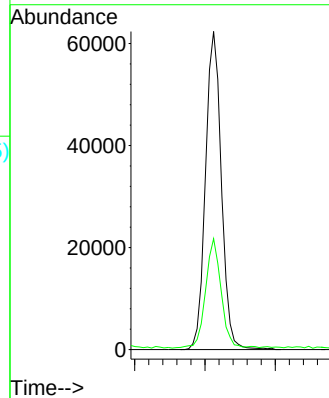
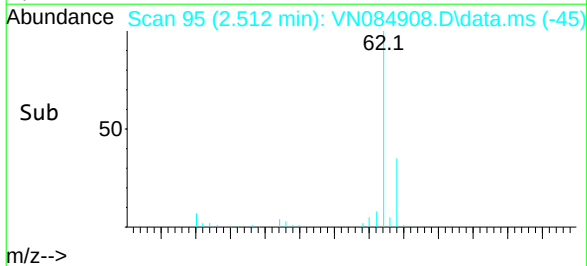
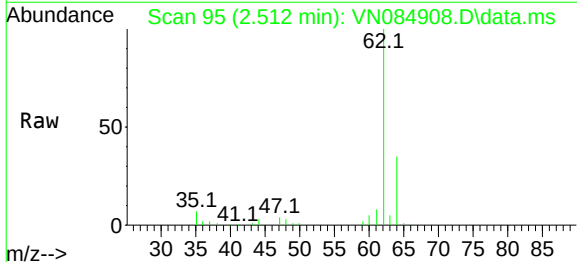
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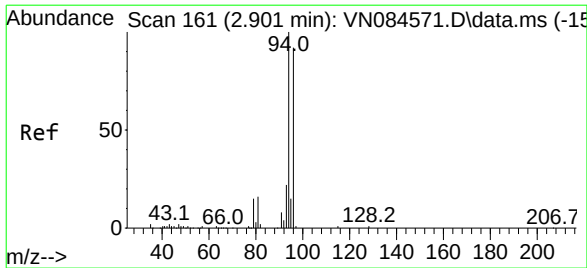
Reviewed By :John Carlone 11/18/2024
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#4
Vinyl Chloride
Concen: 58.706 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 62 Resp: 97691
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.4





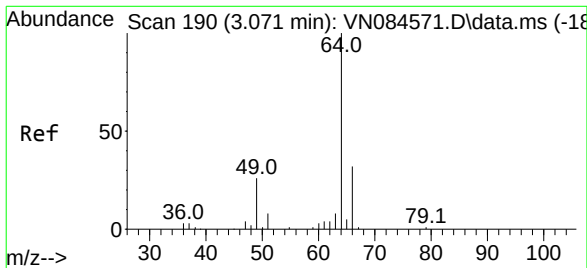
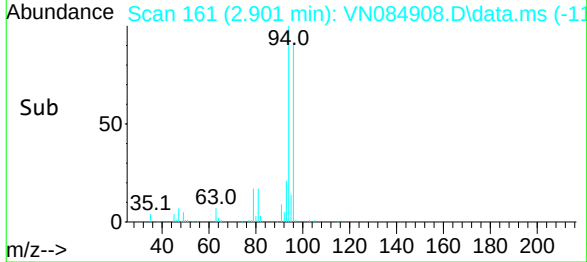
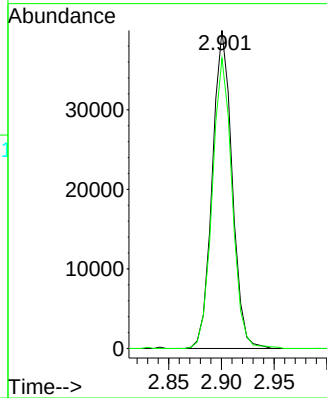
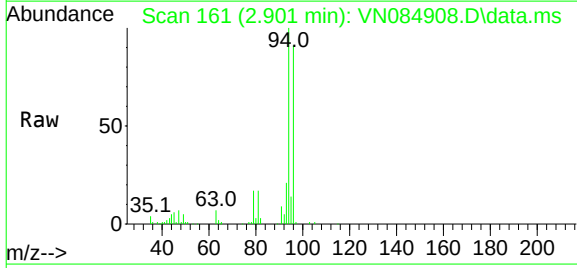
#5
Bromomethane
Concen: 59.158 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084908.D
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ClientSampleId : FSND-MW-23-20241112MSD

Tgt Ion: 94 Resp: 52158
Ion Ratio Lower Upper
94 100
96 91.2 72.9 109.3

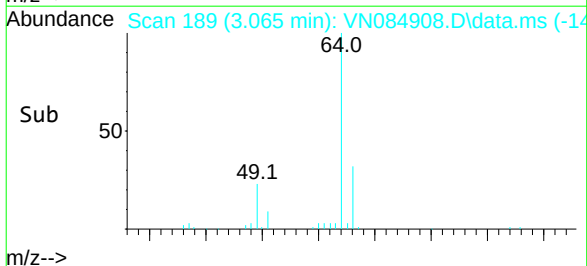
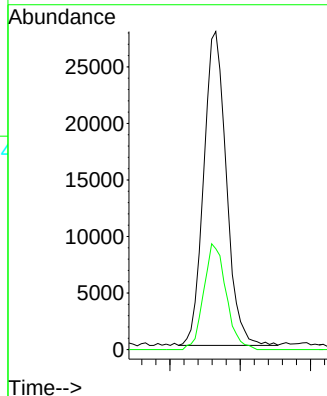
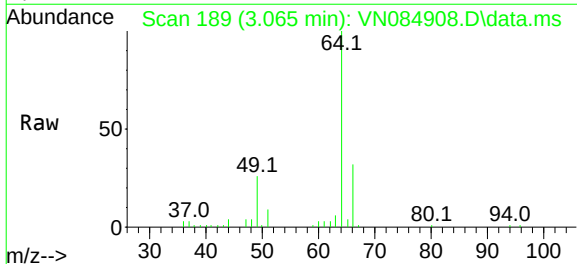
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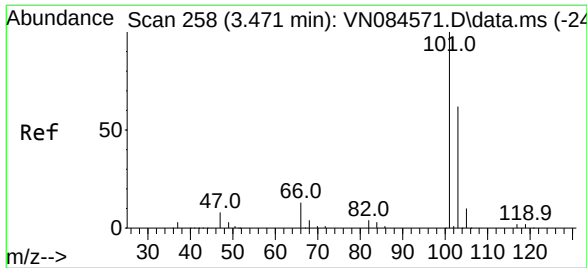
Reviewed By :John Carlone 11/18/2024
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#6
Chloroethane
Concen: 60.649 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
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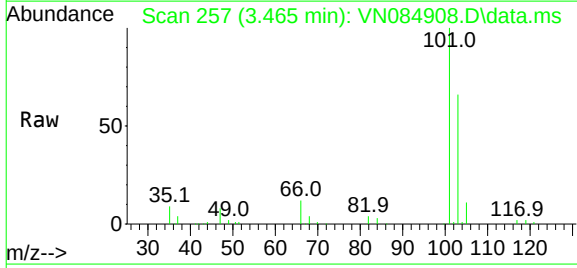
Tgt Ion: 64 Resp: 62167
Ion Ratio Lower Upper
64 100
66 32.1 23.5 35.3





#7
Trichlorofluoromethane
Concen: 59.140 ug/l
RT: 3.465 min Scan# 258
Delta R.T. -0.030 min
Lab File: VN084908.D
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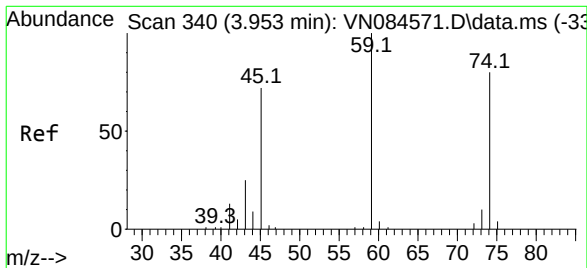
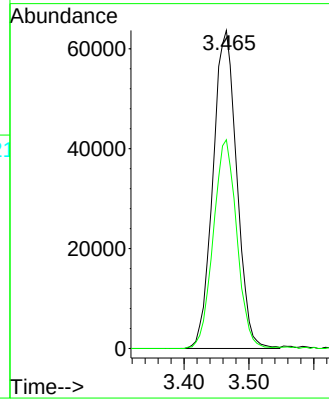
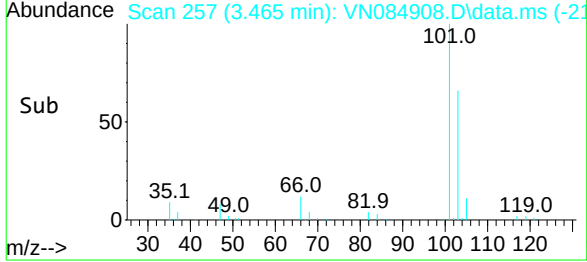
Instrument : MSVOA_N
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Tgt Ion: 101 Resp: 162113
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

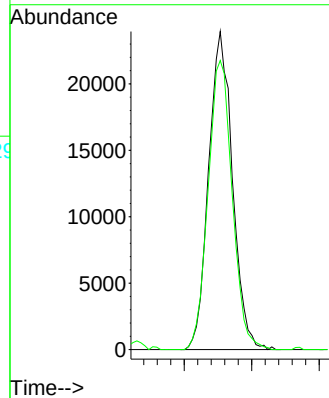
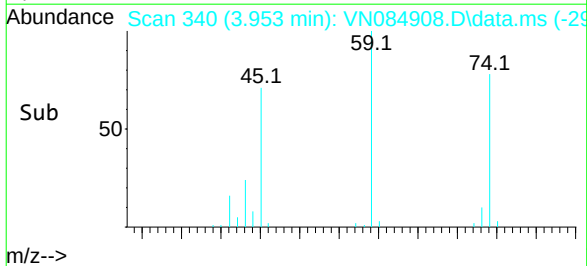
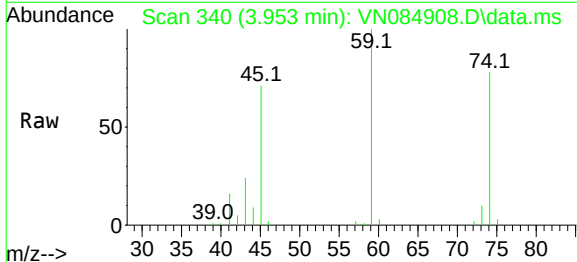
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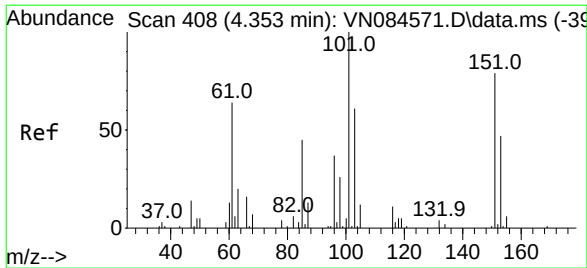
Reviewed By : John Carlone 11/18/2024
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#8
Diethyl Ether
Concen: 60.654 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 58651
Ion Ratio Lower Upper
74 100
45 92.3 47.7 143.1





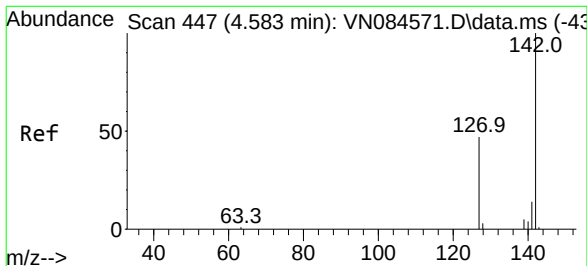
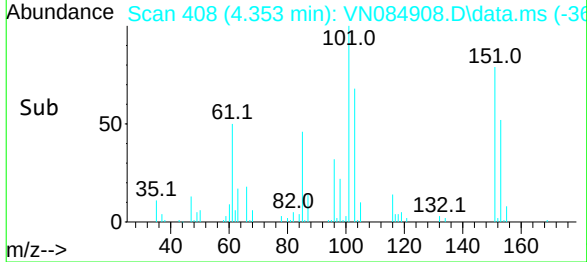
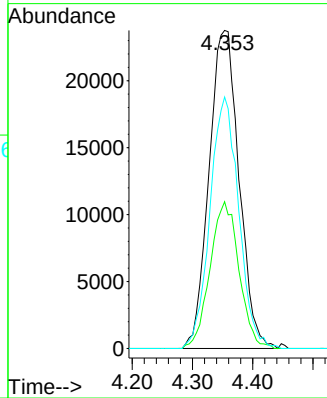
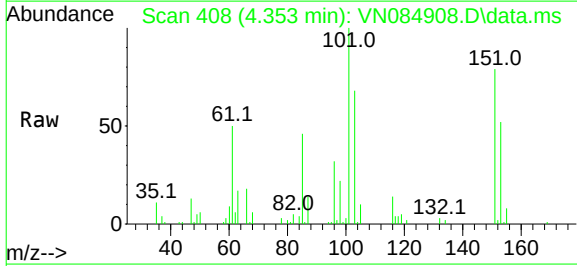
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.073 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion:	101	Resp:	82205
Ion	Ratio	Lower	Upper
101	100		
85	44.5	36.2	54.4
151	75.8	59.3	88.9

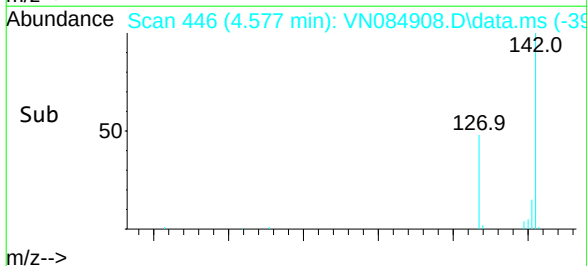
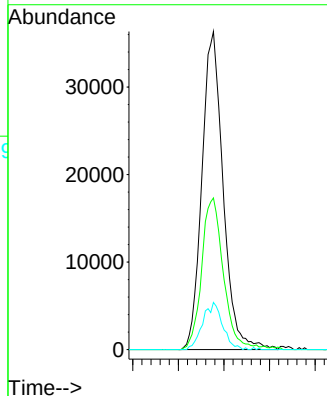
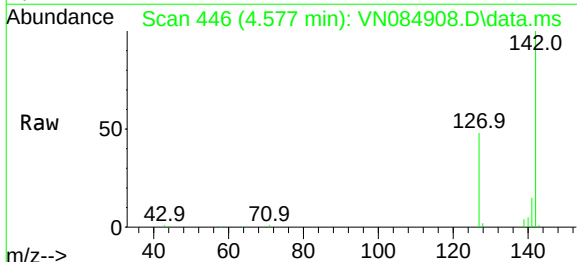
Manual Integrations
APPROVED

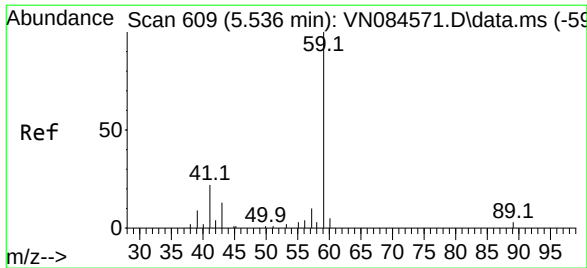
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#10
Methyl Iodide
Concen: 56.757 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:	142	Resp:	117493
Ion	Ratio	Lower	Upper
142	100		
127	47.7	35.3	52.9
141	14.8	11.0	16.6





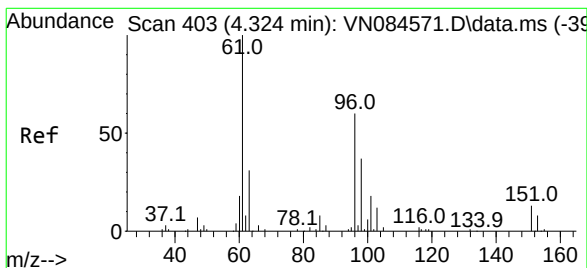
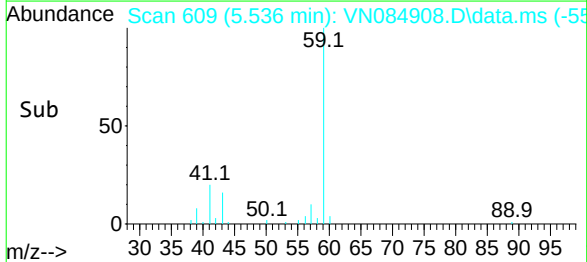
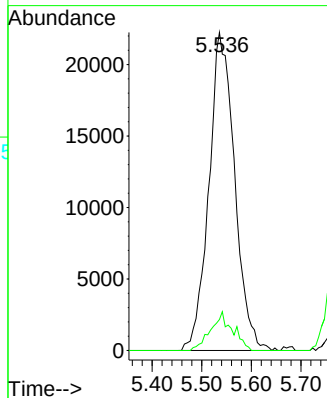
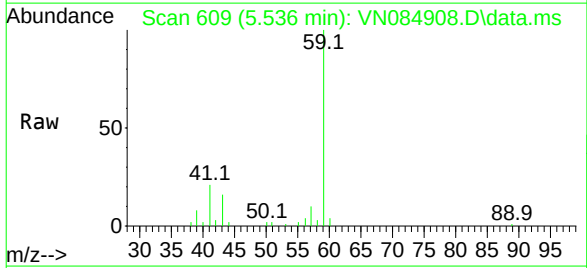
#11
Tert butyl alcohol
Concen: 312.579 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

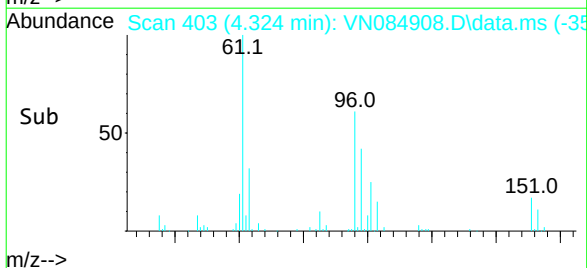
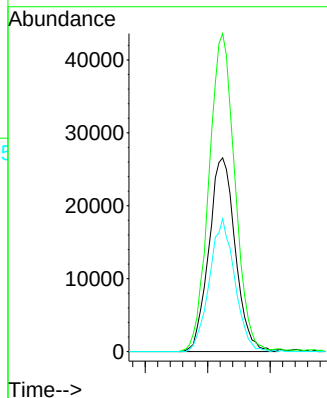
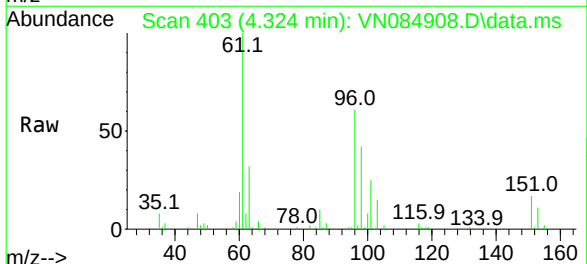
Manual Integrations
APPROVED

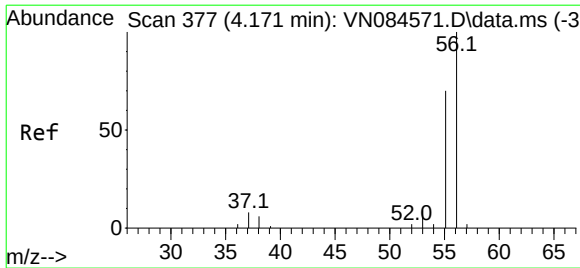
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#12
1,1-Dichloroethene
Concen: 50.868 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	128.6	192.8
98	68.5	51.7	77.5





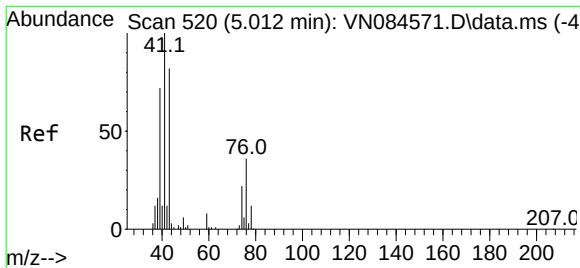
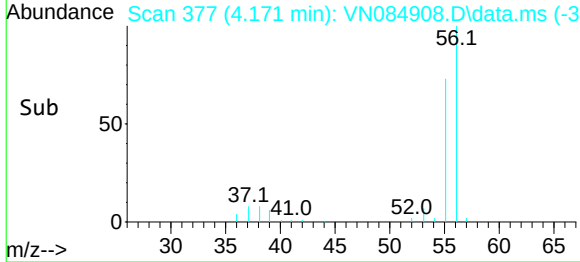
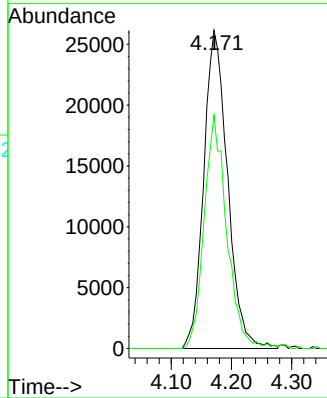
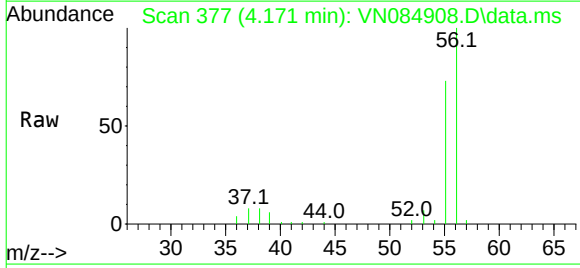
#13
Acrolein
Concen: 280.745 ug/l
RT: 4.171 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD

Tgt Ion: 56 Resp: 71831
Ion Ratio Lower Upper
56 100
55 69.2 57.2 85.8

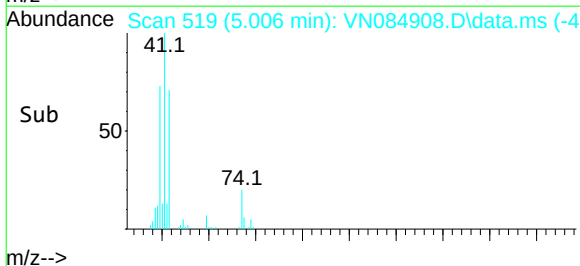
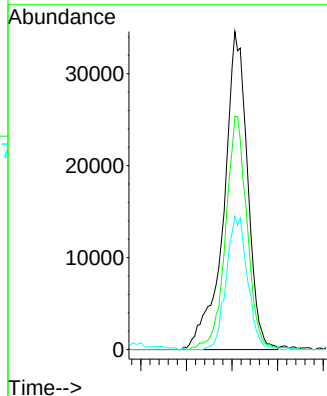
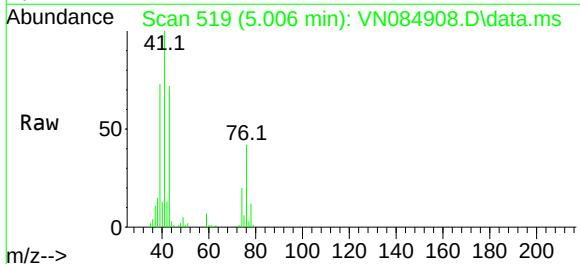
Manual Integrations
APPROVED

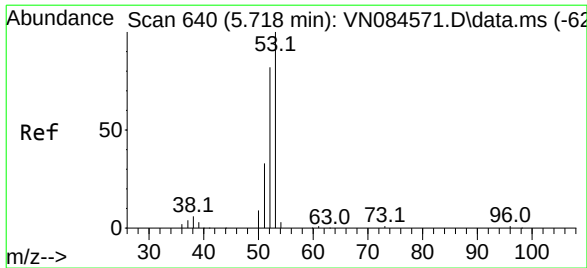
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#14
Allyl chloride
Concen: 50.421 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

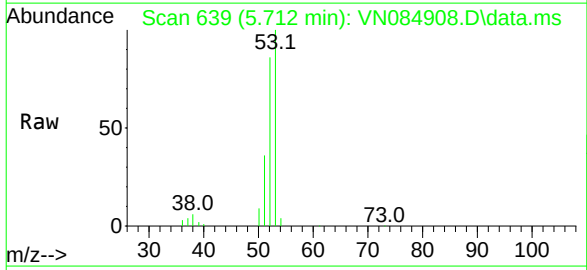
Tgt Ion: 41 Resp: 125324
Ion Ratio Lower Upper
41 100
39 66.0 59.0 88.6
76 37.6 29.8 44.6





#15
Acrylonitrile
Concen: 286.360 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

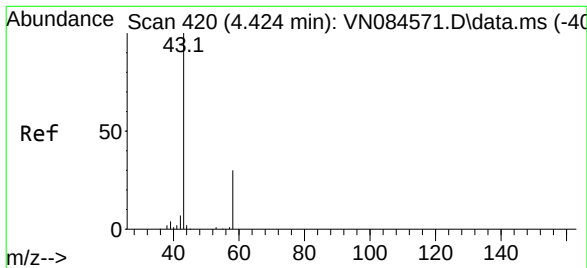
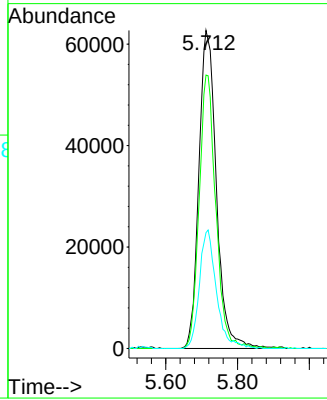
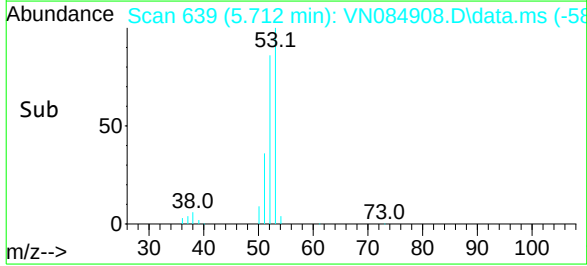
Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD



Tgt Ion: 53 Resp: 212708
Ion Ratio Lower Upper
53 100
52 81.0 66.2 99.4
51 36.2 28.8 43.2

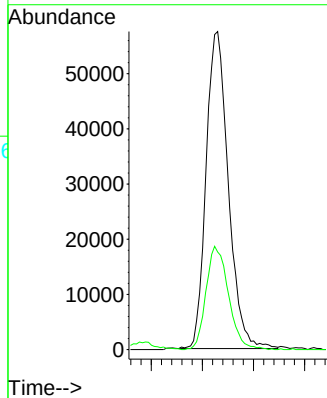
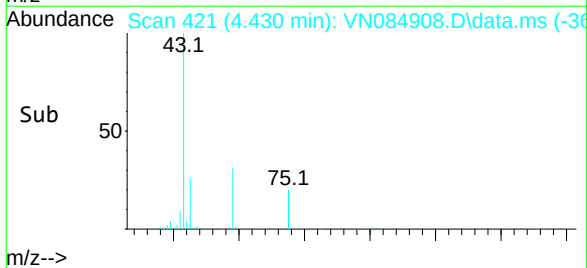
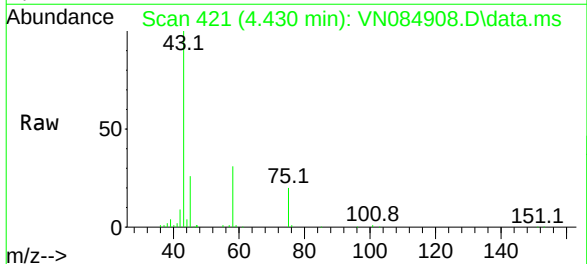
Manual Integrations
APPROVED

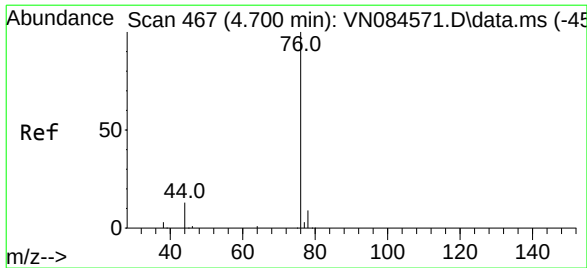
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#16
Acetone
Concen: 310.122 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

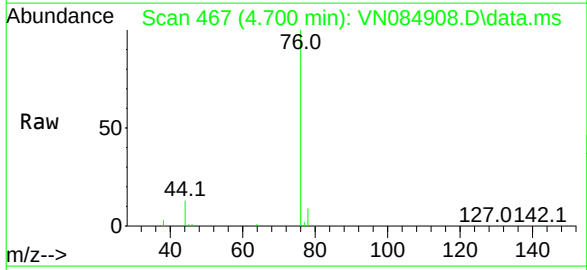
Tgt Ion: 43 Resp: 173751
Ion Ratio Lower Upper
43 100
58 30.8 24.4 36.6





#17
Carbon Disulfide
Concen: 45.009 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

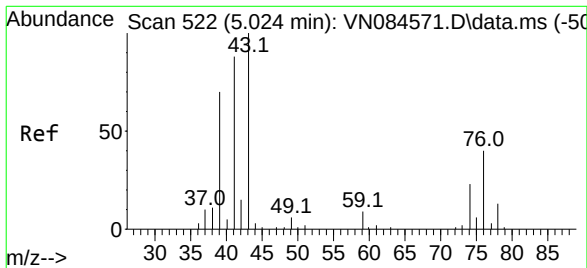
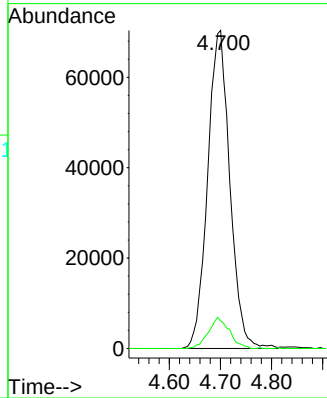
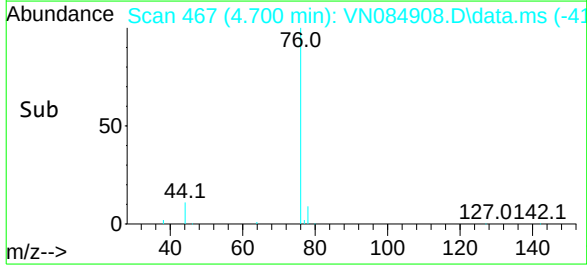
Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD



Tgt Ion: 76 Resp: 212436
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

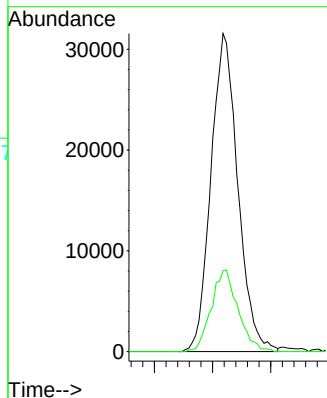
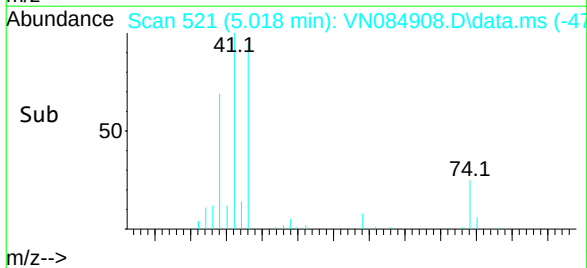
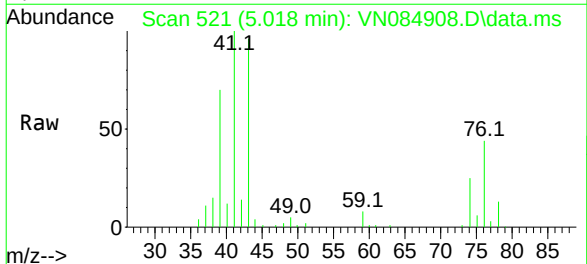
Manual Integrations
APPROVED

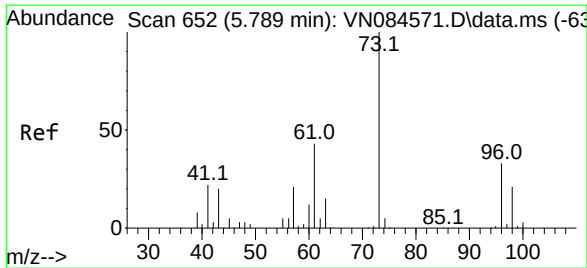
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#18
Methyl Acetate
Concen: 49.340 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

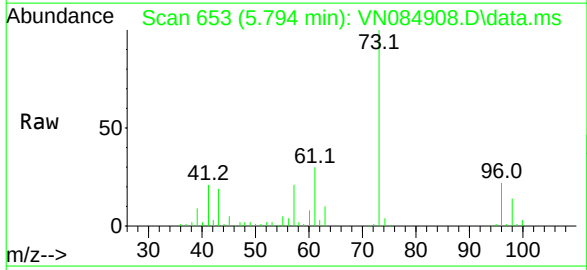
Tgt Ion: 43 Resp: 101310
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 58.382 ug/l
RT: 5.794 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

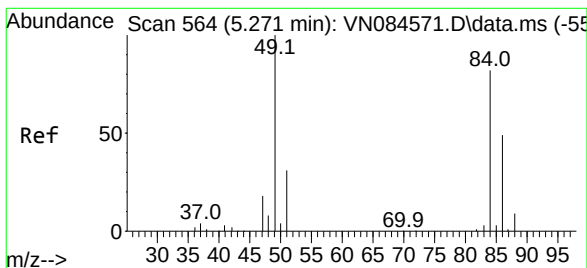
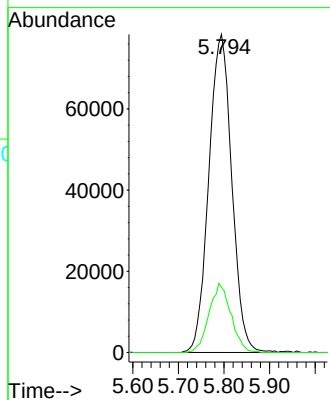
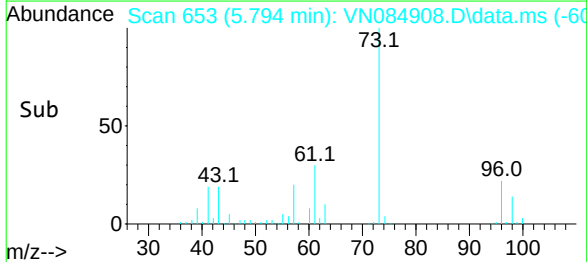
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion: 73 Resp: 274256
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

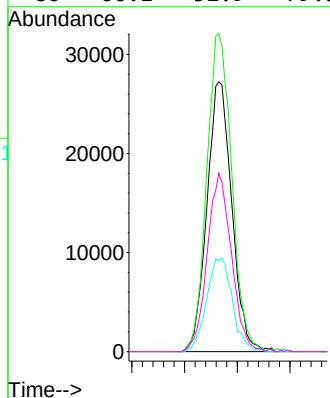
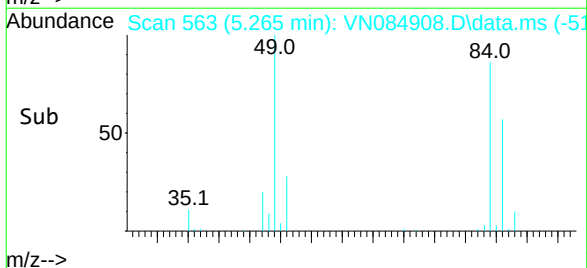
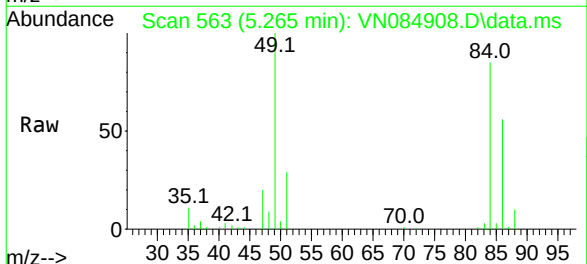
Manual Integrations
APPROVED

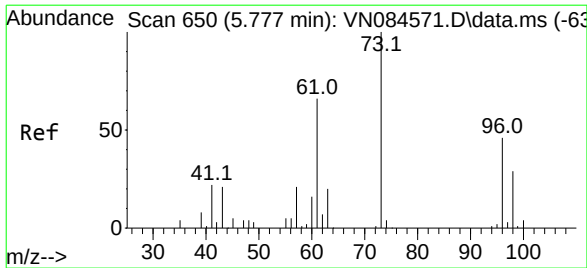
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#20
Methylene Chloride
Concen: 52.251 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 84 Resp: 89331
Ion Ratio Lower Upper
84 100
49 117.9 107.2 160.8
51 33.7 31.8 47.8
86 66.1 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 51.437 ug/l

RT: 5.777 min Scan# 650

Delta R.T. -0.012 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

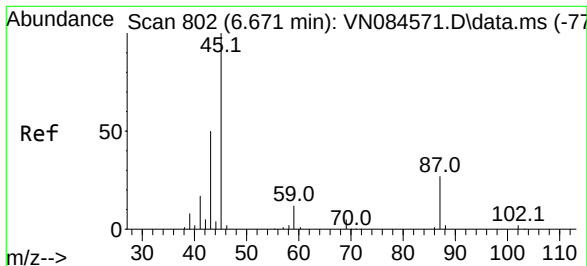
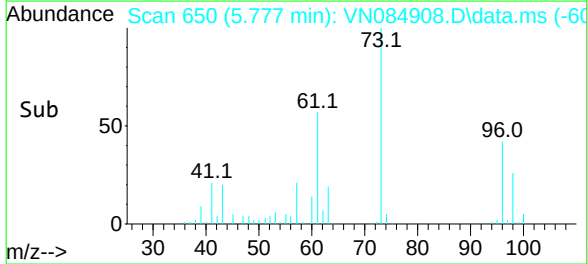
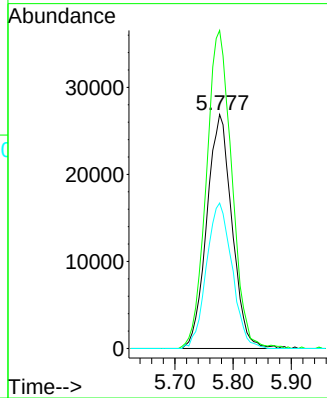
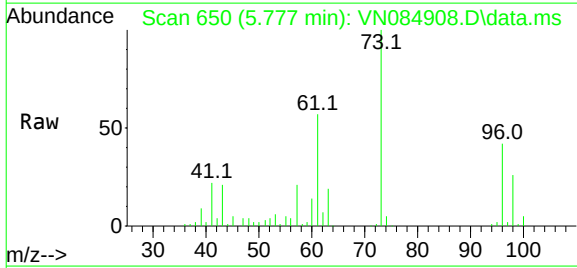
ClientSampleId :

FSND-MW-23-20241112MSD

Tgt Ion:	96	Resp:	80949
Ion	Ratio	Lower	Upper
96	100		
61	136.0	108.4	162.6
98	62.1	49.8	74.8

Manual Integrations
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Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#22

Diisopropyl ether

Concen: 53.019 ug/l

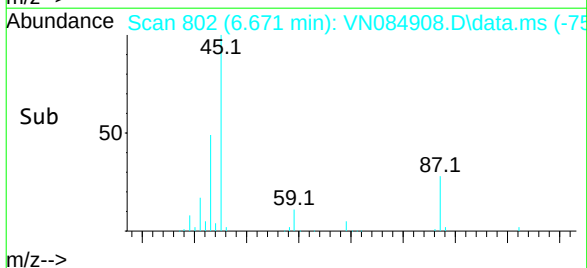
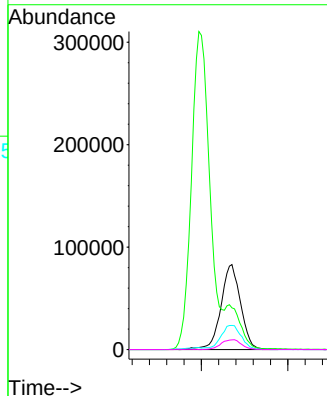
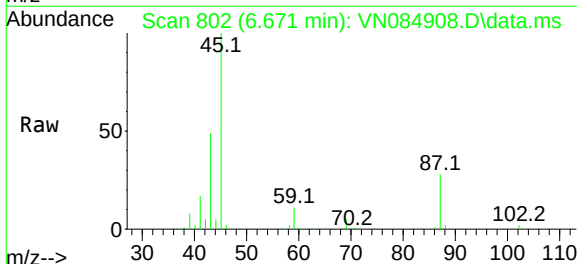
RT: 6.671 min Scan# 802

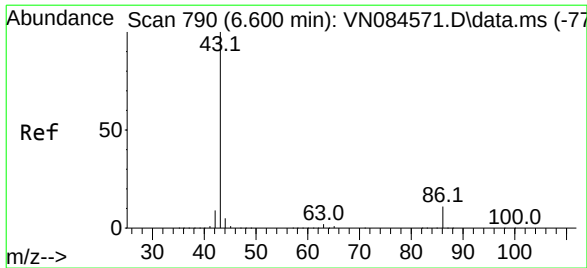
Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Tgt Ion:	45	Resp:	261853
Ion	Ratio	Lower	Upper
45	100		
43	48.3	42.3	63.5
87	28.4	21.8	32.6
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 269.199 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD

Tgt Ion: 43 Resp: 916858

Ion Ratio Lower Upper

43 100

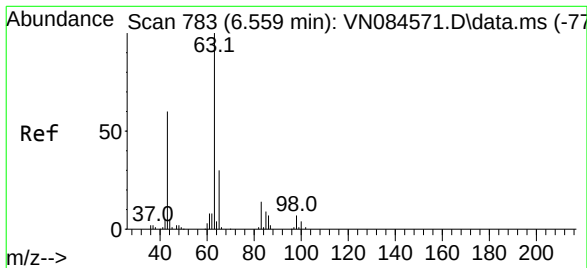
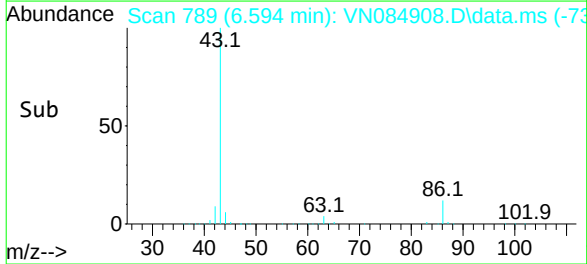
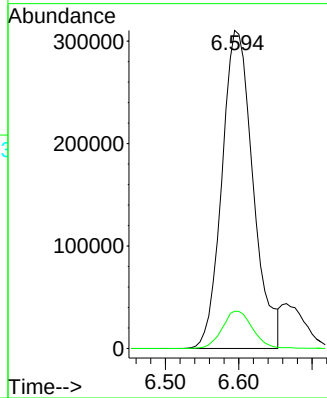
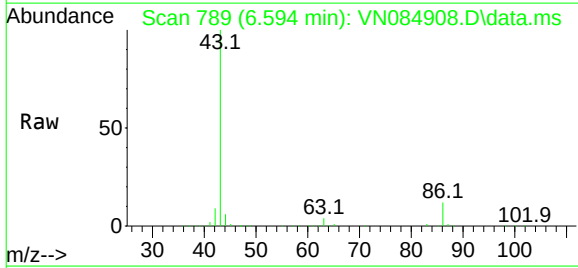
86 11.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#24

1,1-Dichloroethane

Concen: 53.692 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

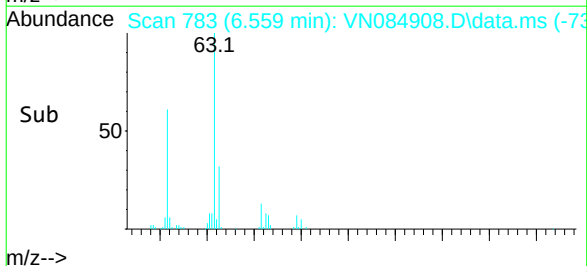
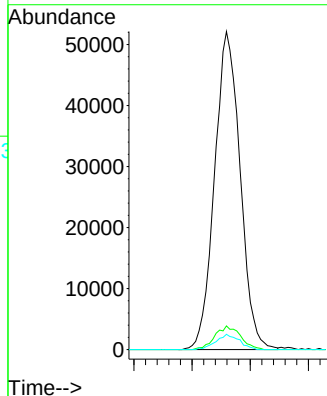
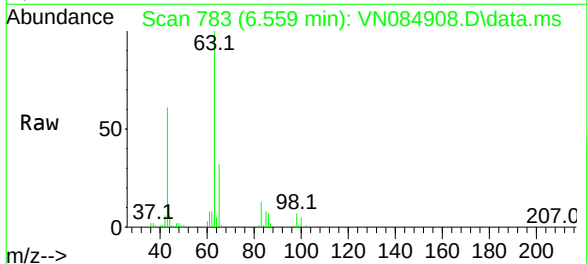
Tgt Ion: 63 Resp: 159204

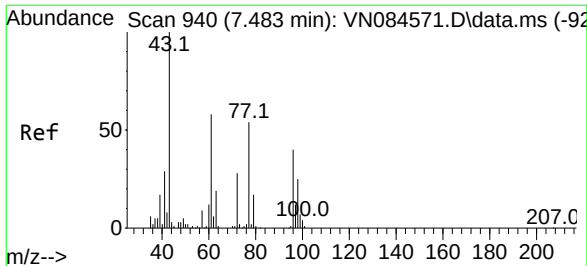
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

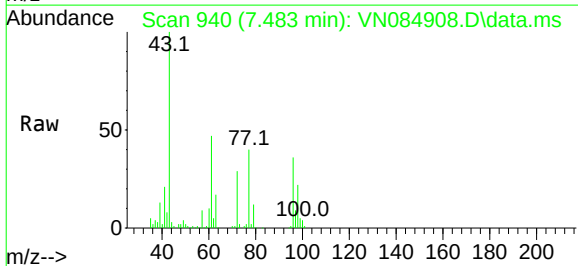
100 4.8 2.0 5.8





#25
2-Butanone
Concen: 296.227 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

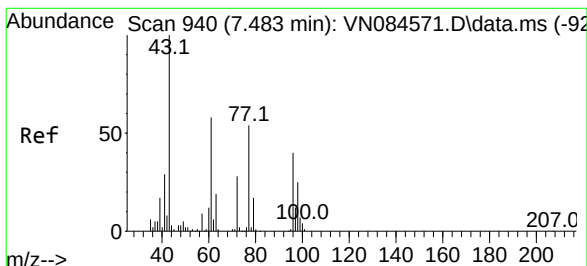
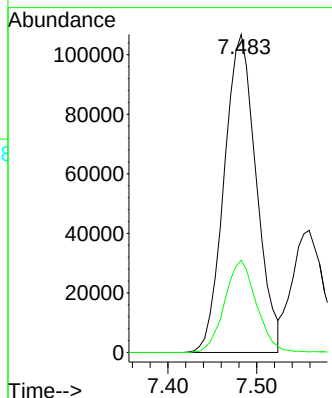
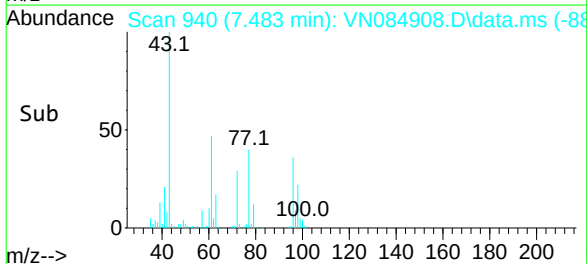
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



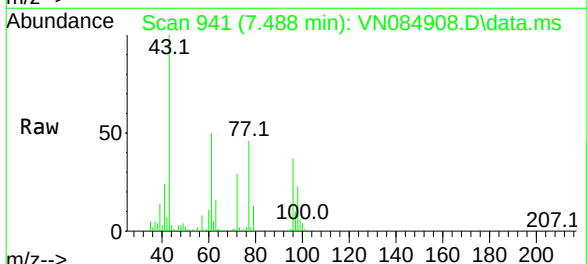
Tgt Ion: 43 Resp: 268641
Ion Ratio Lower Upper
43 100
72 29.0 21.4 32.2

Manual Integrations
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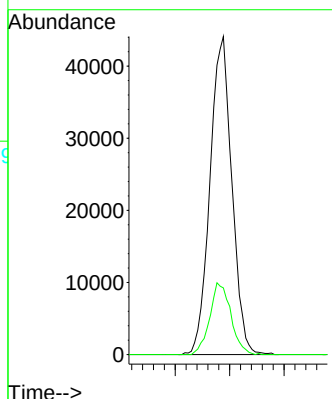
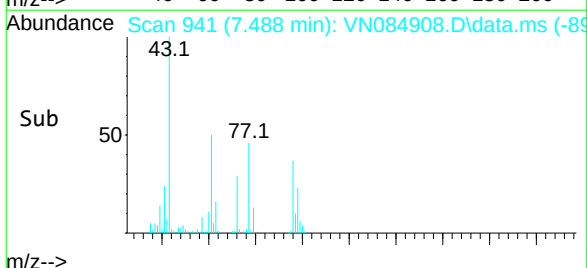
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

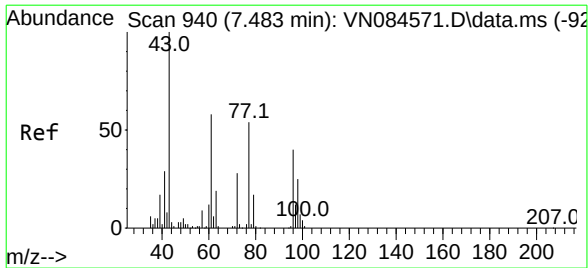


#26
2,2-Dichloropropane
Concen: 47.714 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25



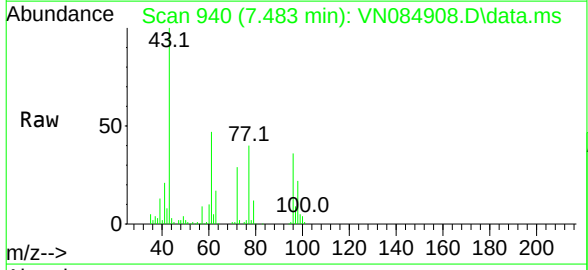
Tgt Ion: 77 Resp: 123140
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 54.471 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

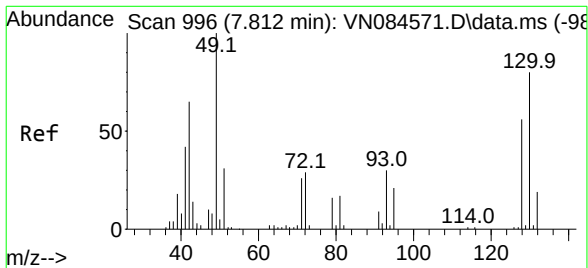
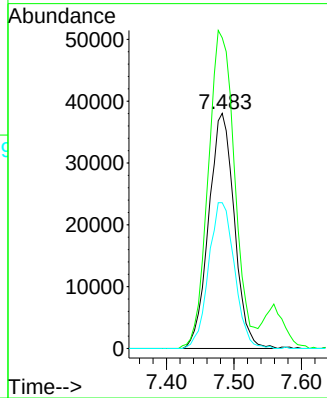
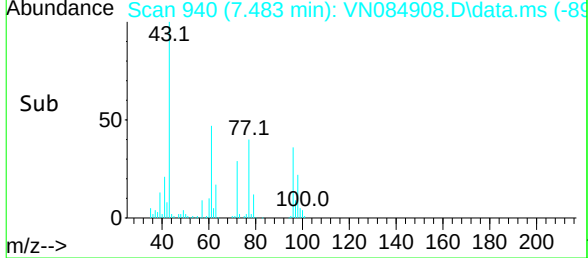
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion: 96 Resp: 100096
Ion Ratio Lower Upper
96 100
61 140.6 0.0 301.8
98 63.0 0.0 128.2

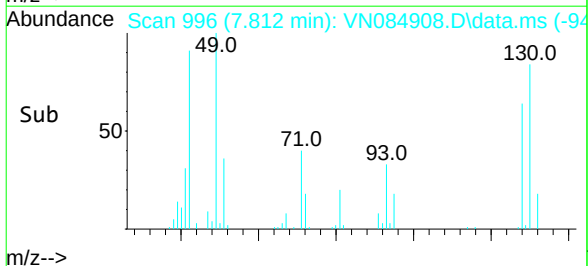
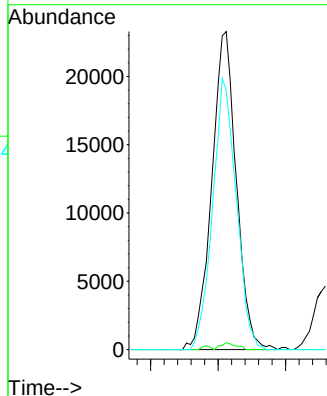
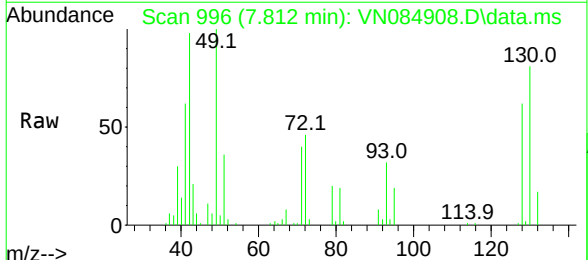
Manual Integrations
APPROVED

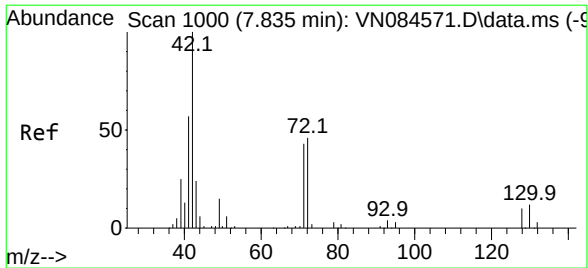
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#28
Bromochloromethane
Concen: 49.861 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 49 Resp: 58903
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.6
130 82.0 58.0 87.0





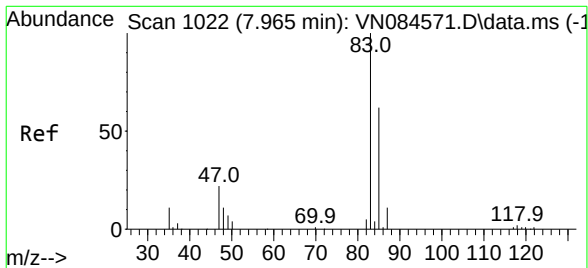
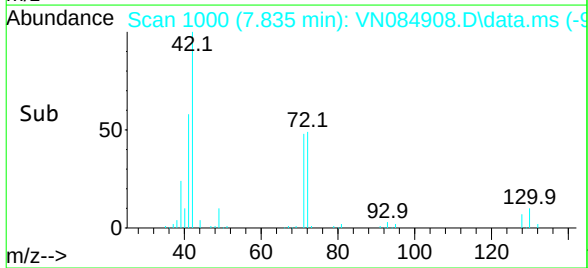
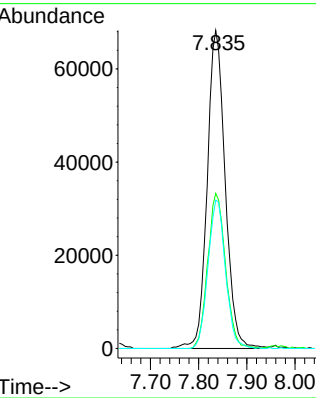
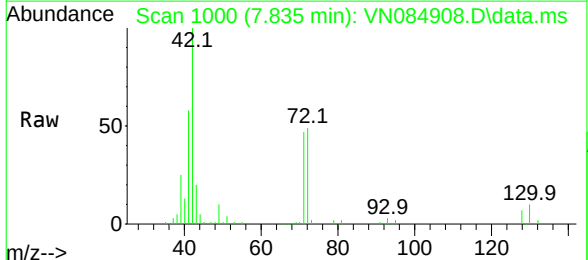
#29
Tetrahydrofuran
Concen: 293.770 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion: 42 Resp: 176742
Ion Ratio Lower Upper
42 100
72 48.3 34.6 51.8
71 45.3 32.2 48.4

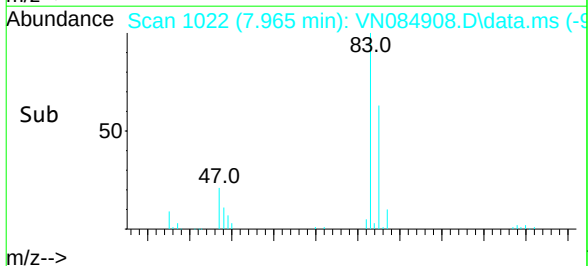
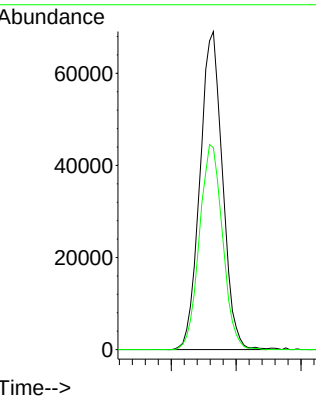
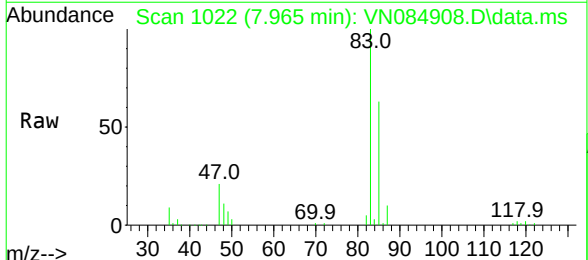
Manual Integrations
APPROVED

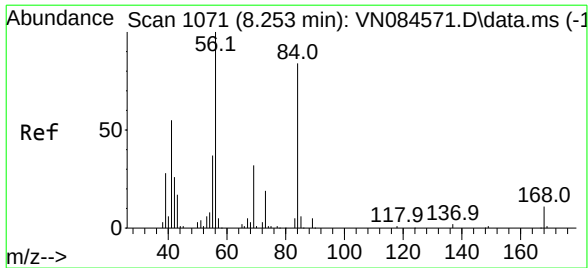
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#30
Chloroform
Concen: 55.361 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

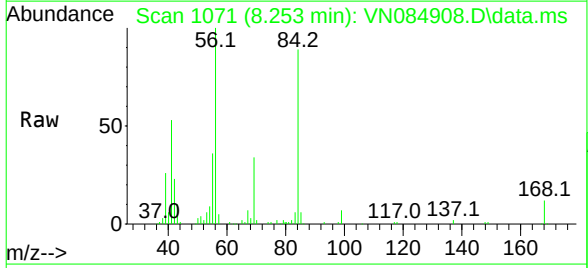
Tgt Ion: 83 Resp: 167080
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.4





#31
Cyclohexane
Concen: 48.224 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

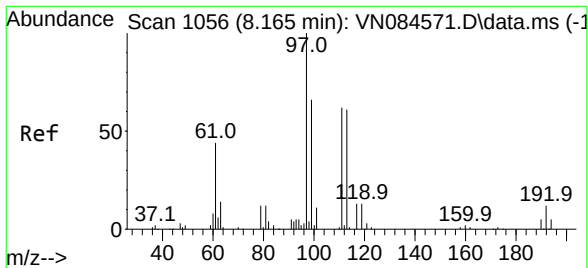
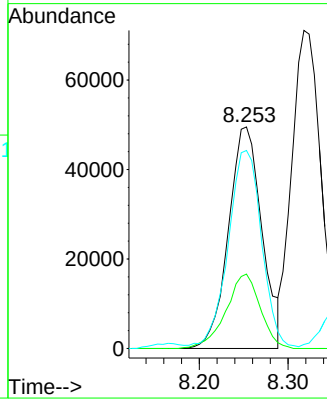
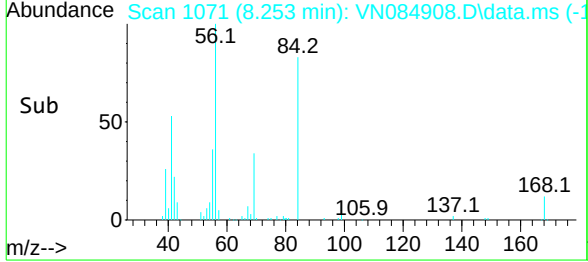
Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD



Tgt Ion: 56 Resp: 129419
Ion Ratio Lower Upper
56 100
69 33.6 23.8 35.6
84 87.7 68.8 103.2

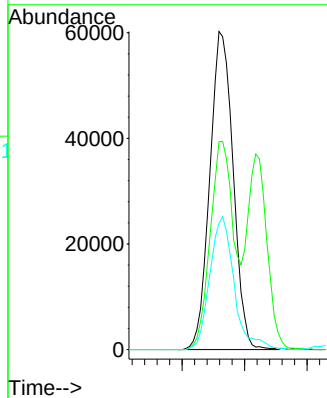
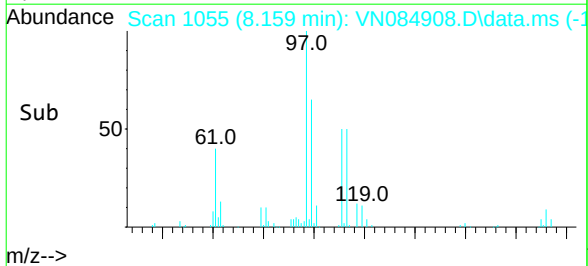
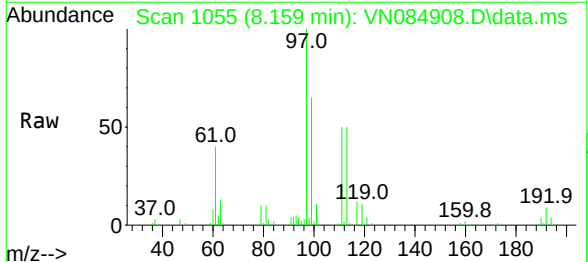
Manual Integrations
APPROVED

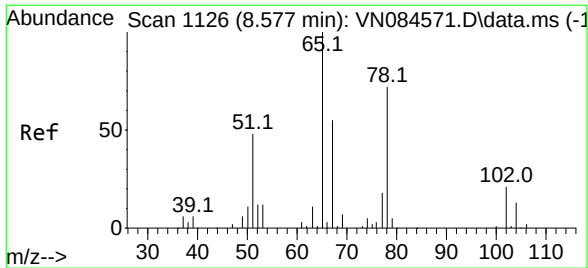
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#32
1,1,1-Trichloroethane
Concen: 56.803 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

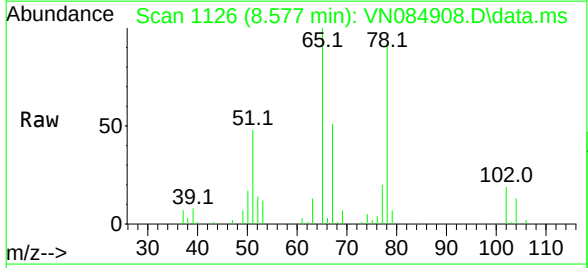
Tgt Ion: 97 Resp: 156032
Ion Ratio Lower Upper
97 100
99 66.4 51.2 76.8
61 43.7 37.5 56.3





#33
1,2-Dichloroethane-d4
Concen: 48.471 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

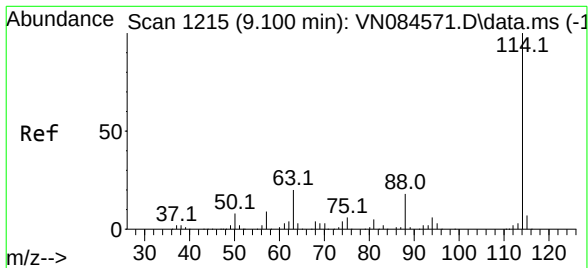
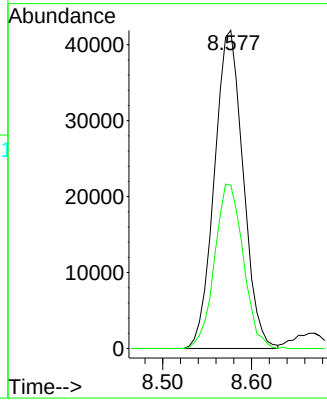
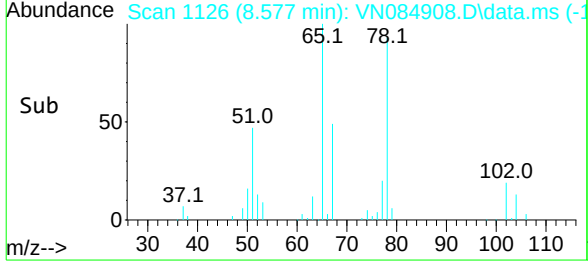
Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD



Tgt Ion: 65 Resp: 94220
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0

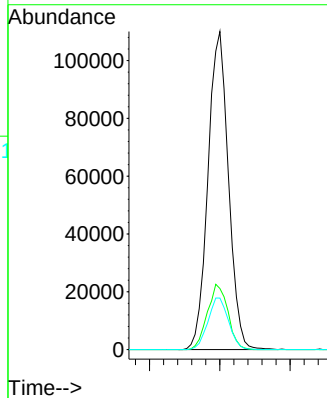
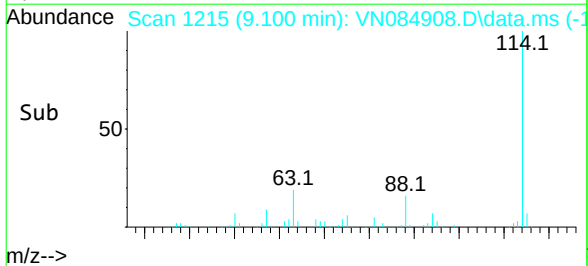
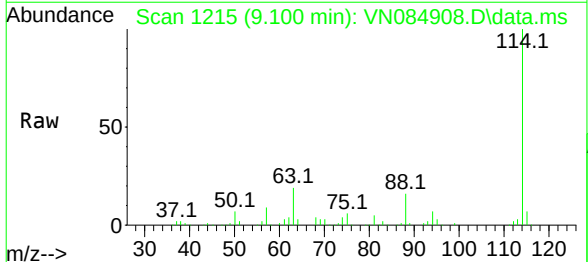
Manual Integrations
APPROVED

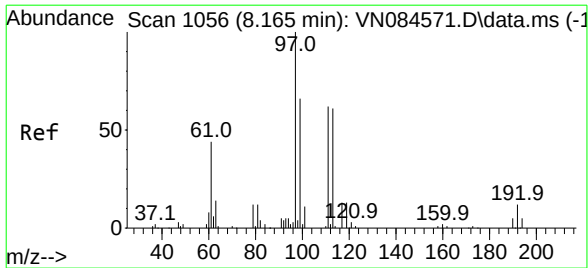
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

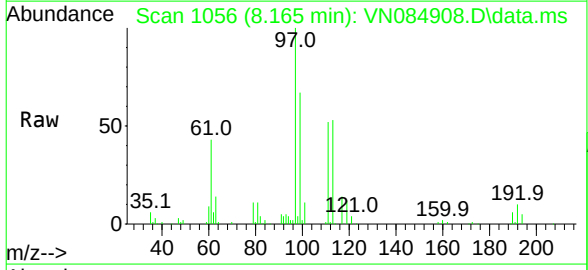
Tgt Ion:114 Resp: 222451
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.8
88 16.2 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 49.934 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084908.D
 Acq: 17 Nov 2024 20:25

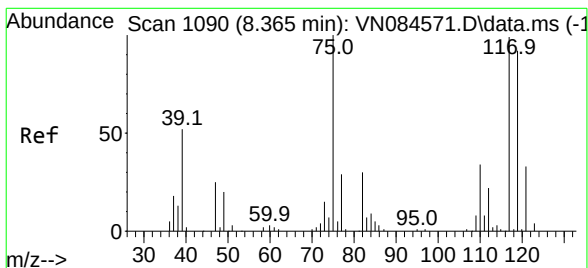
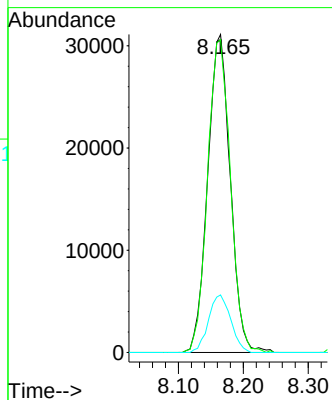
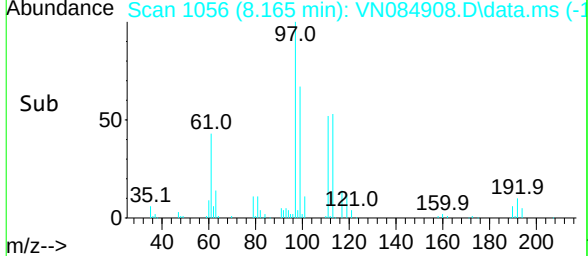
Instrument : MSVOA_N
 ClientSampleId : FSND-MW-23-20241112MSD



Tgt Ion:	113	Resp:	75187
Ion Ratio	Lower	Upper	
113	100		
111	99.6	83.3	124.9
192	17.8	13.5	20.3

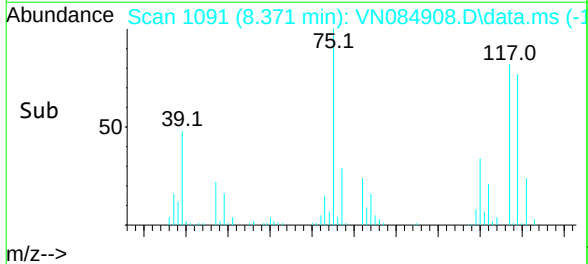
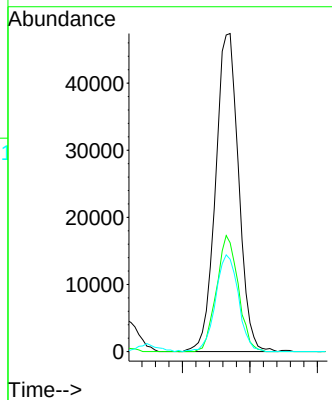
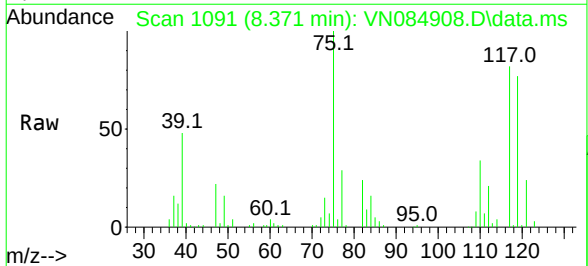
Manual Integrations
 APPROVED

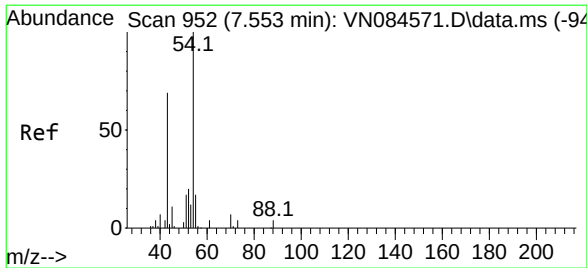
Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#36
 1,1-Dichloropropene
 Concen: 53.851 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084908.D
 Acq: 17 Nov 2024 20:25

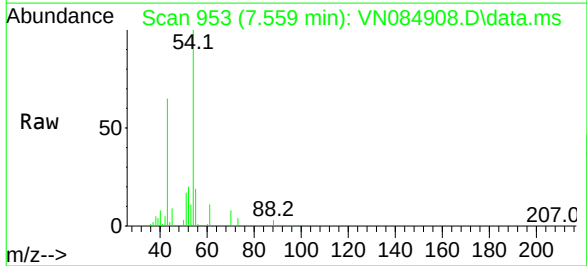
Tgt Ion:	75	Resp:	112455
Ion Ratio	Lower	Upper	
75	100		
110	34.5	16.9	50.7
77	30.2	24.7	37.1





#37
Ethyl Acetate
Concen: 55.202 ug/l
RT: 7.559 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

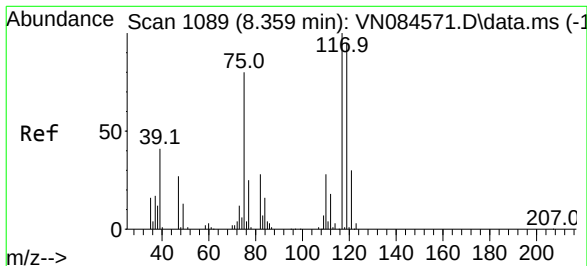
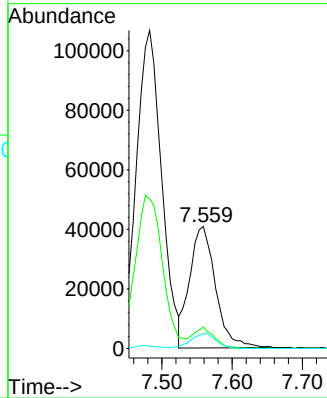
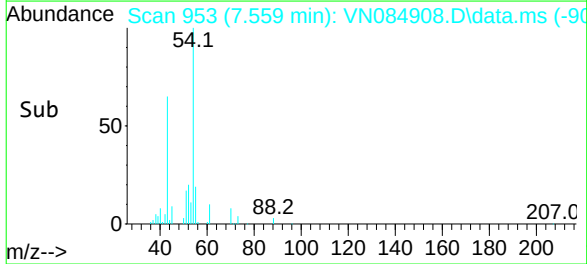
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion: 43 Resp: 104589
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 12.0 8.8 13.2

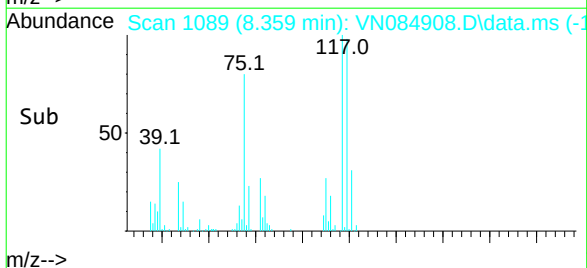
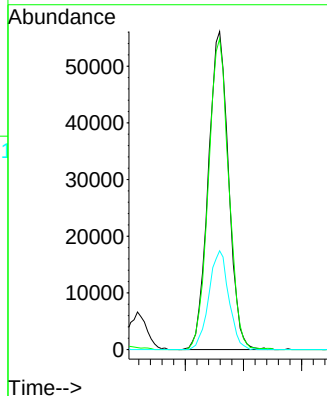
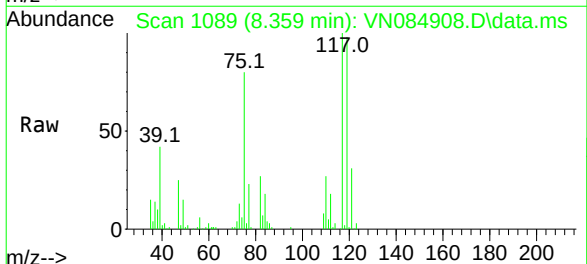
Manual Integrations
APPROVED

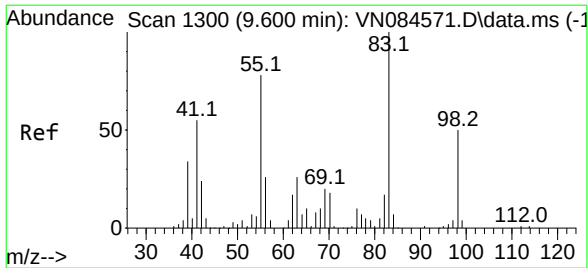
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#38
Carbon Tetrachloride
Concen: 58.330 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

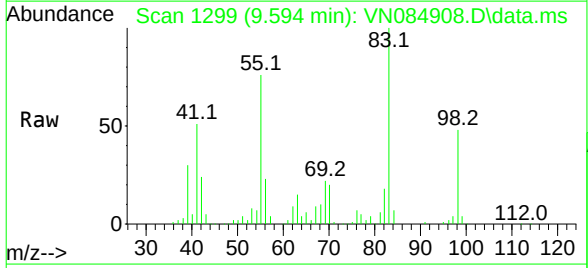
Tgt Ion:117 Resp: 136149
Ion Ratio Lower Upper
117 100
119 97.7 78.7 118.1
121 31.1 24.4 36.6





#39
Methylcyclohexane
Concen: 56.944 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

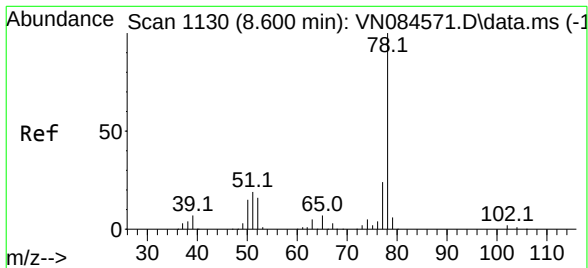
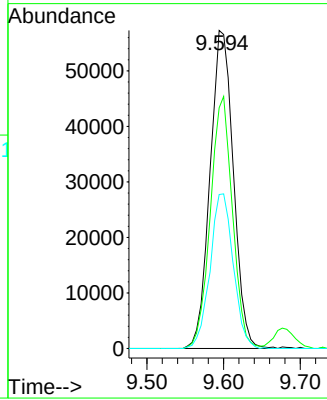
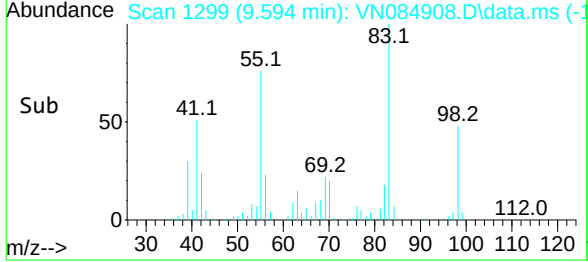
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion: 83 Resp: 120973
Ion Ratio Lower Upper
83 100
55 75.7 62.8 94.2
98 48.4 38.8 58.2

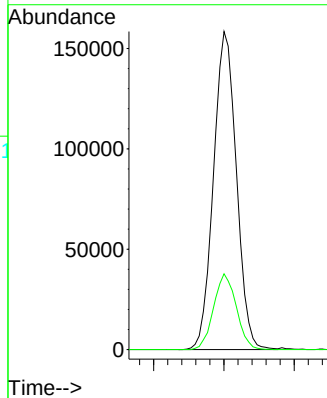
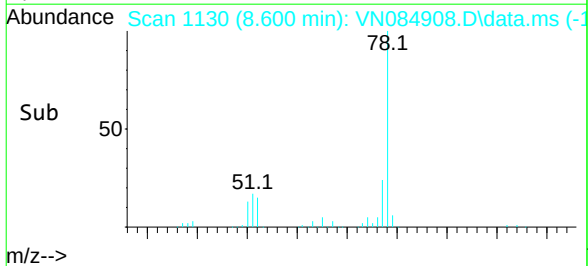
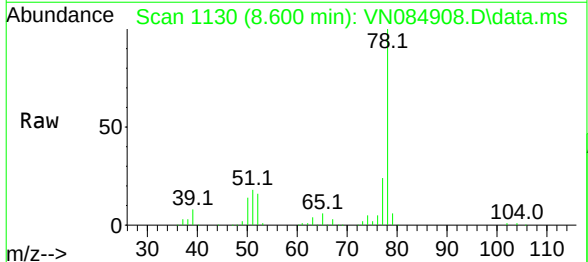
Manual Integrations
APPROVED

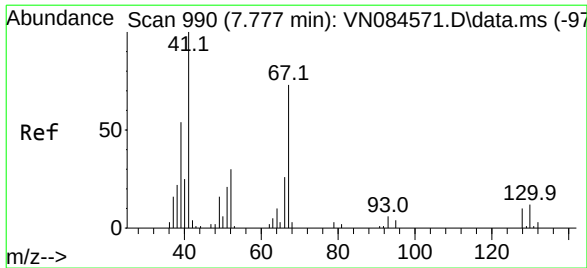
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#40
Benzene
Concen: 53.549 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 78 Resp: 359117
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





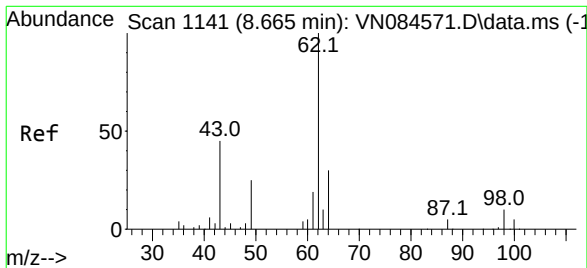
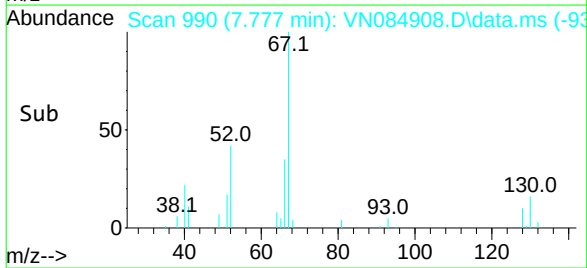
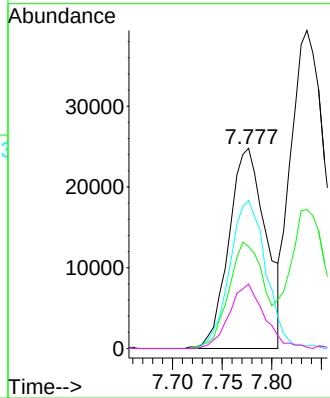
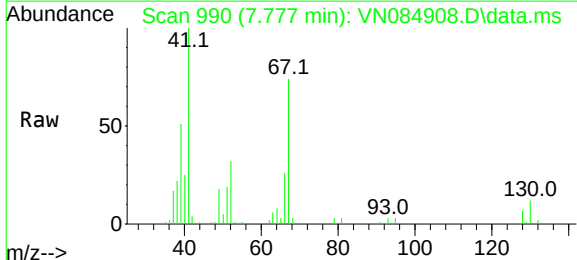
#41
Methacrylonitrile
Concen: 63.136 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion:	41	Resp:	64327
Ion	Ratio	Lower	Upper
41	100		
39	50.0	43.3	64.9
67	72.8	56.1	84.1
52	30.4	24.5	36.7

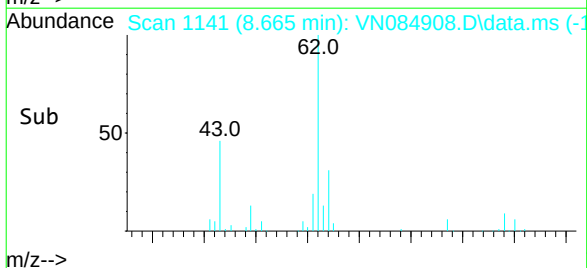
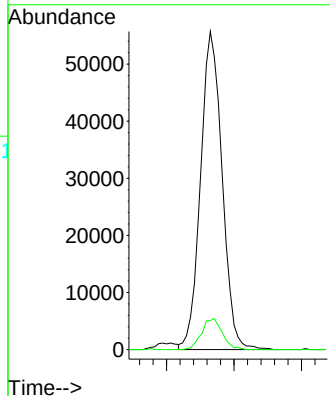
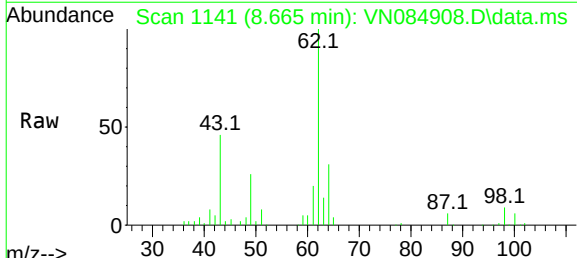
Manual Integrations
APPROVED

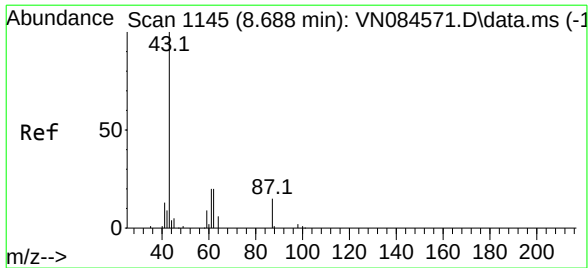
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#42
1,2-Dichloroethane
Concen: 56.972 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:	62	Resp:	123737
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





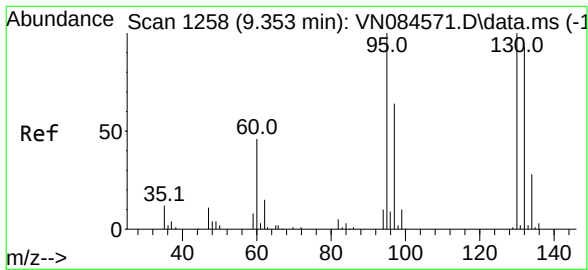
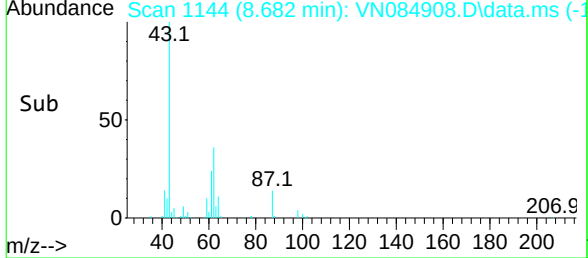
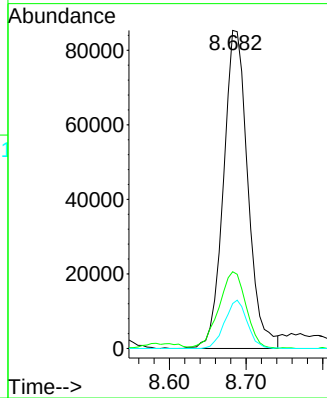
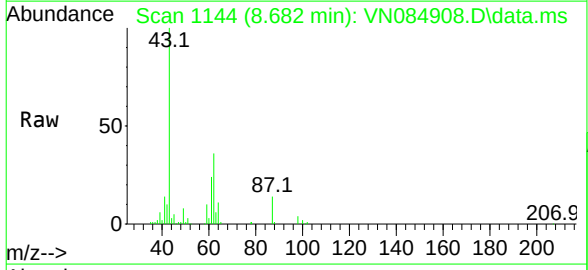
#43
Isopropyl Acetate
Concen: 53.928 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD

Tgt Ion: 43 Resp: 188497
Ion Ratio Lower Upper
43 100
61 27.1 20.4 30.6
87 14.0 10.3 15.5

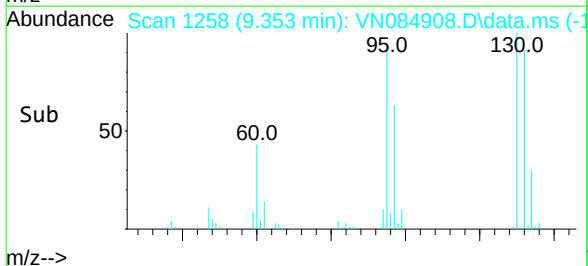
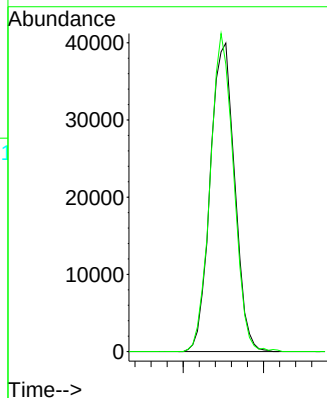
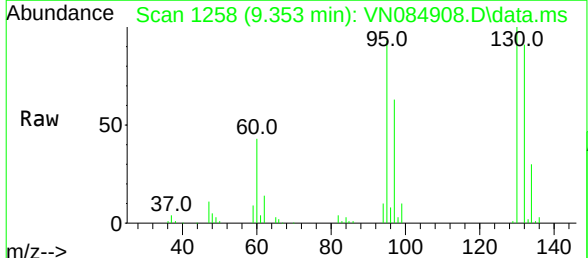
Manual Integrations
APPROVED

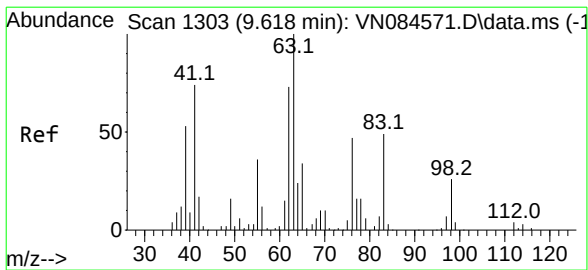
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#44
Trichloroethene
Concen: 54.608 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:130 Resp: 84459
Ion Ratio Lower Upper
130 100
95 93.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 55.280 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD

Tgt Ion: 63 Resp: 86965

Ion Ratio Lower Upper

63 100

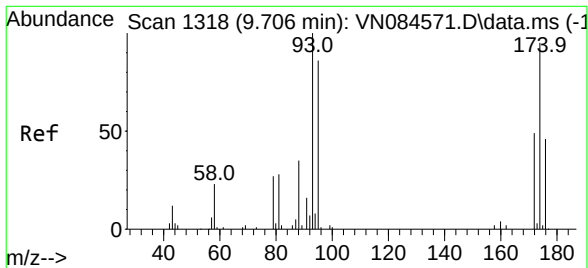
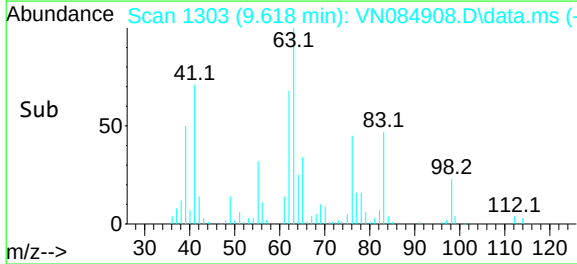
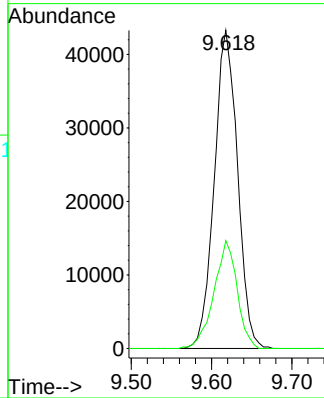
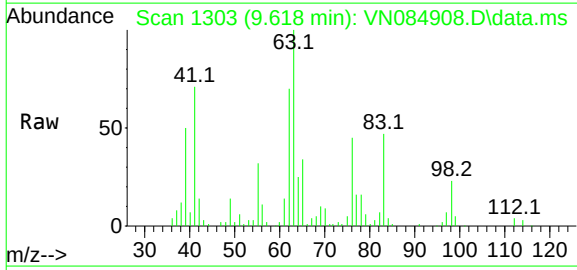
65 33.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#46

Dibromomethane

Concen: 56.393 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

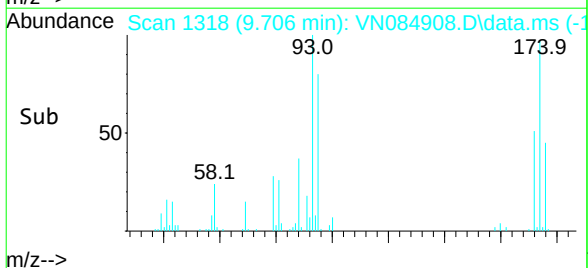
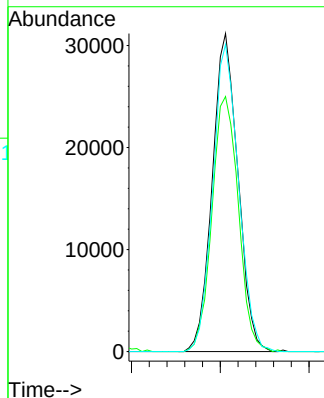
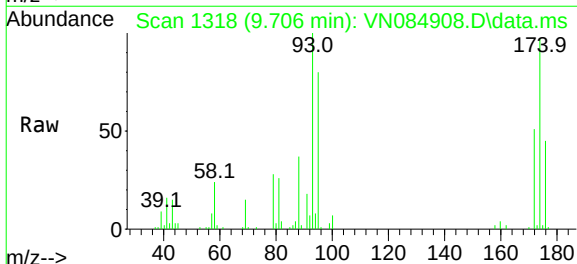
Tgt Ion: 93 Resp: 62601

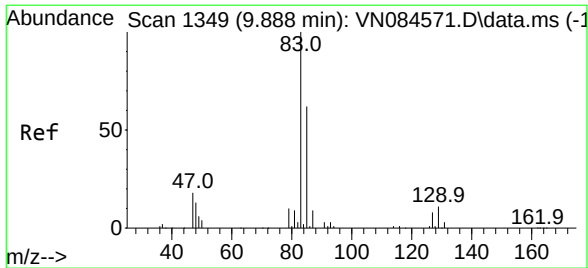
Ion Ratio Lower Upper

93 100

95 82.6 65.0 97.4

174 97.0 71.8 107.8





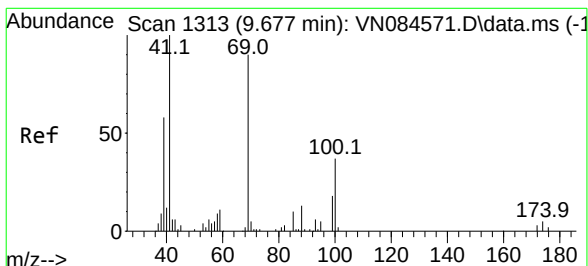
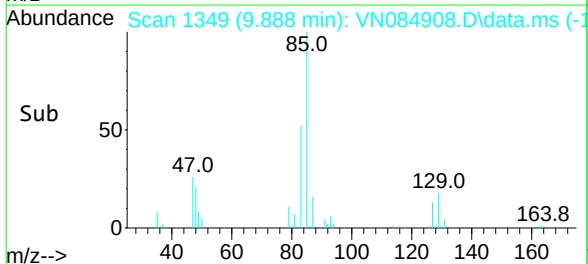
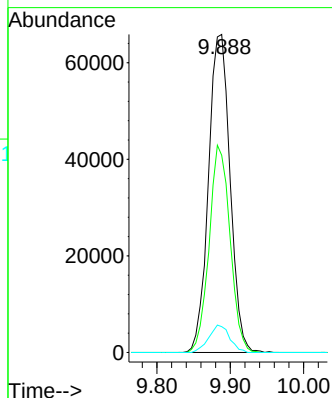
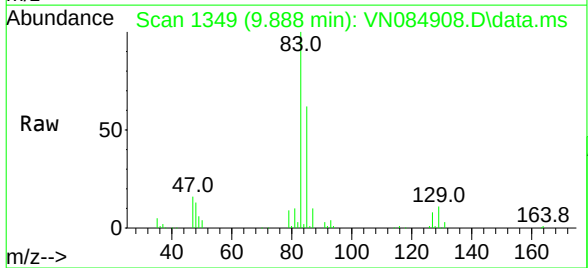
#47
Bromodichloromethane
Concen: 57.565 ug/l
RT: 9.888 min Scan# 1347
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD

Tgt Ion:	83	Resp:	134701
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.5	77.3
127	8.1	5.7	8.5

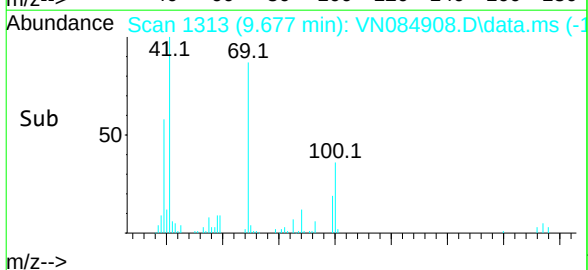
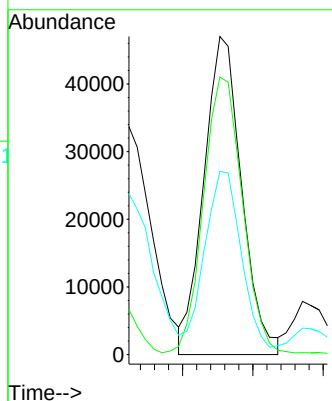
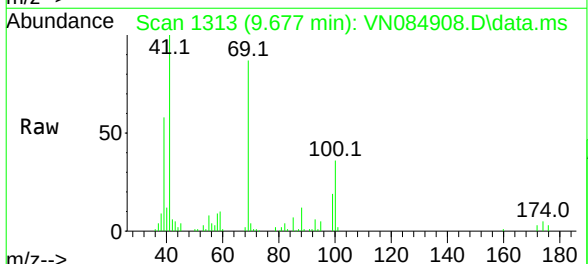
Manual Integrations
APPROVED

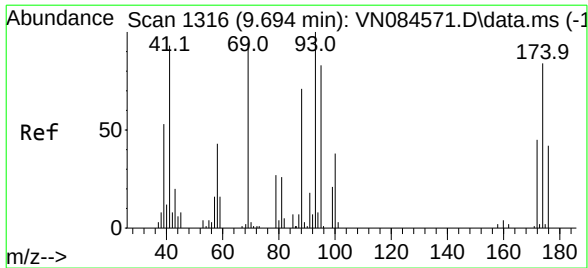
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#48
Methyl methacrylate
Concen: 59.556 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

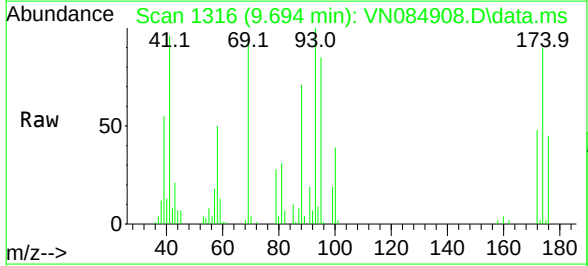
Tgt Ion:	41	Resp:	87819
Ion	Ratio	Lower	Upper
41	100		
69	90.8	67.1	100.7
39	57.0	45.8	68.6





#49
1,4-Dioxane
Concen: 1307.072 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

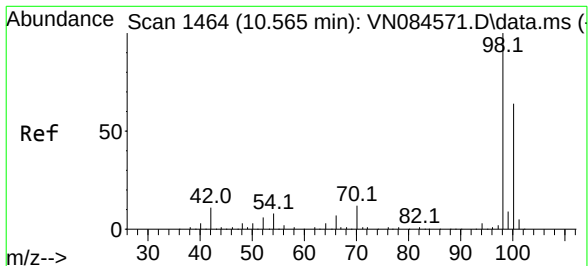
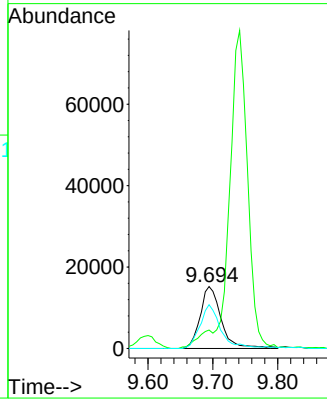
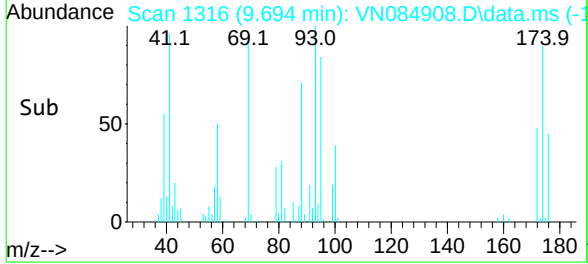
Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD



Tgt Ion: 88 Resp: 34154
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 69.5 56.4 84.6

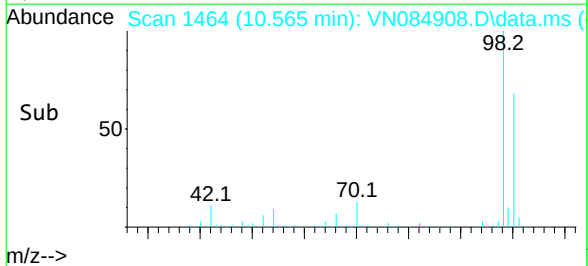
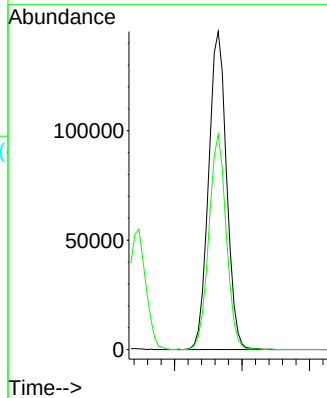
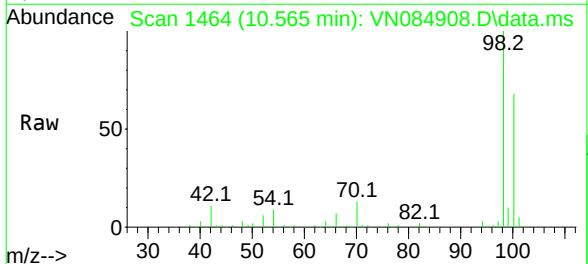
Manual Integrations
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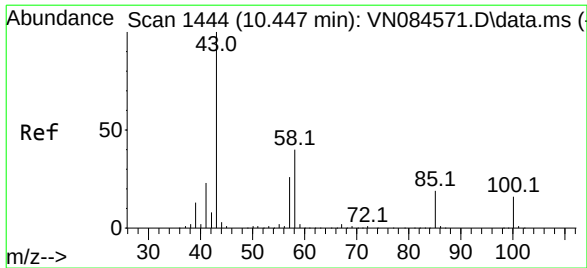
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#50
Toluene-d8
Concen: 48.478 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 98 Resp: 268888
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1





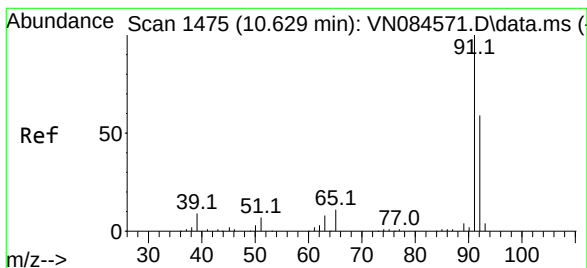
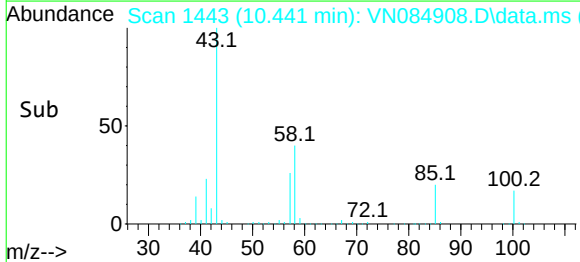
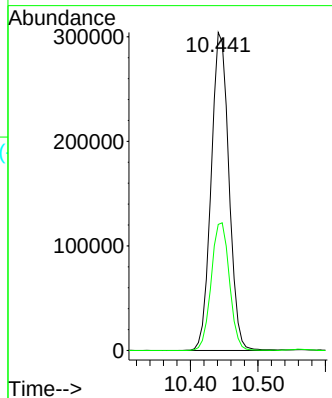
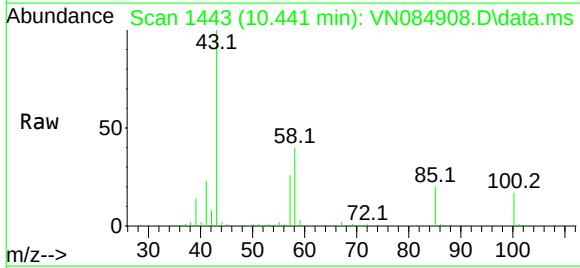
#51
4-Methyl-2-Pentanone
Concen: 307.615 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion: 43 Resp: 555608
Ion Ratio Lower Upper
43 100
58 41.3 31.6 47.4

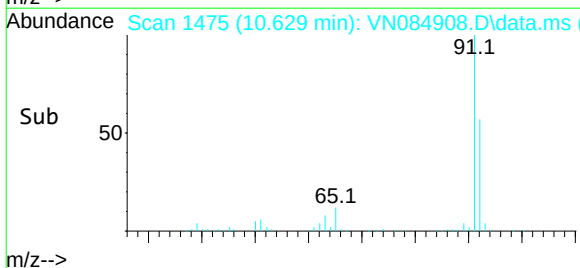
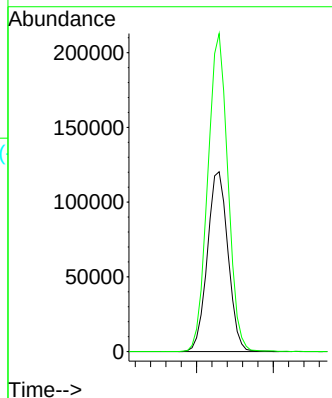
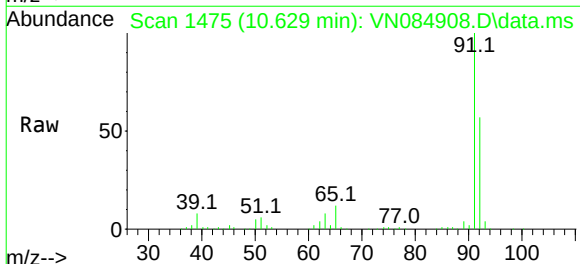
Manual Integrations
APPROVED

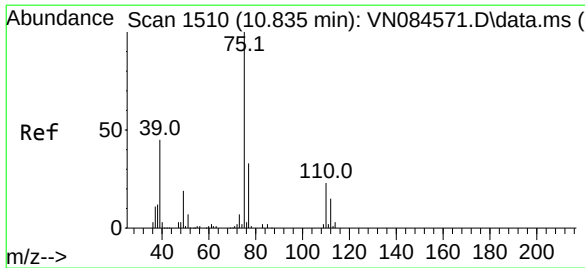
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#52
Toluene
Concen: 57.373 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

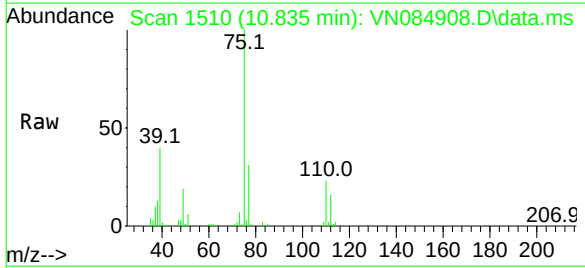
Tgt Ion: 92 Resp: 225028
Ion Ratio Lower Upper
92 100
91 172.6 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 54.052 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

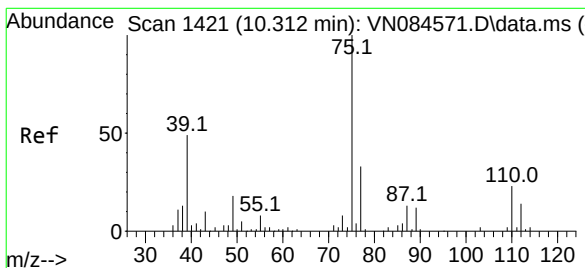
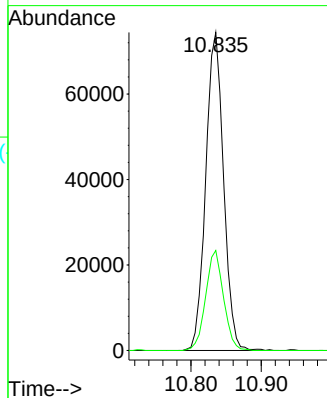
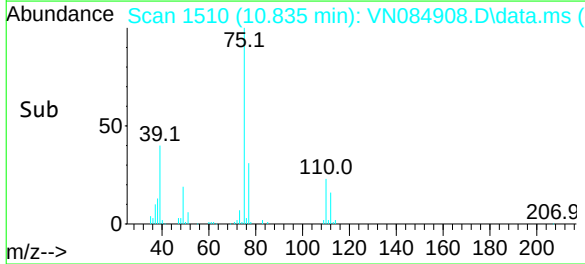
Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD



Tgt Ion: 75 Resp: 130922
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

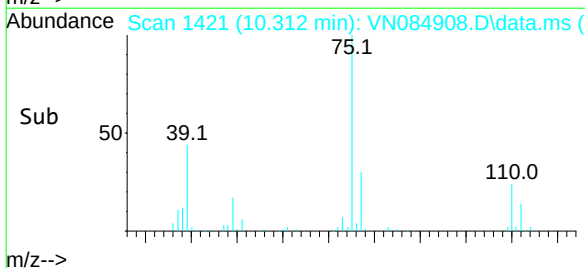
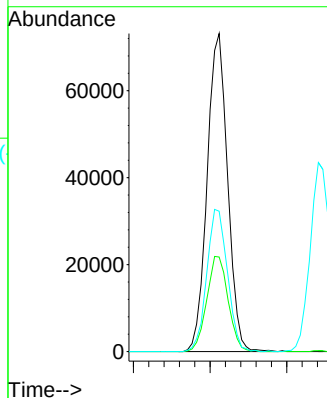
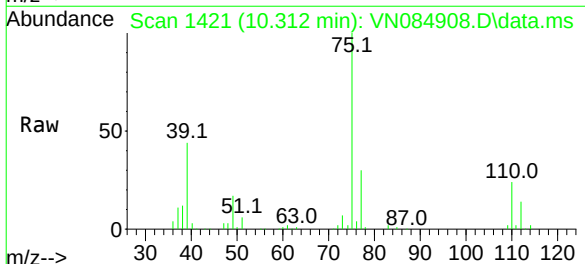
Manual Integrations
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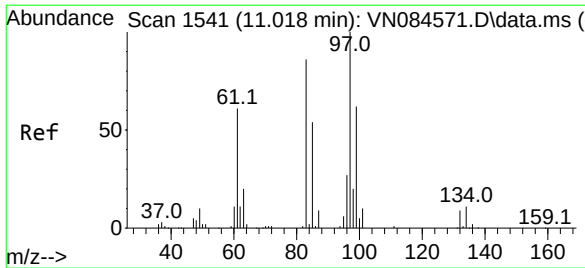
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#54
cis-1,3-Dichloropropene
Concen: 52.855 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

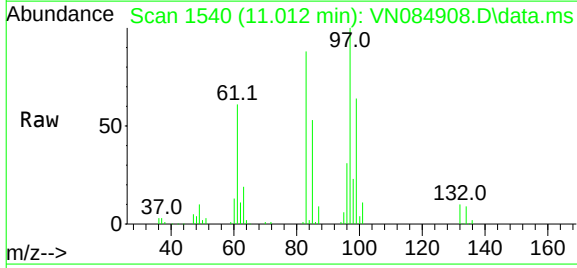
Tgt Ion: 75 Resp: 135498
Ion Ratio Lower Upper
75 100
77 29.7 24.2 36.2
39 44.1 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 56.968 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

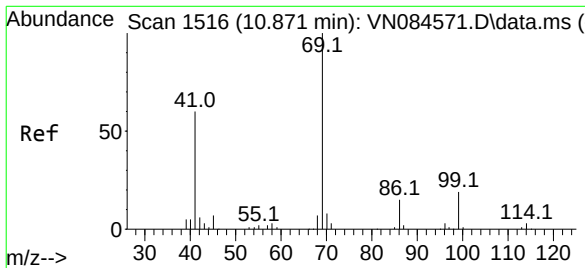
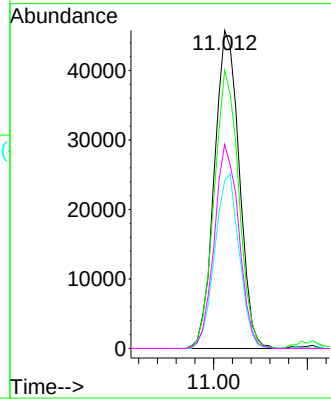
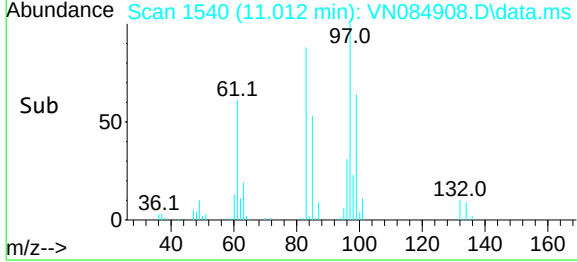
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion:	97	Resp:	84167
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.0	106.4
85	52.7	41.7	62.5
99	64.2	50.1	75.1

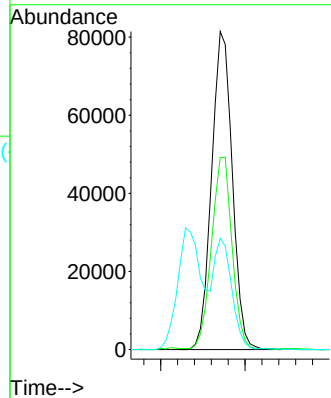
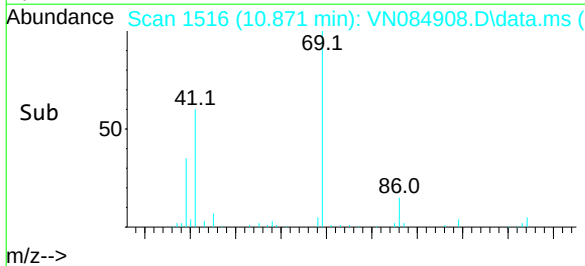
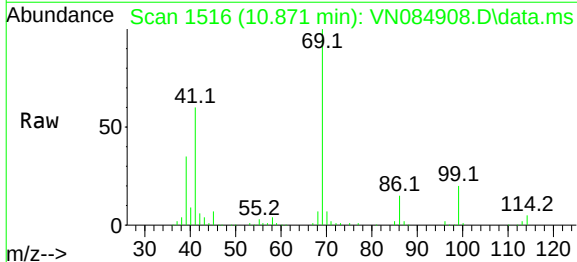
Manual Integrations
APPROVED

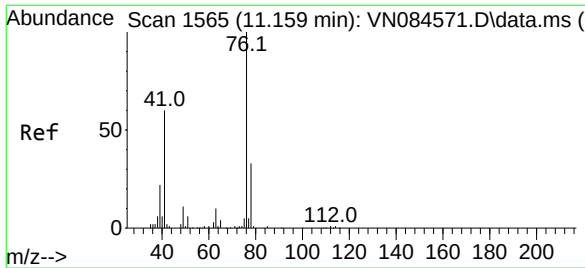
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#56
Ethyl methacrylate
Concen: 64.927 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

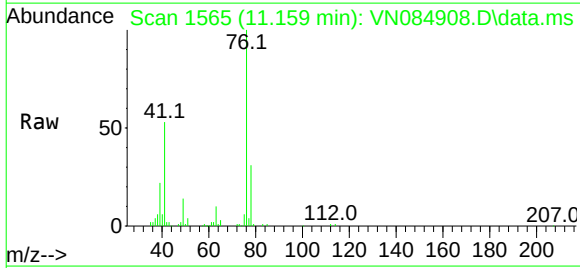
Tgt Ion:	69	Resp:	138753
Ion	Ratio	Lower	Upper
69	100		
41	60.5	53.3	79.9
39	29.3	28.8	43.2





#57
1,3-Dichloropropane
Concen: 57.395 ug/l
RT: 11.159 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

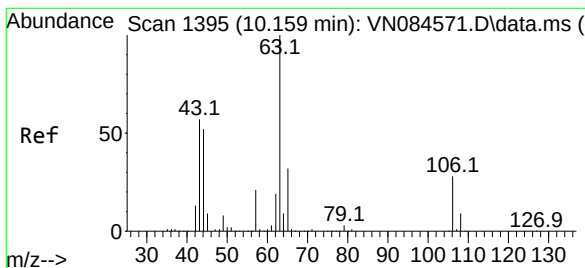
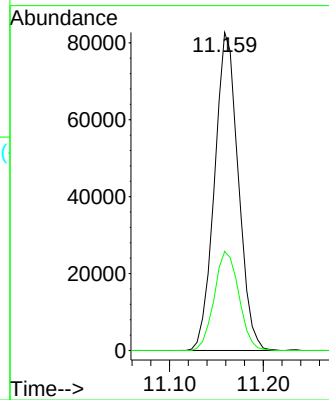
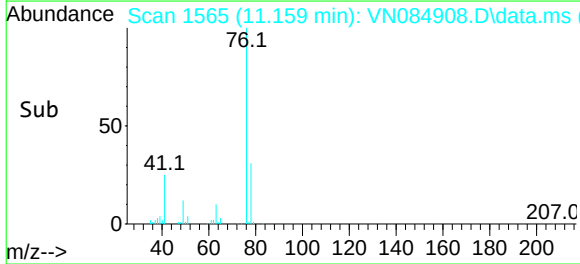
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion: 76 Resp: 145534
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

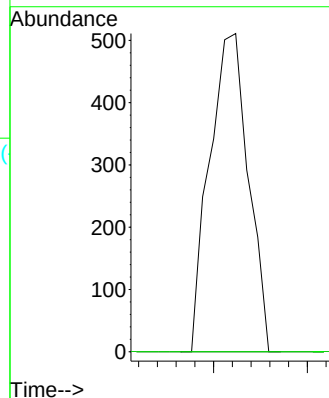
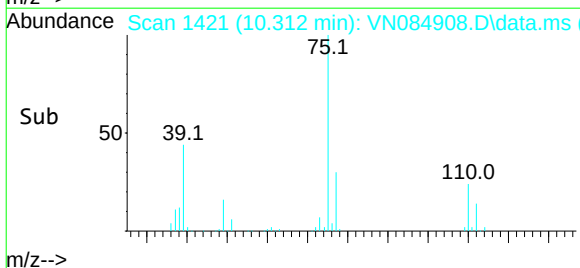
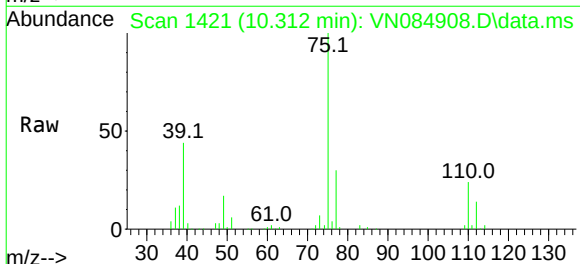
Manual Integrations
APPROVED

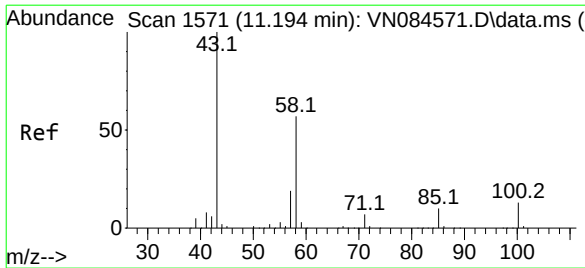
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 0.734 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.153 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 63 Resp: 734
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#





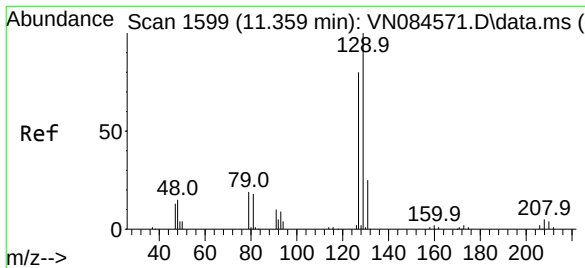
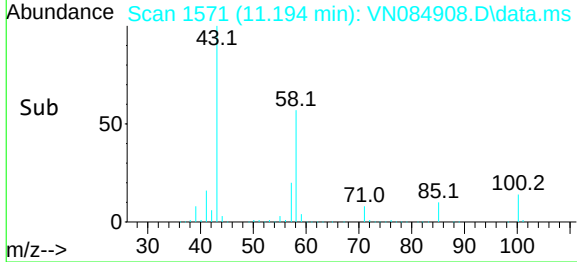
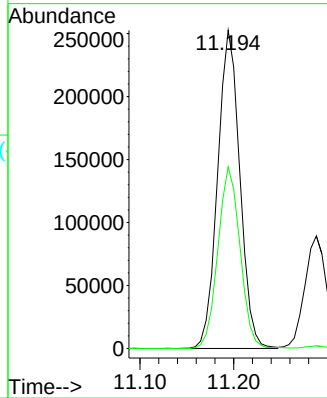
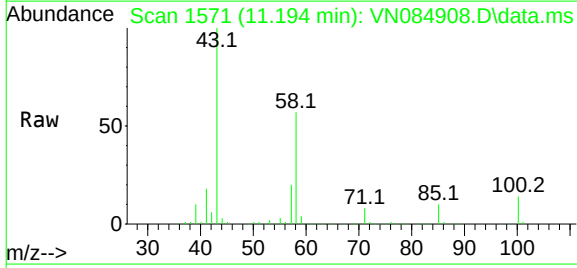
#59
2-Hexanone
Concen: 316.407 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion: 43 Resp: 415977
Ion Ratio Lower Upper
43 100
58 56.8 27.3 81.8

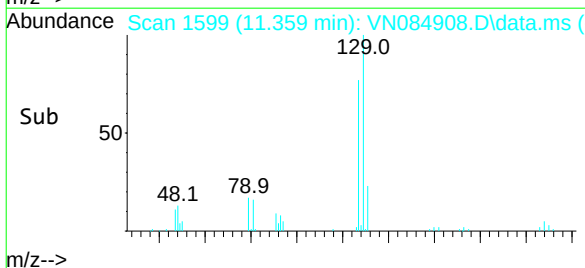
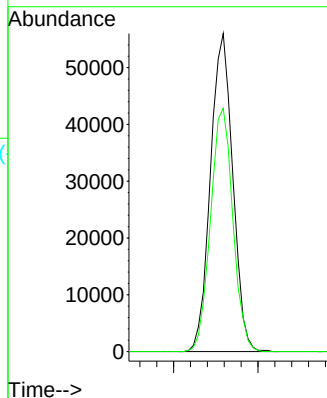
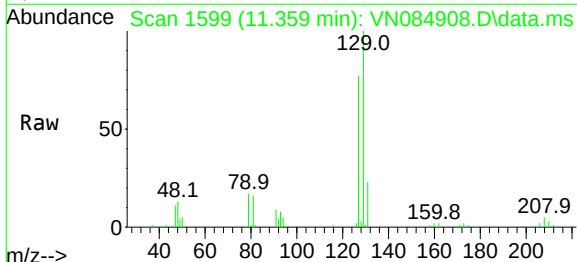
Manual Integrations
APPROVED

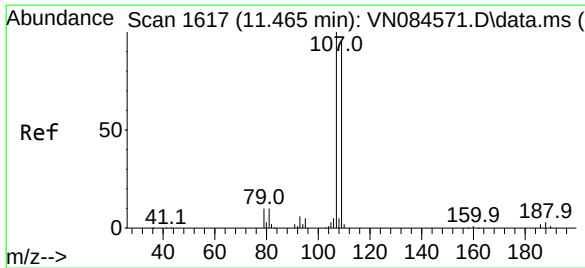
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#60
Dibromochloromethane
Concen: 61.045 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:129 Resp: 102791
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





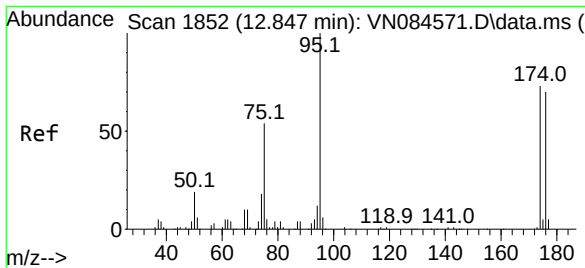
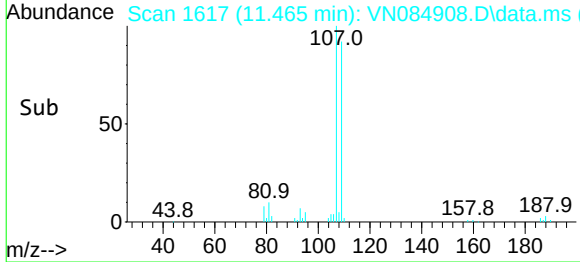
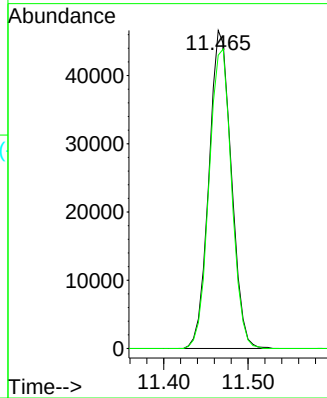
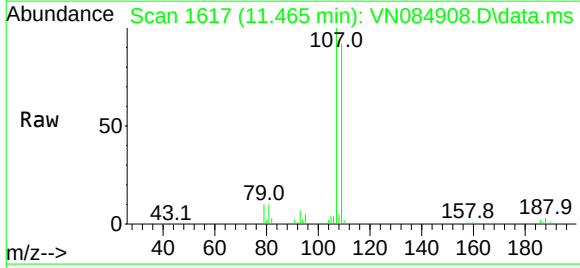
#61
1,2-Dibromoethane
Concen: 56.840 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion: 107 Resp: 85996
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.0

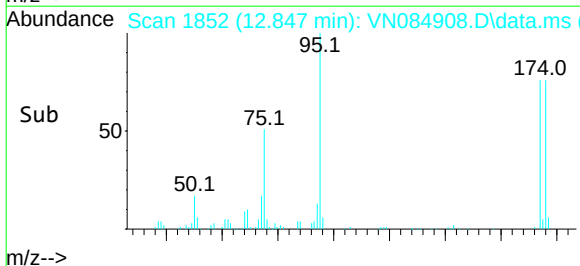
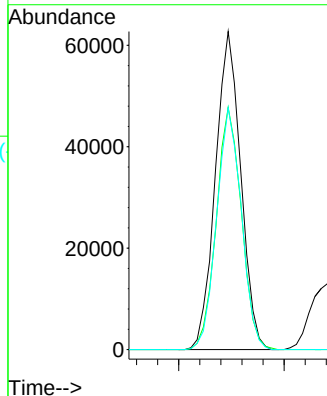
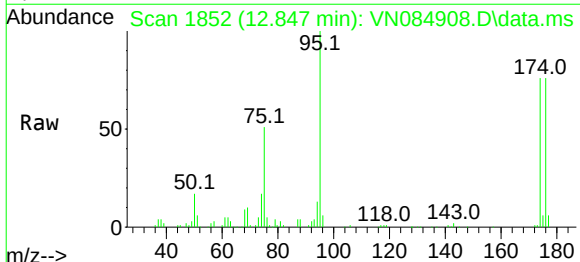
Manual Integrations
APPROVED

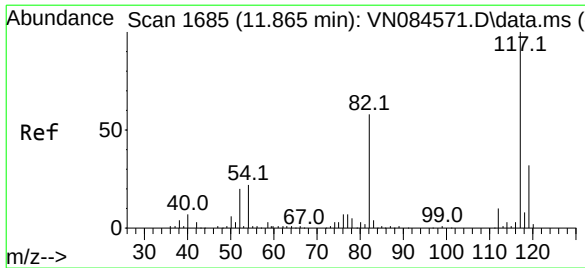
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#62
4-Bromofluorobenzene
Concen: 50.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 95 Resp: 104788
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.2
176 74.1 0.0 140.0





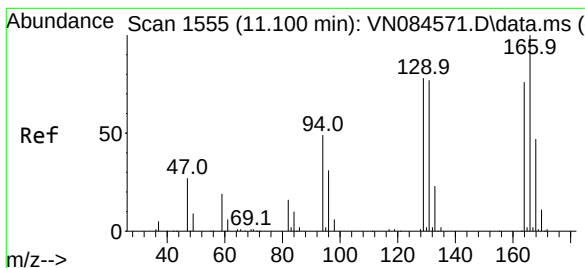
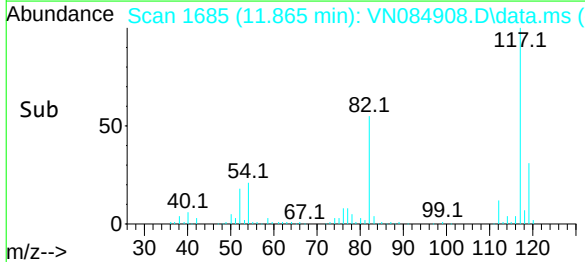
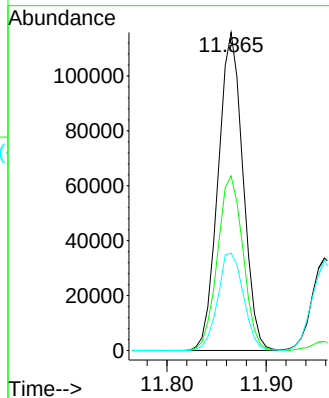
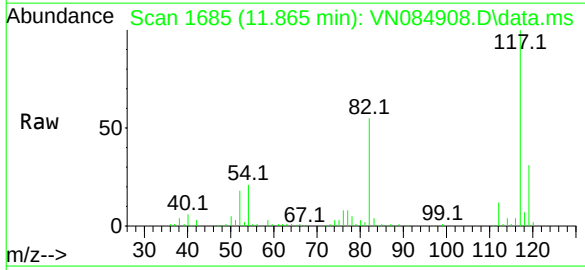
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD

Tgt Ion:117 Resp: 201565
Ion Ratio Lower Upper
117 100
82 54.9 47.2 70.8
119 30.6 25.4 38.0

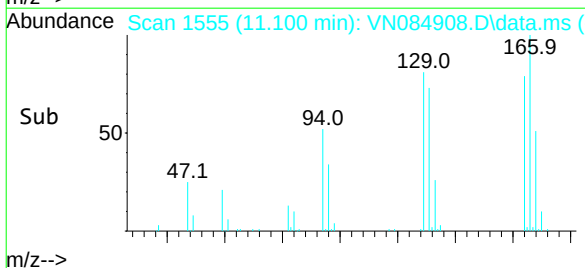
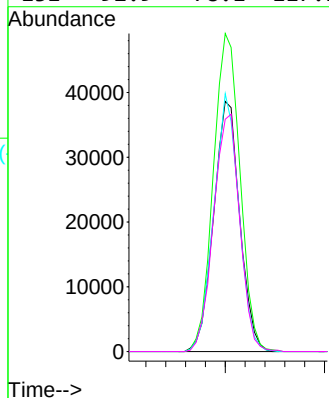
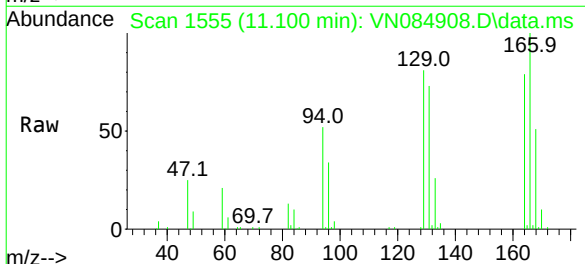
Manual Integrations
APPROVED

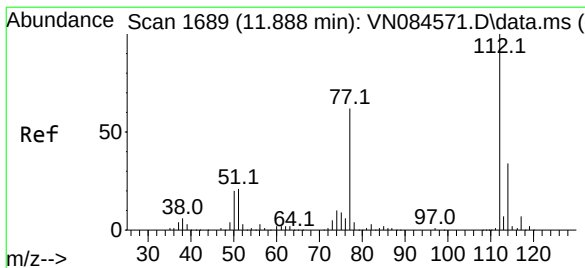
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#64
Tetrachloroethene
Concen: 52.698 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

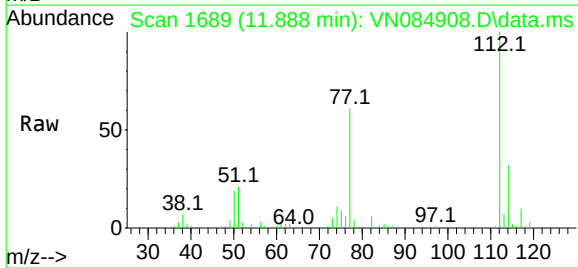
Tgt Ion:164 Resp: 70654
Ion Ratio Lower Upper
164 100
166 127.1 101.0 151.4
129 103.1 80.8 121.2
131 92.9 78.1 117.1





#65
Chlorobenzene
Concen: 53.370 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

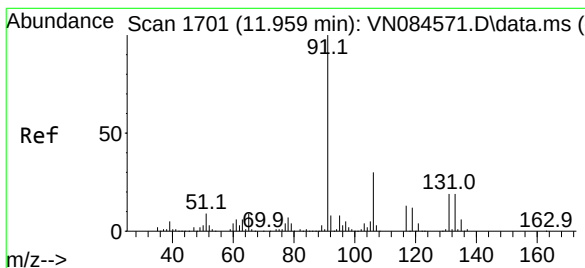
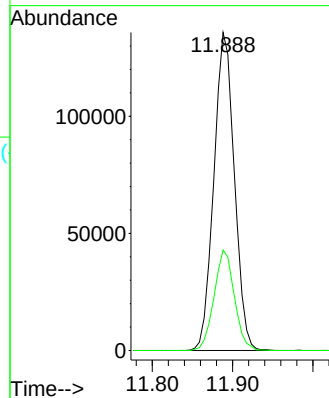
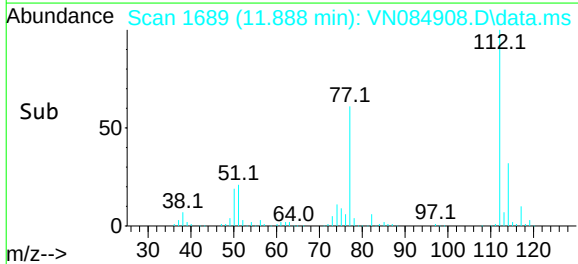
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion:112 Resp: 240666
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.6

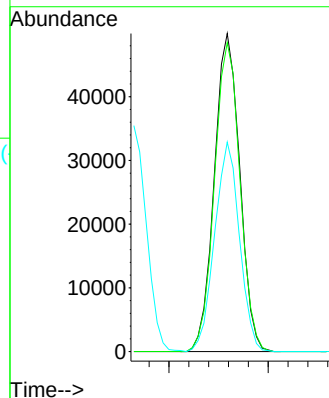
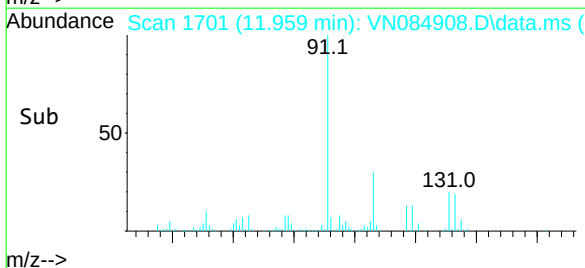
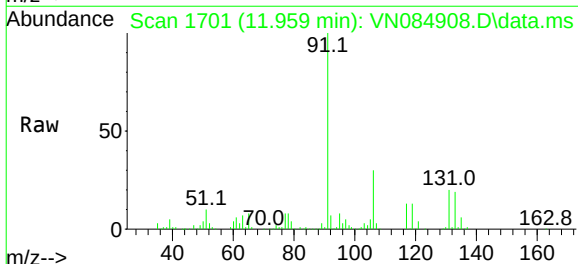
Manual Integrations
APPROVED

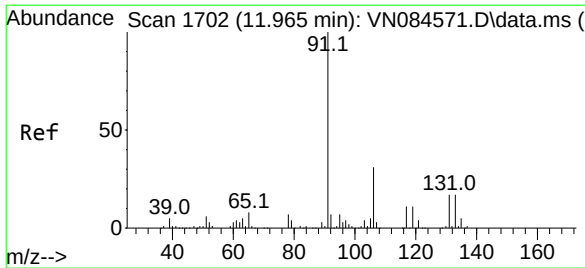
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 56.644 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:131 Resp: 88847
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.7
119 64.4 32.8 98.3





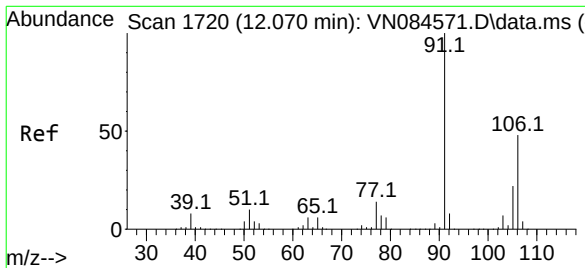
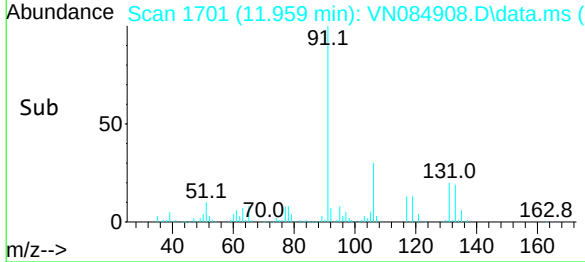
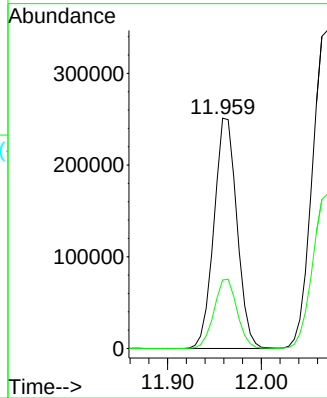
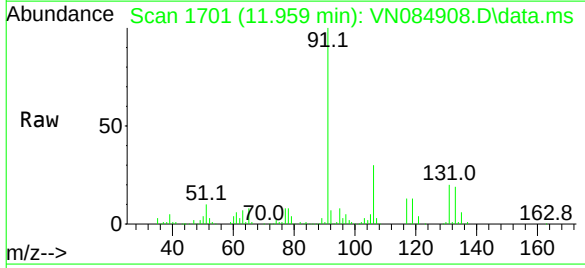
#67
Ethyl Benzene
Concen: 56.845 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion: 91 Resp: 427880
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

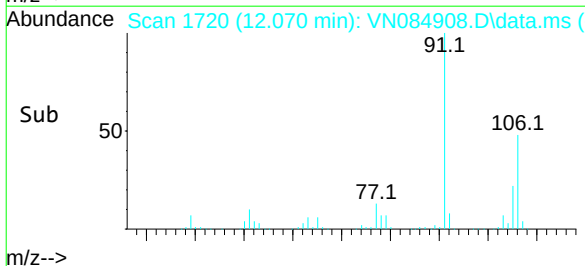
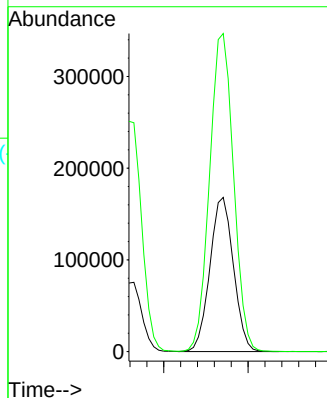
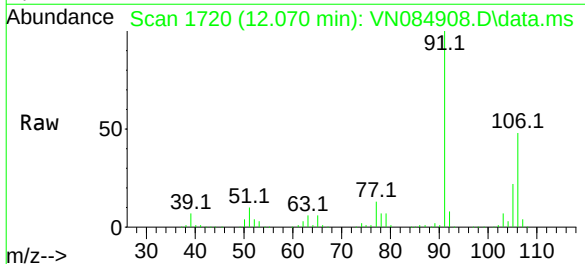
Manual Integrations
APPROVED

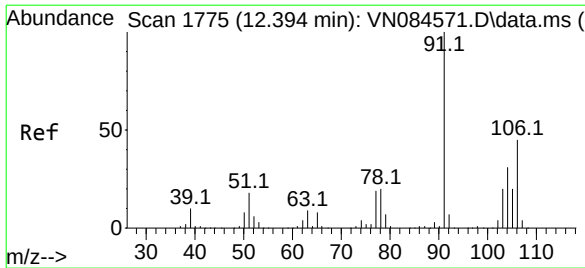
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#68
m/p-Xylenes
Concen: 114.681 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:106 Resp: 326803
Ion Ratio Lower Upper
106 100
91 209.4 167.1 250.7





#69

o-Xylene

Concen: 59.752 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD

Tgt Ion:106 Resp: 159287

Ion Ratio Lower Upper

106 100

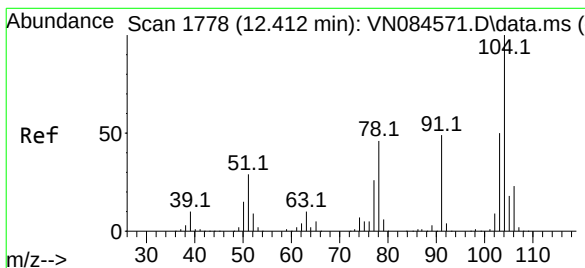
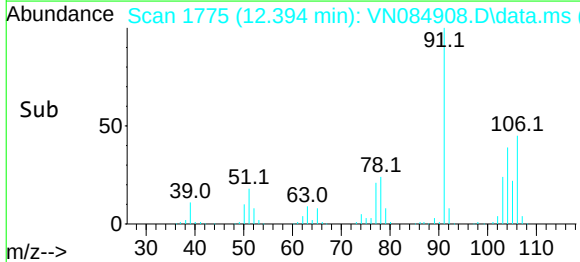
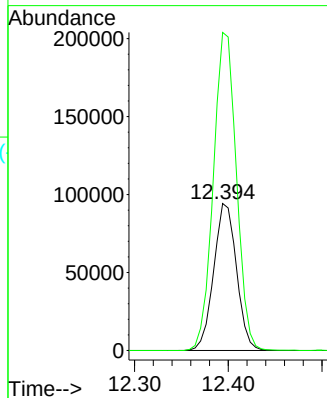
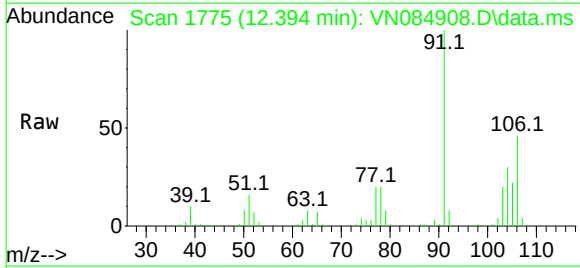
91 218.8 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#70

Styrene

Concen: 58.190 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

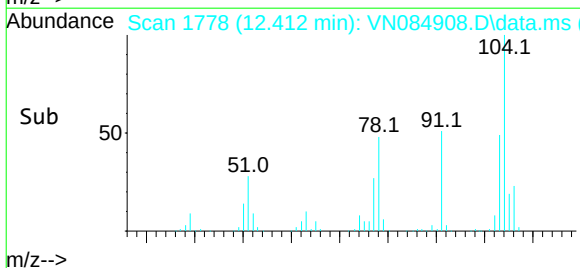
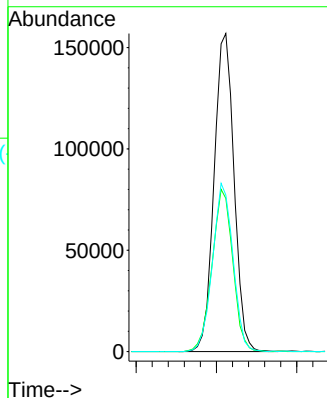
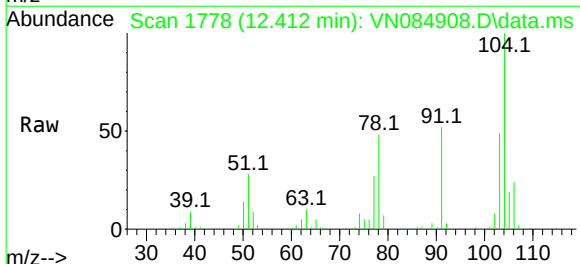
Tgt Ion:104 Resp: 270604

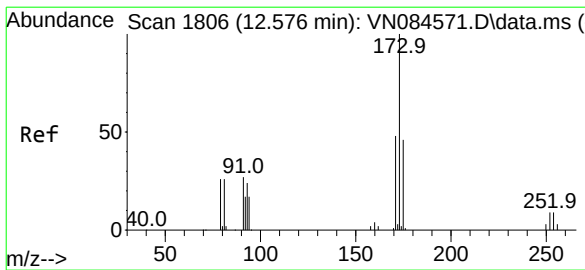
Ion Ratio Lower Upper

104 100

78 53.0 42.7 64.1

103 54.3 43.6 65.4





#71

Bromoform

Concen: 59.172 ug/l

RT: 12.576 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

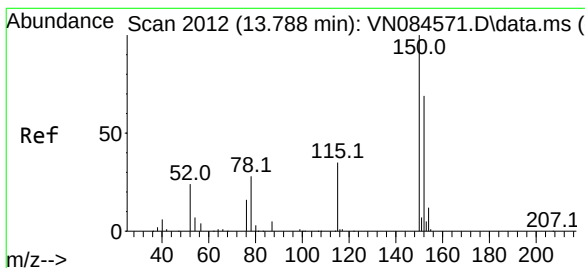
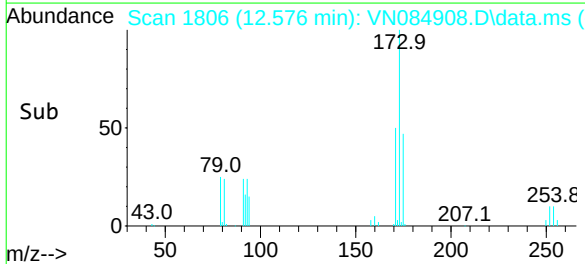
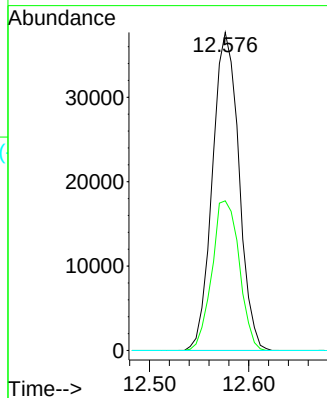
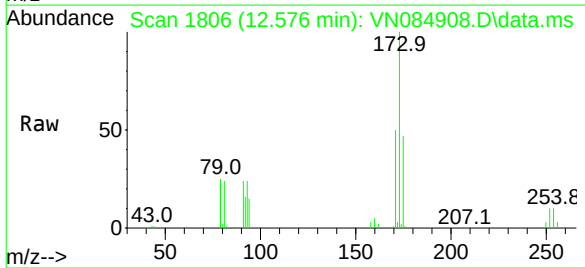
ClientSampleId :

FSND-MW-23-20241112MSD

Tgt Ion:	173	Resp:	69838
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

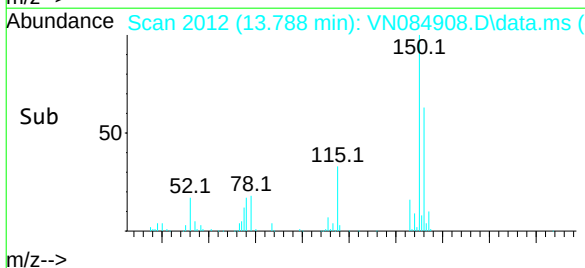
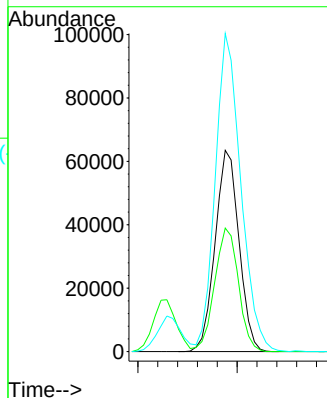
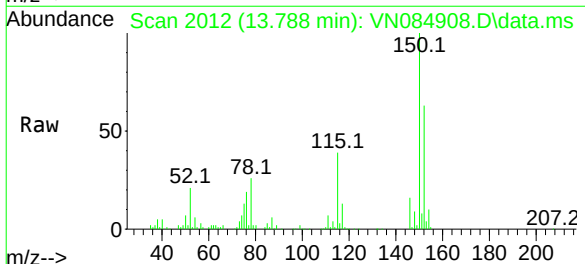
RT: 13.788 min Scan# 2012

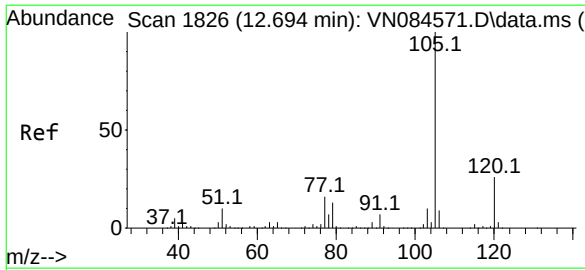
Delta R.T. 0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Tgt Ion:	152	Resp:	105985
Ion Ratio	Lower	Upper	
152	100		
115	61.3	31.3	93.9
150	169.3	0.0	349.8





#73

Isopropylbenzene

Concen: 54.145 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084908.D

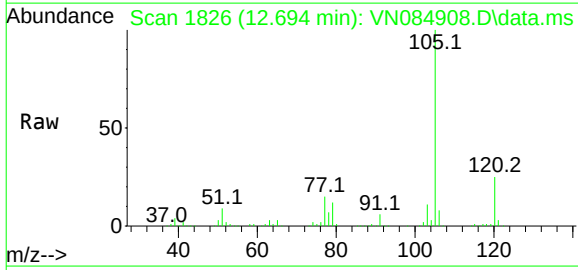
Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD



Tgt Ion: 105 Resp: 402146

Ion Ratio Lower Upper

105 100

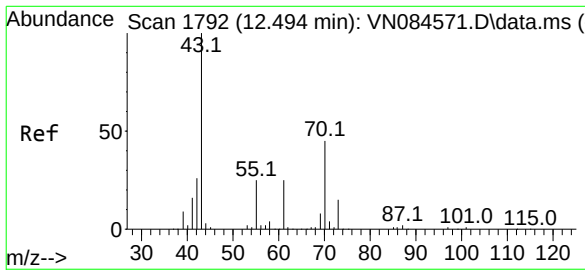
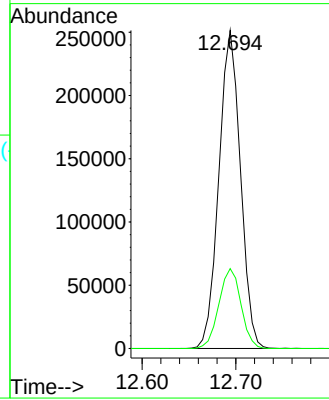
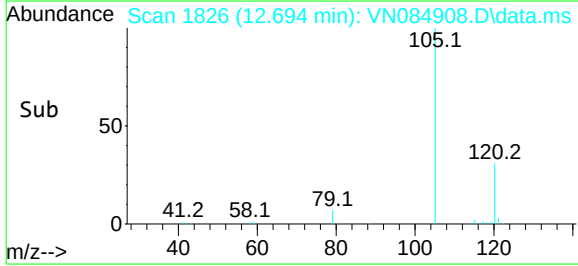
120 25.7 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#74

N-ethyl acetate

Concen: 48.744 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Tgt Ion: 43 Resp: 154087

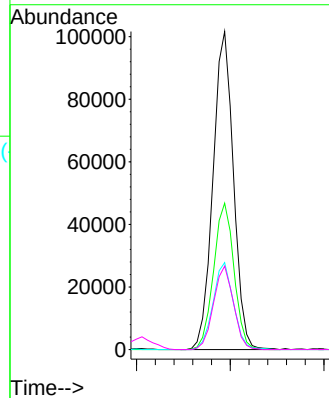
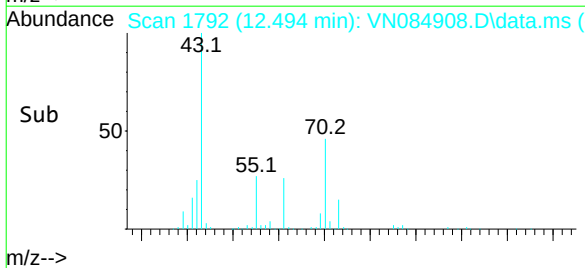
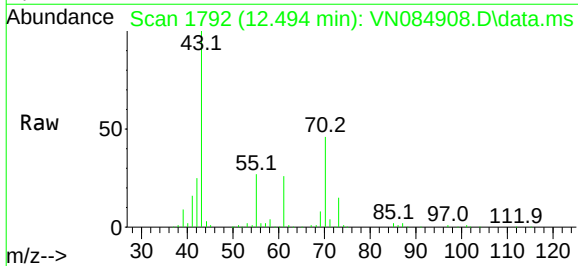
Ion Ratio Lower Upper

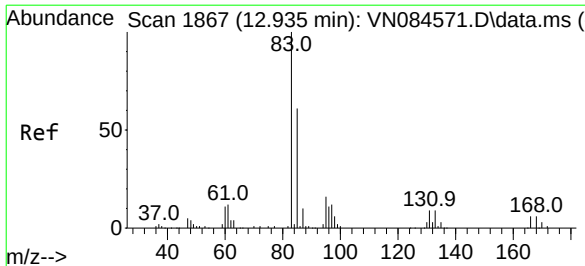
43 100

70 46.0 34.4 51.6

55 27.3 19.6 29.4

61 25.6 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.592 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD

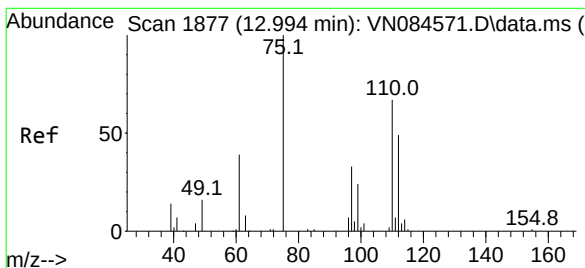
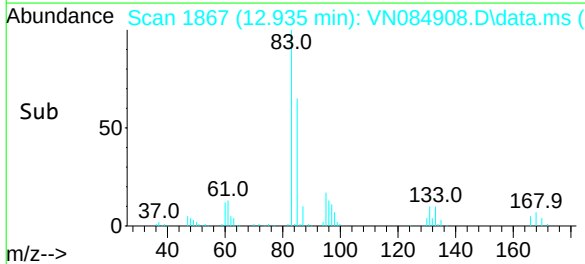
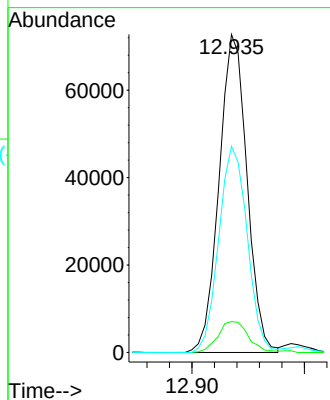
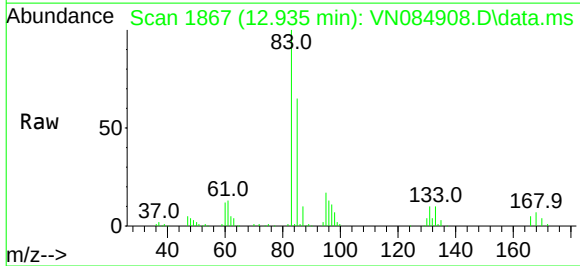
Tgt Ion:	83	Resp:	125423
Ion Ratio	Lower	Upper	
83	100		
131	10.8	4.9	14.7
85	66.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#76

1,2,3-Trichloropropane

Concen: 49.460 ug/l m

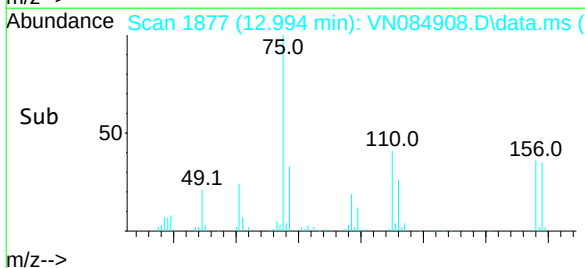
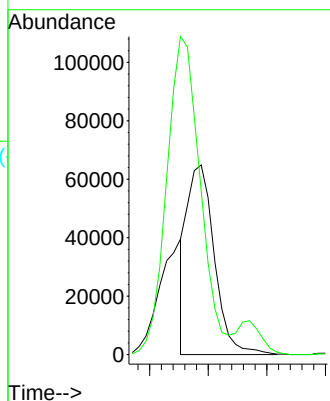
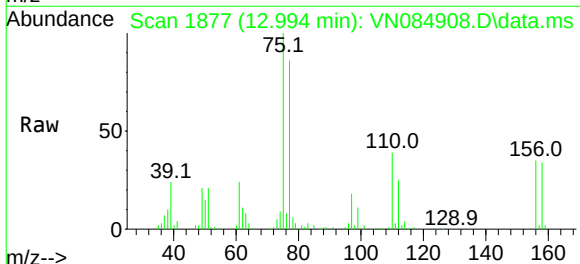
RT: 12.994 min Scan# 1877

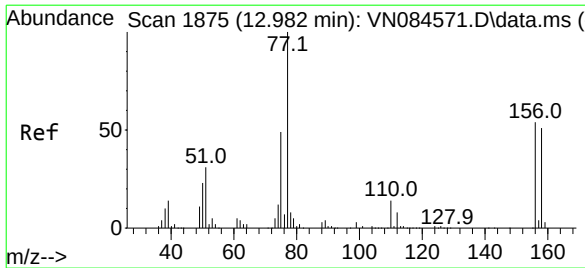
Delta R.T. 0.006 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

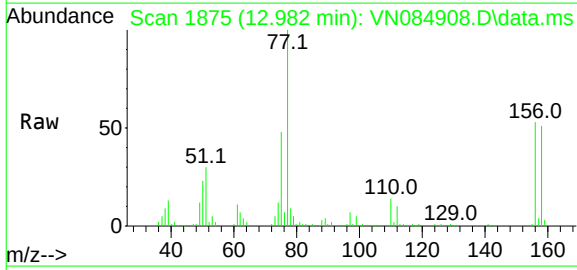
Tgt Ion:	75	Resp:	104786
Ion Ratio	Lower	Upper	
75	100		
77	206.5	96.9	290.7





#77
Bromobenzene
Concen: 49.525 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

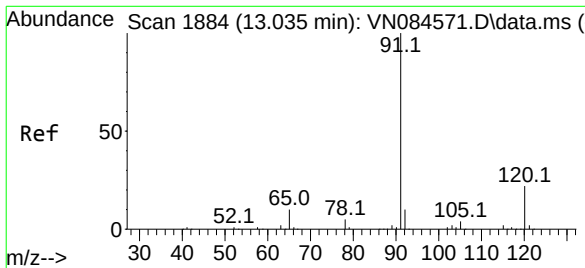
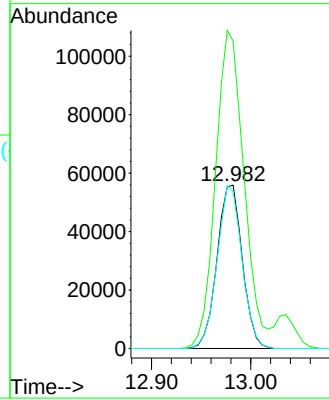
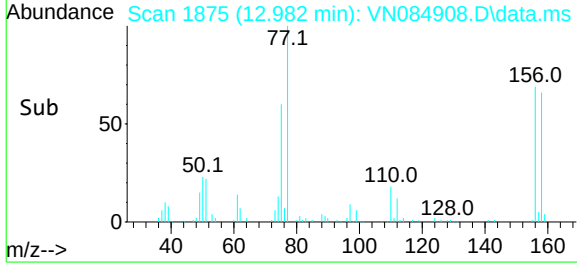
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion: 156 Resp: 98884
Ion Ratio Lower Upper
156 100
77 218.9 115.1 345.3
158 97.8 48.9 146.8

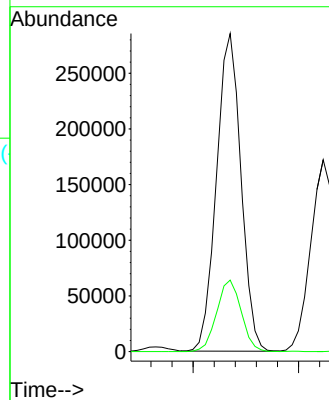
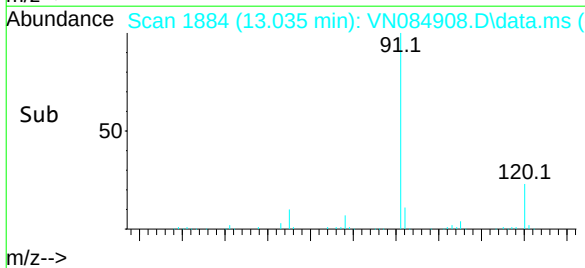
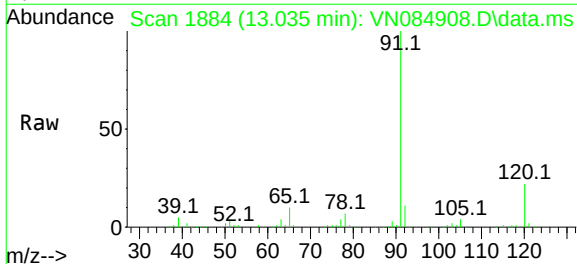
Manual Integrations
APPROVED

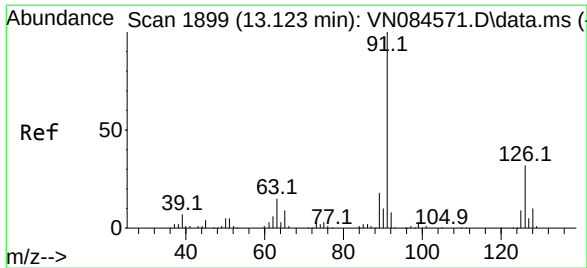
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#78
n-propylbenzene
Concen: 52.889 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion: 91 Resp: 460312
Ion Ratio Lower Upper
91 100
120 22.5 10.8 32.4





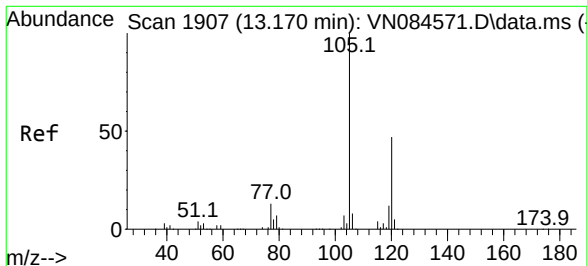
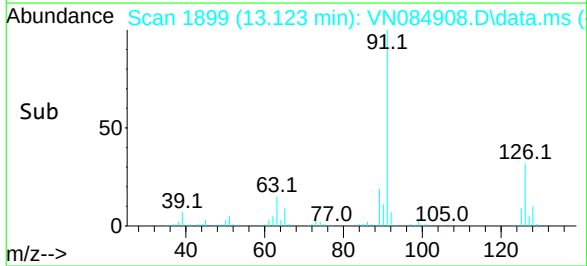
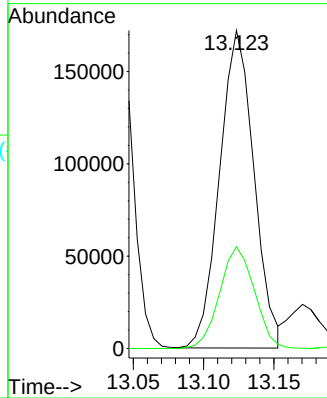
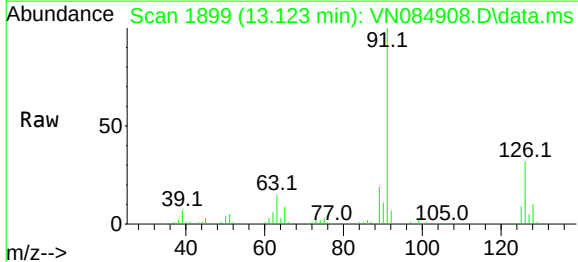
#79
2-Chlorotoluene
Concen: 51.363 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument : MSVOA_N
ClientSampleId : FSND-MW-23-20241112MSD

Tgt Ion: 91 Resp: 292096
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.1

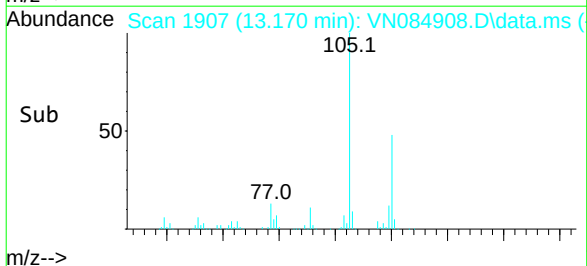
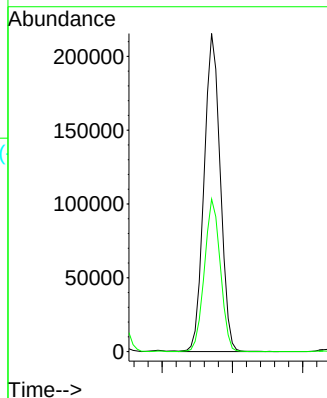
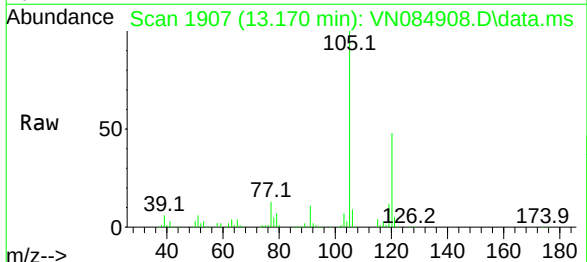
Manual Integrations
APPROVED

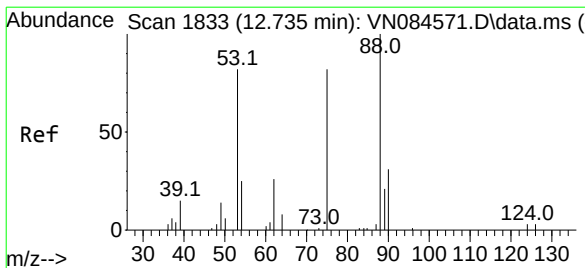
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.932 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

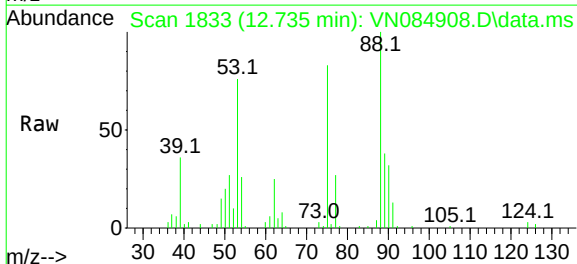
Tgt Ion:105 Resp: 344304
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.129 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

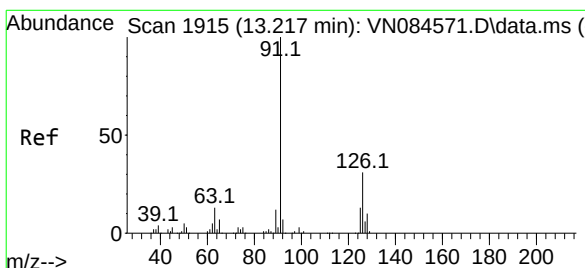
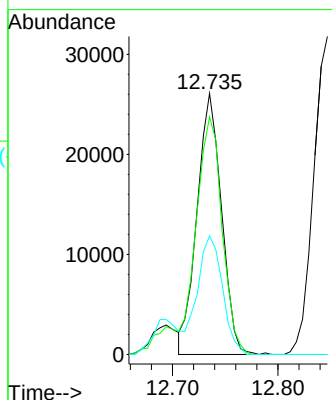
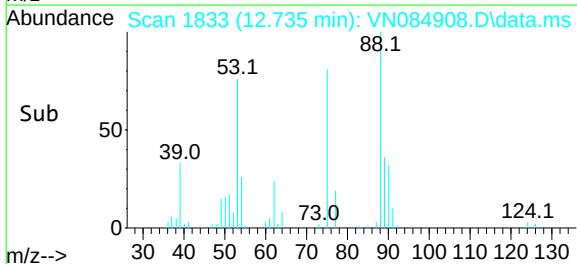
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion: 75 Resp: 42087
Ion Ratio Lower Upper
75 100
53 106.5 78.0 117.0
89 46.1 35.5 53.3

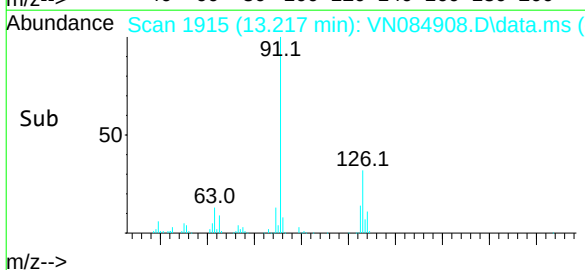
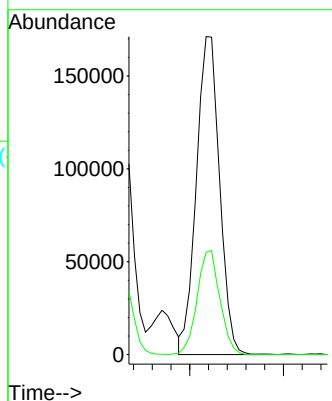
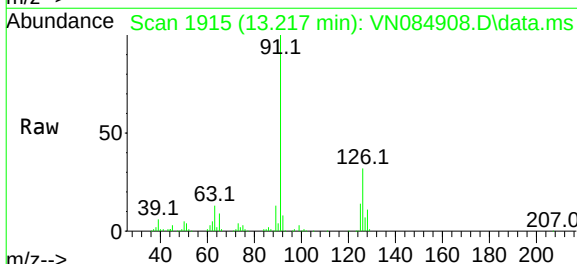
Manual Integrations
APPROVED

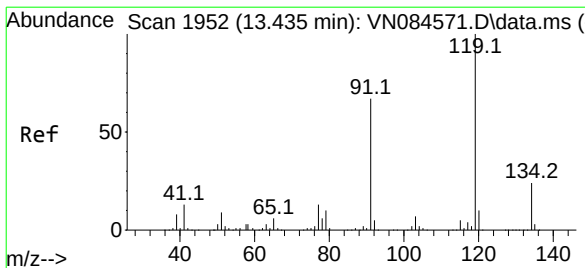
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#82
4-Chlorotoluene
Concen: 49.217 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

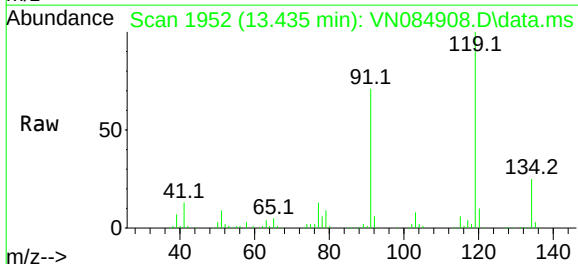
Tgt Ion: 91 Resp: 294554
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1





#83
tert-Butylbenzene
Concen: 55.418 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

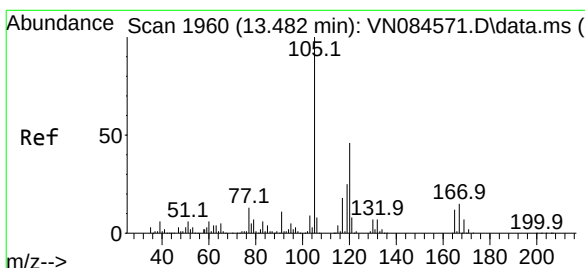
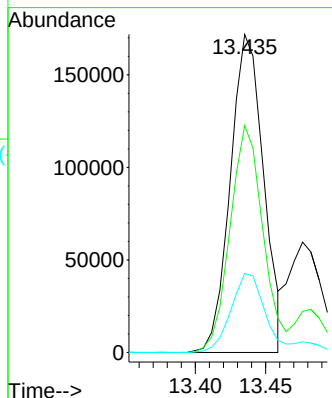
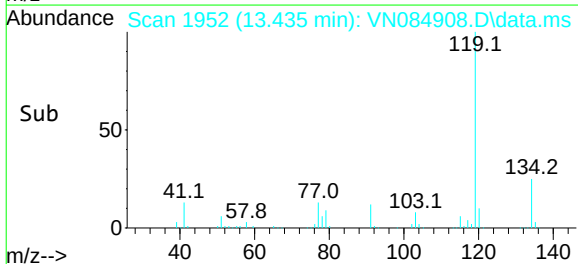
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD



Tgt Ion:119 Resp: 282332
Ion Ratio Lower Upper
119 100
91 70.9 34.1 102.3
134 25.7 12.8 38.4

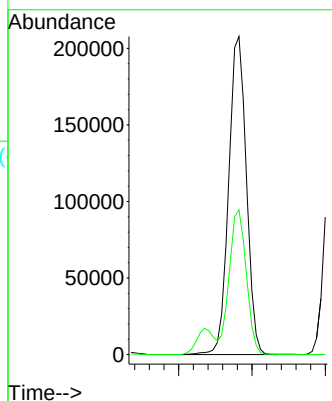
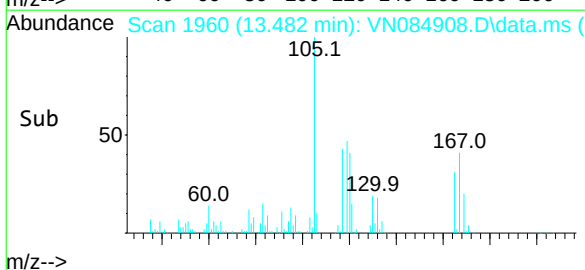
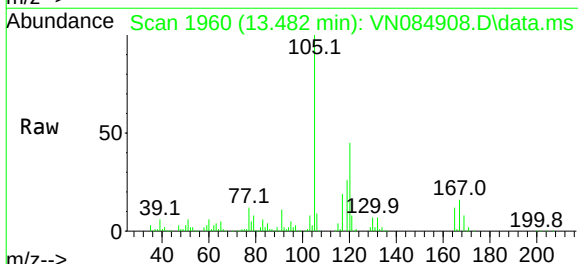
Manual Integrations
APPROVED

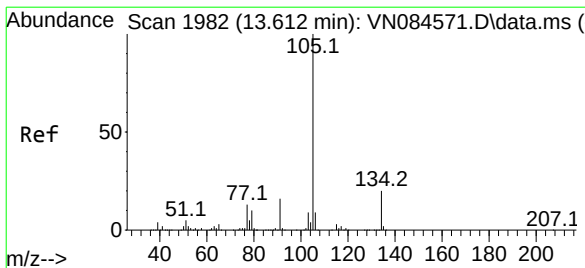
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 54.758 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:105 Resp: 347897
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 54.162 ug/l

RT: 13.617 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD

Tgt Ion:105 Resp: 389774

Ion Ratio Lower Upper

105 100

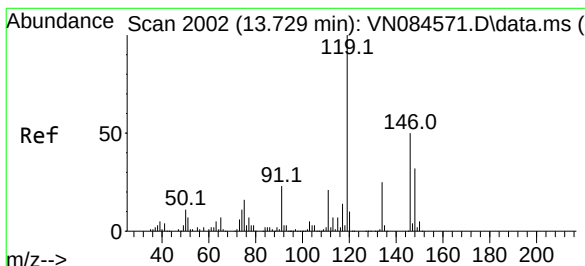
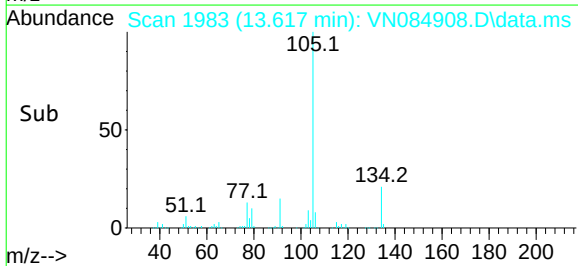
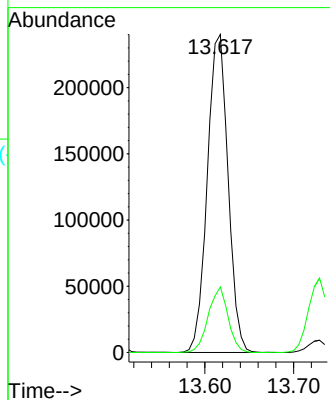
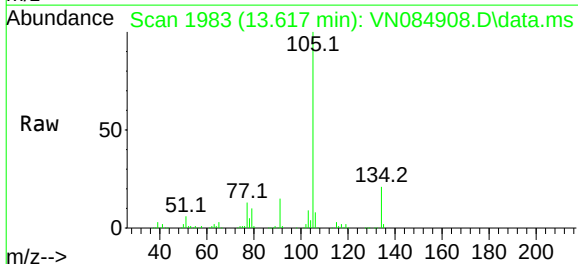
134 19.6 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#86

p-Isopropyltoluene

Concen: 55.785 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

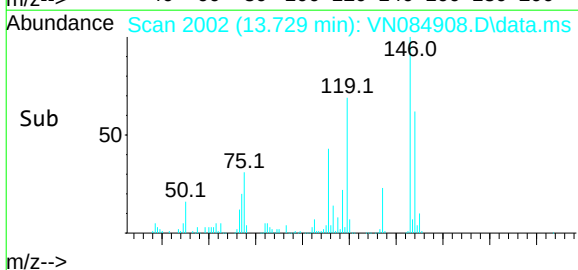
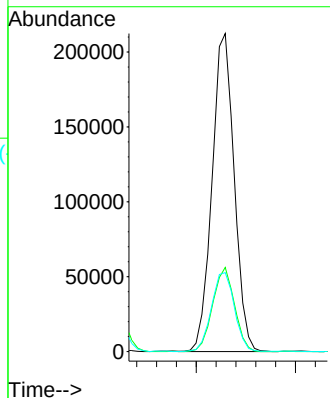
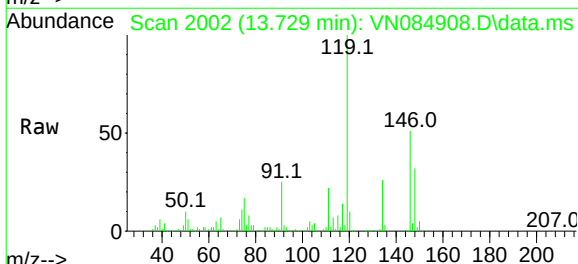
Tgt Ion:119 Resp: 329244

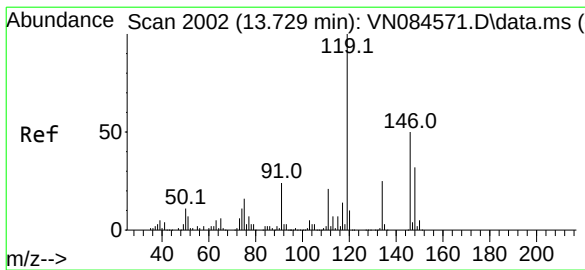
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.298 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD

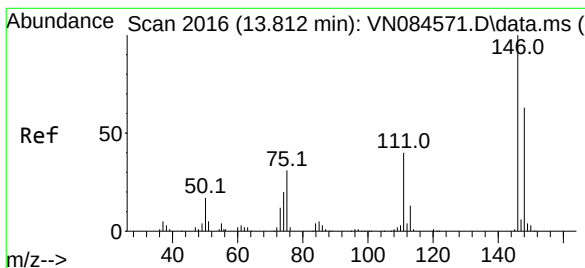
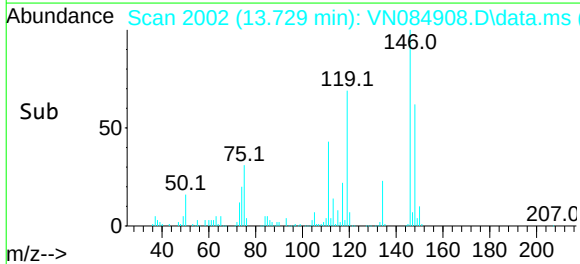
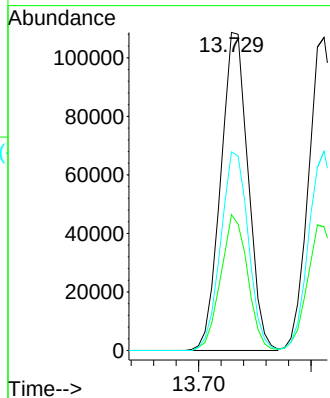
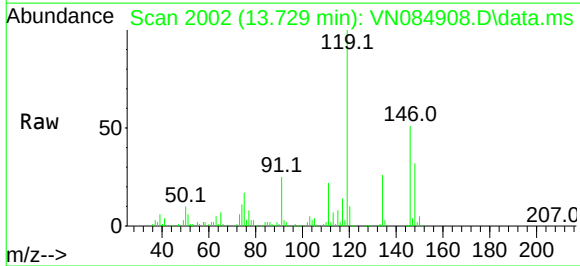
Tgt Ion:	146	Resp:	184304
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.8	65.3
148	62.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#88

1,4-Dichlorobenzene

Concen: 51.146 ug/l

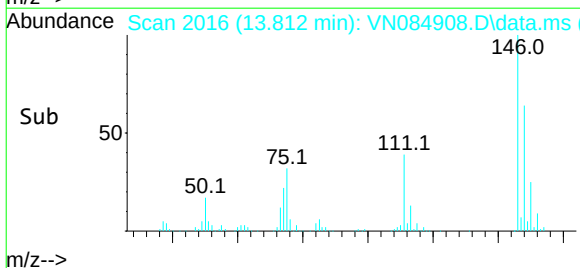
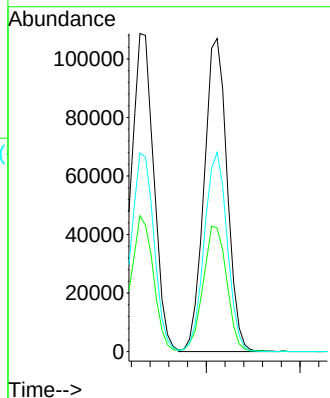
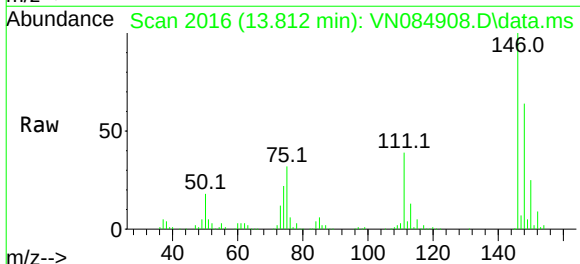
RT: 13.812 min Scan# 2016

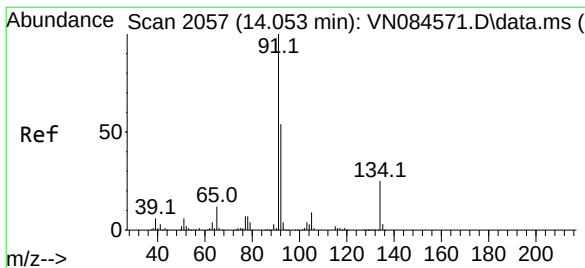
Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Tgt Ion:	146	Resp:	182592
Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.2	63.6
148	63.3	31.9	95.9





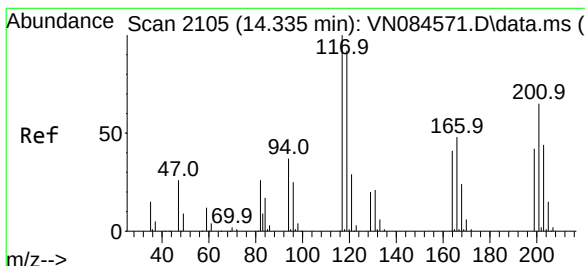
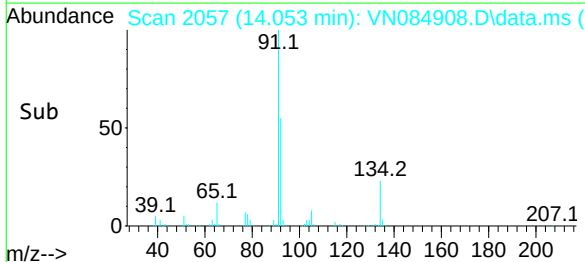
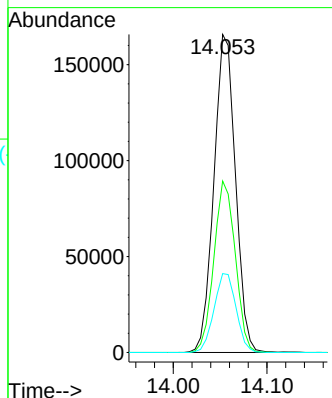
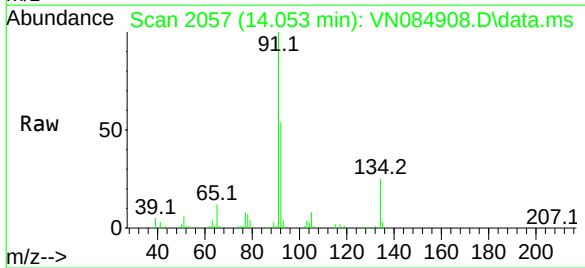
#89
n-Butylbenzene
Concen: 48.002 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion: 91 Resp: 265012
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 25.4 12.3 36.9

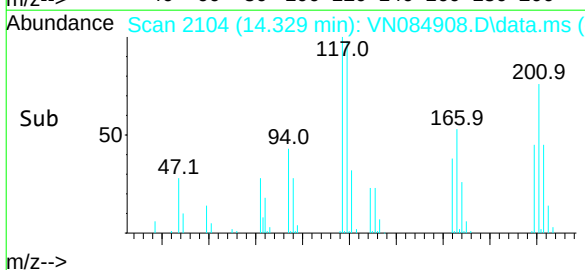
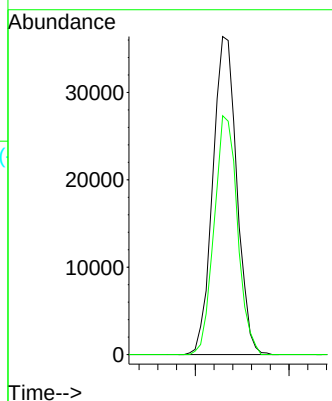
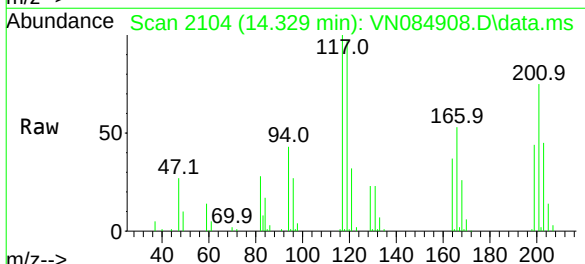
Manual Integrations
APPROVED

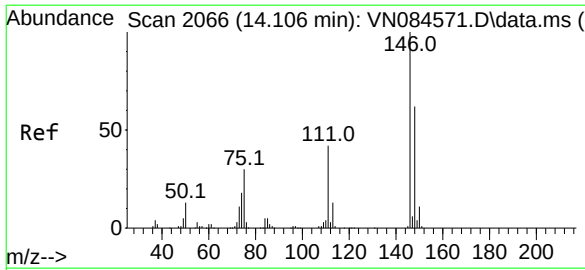
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#90
Hexachloroethane
Concen: 49.217 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion:117 Resp: 64780
Ion Ratio Lower Upper
117 100
201 72.9 34.4 103.2





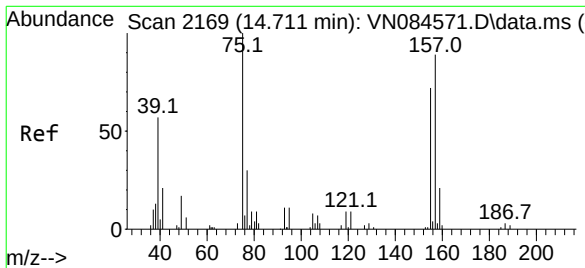
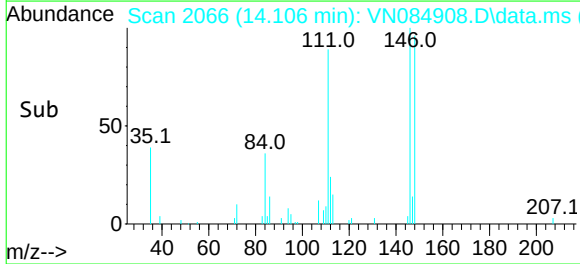
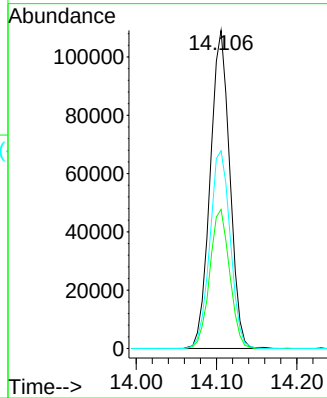
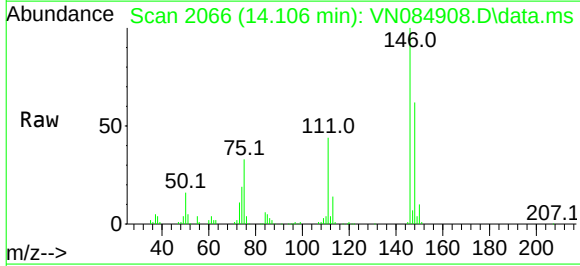
#91
1,2-Dichlorobenzene
Concen: 49.281 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.0	66.0
148	64.8	32.1	96.3

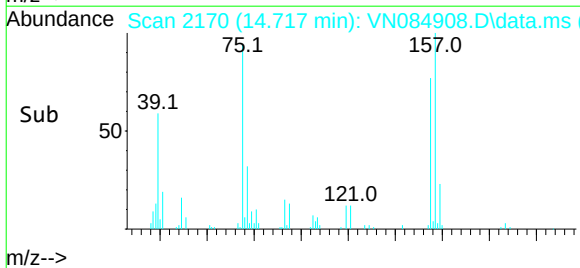
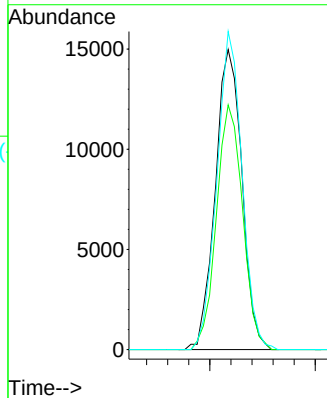
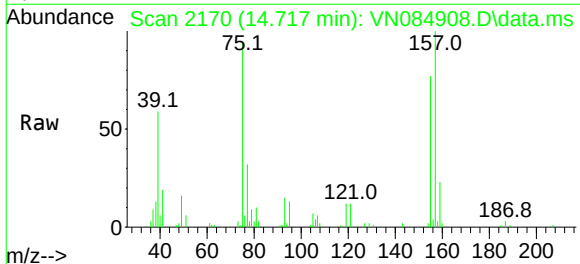
Manual Integrations
APPROVED

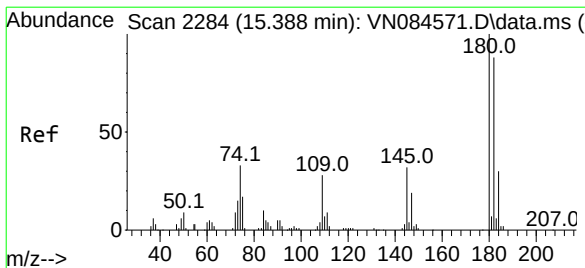
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.502 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084908.D
Acq: 17 Nov 2024 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	38.1	114.5
157	100.2	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 46.249 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112MSD

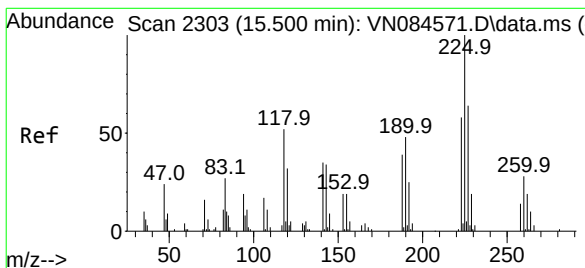
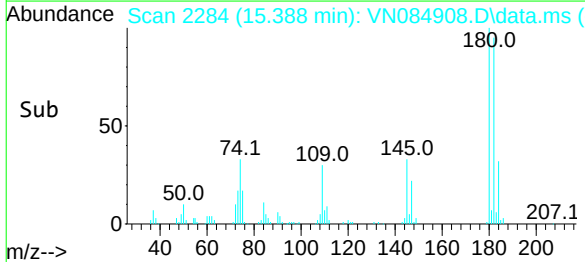
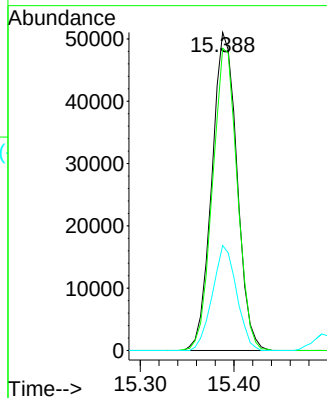
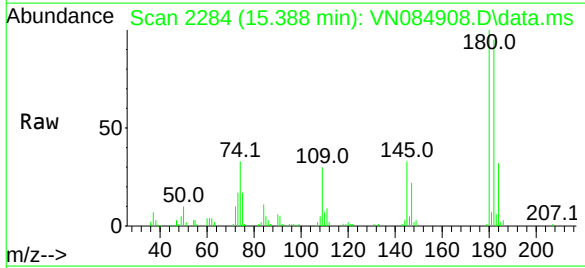
Tgt Ion:	180	Resp:	94786
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.0	141.0
145	31.9	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#94

Hexachlorobutadiene

Concen: 48.176 ug/l

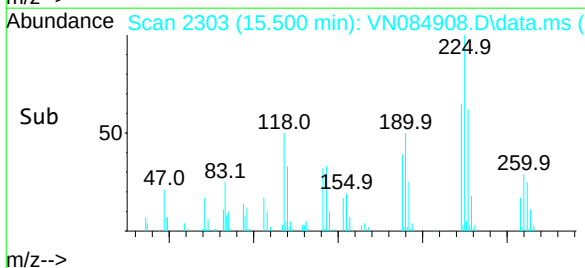
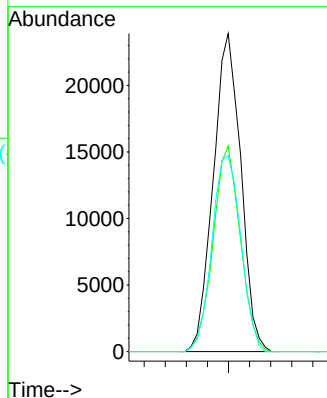
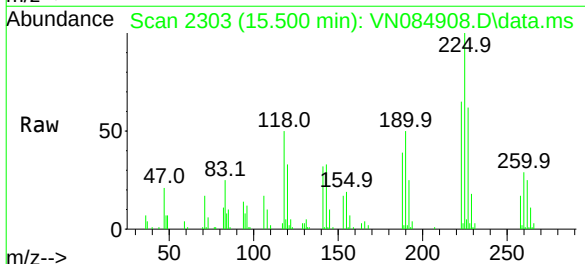
RT: 15.500 min Scan# 2303

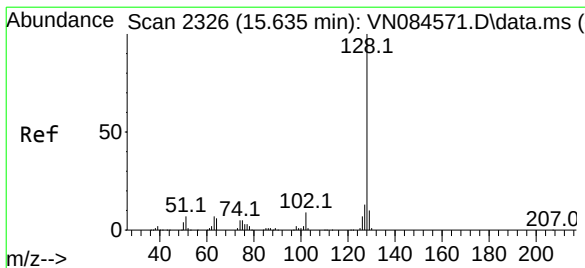
Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Tgt Ion:	225	Resp:	43359
Ion Ratio	Lower	Upper	
225	100		
223	63.7	32.4	97.2
227	64.6	32.4	97.0





#95

Naphthalene

Concen: 49.697 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Instrument :

MSVOA_N

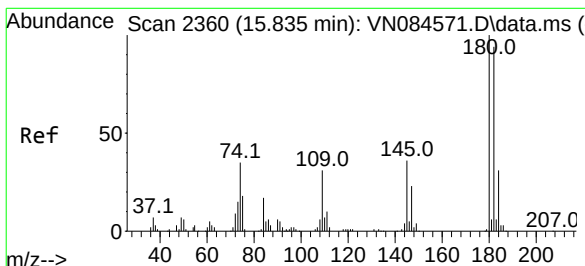
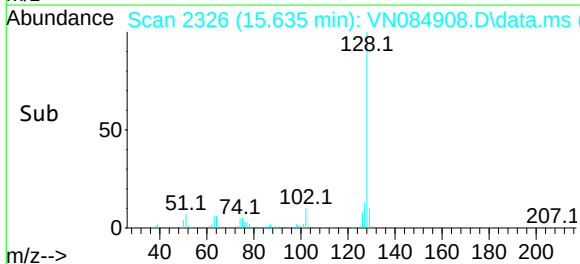
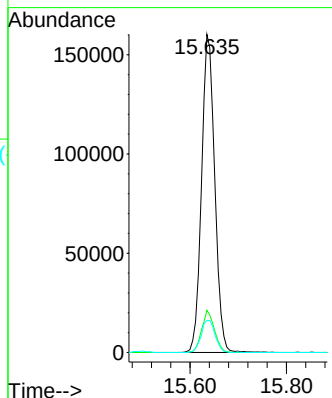
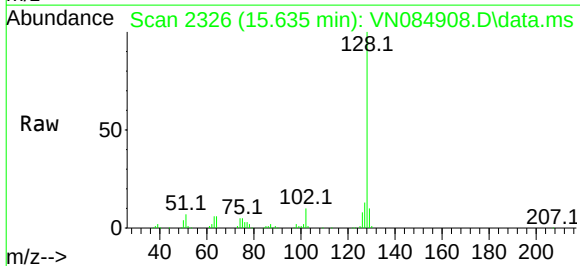
ClientSampleId :

FSND-MW-23-20241112MSD

Tgt Ion:	128	Resp:	304868
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.207 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084908.D

Acq: 17 Nov 2024 20:25

Tgt Ion:	180	Resp:	91928
Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.2	144.6
145	36.2	17.3	51.9

