

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083222.D
 Acq On : 10 Aug 2024 21:00
 Operator : JC\MD
 Sample : P3478-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TS04MSD

Quant Time: Aug 12 02:00:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/12/2024
 Supervised By : Mahesh Dadoda 08/12/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129322	56.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.760%
35) Dibromofluoromethane	8.165	113	89016	49.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	10.565	98	344813	51.680	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.847	95	135116	51.945	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	93335	51.078	ug/l	97
3) Chloromethane	2.359	50	91953	49.152	ug/l	96
4) Vinyl Chloride	2.512	62	99102	51.915	ug/l	96
5) Bromomethane	2.942	94	58294	49.215	ug/l	91
6) Chloroethane	3.112	64	61279	51.310	ug/l	94
7) Trichlorofluoromethane	3.495	101	169432	53.728	ug/l	96
8) Diethyl Ether	3.959	74	61463	52.378	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	89802	51.651	ug/l	98
10) Methyl Iodide	4.583	142	113081	49.444	ug/l	94
11) Tert butyl alcohol	5.524	59	111462	233.846	ug/l	99
12) 1,1-Dichloroethene	4.336	96	88257	49.410	ug/l	89
13) Acrolein	4.177	56	78322	252.121	ug/l	99
14) Allyl chloride	5.024	41	142164	42.117	ug/l	94
15) Acrylonitrile	5.718	53	257888	263.072	ug/l	99
16) Acetone	4.424	43	254017	283.037	ug/l	96
17) Carbon Disulfide	4.712	76	236724	45.293	ug/l	99
18) Methyl Acetate	5.024	43	250036	93.508	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	338074	52.437	ug/l	98
20) Methylene Chloride	5.277	84	120400	58.292	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	90967	49.274	ug/l	95
22) Diisopropyl ether	6.677	45	327561	51.625	ug/l	97
23) Vinyl Acetate	6.606	43	817448	125.693	ug/l	97
24) 1,1-Dichloroethane	6.571	63	182578	52.792	ug/l	100
25) 2-Butanone	7.483	43	365980	265.581	ug/l	91
26) 2,2-Dichloropropane	7.488	77	114964	35.794	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	113936	51.144	ug/l	91
28) Bromochloromethane	7.812	49	67758	47.941	ug/l	87
29) Tetrahydrofuran	7.841	42	237023	266.076	ug/l #	88
30) Chloroform	7.965	83	195261	54.344	ug/l	100
31) Cyclohexane	8.259	56	155571	45.771	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	180823	53.167	ug/l	96
36) 1,1-Dichloropropene	8.371	75	134378	49.664	ug/l	98
37) Ethyl Acetate	7.559	43	142271	46.962	ug/l #	96
38) Carbon Tetrachloride	8.365	117	154730	50.773	ug/l	95
39) Methylcyclohexane	9.600	83	158216	47.608	ug/l	95
40) Benzene	8.606	78	409349	50.785	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83562	48.511	ug/l	95
42) 1,2-Dichloroethane	8.671	62	156537	53.312	ug/l	99
43) Isopropyl Acetate	8.688	43	258509	49.143	ug/l #	94
44) Trichloroethene	9.353	130	97360	50.747	ug/l	94
45) 1,2-Dichloropropane	9.624	63	98810	51.644	ug/l	95
46) Dibromomethane	9.712	93	72076	52.629	ug/l	99
47) Bromodichloromethane	9.888	83	159155	51.758	ug/l	99
48) Methyl methacrylate	9.682	41	129104	51.546	ug/l	93
49) 1,4-Dioxane	9.694	88	44994	995.751	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	762598	266.195	ug/l	93
52) Toluene	10.629	92	260155	51.082	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	156959	49.692	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	161094	47.949	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	95921	52.556	ug/l	95
56) Ethyl methacrylate	10.877	69	168318	48.920	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	170120	52.294	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	358697	246.631	ug/l	96
59) 2-Hexanone	11.194	43	586273	264.525	ug/l	94
60) Dibromochloromethane	11.359	129	116699	52.885	ug/l	99
61) 1,2-Dibromoethane	11.471	107	99095	51.685	ug/l	97
64) Tetrachloroethene	11.106	164	114638	68.284	ug/l	97
65) Chlorobenzene	11.888	112	280021	49.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	98036	49.621	ug/l	98
67) Ethyl Benzene	11.965	91	515621	50.174	ug/l	99
68) m/p-Xylenes	12.071	106	385711	100.197	ug/l	99
69) o-Xylene	12.400	106	190312	50.126	ug/l	100
70) Styrene	12.412	104	320821	50.311	ug/l	98
71) Bromoform	12.576	173	76901	51.379	ug/l #	99
73) Isopropylbenzene	12.694	105	494251	47.996	ug/l	100
74) N-amyl acetate	12.494	43	181368	36.007	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	139809	48.002	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	130615m	48.338	ug/l	
77) Bromobenzene	12.982	156	111676	48.819	ug/l	97
78) n-propylbenzene	13.035	91	580681	48.971	ug/l	100
79) 2-Chlorotoluene	13.123	91	363898	48.406	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	419059	48.607	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	53305	42.912	ug/l	89
82) 4-Chlorotoluene	13.223	91	360246	47.773	ug/l	98
83) tert-Butylbenzene	13.441	119	361823	47.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	425964	49.027	ug/l	100
85) sec-Butylbenzene	13.618	105	507488	48.713	ug/l	100
86) p-Isopropyltoluene	13.729	119	421315	48.979	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	205650	47.777	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	209156	48.199	ug/l	98
89) n-Butylbenzene	14.053	91	364178	48.860	ug/l	99
90) Hexachloroethane	14.335	117	77840	46.839	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	199094	47.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32741	46.326	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	110184	47.218	ug/l	97
94) Hexachlorobutadiene	15.500	225	45340	43.689	ug/l	98
95) Naphthalene	15.641	128	398120	48.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109208	47.297	ug/l	98

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ClientSampleId :
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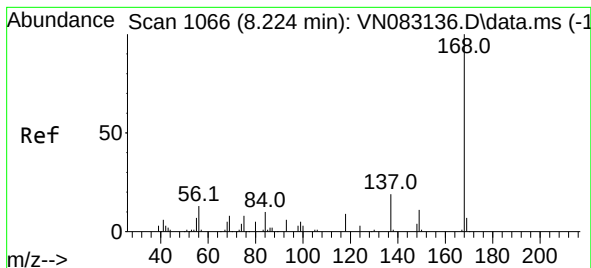
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/12/2024

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

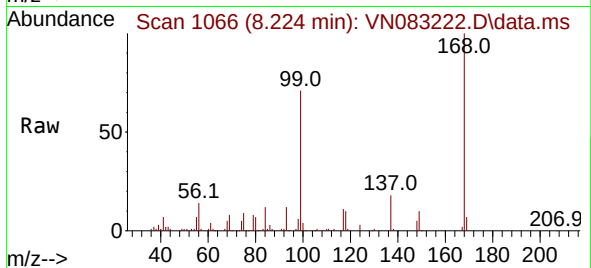
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

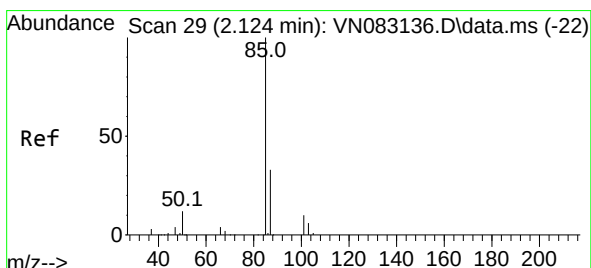
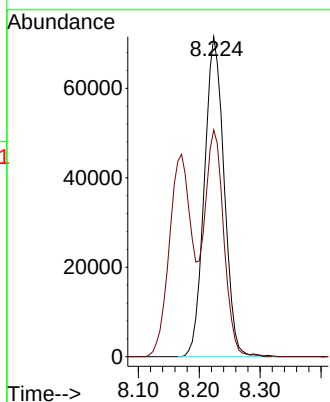
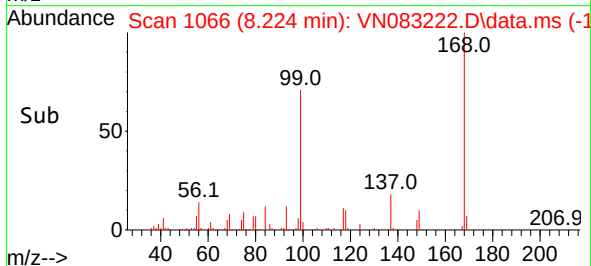
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion:168 Resp: 161135
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.4

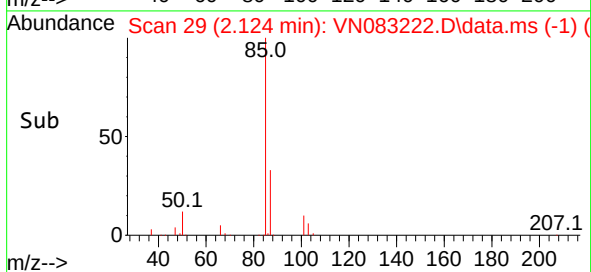
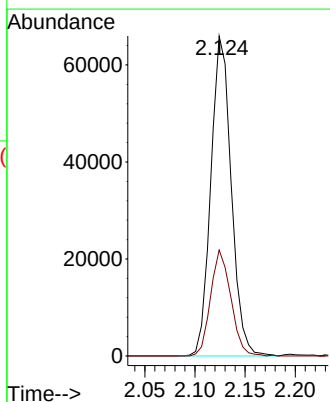
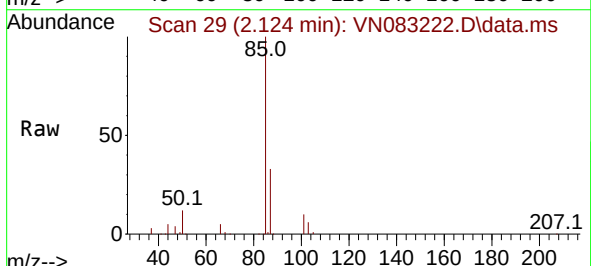
Manual Integrations
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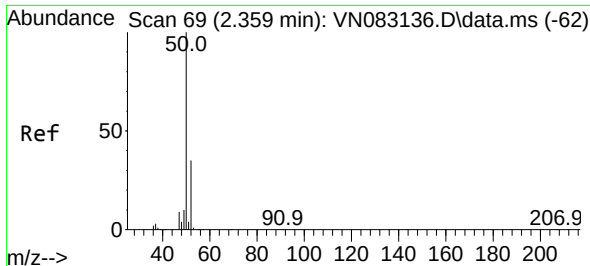
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#2
Dichlorodifluoromethane
Concen: 51.078 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

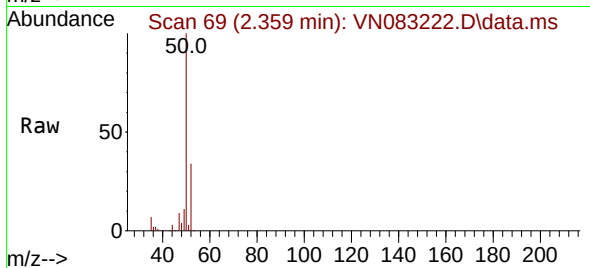
Tgt Ion: 85 Resp: 93335
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0





#3
Chloromethane
Concen: 49.152 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

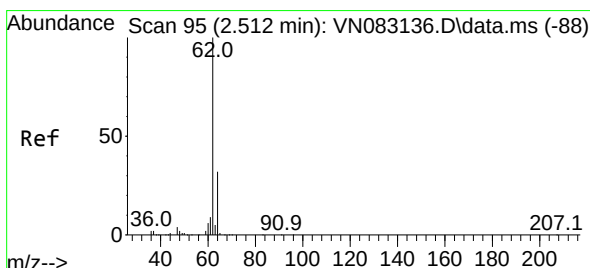
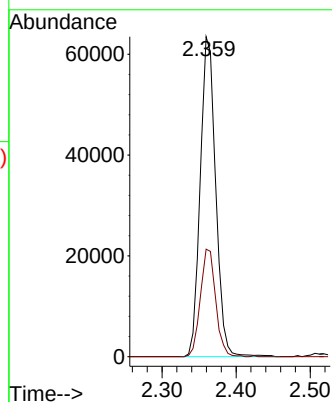
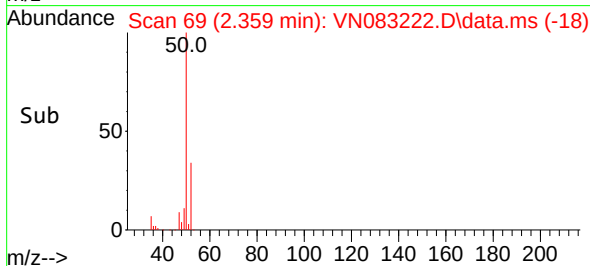
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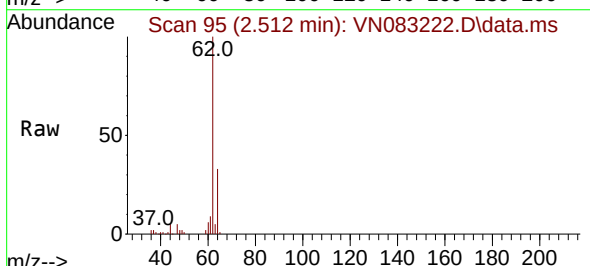
Tgt Ion: 50 Resp: 9195
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4

Manual Integrations
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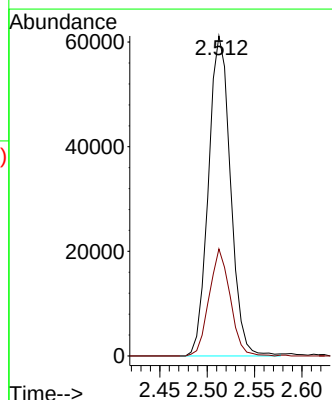
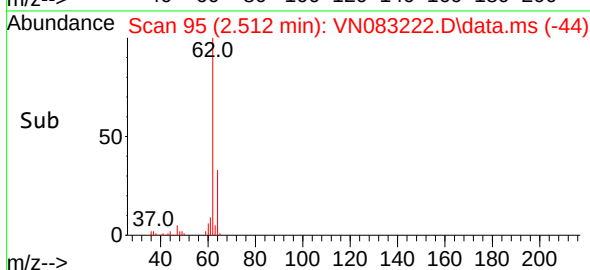
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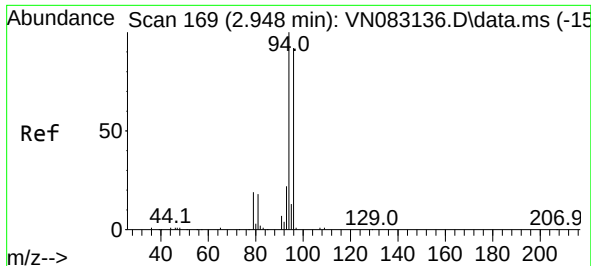


#4
Vinyl Chloride
Concen: 51.915 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



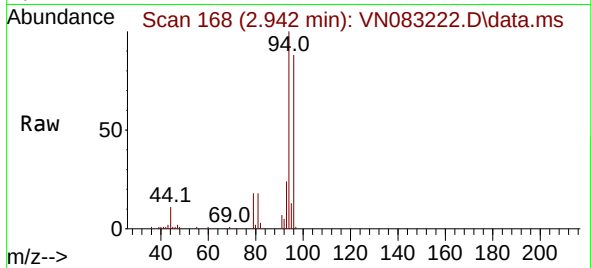
Tgt Ion: 62 Resp: 99102
Ion Ratio Lower Upper
62 100
64 33.5 25.0 37.6





#5
Bromomethane
Concen: 49.215 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

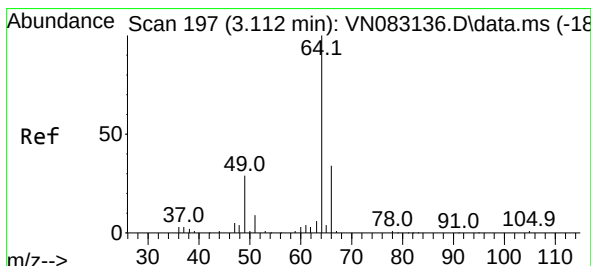
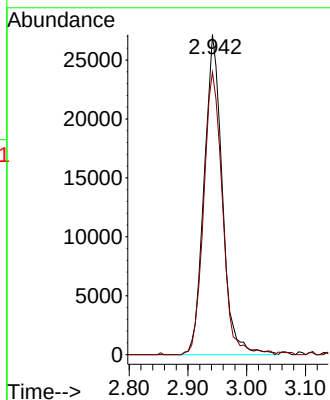
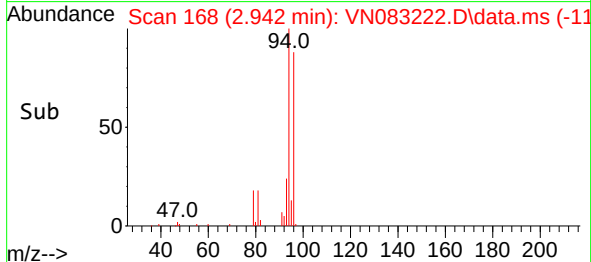
Instrument :
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Tgt Ion: 94 Resp: 58294
Ion Ratio Lower Upper
94 100
96 88.2 78.0 117.0

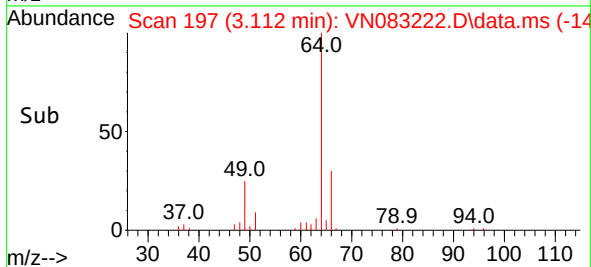
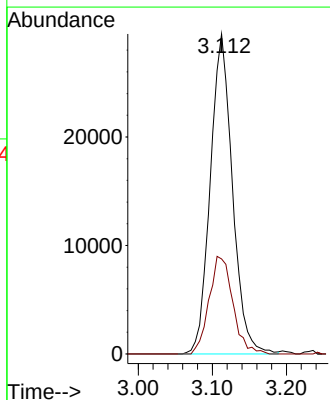
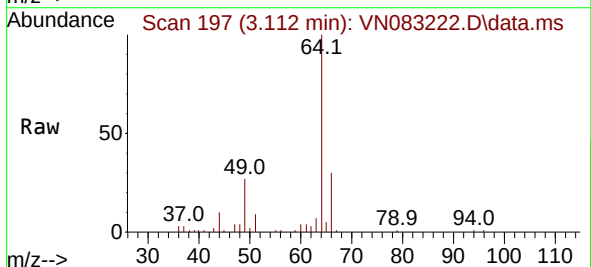
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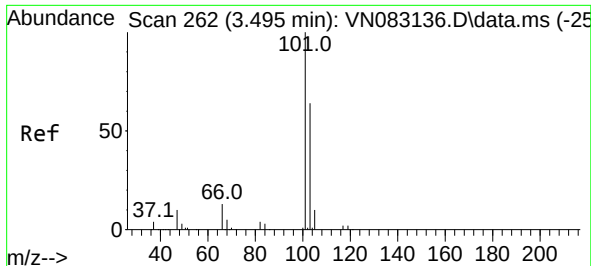
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#6
Chloroethane
Concen: 51.310 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

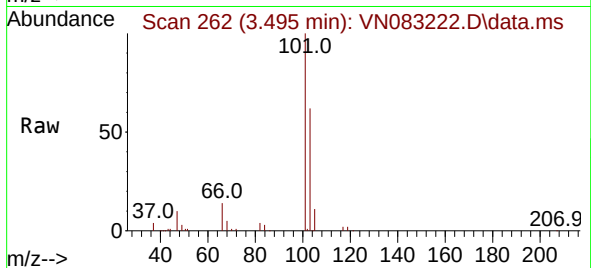
Tgt Ion: 64 Resp: 61279
Ion Ratio Lower Upper
64 100
66 29.7 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 53.728 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00

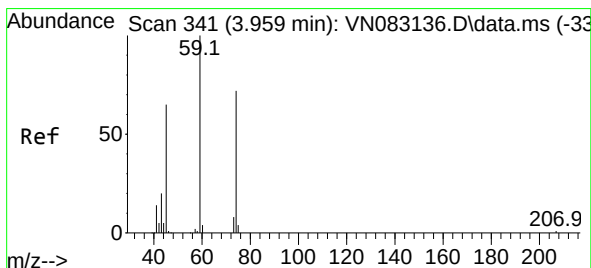
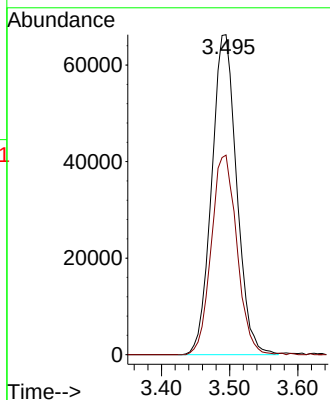
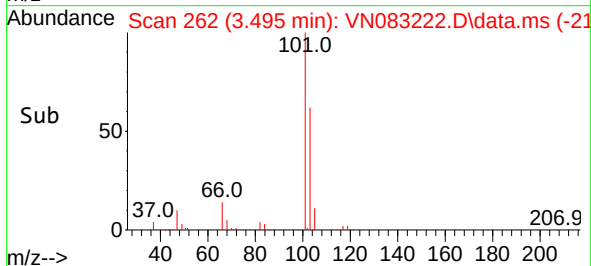
Instrument :
 MSVOA_N
 ClientSampleId :
 TS04MSD



Tgt Ion:101 Resp: 16943
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.7 79.1

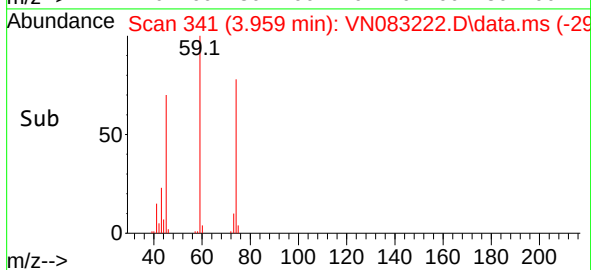
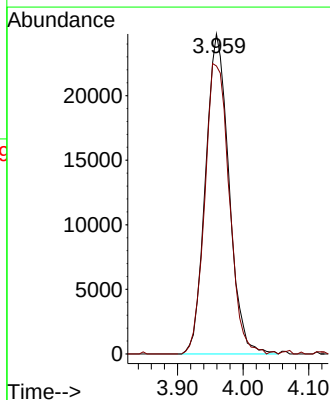
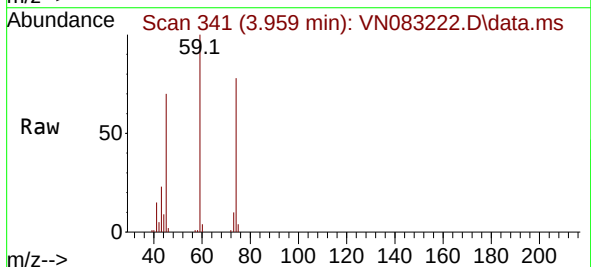
Manual Integrations
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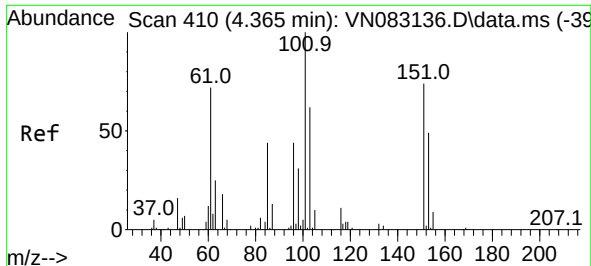
Reviewed By :John Carlone 08/12/2024
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#8
 Diethyl Ether
 Concen: 52.378 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00

Tgt Ion: 74 Resp: 61463
 Ion Ratio Lower Upper
 74 100
 45 94.9 55.5 166.3





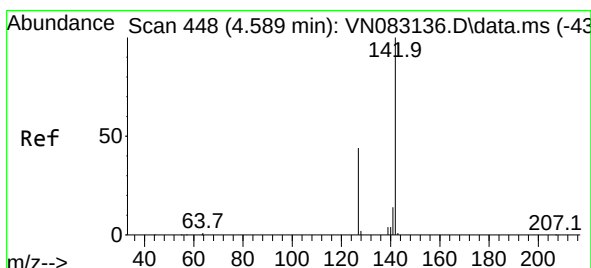
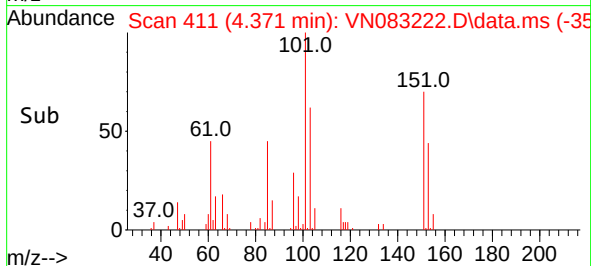
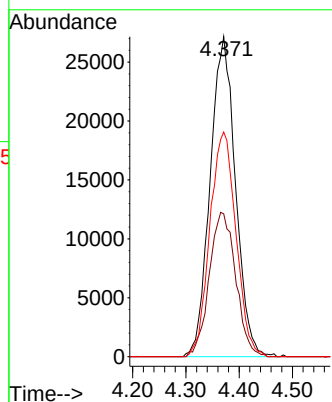
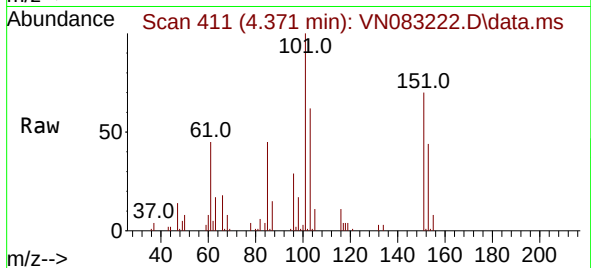
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.651 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

Instrument :
MSVOA_N
ClientSampleId :
TS04MSD

Tgt Ion:101 Resp: 8980
Ion Ratio Lower Upper
101 100
85 47.1 38.3 57.5
151 72.3 59.3 88.9

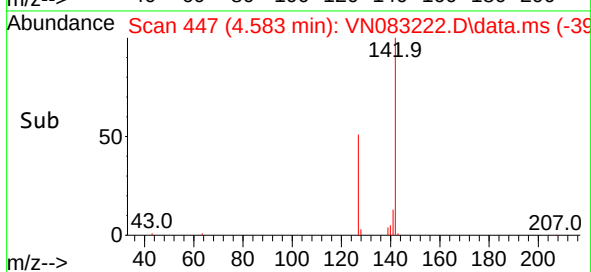
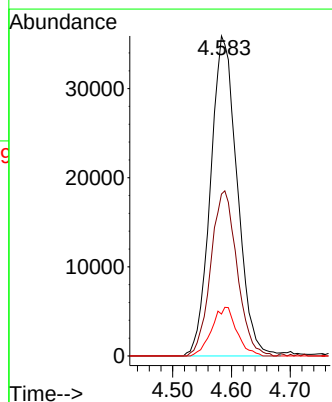
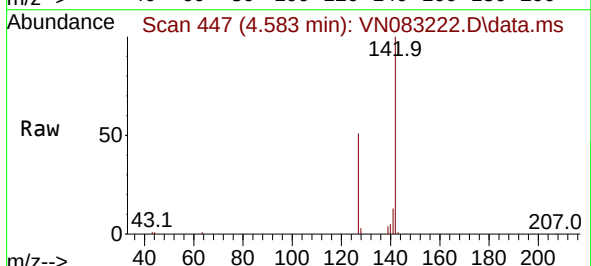
Manual Integrations
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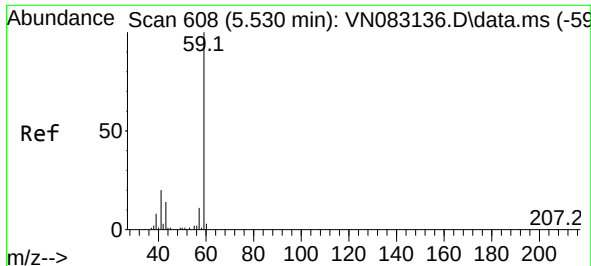
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#10
Methyl Iodide
Concen: 49.444 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

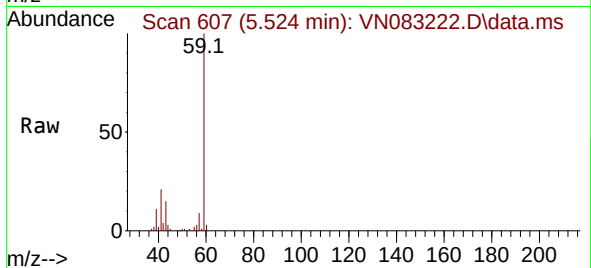
Tgt Ion:142 Resp: 113081
Ion Ratio Lower Upper
142 100
127 50.6 37.5 56.3
141 13.1 13.1 19.7





#11
Tert butyl alcohol
Concen: 233.846 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

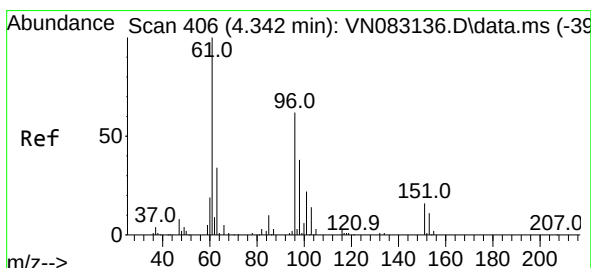
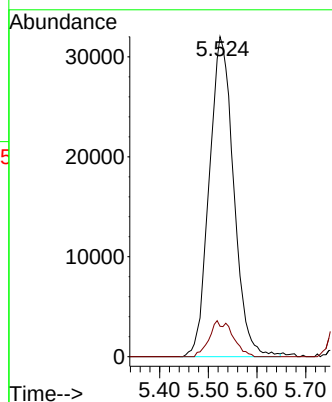
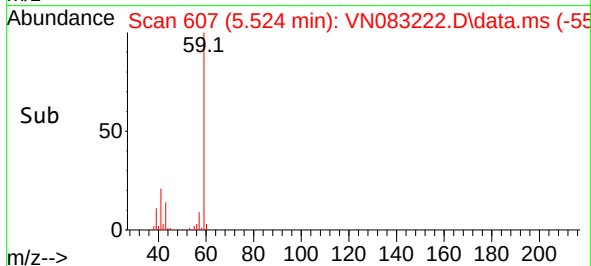
Instrument :
MSVOA_N
Client Sample Id :
TS04MSD



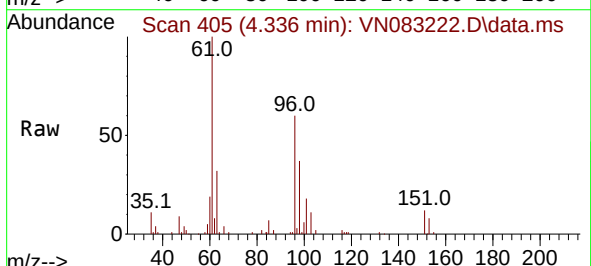
Tgt Ion: 59 Resp: 111462
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

Manual Integrations
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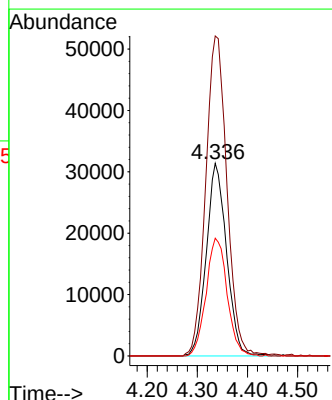
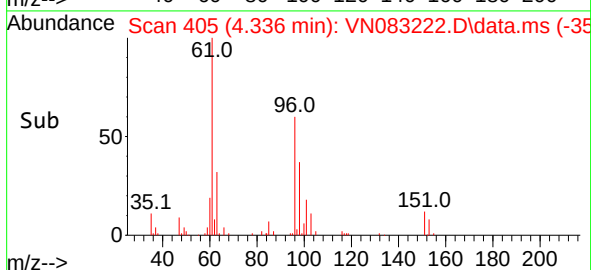
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

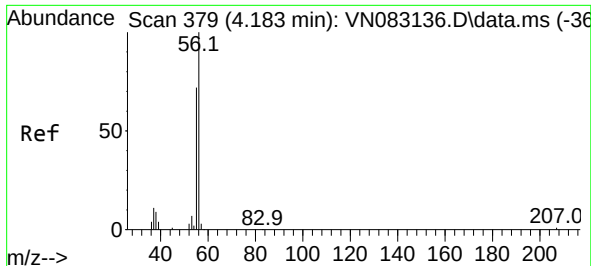


#12
1,1-Dichloroethene
Concen: 49.410 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



Tgt Ion: 96 Resp: 88257
Ion Ratio Lower Upper
96 100
61 166.1 149.7 224.5
98 61.1 50.1 75.1





#13

Acrolein

Concen: 252.121 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

Tgt Ion: 56 Resp: 7832

Ion Ratio Lower Upper

56 100

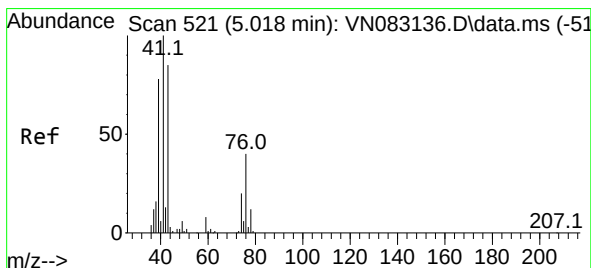
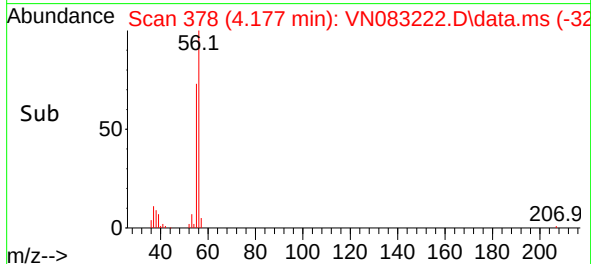
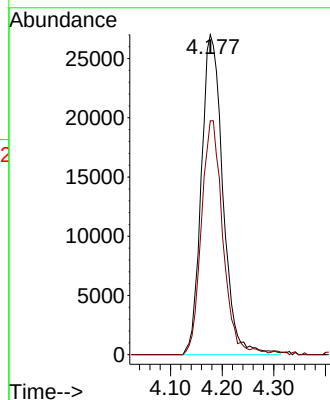
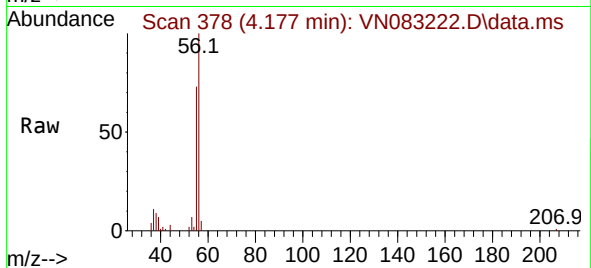
55 71.5 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#14

Allyl chloride

Concen: 42.117 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

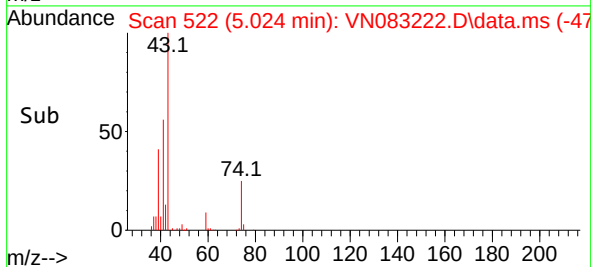
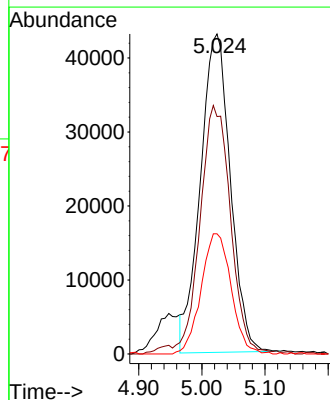
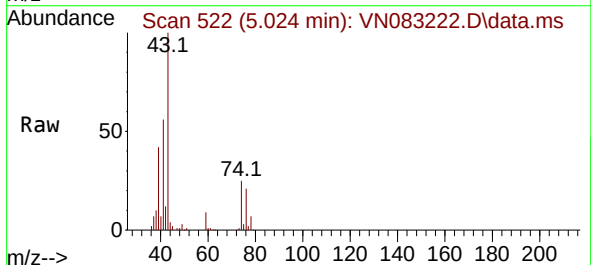
Tgt Ion: 41 Resp: 142164

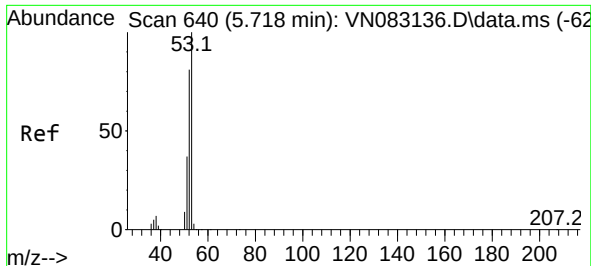
Ion Ratio Lower Upper

41 100

39 80.5 67.8 101.6

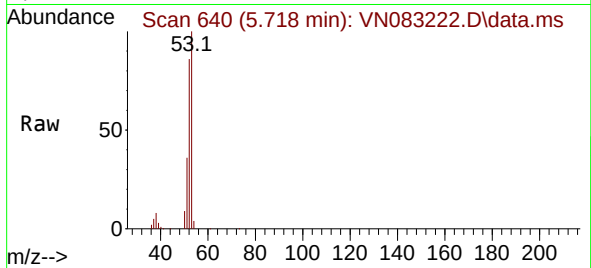
76 37.8 25.8 38.8





#15
Acrylonitrile
Concen: 263.072 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

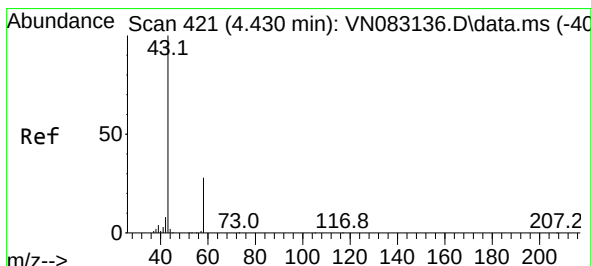
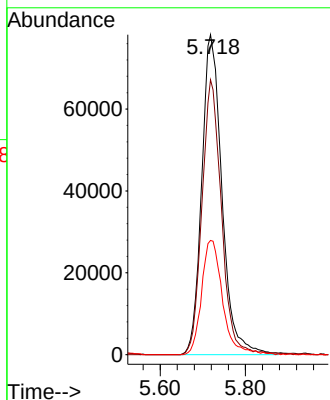
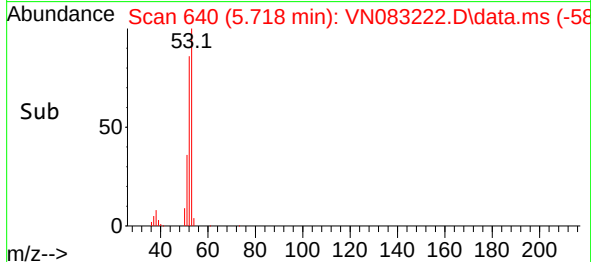
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



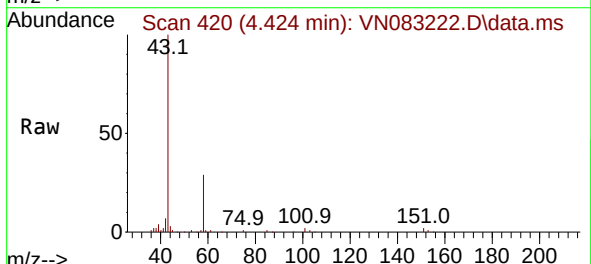
Tgt Ion: 53 Resp: 25788
Ion Ratio Lower Upper
53 100
52 82.8 66.6 100.0
51 37.0 30.1 45.1

Manual Integrations
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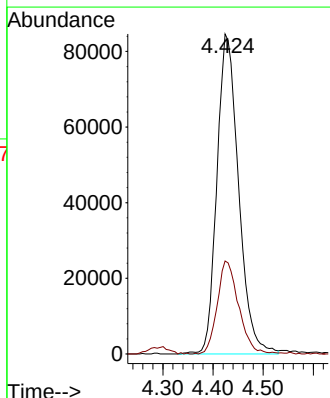
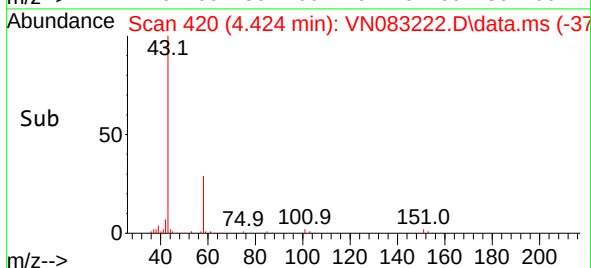
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

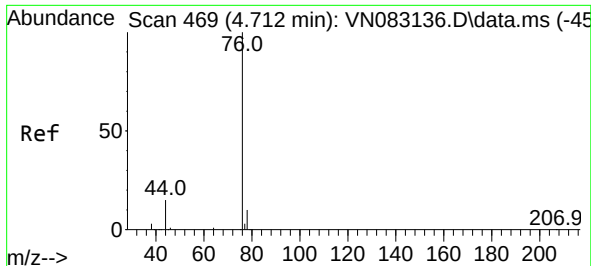


#16
Acetone
Concen: 283.037 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



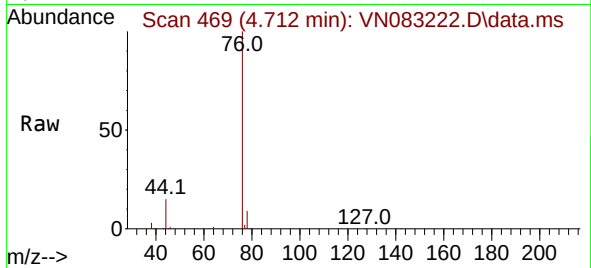
Tgt Ion: 43 Resp: 254017
Ion Ratio Lower Upper
43 100
58 29.0 21.8 32.6





#17
Carbon Disulfide
Concen: 45.293 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

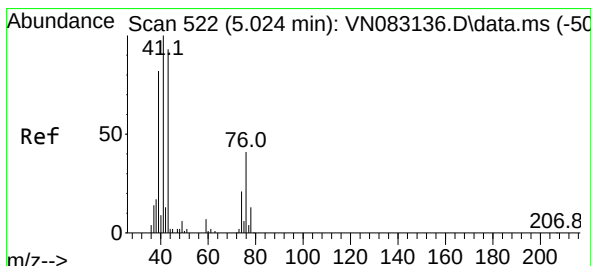
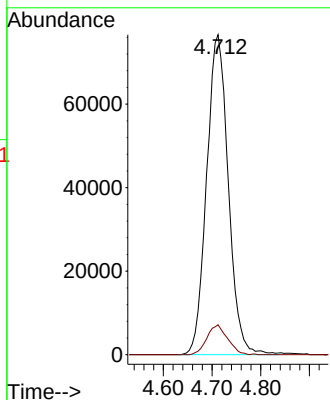
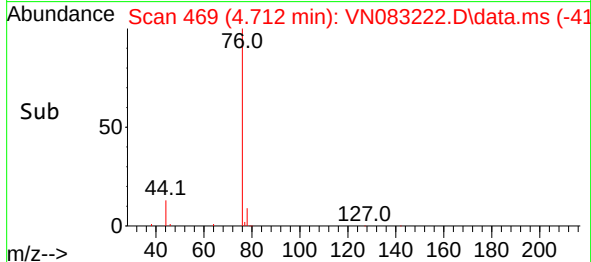
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



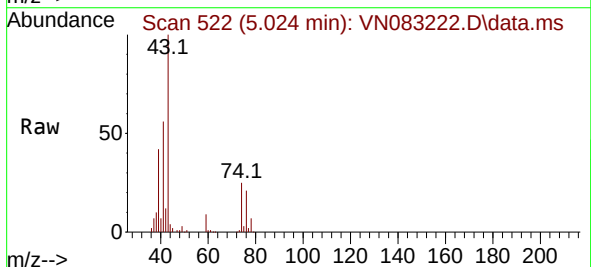
Tgt Ion: 76 Resp: 236724
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
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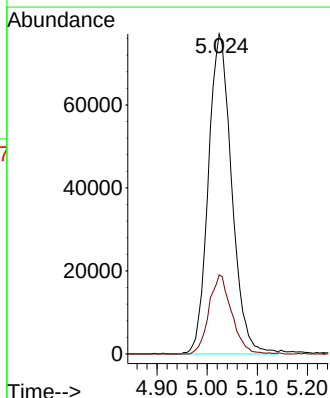
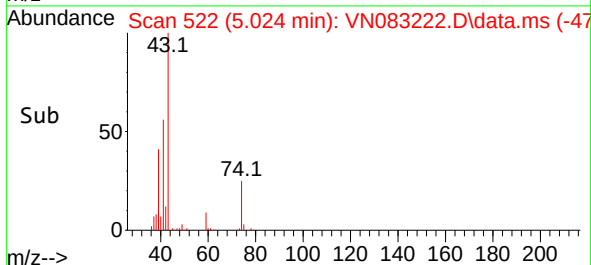
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

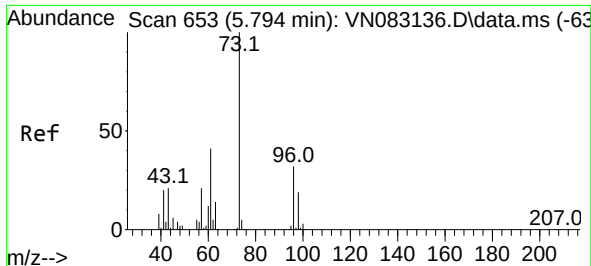


#18
Methyl Acetate
Concen: 93.508 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



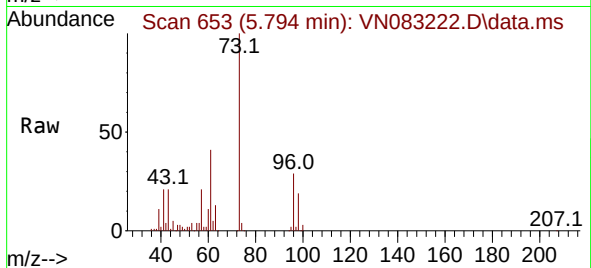
Tgt Ion: 43 Resp: 250036
Ion Ratio Lower Upper
43 100
74 23.9 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 52.437 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

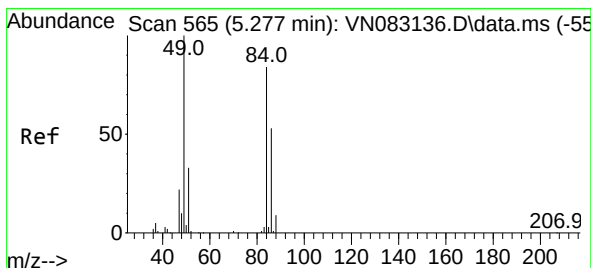
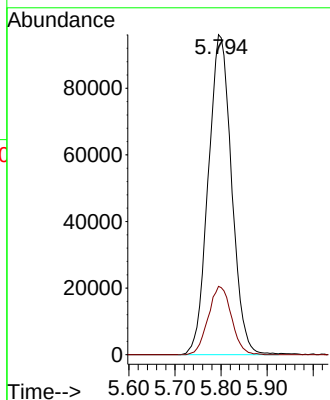
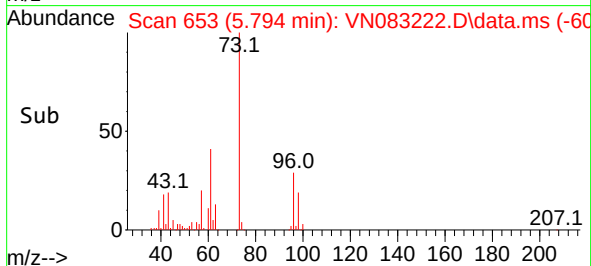
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



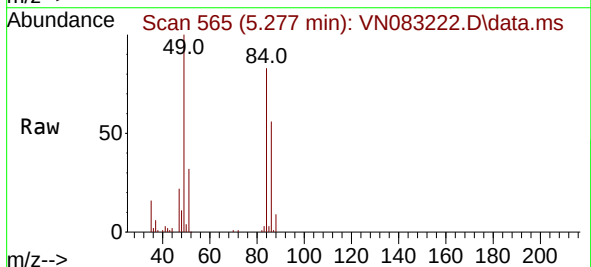
Tgt Ion: 73 Resp: 338074
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9

Manual Integrations
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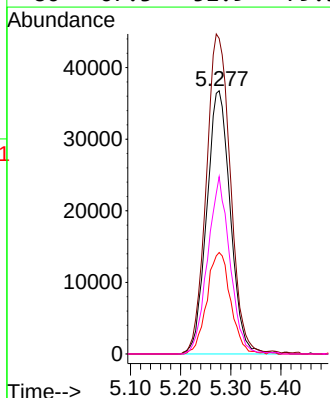
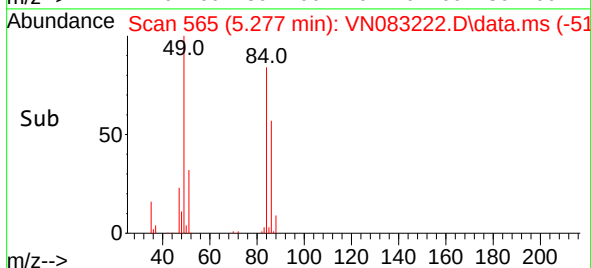
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

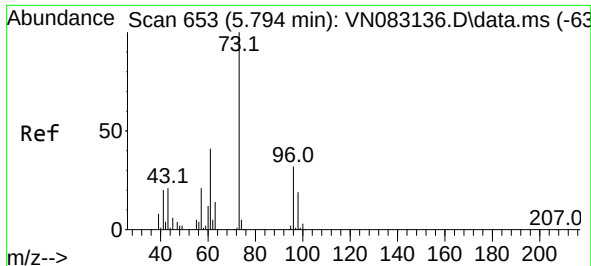


#20
Methylene Chloride
Concen: 58.292 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



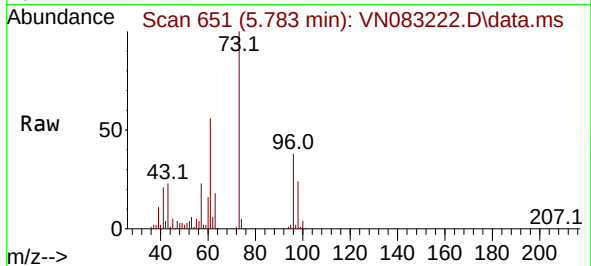
Tgt Ion: 84 Resp: 120400
Ion Ratio Lower Upper
84 100
49 119.9 119.6 179.4
51 38.5 34.8 52.2
86 67.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.274 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

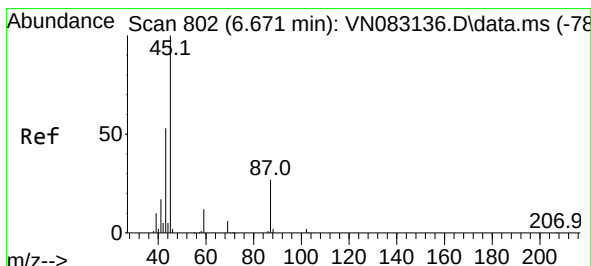
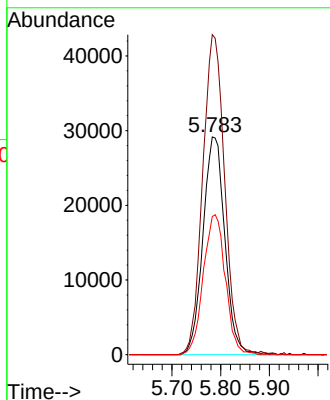
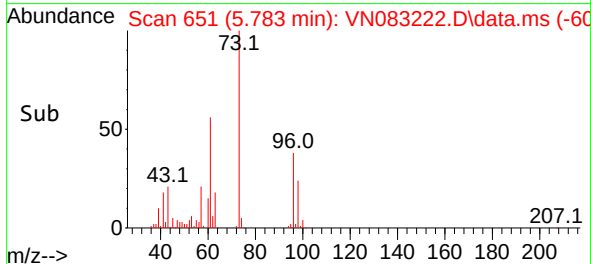
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion: 96 Resp: 9096
Ion Ratio Lower Upper
96 100
61 146.9 123.4 185.2
98 63.4 49.3 73.9

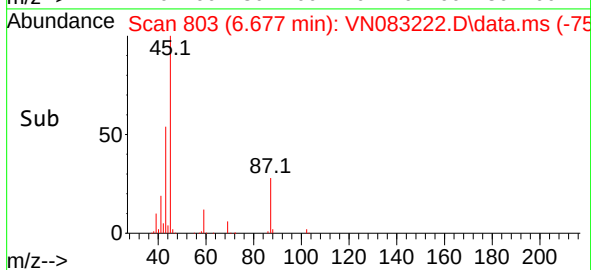
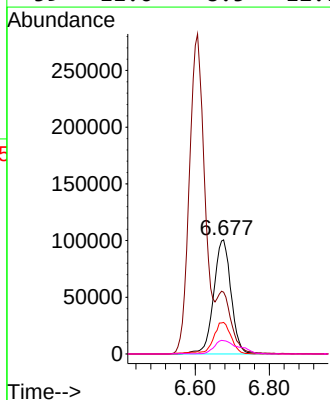
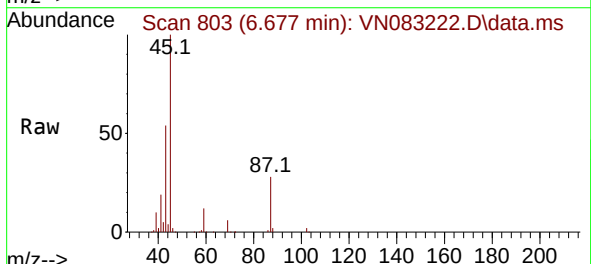
Manual Integrations
APPROVED

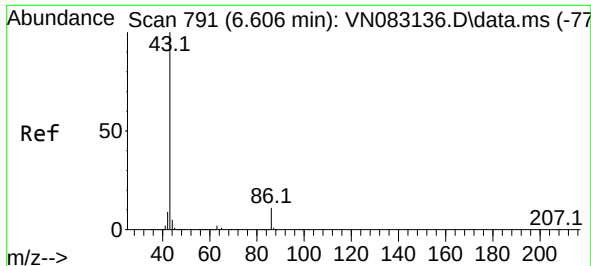
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#22
Diisopropyl ether
Concen: 51.625 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

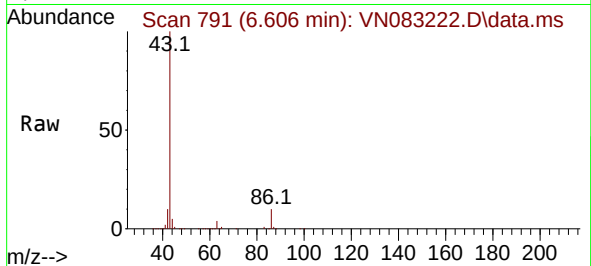
Tgt Ion: 45 Resp: 327561
Ion Ratio Lower Upper
45 100
43 53.7 44.0 66.0
87 27.6 19.7 29.5
59 11.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 125.693 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00

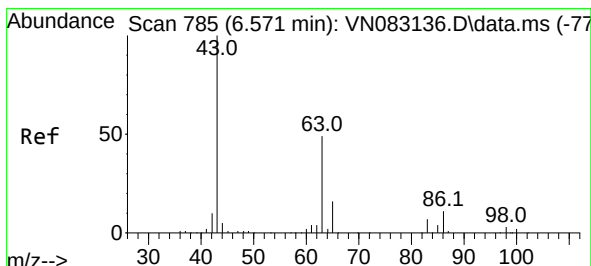
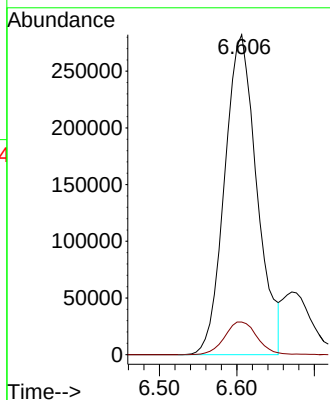
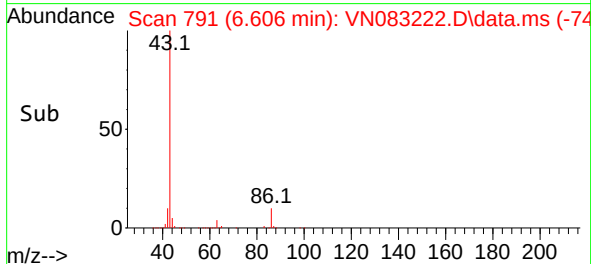
Instrument :
 MSVOA_N
 Client Sample Id :
 TS04MSD



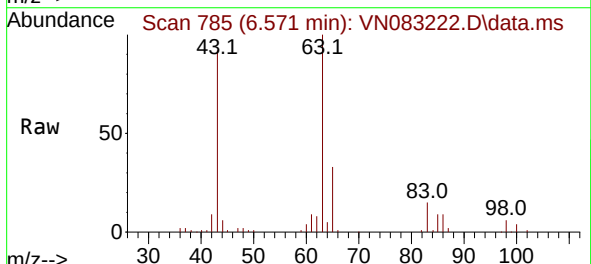
Tgt Ion: 43 Resp: 817448
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.3 10.9

Manual Integrations
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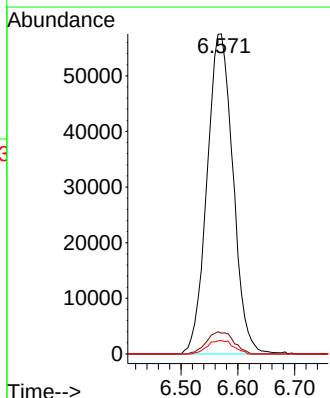
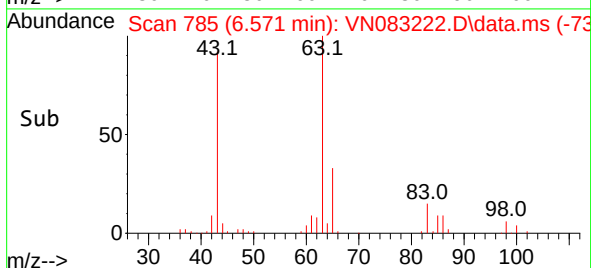
Reviewed By :John Carlone 08/12/2024
 Supervised By :Mahesh Dadoda 08/12/2024

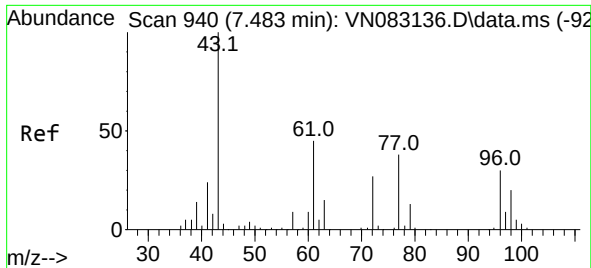


#24
 1,1-Dichloroethane
 Concen: 52.792 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00



Tgt Ion: 63 Resp: 182578
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.2 2.0 6.0





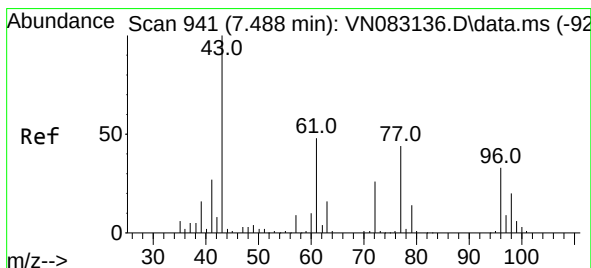
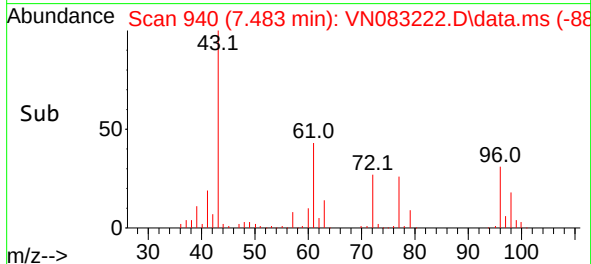
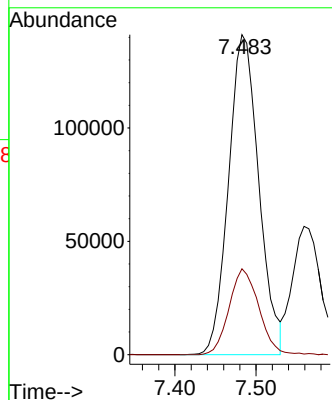
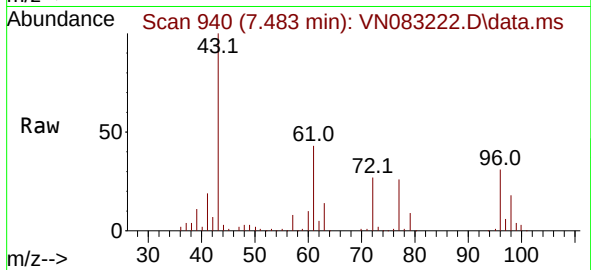
#25
2-Butanone
Concen: 265.581 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

Instrument :
MSVOA_N
Client SampleId :
TS04MSD

Tgt Ion: 43 Resp: 365980
Ion Ratio Lower Upper
43 100
72 26.8 18.2 27.2

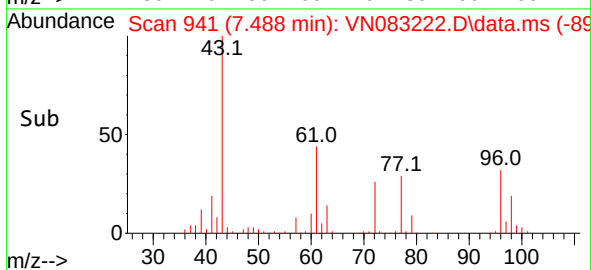
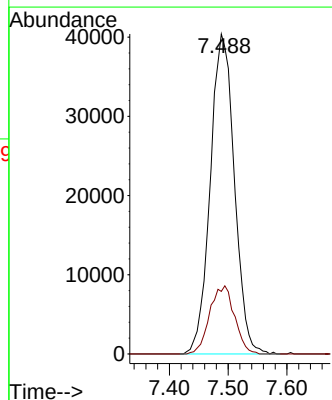
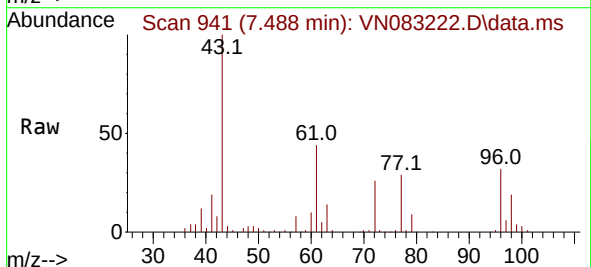
Manual Integrations
APPROVED

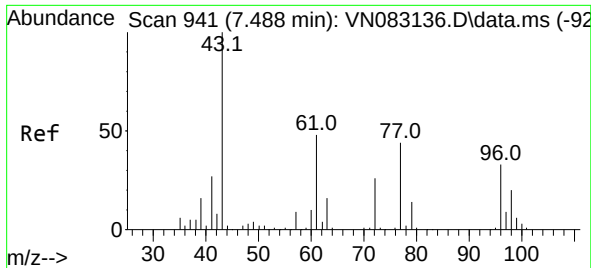
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#26
2,2-Dichloropropane
Concen: 35.794 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

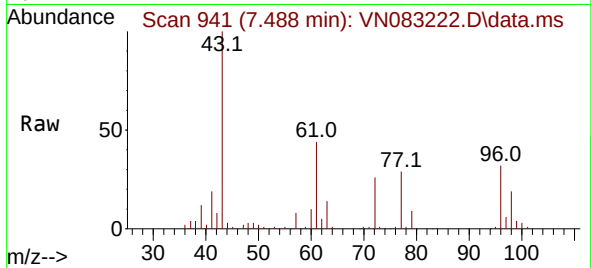
Tgt Ion: 77 Resp: 114964
Ion Ratio Lower Upper
77 100
97 21.9 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 51.144 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00

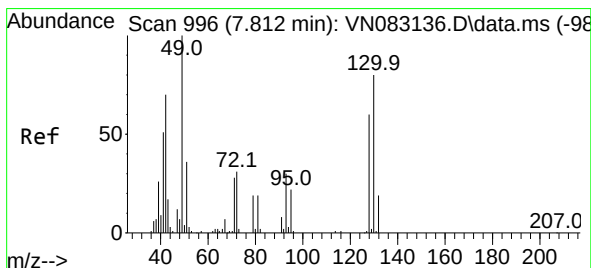
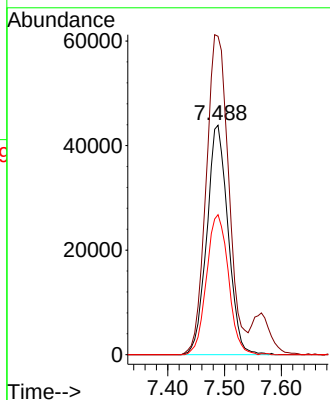
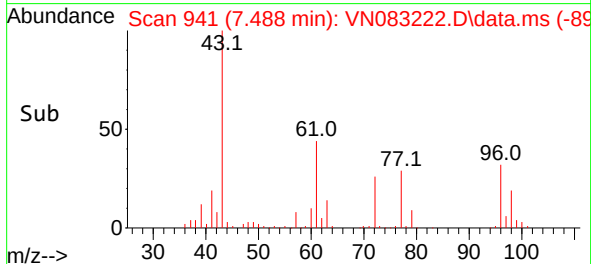
Instrument :
 MSVOA_N
 ClientSampleId :
 TS04MSD



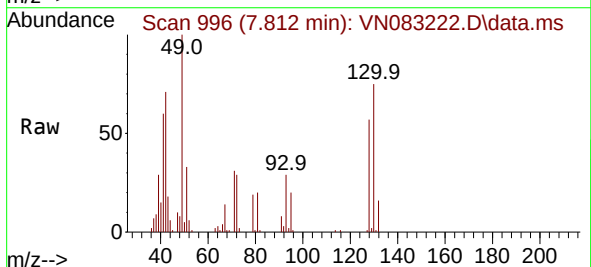
Tgt Ion: 96 Resp: 113930
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 329.6
 98 62.9 0.0 128.6

Manual Integrations
 APPROVED

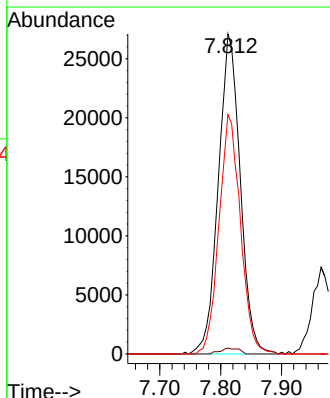
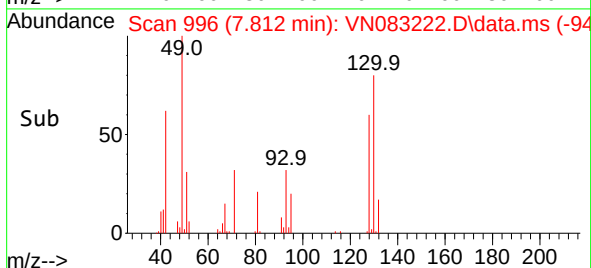
Reviewed By :John Carlone 08/12/2024
 Supervised By :Mahesh Dadoda 08/12/2024

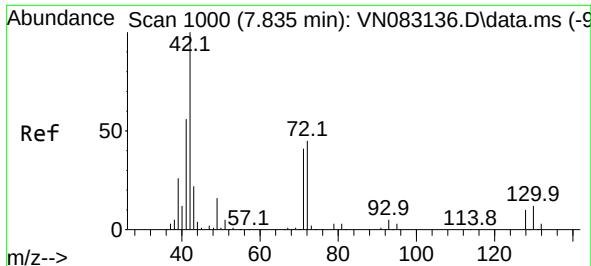


#28
 Bromochloromethane
 Concen: 47.941 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00



Tgt Ion: 49 Resp: 67758
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 73.2 50.5 75.7





#29

Tetrahydrofuran

Concen: 266.076 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

Tgt Ion: 42 Resp: 23702

Ion Ratio Lower Upper

42 100

72 45.3 30.0 45.0

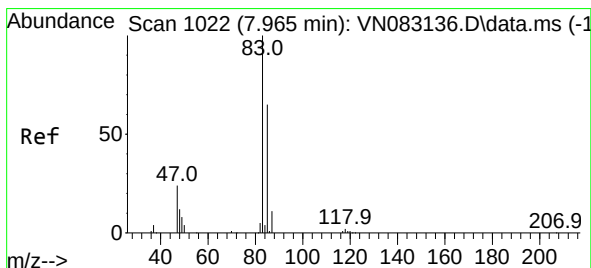
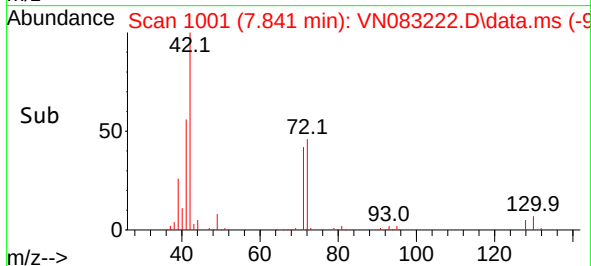
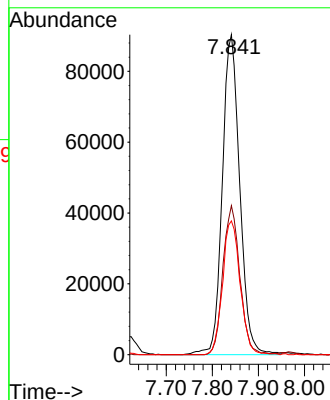
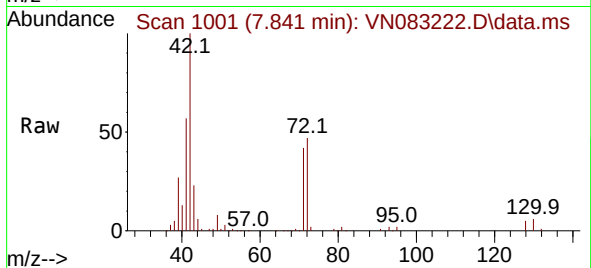
71 42.2 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#30

Chloroform

Concen: 54.344 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083222.D

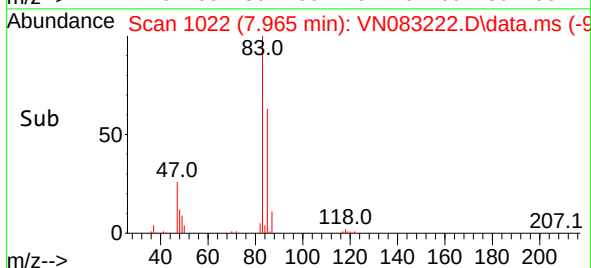
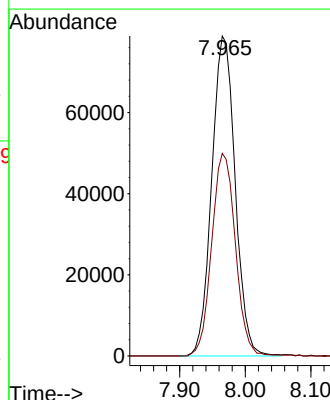
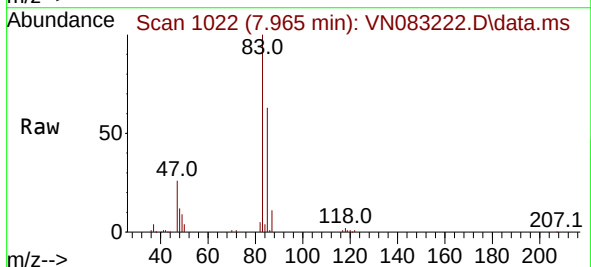
Acq: 10 Aug 2024 21:00

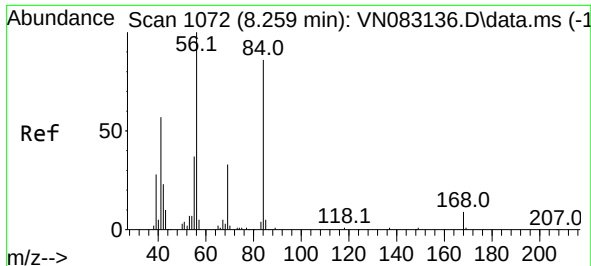
Tgt Ion: 83 Resp: 195261

Ion Ratio Lower Upper

83 100

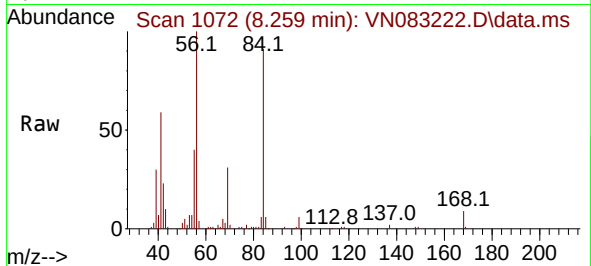
85 63.3 50.9 76.3





#31
Cyclohexane
Concen: 45.771 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

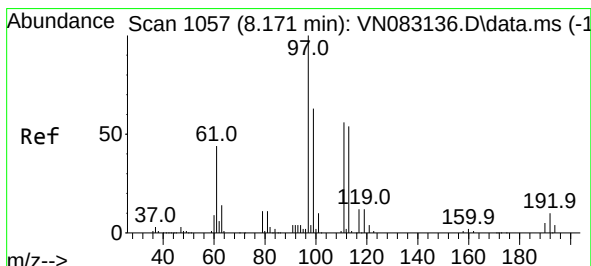
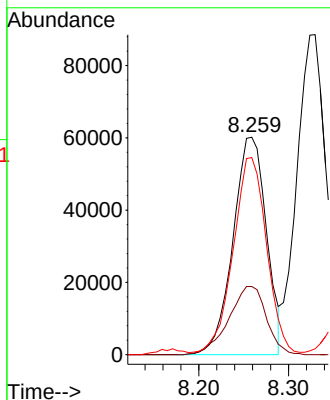
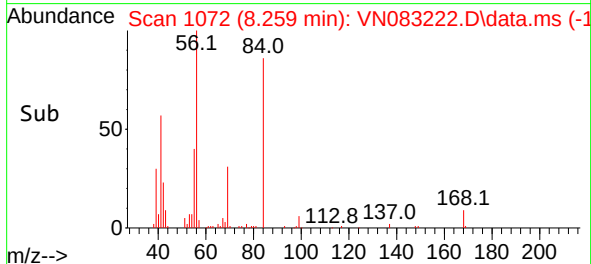
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



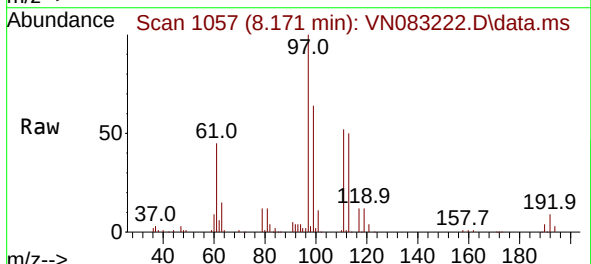
Tgt Ion: 56 Resp: 15557
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 88.9 66.0 99.0

Manual Integrations
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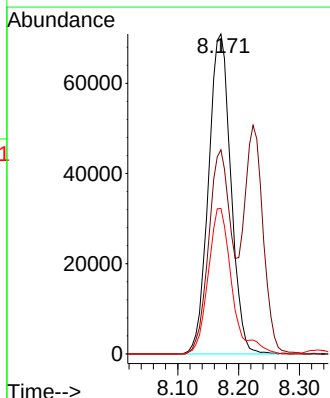
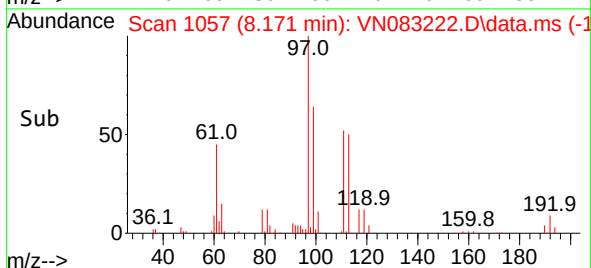
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

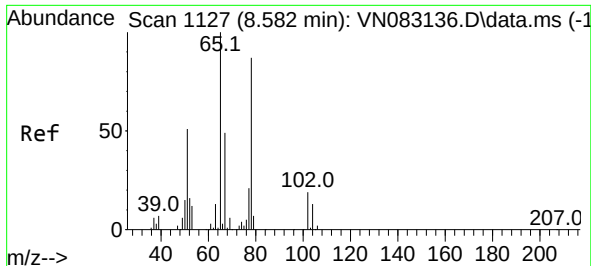


#32
1,1,1-Trichloroethane
Concen: 53.167 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



Tgt Ion: 97 Resp: 180823
Ion Ratio Lower Upper
97 100
99 62.5 52.0 78.0
61 48.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 56.384 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

Tgt Ion: 65 Resp: 12932

Ion Ratio Lower Upper

65 100

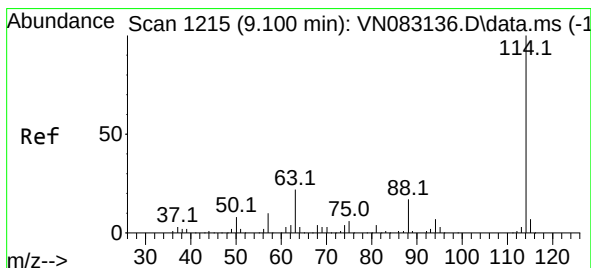
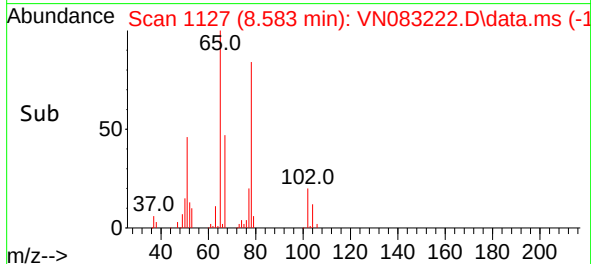
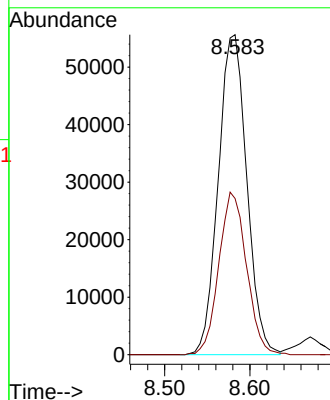
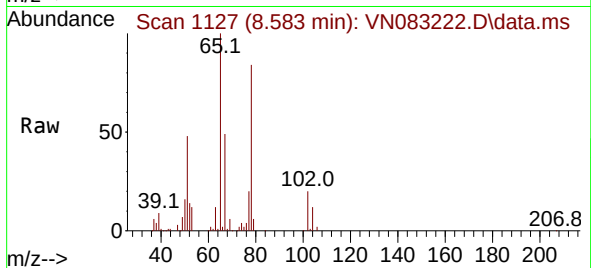
67 49.3 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

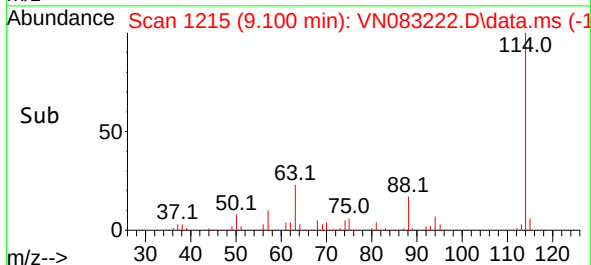
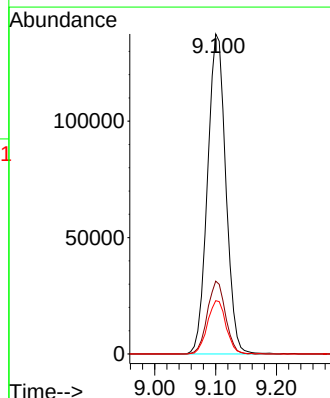
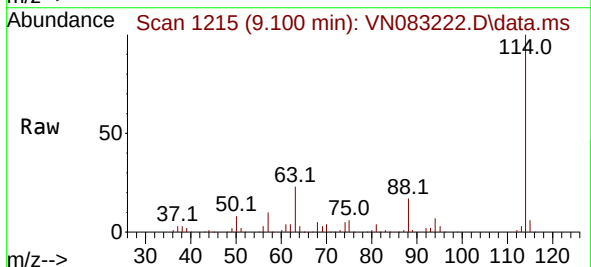
Tgt Ion:114 Resp: 286559

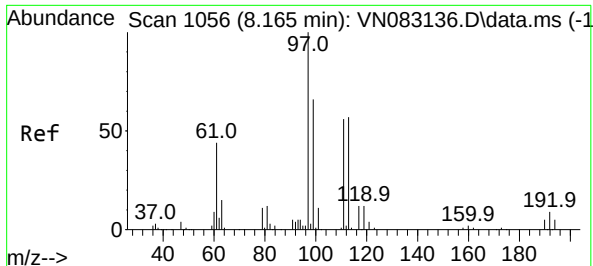
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.767 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

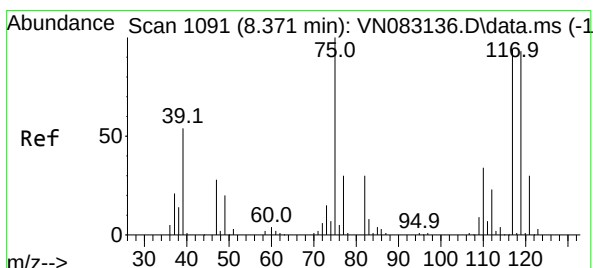
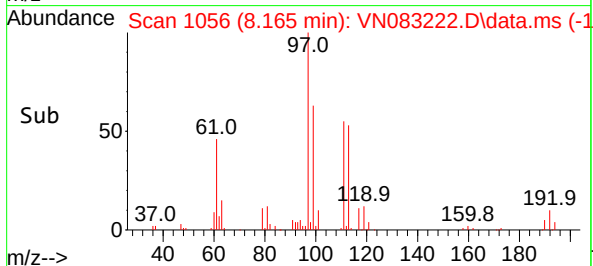
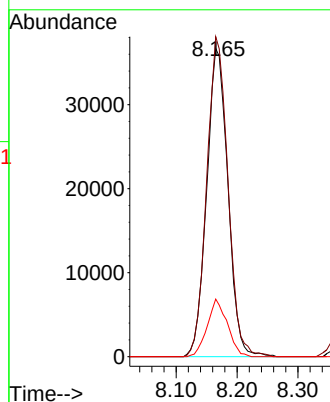
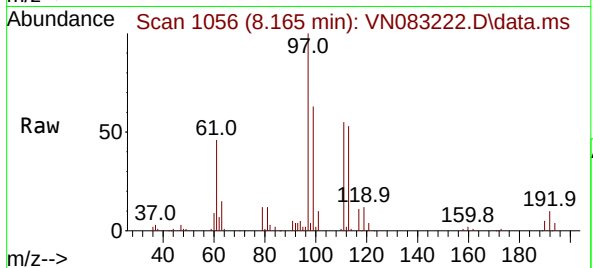
Tgt Ion:	113	Resp:	89010
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.4	123.6
192	17.7	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#36

1,1-Dichloropropene

Concen: 49.664 ug/l

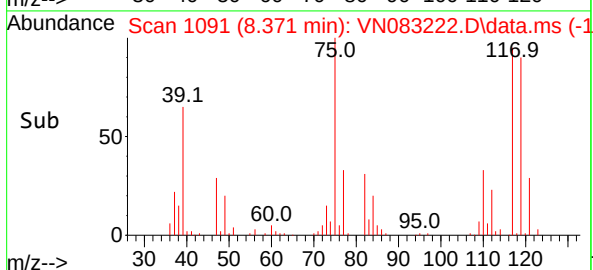
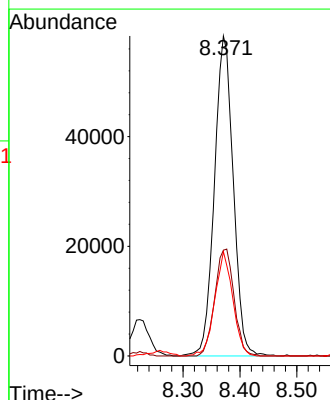
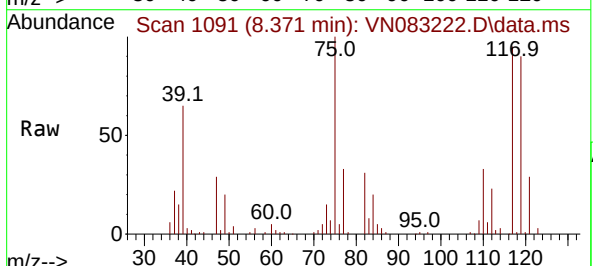
RT: 8.371 min Scan# 1091

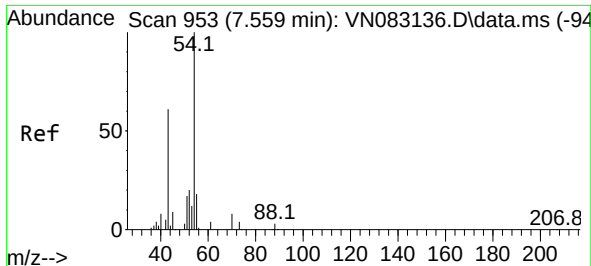
Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Tgt Ion:	75	Resp:	134378
Ion Ratio	Lower	Upper	
75	100		
110	34.2	16.3	48.9
77	31.1	24.6	37.0





#37

Ethyl Acetate

Concen: 46.962 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

Tgt Ion: 43 Resp: 14227

Ion Ratio Lower Upper

43 100

61 12.4 9.3 13.9

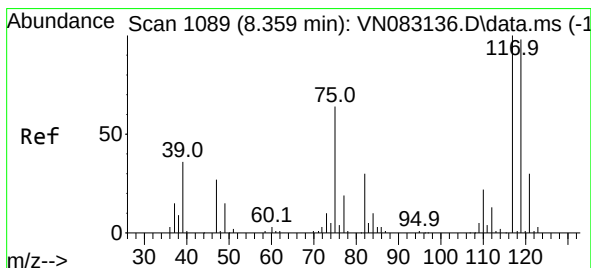
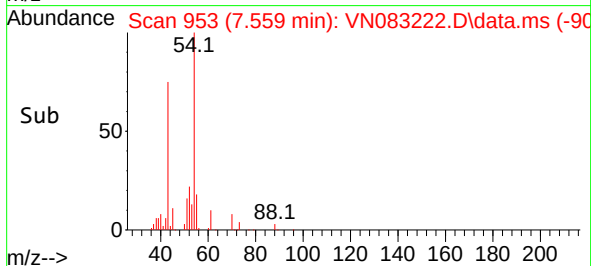
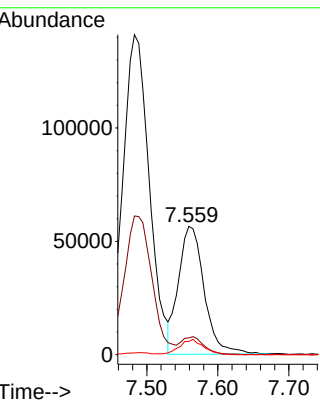
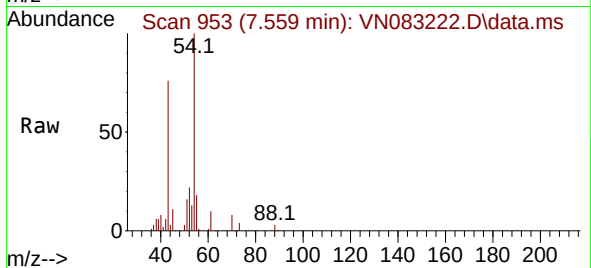
70 11.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#38

Carbon Tetrachloride

Concen: 50.773 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

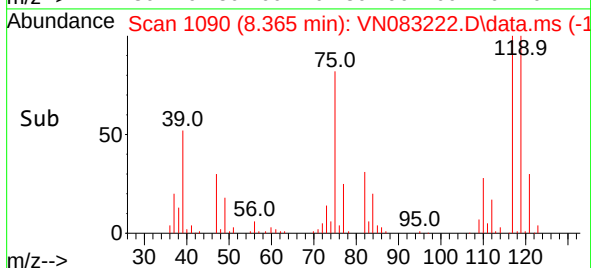
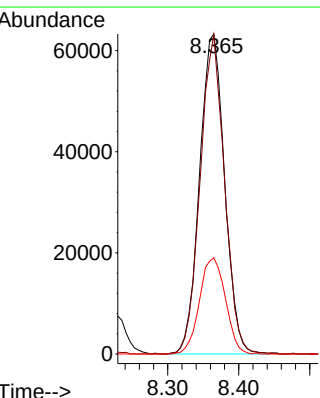
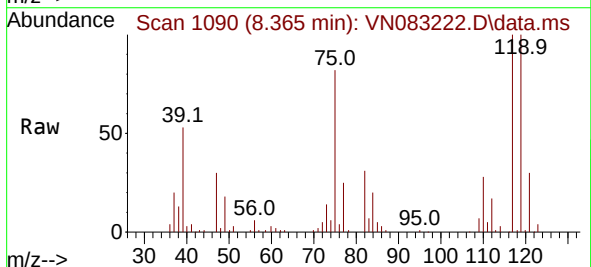
Tgt Ion:117 Resp: 154730

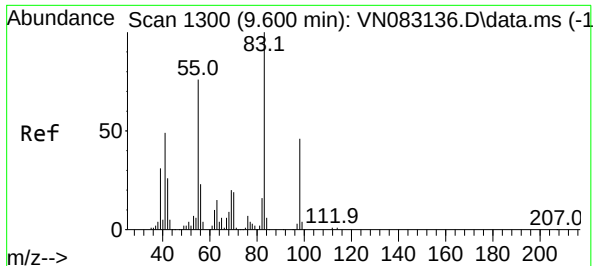
Ion Ratio Lower Upper

117 100

119 99.7 74.9 112.3

121 30.0 24.3 36.5





#39

Methylcyclohexane

Concen: 47.608 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

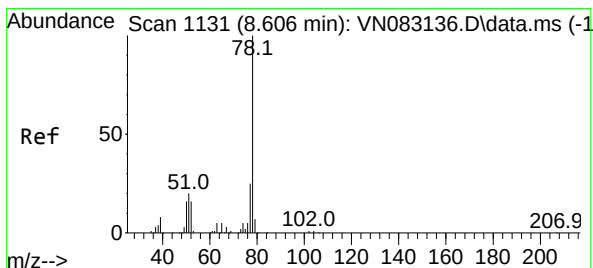
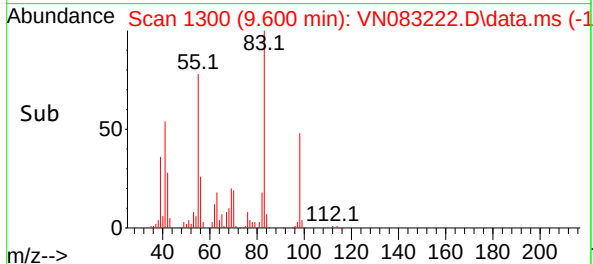
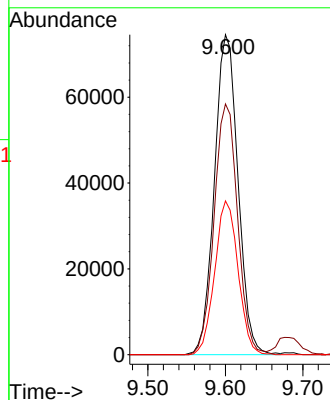
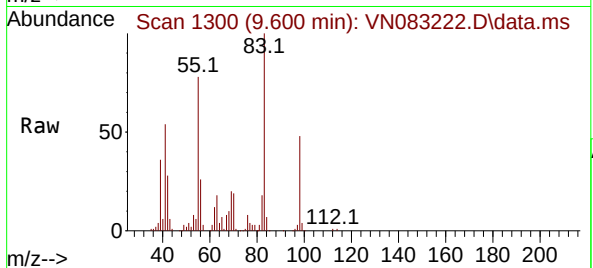
Tgt Ion:	83	Resp:	158210
Ion Ratio	Lower	Upper	
83	100		
55	78.4	66.4	99.6
98	48.0	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#40

Benzene

Concen: 50.785 ug/l

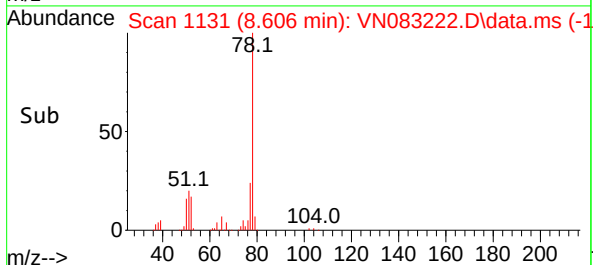
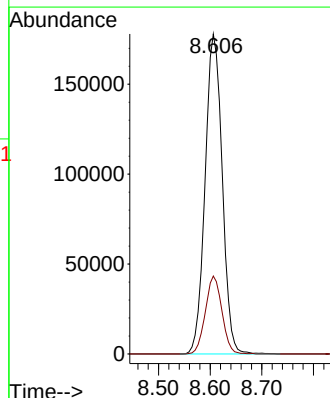
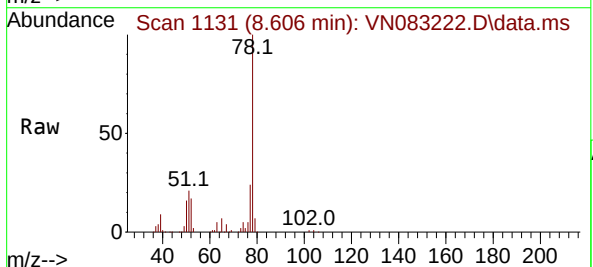
RT: 8.606 min Scan# 1131

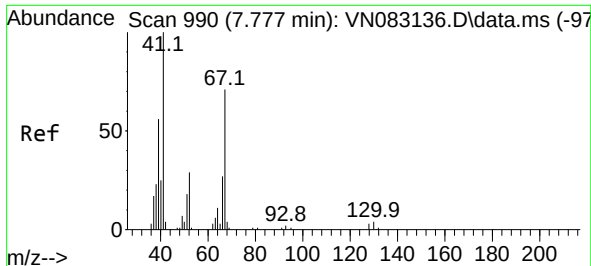
Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

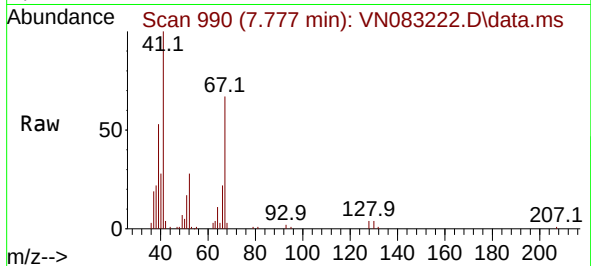
Tgt Ion:	78	Resp:	409349
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.0	28.4





#41
Methacrylonitrile
Concen: 48.511 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

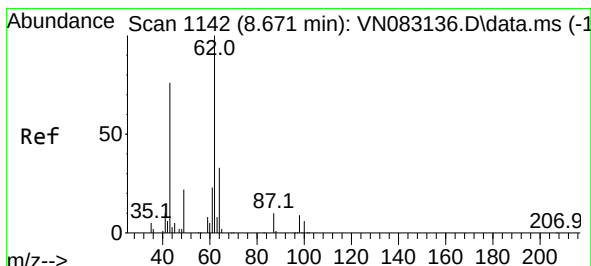
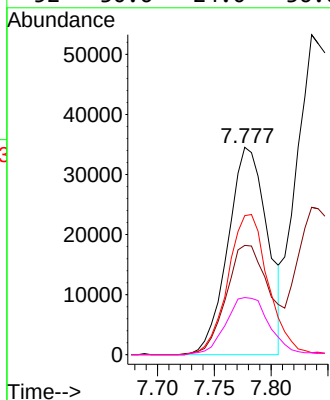
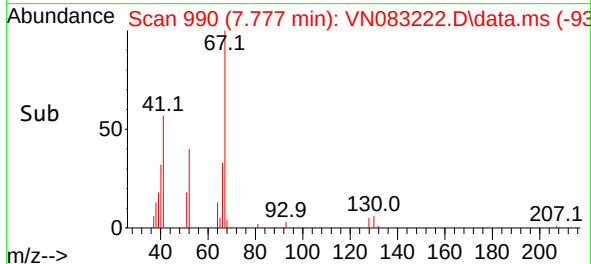
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion: 41 Resp: 83562
Ion Ratio Lower Upper
41 100
39 59.1 45.5 68.3
67 69.3 50.5 75.7
52 30.6 24.0 36.0

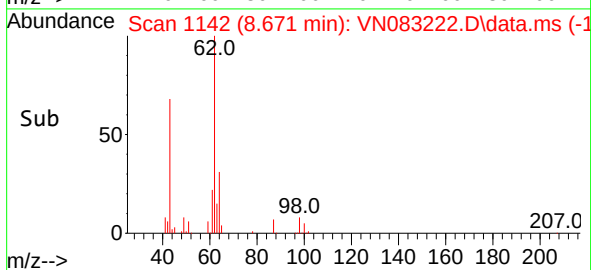
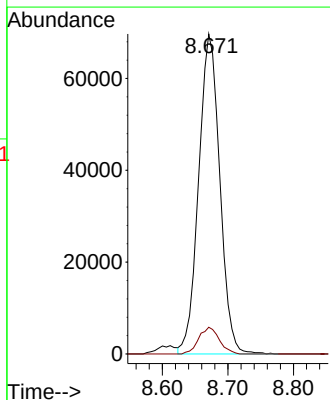
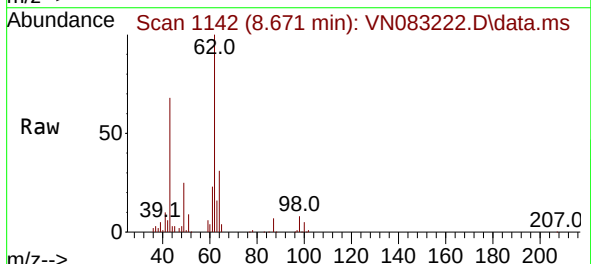
Manual Integrations
APPROVED

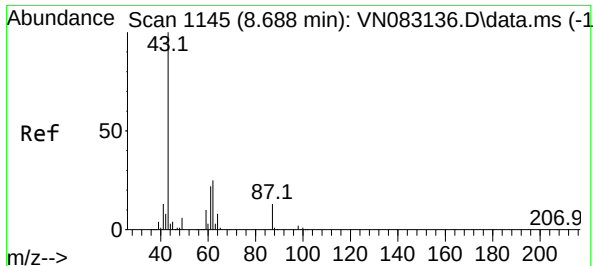
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#42
1,2-Dichloroethane
Concen: 53.312 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

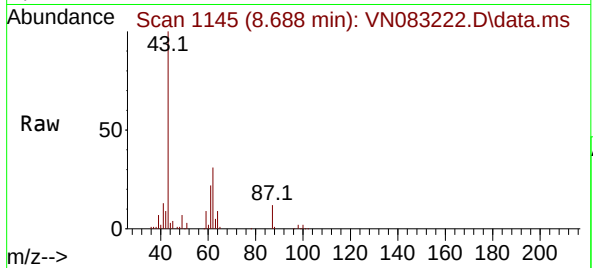
Tgt Ion: 62 Resp: 156537
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.143 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

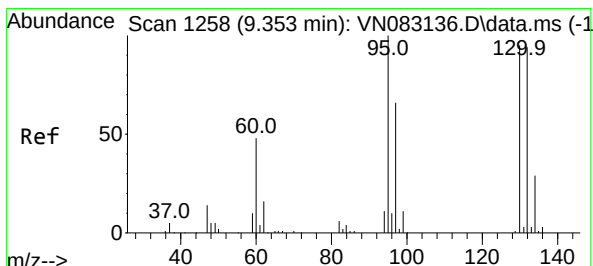
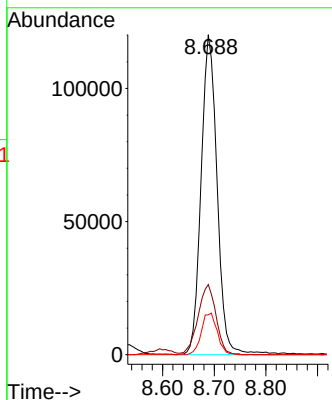
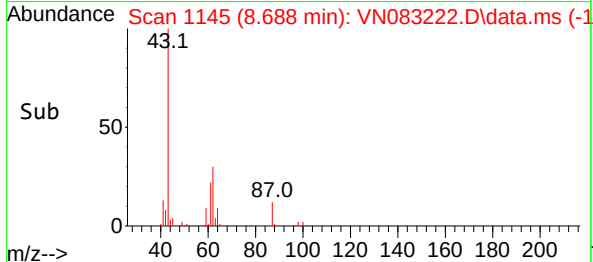
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion: 43 Resp: 258509
Ion Ratio Lower Upper
43 100
61 24.7 17.8 26.6
87 12.9 8.2 12.2

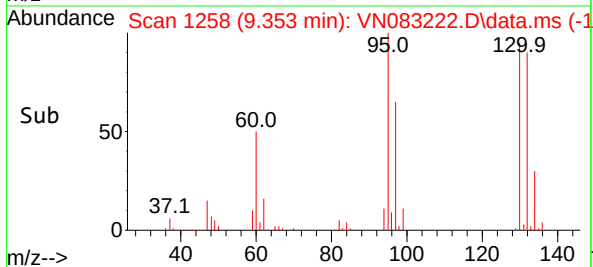
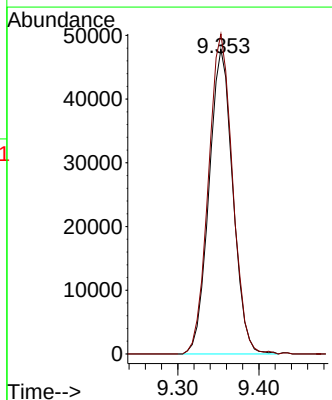
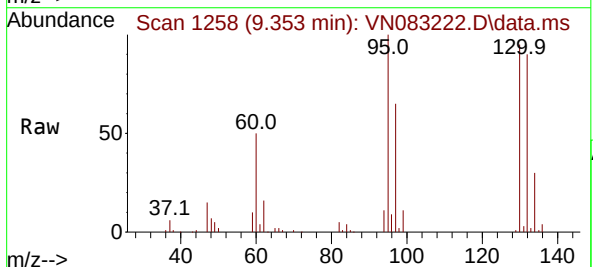
Manual Integrations
APPROVED

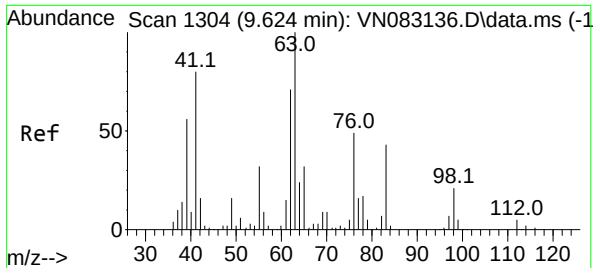
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#44
Trichloroethene
Concen: 50.747 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

Tgt Ion:130 Resp: 97360
Ion Ratio Lower Upper
130 100
95 105.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 51.644 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

Tgt Ion: 63 Resp: 98810

Ion Ratio Lower Upper

63 100

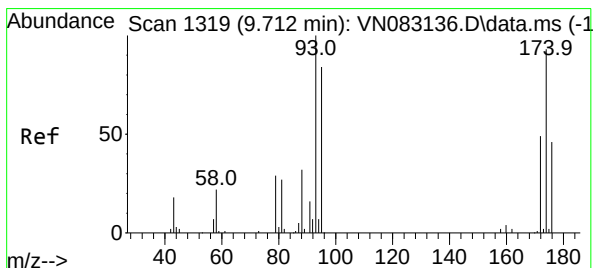
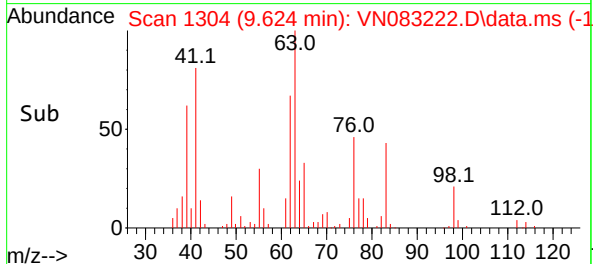
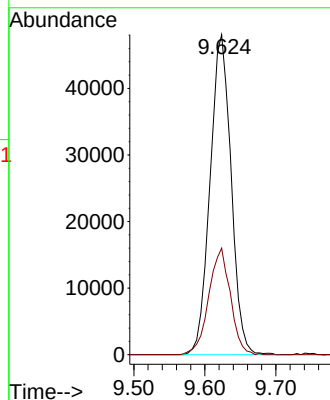
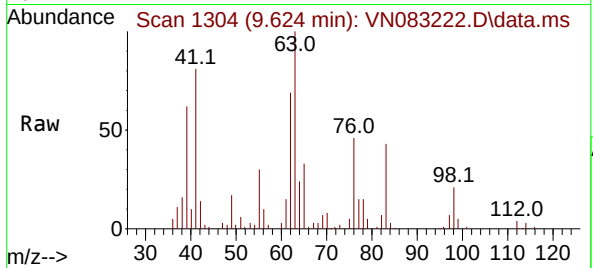
65 33.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#46

Dibromomethane

Concen: 52.629 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

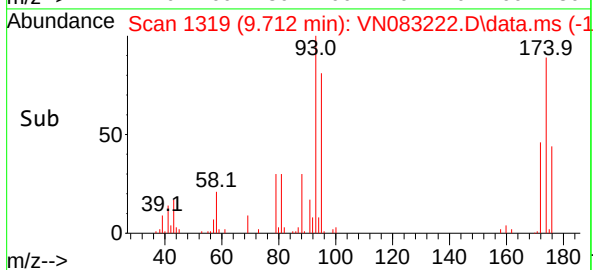
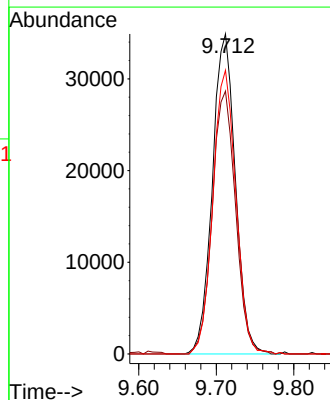
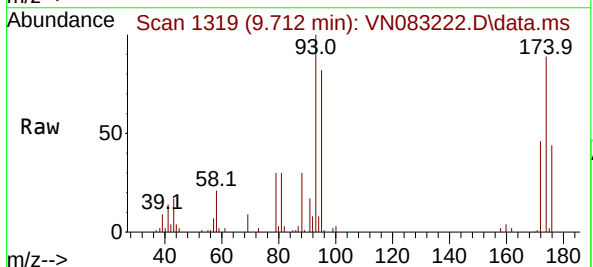
Tgt Ion: 93 Resp: 72076

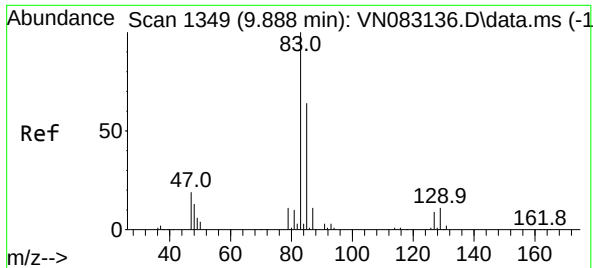
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

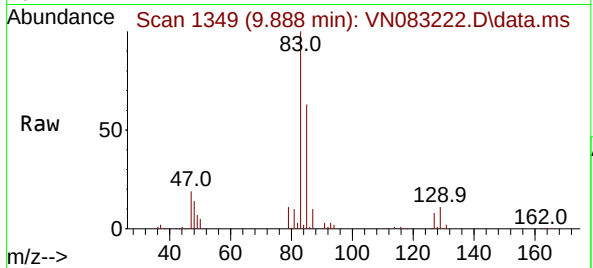
174 88.8 71.7 107.5





#47
Bromodichloromethane
Concen: 51.758 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

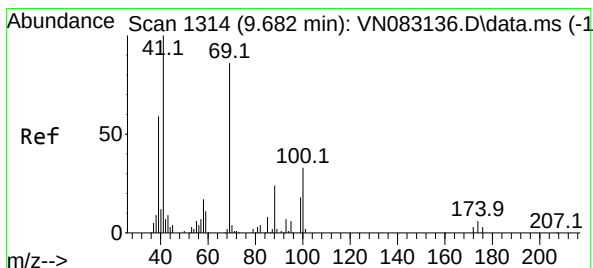
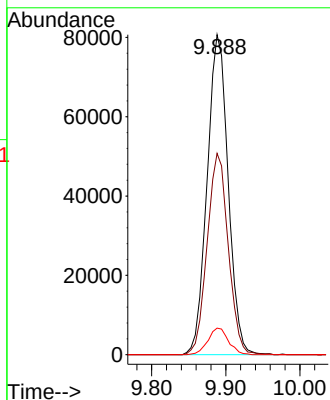
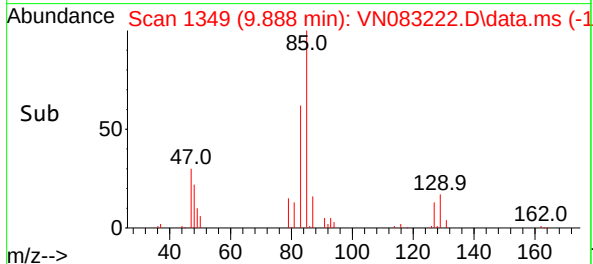
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



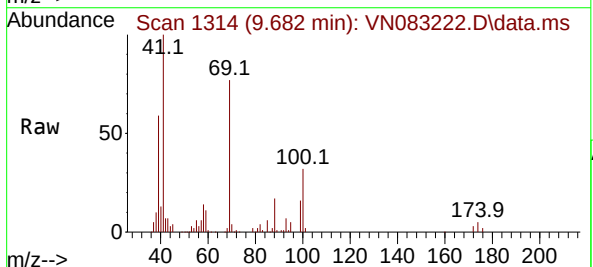
Tgt Ion: 83 Resp: 15915
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 8.3 7.2 10.8

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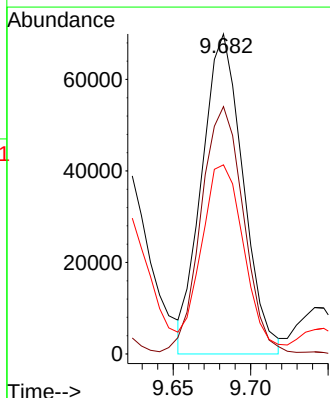
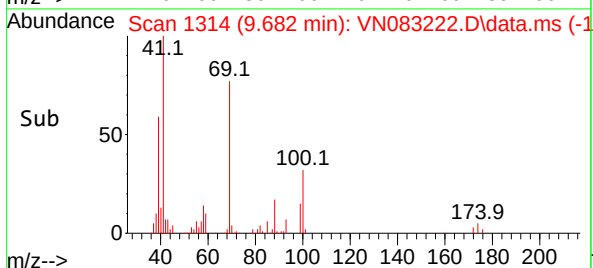
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

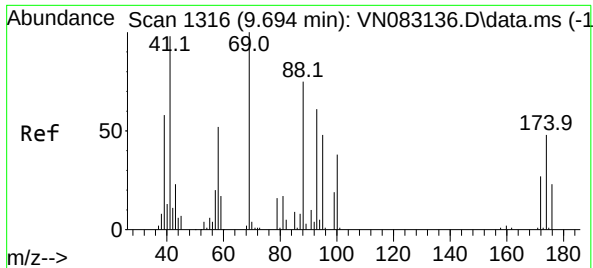


#48
Methyl methacrylate
Concen: 51.546 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



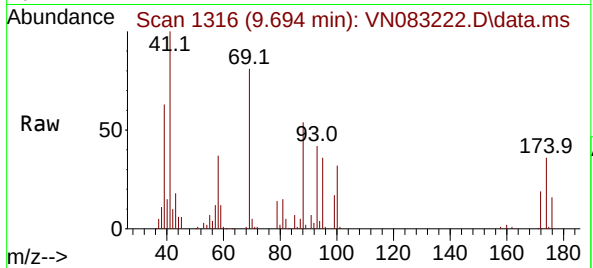
Tgt Ion: 41 Resp: 129104
Ion Ratio Lower Upper
41 100
69 80.3 56.3 84.5
39 62.1 50.3 75.5





#49
1,4-Dioxane
Concen: 995.751 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

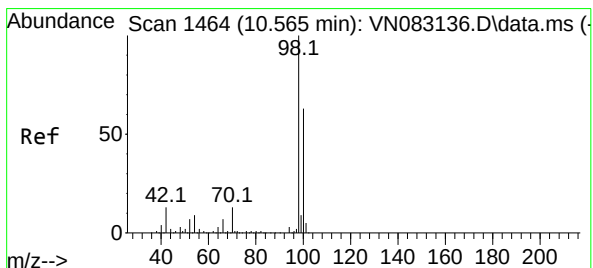
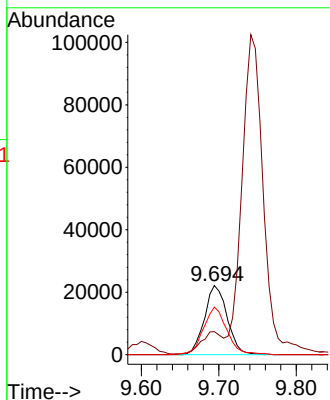
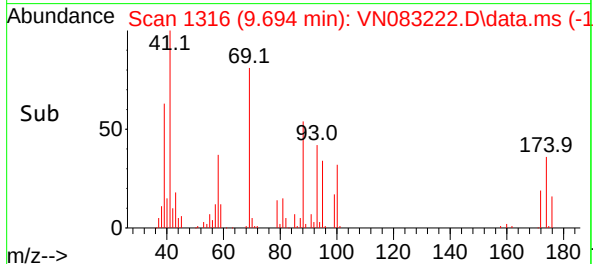
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion: 88 Resp: 44994
Ion Ratio Lower Upper
88 100
43 29.8 27.8 41.8
58 71.5 59.4 89.0

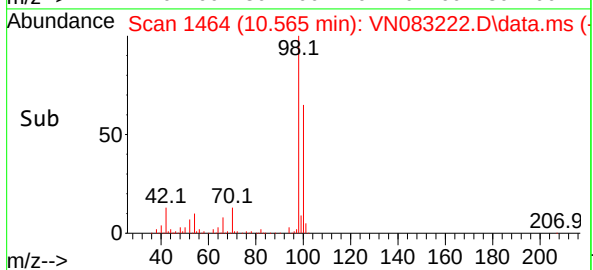
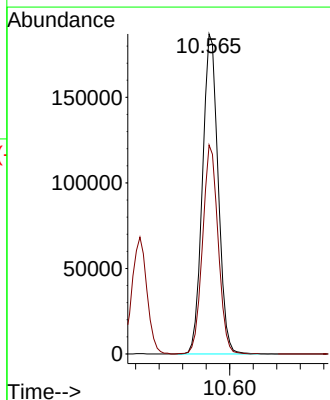
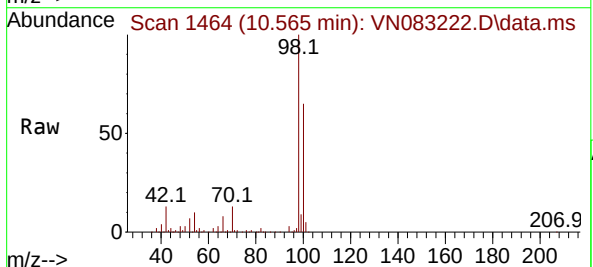
Manual Integrations
APPROVED

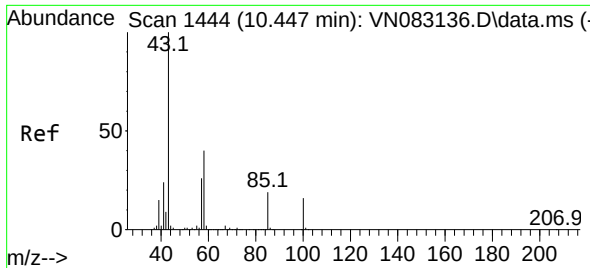
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#50
Toluene-d8
Concen: 51.680 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

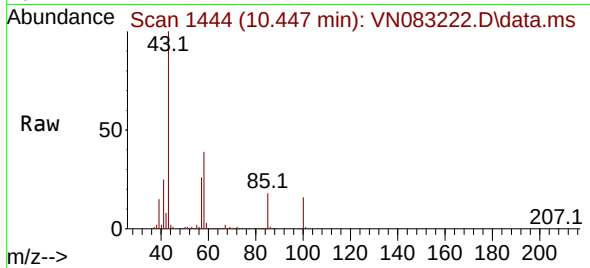
Tgt Ion: 98 Resp: 344813
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 266.195 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

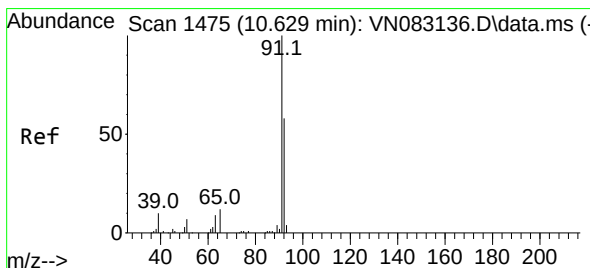
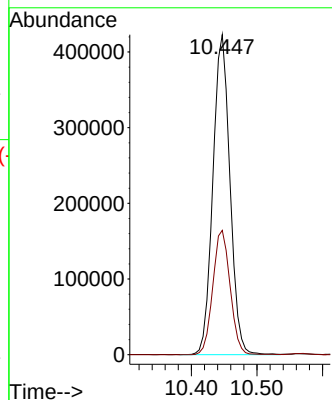
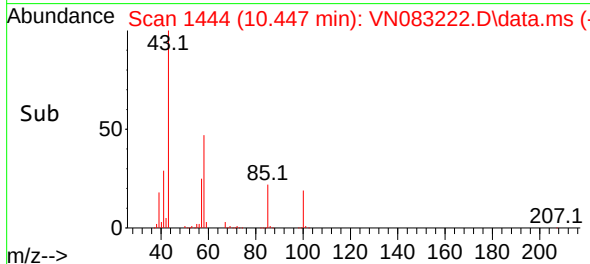
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion: 43 Resp: 762598
Ion Ratio Lower Upper
43 100
58 39.5 28.2 42.4

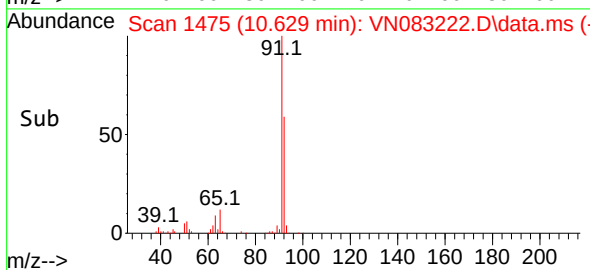
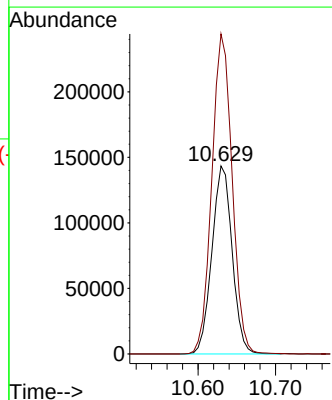
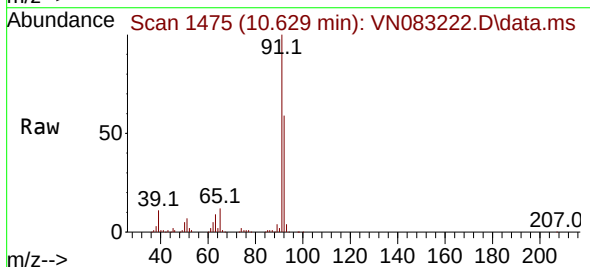
Manual Integrations
APPROVED

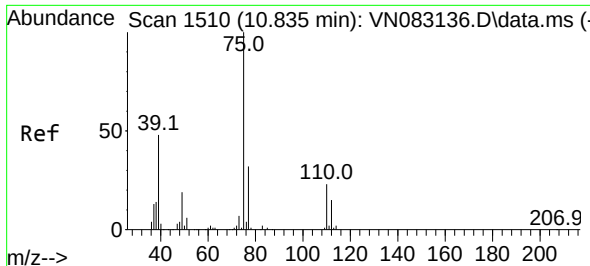
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#52
Toluene
Concen: 51.082 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

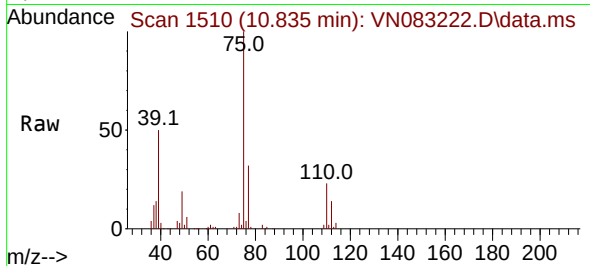
Tgt Ion: 92 Resp: 260155
Ion Ratio Lower Upper
92 100
91 171.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 49.692 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

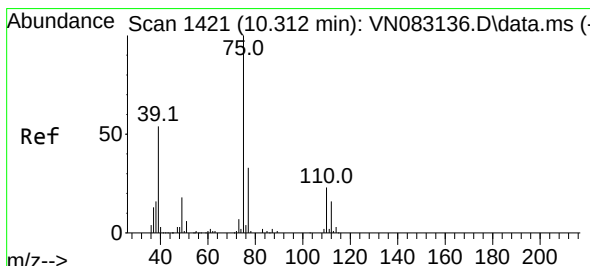
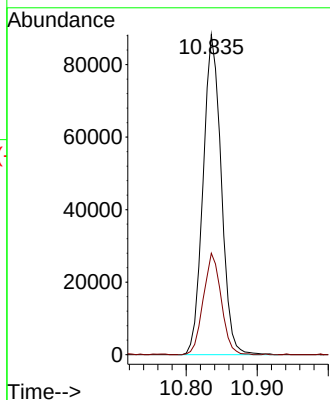
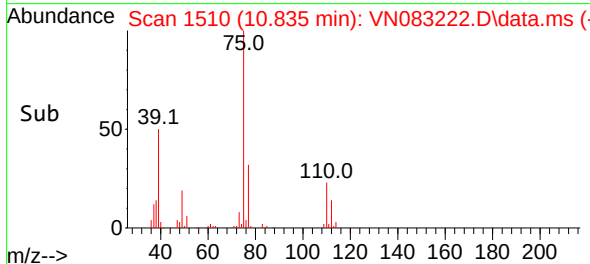
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



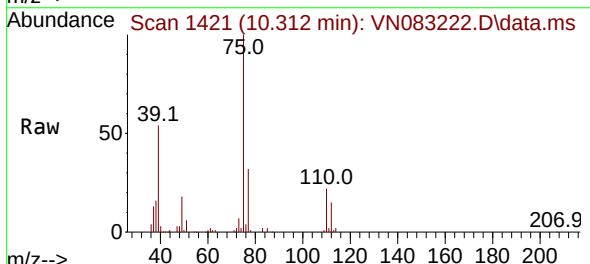
Tgt Ion: 75 Resp: 156959
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

Manual Integrations
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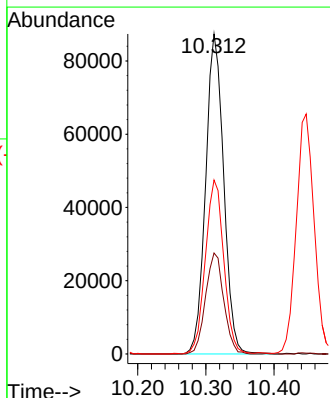
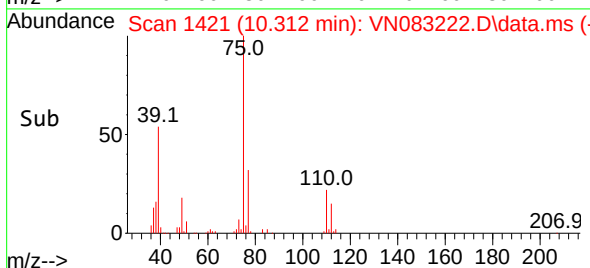
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

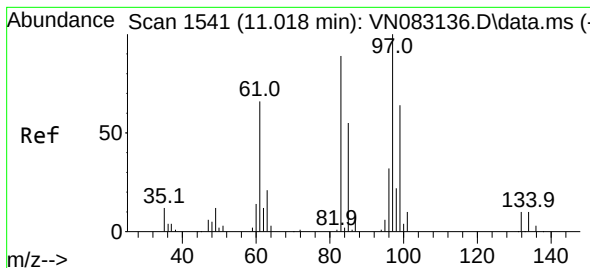


#54
cis-1,3-Dichloropropene
Concen: 47.949 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



Tgt Ion: 75 Resp: 161094
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5
39 54.2 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 52.556 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

Tgt Ion: 97 Resp: 9592

Ion Ratio Lower Upper

97 100

83 81.2 71.4 107.0

85 56.4 45.8 68.6

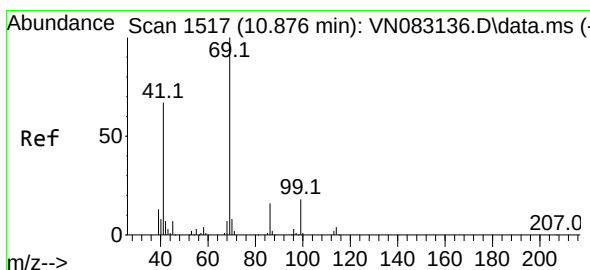
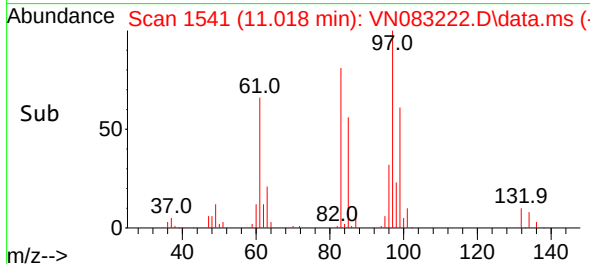
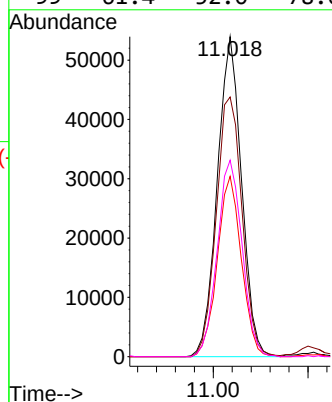
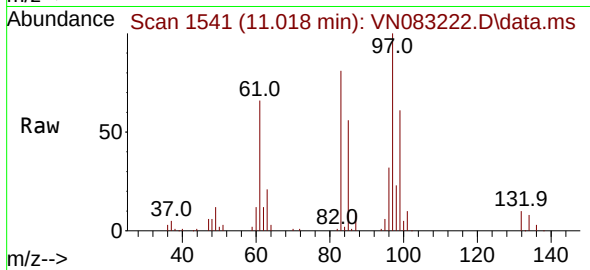
99 61.4 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#56

Ethyl methacrylate

Concen: 48.920 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

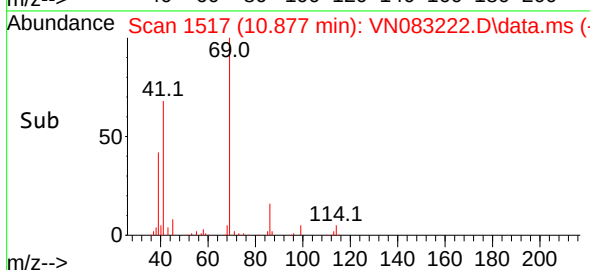
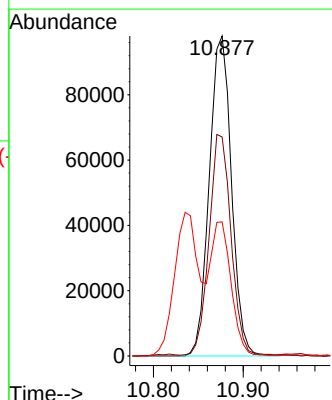
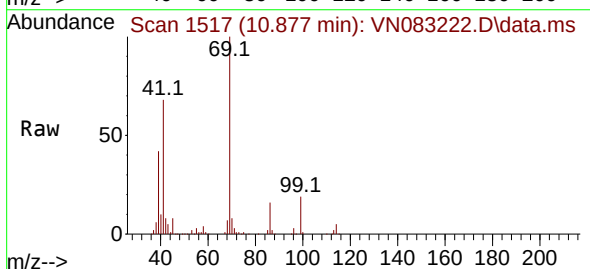
Tgt Ion: 69 Resp: 168318

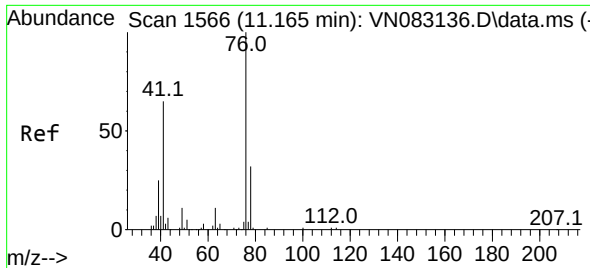
Ion Ratio Lower Upper

69 100

41 67.8 63.4 95.2

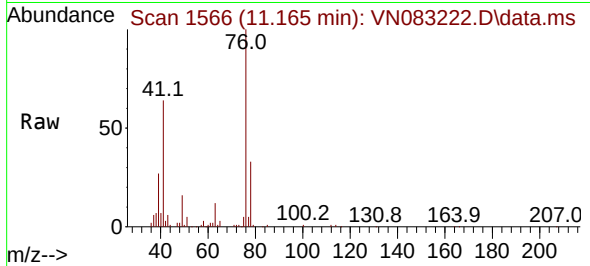
39 37.0 37.4 56.0#





#57
1,3-Dichloropropane
Concen: 52.294 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

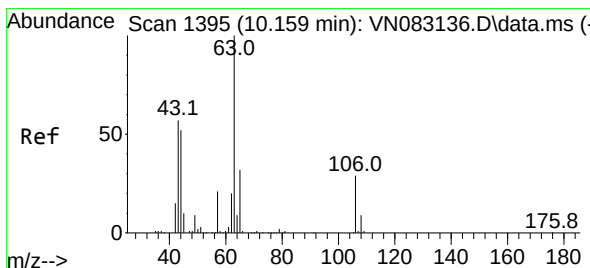
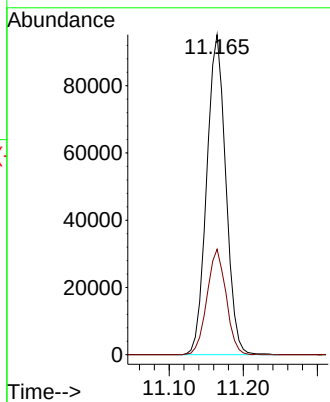
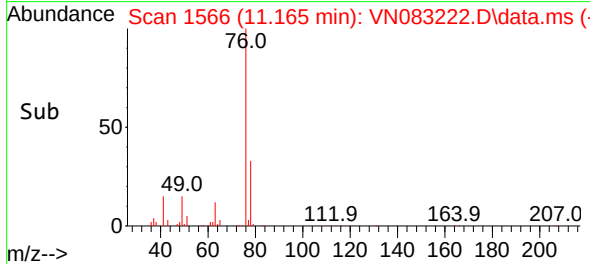
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion: 76 Resp: 170120
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4

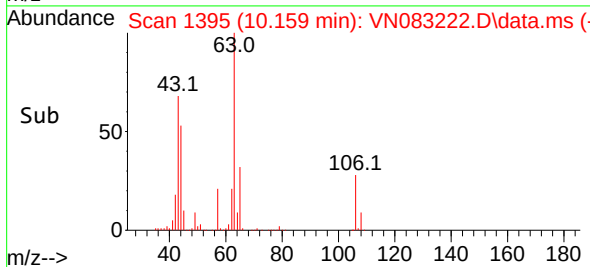
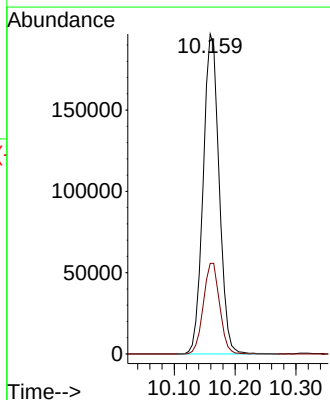
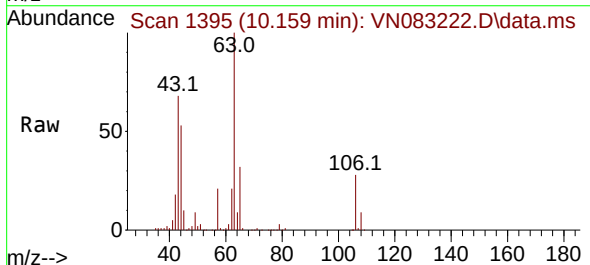
Manual Integrations
APPROVED

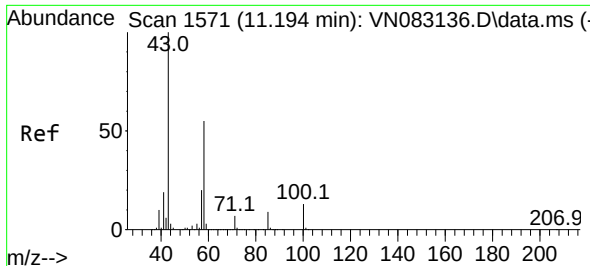
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 246.631 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

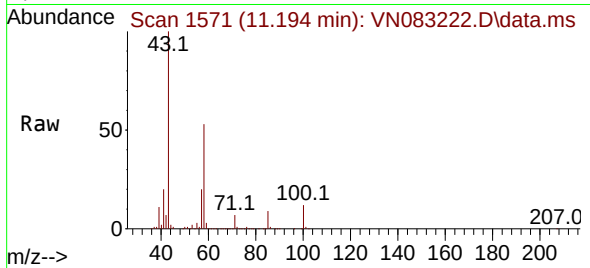
Tgt Ion: 63 Resp: 358697
Ion Ratio Lower Upper
63 100
106 28.8 21.4 32.0





#59
2-Hexanone
Concen: 264.525 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

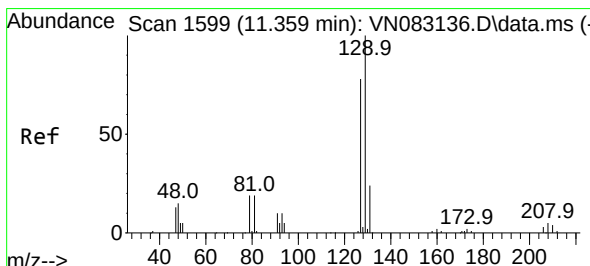
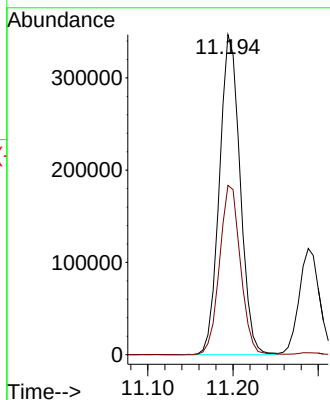
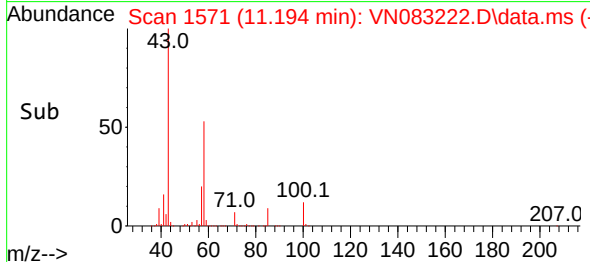
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



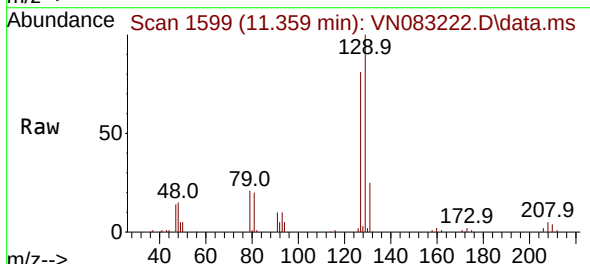
Tgt Ion: 43 Resp: 58627
Ion Ratio Lower Upper
43 100
58 53.4 24.6 73.8

Manual Integrations
APPROVED

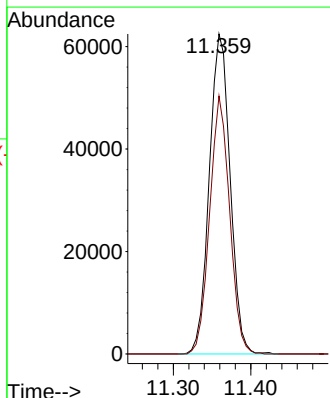
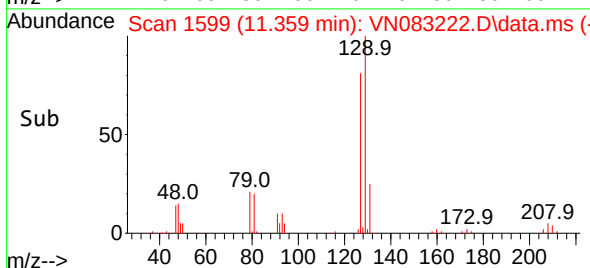
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

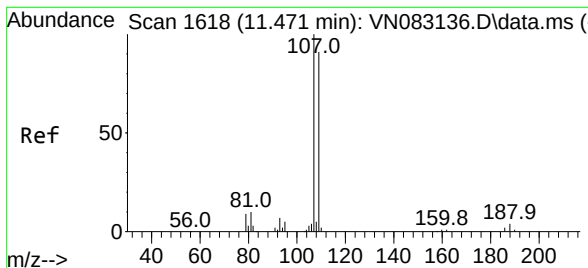


#60
Dibromochloromethane
Concen: 52.885 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



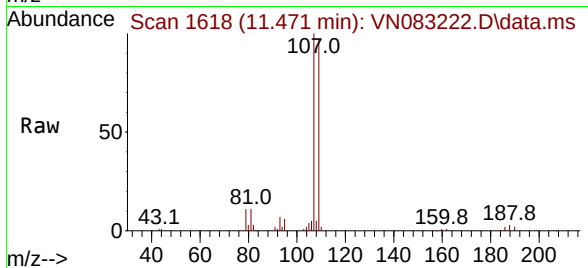
Tgt Ion:129 Resp: 116699
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 51.685 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

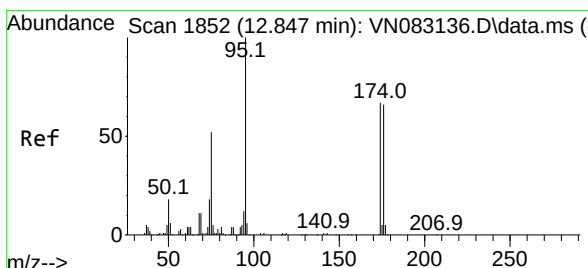
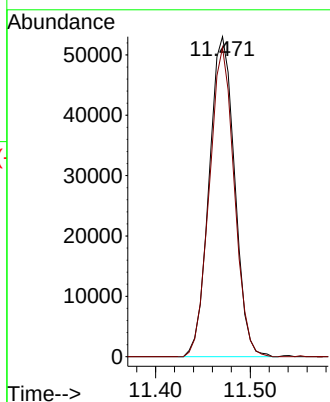
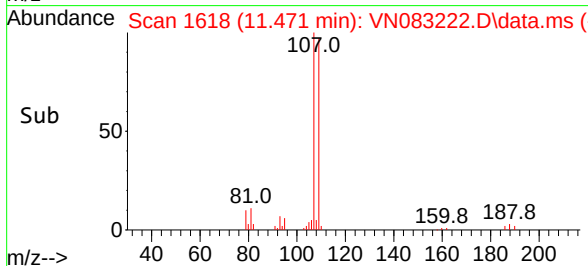
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion:107 Resp: 9909
Ion Ratio Lower Upper
107 100
109 94.5 73.7 110.5

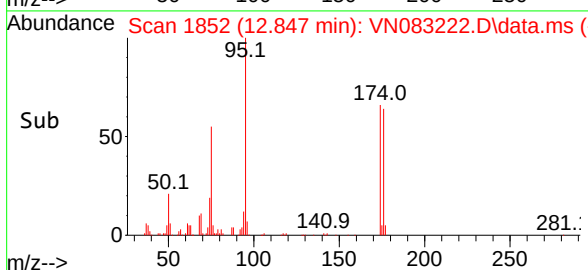
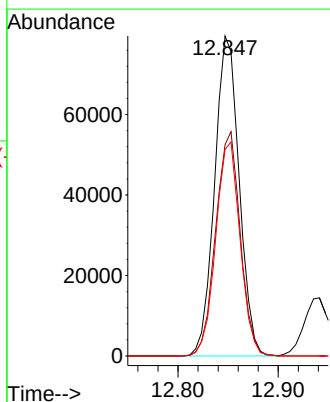
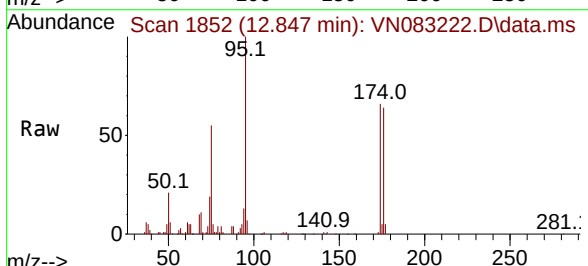
Manual Integrations
APPROVED

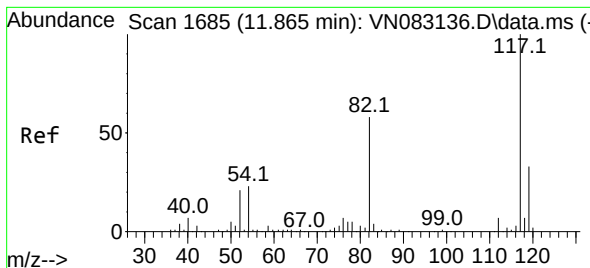
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#62
4-Bromofluorobenzene
Concen: 51.945 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

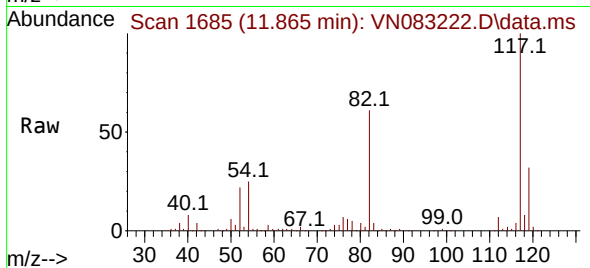
Tgt Ion: 95 Resp: 135116
Ion Ratio Lower Upper
95 100
174 70.1 0.0 159.2
176 66.4 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

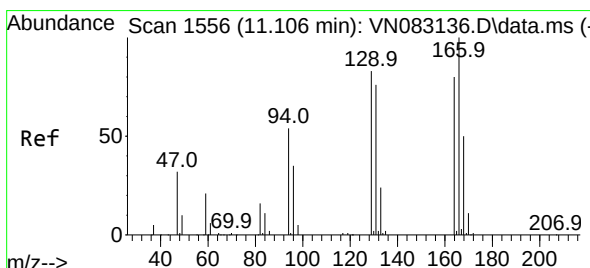
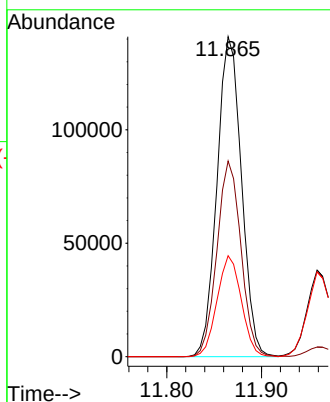
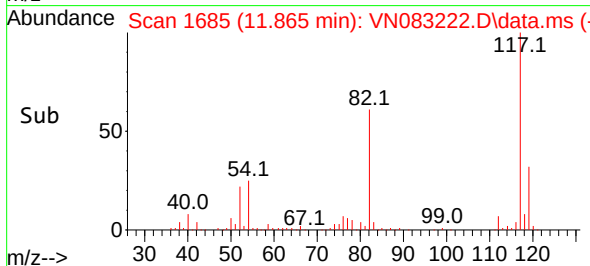
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion:117 Resp: 253490
Ion Ratio Lower Upper
117 100
82 61.2 47.5 71.3
119 31.6 25.6 38.4

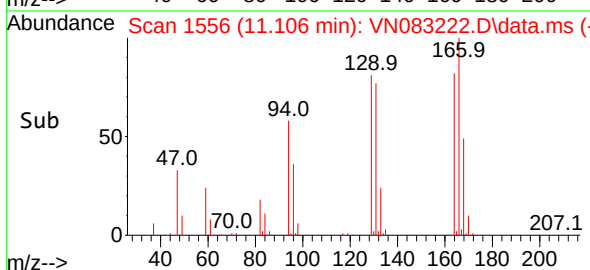
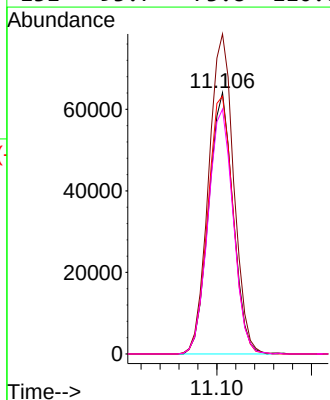
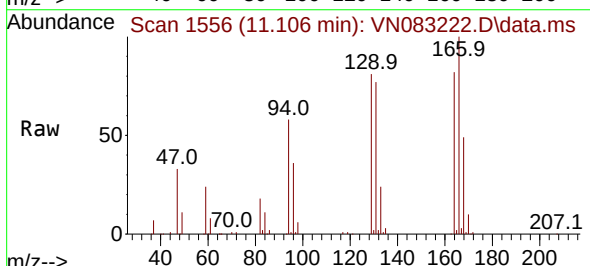
Manual Integrations
APPROVED

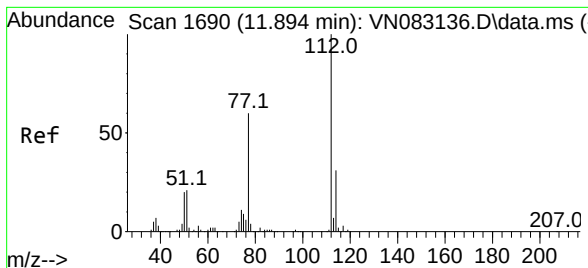
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#64
Tetrachloroethene
Concen: 68.284 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

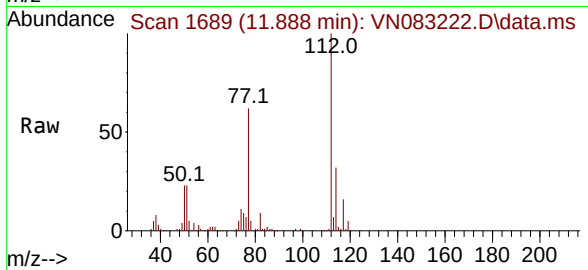
Tgt Ion:164 Resp: 114638
Ion Ratio Lower Upper
164 100
166 122.5 101.4 152.0
129 98.7 75.7 113.5
131 93.7 73.8 110.6





#65
Chlorobenzene
Concen: 49.986 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

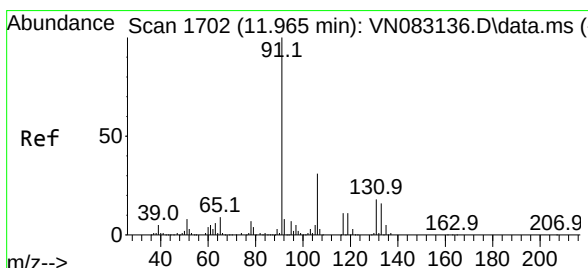
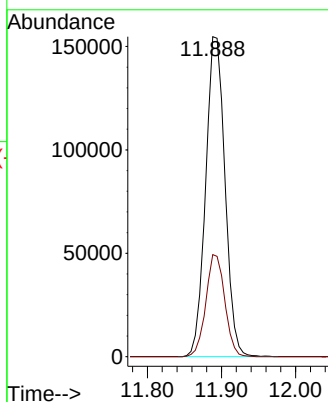
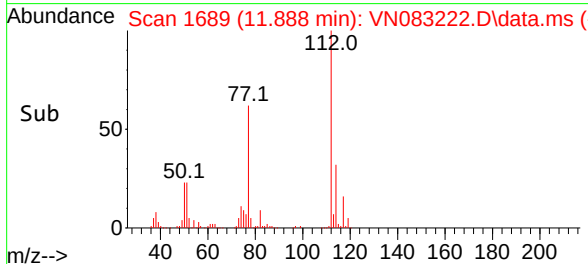
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



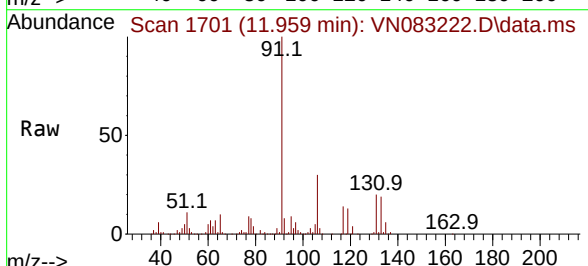
Tgt Ion:112 Resp: 28002
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

Manual Integrations
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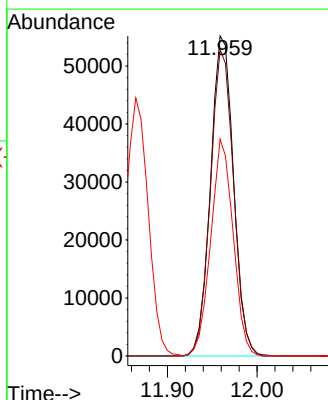
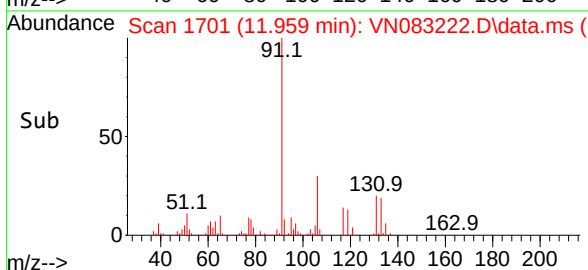
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

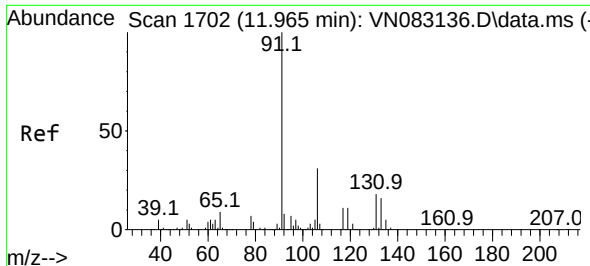


#66
1,1,1,2-Tetrachloroethane
Concen: 49.621 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



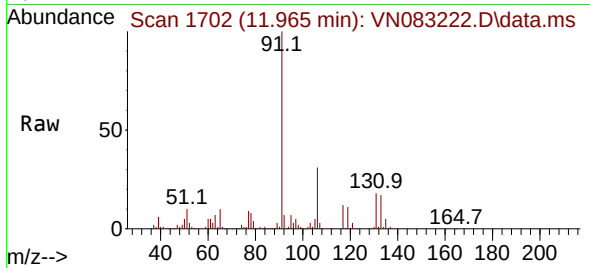
Tgt Ion:131 Resp: 98036
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 66.2 32.5 97.4





#67
Ethyl Benzene
Concen: 50.174 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

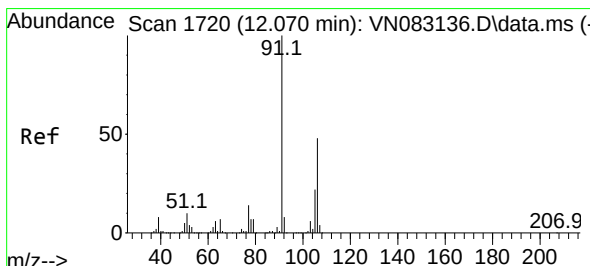
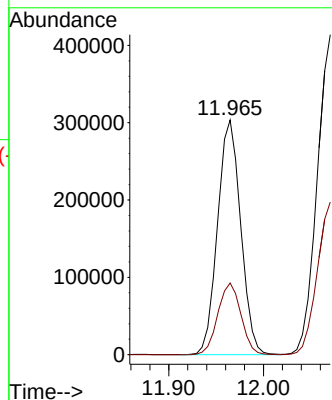
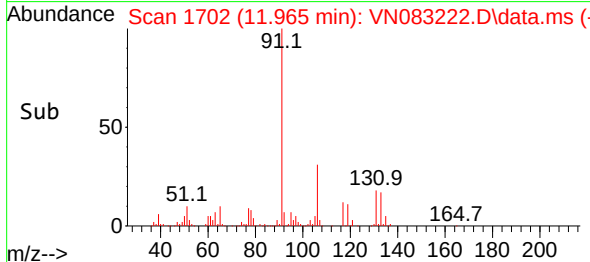
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



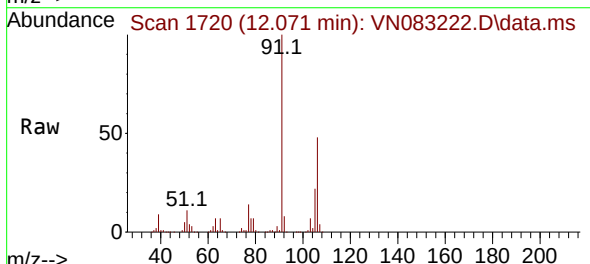
Tgt Ion: 91 Resp: 51562
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

Manual Integrations
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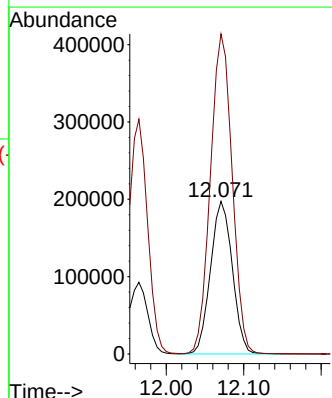
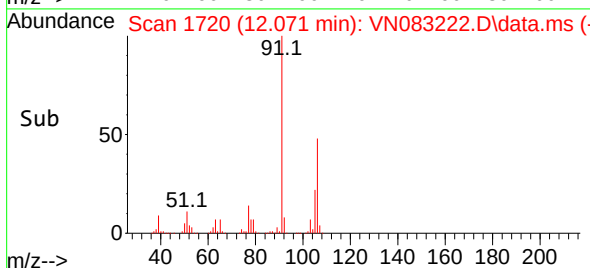
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

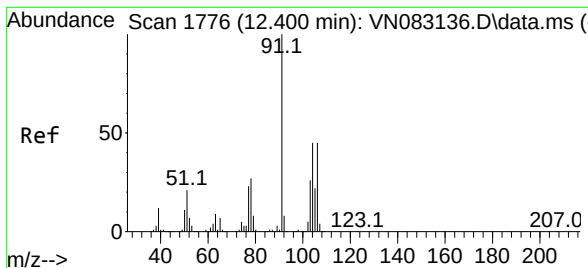


#68
m/p-Xylenes
Concen: 100.197 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



Tgt Ion:106 Resp: 385711
Ion Ratio Lower Upper
106 100
91 209.8 166.1 249.1





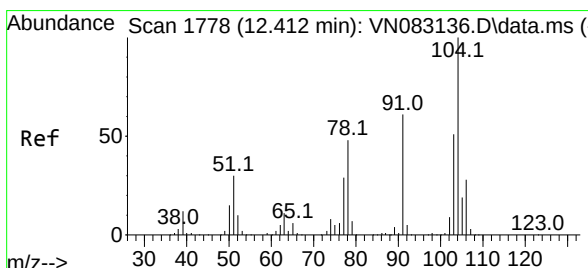
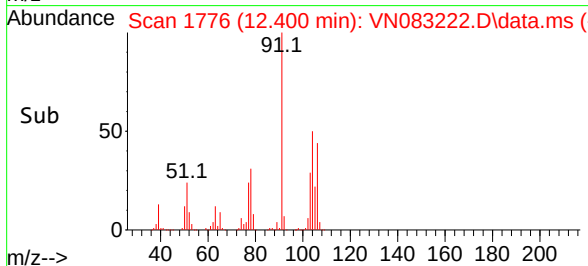
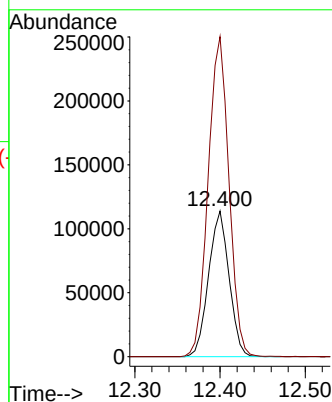
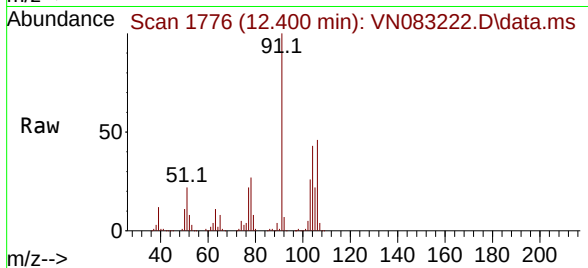
#69
o-Xylene
Concen: 50.126 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

Instrument :
MSVOA_N
ClientSampleId :
TS04MSD

Tgt Ion:106 Resp: 190312
Ion Ratio Lower Upper
106 100
91 223.2 111.3 333.9

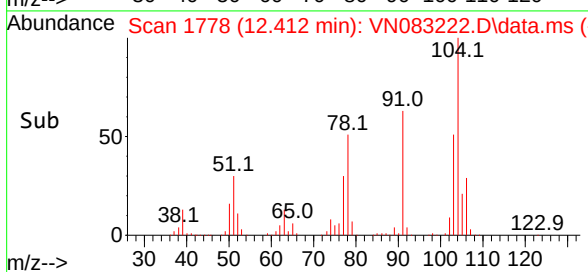
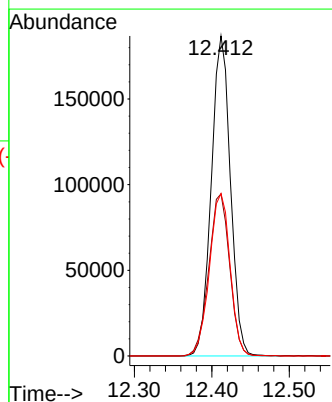
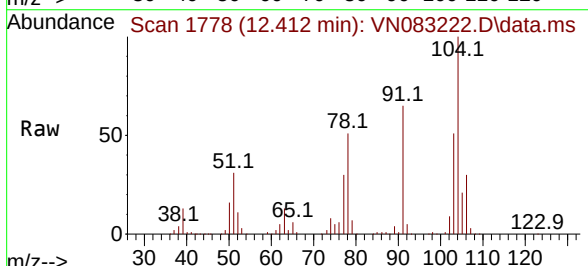
Manual Integrations
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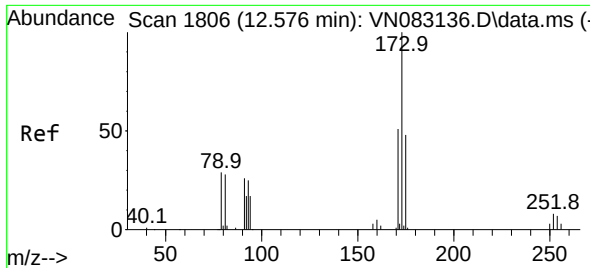
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#70
Styrene
Concen: 50.311 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

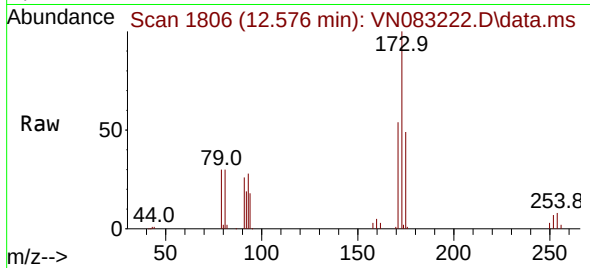
Tgt Ion:104 Resp: 320821
Ion Ratio Lower Upper
104 100
78 55.3 41.6 62.4
103 54.7 44.0 66.0





#71
Bromoform
Concen: 51.379 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

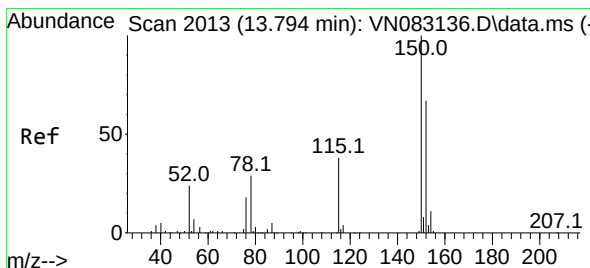
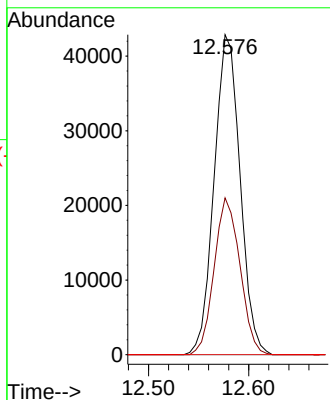
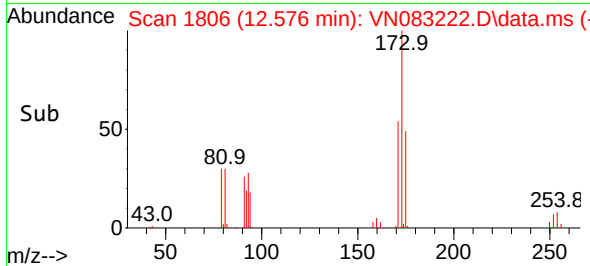
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



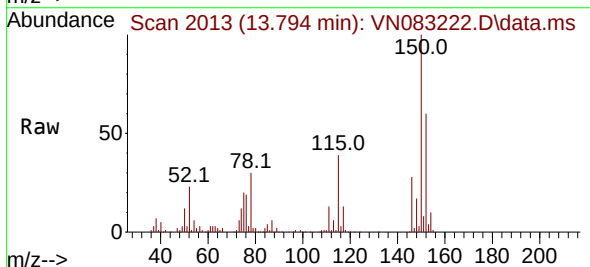
Tgt Ion:173 Resp: 7690
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

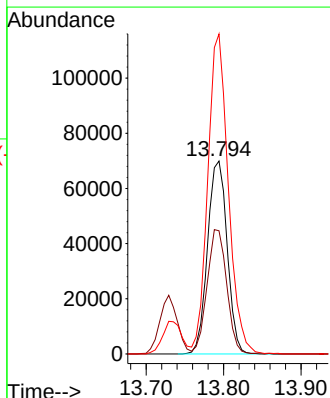
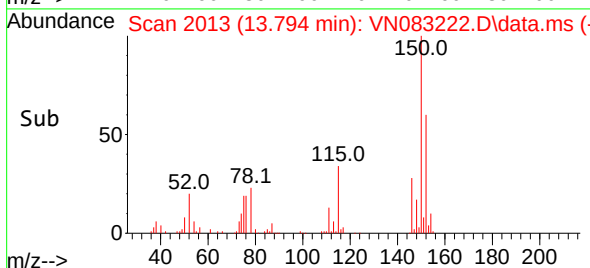
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

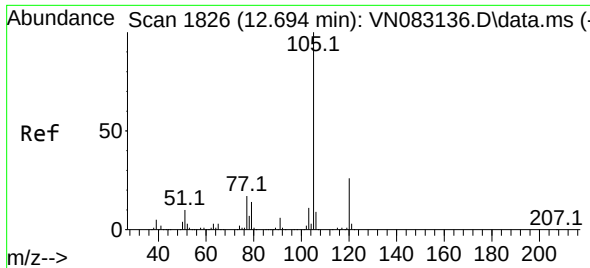


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



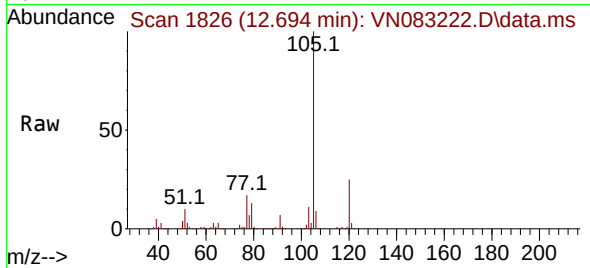
Tgt Ion:152 Resp: 123116
Ion Ratio Lower Upper
152 100
115 64.4 30.6 91.6
150 173.1 0.0 348.6





#73
Isopropylbenzene
Concen: 47.996 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

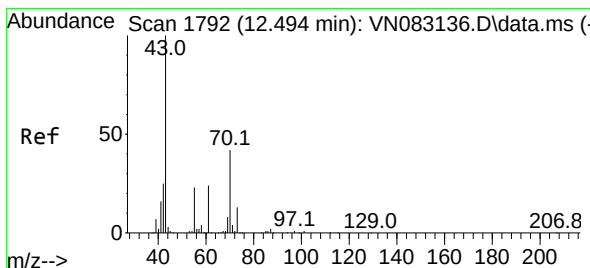
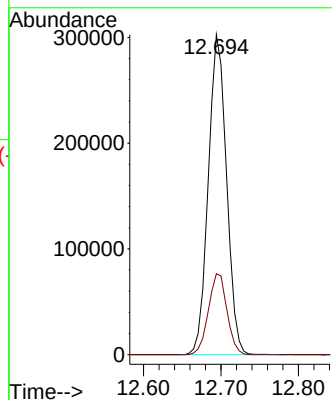
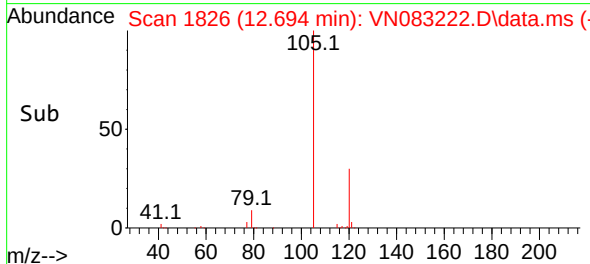
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



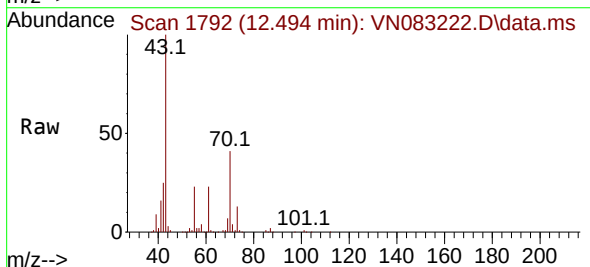
Tgt Ion:105 Resp: 49425
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations
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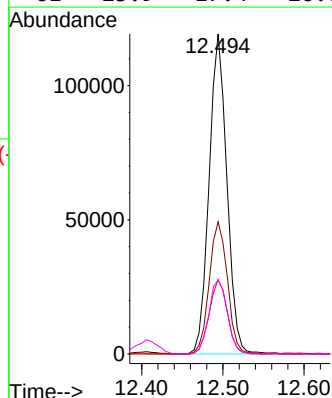
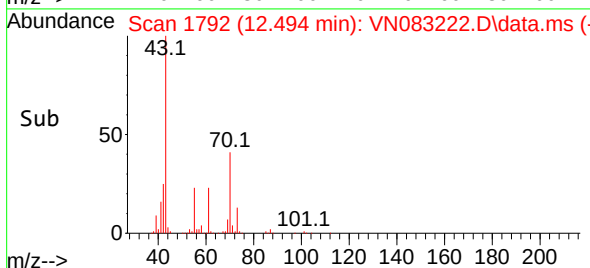
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

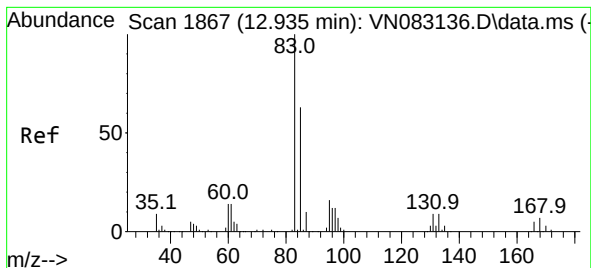


#74
N-ethyl acetate
Concen: 36.007 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



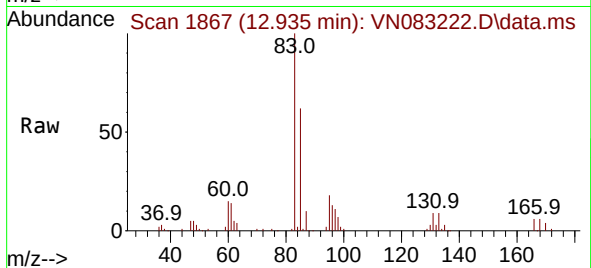
Tgt Ion: 43 Resp: 181368
Ion Ratio Lower Upper
43 100
70 42.1 29.8 44.6
55 23.8 18.7 28.1
61 23.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 48.002 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

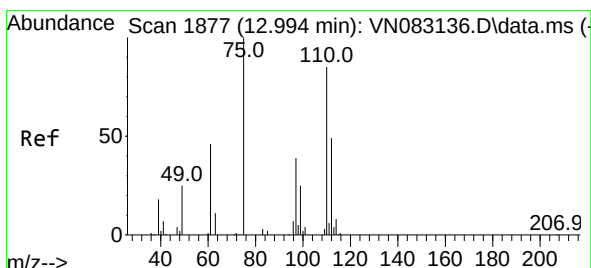
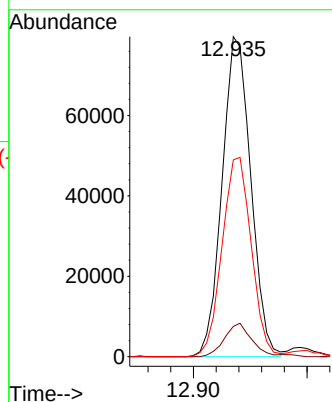
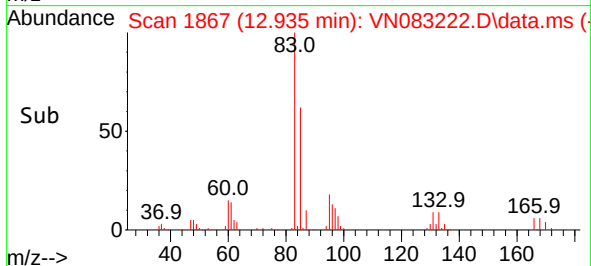
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



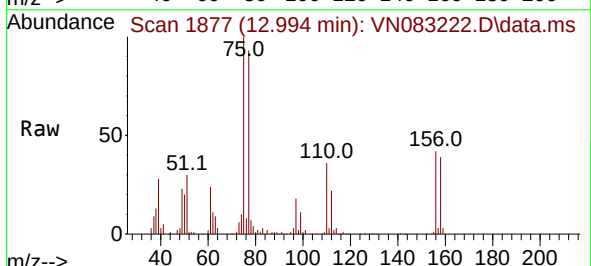
Tgt Ion: 83 Resp: 139809
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.4 31.9 95.7

Manual Integrations
APPROVED

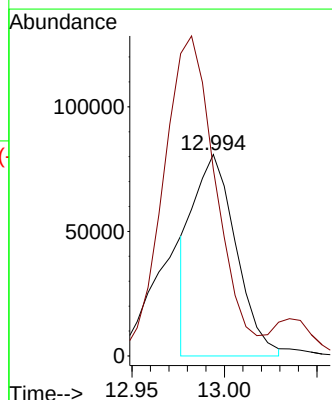
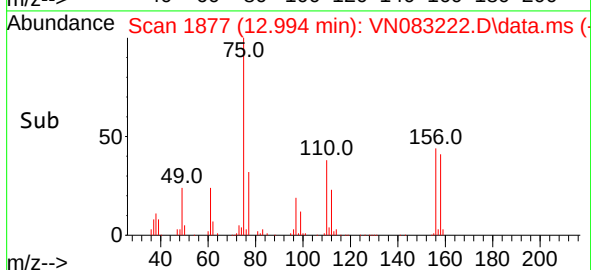
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

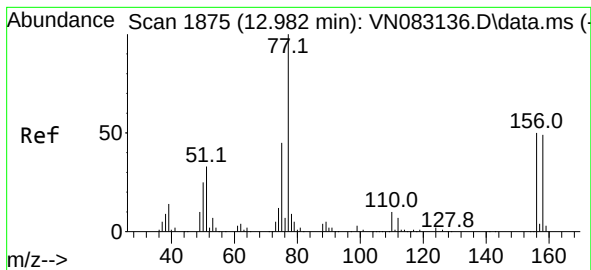


#76
1,2,3-Trichloropropane
Concen: 48.338 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



Tgt Ion: 75 Resp: 130615
Ion Ratio Lower Upper
75 100
77 194.6 110.9 332.6





#77

Bromobenzene

Concen: 48.819 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

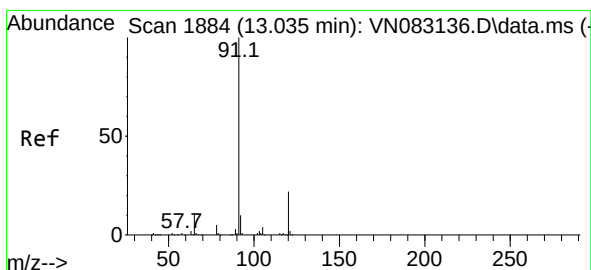
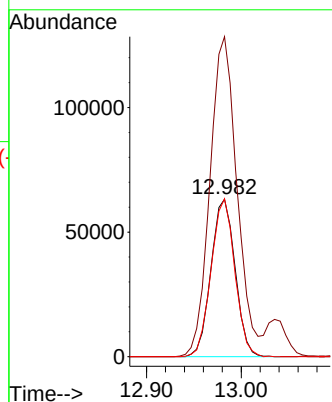
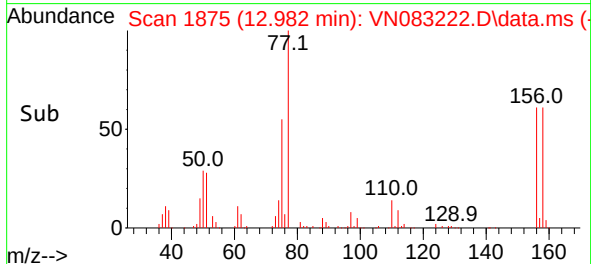
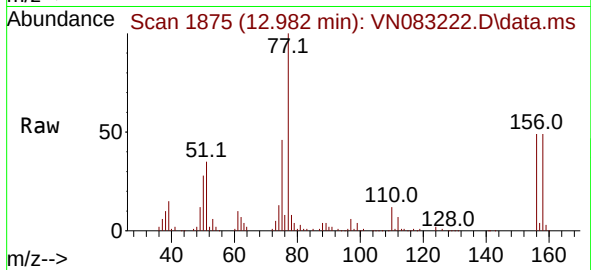
Tgt Ion:156 Resp: 111670
 Ion Ratio Lower Upper
 156 100
 77 227.6 111.3 333.8
 158 98.5 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#78

n-propylbenzene

Concen: 48.971 ug/l

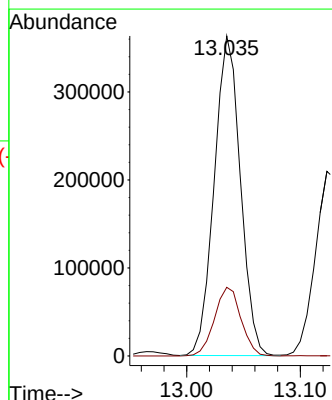
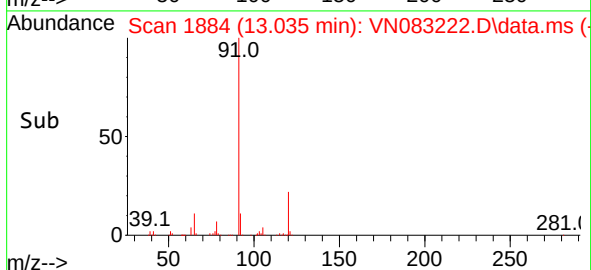
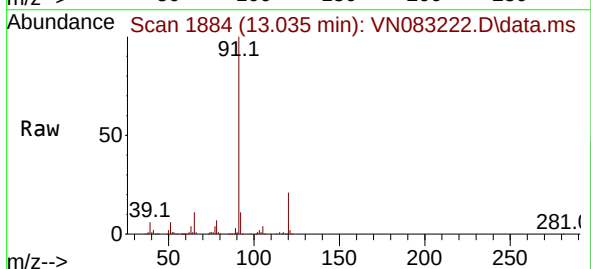
RT: 13.035 min Scan# 1884

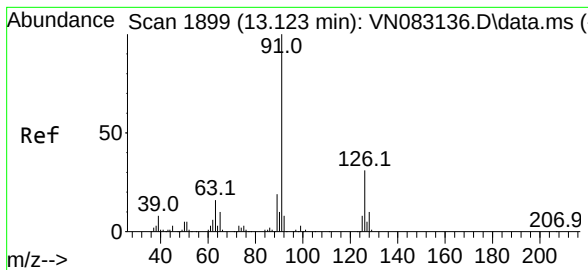
Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

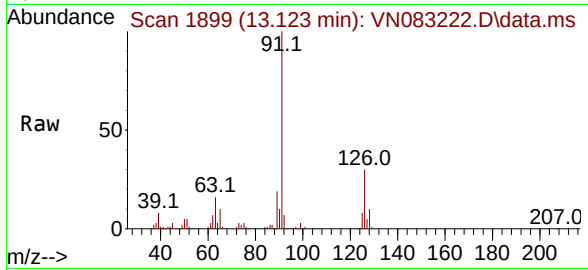
Tgt Ion: 91 Resp: 580681
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 48.406 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

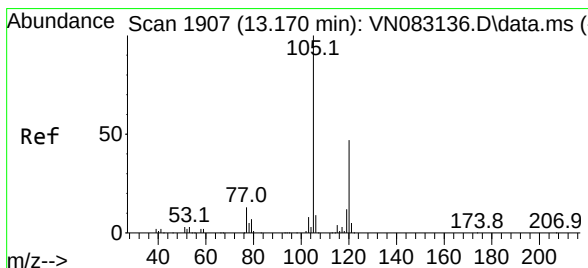
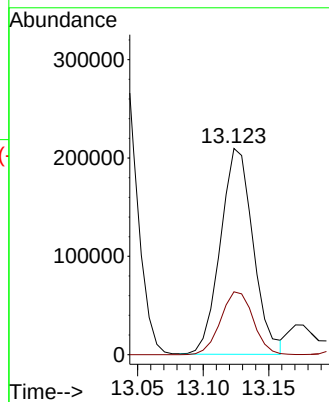
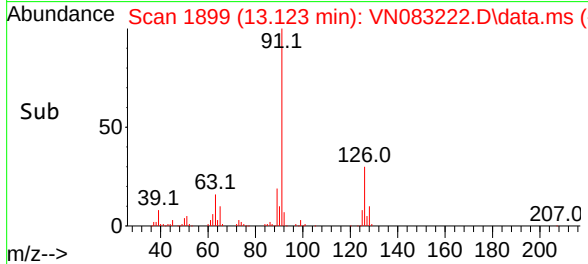
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



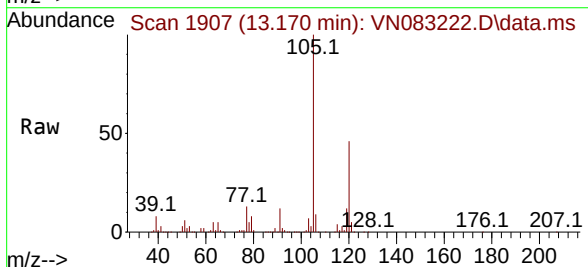
Tgt Ion: 91 Resp: 363898
Ion Ratio Lower Upper
91 100
126 30.4 16.2 48.6

Manual Integrations
APPROVED

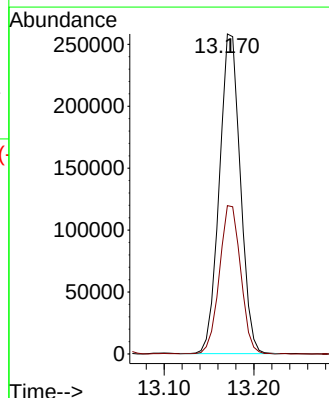
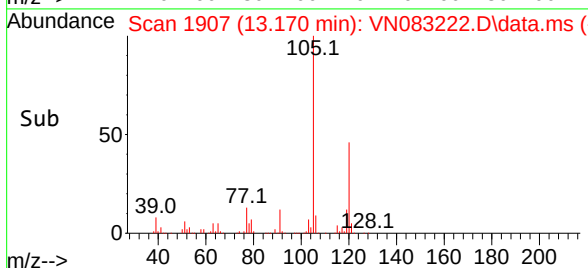
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

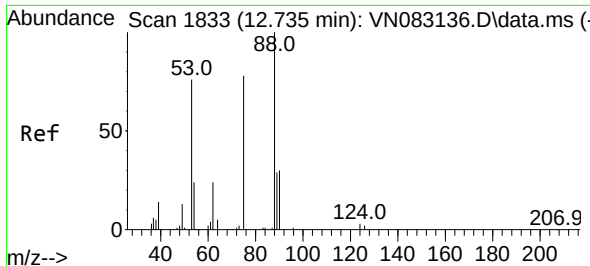


#80
1,3,5-Trimethylbenzene
Concen: 48.607 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



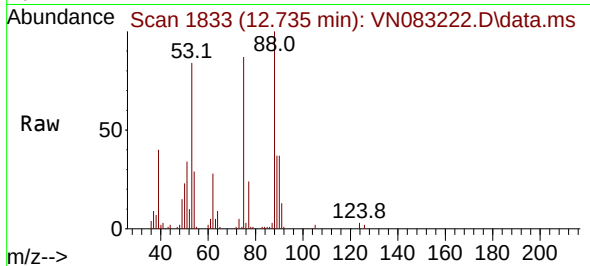
Tgt Ion:105 Resp: 419059
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 42.912 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

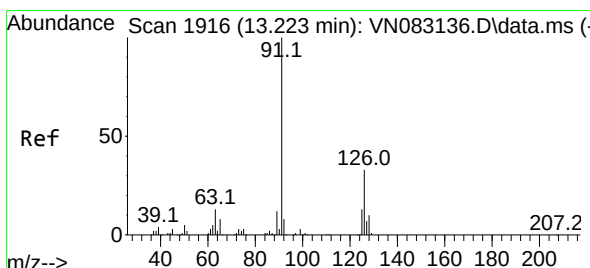
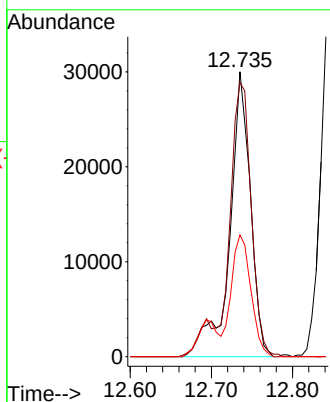
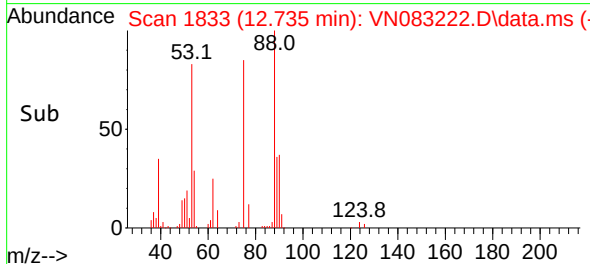
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion: 75 Resp: 5330
Ion Ratio Lower Upper
75 100
53 96.9 88.4 132.6
89 40.4 36.3 54.5

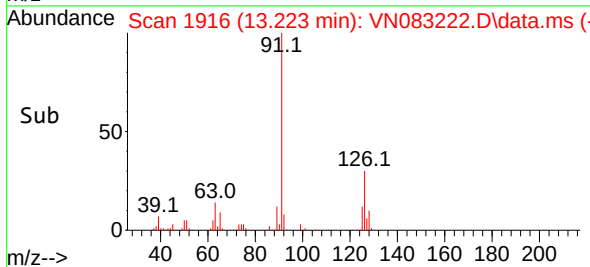
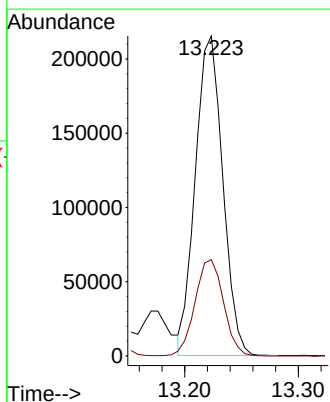
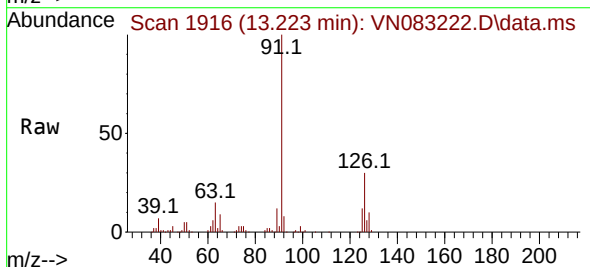
Manual Integrations
APPROVED

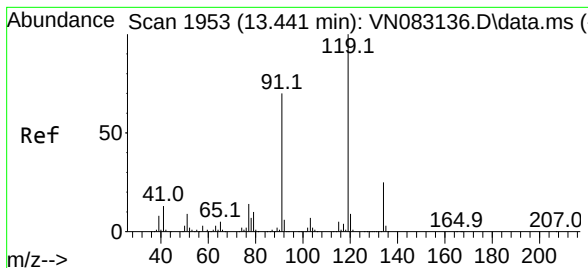
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#82
4-Chlorotoluene
Concen: 47.773 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

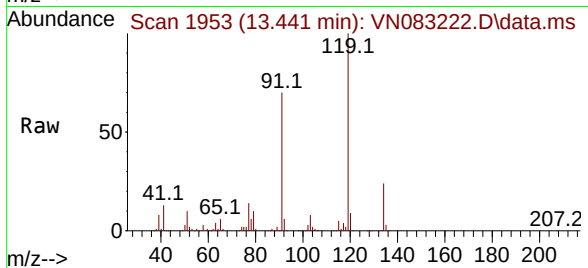
Tgt Ion: 91 Resp: 360246
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 47.390 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

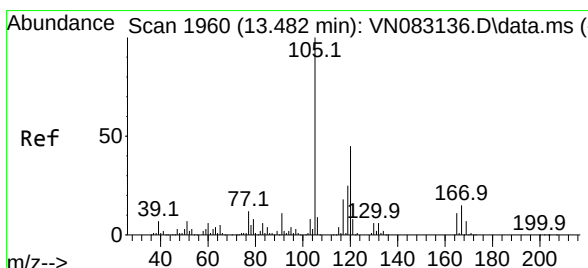
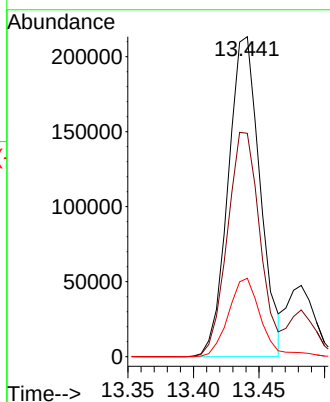
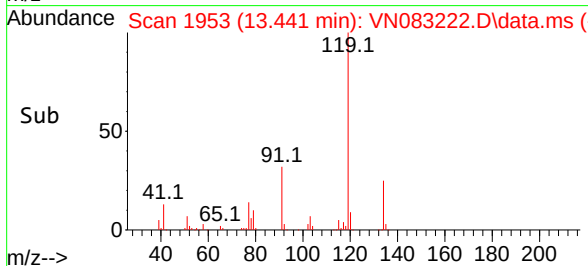
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



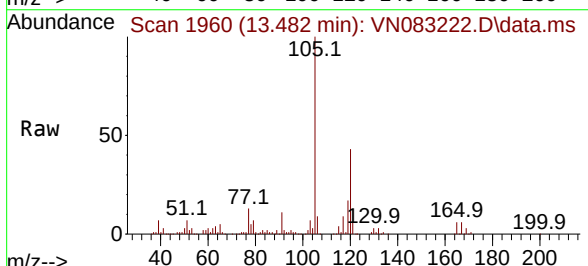
Tgt Ion:119 Resp: 36182
Ion Ratio Lower Upper
119 100
91 71.4 35.0 105.1
134 25.1 13.3 39.8

Manual Integrations
APPROVED

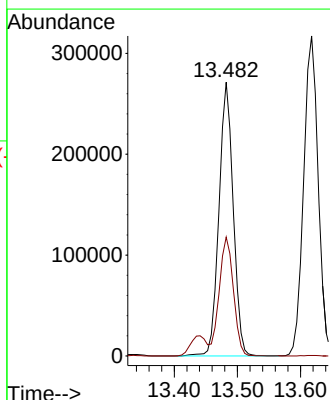
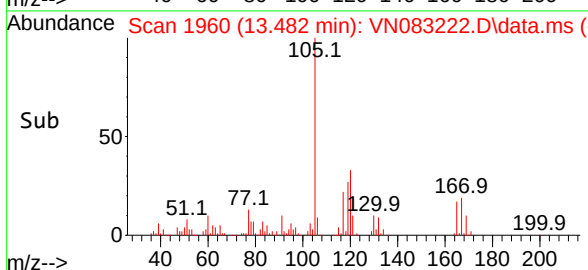
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

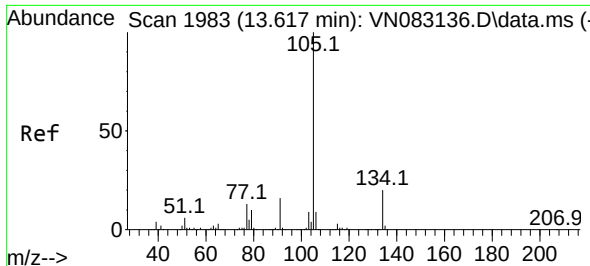


#84
1,2,4-Trimethylbenzene
Concen: 49.027 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00



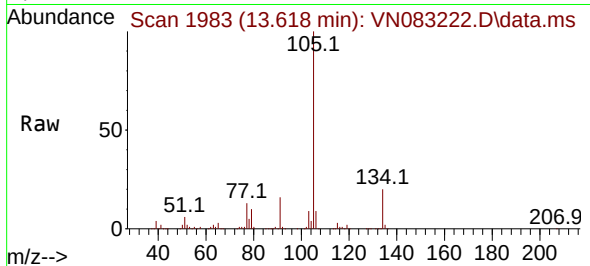
Tgt Ion:105 Resp: 425964
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 48.713 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00

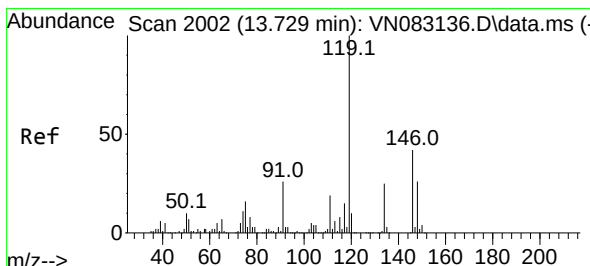
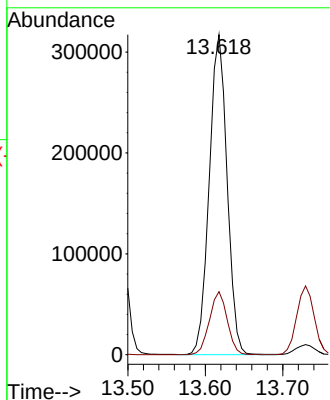
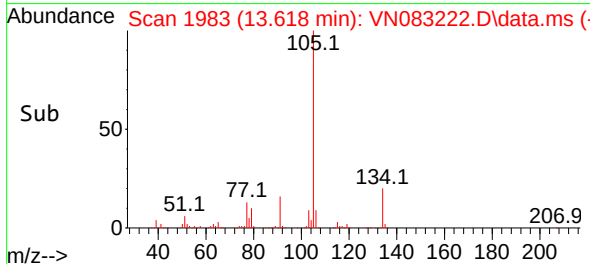
Instrument :
 MSVOA_N
 ClientSampleId :
 TS04MSD



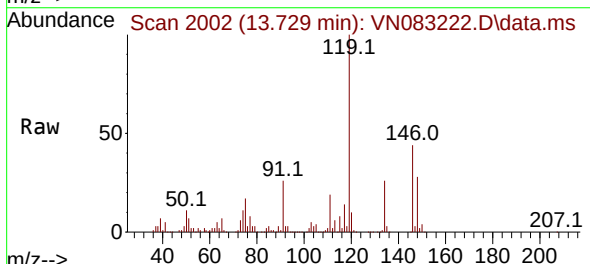
Tgt Ion:105 Resp: 507488
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

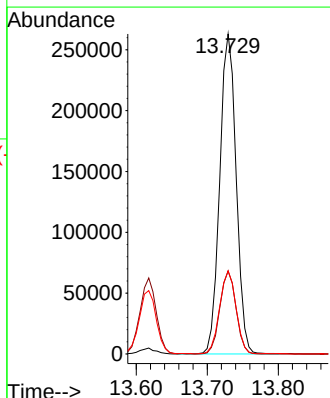
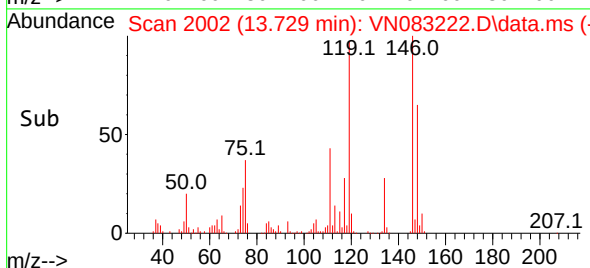
Reviewed By :John Carlone 08/12/2024
 Supervised By :Mahesh Dadoda 08/12/2024

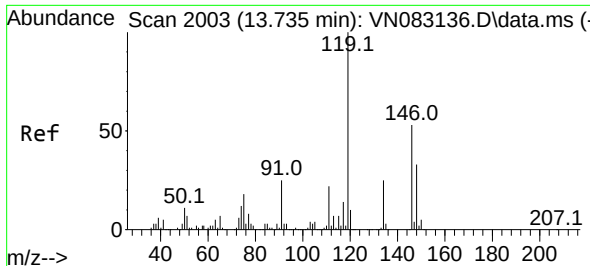


#86
 p-Isopropyltoluene
 Concen: 48.979 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00



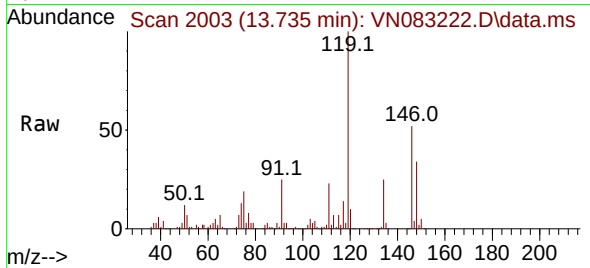
Tgt Ion:119 Resp: 421315
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 25.9 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 47.777 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00

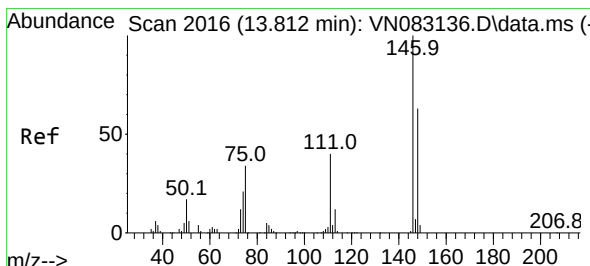
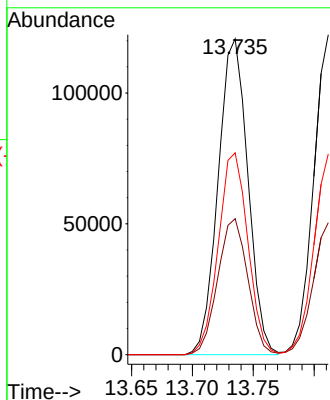
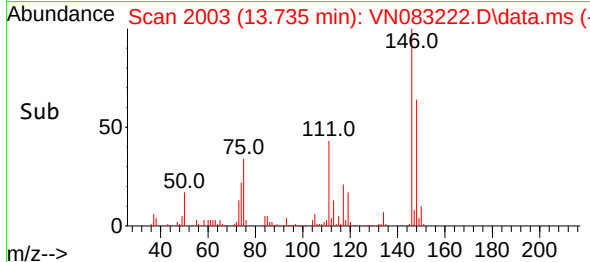
Instrument :
 MSVOA_N
 ClientSampleId :
 TS04MSD



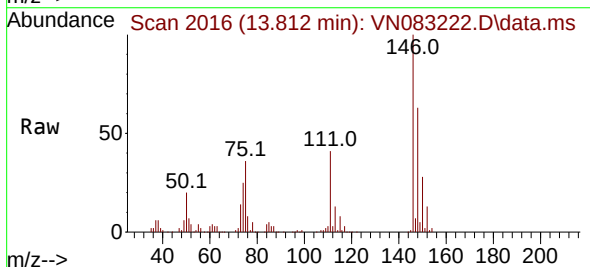
Tgt Ion:146 Resp: 205650
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.6 61.9
 148 63.6 31.8 95.3

Manual Integrations
 APPROVED

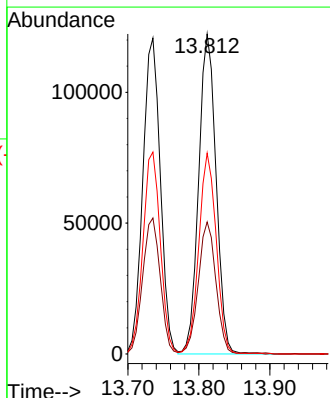
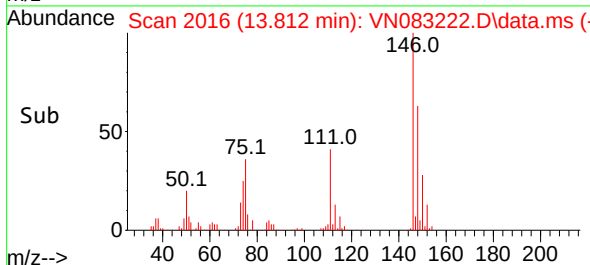
Reviewed By :John Carlone 08/12/2024
 Supervised By :Mahesh Dadoda 08/12/2024

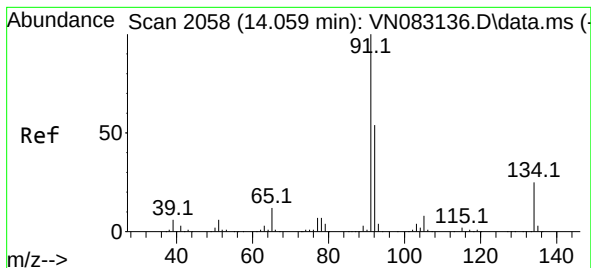


#88
 1,4-Dichlorobenzene
 Concen: 48.199 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083222.D
 Acq: 10 Aug 2024 21:00



Tgt Ion:146 Resp: 209156
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.1 60.3
 148 62.3 32.2 96.6





#89

n-Butylbenzene

Concen: 48.860 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

Tgt Ion: 91 Resp: 364178

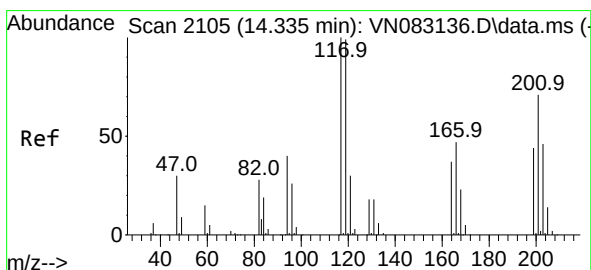
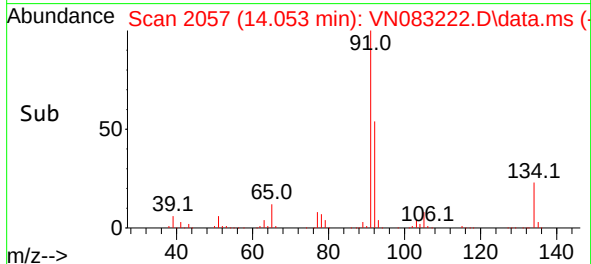
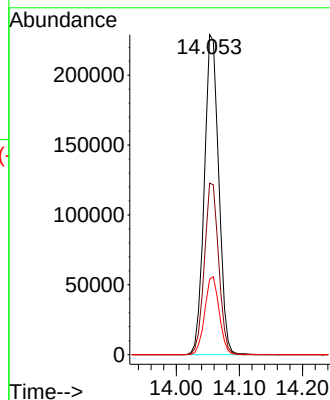
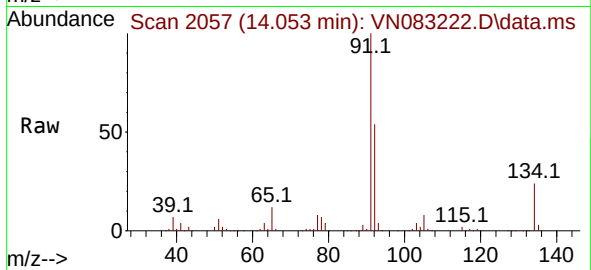
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.1	78.3
134	24.5	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#90

Hexachloroethane

Concen: 46.839 ug/l

RT: 14.335 min Scan# 2105

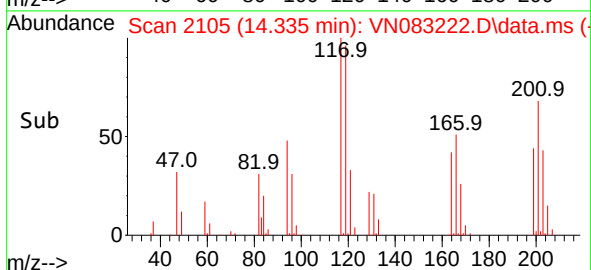
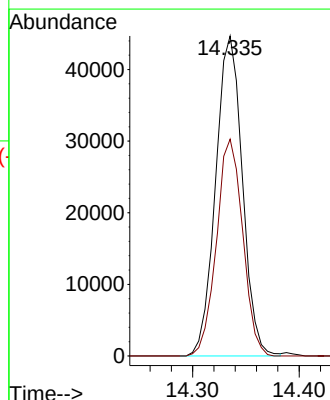
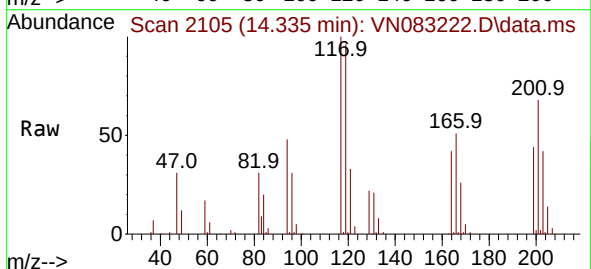
Delta R.T. 0.000 min

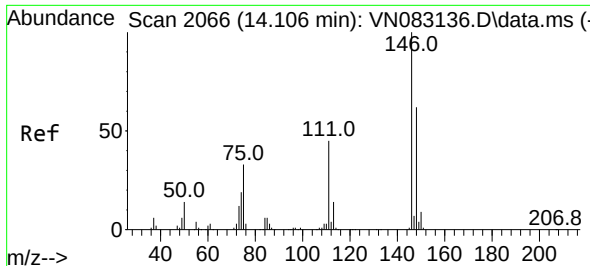
Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Tgt Ion:117 Resp: 77840

Ion	Ratio	Lower	Upper
117	100		
201	66.5	35.8	107.3





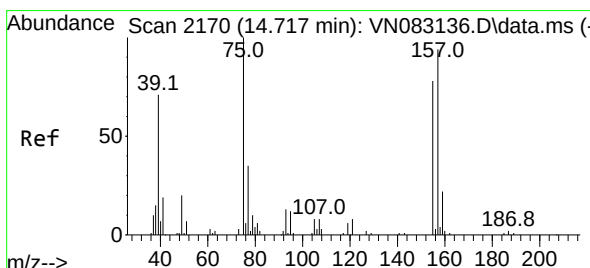
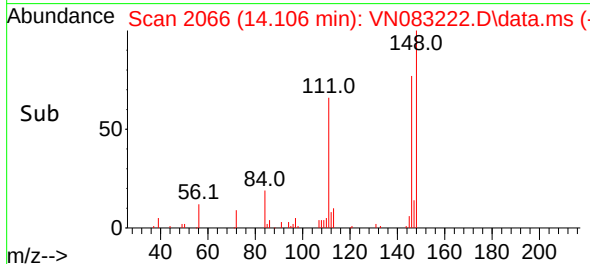
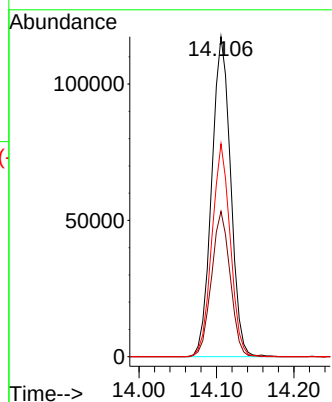
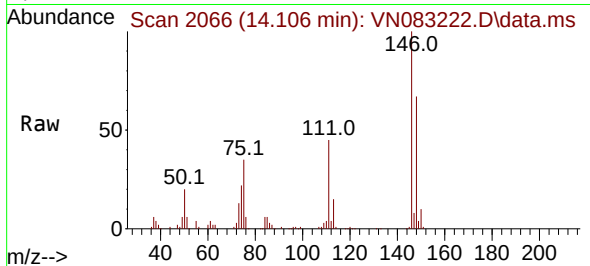
#91
1,2-Dichlorobenzene
Concen: 47.798 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

Instrument :
MSVOA_N
ClientSampleId :
TS04MSD

Tgt Ion:146 Resp: 199094
Ion Ratio Lower Upper
146 100
111 44.8 21.4 64.2
148 64.4 32.1 96.5

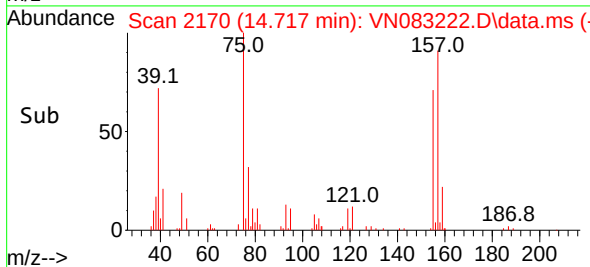
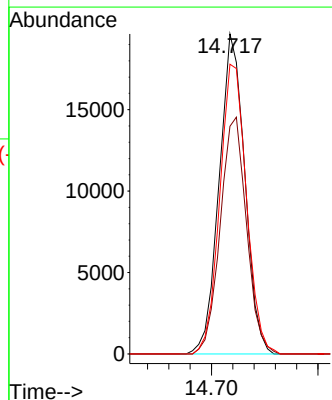
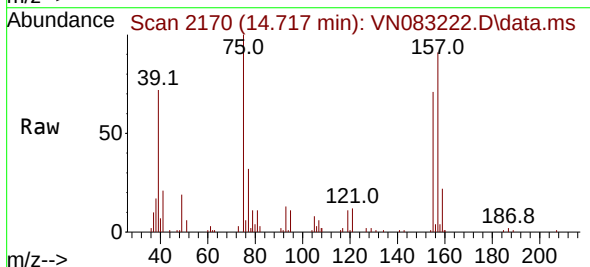
Manual Integrations
APPROVED

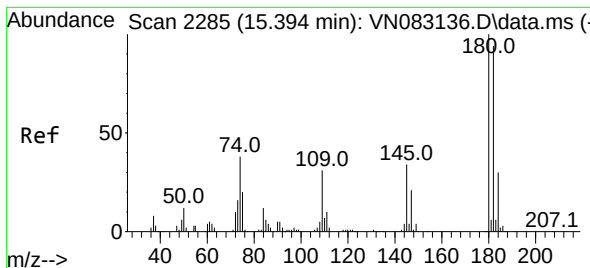
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.326 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

Tgt Ion: 75 Resp: 32741
Ion Ratio Lower Upper
75 100
155 76.0 36.6 109.8
157 94.0 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 47.218 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

TS04MSD

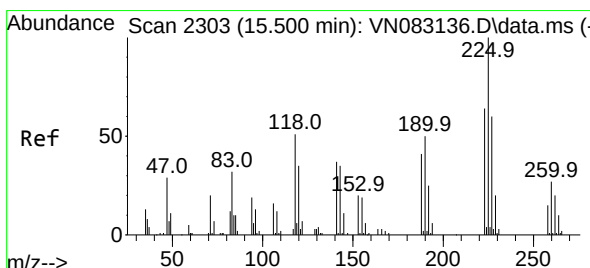
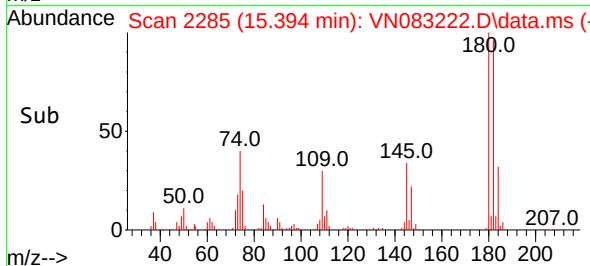
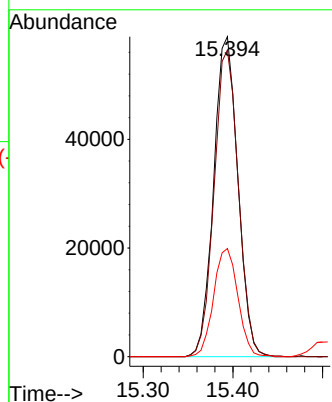
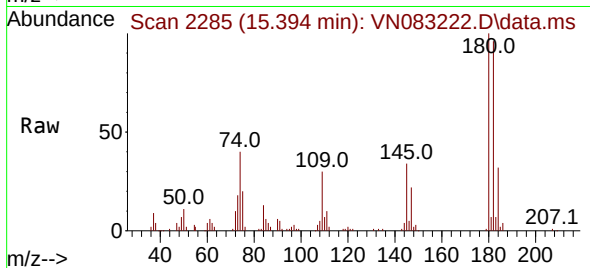
Tgt Ion:180	Resp:	110184
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.3 141.8
145	34.0	15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#94

Hexachlorobutadiene

Concen: 43.689 ug/l

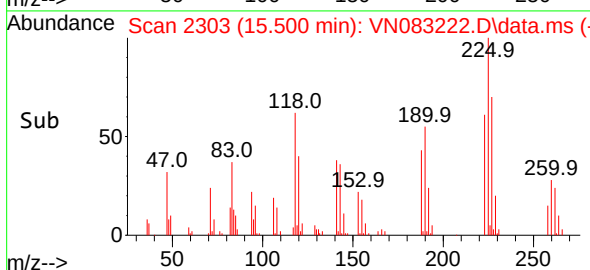
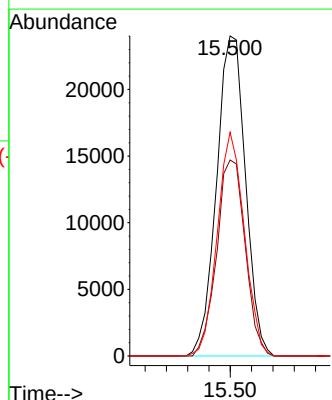
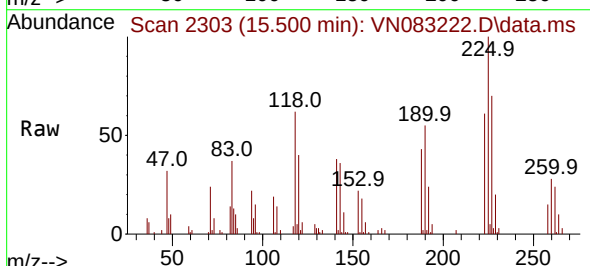
RT: 15.500 min Scan# 2303

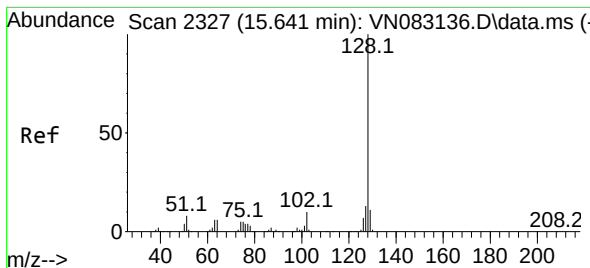
Delta R.T. 0.000 min

Lab File: VN083222.D

Acq: 10 Aug 2024 21:00

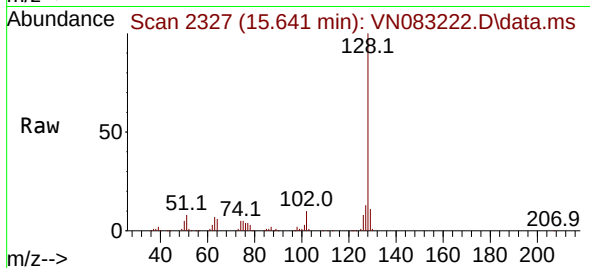
Tgt Ion:225	Resp:	45340
Ion Ratio	Lower	Upper
225	100	
223	60.3	31.9 95.7
227	65.2	32.5 97.5





#95
Naphthalene
Concen: 48.164 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

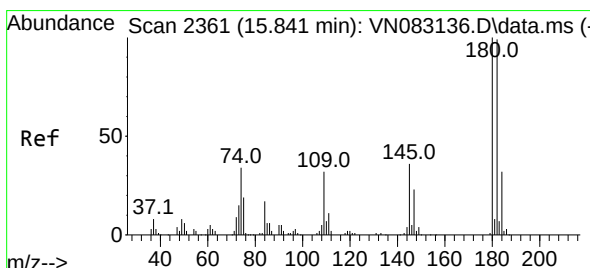
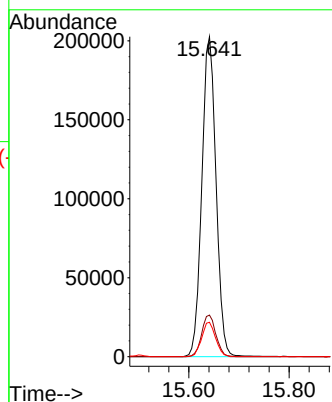
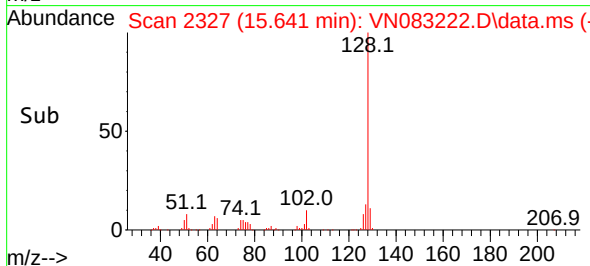
Instrument :
MSVOA_N
ClientSampleId :
TS04MSD



Tgt Ion:128 Resp: 398120
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.297 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083222.D
Acq: 10 Aug 2024 21:00

Tgt Ion:180 Resp: 109208
Ion Ratio Lower Upper
180 100
182 96.1 48.9 146.8
145 36.1 16.8 50.4

