

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083135.D
 Acq On : 07 Aug 2024 10:33
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 06:14:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 05:50:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	217317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	311531	100.713	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 201.420%#			
35) Dibromofluoromethane	8.165	113	231805	99.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.120%#			
50) Toluene-d8	10.565	98	896022	103.163	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 206.320%#			
62) 4-Bromofluorobenzene	12.847	95	352947	104.234	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 208.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	238119	96.624	ug/l	99
3) Chloromethane	2.359	50	237633	94.185	ug/l	98
4) Vinyl Chloride	2.512	62	244329	94.904	ug/l	100
5) Bromomethane	2.924	94	135920	85.085	ug/l	96
6) Chloroethane	3.100	64	147611	91.645	ug/l	99
7) Trichlorofluoromethane	3.489	101	414913	97.558	ug/l	96
8) Diethyl Ether	3.959	74	151291	95.597	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	227550	97.044	ug/l	98
10) Methyl Iodide	4.583	142	307476	99.686	ug/l	97
11) Tert butyl alcohol	5.524	59	296420	461.112	ug/l	98
12) 1,1-Dichloroethene	4.336	96	227537	94.453	ug/l	90
13) Acrolein	4.177	56	218130	520.640	ug/l	98
14) Allyl chloride	5.018	41	389580	85.577	ug/l	93
15) Acrylonitrile	5.718	53	636894	481.734	ug/l	99
16) Acetone	4.424	43	656348	542.264	ug/l	95
17) Carbon Disulfide	4.712	76	637255	90.406	ug/l	99
18) Methyl Acetate	5.024	43	329457	91.357	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	837562	96.324	ug/l	99
20) Methylene Chloride	5.277	84	247283	88.771	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	231530	92.991	ug/l	95
22) Diisopropyl ether	6.671	45	829706	96.959	ug/l	96
23) Vinyl Acetate	6.600	43	4324915	493.177	ug/l	95
24) 1,1-Dichloroethane	6.571	63	451253	96.746	ug/l	99
25) 2-Butanone	7.482	43	908992	489.098	ug/l	91
26) 2,2-Dichloropropane	7.488	77	433489	100.075	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	286100	95.225	ug/l	93
28) Bromochloromethane	7.812	49	185533	97.333	ug/l	85
29) Tetrahydrofuran	7.841	42	587324	488.865	ug/l	88
30) Chloroform	7.965	83	472257	97.456	ug/l	99
31) Cyclohexane	8.259	56	405666	88.496	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	446446	97.332	ug/l	95
36) 1,1-Dichloropropene	8.371	75	340980	96.808	ug/l	98
37) Ethyl Acetate	7.559	43	357308	90.602	ug/l #	93
38) Carbon Tetrachloride	8.359	117	391148	98.597	ug/l	96
39) Methylcyclohexane	9.600	83	421743	97.486	ug/l	97
40) Benzene	8.606	78	1034059	98.550	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	205844	91.799	ug/l	95
42) 1,2-Dichloroethane	8.671	62	368412	96.385	ug/l	97
43) Isopropyl Acetate	8.688	43	648582	99.962	ug/l #	93
44) Trichloroethene	9.353	130	246689	98.774	ug/l	93
45) 1,2-Dichloropropane	9.624	63	247262	99.275	ug/l	98
46) Dibromomethane	9.712	93	177294	99.449	ug/l	98
47) Bromodichloromethane	9.888	83	389020	97.184	ug/l	100
48) Methyl methacrylate	9.682	41	309367	94.886	ug/l	91
49) 1,4-Dioxane	9.694	88	117342	1994.879	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1846346	495.091	ug/l	92
52) Toluene	10.629	92	665274	100.347	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	424825	103.317	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	436928	99.903	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	240237	101.114	ug/l	96
56) Ethyl methacrylate	10.876	69	448632	100.164	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	418505	98.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	984478	519.987	ug/l	96
59) 2-Hexanone	11.194	43	1447307	501.642	ug/l	92
60) Dibromochloromethane	11.359	129	298498	103.914	ug/l	98
61) 1,2-Dibromoethane	11.470	107	249072	99.794	ug/l	96
64) Tetrachloroethene	11.106	164	210334	96.284	ug/l	96
65) Chlorobenzene	11.894	112	705635	96.805	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	250772	97.546	ug/l	99
67) Ethyl Benzene	11.965	91	1297632	97.041	ug/l	99
68) m/p-Xylenes	12.070	106	984984	196.641	ug/l	99
69) o-Xylene	12.400	106	484673	98.107	ug/l	97
70) Styrene	12.412	104	831903	100.261	ug/l	99
71) Bromoform	12.576	173	204380	104.942	ug/l #	99
73) Isopropylbenzene	12.694	105	1244845	91.399	ug/l	100
74) N-amyl acetate	12.494	43	594797	89.282	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	353346	91.727	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	320302m	89.478	ug/l	
77) Bromobenzene	12.982	156	282676	93.431	ug/l	96
78) n-propylbenzene	13.035	91	1473868	93.979	ug/l	99
79) 2-Chlorotoluene	13.123	91	912618	91.785	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	1056912	92.690	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	165326	100.628	ug/l	89
82) 4-Chlorotoluene	13.223	91	911384	91.381	ug/l	98
83) tert-Butylbenzene	13.441	119	928195	91.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1076449	93.675	ug/l	99
85) sec-Butylbenzene	13.617	105	1294900	93.978	ug/l	100
86) p-Isopropyltoluene	13.729	119	1092439	96.022	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	535193	94.009	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	538924	93.900	ug/l	99
89) n-Butylbenzene	14.059	91	980482	99.461	ug/l	98
90) Hexachloroethane	14.335	117	211710	96.320	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	511584	92.863	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	83930	89.788	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	297699	96.456	ug/l	99
94) Hexachlorobutadiene	15.500	225	119783	87.268	ug/l	98
95) Naphthalene	15.641	128	1042864	95.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	285769	93.575	ug/l	97

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ClientSampleId :
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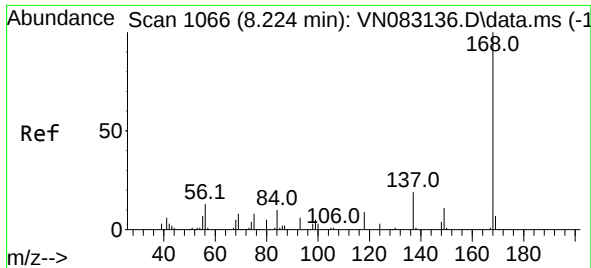
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

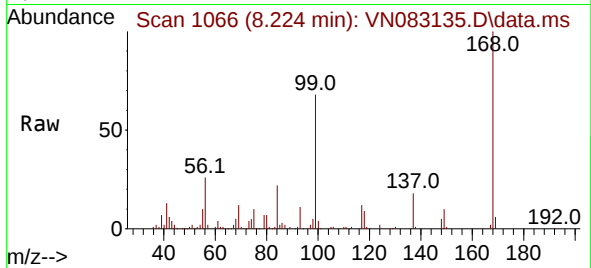
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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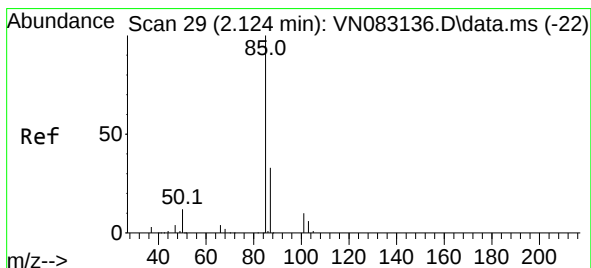
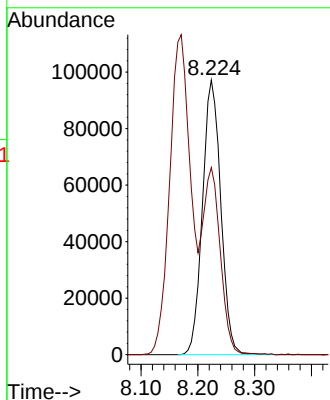
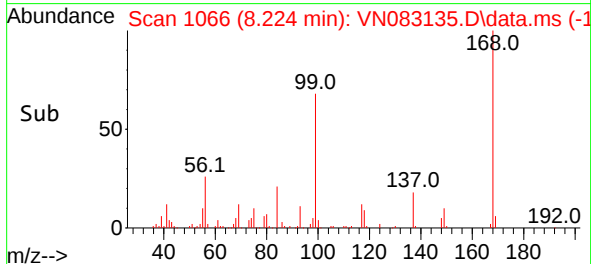
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 21731
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4

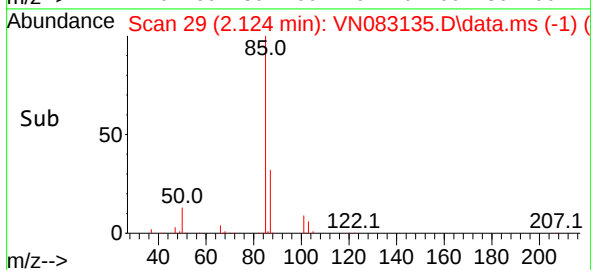
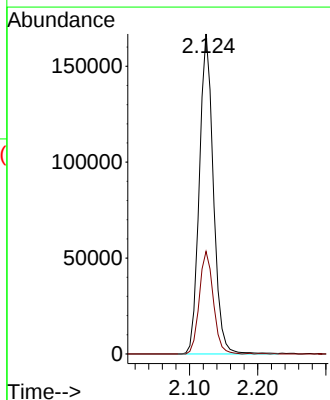
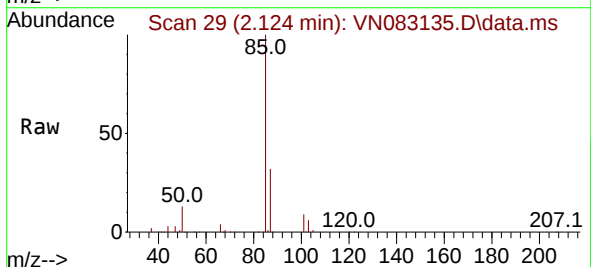
Manual Integrations
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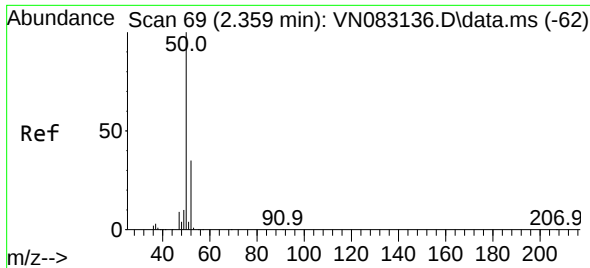
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#2
Dichlorodifluoromethane
Concen: 96.624 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

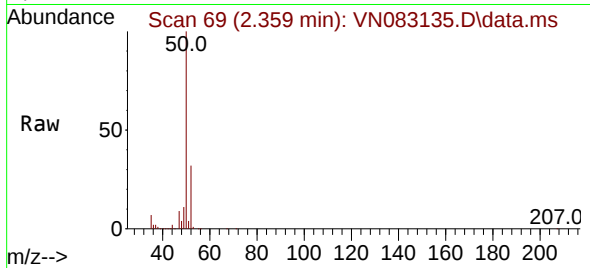
Tgt Ion: 85 Resp: 238119
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 94.185 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

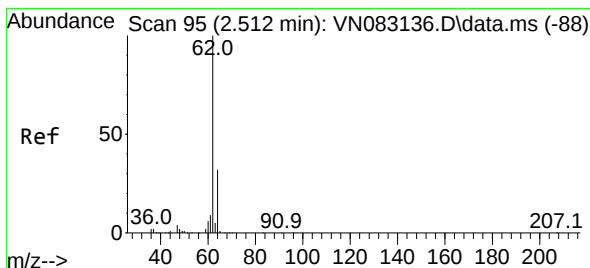
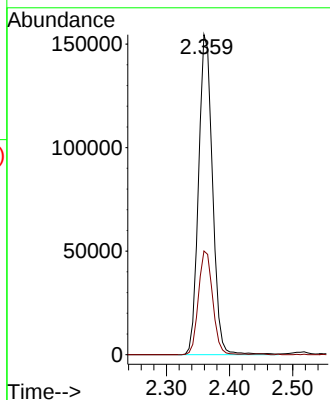
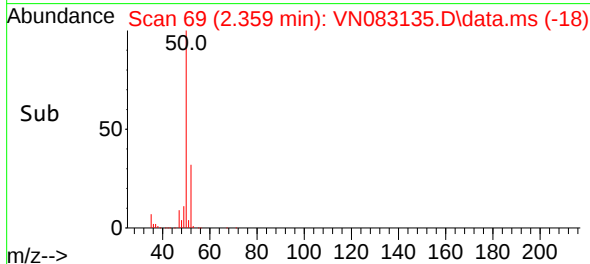
Instrument :
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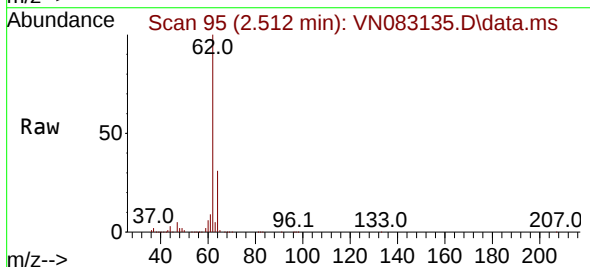
Tgt Ion: 50 Resp: 23763
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4

Manual Integrations
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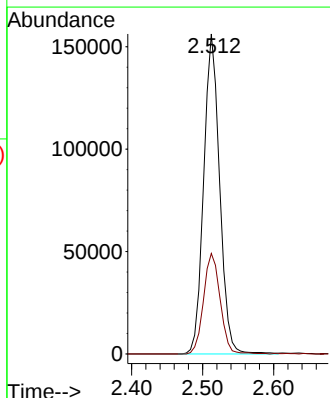
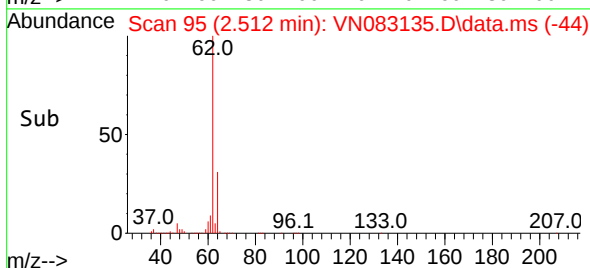
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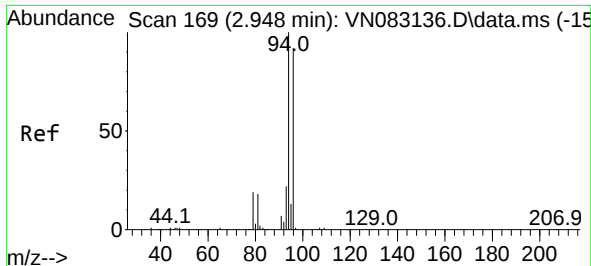


#4
Vinyl Chloride
Concen: 94.904 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



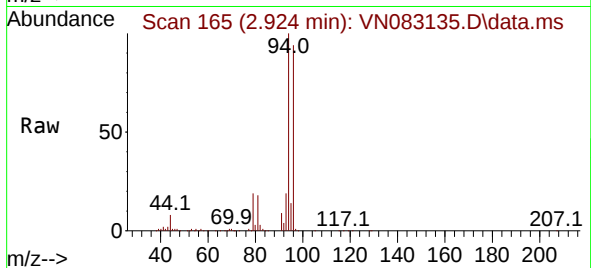
Tgt Ion: 62 Resp: 244329
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6





#5
Bromomethane
Concen: 85.085 ug/l
RT: 2.924 min Scan# 10
Delta R.T. -0.024 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

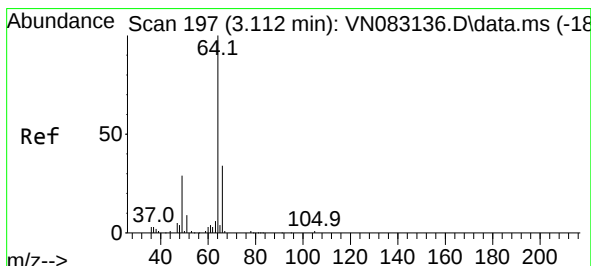
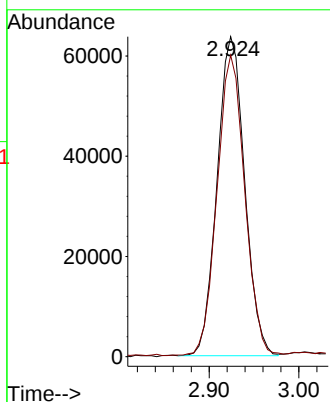
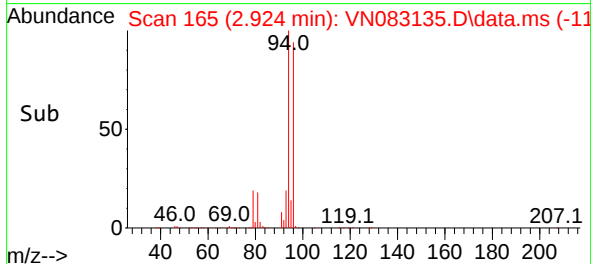
Instrument :
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Tgt Ion: 94 Resp: 135920
Ion Ratio Lower Upper
94 100
96 94.0 78.0 117.0

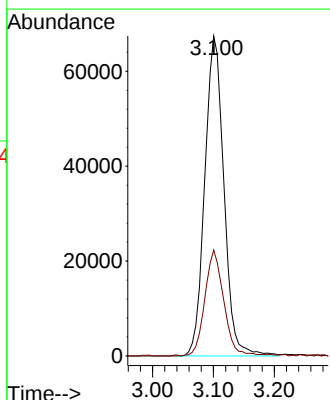
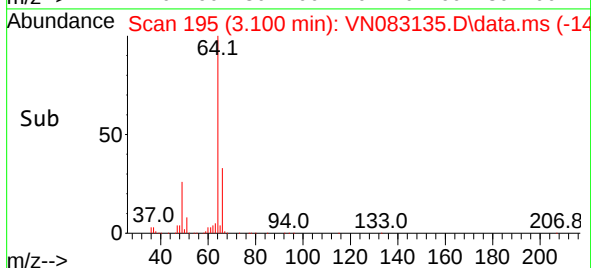
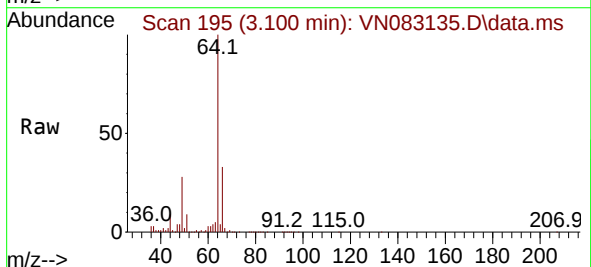
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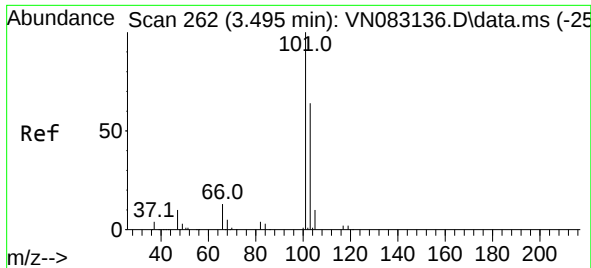
Reviewed By :John Carlone 08/08/2024
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#6
Chloroethane
Concen: 91.645 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 147611
Ion Ratio Lower Upper
64 100
66 32.9 26.6 40.0





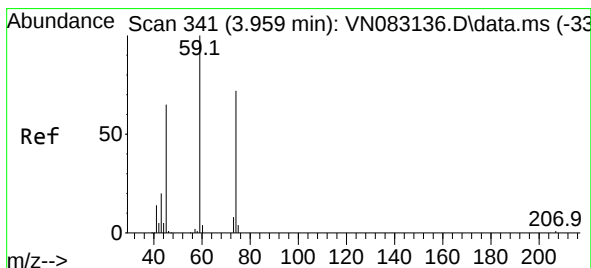
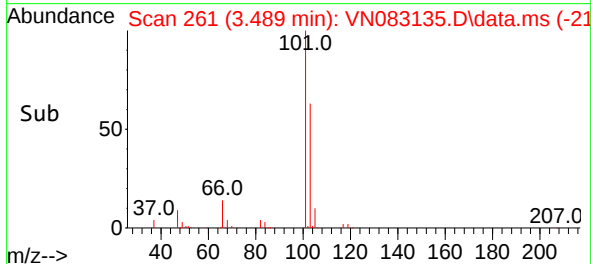
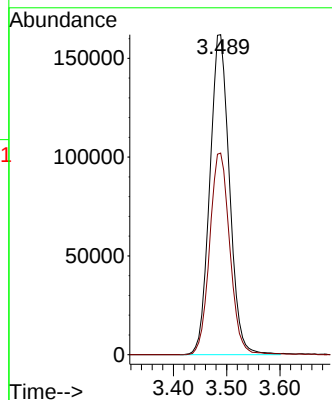
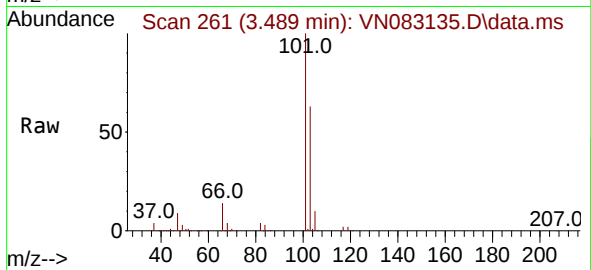
#7
Trichlorofluoromethane
Concen: 97.558 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 41491
Ion Ratio Lower Upper
101 100
103 63.0 52.7 79.1

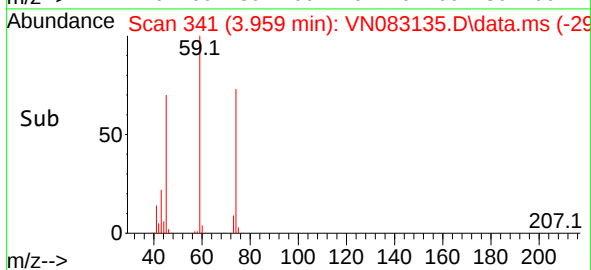
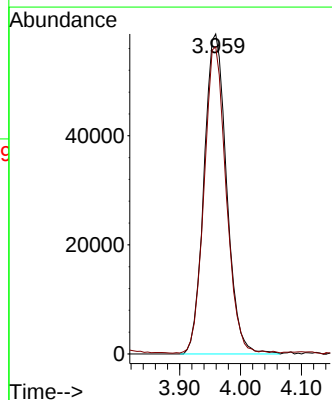
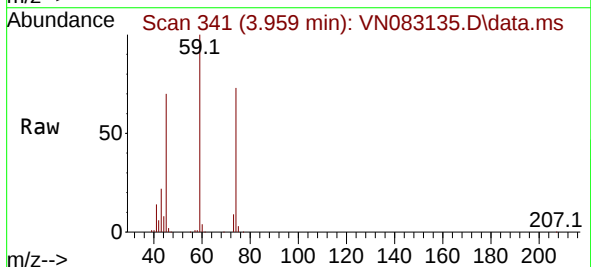
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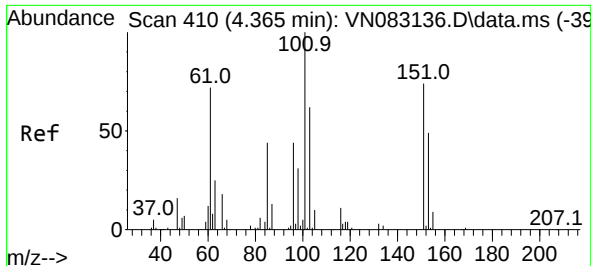
Reviewed By :John Carlone 08/08/2024
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#8
Diethyl Ether
Concen: 95.597 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN083135.D
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Tgt Ion: 74 Resp: 151291
Ion Ratio Lower Upper
74 100
45 93.4 55.5 166.3





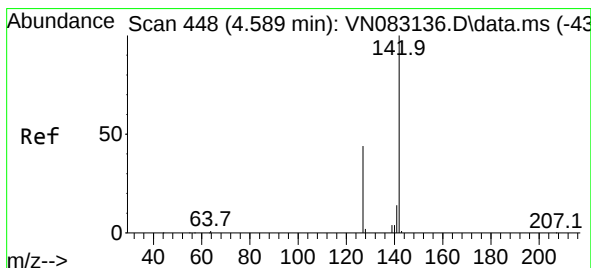
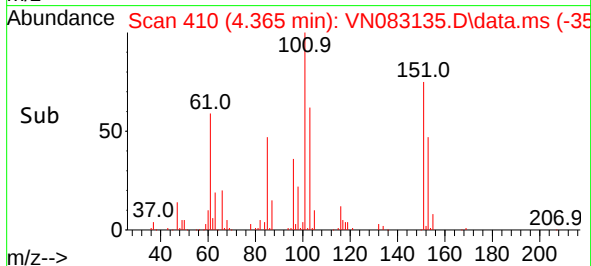
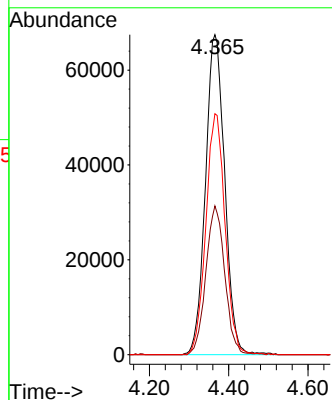
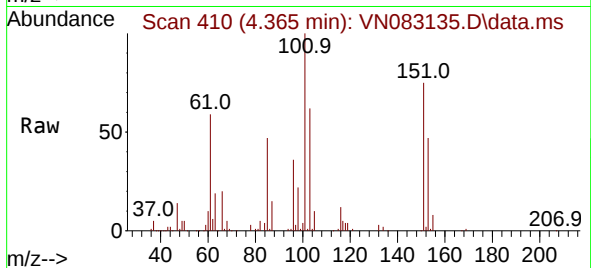
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.044 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 227550
Ion Ratio Lower Upper
101 100
85 45.6 38.3 57.5
151 75.2 59.3 88.9

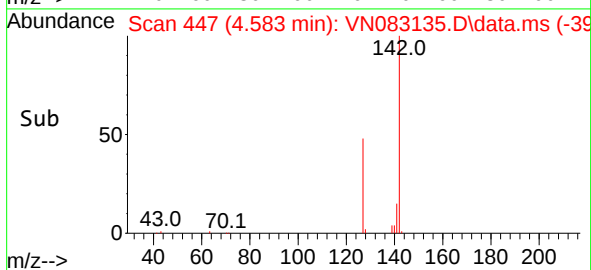
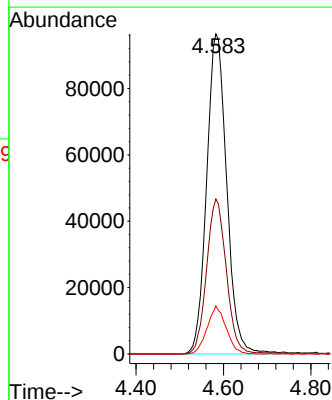
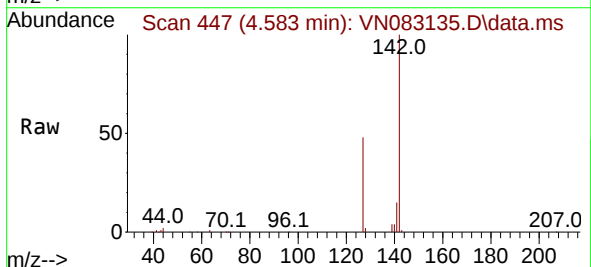
Manual Integrations
APPROVED

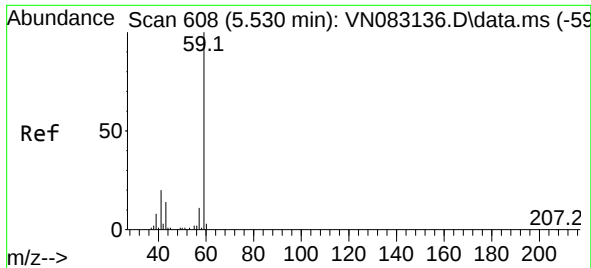
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#10
Methyl Iodide
Concen: 99.686 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Tgt Ion:142 Resp: 307476
Ion Ratio Lower Upper
142 100
127 48.4 37.5 56.3
141 15.0 13.1 19.7





#11

Tert butyl alcohol

Concen: 461.112 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 296420

Ion Ratio Lower Upper

59 100

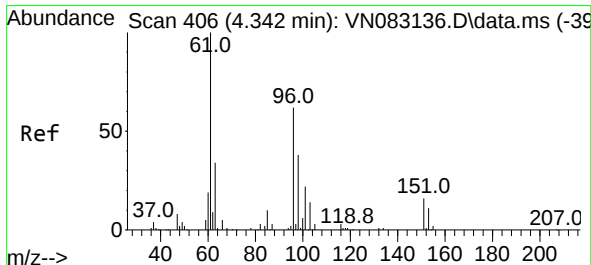
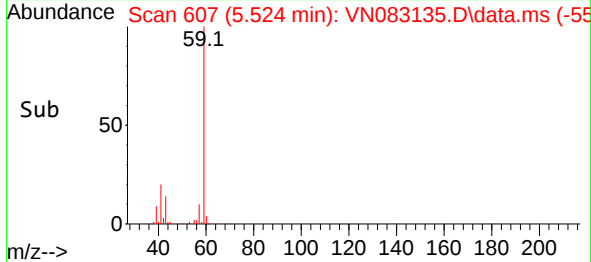
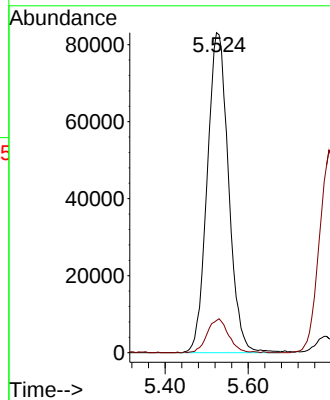
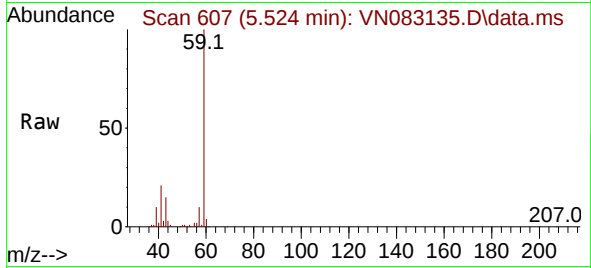
57 10.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#12

1,1-Dichloroethene

Concen: 94.453 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

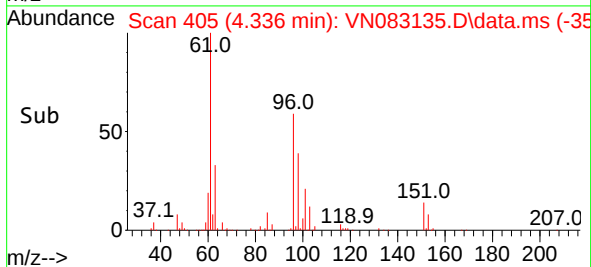
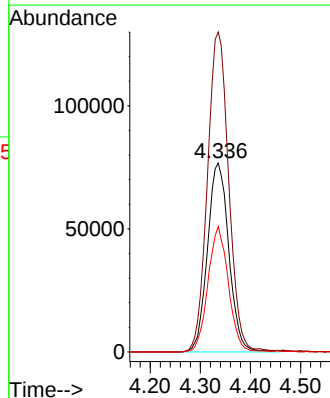
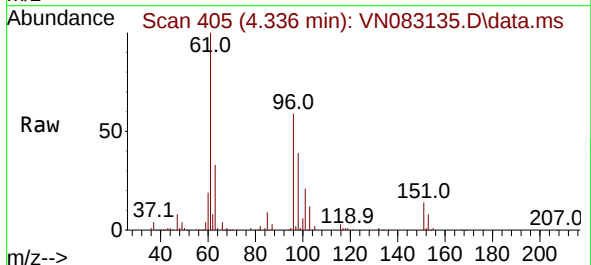
Tgt Ion: 96 Resp: 227537

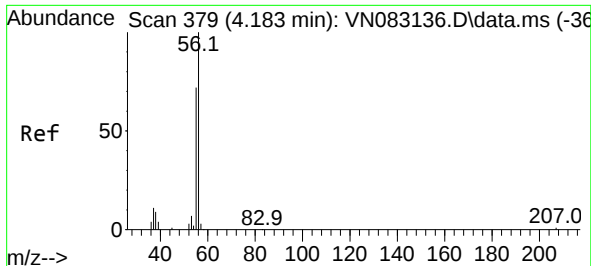
Ion Ratio Lower Upper

96 100

61 169.4 149.7 224.5

98 66.5 50.1 75.1





#13

Acrolein

Concen: 520.640 ug/l

RT: 4.177 min Scan# 379

Delta R.T. -0.006 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 218130

Ion Ratio Lower Upper

56 100

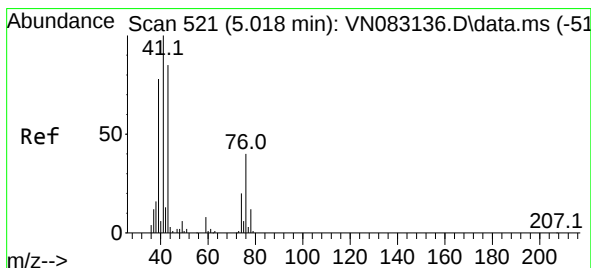
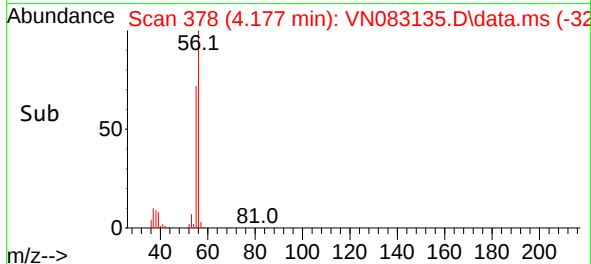
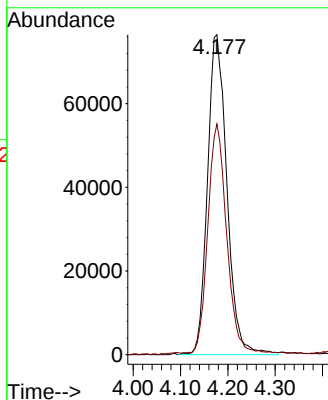
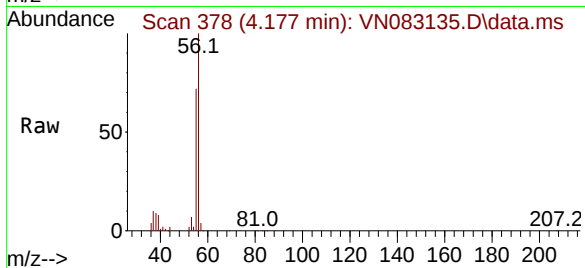
55 68.5 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#14

Allyl chloride

Concen: 85.577 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

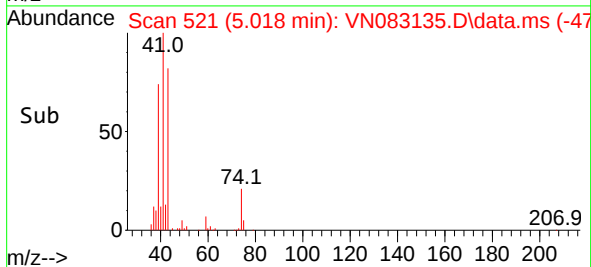
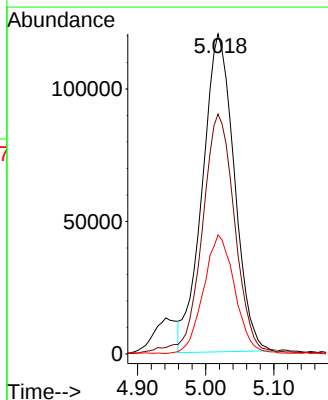
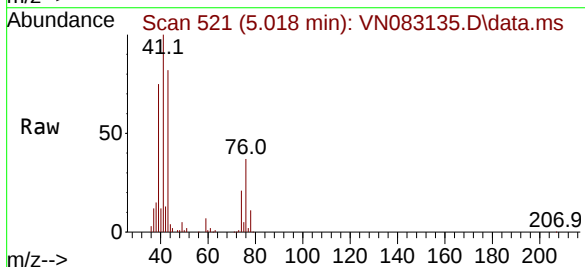
Tgt Ion: 41 Resp: 389580

Ion Ratio Lower Upper

41 100

39 78.4 67.8 101.6

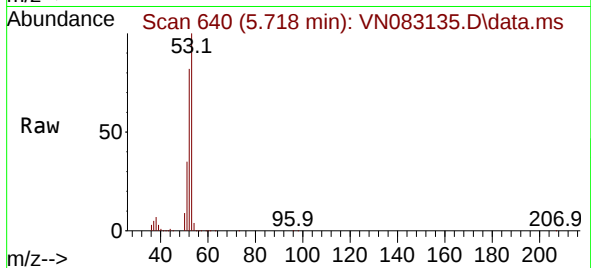
76 36.6 25.8 38.8





#15
Acrylonitrile
Concen: 481.734 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

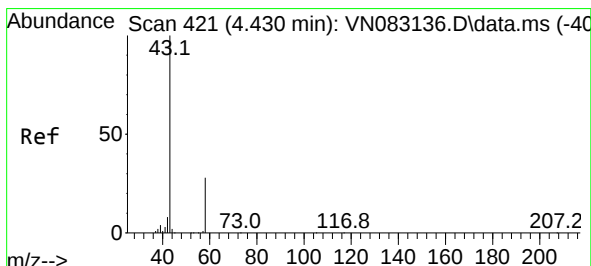
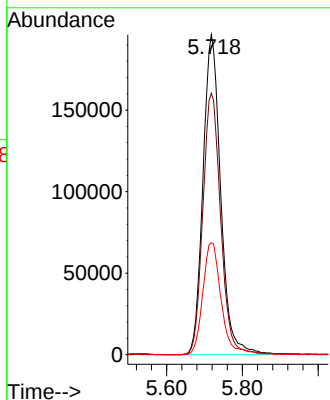
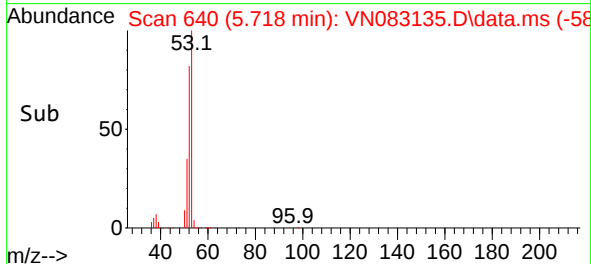
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



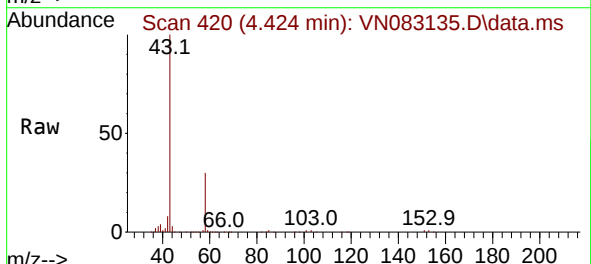
Tgt Ion: 53 Resp: 636894
Ion Ratio Lower Upper
53 100
52 82.5 66.6 100.0
51 36.4 30.1 45.1

Manual Integrations
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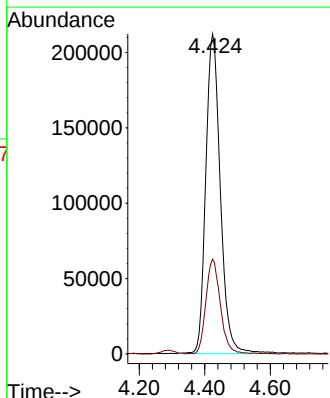
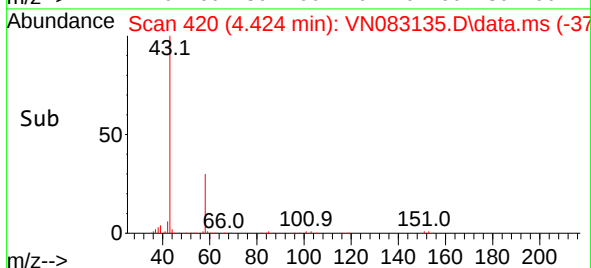
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

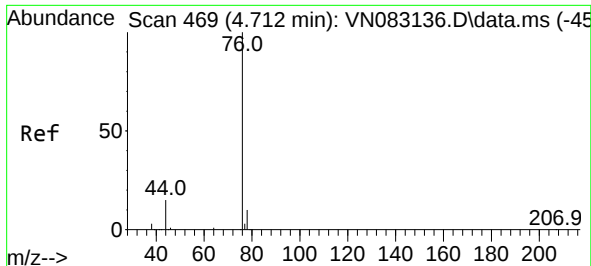


#16
Acetone
Concen: 542.264 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



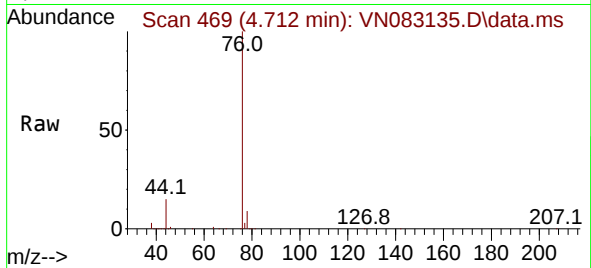
Tgt Ion: 43 Resp: 656348
Ion Ratio Lower Upper
43 100
58 29.7 21.8 32.6





#17
Carbon Disulfide
Concen: 90.406 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

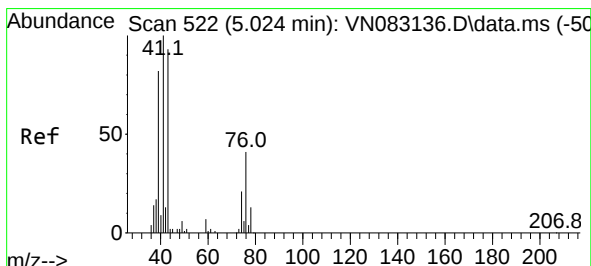
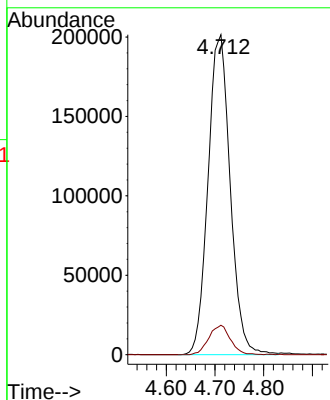
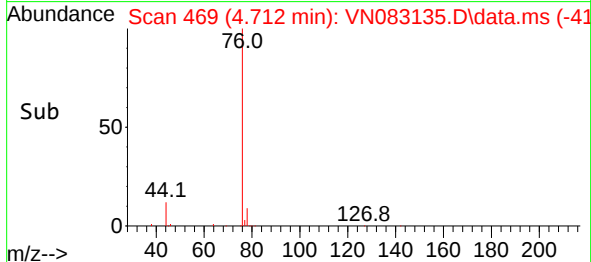
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



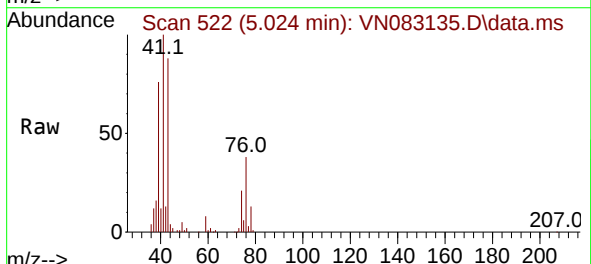
Tgt Ion: 76 Resp: 63725
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

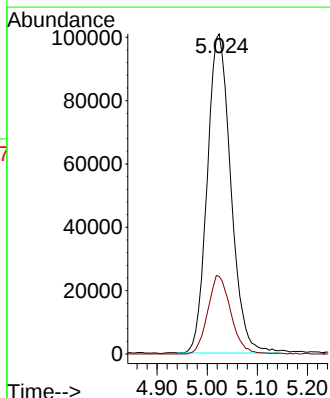
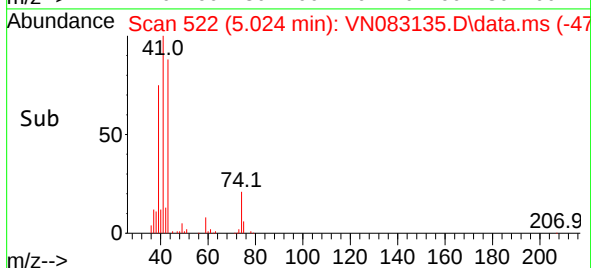
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

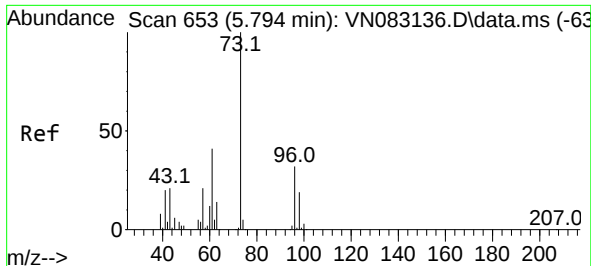


#18
Methyl Acetate
Concen: 91.357 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



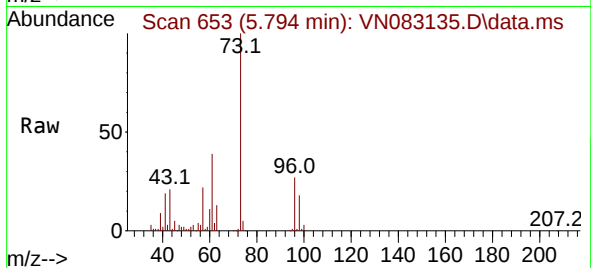
Tgt Ion: 43 Resp: 329457
Ion Ratio Lower Upper
43 100
74 24.0 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 96.324 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

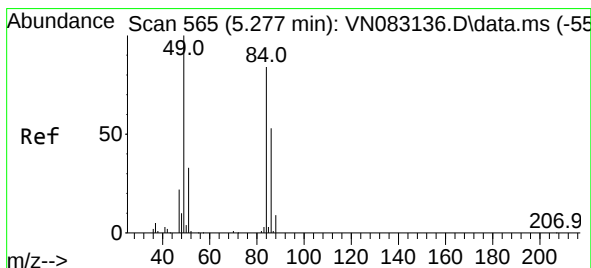
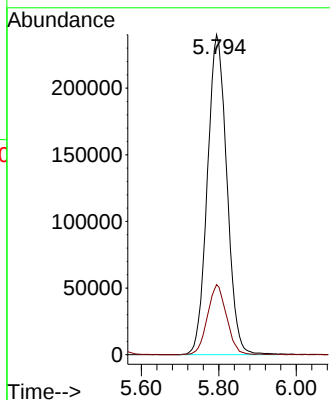
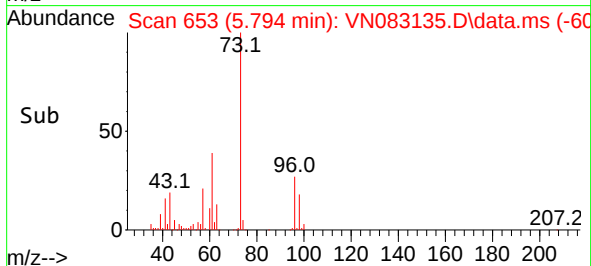
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



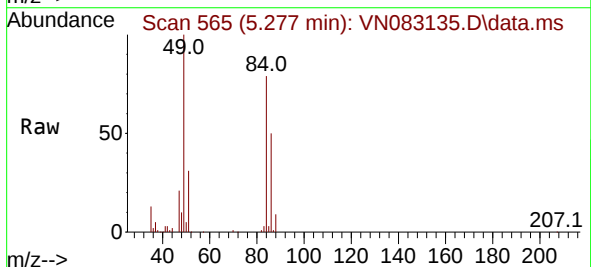
Tgt Ion: 73 Resp: 837562
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

Manual Integrations
APPROVED

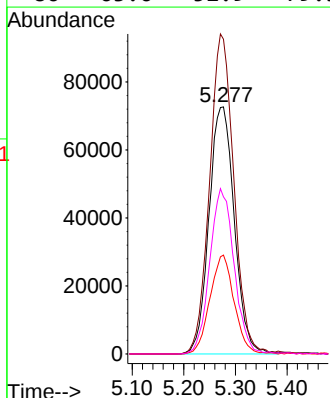
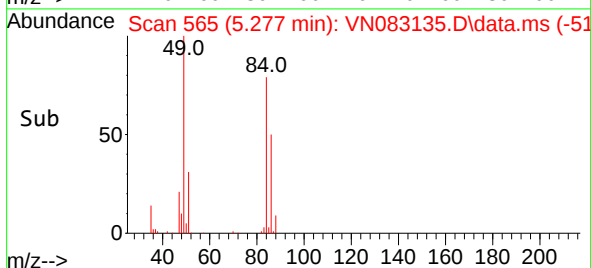
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

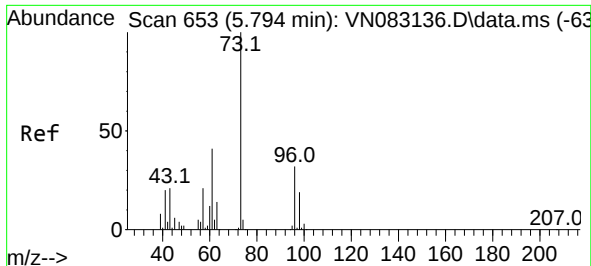


#20
Methylene Chloride
Concen: 88.771 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



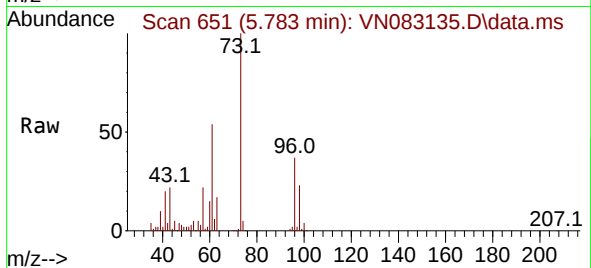
Tgt Ion: 84 Resp: 247283
Ion Ratio Lower Upper
84 100
49 127.4 119.6 179.4
51 40.0 34.8 52.2
86 63.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 92.991 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

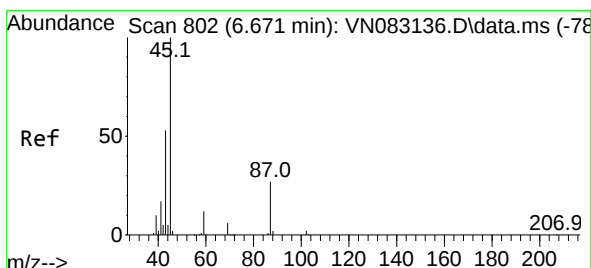
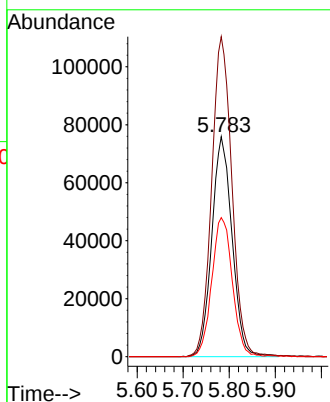
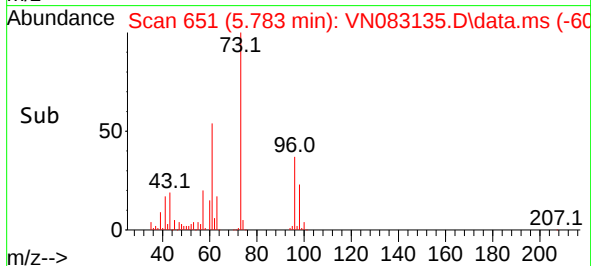
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 231530
Ion Ratio Lower Upper
96 100
61 145.4 123.4 185.2
98 63.2 49.3 73.9

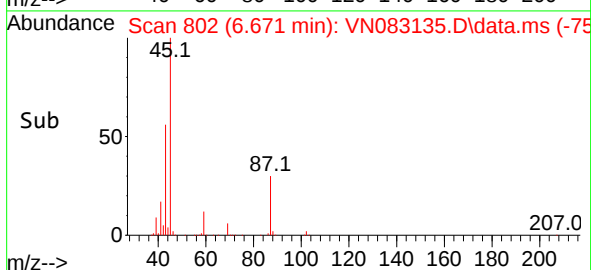
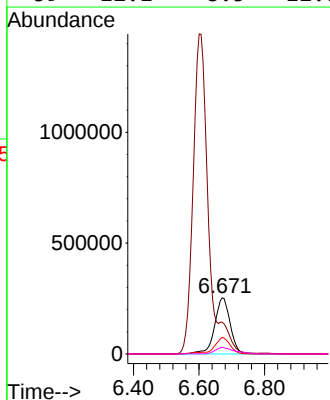
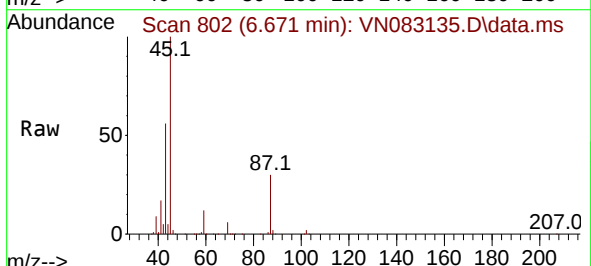
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#22
Diisopropyl ether
Concen: 96.959 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Tgt Ion: 45 Resp: 829706
Ion Ratio Lower Upper
45 100
43 55.8 44.0 66.0
87 29.5 19.7 29.5
59 12.1 8.5 12.7





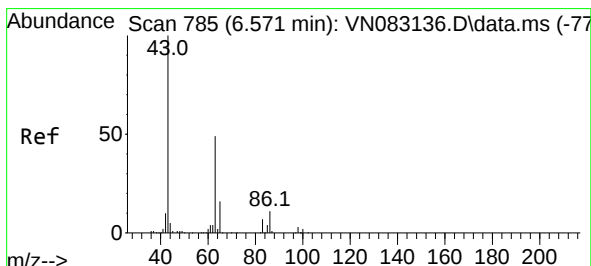
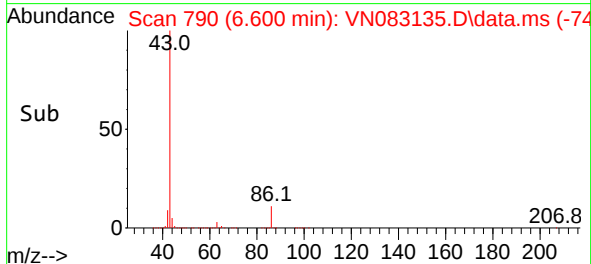
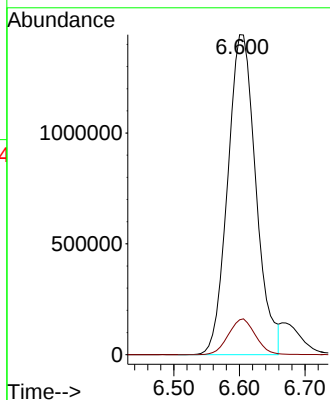
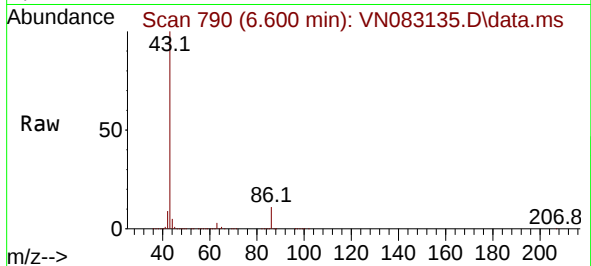
#23
 Vinyl Acetate
 Concen: 493.177 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 432491
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.3 10.9

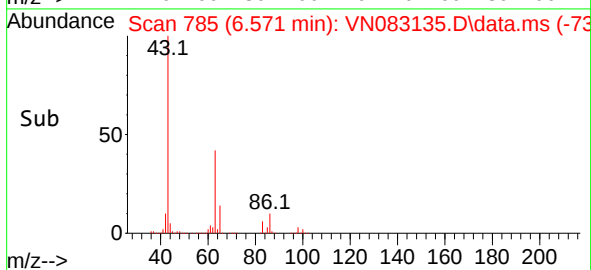
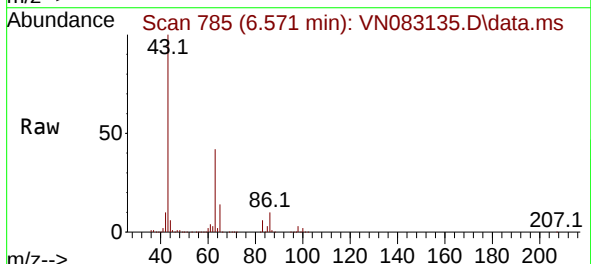
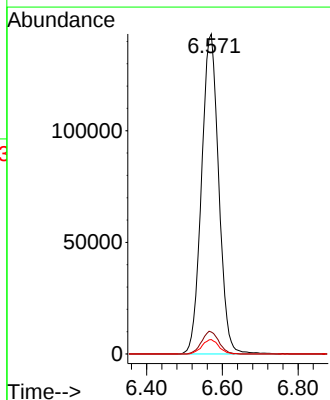
Manual Integrations
 APPROVED

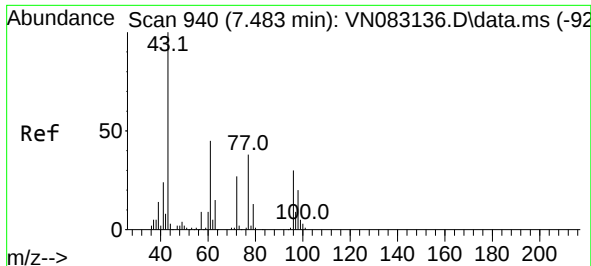
Reviewed By :John Carlone 08/08/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#24
 1,1-Dichloroethane
 Concen: 96.746 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33

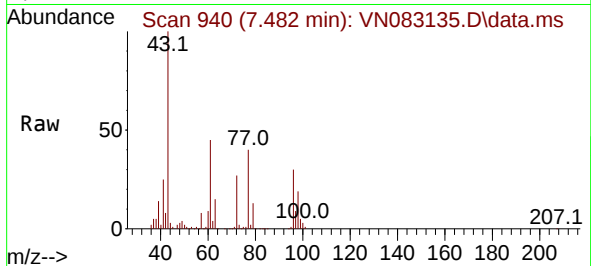
Tgt Ion: 63 Resp: 451253
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.5 2.0 6.0





#25
2-Butanone
Concen: 489.098 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

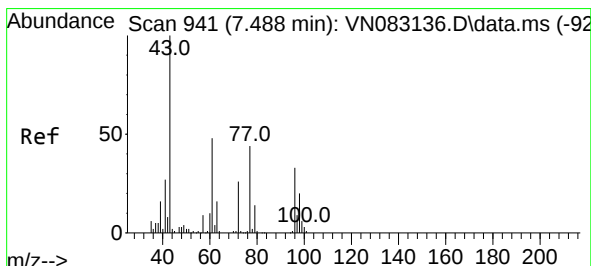
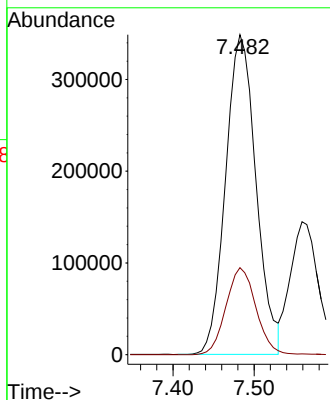
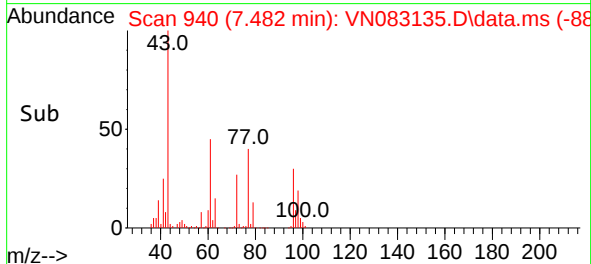
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 908992
Ion Ratio Lower Upper
43 100
72 27.2 18.2 27.2

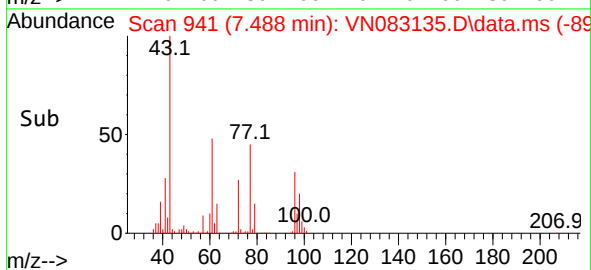
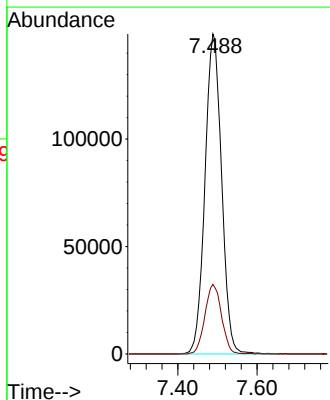
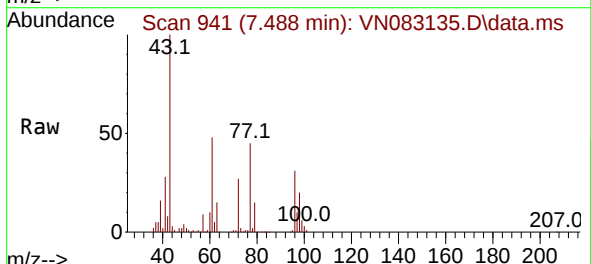
Manual Integrations
APPROVED

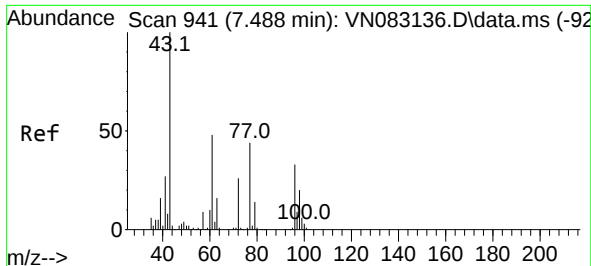
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#26
2,2-Dichloropropane
Concen: 100.075 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

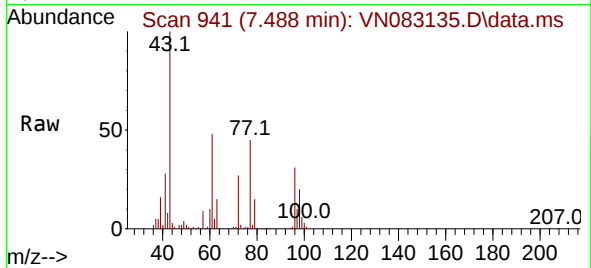
Tgt Ion: 77 Resp: 433489
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 95.225 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33

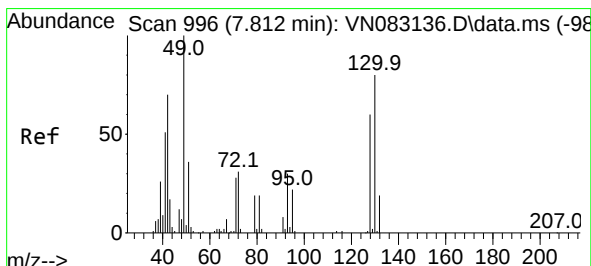
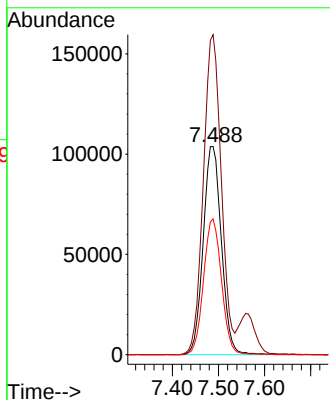
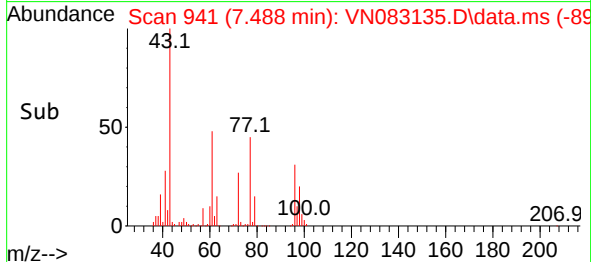
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 96 Resp: 286100
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 329.6
 98 64.3 0.0 128.6

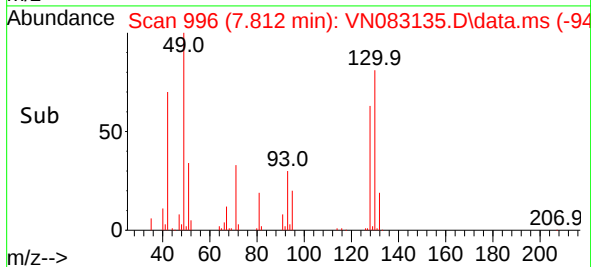
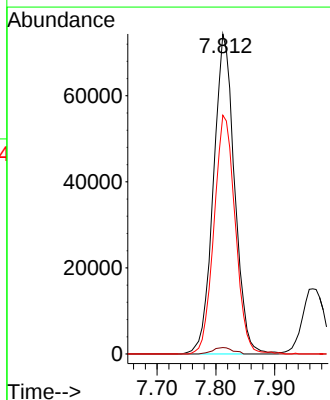
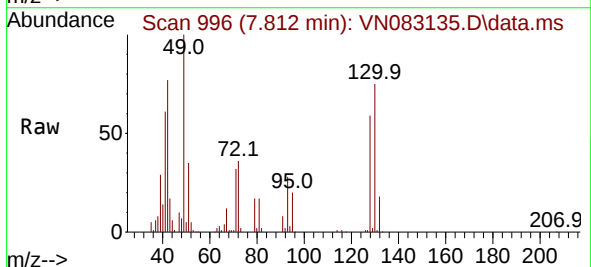
Manual Integrations
 APPROVED

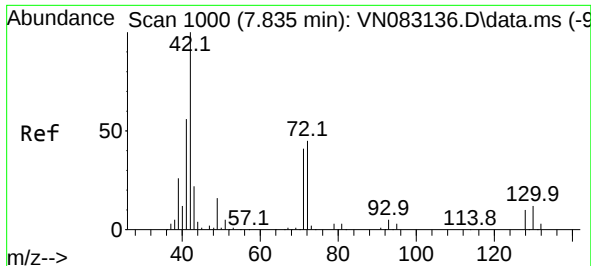
Reviewed By :John Carlone 08/08/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#28
 Bromochloromethane
 Concen: 97.333 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33

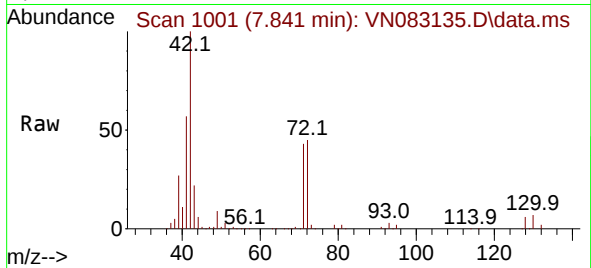
Tgt Ion: 49 Resp: 185533
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 74.9 50.5 75.7





#29
Tetrahydrofuran
Concen: 488.865 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

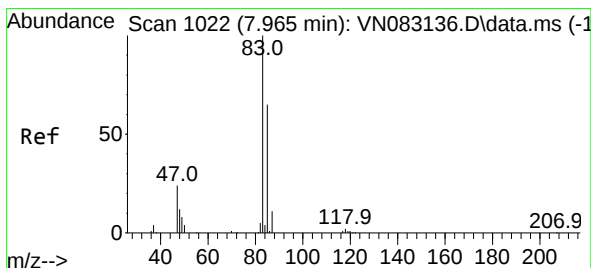
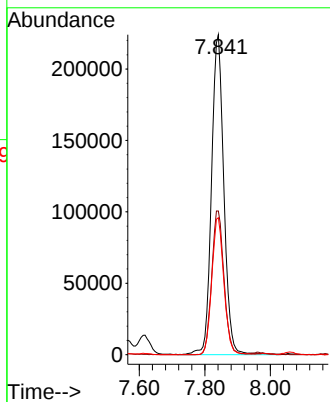
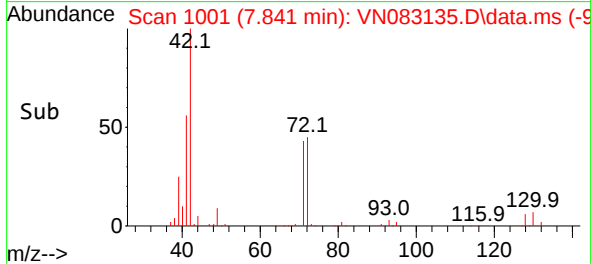
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 42 Resp: 587324
Ion Ratio Lower Upper
42 100
72 44.6 30.0 45.0
71 41.9 28.3 42.5

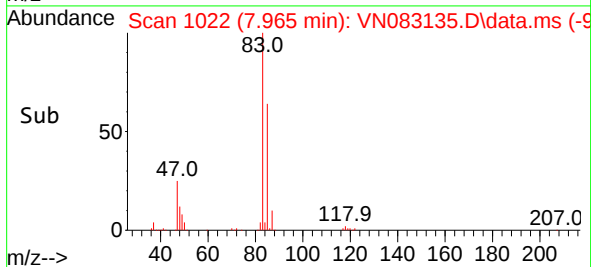
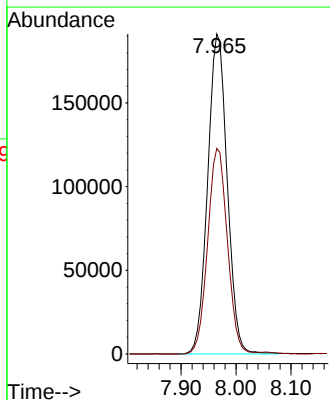
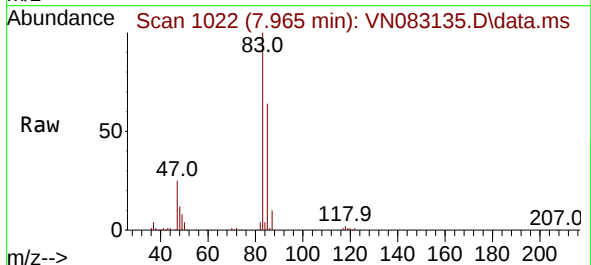
Manual Integrations
APPROVED

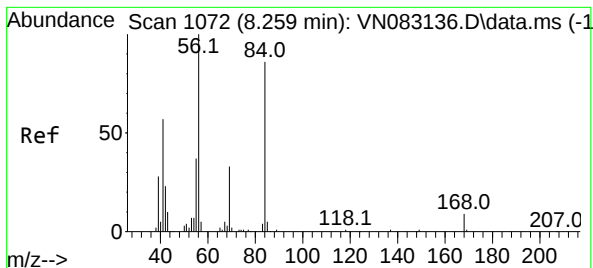
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#30
Chloroform
Concen: 97.456 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Tgt Ion: 83 Resp: 472257
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3





#31

Cyclohexane

Concen: 88.496 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 40566

Ion Ratio Lower Upper

56 100

69 29.7 24.5 36.7

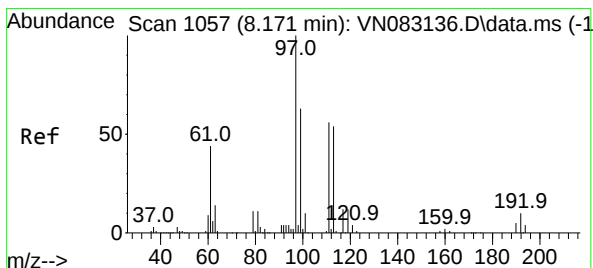
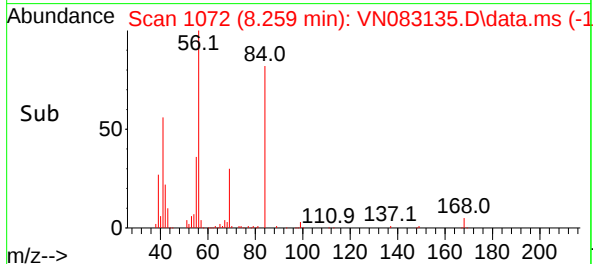
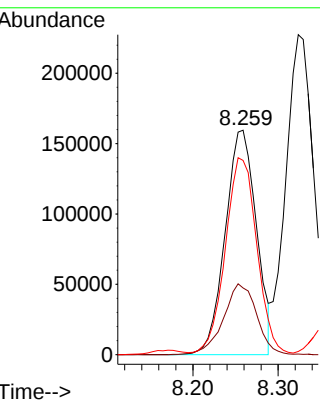
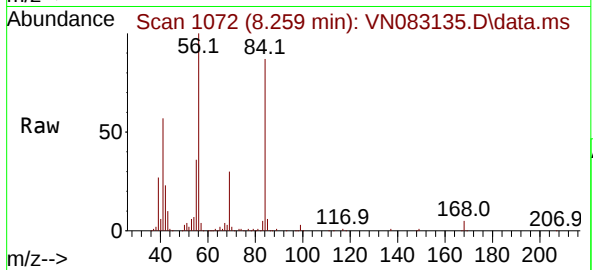
84 84.5 66.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#32

1,1,1-Trichloroethane

Concen: 97.332 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

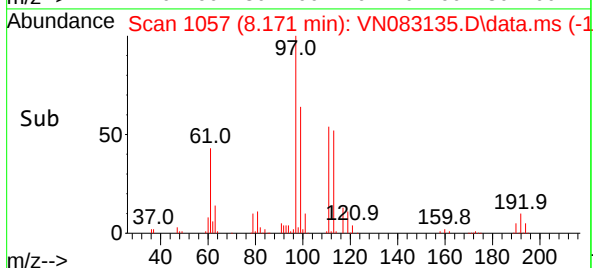
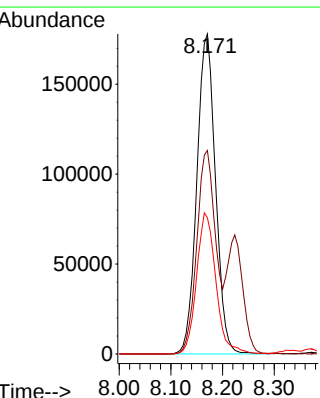
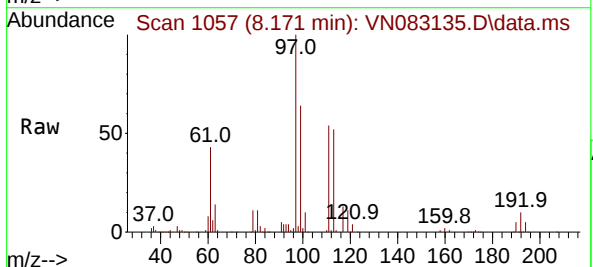
Tgt Ion: 97 Resp: 446446

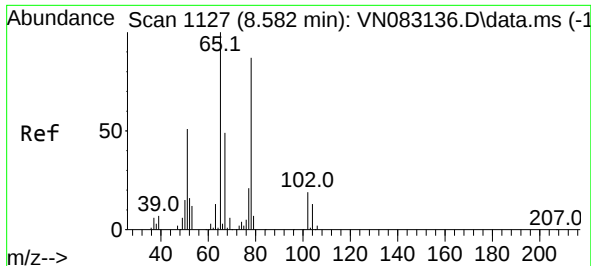
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 45.7 42.1 63.1





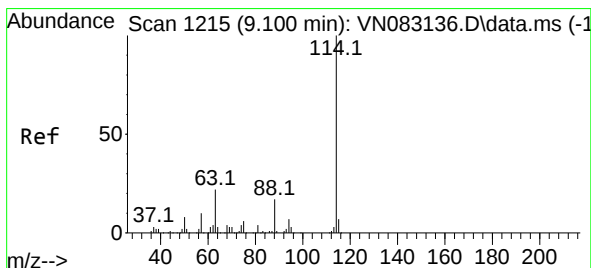
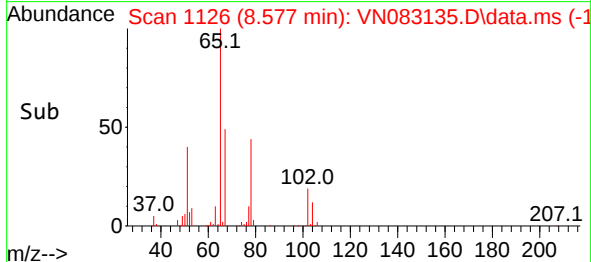
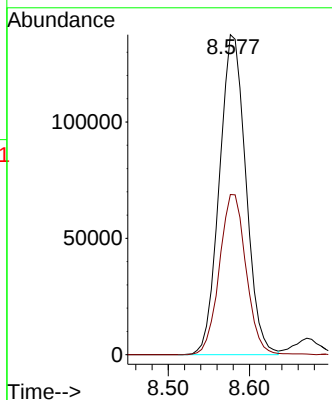
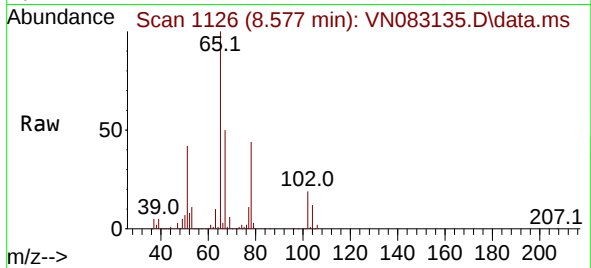
#33
1,2-Dichloroethane-d4
Concen: 100.713 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 31153
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

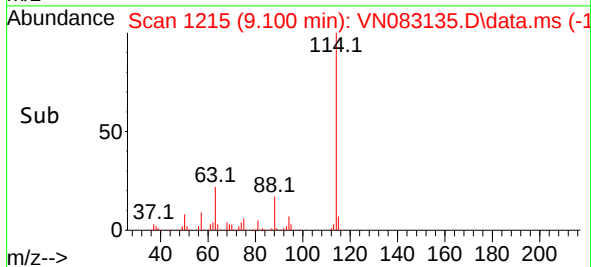
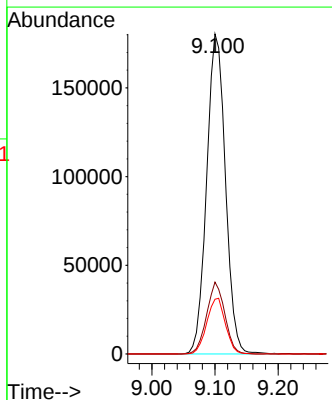
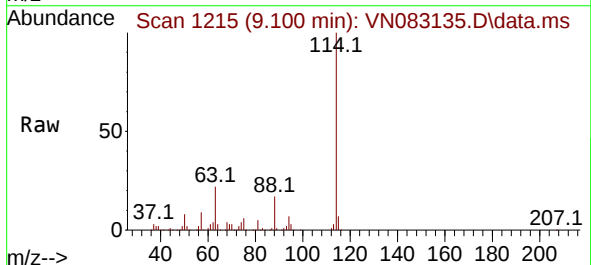
Manual Integrations
APPROVED

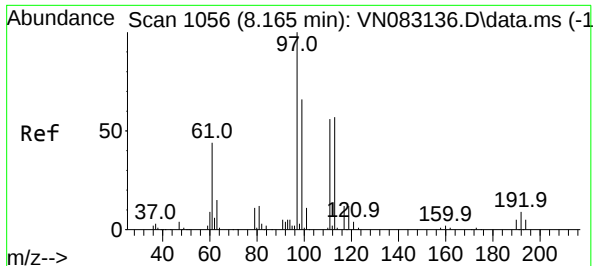
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Tgt Ion:114 Resp: 373033
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.6
88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 99.556 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

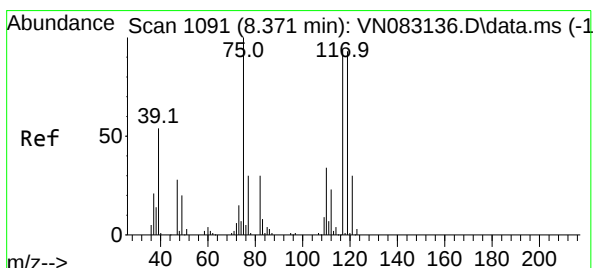
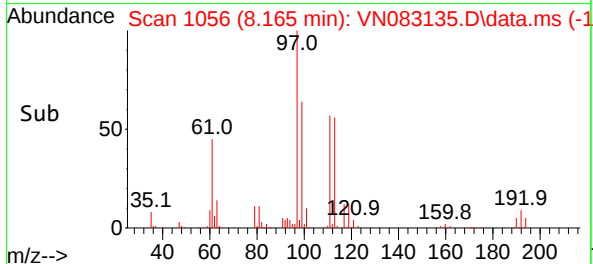
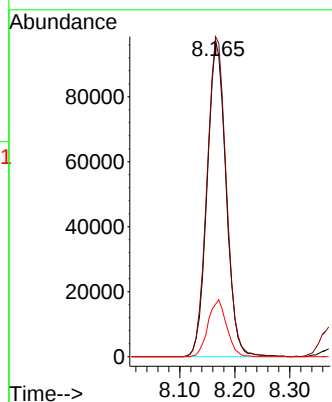
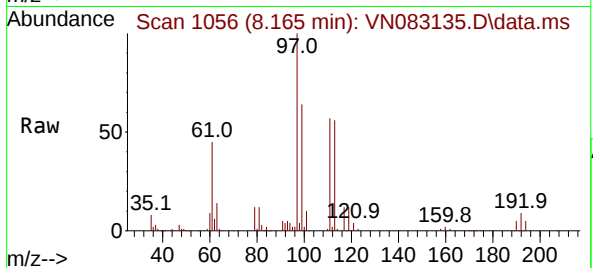
Tgt Ion:	113	Resp:	23180
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	17.7	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#36

1,1-Dichloropropene

Concen: 96.808 ug/l

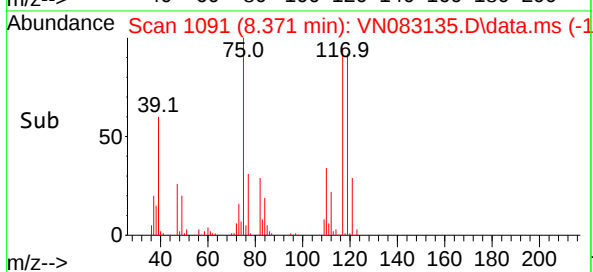
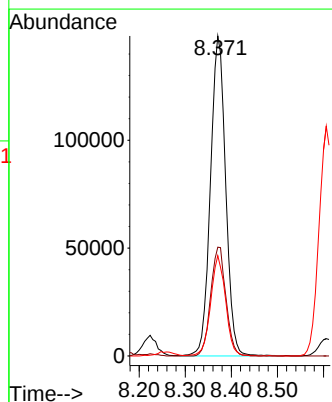
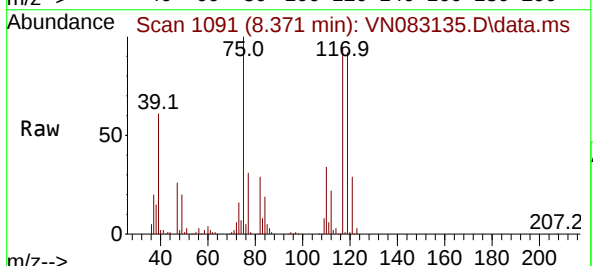
RT: 8.371 min Scan# 1091

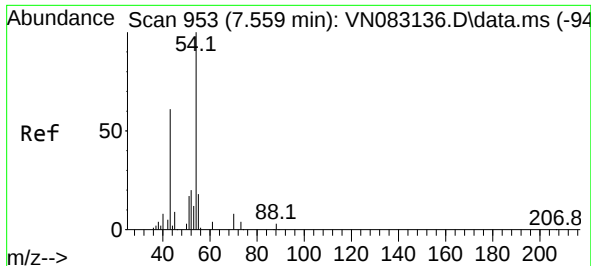
Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Tgt Ion:	75	Resp:	340980
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.3	48.9
77	30.6	24.6	37.0





#37

Ethyl Acetate

Concen: 90.602 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 357308

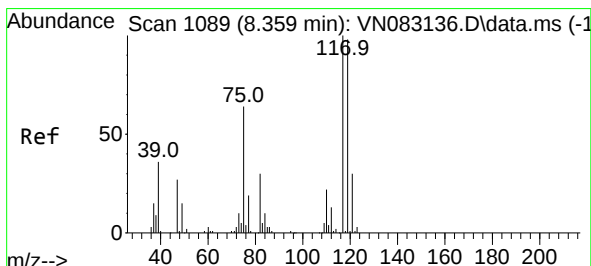
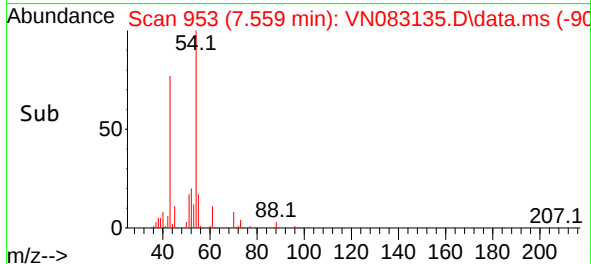
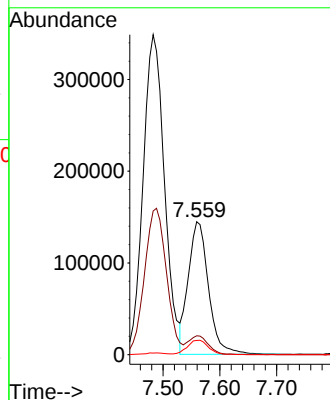
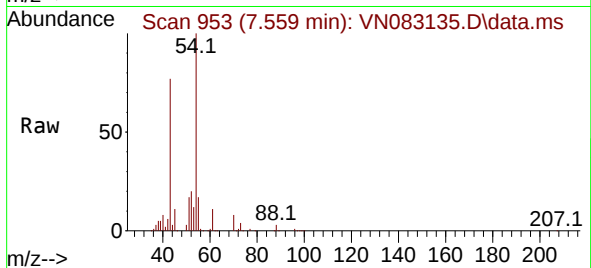
Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.3	13.9
70	11.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#38

Carbon Tetrachloride

Concen: 98.597 ug/l

RT: 8.359 min Scan# 1089

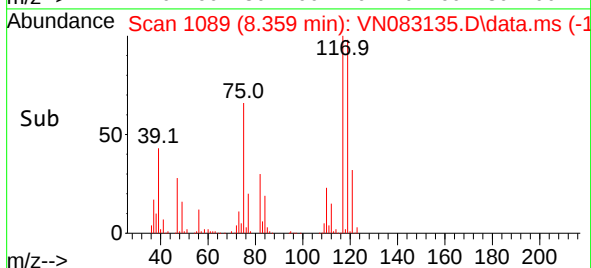
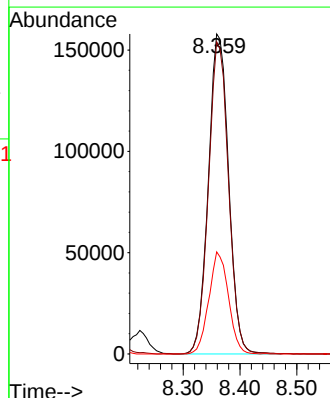
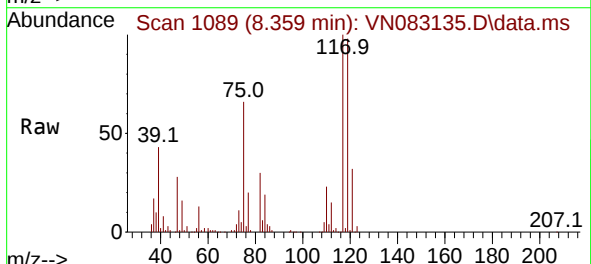
Delta R.T. -0.000 min

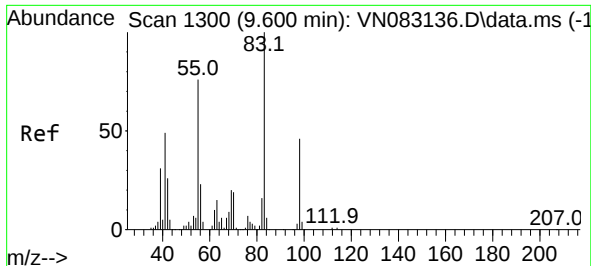
Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Tgt Ion:117 Resp: 391148

Ion	Ratio	Lower	Upper
117	100		
119	97.5	74.9	112.3
121	31.9	24.3	36.5





#39
Methylcyclohexane
Concen: 97.486 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

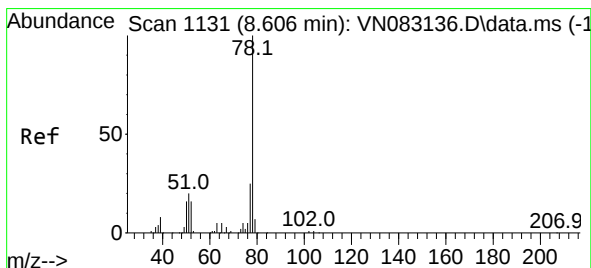
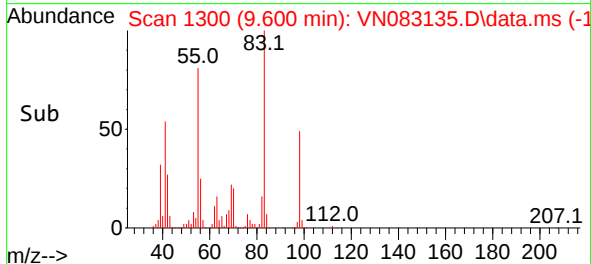
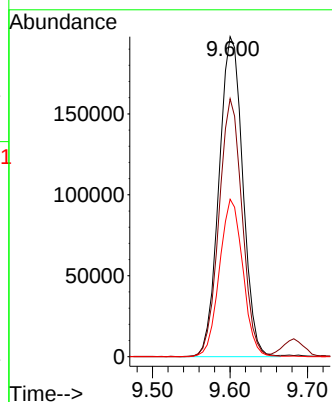
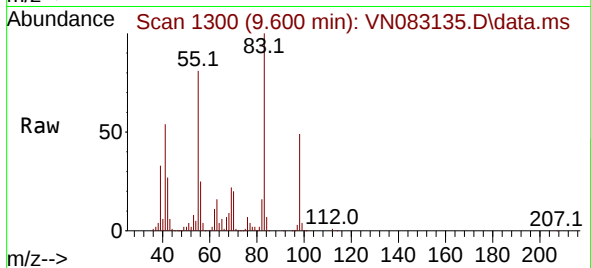
Tgt Ion: 83 Resp: 42174
Ion Ratio Lower Upper
83 100
55 80.6 66.4 99.6
98 49.2 40.7 61.1

Manual Integrations

APPROVED

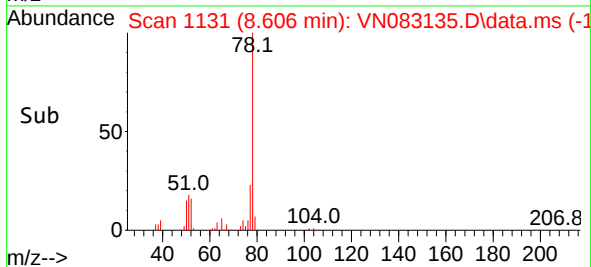
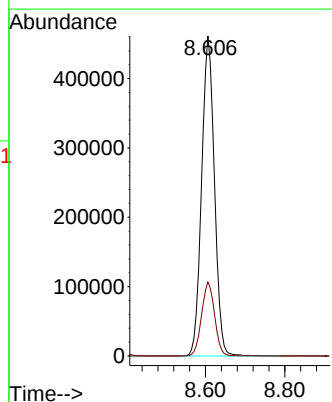
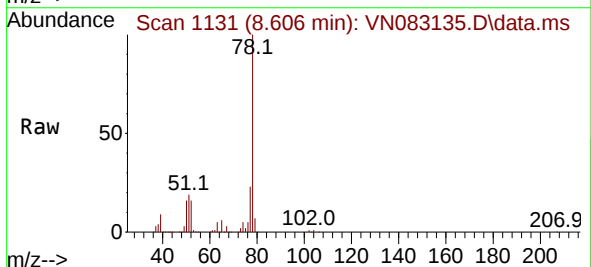
Reviewed By :John Carlone 08/08/2024

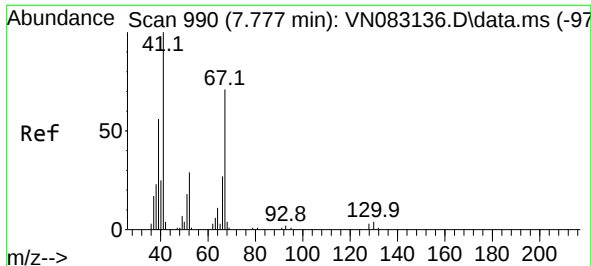
Supervised By :Mahesh Dadoda 08/09/2024



#40
Benzene
Concen: 98.550 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

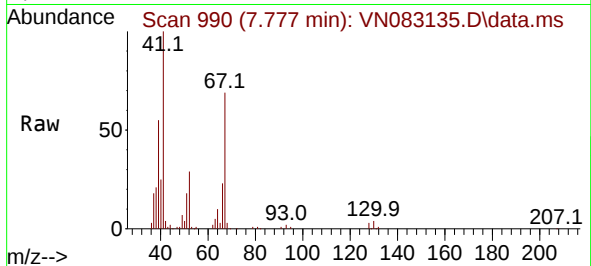
Tgt Ion: 78 Resp: 1034059
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 91.799 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

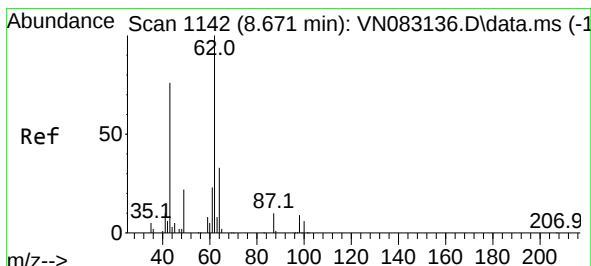
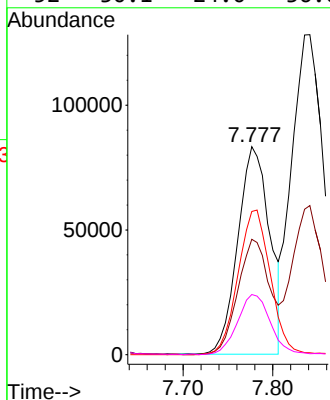
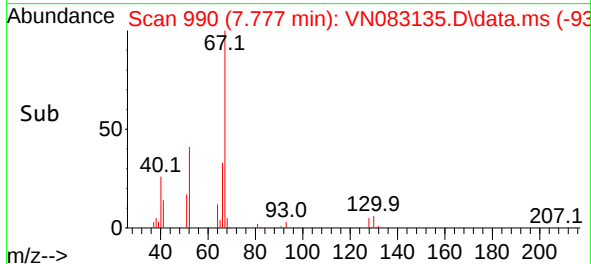
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



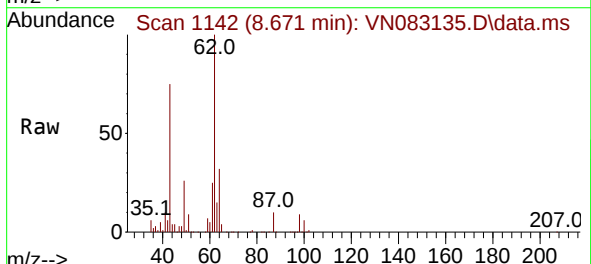
Tgt Ion: 41 Resp: 205844
Ion Ratio Lower Upper
41 100
39 55.7 45.5 68.3
67 70.9 50.5 75.7
52 30.1 24.0 36.0

Manual Integrations
APPROVED

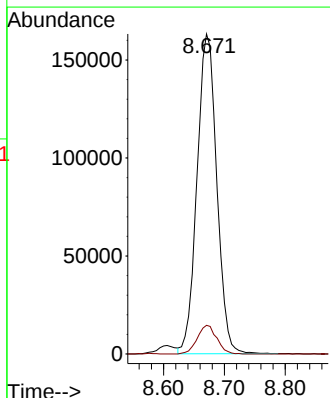
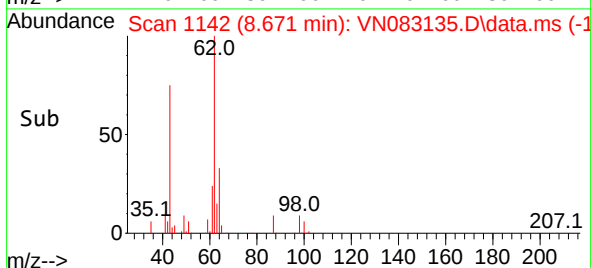
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#42
1,2-Dichloroethane
Concen: 96.385 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



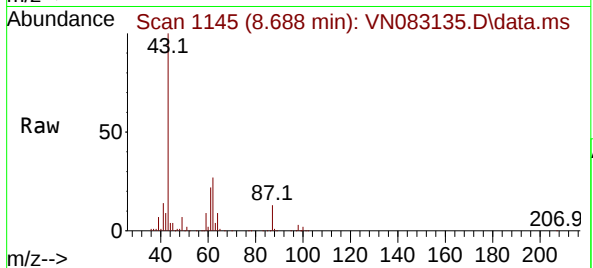
Tgt Ion: 62 Resp: 368412
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 99.962 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

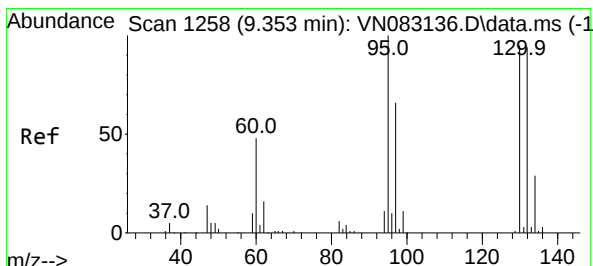
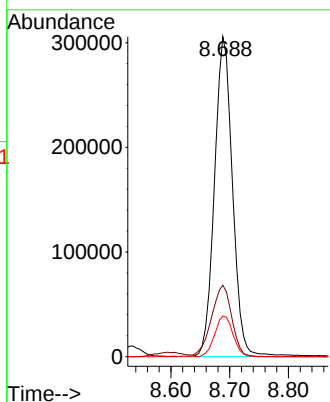
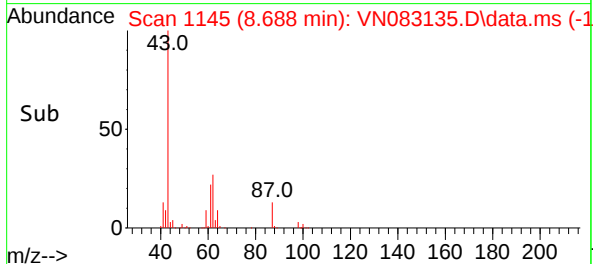
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 648582
Ion Ratio Lower Upper
43 100
61 25.2 17.8 26.6
87 13.0 8.2 12.2

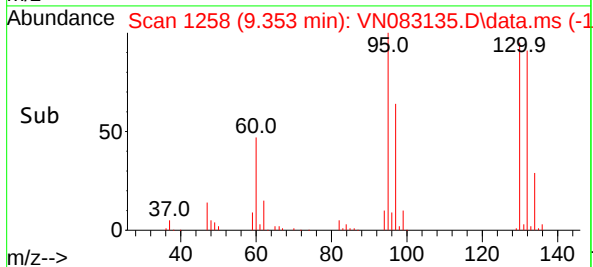
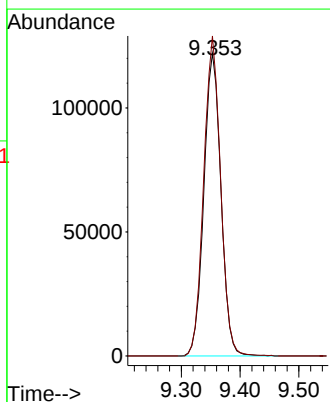
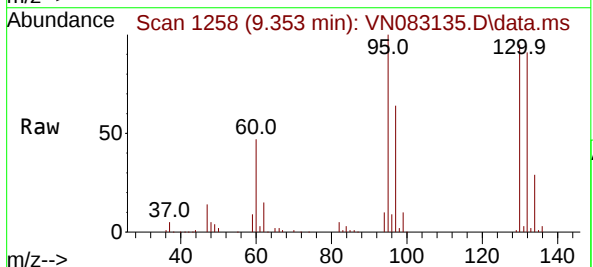
Manual Integrations
APPROVED

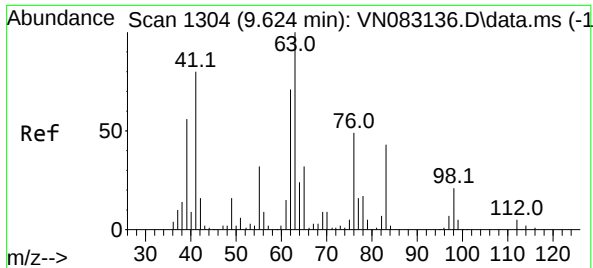
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#44
Trichloroethene
Concen: 98.774 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Tgt Ion:130 Resp: 246689
Ion Ratio Lower Upper
130 100
95 105.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 99.275 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 247262

Ion Ratio Lower Upper

63 100

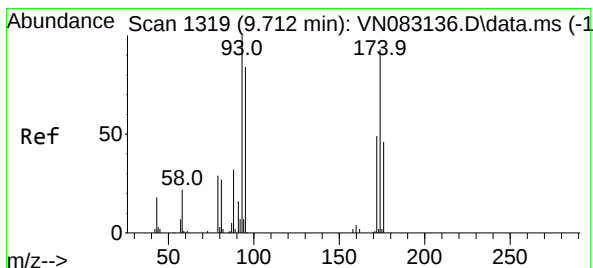
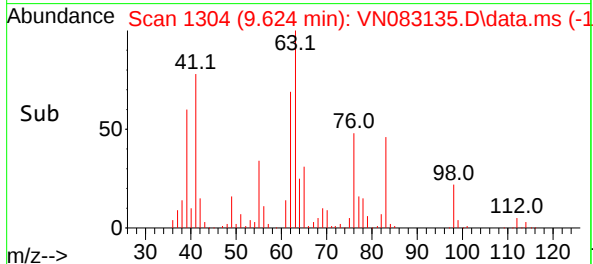
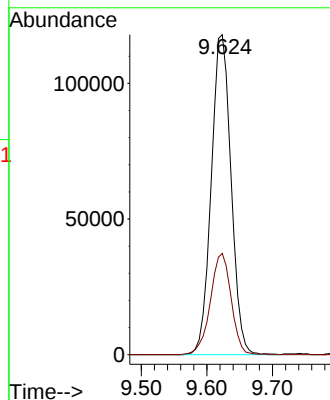
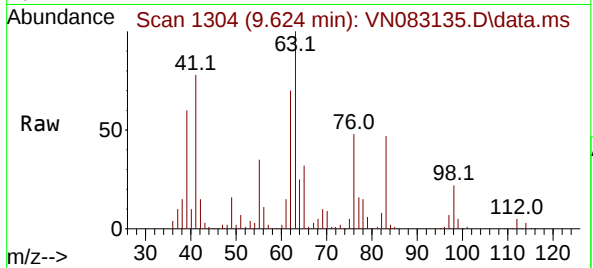
65 31.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#46

Dibromomethane

Concen: 99.449 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

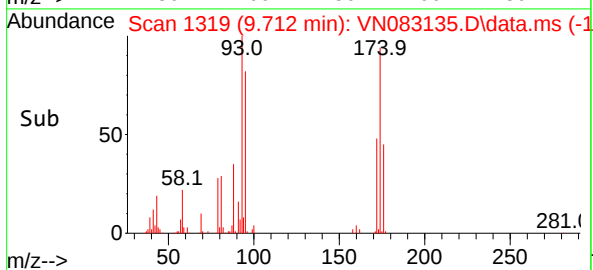
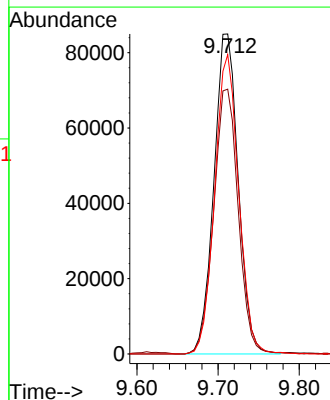
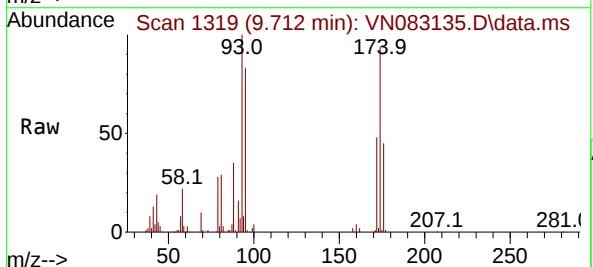
Tgt Ion: 93 Resp: 177294

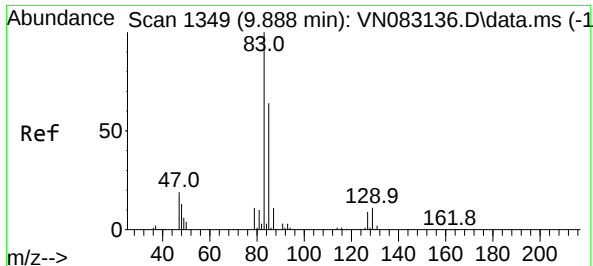
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.6

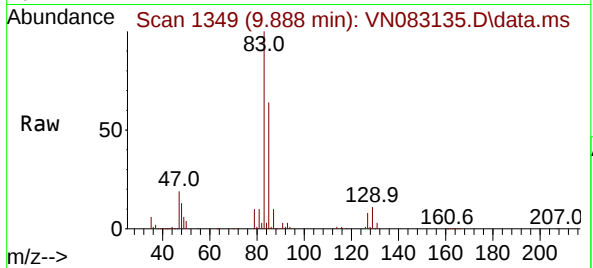
174 92.1 71.7 107.5





#47
Bromodichloromethane
Concen: 97.184 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

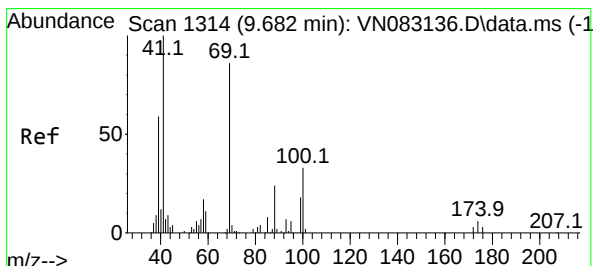
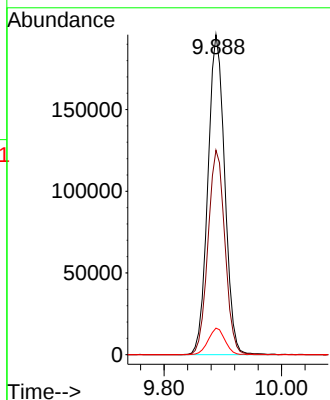
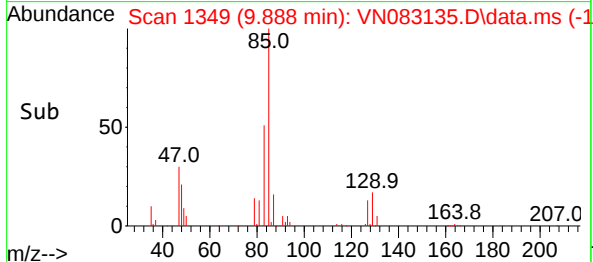
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



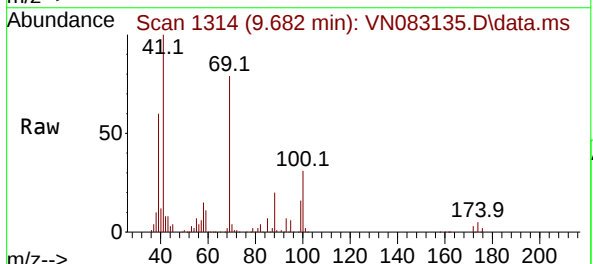
Tgt Ion: 83 Resp: 389020
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.3 7.2 10.8

Manual Integrations
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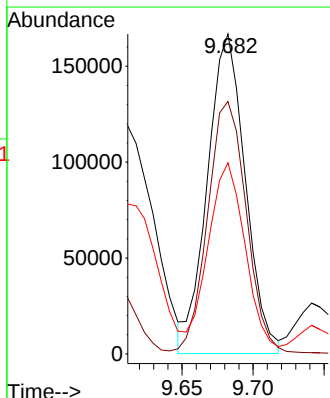
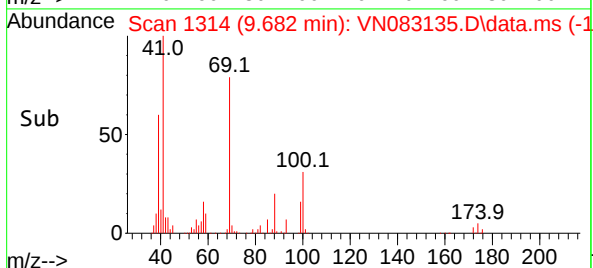
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

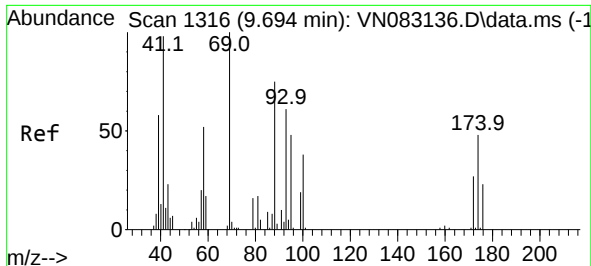


#48
Methyl methacrylate
Concen: 94.886 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



Tgt Ion: 41 Resp: 309367
Ion Ratio Lower Upper
41 100
69 81.0 56.3 84.5
39 58.7 50.3 75.5





#49

1,4-Dioxane

Concen: 1994.879 ug/l

RT: 9.694 min Scan# 11734

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 11734

Ion Ratio Lower Upper

88 100

43 28.2 27.8 41.8

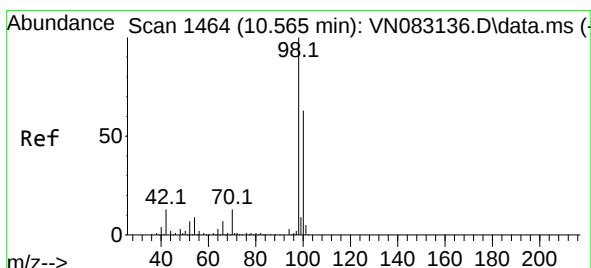
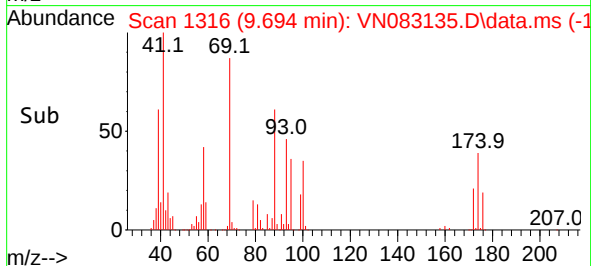
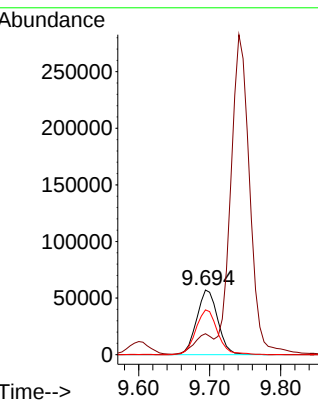
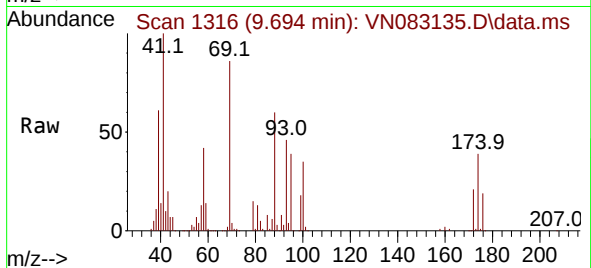
58 71.8 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#50

Toluene-d8

Concen: 103.163 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083135.D

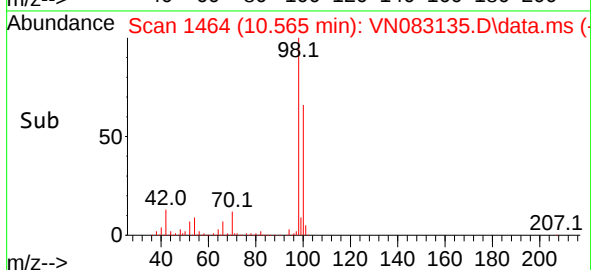
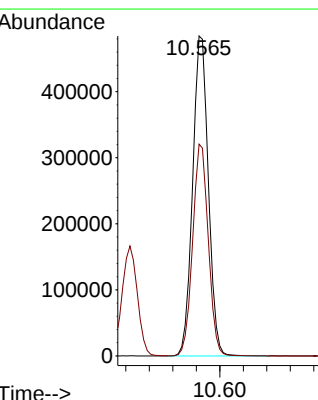
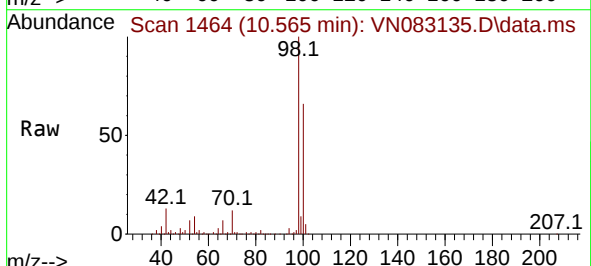
Acq: 07 Aug 2024 10:33

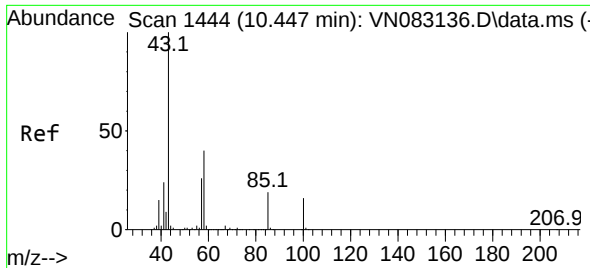
Tgt Ion: 98 Resp: 896022

Ion Ratio Lower Upper

98 100

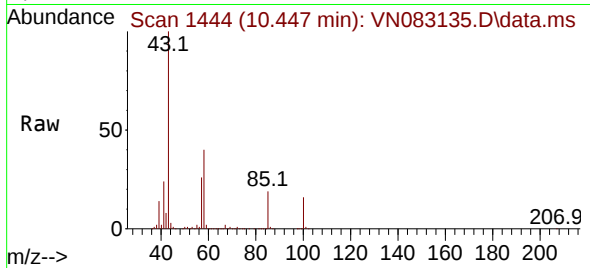
100 65.8 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 495.091 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

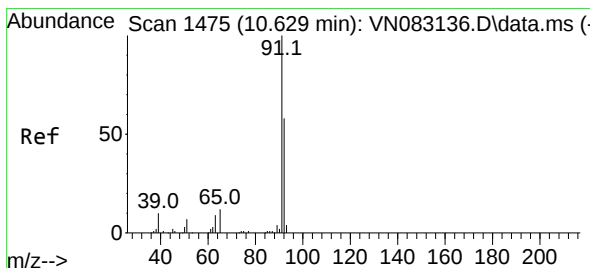
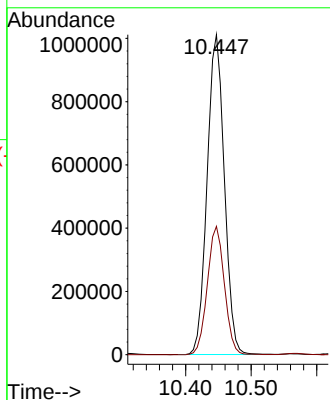
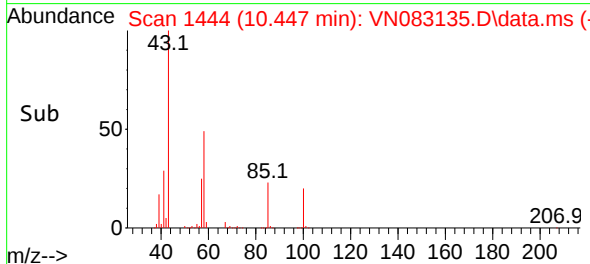
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1846340
Ion Ratio Lower Upper
43 100
58 39.7 28.2 42.4

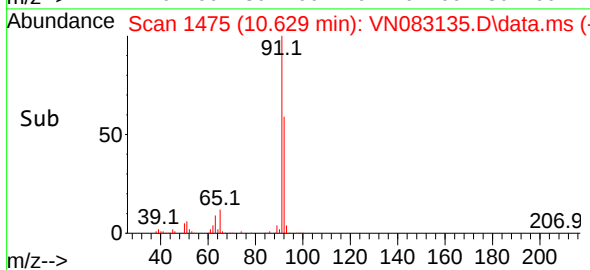
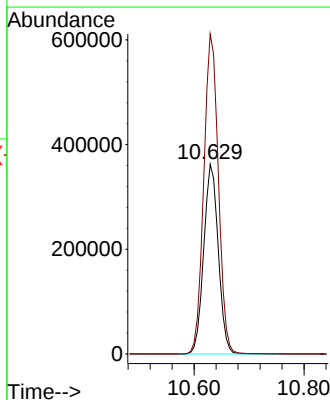
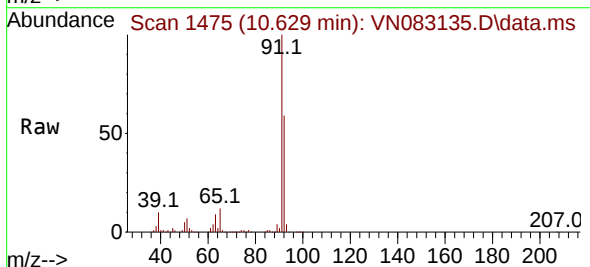
Manual Integrations
APPROVED

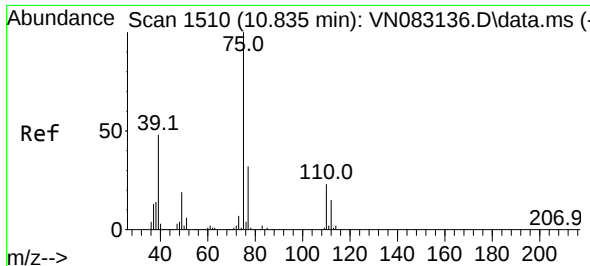
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#52
Toluene
Concen: 100.347 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

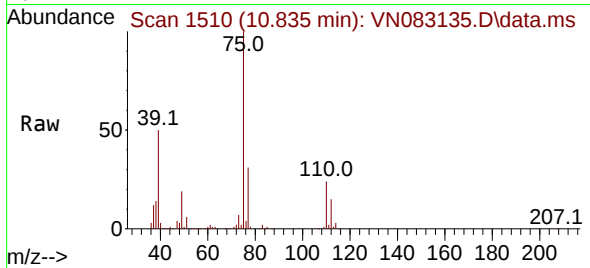
Tgt Ion: 92 Resp: 665274
Ion Ratio Lower Upper
92 100
91 169.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 103.317 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

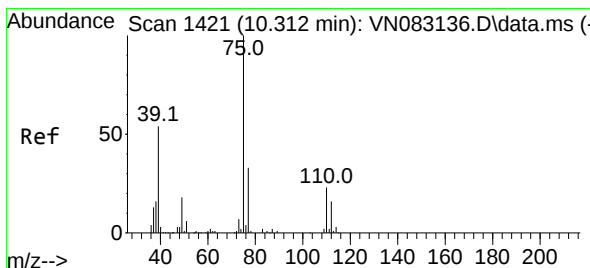
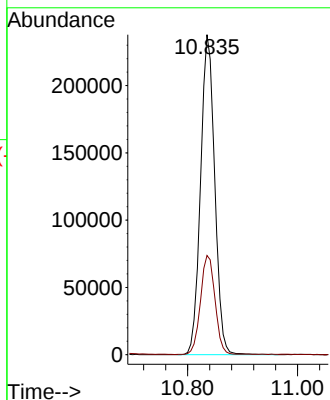
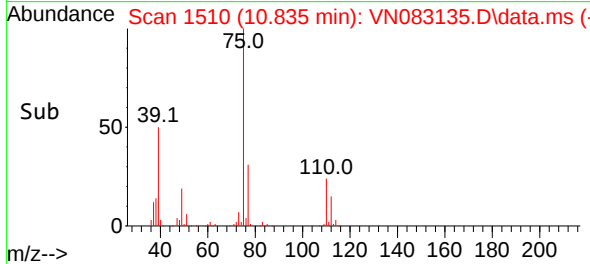
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



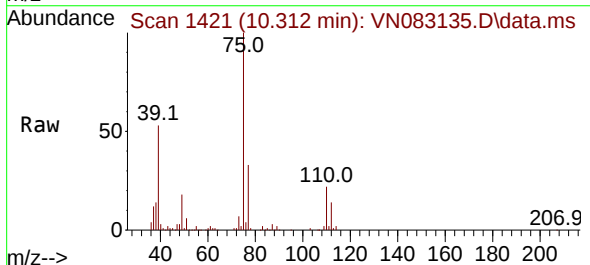
Tgt Ion: 75 Resp: 424825
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

Manual Integrations
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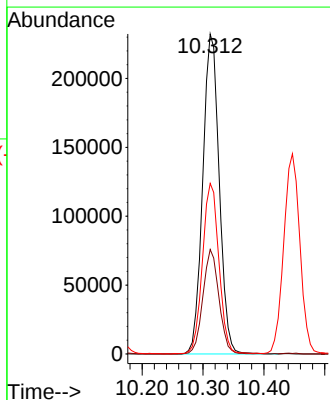
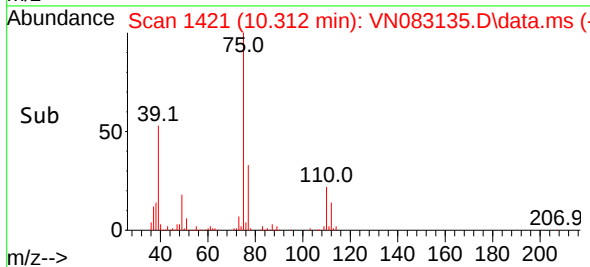
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

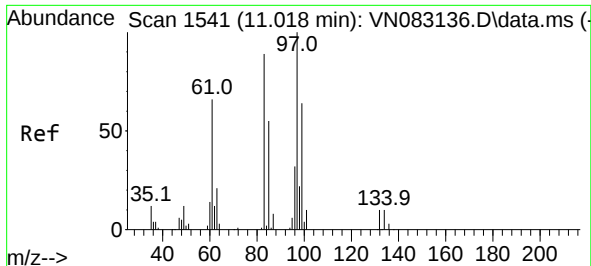


#54
cis-1,3-Dichloropropene
Concen: 99.903 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



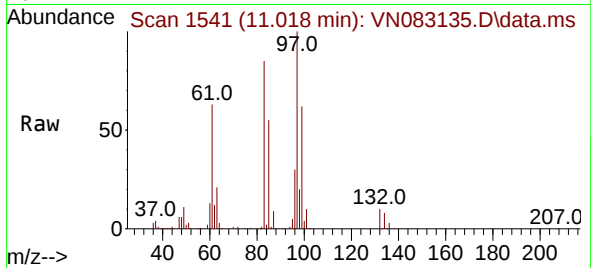
Tgt Ion: 75 Resp: 436928
Ion Ratio Lower Upper
75 100
77 32.7 24.3 36.5
39 53.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 101.114 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

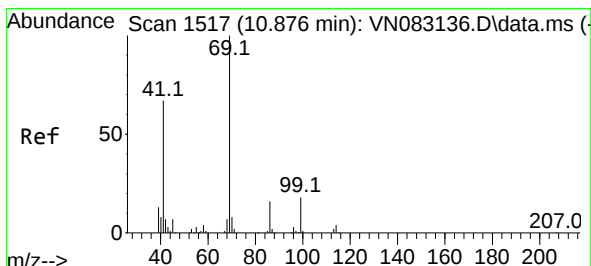
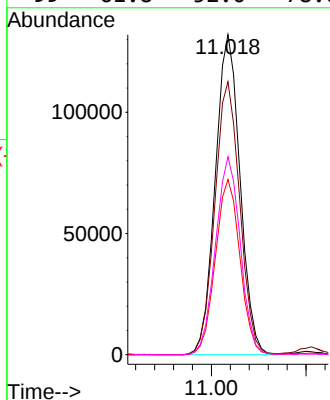
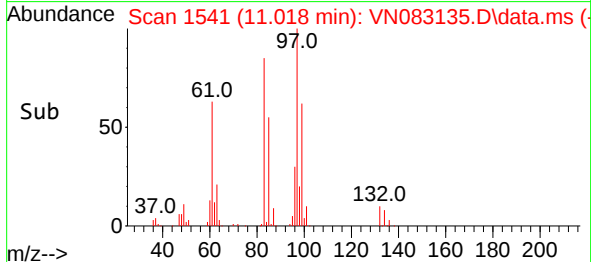
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



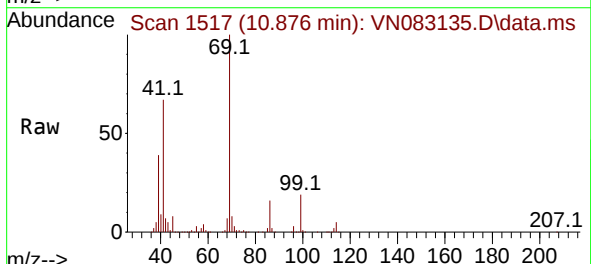
Tgt Ion:	97	Resp:	24023
Ion Ratio	100	Lower	Upper
97	100		
83	85.3	71.4	107.0
85	54.8	45.8	68.6
99	61.8	52.0	78.0

Manual Integrations
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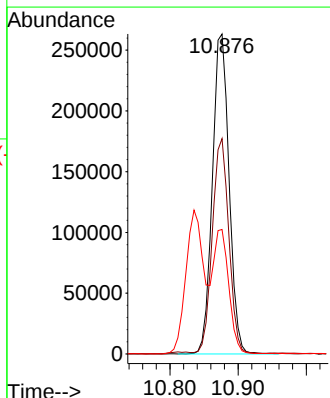
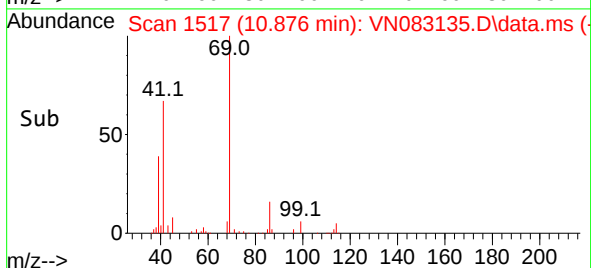
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#56
Ethyl methacrylate
Concen: 100.164 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



Tgt Ion:	69	Resp:	448632
Ion Ratio	100	Lower	Upper
69	100		
41	66.4	63.4	95.2
39	34.5	37.4	56.0





#57

1,3-Dichloropropane

Concen: 98.824 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 41850

Ion Ratio Lower Upper

76 100

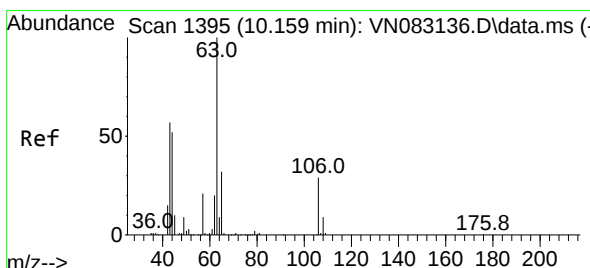
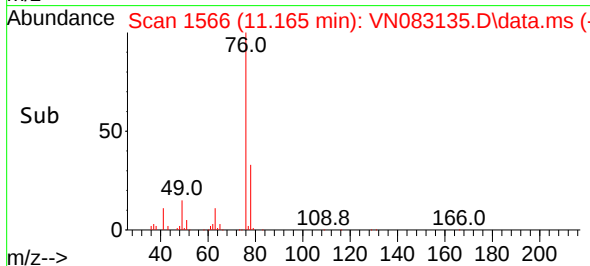
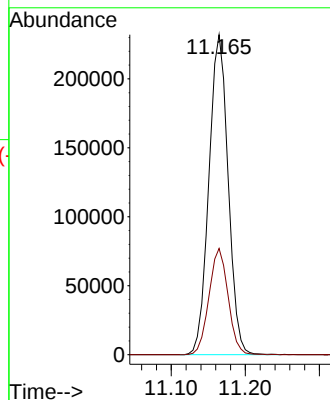
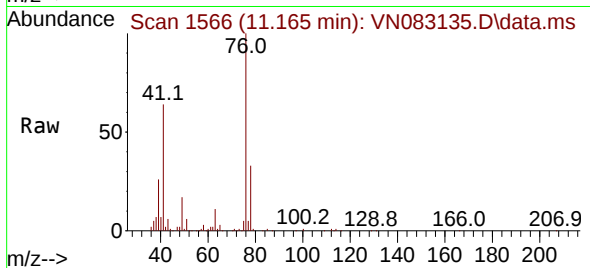
78 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#58

2-Chloroethyl Vinyl ether

Concen: 519.987 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083135.D

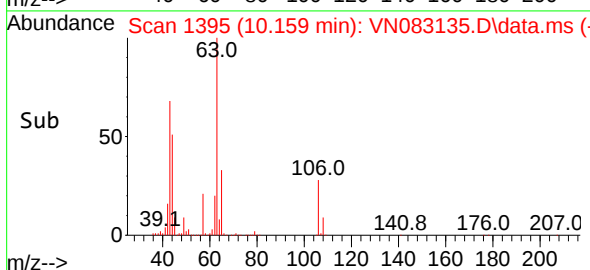
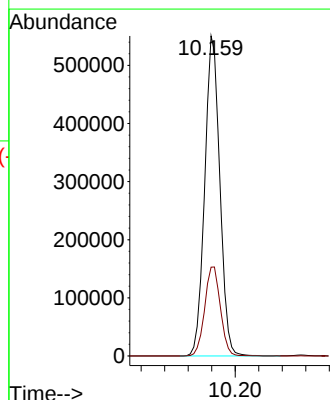
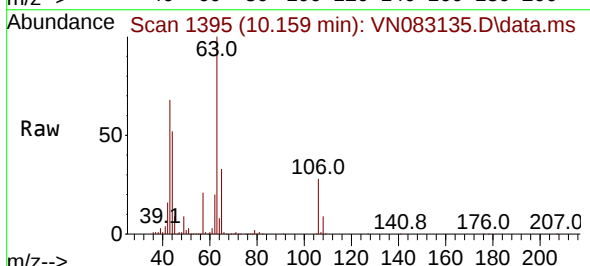
Acq: 07 Aug 2024 10:33

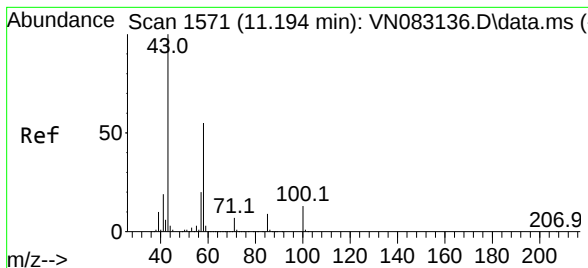
Tgt Ion: 63 Resp: 984478

Ion Ratio Lower Upper

63 100

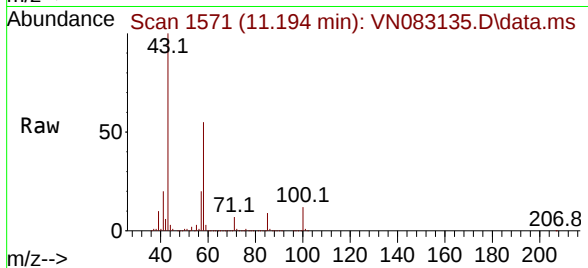
106 28.8 21.4 32.0





#59
2-Hexanone
Concen: 501.642 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

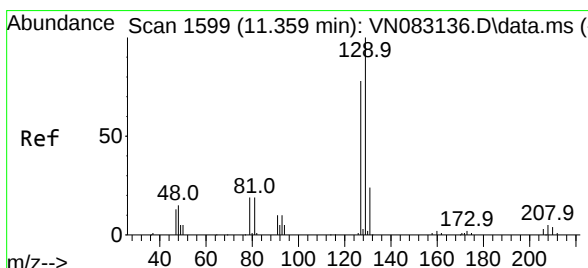
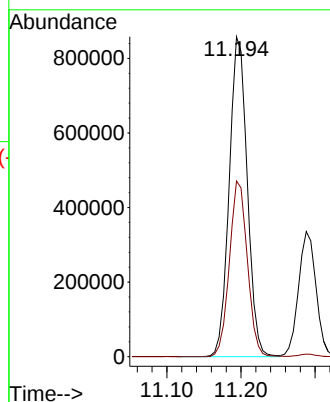
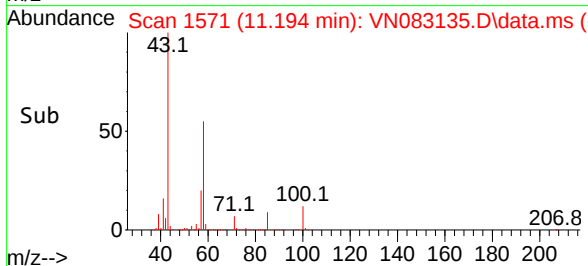
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 144730
Ion Ratio Lower Upper
43 100
58 54.7 24.6 73.8

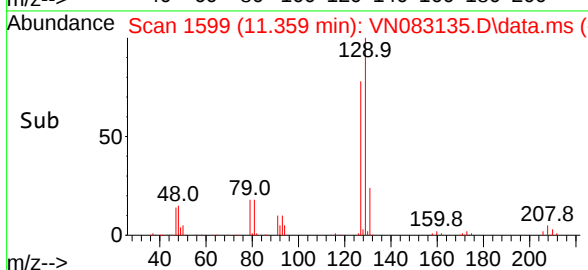
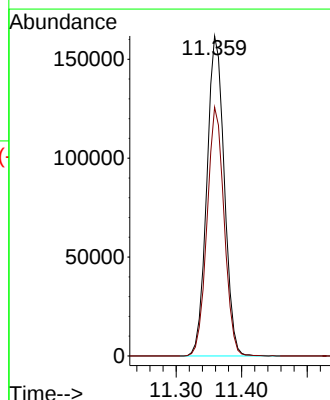
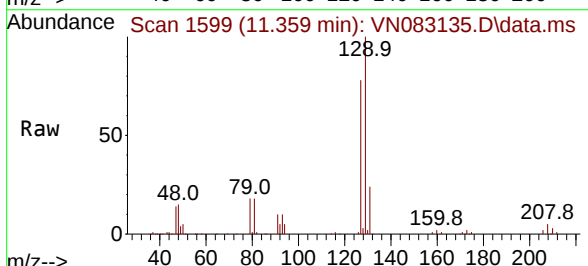
Manual Integrations
APPROVED

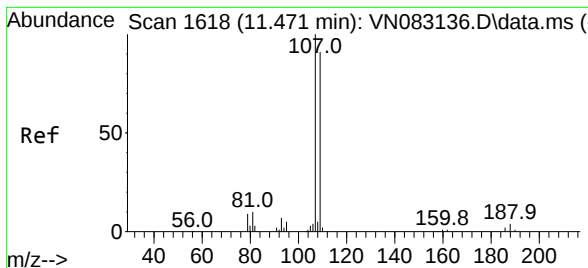
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
Dibromochloromethane
Concen: 103.914 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

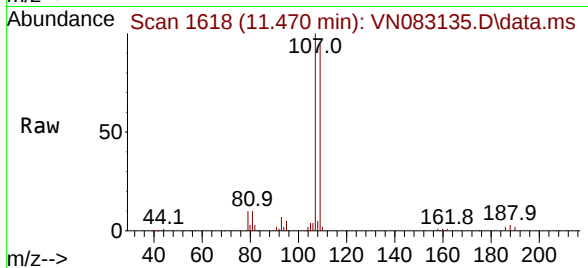
Tgt Ion:129 Resp: 298498
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 99.794 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

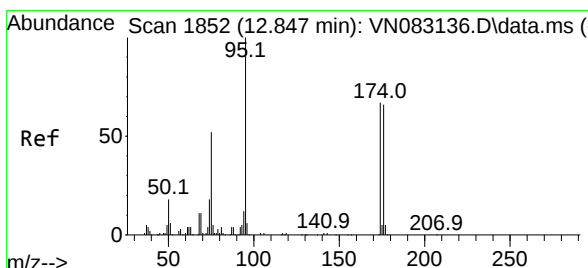
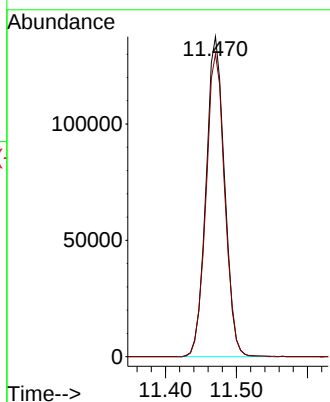
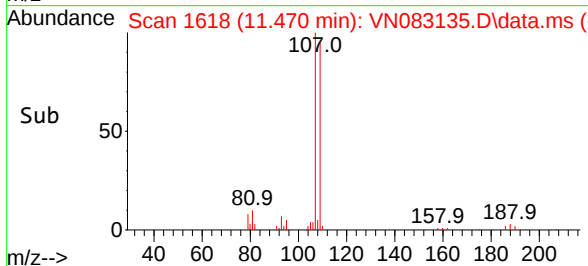
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



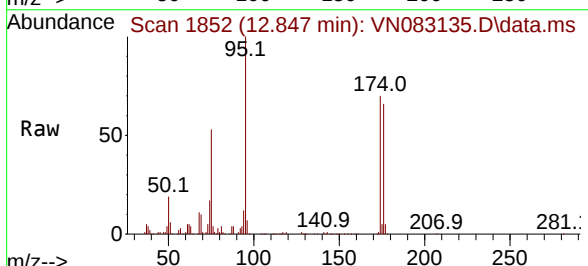
Tgt Ion:107 Resp: 249072
Ion Ratio Lower Upper
107 100
109 95.5 73.7 110.5

Manual Integrations
APPROVED

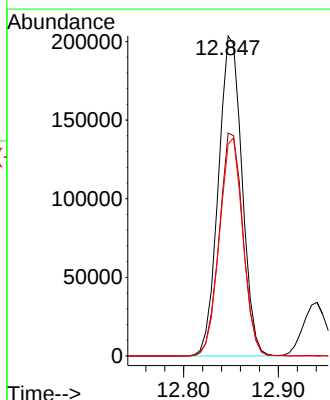
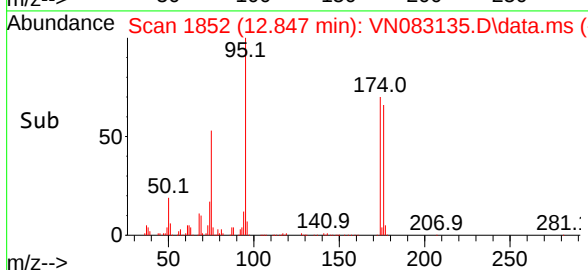
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

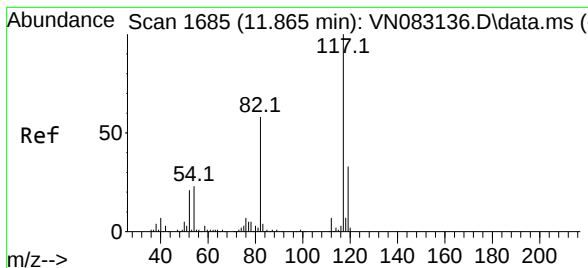


#62
4-Bromofluorobenzene
Concen: 104.234 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



Tgt Ion: 95 Resp: 352947
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 67.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:117 Resp: 329850

Ion Ratio Lower Upper

117 100

82 59.0 47.5 71.3

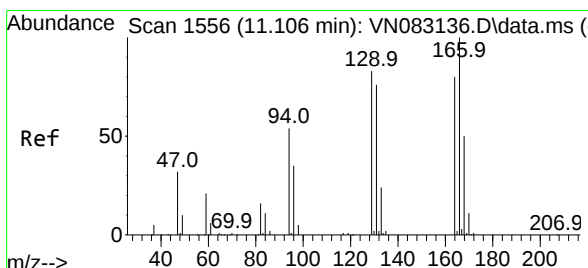
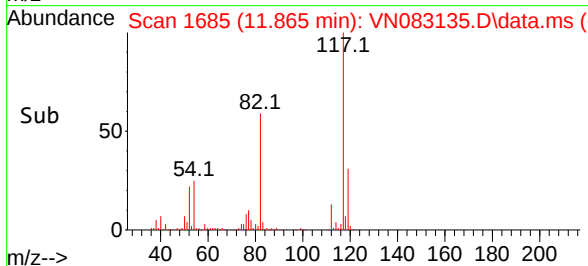
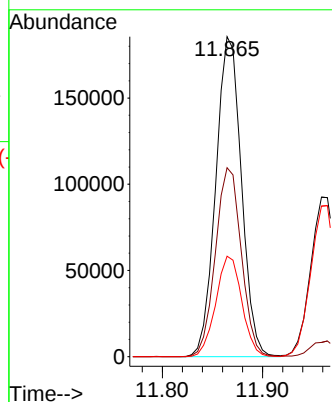
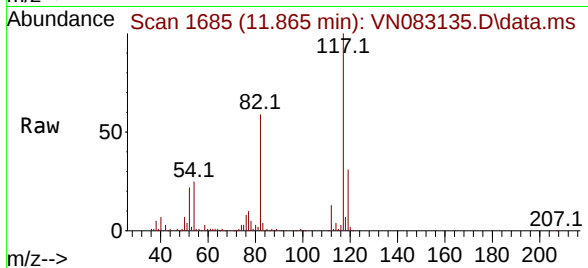
119 31.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#64

Tetrachloroethene

Concen: 96.284 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Tgt Ion:164 Resp: 210334

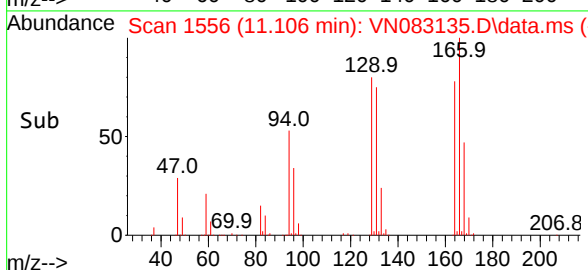
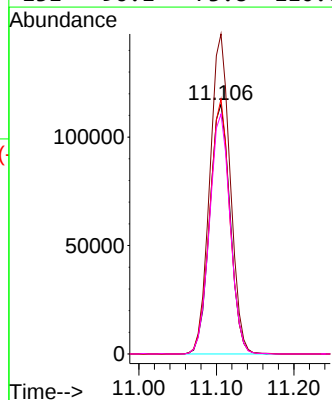
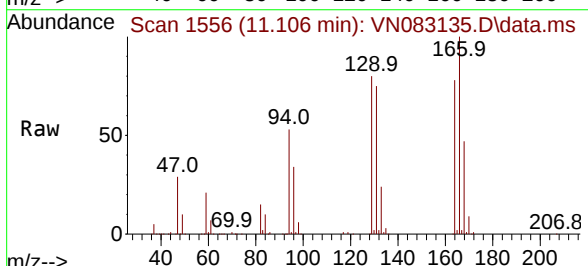
Ion Ratio Lower Upper

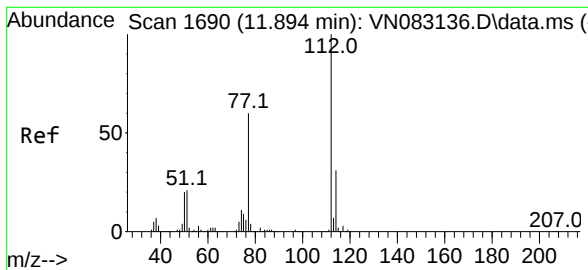
164 100

166 128.2 101.4 152.0

129 102.1 75.7 113.5

131 96.1 73.8 110.6





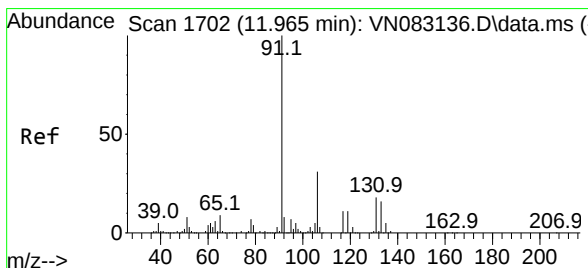
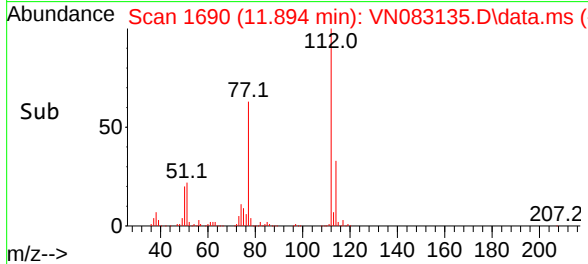
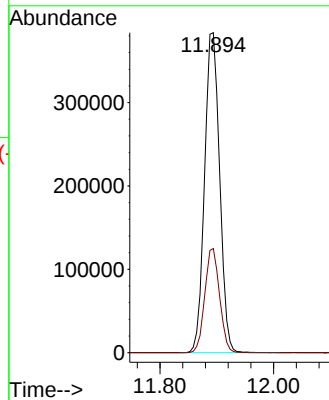
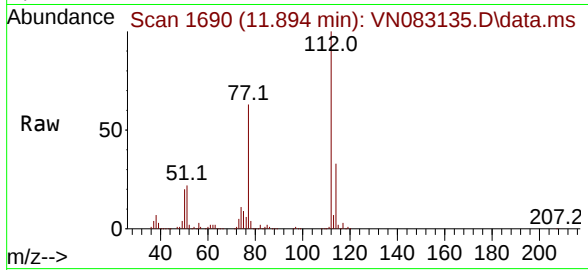
#65
Chlorobenzene
Concen: 96.805 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 705639
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

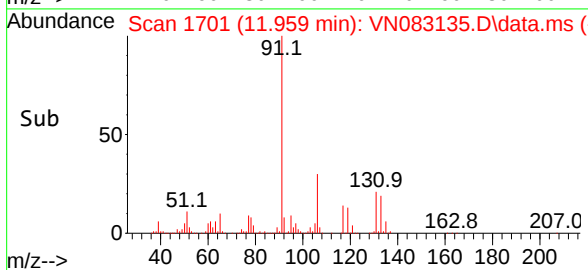
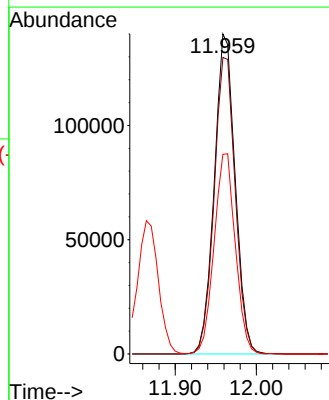
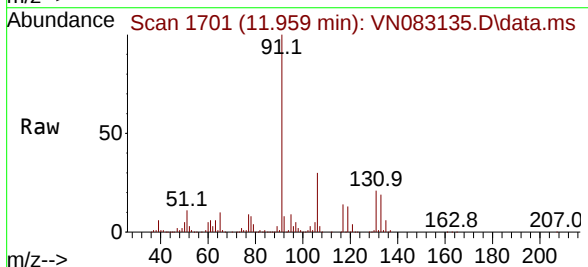
Manual Integrations
APPROVED

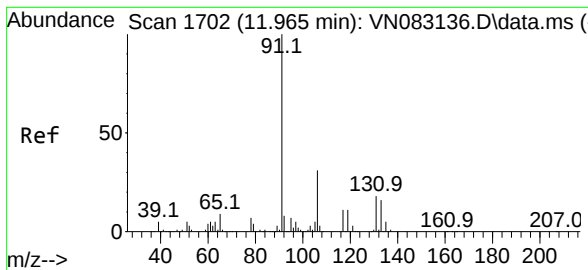
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 97.546 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

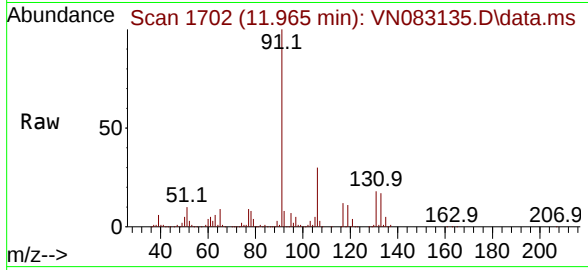
Tgt Ion:131 Resp: 250772
Ion Ratio Lower Upper
131 100
133 93.9 47.3 142.0
119 63.6 32.5 97.4





#67
Ethyl Benzene
Concen: 97.041 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

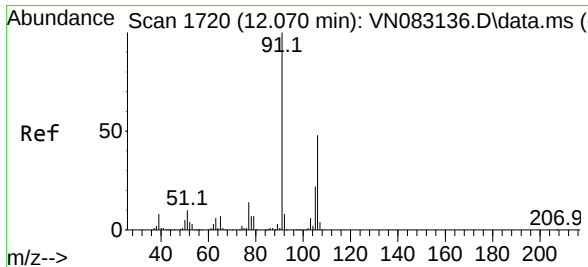
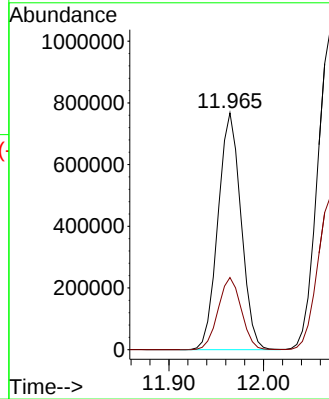
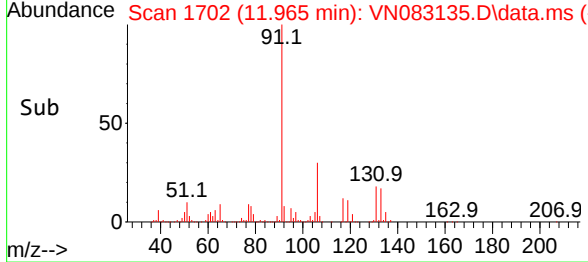
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



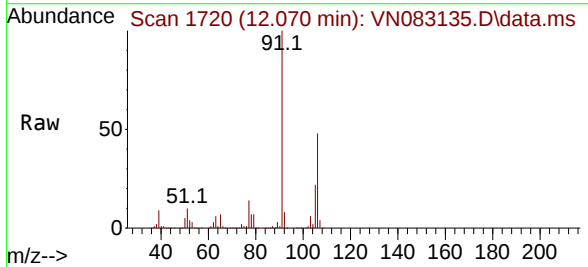
Tgt Ion: 91 Resp: 1297632
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

Manual Integrations
APPROVED

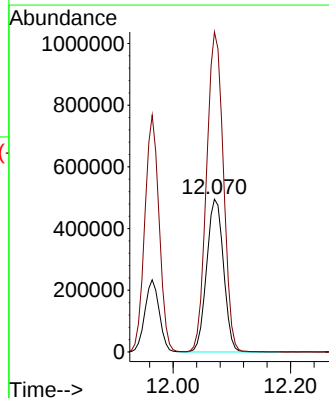
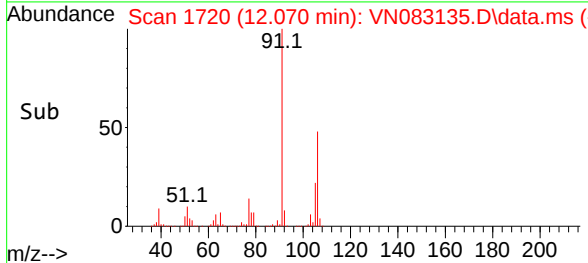
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

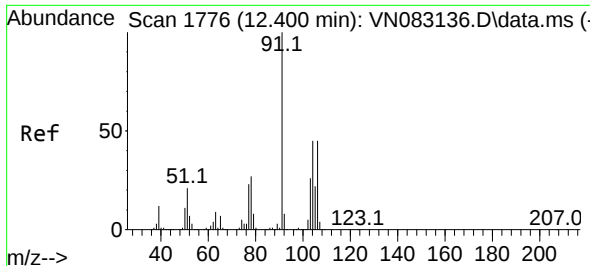


#68
m/p-Xylenes
Concen: 196.641 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



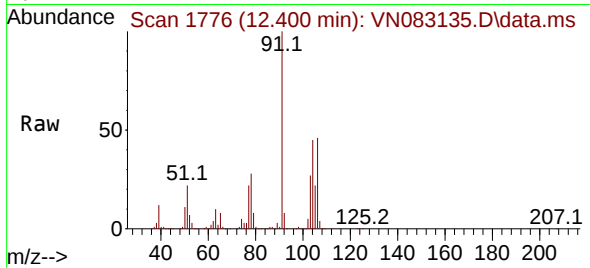
Tgt Ion:106 Resp: 984984
Ion Ratio Lower Upper
106 100
91 208.8 166.1 249.1





#69
o-Xylene
Concen: 98.107 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

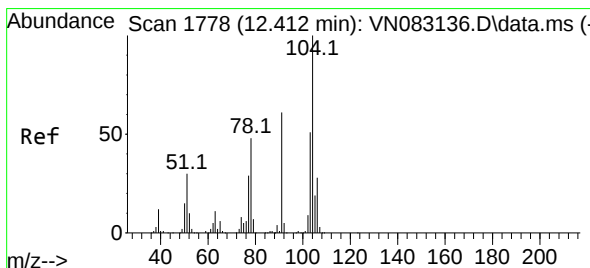
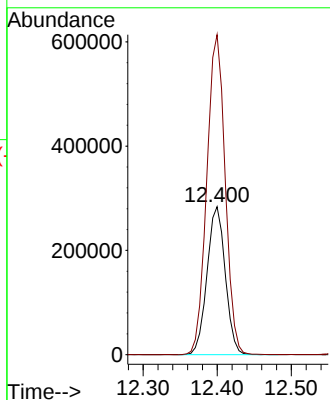
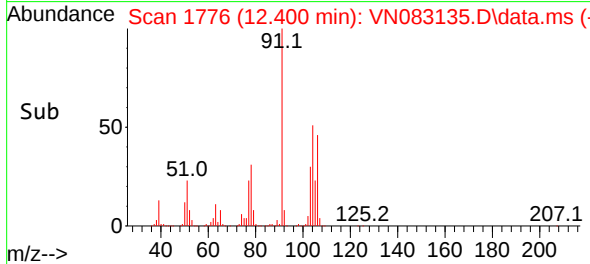
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 484673
Ion Ratio Lower Upper
106 100
91 218.1 111.3 333.9

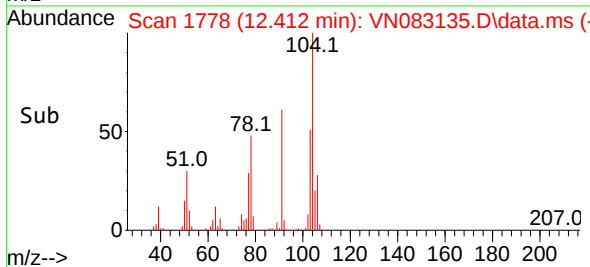
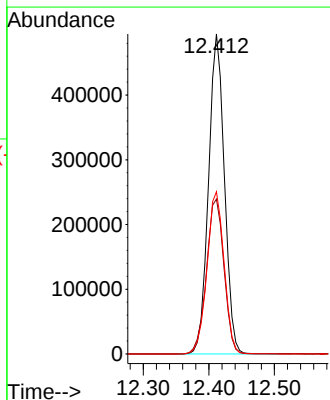
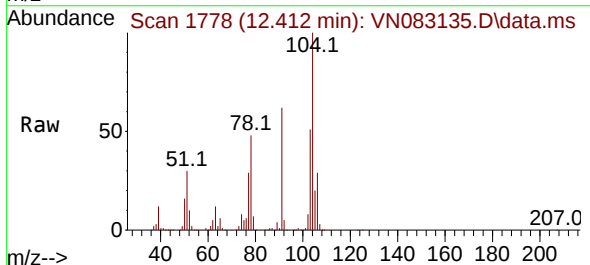
Manual Integrations
APPROVED

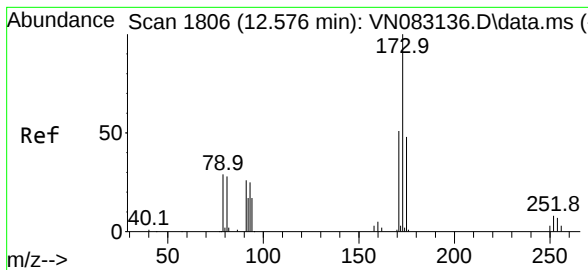
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#70
Styrene
Concen: 100.261 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

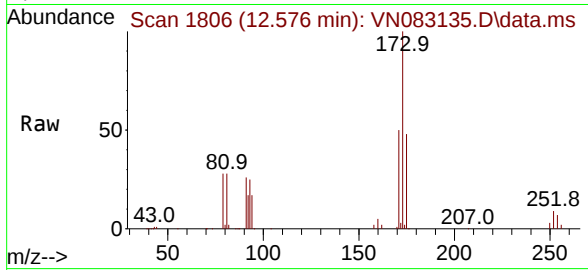
Tgt Ion:104 Resp: 831903
Ion Ratio Lower Upper
104 100
78 53.5 41.6 62.4
103 54.4 44.0 66.0





#71
Bromoform
Concen: 104.942 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

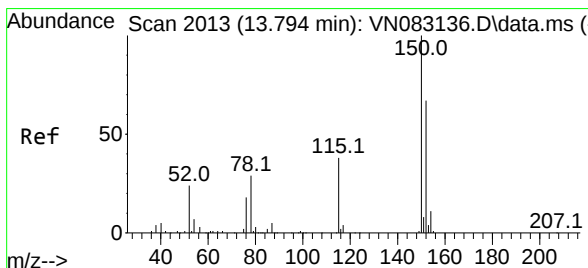
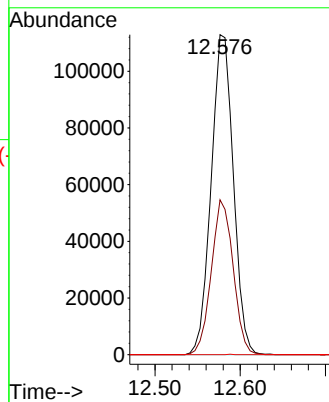
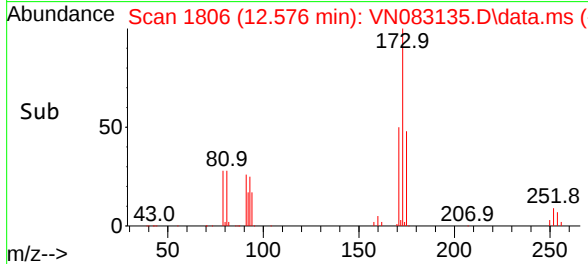
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



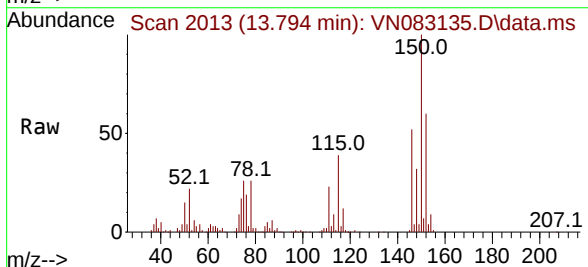
Tgt Ion:173 Resp: 204380
Ion Ratio Lower Upper
173 100
175 47.6 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

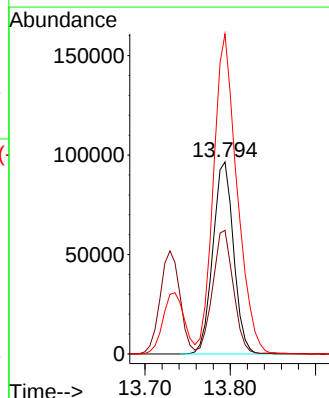
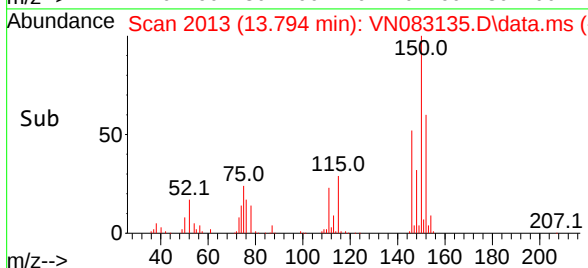
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

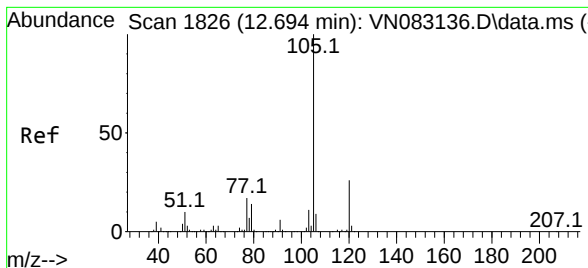


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



Tgt Ion:152 Resp: 162834
Ion Ratio Lower Upper
152 100
115 63.9 30.6 91.6
150 189.9 0.0 348.6





#73

Isopropylbenzene

Concen: 91.399 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 124484

Ion Ratio Lower Upper

105 100

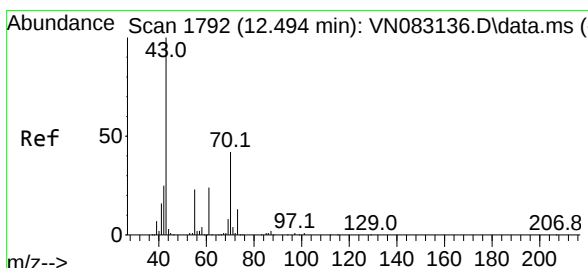
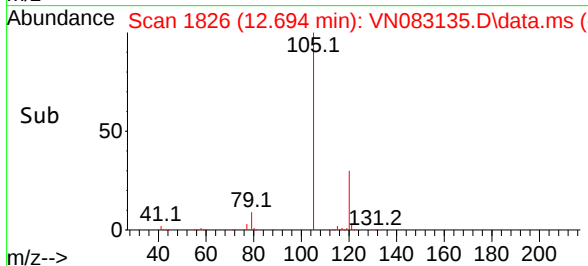
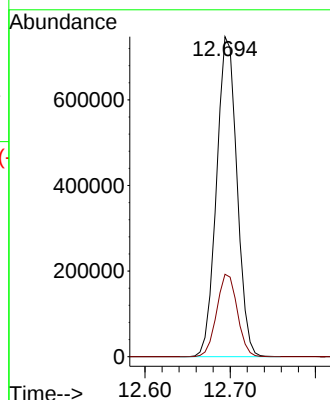
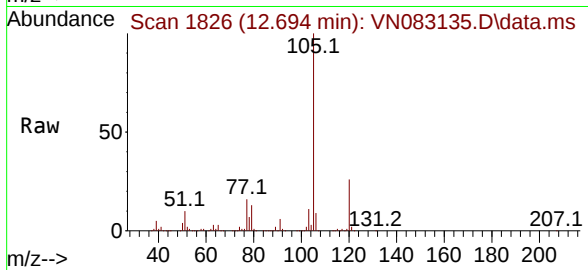
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#74

N-ethyl acetate

Concen: 89.282 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Tgt Ion: 43 Resp: 594797

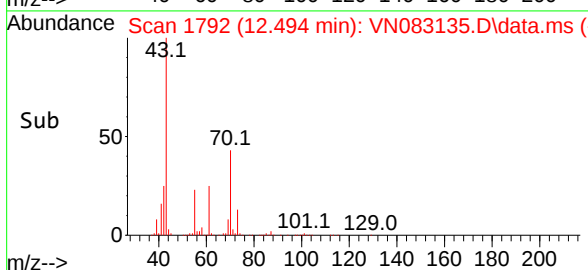
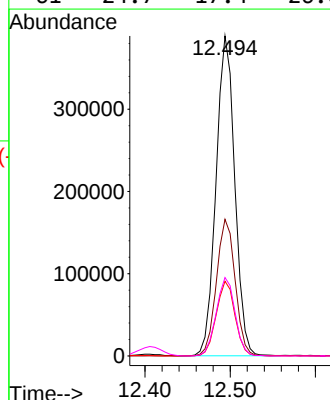
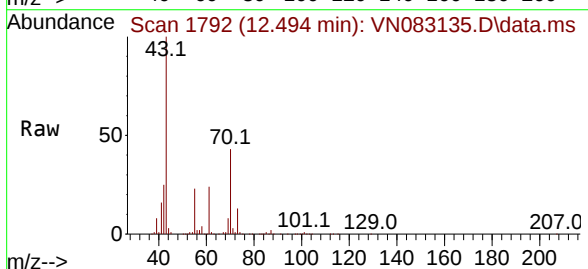
Ion Ratio Lower Upper

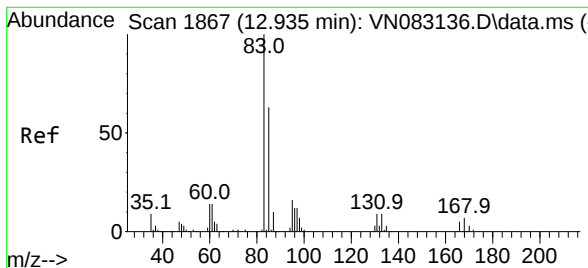
43 100

70 42.7 29.8 44.6

55 23.4 18.7 28.1

61 24.7 17.4 26.0





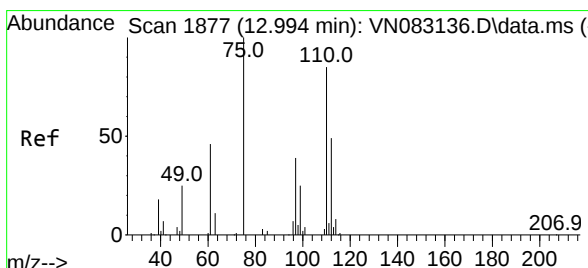
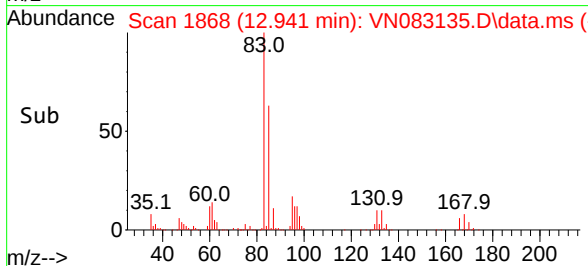
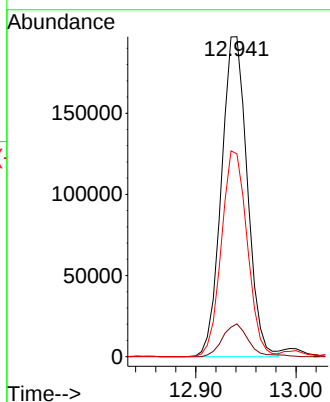
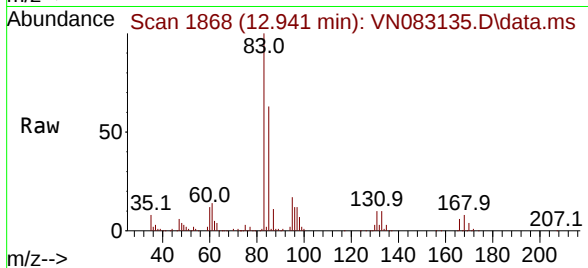
#75
1,1,2,2-Tetrachloroethane
Concen: 91.727 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 353340
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.2 31.9 95.7

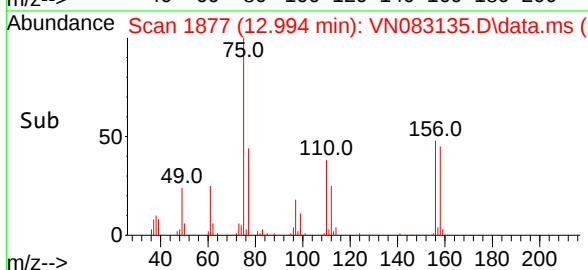
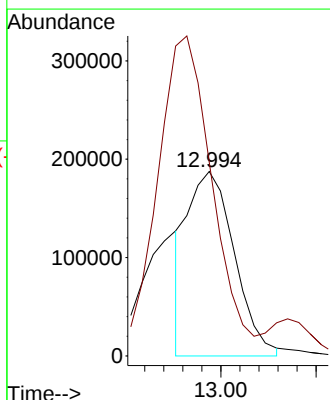
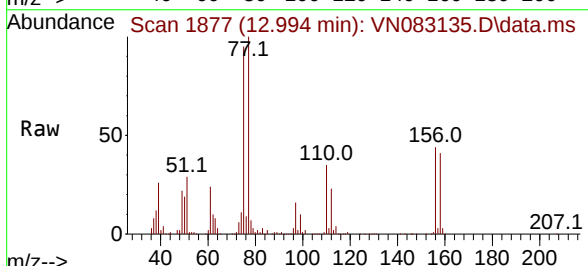
Manual Integrations
APPROVED

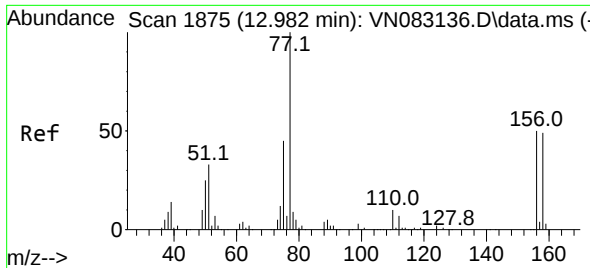
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#76
1,2,3-Trichloropropane
Concen: 89.478 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

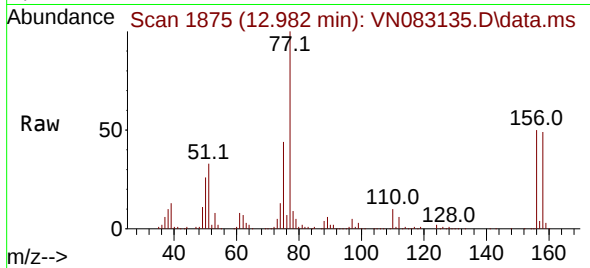
Tgt Ion: 75 Resp: 320302
Ion Ratio Lower Upper
75 100
77 203.7 110.9 332.6





#77
Bromobenzene
Concen: 93.431 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

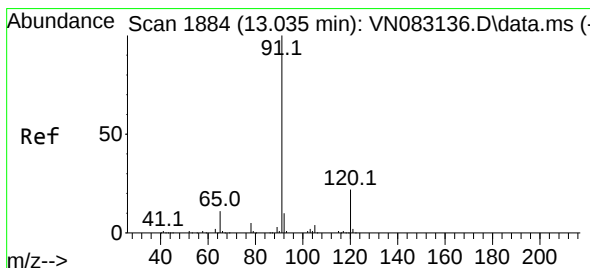
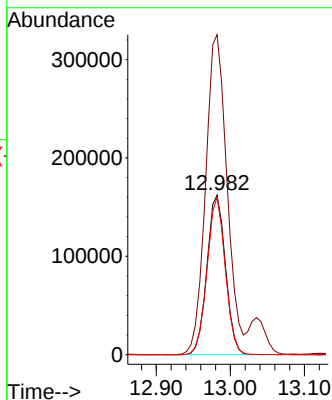
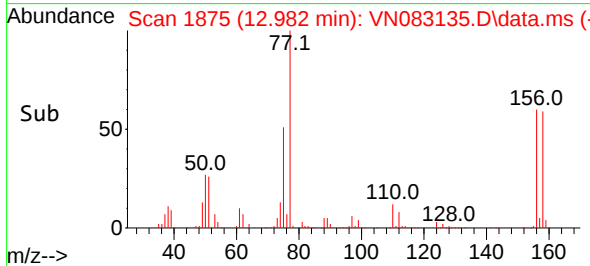
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:156 Resp: 282670
Ion Ratio Lower Upper
156 100
77 230.9 111.3 333.8
158 96.4 48.3 144.9

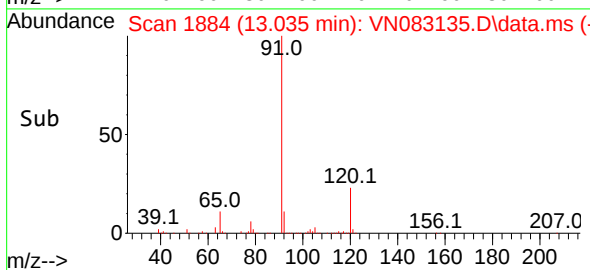
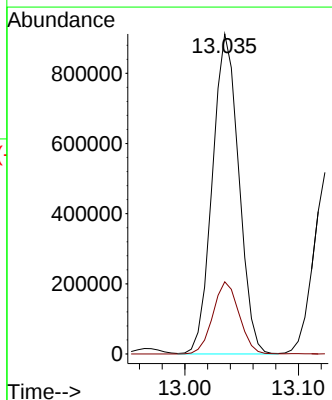
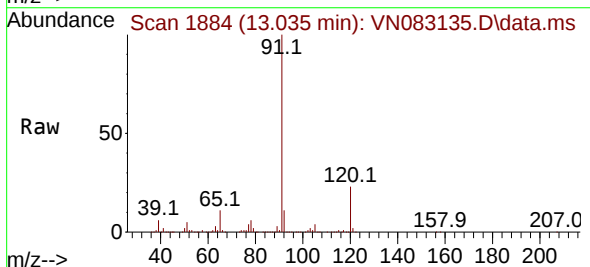
Manual Integrations
APPROVED

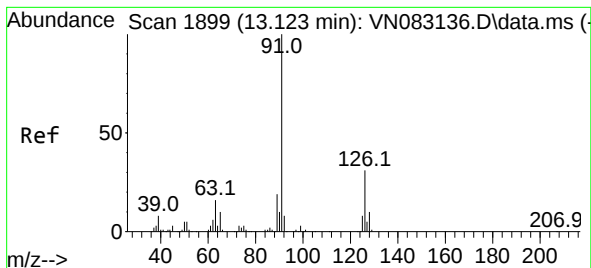
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#78
n-propylbenzene
Concen: 93.979 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

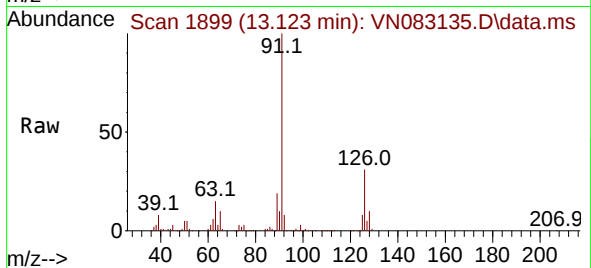
Tgt Ion: 91 Resp: 1473868
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79
2-Chlorotoluene
Concen: 91.785 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

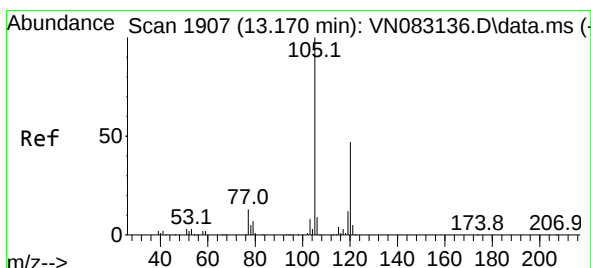
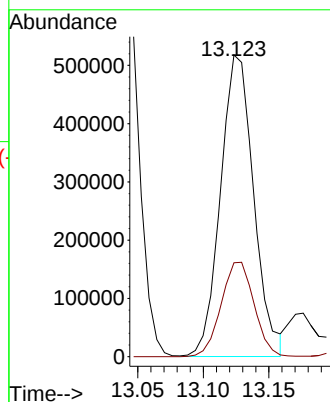
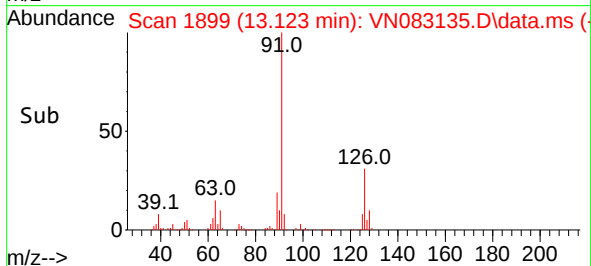
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



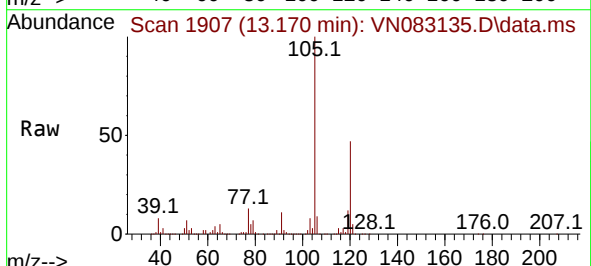
Tgt Ion: 91 Resp: 912618
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6

Manual Integrations
APPROVED

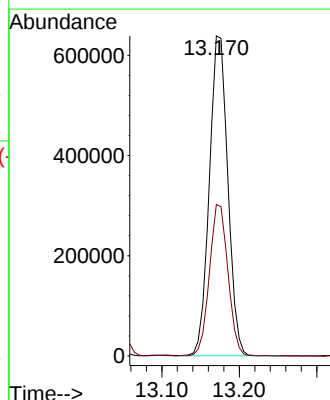
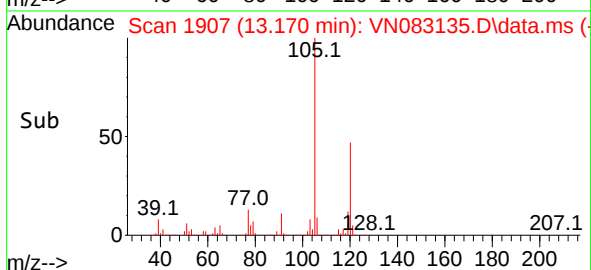
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

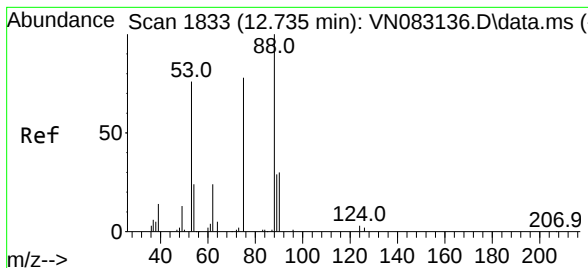


#80
1,3,5-Trimethylbenzene
Concen: 92.690 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



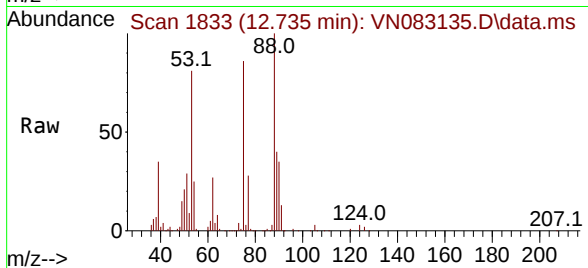
Tgt Ion:105 Resp: 1056912
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 100.628 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

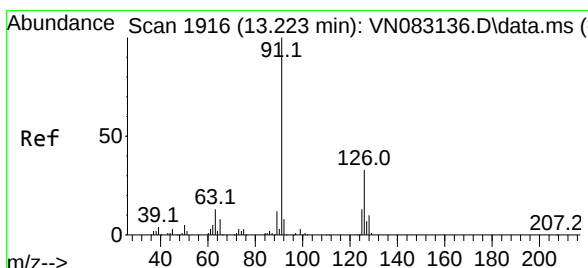
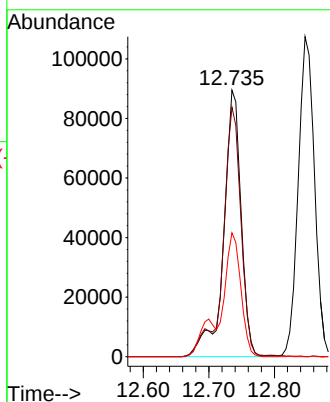
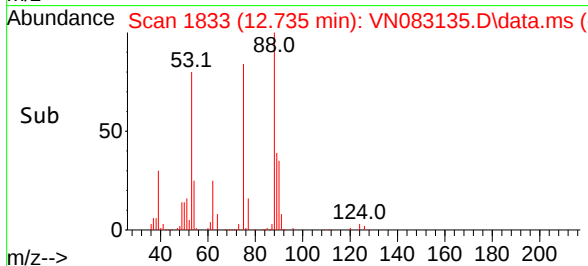
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 165320
Ion Ratio Lower Upper
75 100
53 96.5 88.4 132.6
89 41.9 36.3 54.5

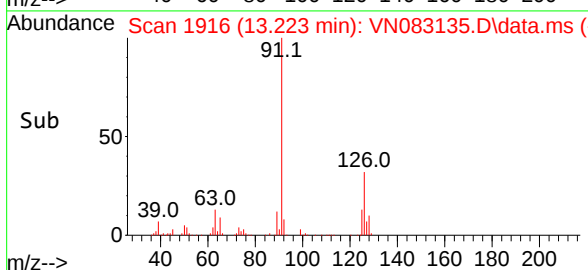
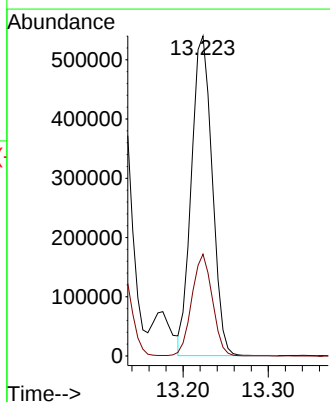
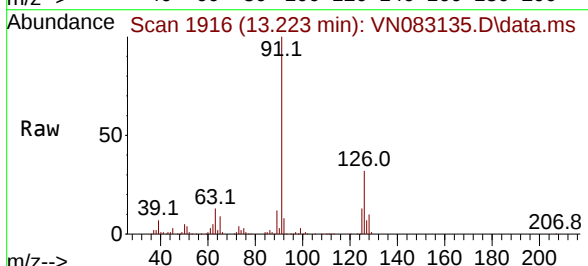
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024



#82
4-Chlorotoluene
Concen: 91.381 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

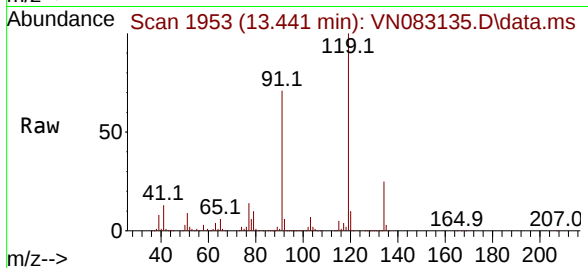
Tgt Ion: 91 Resp: 911384
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 91.918 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

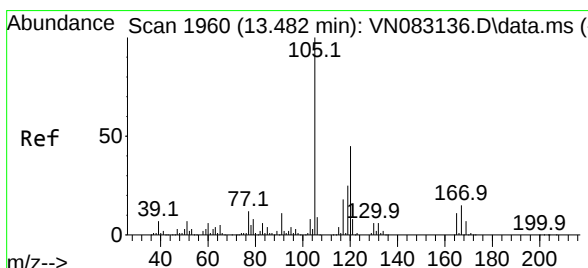
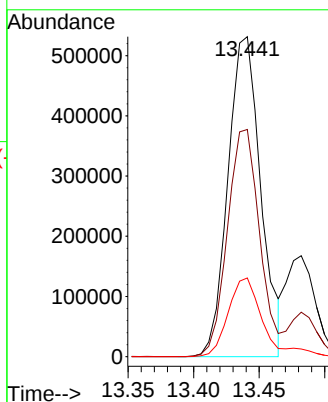
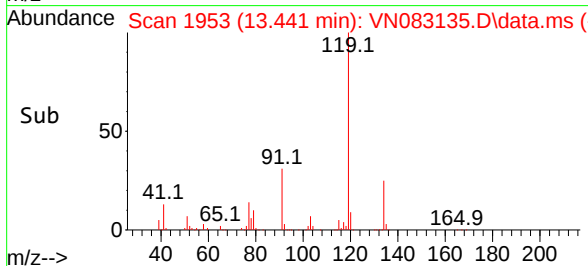
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



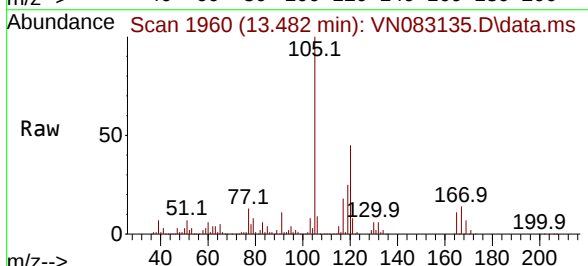
Tgt Ion:119 Resp: 92819
Ion Ratio Lower Upper
119 100
91 69.3 35.0 105.1
134 26.1 13.3 39.8

Manual Integrations
APPROVED

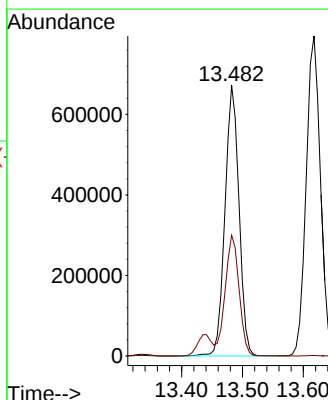
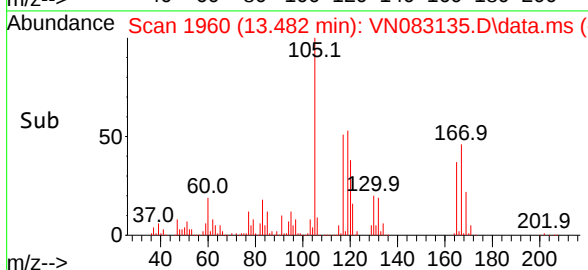
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

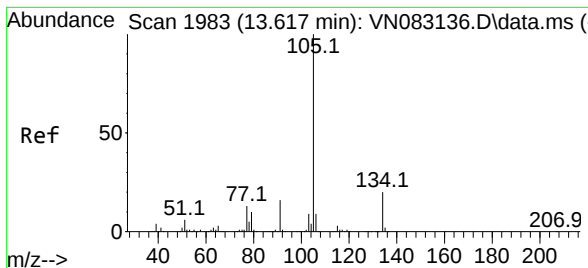


#84
1,2,4-Trimethylbenzene
Concen: 93.675 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



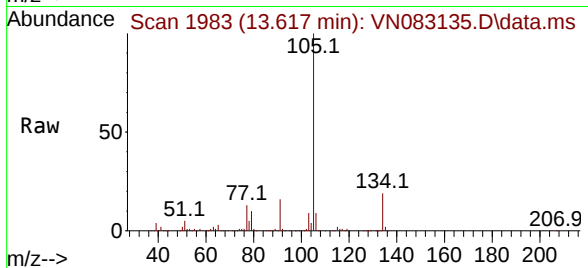
Tgt Ion:105 Resp: 1076449
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 93.978 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33

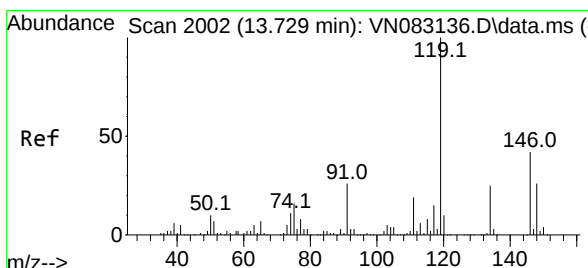
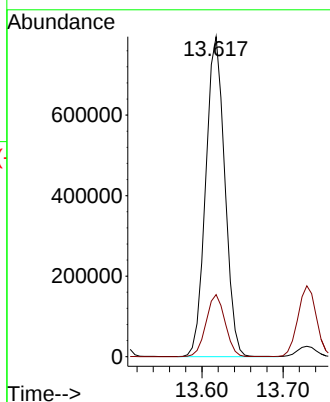
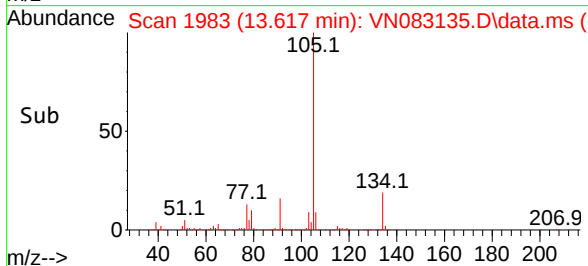
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



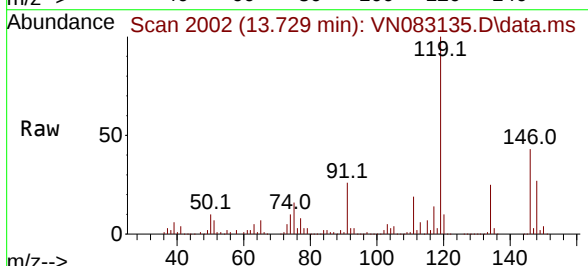
Tgt Ion:105 Resp: 1294900
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

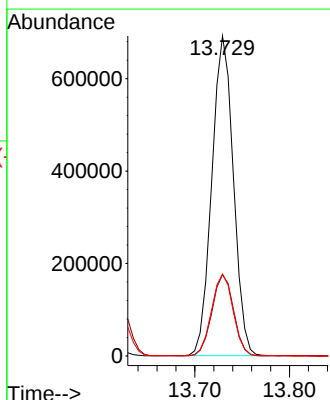
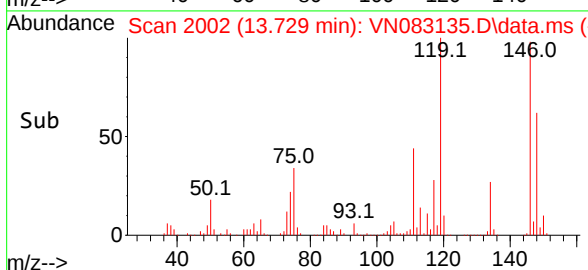
Reviewed By :John Carlone 08/08/2024
 Supervised By :Mahesh Dadoda 08/09/2024

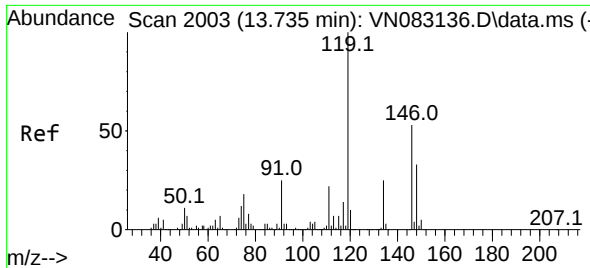


#86
 p-Isopropyltoluene
 Concen: 96.022 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33



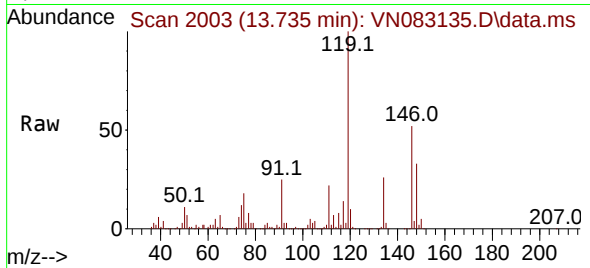
Tgt Ion:119 Resp: 1092439
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 25.5 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 94.009 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

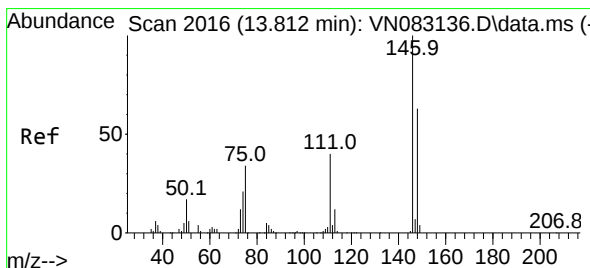
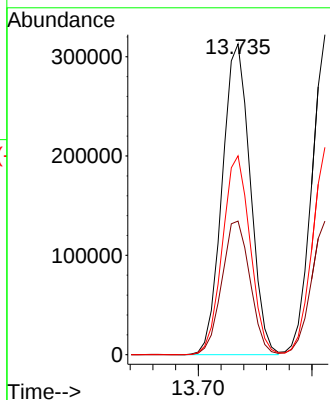
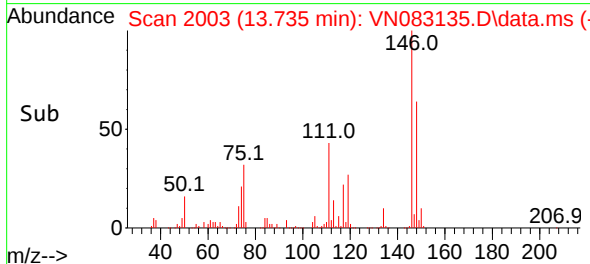
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



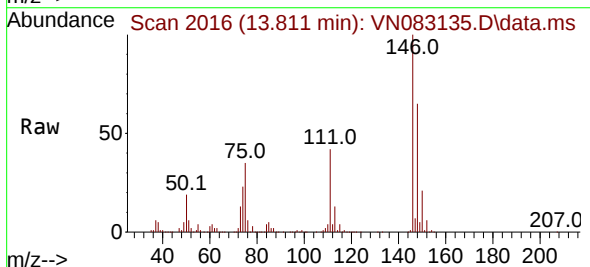
Tgt Ion:146 Resp: 53519
Ion Ratio Lower Upper
146 100
111 43.5 20.6 61.9
148 63.6 31.8 95.3

Manual Integrations
APPROVED

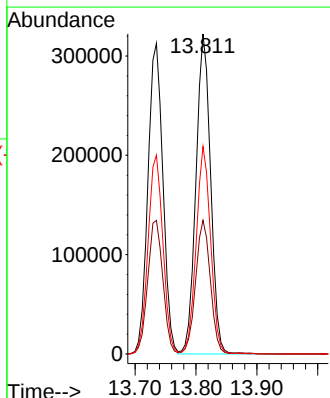
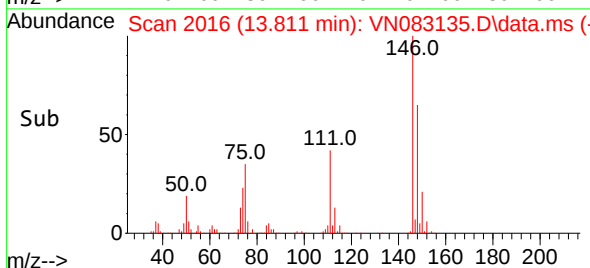
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

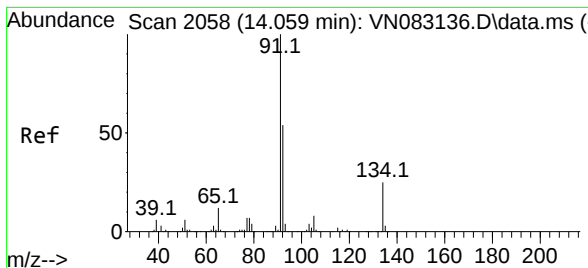


#88
1,4-Dichlorobenzene
Concen: 93.900 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



Tgt Ion:146 Resp: 538924
Ion Ratio Lower Upper
146 100
111 41.5 20.1 60.3
148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 99.461 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

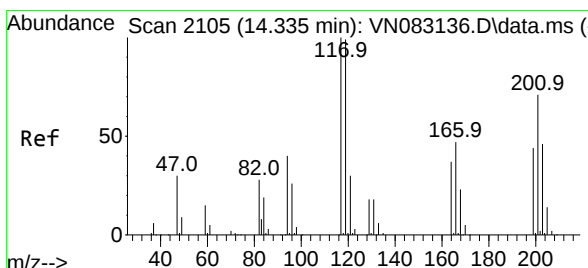
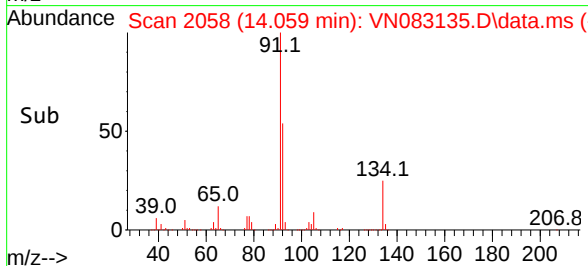
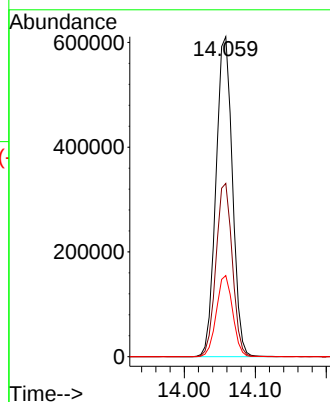
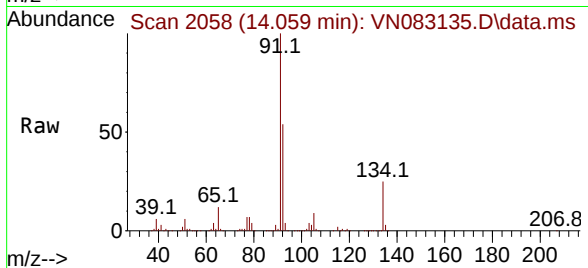
Tgt Ion:	91	Resp:	98048
Ion Ratio	Lower	Upper	
91	100		
92	53.8	26.1	78.3
134	25.2	12.1	36.3

Manual Integrations

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Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#90

Hexachloroethane

Concen: 96.320 ug/l

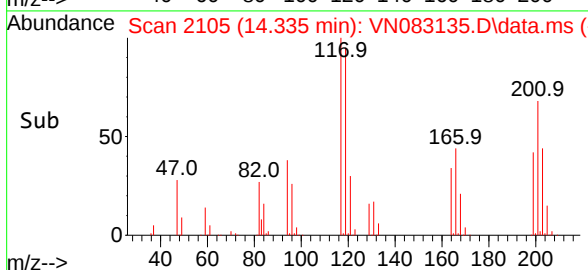
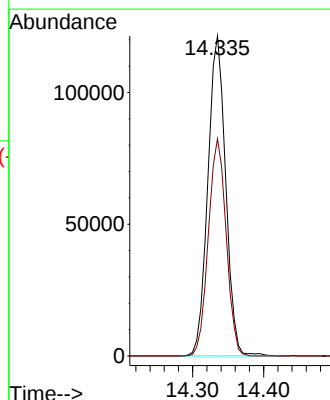
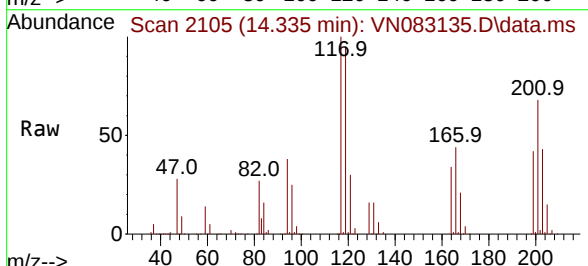
RT: 14.335 min Scan# 2105

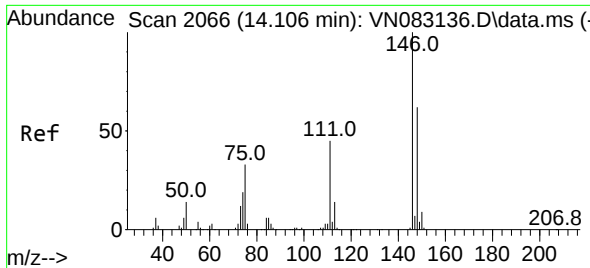
Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

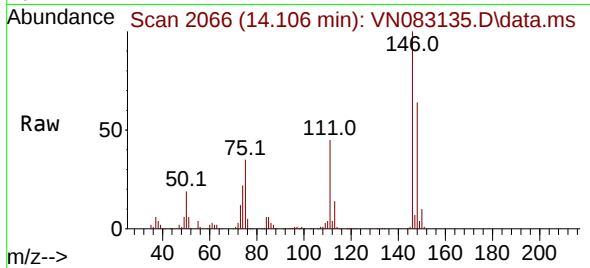
Tgt Ion:	117	Resp:	211710
Ion Ratio	Lower	Upper	
117	100		
201	67.7	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 92.863 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33

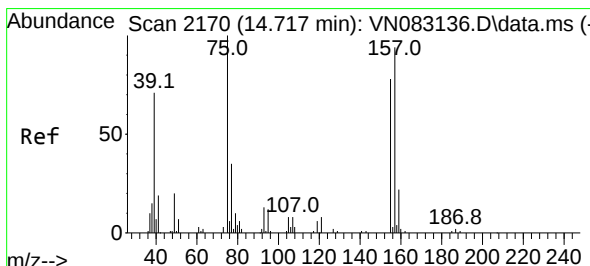
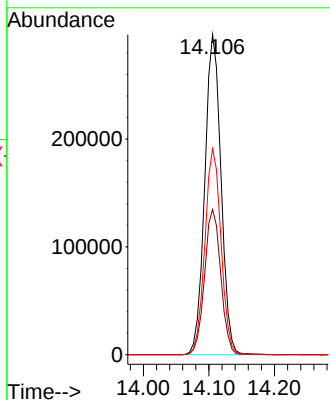
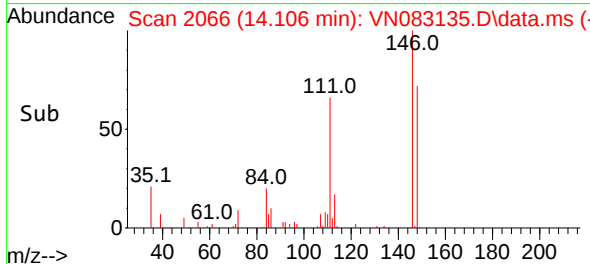
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



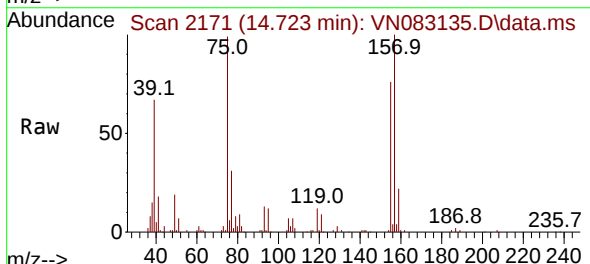
Tgt Ion:146 Resp: 511584
Ion Ratio Lower Upper
146 100
111 45.4 21.4 64.2
148 63.9 32.1 96.5

Manual Integrations
APPROVED

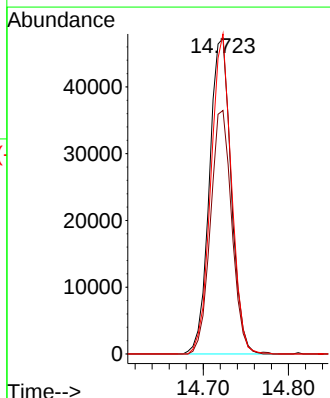
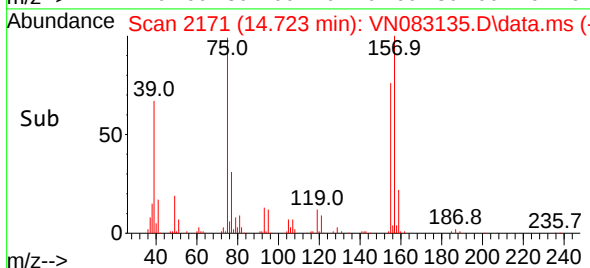
Reviewed By :John Carlone 08/08/2024
Supervised By :Mahesh Dadoda 08/09/2024

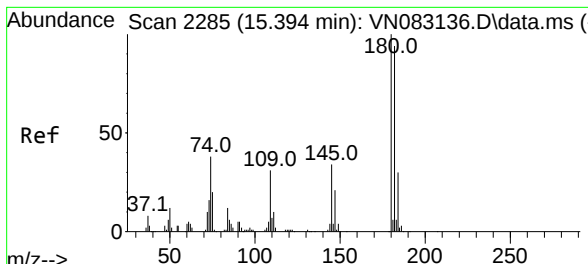


#92
1,2-Dibromo-3-Chloropropane
Concen: 89.788 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083135.D
Acq: 07 Aug 2024 10:33



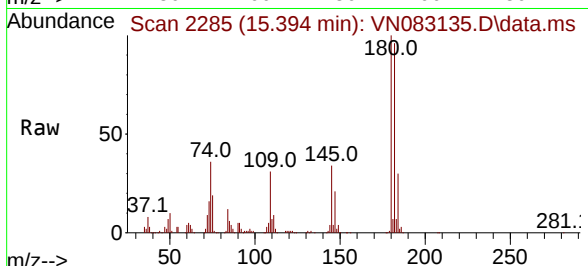
Tgt Ion: 75 Resp: 83930
Ion Ratio Lower Upper
75 100
155 75.2 36.6 109.8
157 95.1 46.9 140.6





#93
 1,2,4-Trichlorobenzene
 Concen: 96.456 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33

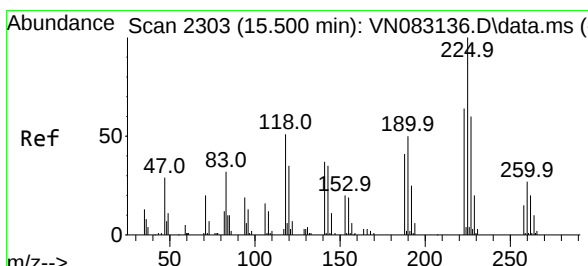
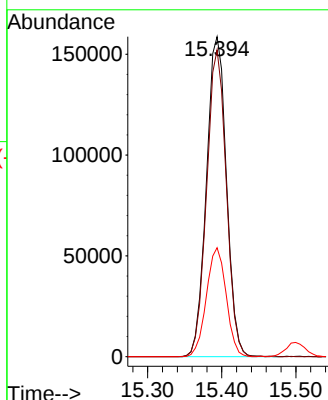
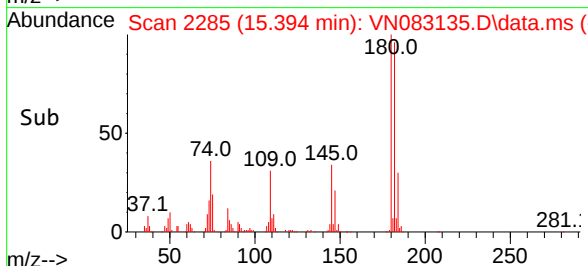
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



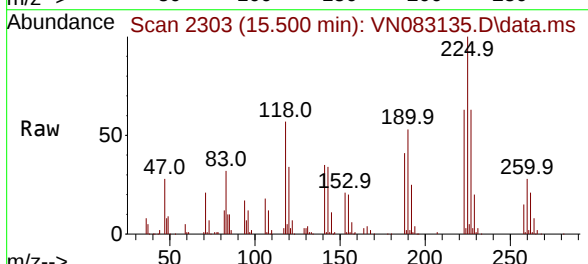
Tgt Ion:180 Resp: 297699
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 141.8
 145 33.6 15.7 47.1

Manual Integrations
 APPROVED

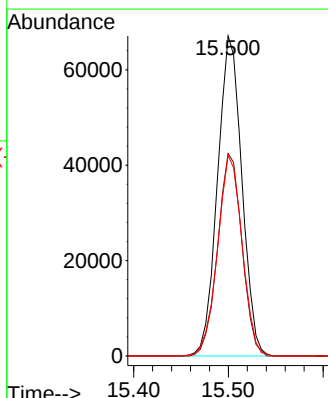
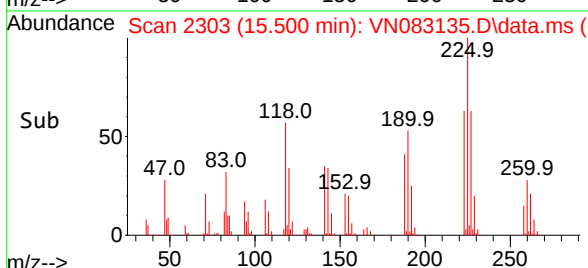
Reviewed By :John Carlone 08/08/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#94
 Hexachlorobutadiene
 Concen: 87.268 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN083135.D
 Acq: 07 Aug 2024 10:33



Tgt Ion:225 Resp: 119783
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 63.3 32.5 97.5





#95

Naphthalene

Concen: 95.391 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 1042864

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

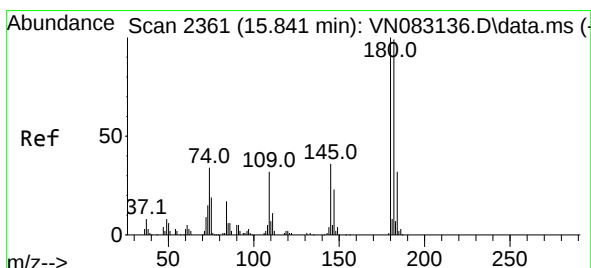
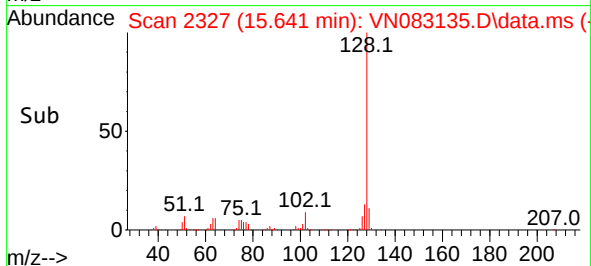
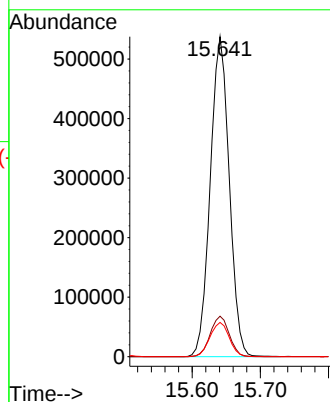
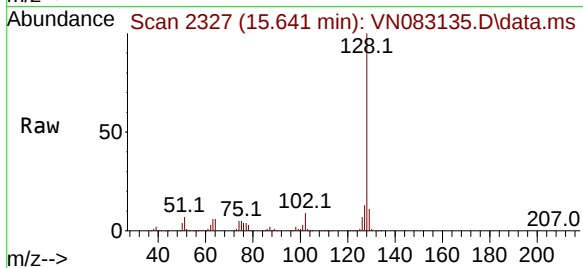
129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2024

Supervised By :Mahesh Dadoda 08/09/2024



#96

1,2,3-Trichlorobenzene

Concen: 93.575 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083135.D

Acq: 07 Aug 2024 10:33

Tgt Ion:180 Resp: 285769

Ion Ratio Lower Upper

180 100

182 95.1 48.9 146.8

145 36.0 16.8 50.4

