

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082067.D
 Acq On : 10 May 2024 14:10
 Operator : JC\MD
 Sample : VN0510WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

Quant Time: May 10 23:21:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	128961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	236177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117339	53.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.820%
35) Dibromofluoromethane	8.165	113	81701	49.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	10.565	98	330277	51.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.847	95	110788	43.342	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32000	17.677	ug/l	89
3) Chloromethane	2.359	50	40790	21.599	ug/l	97
4) Vinyl Chloride	2.512	62	36063	21.095	ug/l	96
5) Bromomethane	2.959	94	20319	25.418	ug/l	94
6) Chloroethane	3.118	64	23336	27.008	ug/l	92
7) Trichlorofluoromethane	3.495	101	47361	17.909	ug/l	94
8) Diethyl Ether	3.953	74	25186	22.420	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	31809	20.718	ug/l	90
10) Methyl Iodide	4.589	142	26904	20.007	ug/l	88
11) Tert butyl alcohol	5.518	59	43189	109.154	ug/l	99
12) 1,1-Dichloroethene	4.342	96	32388	20.736	ug/l	97
13) Acrolein	4.171	56	31431	97.360	ug/l	97
14) Allyl chloride	5.018	41	60156	18.207	ug/l #	89
15) Acrylonitrile	5.718	53	113176	119.119	ug/l	98
16) Acetone	4.424	43	80717	122.625	ug/l	97
17) Carbon Disulfide	4.712	76	78247	16.667	ug/l	95
18) Methyl Acetate	5.018	43	59762	27.108	ug/l	91
19) Methyl tert-butyl Ether	5.795	73	124901	21.192	ug/l #	88
20) Methylene Chloride	5.277	84	39647	21.256	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	33753	19.819	ug/l	86
22) Diisopropyl ether	6.671	45	143937	22.514	ug/l #	88
23) Vinyl Acetate	6.600	43	562274	108.241	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	73140	21.980	ug/l	98
25) 2-Butanone	7.483	43	147664	119.533	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	57478	18.777	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	42981	21.598	ug/l	88
28) Bromochloromethane	7.812	49	40794	25.794	ug/l #	76
29) Tetrahydrofuran	7.836	42	98595	111.297	ug/l	91
30) Chloroform	7.965	83	69457	21.058	ug/l	95
31) Cyclohexane	8.259	56	65763	20.057	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	53793	18.288	ug/l	95
36) 1,1-Dichloropropene	8.371	75	47062	17.570	ug/l	94
37) Ethyl Acetate	7.559	43	58852	20.321	ug/l	99
38) Carbon Tetrachloride	8.365	117	43963	16.793	ug/l	96
39) Methylcyclohexane	9.600	83	54319	16.698	ug/l #	86
40) Benzene	8.606	78	159475	19.833	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36531	19.769	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	53982	18.079	ug/l	99
43) Isopropyl Acetate	8.688	43	121657	22.341	ug/l #	89
44) Trichloroethene	9.353	130	30044	16.206	ug/l	75
45) 1,2-Dichloropropane	9.624	63	43833	20.830	ug/l	99
46) Dibromomethane	9.706	93	26952	18.530	ug/l #	87
47) Bromodichloromethane	9.888	83	53921	17.579	ug/l #	97
48) Methyl methacrylate	9.677	41	51783	19.920	ug/l #	85
49) 1,4-Dioxane	9.694	88	17005	430.386	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	331501	108.140	ug/l	93
52) Toluene	10.635	92	95705	19.875	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	60379	18.090	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	65674	19.092	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	37957	20.043	ug/l	99
56) Ethyl methacrylate	10.877	69	69152	19.176	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	67846	20.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	159346	96.999	ug/l #	88
59) 2-Hexanone	11.194	43	242428	106.266	ug/l	95
60) Dibromochloromethane	11.359	129	36437	18.166	ug/l	98
61) 1,2-Dibromoethane	11.476	107	35085	19.373	ug/l	100
64) Tetrachloroethene	11.106	164	26444	15.416	ug/l #	82
65) Chlorobenzene	11.894	112	97905	18.983	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	32659	19.484	ug/l	93
67) Ethyl Benzene	11.965	91	176611	18.413	ug/l	93
68) m/p-Xylenes	12.071	106	127252	37.194	ug/l	93
69) o-Xylene	12.400	106	65442	19.592	ug/l	95
70) Styrene	12.412	104	107317	18.572	ug/l	96
71) Bromoform	12.576	173	20423	15.498	ug/l #	100
73) Isopropylbenzene	12.700	105	160129	18.847	ug/l	98
74) N-amyl acetate	12.494	43	92744	19.607	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	55273	21.664	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	50913m	20.549	ug/l	
77) Bromobenzene	12.982	156	32511	18.286	ug/l	61
78) n-propylbenzene	13.035	91	193679	18.767	ug/l	96
79) 2-Chlorotoluene	13.123	91	117013	17.821	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	130251	18.117	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	21031	17.394	ug/l	89
82) 4-Chlorotoluene	13.223	91	116634	18.297	ug/l	94
83) tert-Butylbenzene	13.441	119	107827	18.010	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	132470	18.451	ug/l	96
85) sec-Butylbenzene	13.618	105	160518	19.033	ug/l	95
86) p-Isopropyltoluene	13.729	119	123507	18.239	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	62121	18.726	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	61784	18.913	ug/l	95
89) n-Butylbenzene	14.059	91	119189	18.910	ug/l	96
90) Hexachloroethane	14.329	117	23030	17.289	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	59863	18.824	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10525	16.944	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	30542	17.167	ug/l	98
94) Hexachlorobutadiene	15.506	225	10941	16.684	ug/l	96
95) Naphthalene	15.647	128	119536	17.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	29836	17.467	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

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

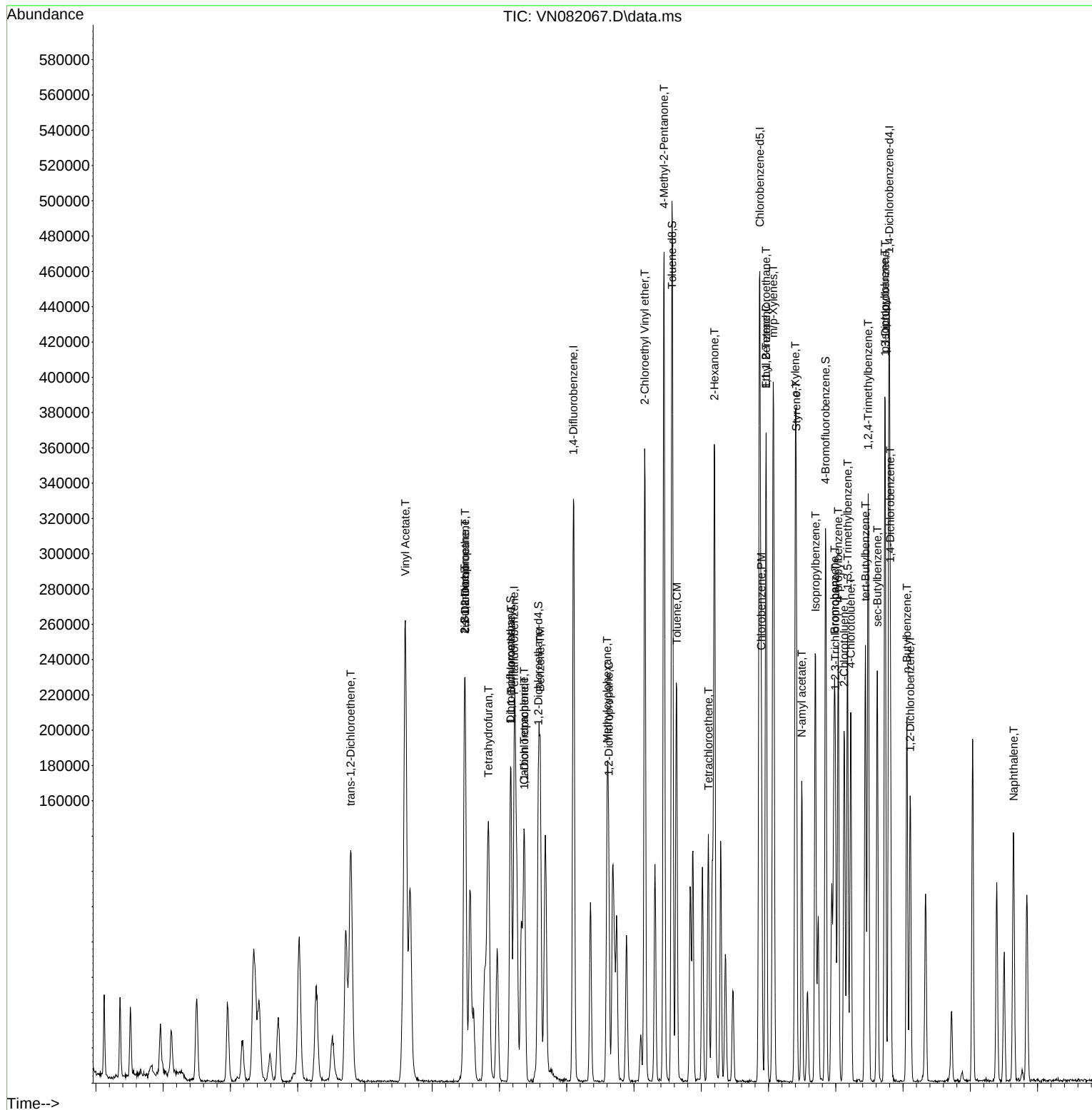
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082067.D
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Operator : JC\MD
Sample : VN0510WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

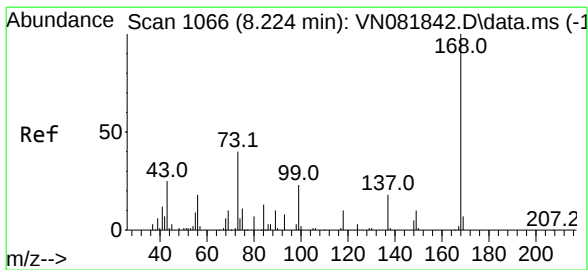
Instrument :
MSVOA_N
ClientSampleId :
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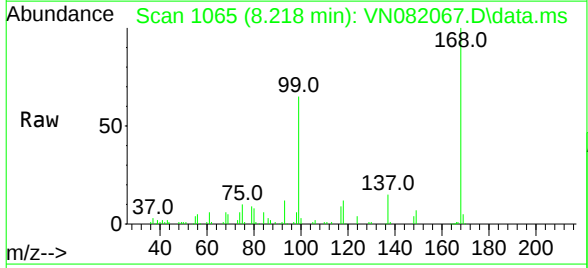
Quant Time: May 10 23:21:13 2024
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

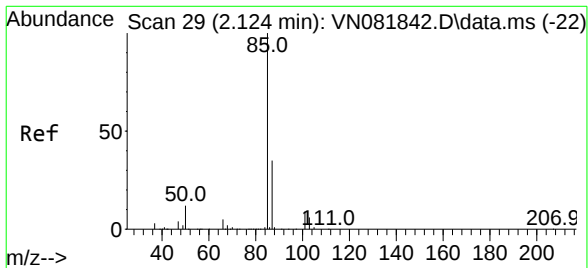
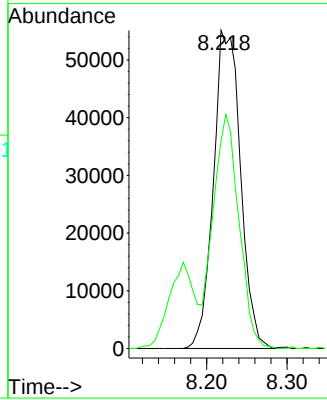
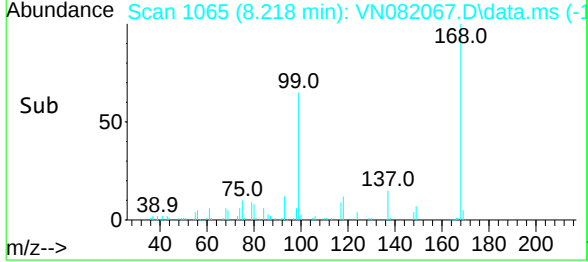
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion:168 Resp: 128961
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4

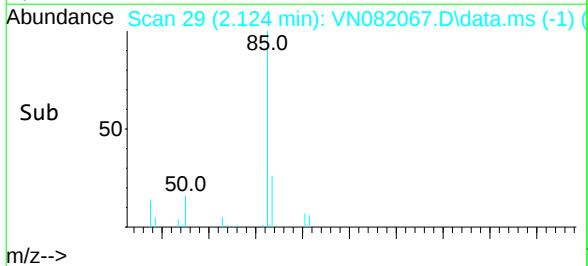
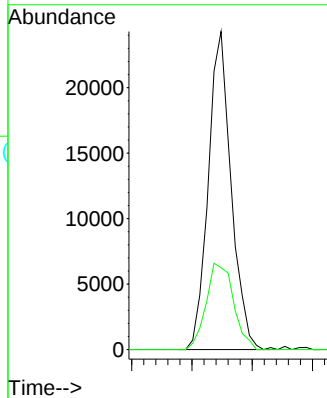
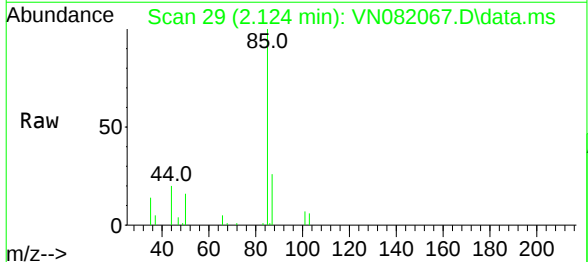
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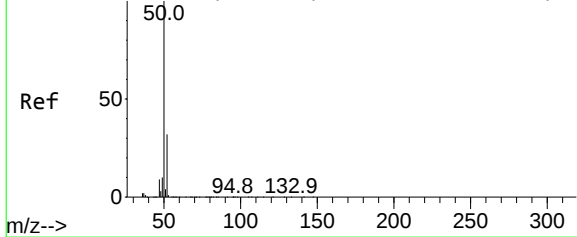


#2
Dichlorodifluoromethane
Concen: 17.677 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 85 Resp: 32000
Ion Ratio Lower Upper
85 100
87 25.8 15.8 47.4



Abundance Scan 69 (2.359 min): VN081842.D\data.ms (-62)



#3

Chloromethane

Concen: 21.599 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion: 50 Resp: 40790

Ion Ratio Lower Upper

50 100

52 33.5 25.5 38.3

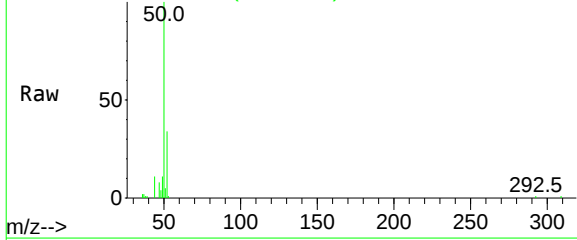
Manual Integrations

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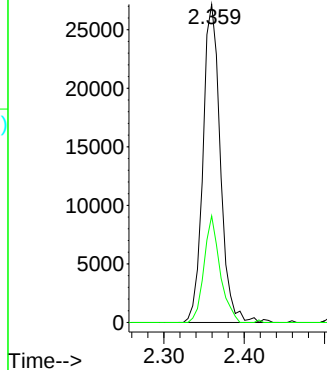
Reviewed By :John Carlone 05/13/2024

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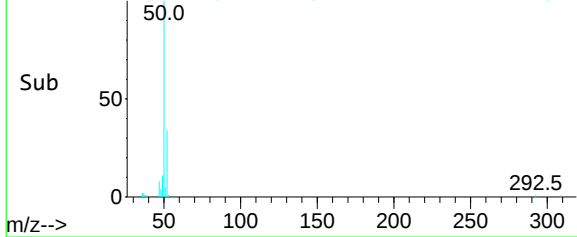
Abundance Scan 69 (2.359 min): VN082067.D\data.ms



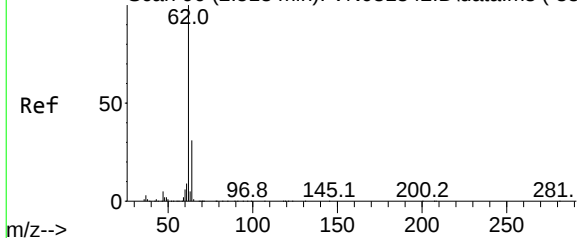
Abundance



Abundance Scan 69 (2.359 min): VN082067.D\data.ms (-18)



Abundance Scan 96 (2.518 min): VN081842.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 21.095 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

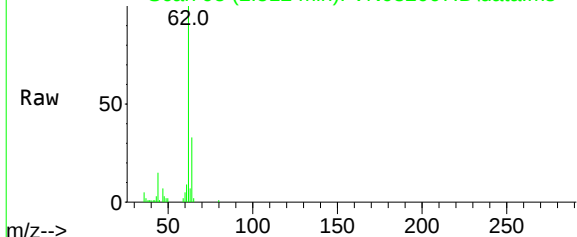
Tgt Ion: 62 Resp: 36063

Ion Ratio Lower Upper

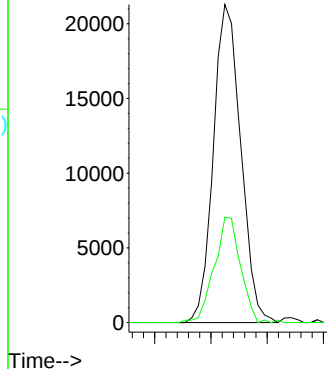
62 100

64 33.1 24.6 37.0

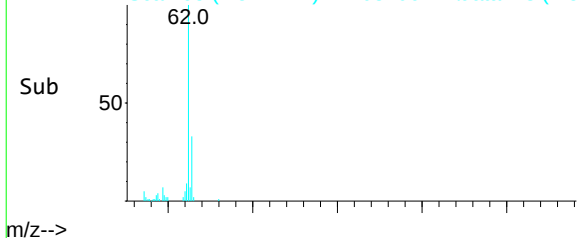
Abundance Scan 95 (2.512 min): VN082067.D\data.ms

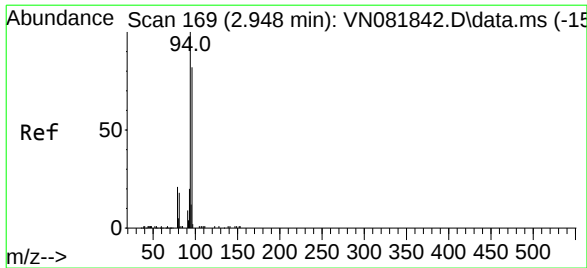


Abundance



Abundance Scan 95 (2.512 min): VN082067.D\data.ms (-45)





#5

Bromomethane

Concen: 25.418 ug/l

RT: 2.959 min Scan# 171

Delta R.T. 0.011 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

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VN0510WBSD01

Tgt Ion: 94 Resp: 20319

Ion Ratio Lower Upper

94 100

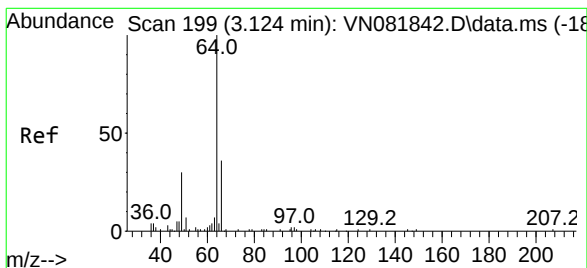
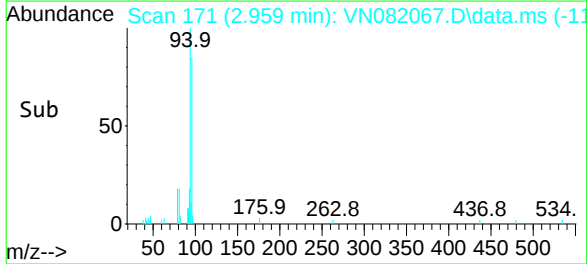
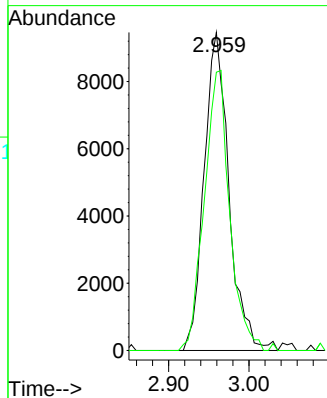
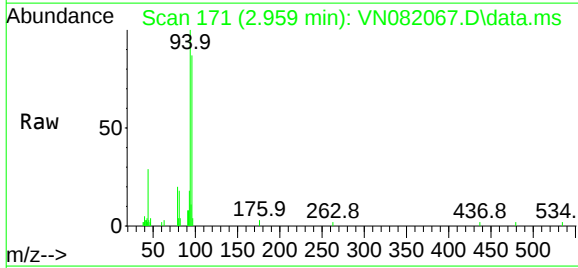
96 87.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 27.008 ug/l

RT: 3.118 min Scan# 198

Delta R.T. -0.006 min

Lab File: VN082067.D

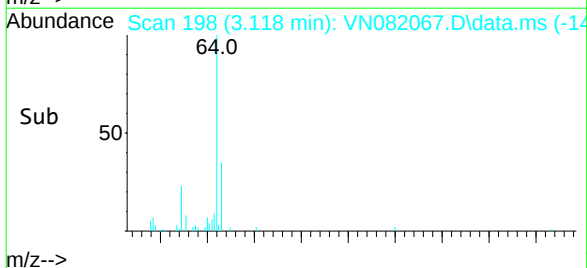
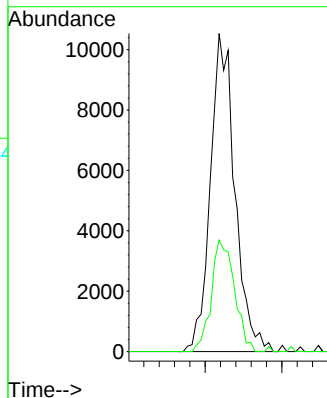
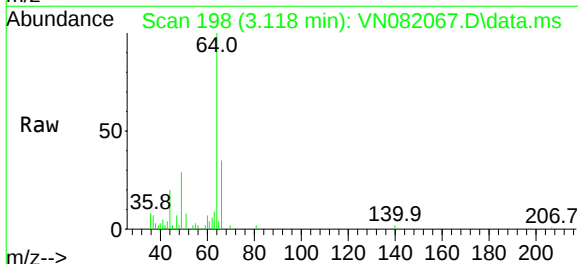
Acq: 10 May 2024 14:10

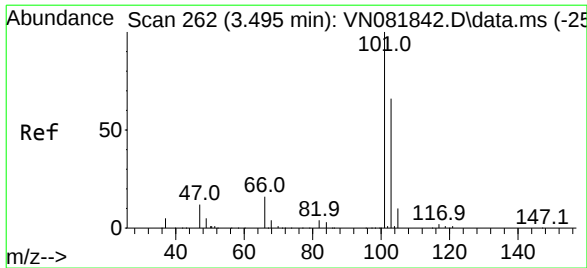
Tgt Ion: 64 Resp: 23336

Ion Ratio Lower Upper

64 100

66 35.1 24.7 37.1





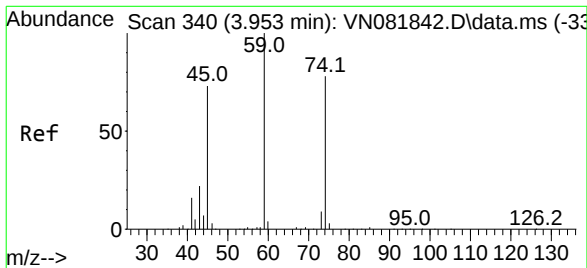
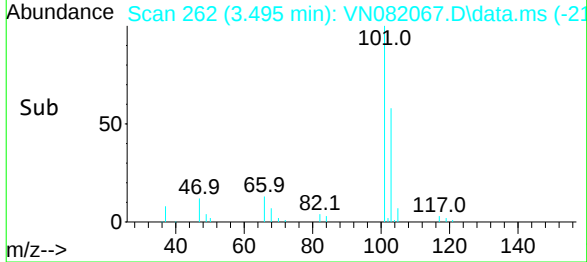
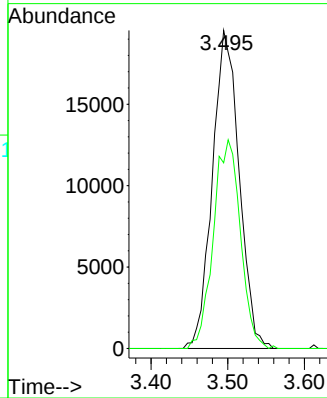
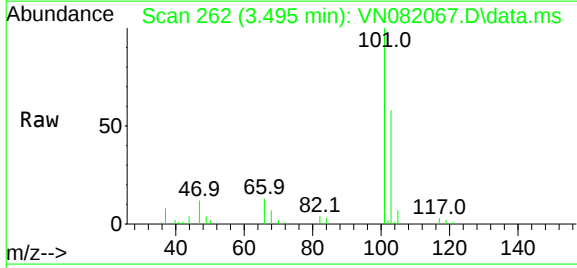
#7
 Trichlorofluoromethane
 Concen: 17.909 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

Instrument :
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Tgt Ion:101 Resp: 47361
 Ion Ratio Lower Upper
 101 100
 103 58.4 50.6 75.8

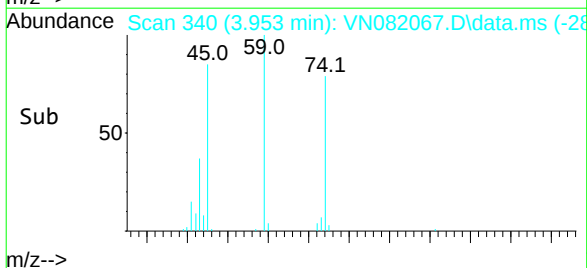
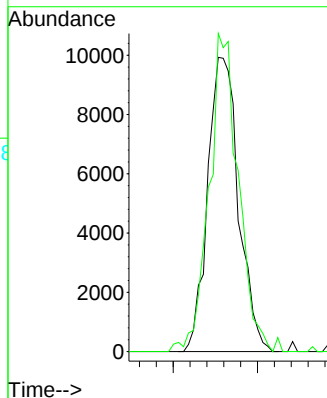
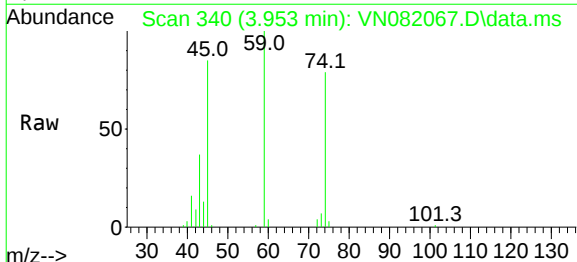
Manual Integrations
 APPROVED

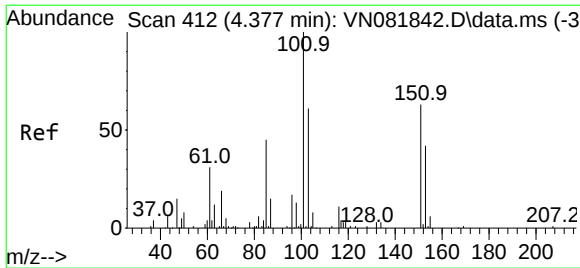
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#8
 Diethyl Ether
 Concen: 22.420 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

Tgt Ion: 74 Resp: 25186
 Ion Ratio Lower Upper
 74 100
 45 102.6 42.4 127.3





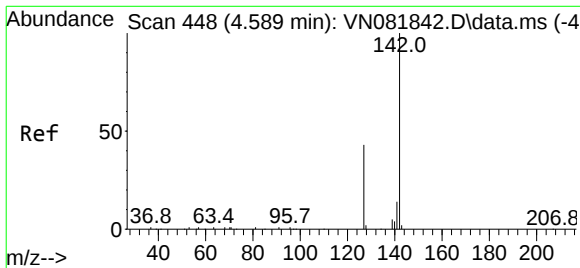
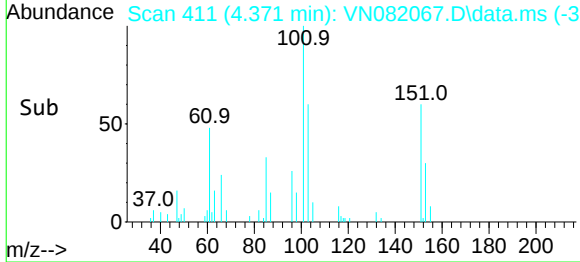
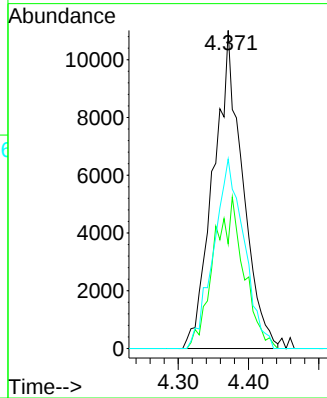
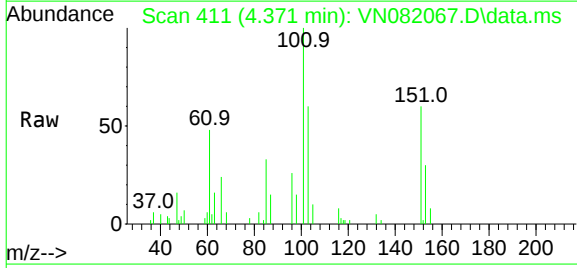
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.718 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion:101 Resp: 31809
Ion Ratio Lower Upper
101 100
85 49.1 37.3 55.9
151 62.0 59.2 88.8

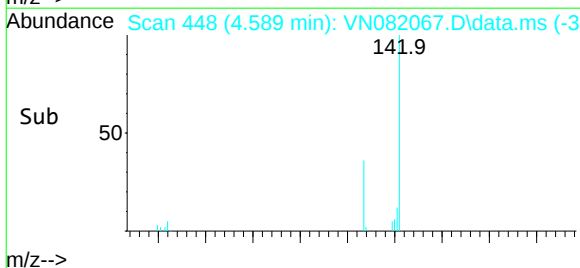
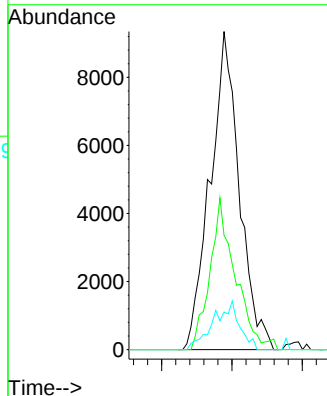
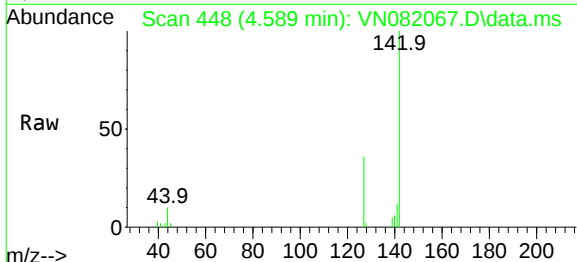
Manual Integrations
APPROVED

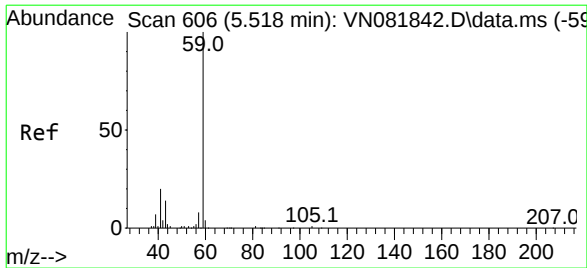
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#10
Methyl Iodide
Concen: 20.007 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:142 Resp: 26904
Ion Ratio Lower Upper
142 100
127 35.9 35.8 53.6
141 11.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 109.154 ug/l

RT: 5.518 min Scan# 606

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion: 59 Resp: 43189

Ion Ratio Lower Upper

59 100

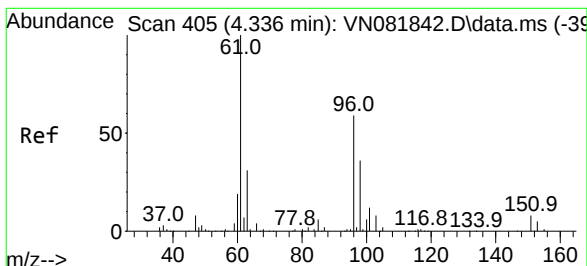
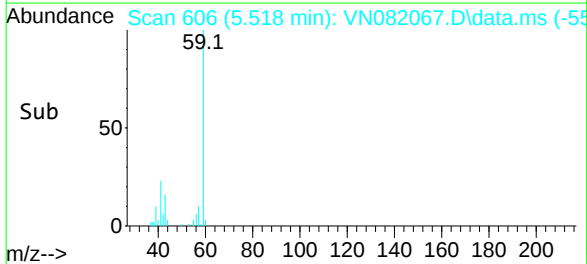
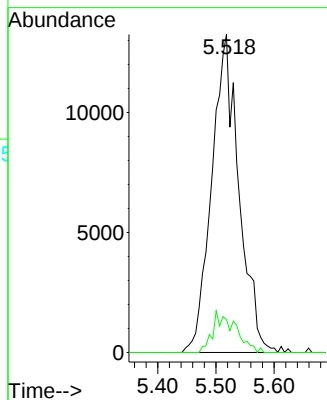
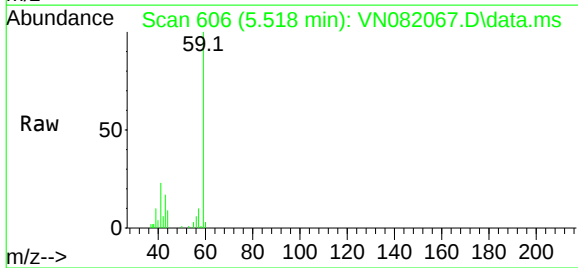
57 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#12

1,1-Dichloroethene

Concen: 20.736 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

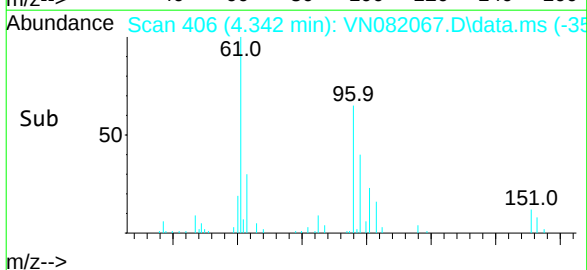
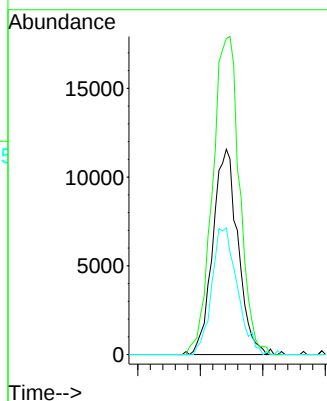
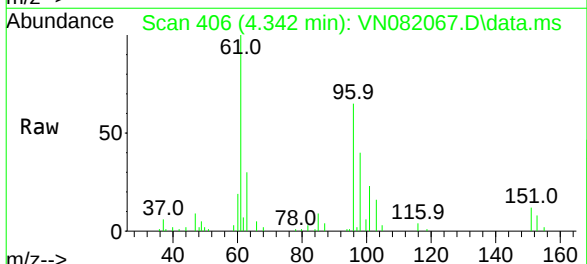
Tgt Ion: 96 Resp: 32388

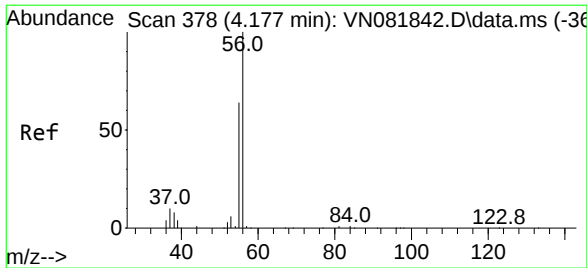
Ion Ratio Lower Upper

96 100

61 153.9 119.7 179.5

98 61.7 49.6 74.4





#13

Acrolein

Concen: 97.360 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion: 56 Resp: 31431

Ion Ratio Lower Upper

56 100

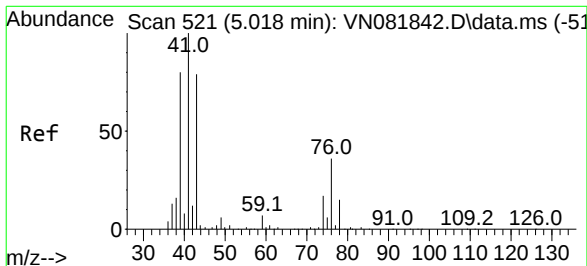
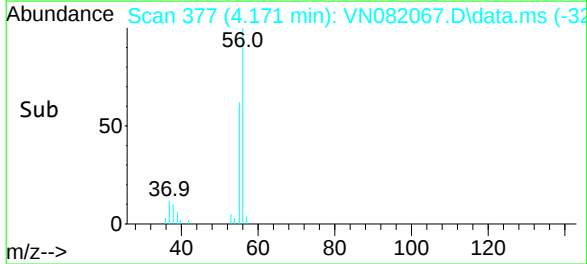
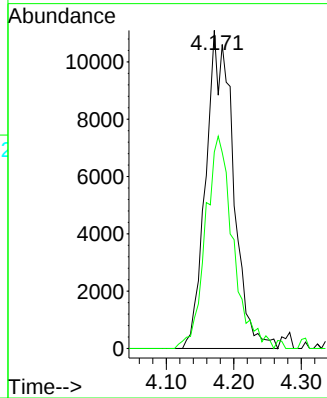
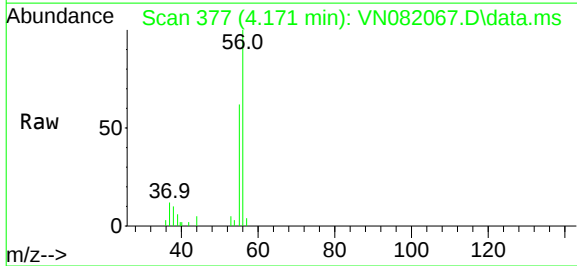
55 67.1 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#14

Allyl chloride

Concen: 18.207 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

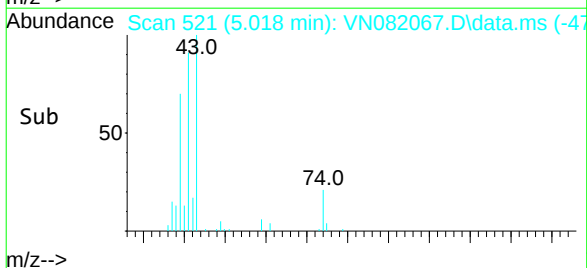
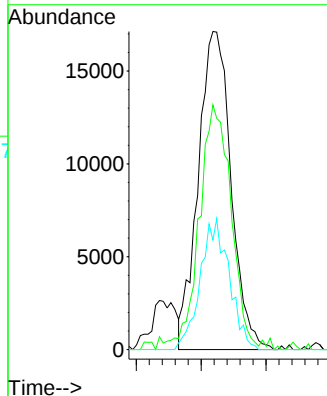
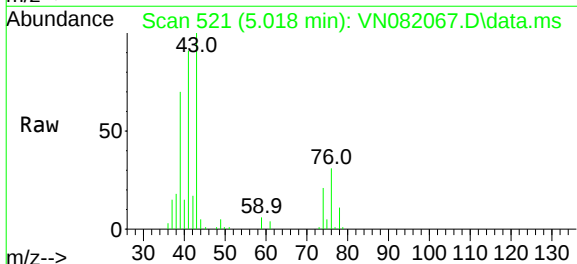
Tgt Ion: 41 Resp: 60156

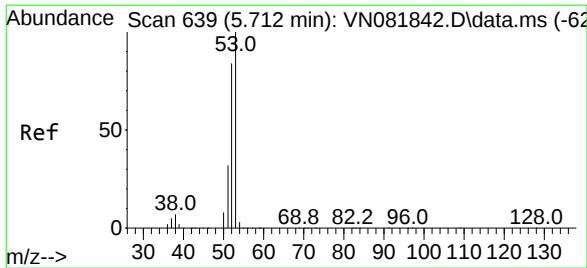
Ion Ratio Lower Upper

41 100

39 74.9 65.4 98.0

76 36.2 37.3 55.9#





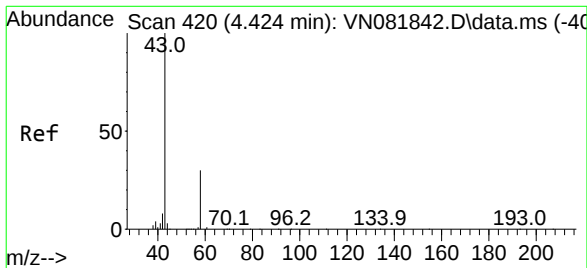
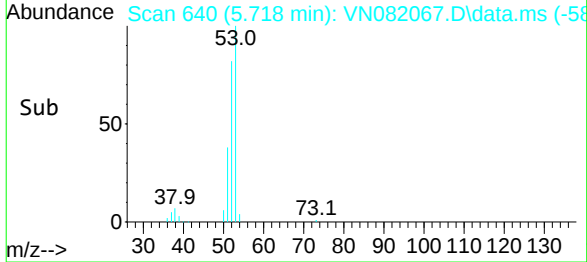
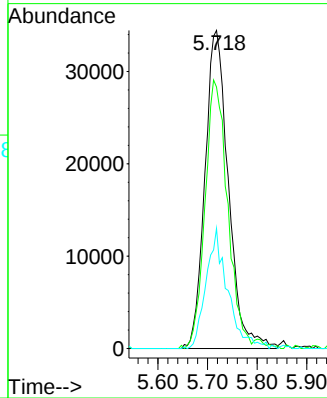
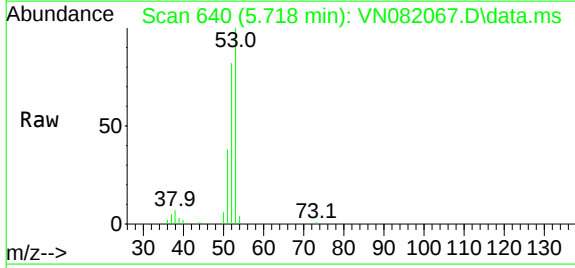
#15
Acrylonitrile
Concen: 119.119 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 53 Resp: 113176
Ion Ratio Lower Upper
53 100
52 80.9 66.1 99.1
51 34.9 29.4 44.2

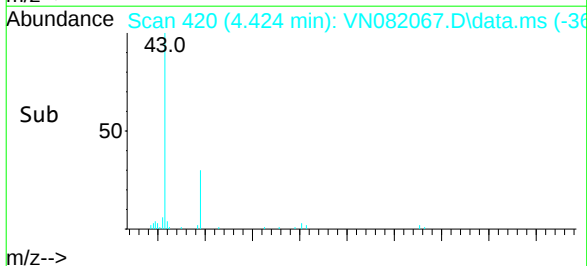
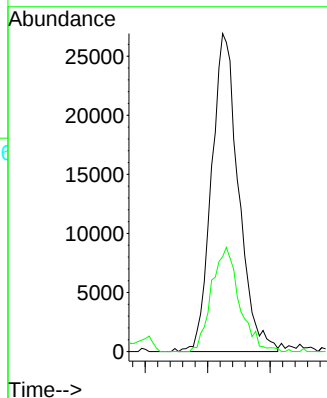
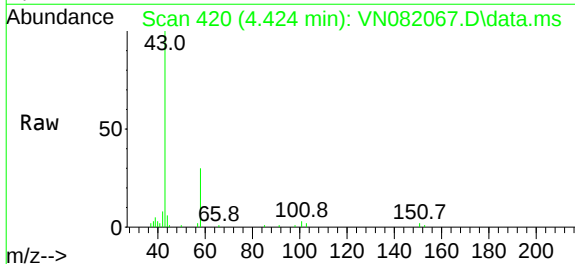
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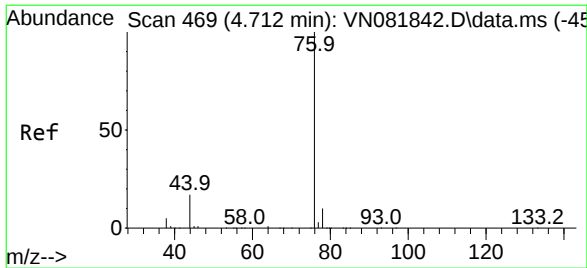
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#16
Acetone
Concen: 122.625 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 43 Resp: 80717
Ion Ratio Lower Upper
43 100
58 29.8 25.2 37.8





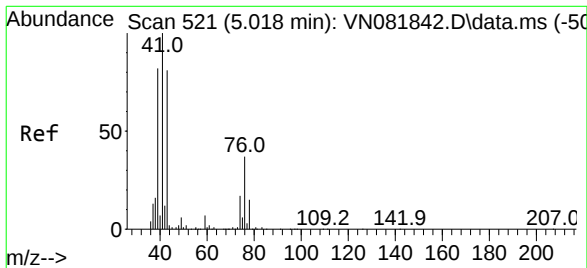
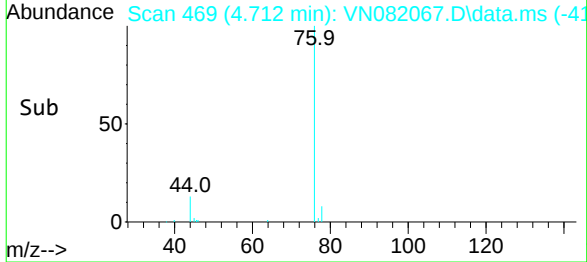
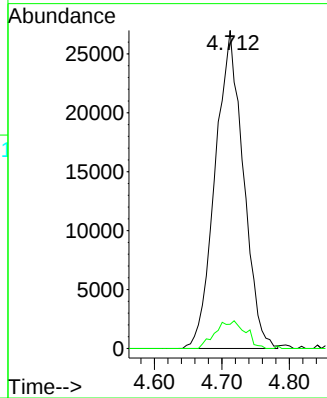
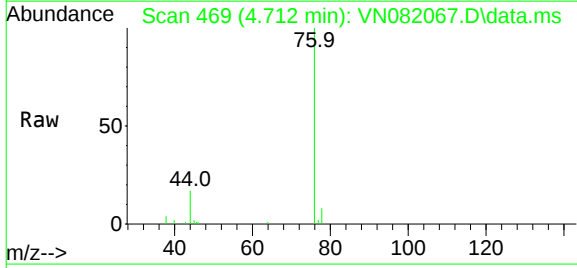
#17
Carbon Disulfide
Concen: 16.667 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 76 Resp: 78247
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3

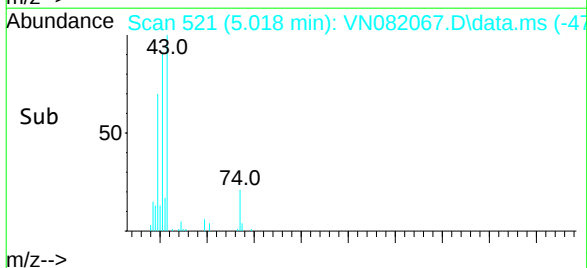
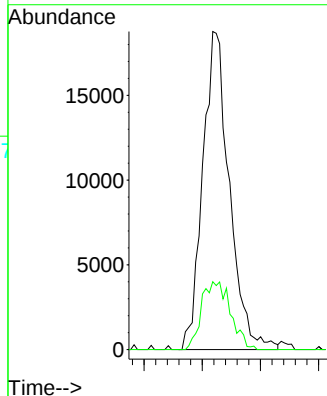
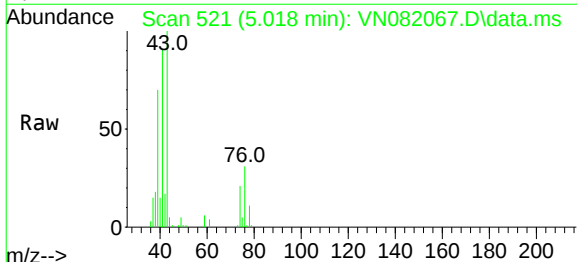
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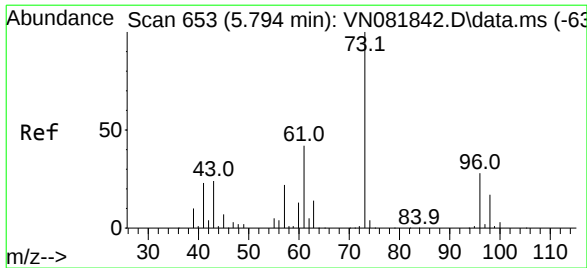
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#18
Methyl Acetate
Concen: 27.108 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 43 Resp: 59762
Ion Ratio Lower Upper
43 100
74 23.2 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 21.192 ug/l

RT: 5.795 min Scan# 653

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion: 73 Resp: 124901

Ion Ratio Lower Upper

73 100

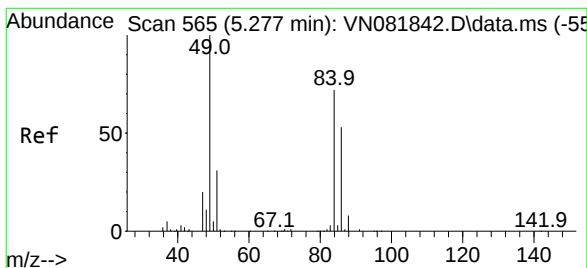
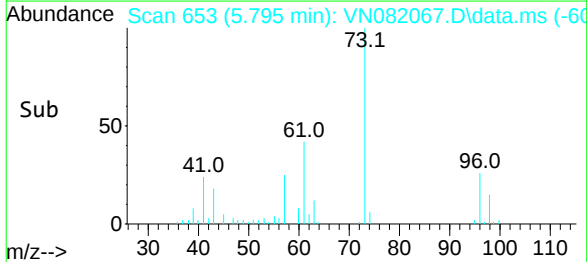
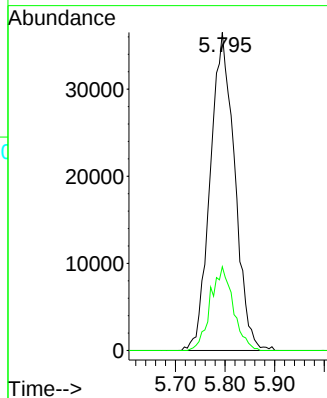
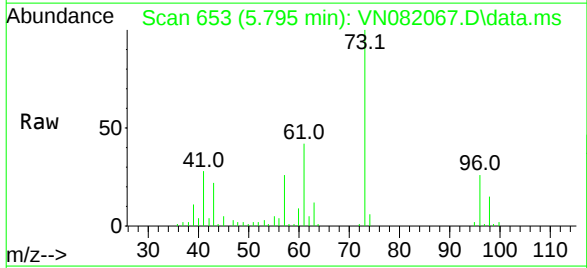
57 26.3 16.5 24.7#

Manual Integrations

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Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#20

Methylene Chloride

Concen: 21.256 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Tgt Ion: 84 Resp: 39647

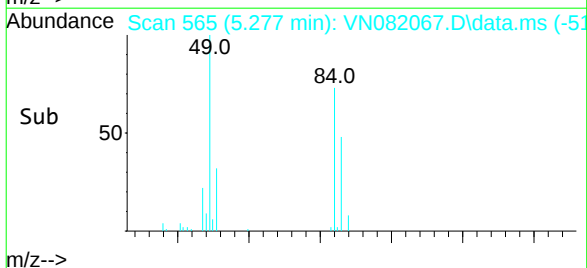
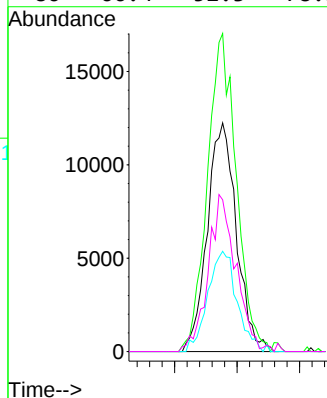
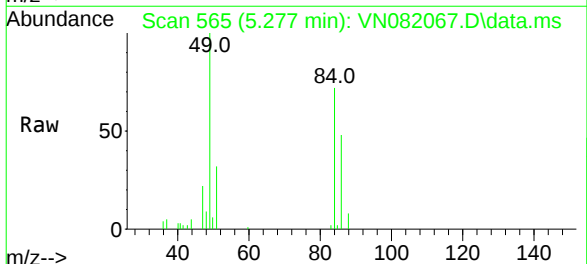
Ion Ratio Lower Upper

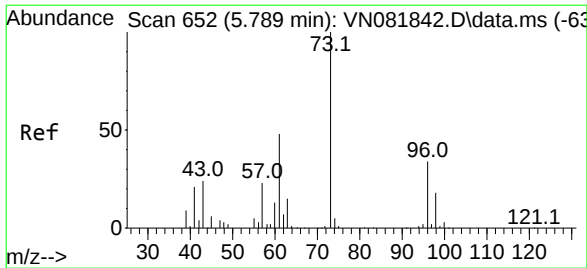
84 100

49 139.1 84.9 127.3#

51 43.9 27.0 40.6#

86 66.4 52.3 78.5





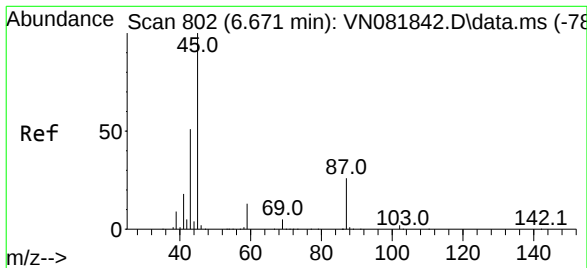
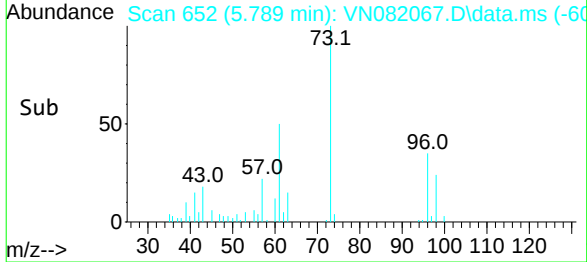
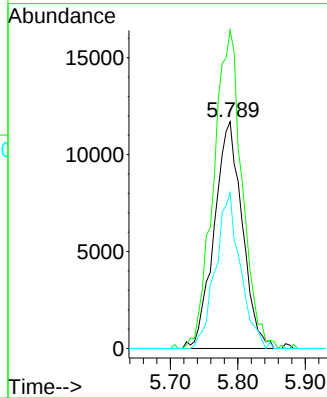
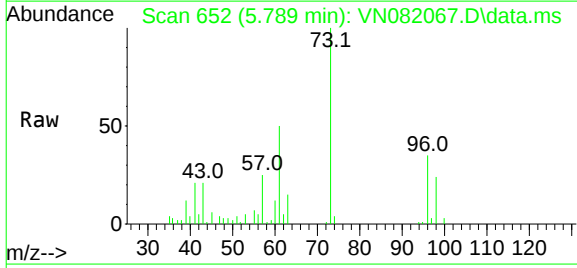
#21
trans-1,2-Dichloroethene
Concen: 19.819 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 96	Resp: 33753
Ion Ratio	Lower Upper
96 100	
61 140.3	96.5 144.7
98 68.7	51.3 76.9

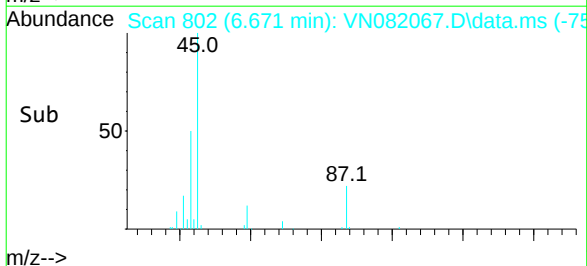
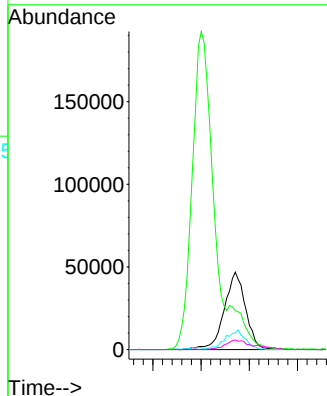
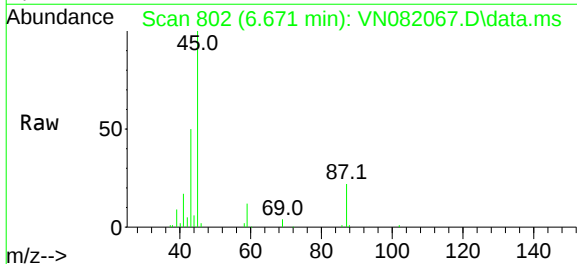
Manual Integrations
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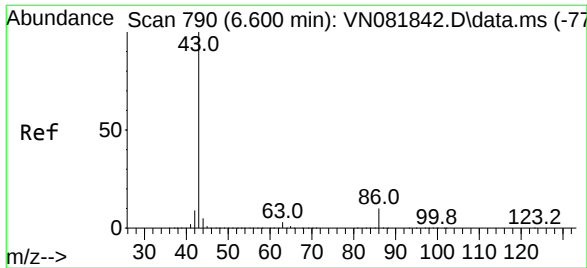
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#22
Diisopropyl ether
Concen: 22.514 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 45	Resp: 143937
Ion Ratio	Lower Upper
45 100	
43 48.9	44.1 66.1
87 21.6	27.0 40.6#
59 12.4	9.6 14.4





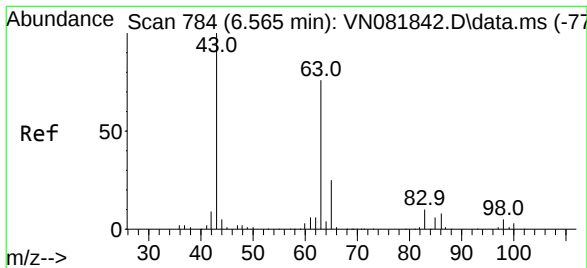
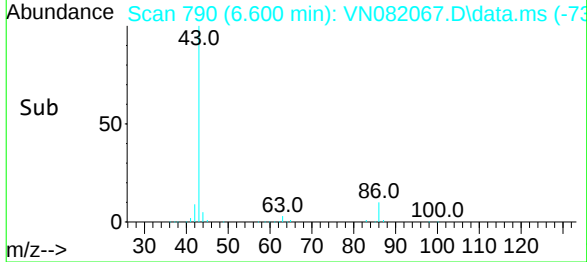
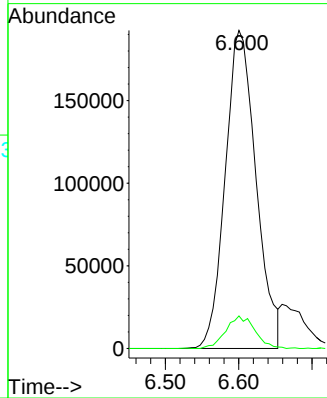
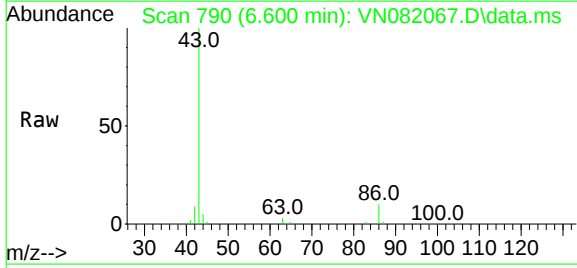
#23
 Vinyl Acetate
 Concen: 108.241 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD01

Tgt Ion: 43 Resp: 562274
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.2 15.4#

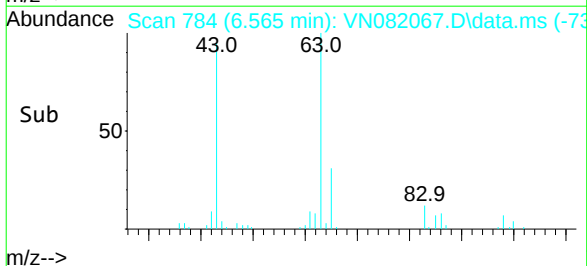
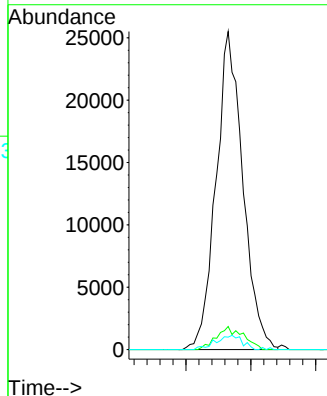
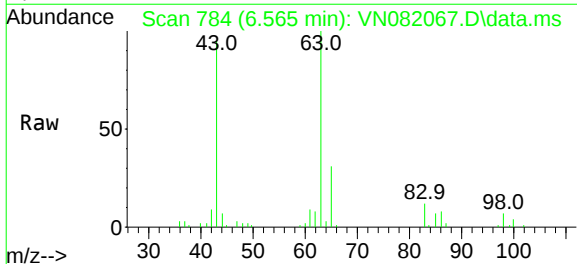
Manual Integrations
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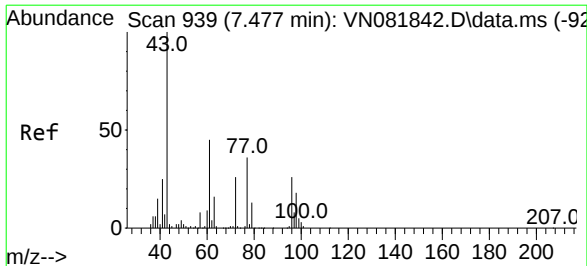
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#24
 1,1-Dichloroethane
 Concen: 21.980 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

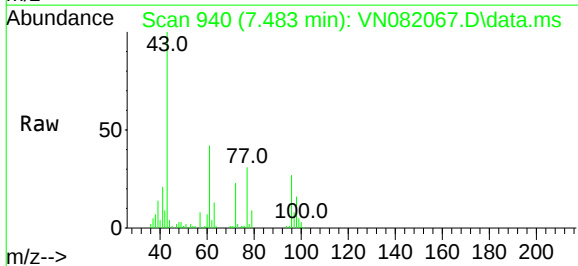
Tgt Ion: 63 Resp: 73140
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 3.9 2.6 7.8





#25
2-Butanone
Concen: 119.533 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

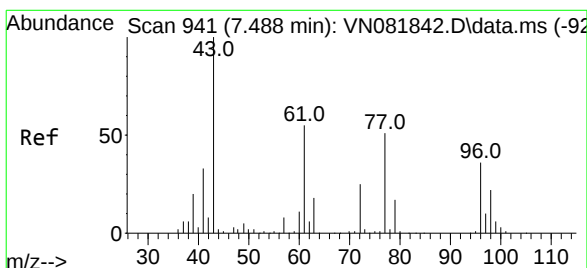
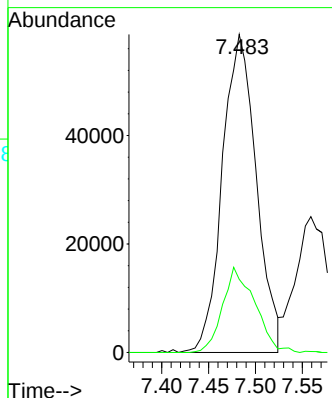
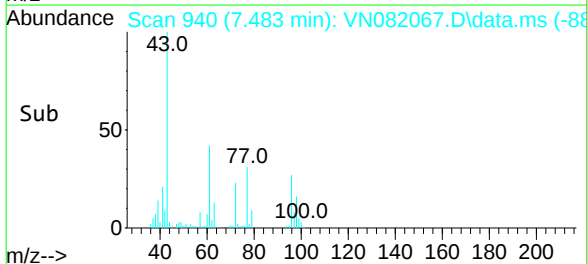
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion: 43 Resp: 147664
Ion Ratio Lower Upper
43 100
72 23.0 25.3 37.9#

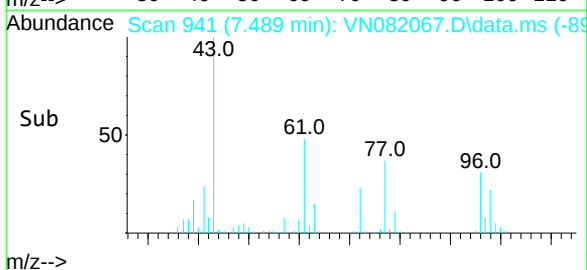
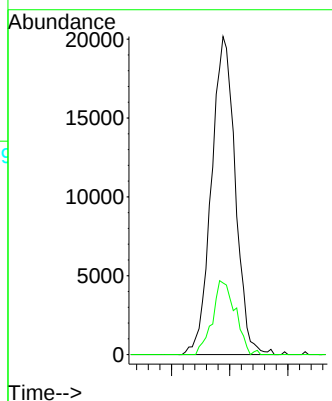
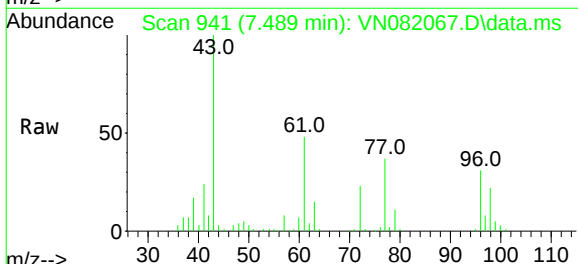
Manual Integrations
APPROVED

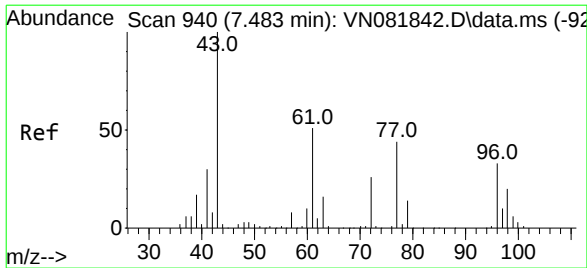
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#26
2,2-Dichloropropane
Concen: 18.777 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 77 Resp: 57478
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.9





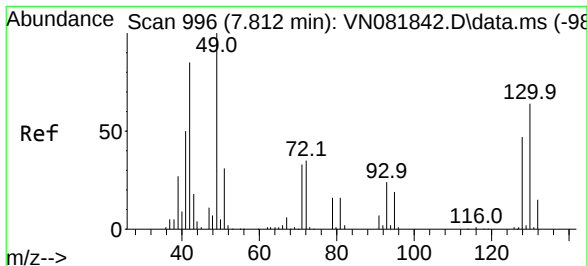
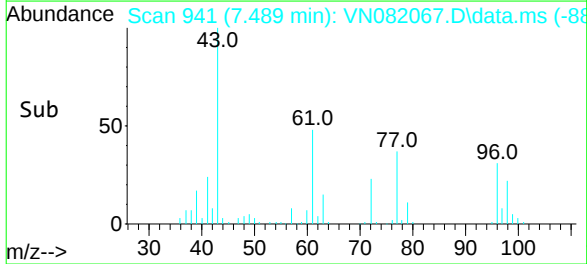
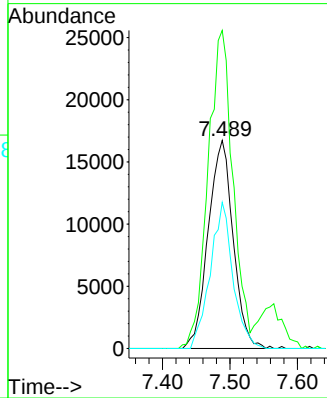
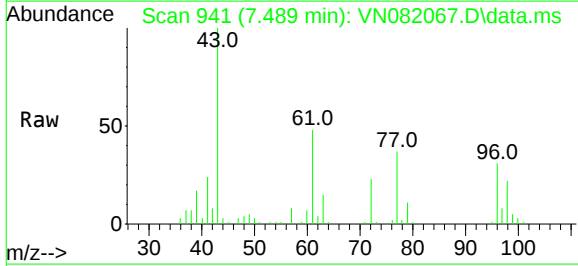
#27
cis-1,2-Dichloroethene
Concen: 21.598 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 96 Resp: 42981
Ion Ratio Lower Upper
96 100
61 153.7 0.0 268.0
98 64.0 0.0 126.8

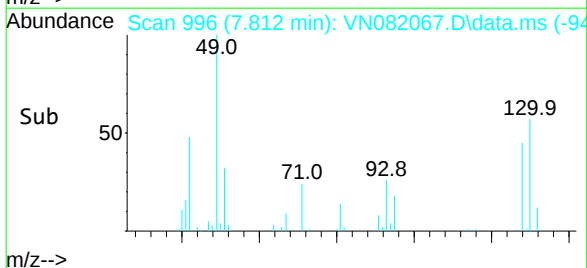
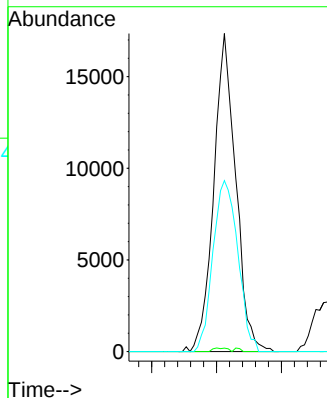
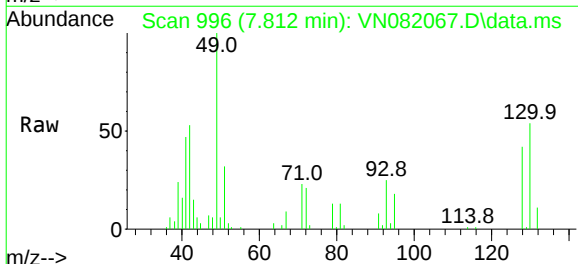
Manual Integrations
APPROVED

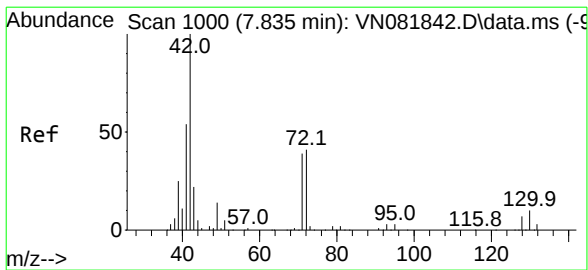
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#28
Bromochloromethane
Concen: 25.794 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 49 Resp: 40794
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.6
130 60.8 66.7 100.1#





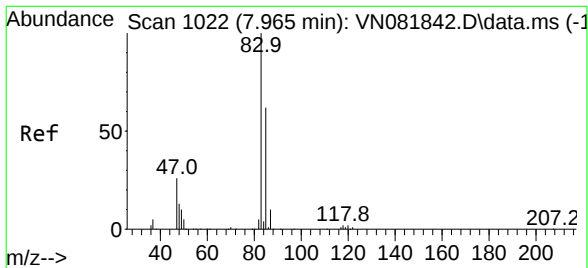
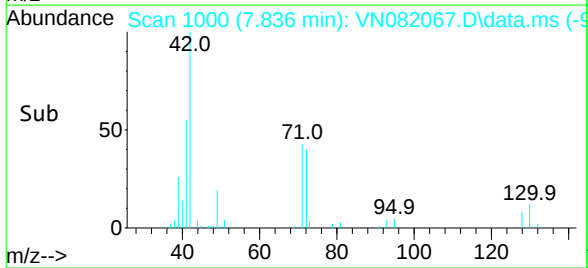
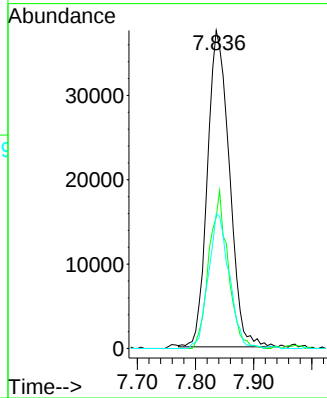
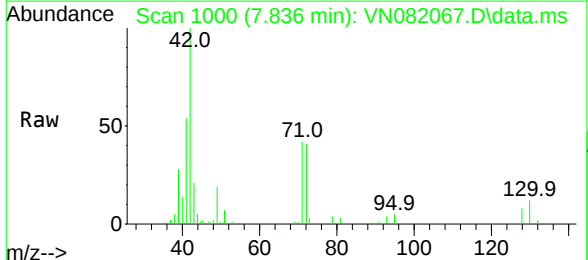
#29
Tetrahydrofuran
Concen: 111.297 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	39.3	58.9
71	40.4	37.4	56.0

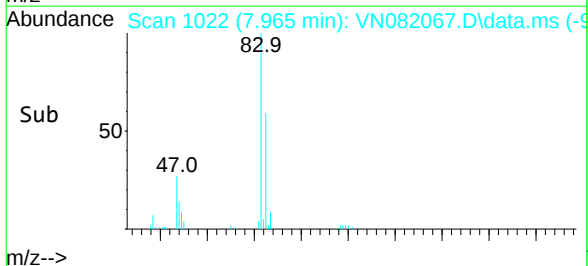
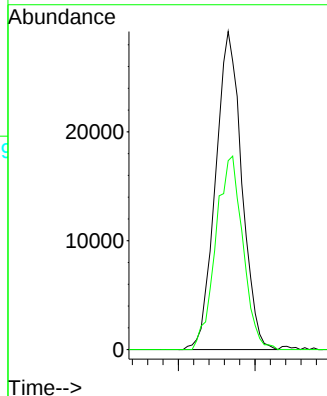
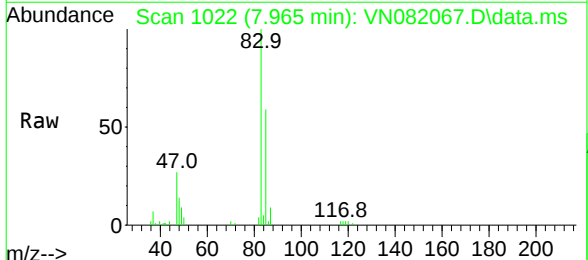
Manual Integrations
APPROVED

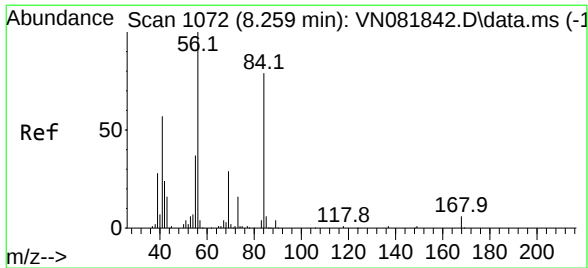
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#30
Chloroform
Concen: 21.058 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.7	76.1





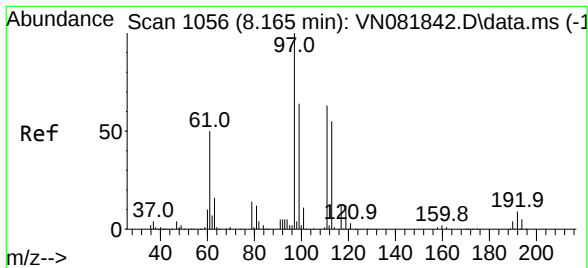
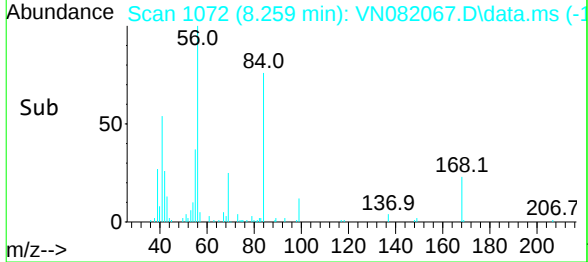
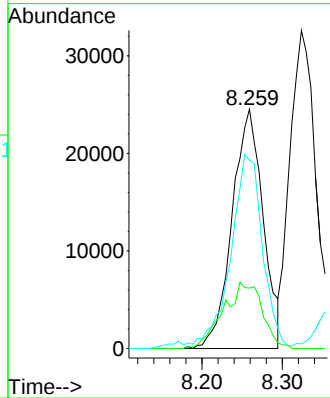
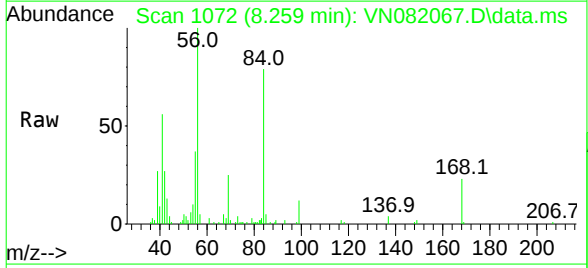
#31
Cyclohexane
Concen: 20.057 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 56 Resp: 65763
Ion Ratio Lower Upper
56 100
69 25.2 24.4 36.6
84 75.7 77.0 115.4#

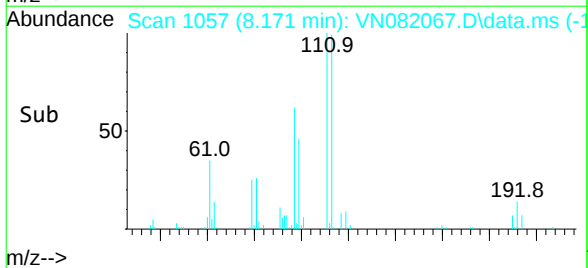
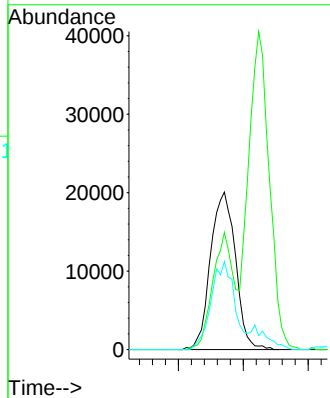
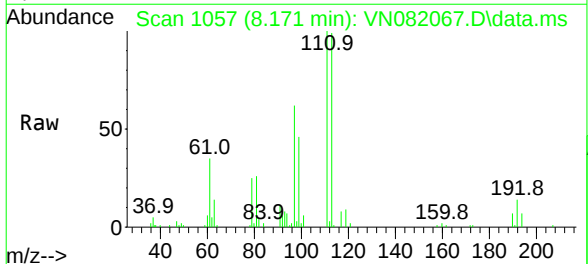
Manual Integrations
APPROVED

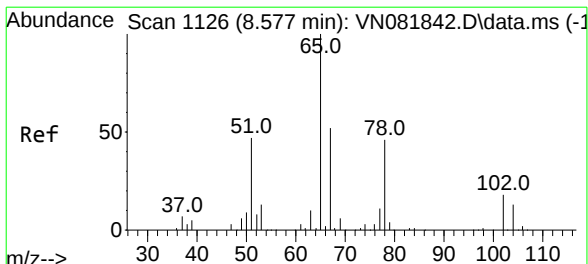
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#32
1,1,1-Trichloroethane
Concen: 18.288 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 97 Resp: 53793
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 52.5 36.6 55.0





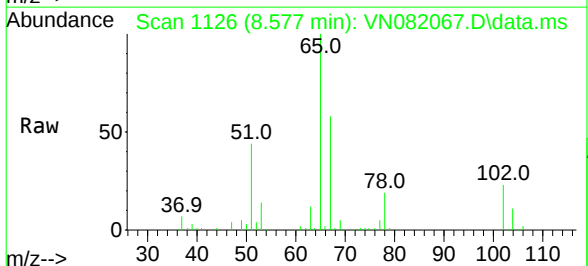
#33
 1,2-Dichloroethane-d4
 Concen: 53.911 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

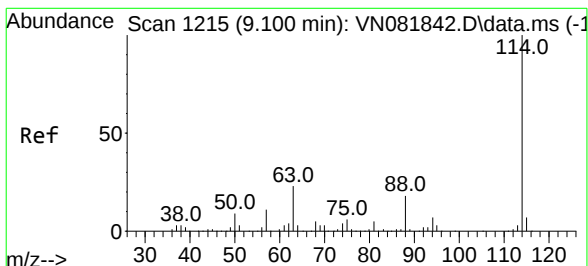
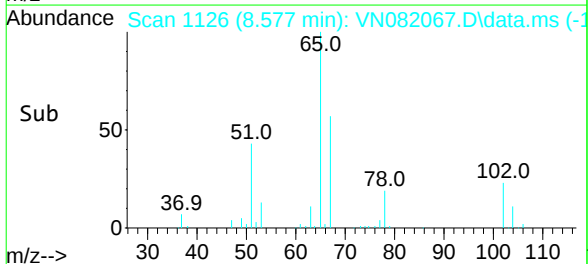
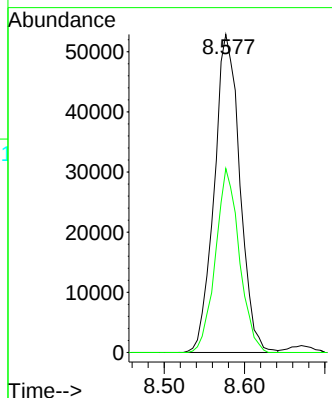
VN0510WBSD01



Tgt Ion: 65 Resp: 117339
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.0

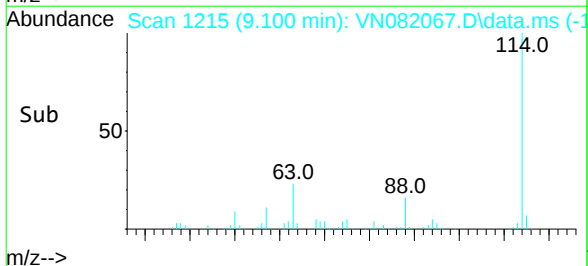
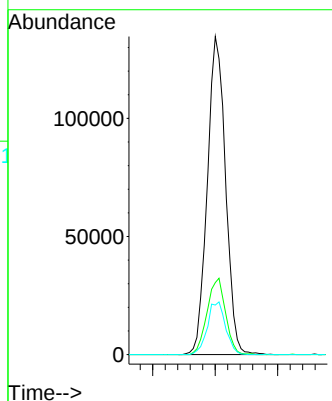
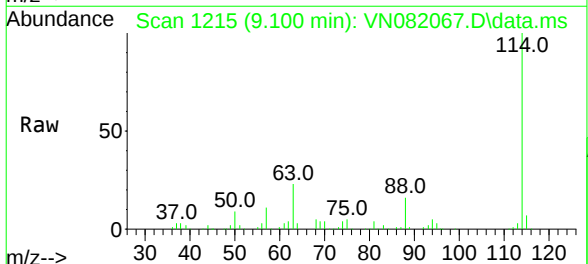
Manual Integrations
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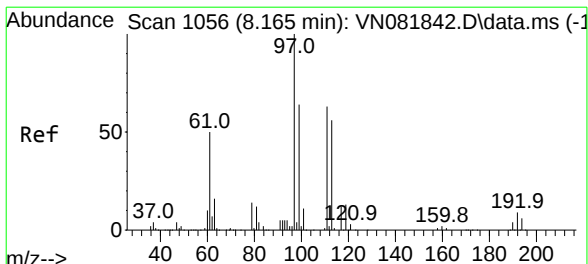
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

Tgt Ion:114 Resp: 273455
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 41.0
 88 15.6 0.0 31.4





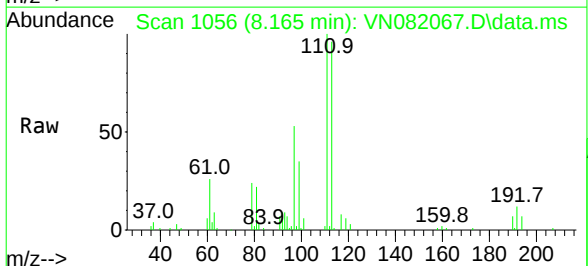
#35
 Dibromofluoromethane
 Concen: 49.623 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

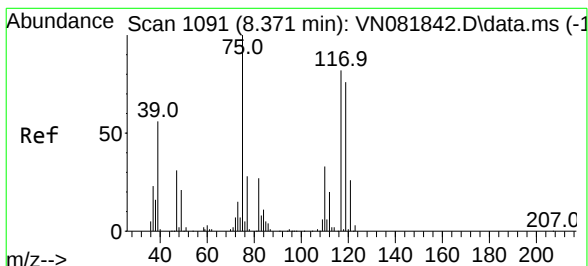
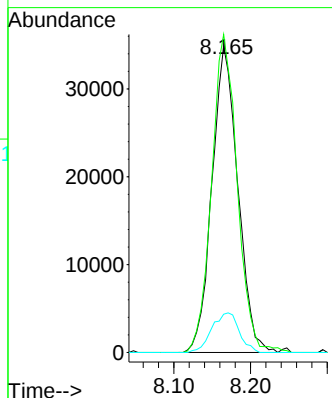
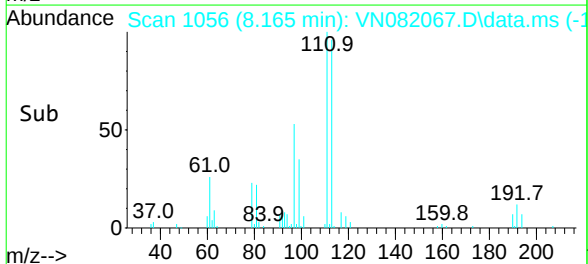
VN0510WBSD01



Tgt Ion:	113	Resp:	81701
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	13.7	14.0	21.0

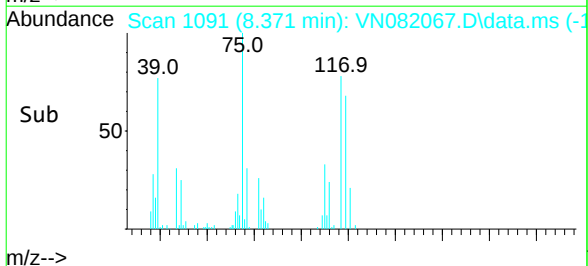
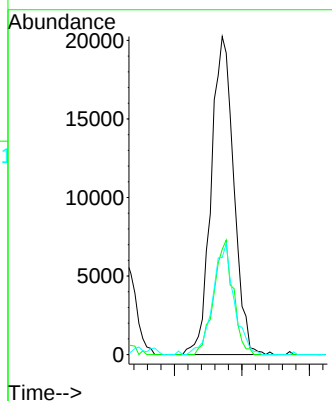
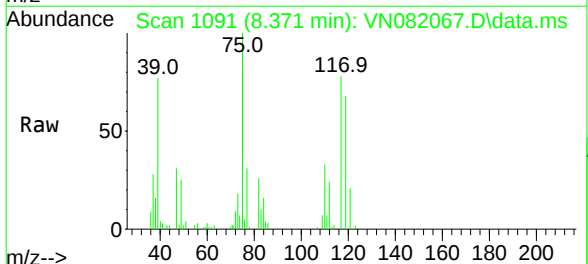
Manual Integrations
 APPROVED

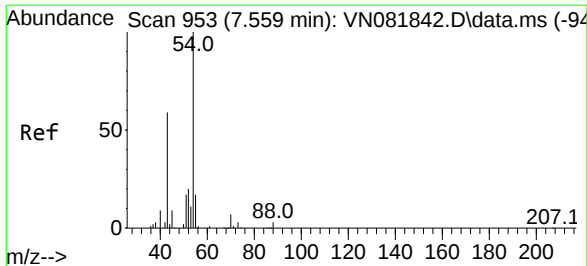
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#36
 1,1-Dichloropropene
 Concen: 17.570 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN082067.D
 Acq: 10 May 2024 14:10

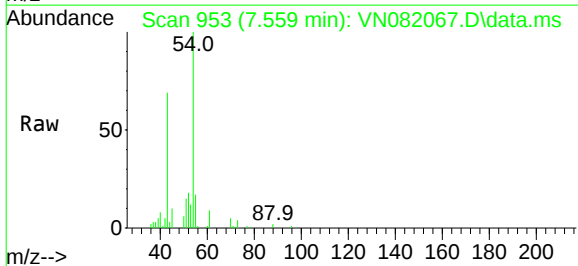
Tgt Ion:	75	Resp:	47062
Ion	Ratio	Lower	Upper
75	100		
110	30.8	17.8	53.5
77	32.5	25.0	37.4





#37
Ethyl Acetate
Concen: 20.321 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

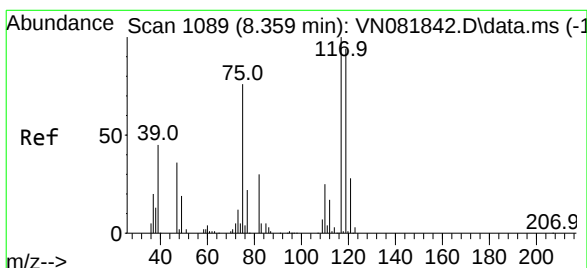
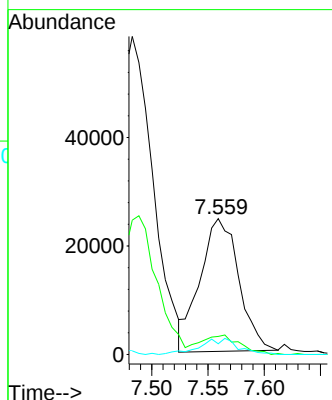
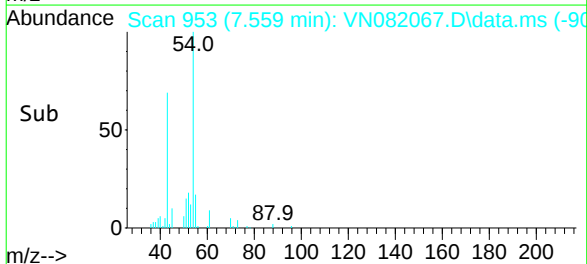
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion: 43 Resp: 58852
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 11.9 8.7 13.1

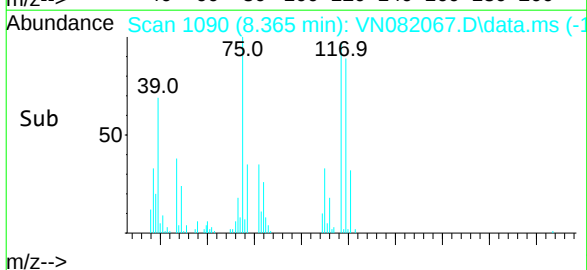
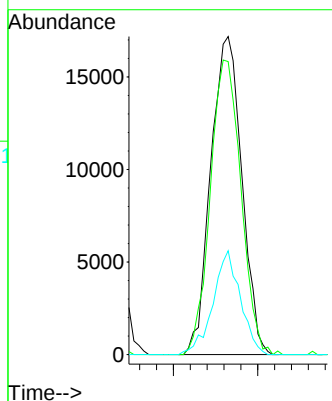
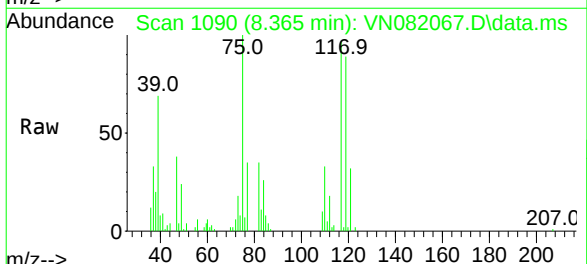
Manual Integrations
APPROVED

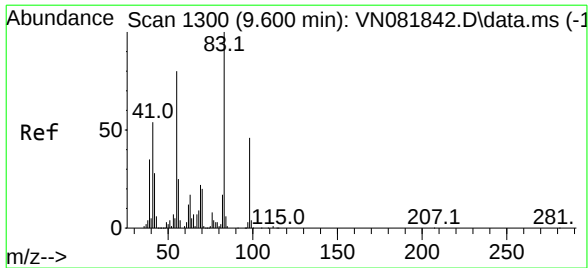
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#38
Carbon Tetrachloride
Concen: 16.793 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:117 Resp: 43963
Ion Ratio Lower Upper
117 100
119 92.1 76.5 114.7
121 32.6 23.9 35.9





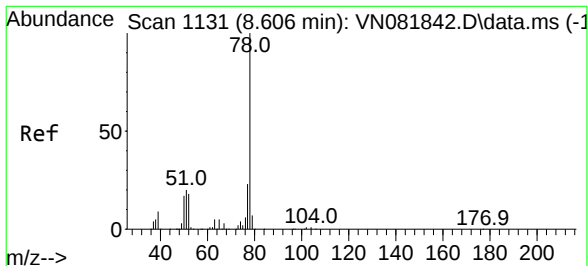
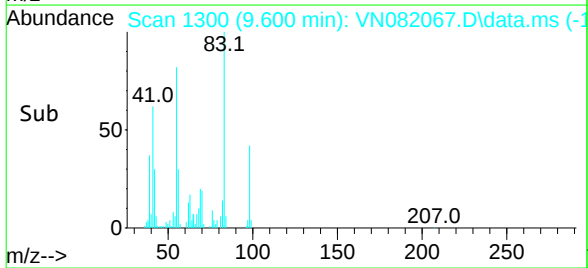
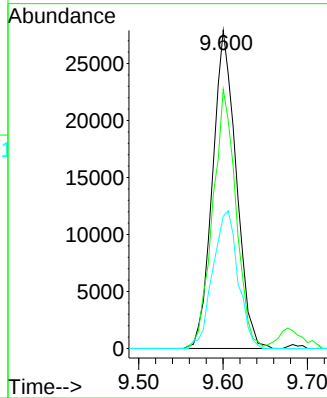
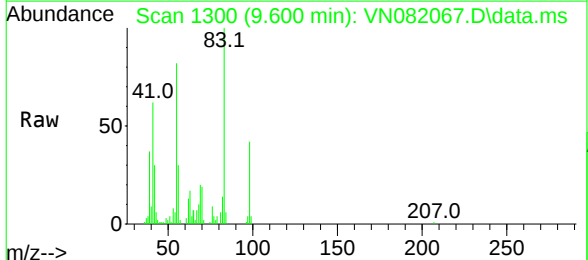
#39
Methylcyclohexane
Concen: 16.698 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.5	53.0	79.6
98	41.5	37.1	55.7

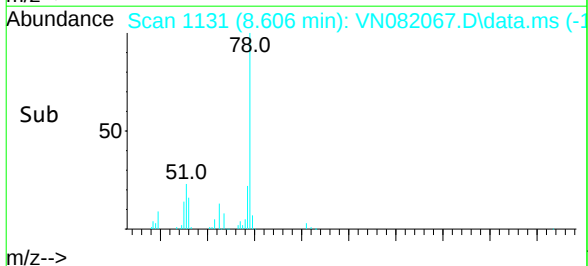
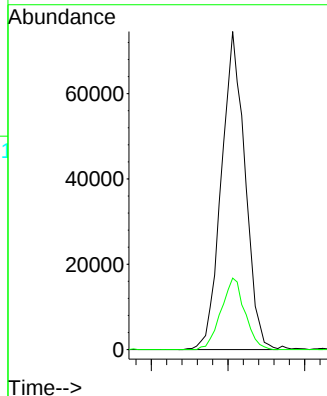
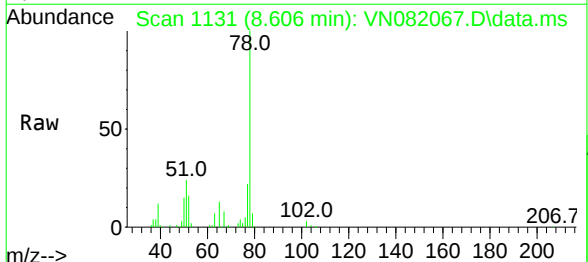
Manual Integrations
APPROVED

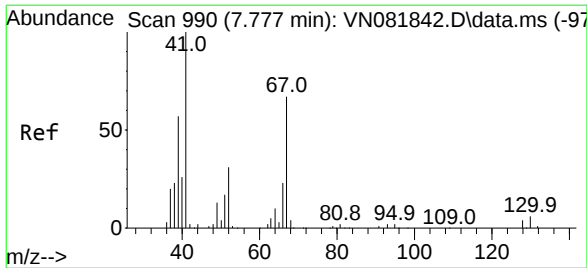
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#40
Benzene
Concen: 19.833 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	20.0	30.0





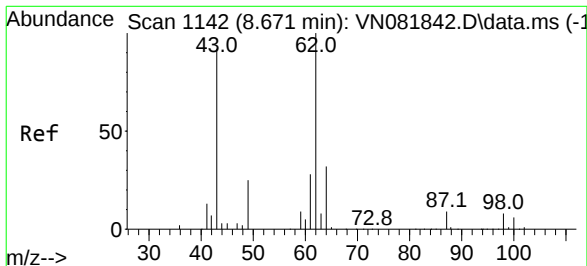
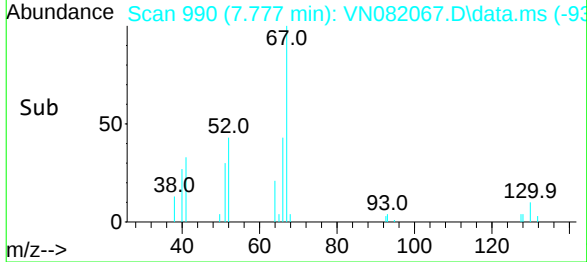
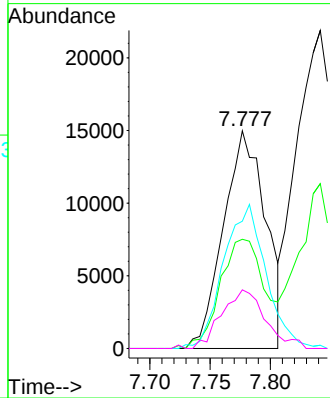
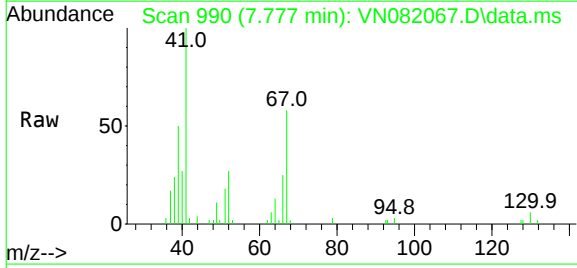
#41
Methacrylonitrile
Concen: 19.769 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion:	41	Resp:	36531
Ion	Ratio	Lower	Upper
41	100		
39	53.1	46.6	69.8
67	66.6	67.3	100.9
52	28.2	27.3	40.9

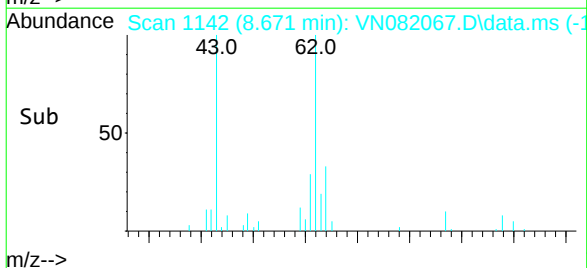
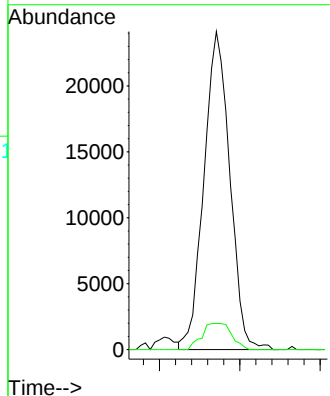
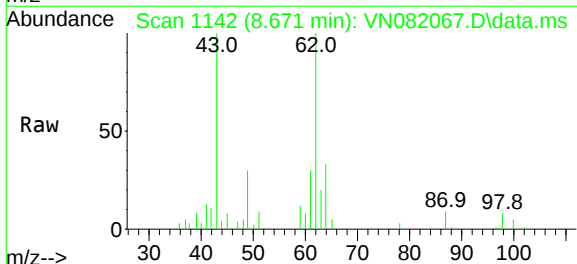
Manual Integrations
APPROVED

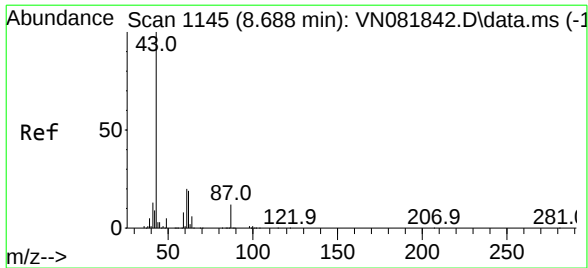
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#42
1,2-Dichloroethane
Concen: 18.079 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:	62	Resp:	53982
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6





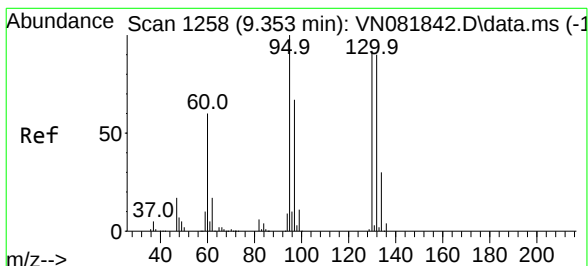
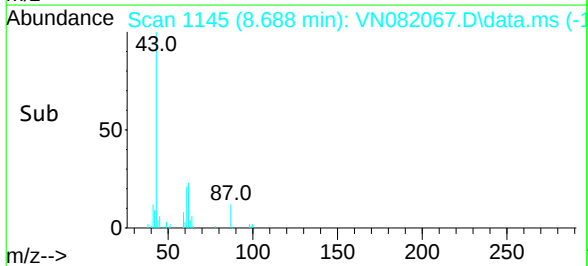
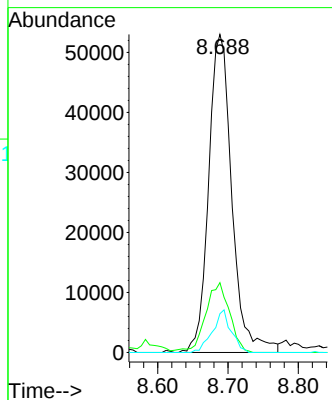
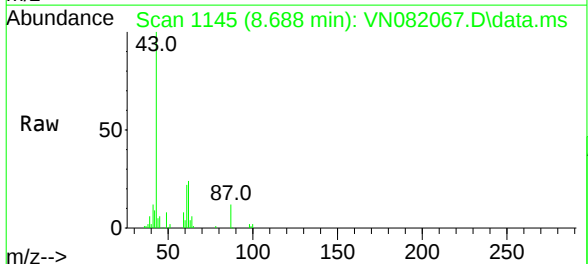
#43
Isopropyl Acetate
Concen: 22.341 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion:	43	Resp:	121657
Ion Ratio	Lower	Upper	
43	100		
61	22.7	22.8	34.2#
87	10.7	12.0	18.0#

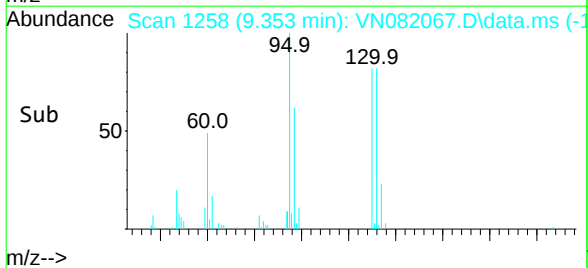
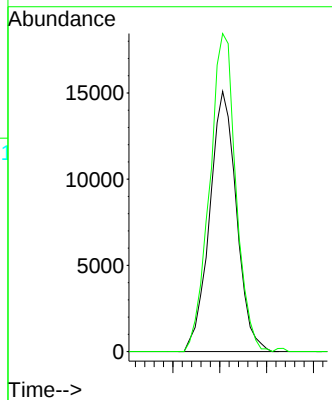
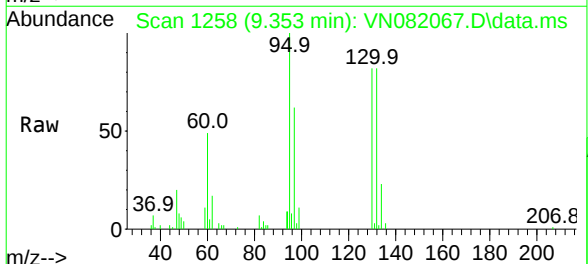
Manual Integrations
APPROVED

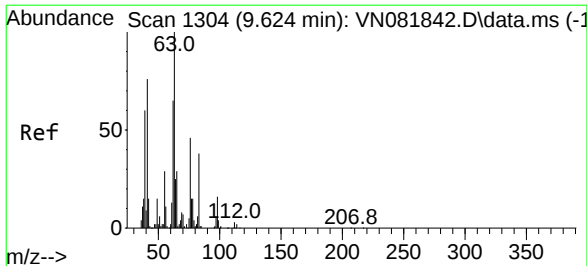
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#44
Trichloroethene
Concen: 16.206 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:	130	Resp:	30044
Ion Ratio	Lower	Upper	
130	100		
95	122.2	0.0	195.4





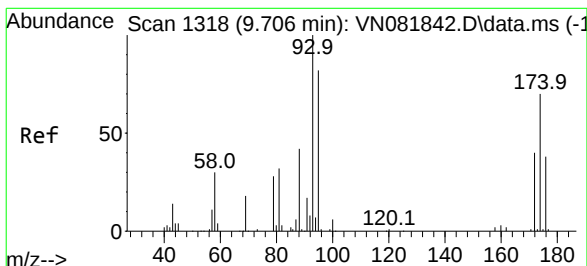
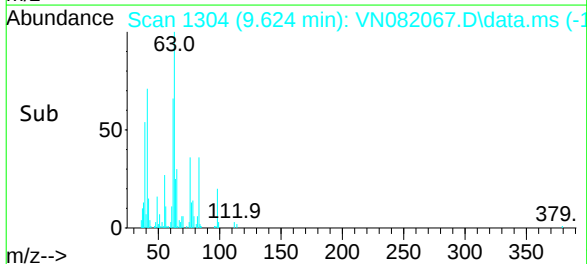
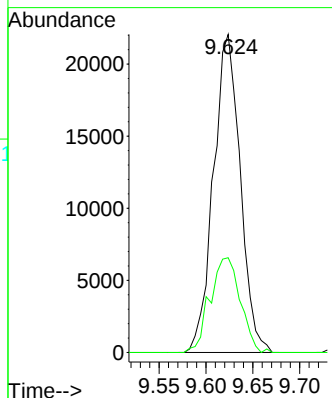
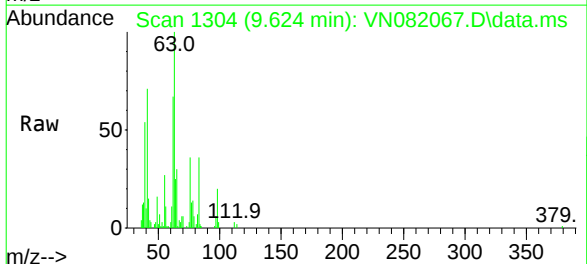
#45
1,2-Dichloropropane
Concen: 20.830 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 63 Resp: 43833
Ion Ratio Lower Upper
63 100
65 29.8 24.1 36.1

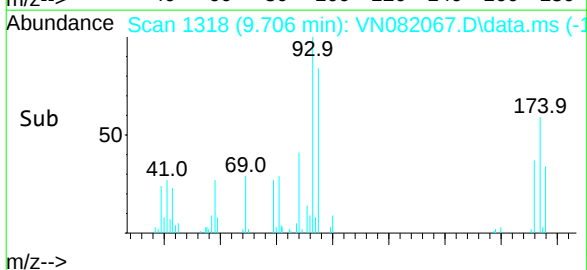
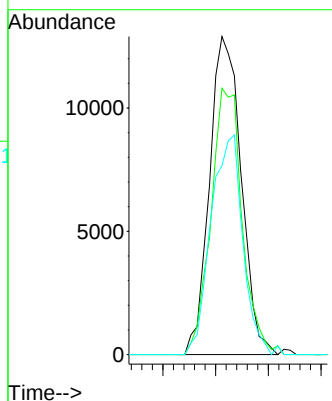
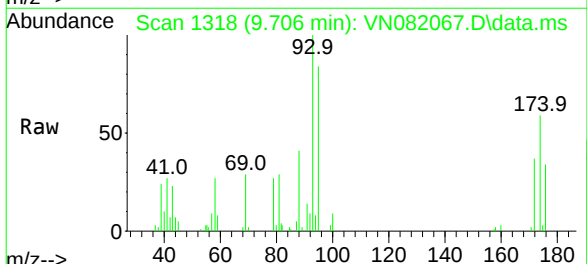
Manual Integrations
APPROVED

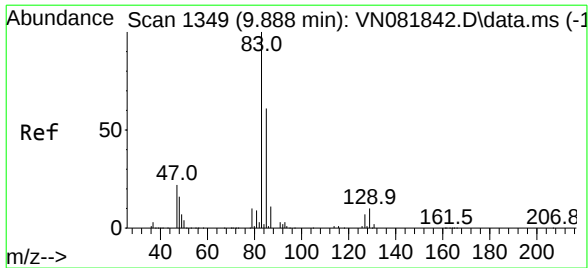
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#46
Dibromomethane
Concen: 18.530 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 93 Resp: 26952
Ion Ratio Lower Upper
93 100
95 82.3 64.8 97.2
174 69.6 73.4 110.0#





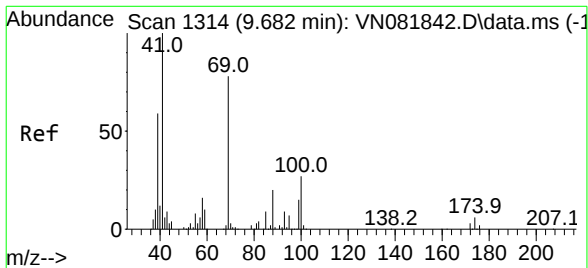
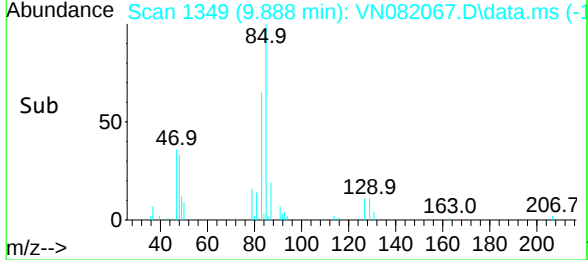
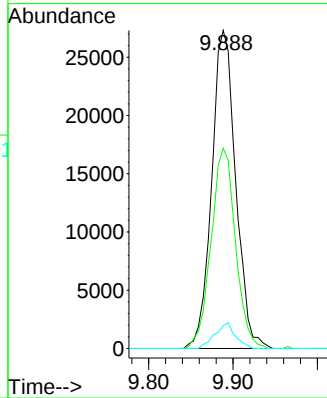
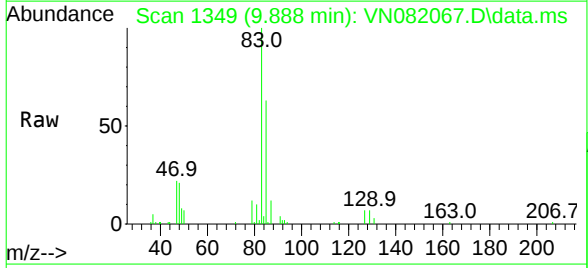
#47
Bromodichloromethane
Concen: 17.579 ug/l
RT: 9.888 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 83	Resp: 53921
Ion Ratio	Lower Upper
83 100	
85 62.9	51.9 77.9
127 7.1	7.5 11.3#

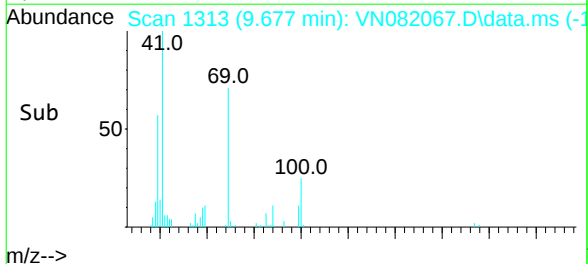
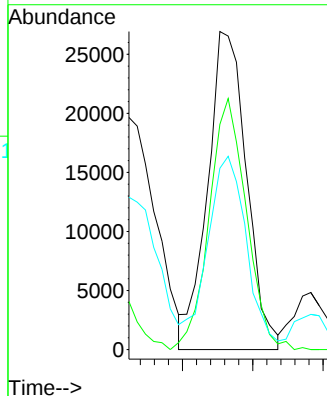
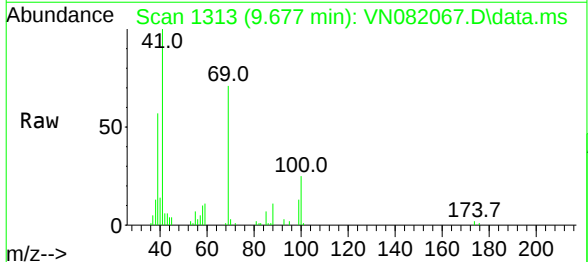
Manual Integrations
APPROVED

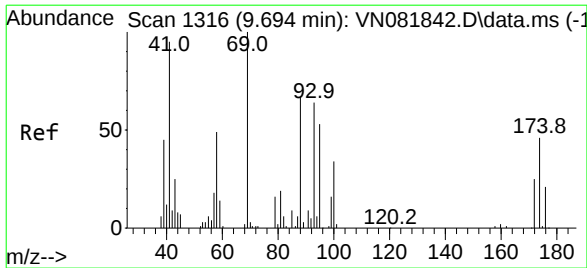
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#48
Methyl methacrylate
Concen: 19.920 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

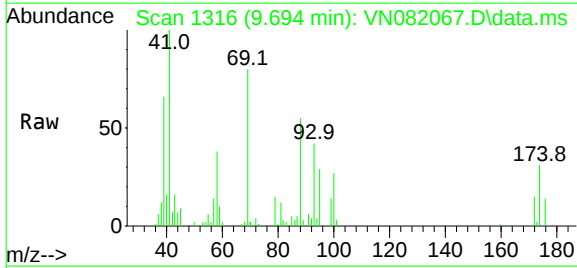
Tgt Ion: 41	Resp: 51783
Ion Ratio	Lower Upper
41 100	
69 75.3	77.9 116.9#
39 61.4	50.9 76.3





#49
1,4-Dioxane
Concen: 430.386 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

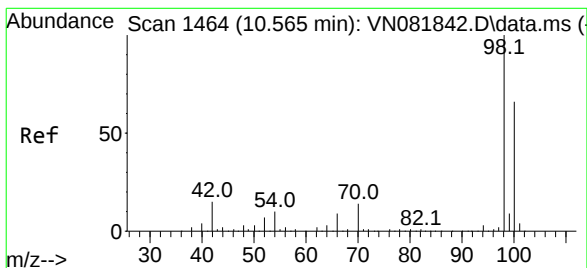
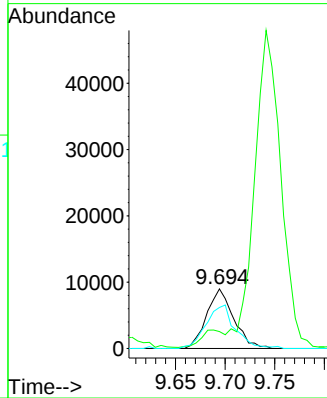
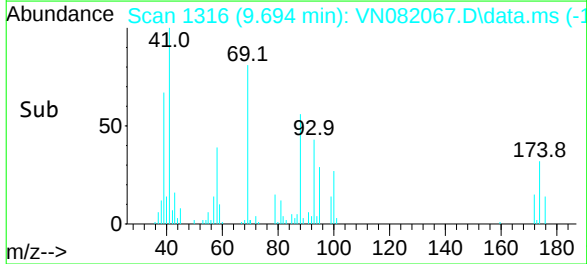
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



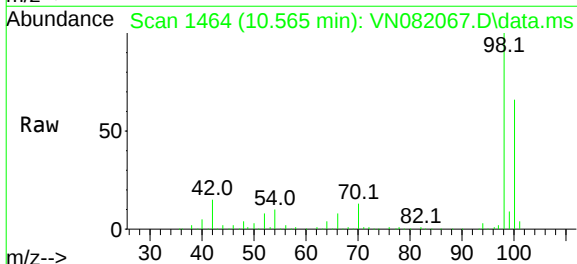
Tgt Ion: 88 Resp: 17005
Ion Ratio Lower Upper
88 100
43 25.9 19.0 28.6
58 78.9 50.6 76.0#

Manual Integrations
APPROVED

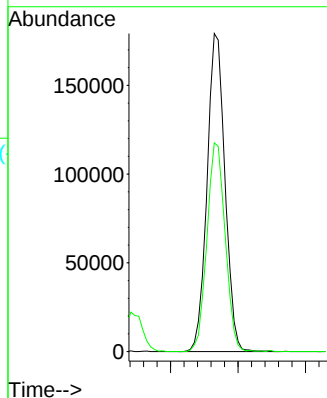
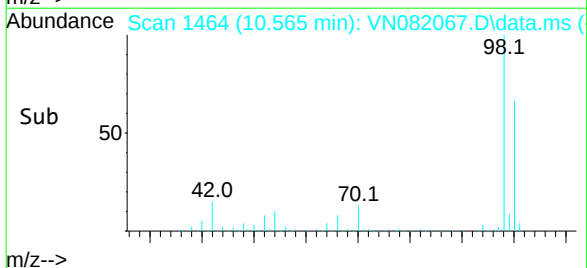
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

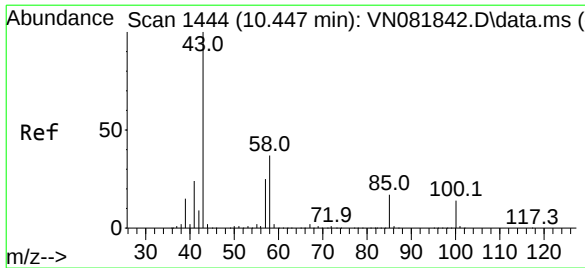


#50
Toluene-d8
Concen: 51.077 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10



Tgt Ion: 98 Resp: 330277
Ion Ratio Lower Upper
98 100
100 66.8 51.8 77.6





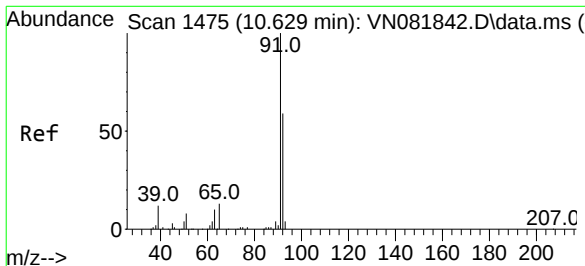
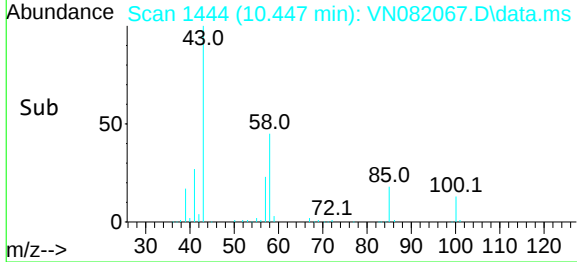
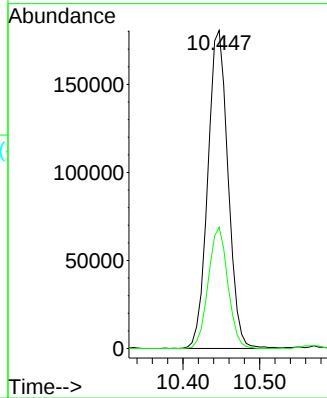
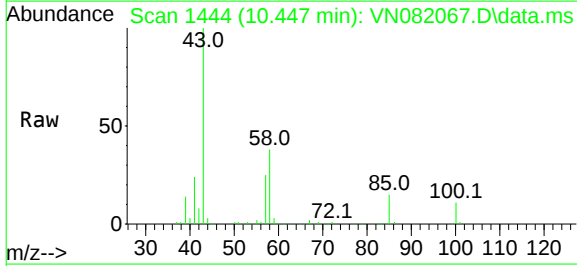
#51
4-Methyl-2-Pentanone
Concen: 108.140 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 43 Resp: 331501
Ion Ratio Lower Upper
43 100
58 36.8 33.2 49.8

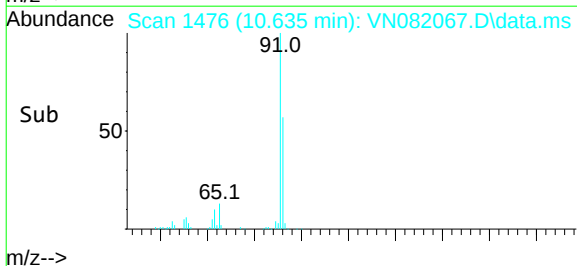
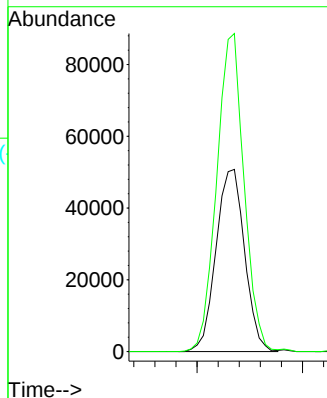
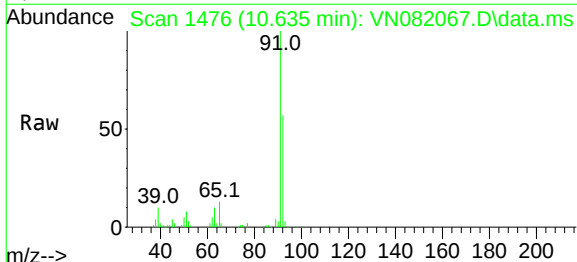
Manual Integrations
APPROVED

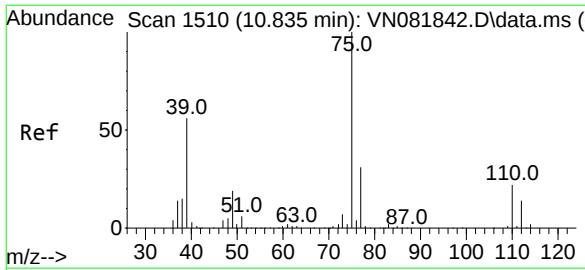
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#52
Toluene
Concen: 19.875 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

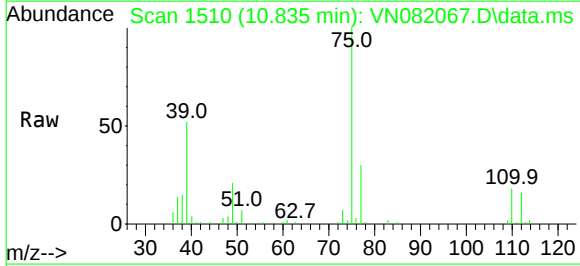
Tgt Ion: 92 Resp: 95705
Ion Ratio Lower Upper
92 100
91 167.0 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 18.090 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

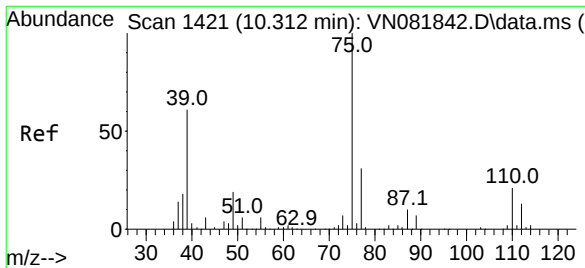
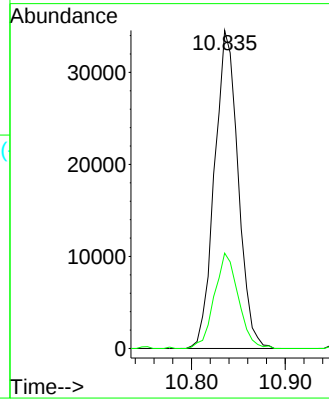
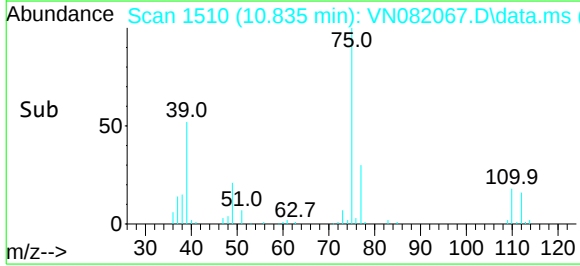
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



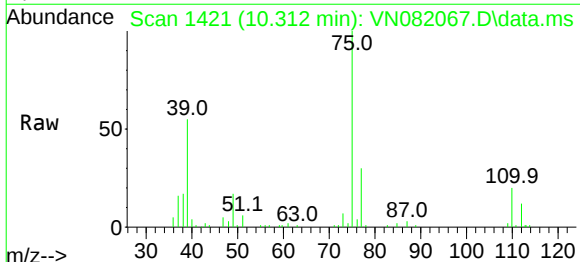
Tgt Ion: 75 Resp: 60379
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

Manual Integrations
APPROVED

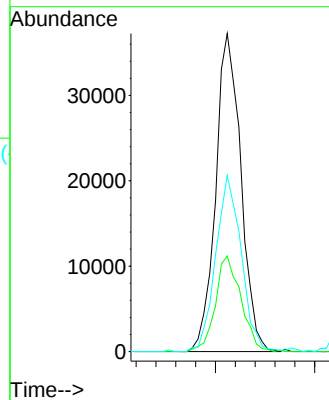
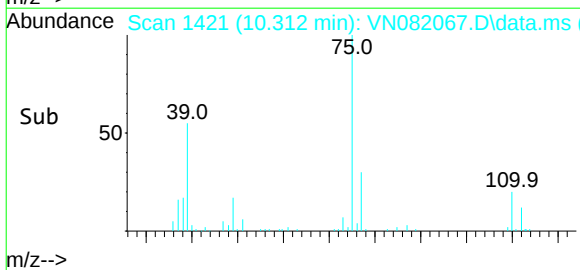
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

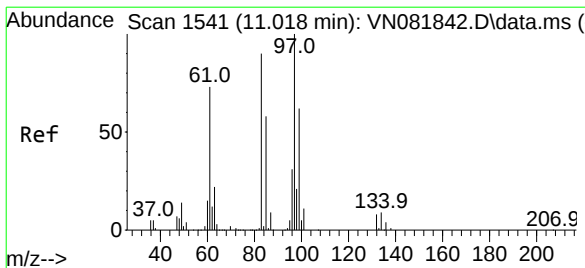


#54
cis-1,3-Dichloropropene
Concen: 19.092 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10



Tgt Ion: 75 Resp: 65674
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4
39 55.4 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 20.043 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion: 97 Resp: 37957

Ion Ratio Lower Upper

97 100

83 88.2 70.4 105.6

85 58.2 45.6 68.4

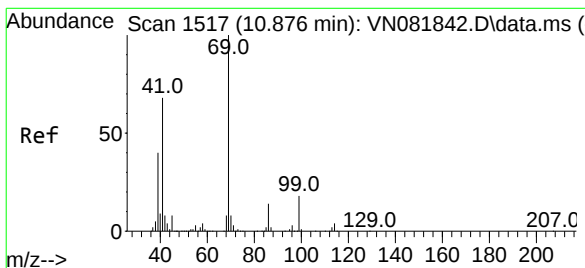
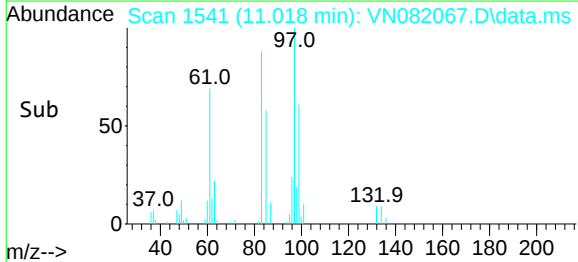
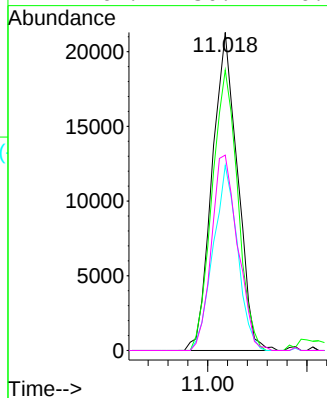
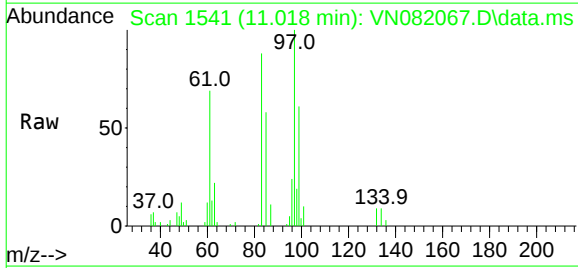
99 61.4 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#56

Ethyl methacrylate

Concen: 19.176 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

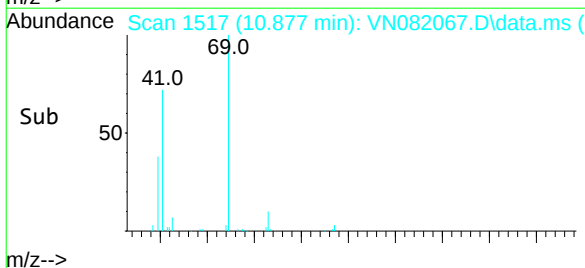
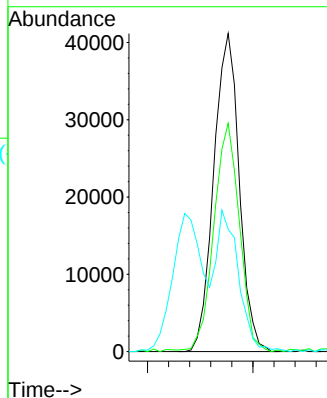
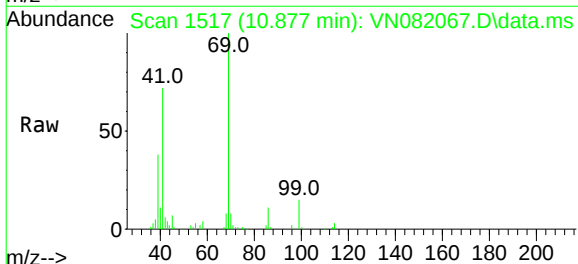
Tgt Ion: 69 Resp: 69152

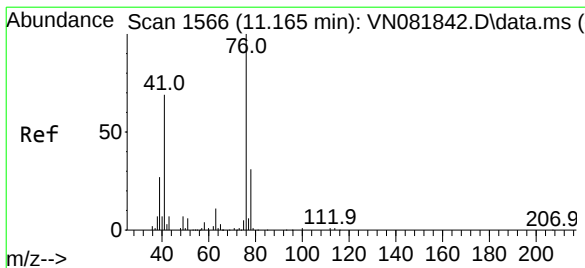
Ion Ratio Lower Upper

69 100

41 72.3 46.6 70.0#

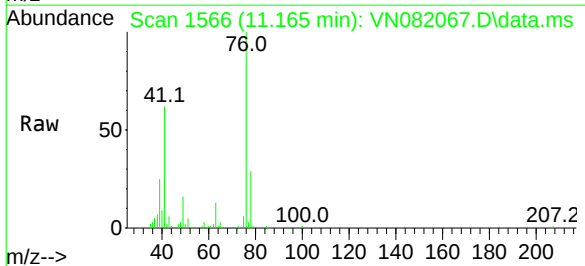
39 39.1 26.5 39.7





#57
1,3-Dichloropropane
Concen: 20.151 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

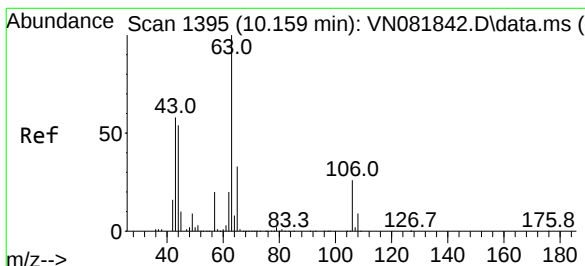
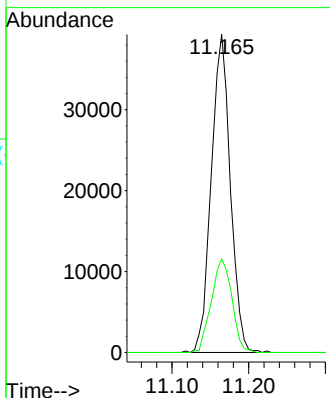
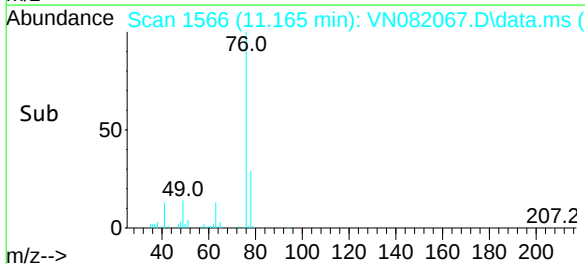
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion: 76 Resp: 67846
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

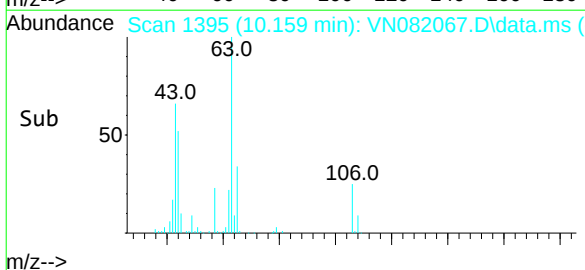
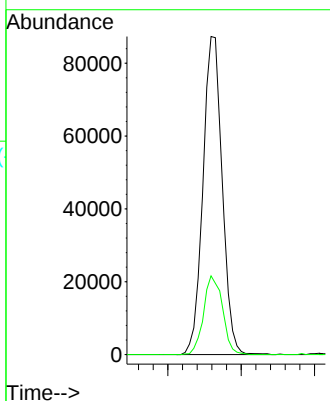
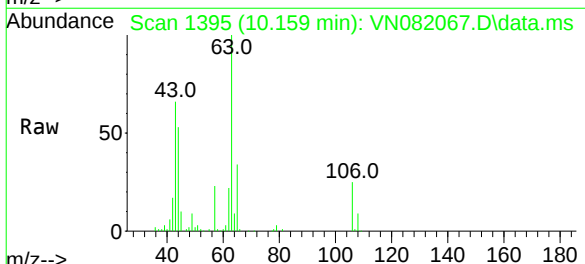
Manual Integrations
APPROVED

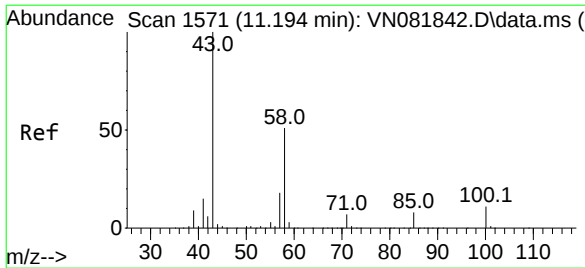
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 96.999 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 63 Resp: 159346
Ion Ratio Lower Upper
63 100
106 24.3 24.6 36.8#





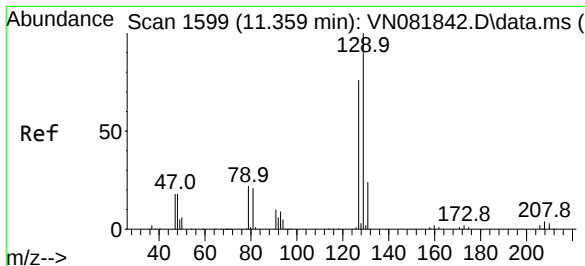
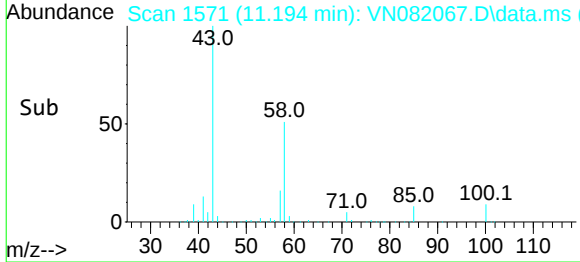
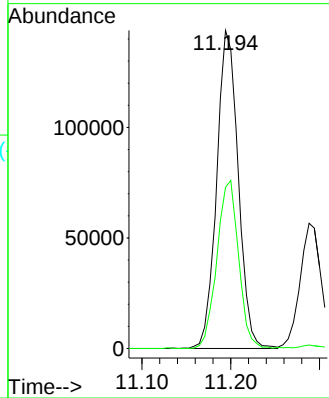
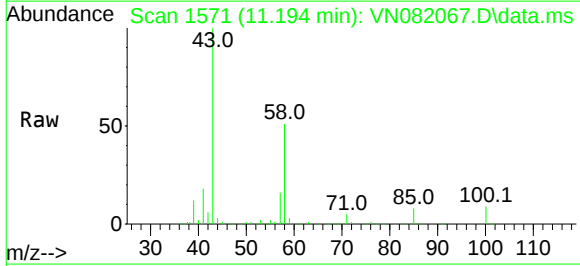
#59
2-Hexanone
Concen: 106.266 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 43 Resp: 242428
Ion Ratio Lower Upper
43 100
58 53.2 28.3 84.9

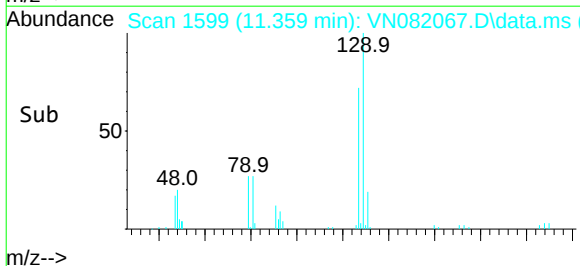
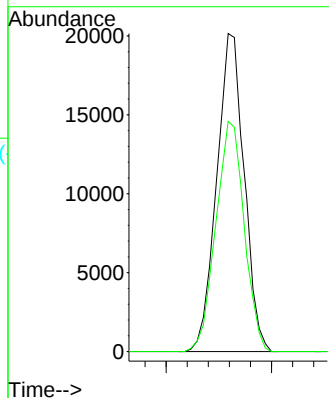
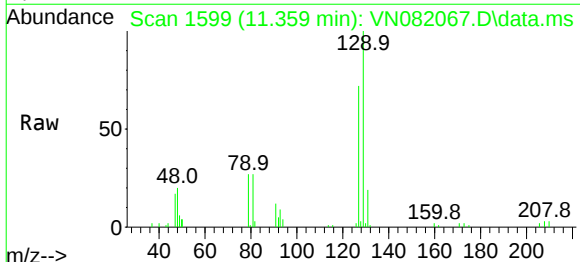
Manual Integrations
APPROVED

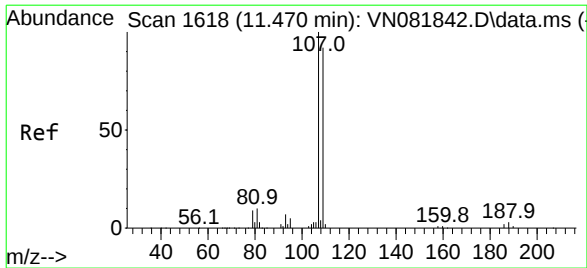
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#60
Dibromochloromethane
Concen: 18.166 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

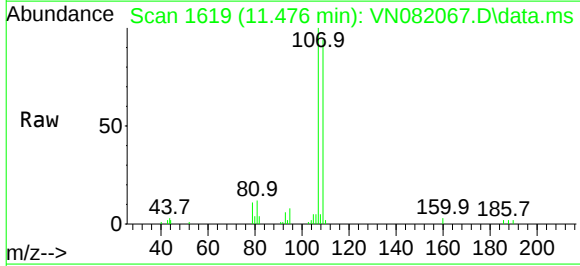
Tgt Ion:129 Resp: 36437
Ion Ratio Lower Upper
129 100
127 74.8 38.3 114.8





#61
1,2-Dibromoethane
Concen: 19.373 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

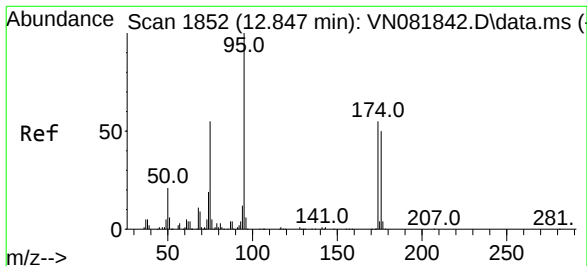
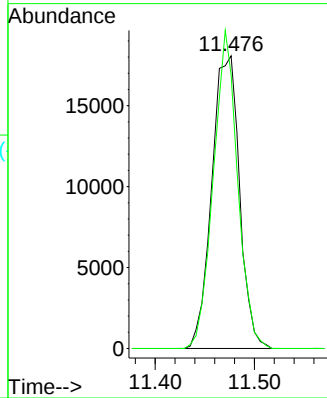
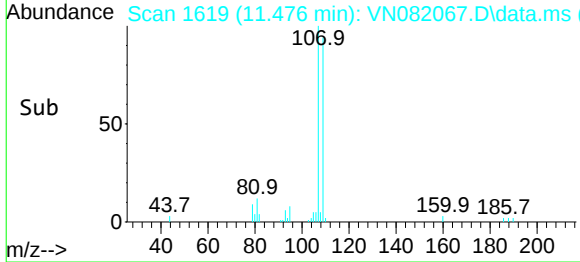
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion: 107 Resp: 35085
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6

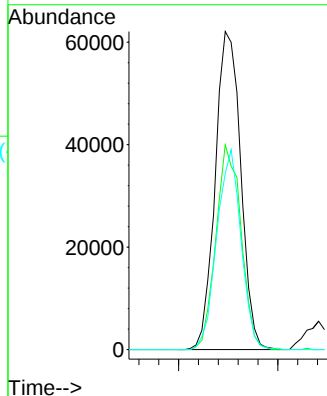
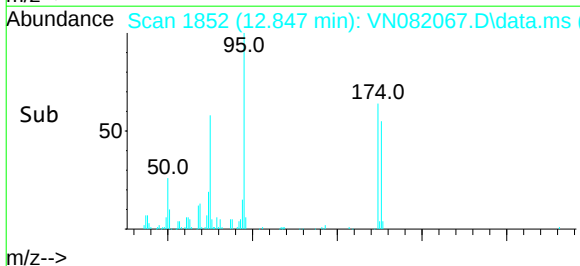
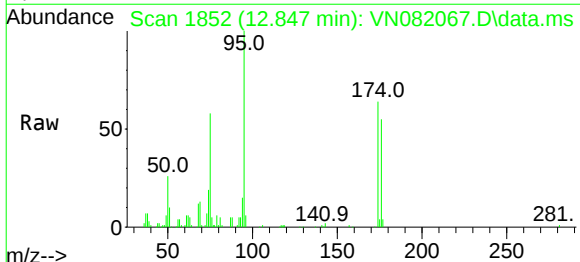
Manual Integrations
APPROVED

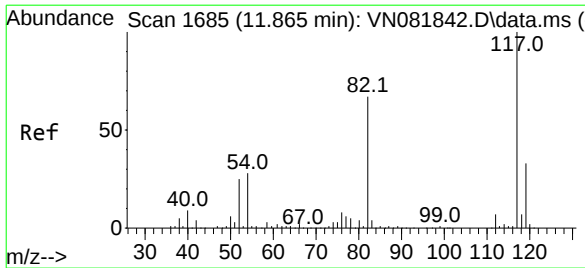
Reviewed By : John Carlone 05/13/2024
Supervised By : Mahesh Dadoda 05/13/2024



#62
4-Bromofluorobenzene
Concen: 43.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

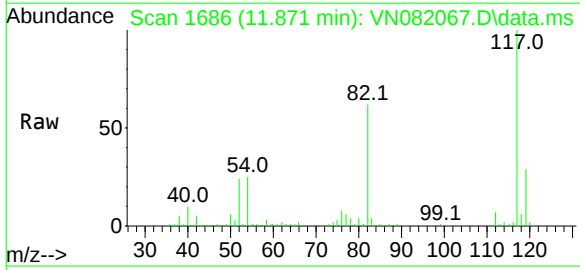
Tgt Ion: 95 Resp: 110788
Ion Ratio Lower Upper
95 100
174 63.3 0.0 160.6
176 59.8 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

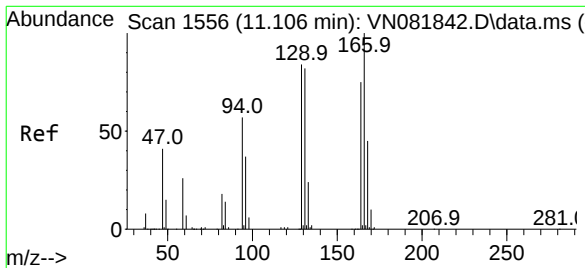
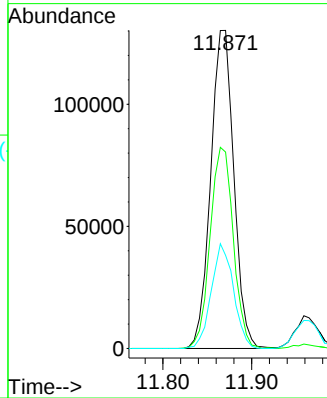
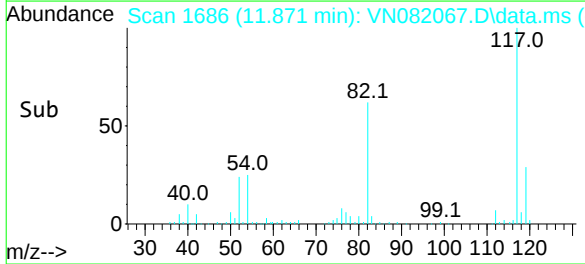
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion:117 Resp: 236177
Ion Ratio Lower Upper
117 100
82 61.8 44.6 66.8
119 29.3 25.9 38.9

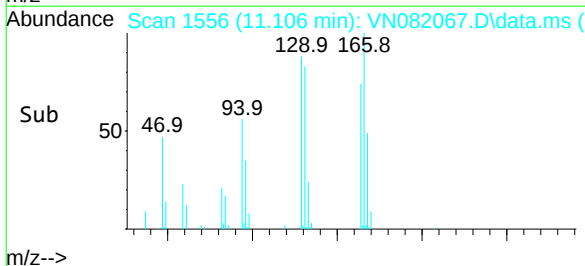
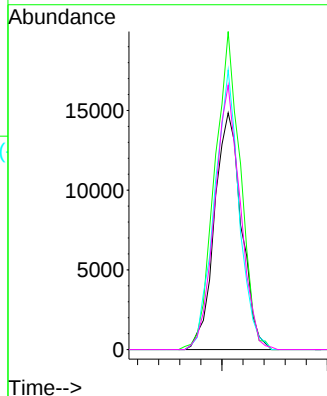
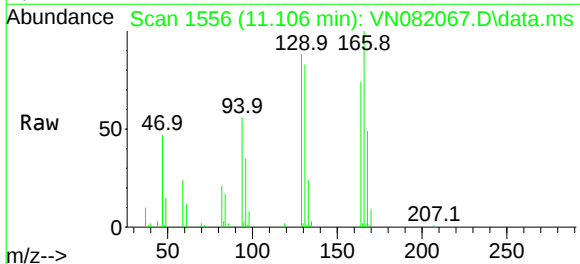
Manual Integrations
APPROVED

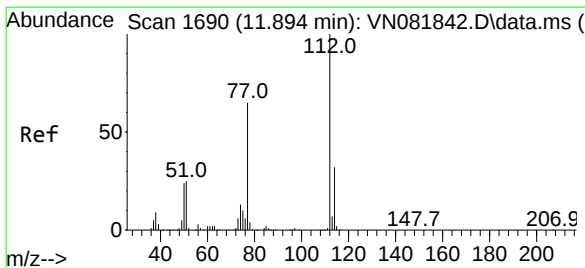
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#64
Tetrachloroethene
Concen: 15.416 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:164 Resp: 26444
Ion Ratio Lower Upper
164 100
166 134.3 97.6 146.4
129 118.1 73.7 110.5#
131 111.7 75.8 113.6





#65

Chlorobenzene

Concen: 18.983 ug/l

RT: 11.894 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion:112 Resp: 97905

Ion Ratio Lower Upper

112 100

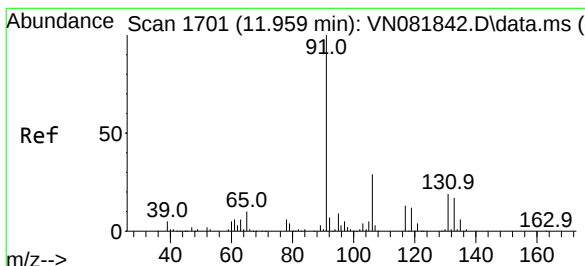
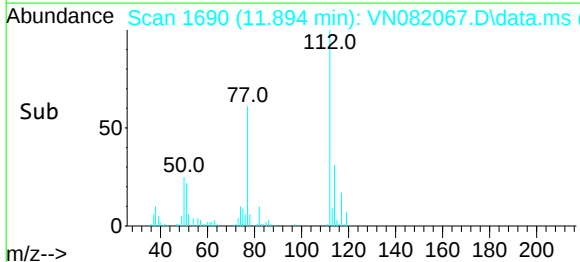
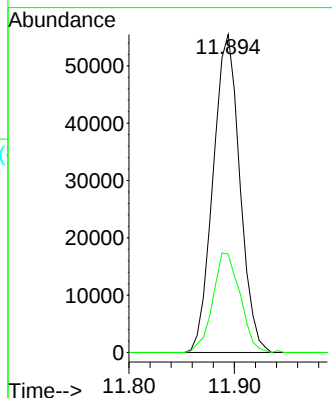
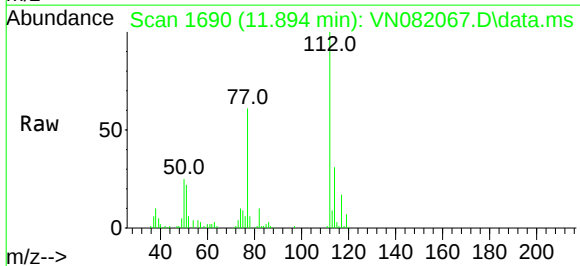
114 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.484 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

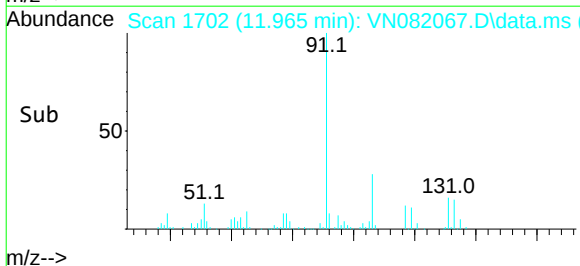
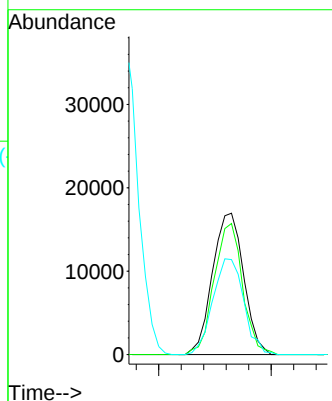
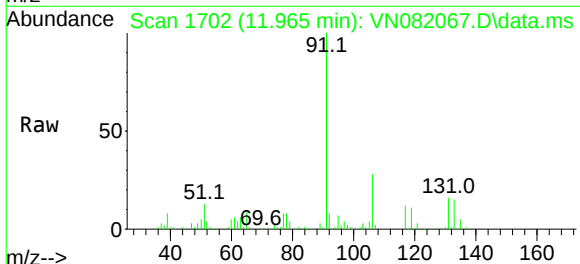
Tgt Ion:131 Resp: 32659

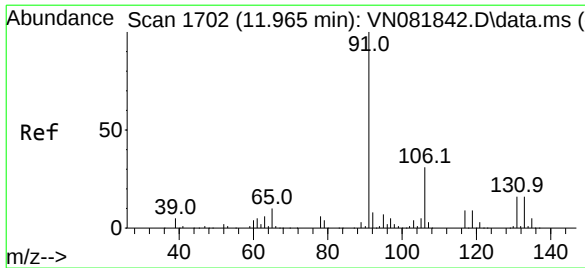
Ion Ratio Lower Upper

131 100

133 84.8 47.5 142.6

119 67.2 32.9 98.7





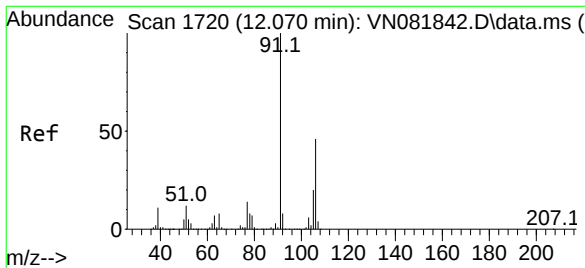
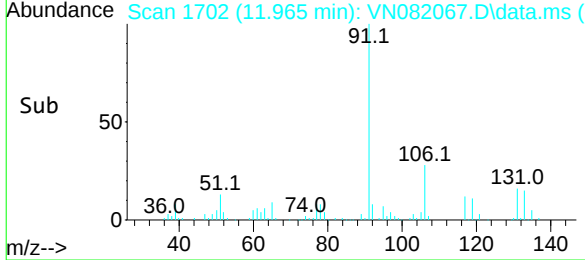
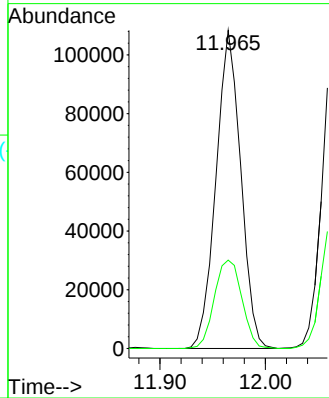
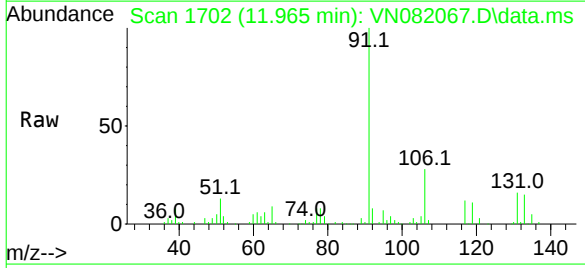
#67
Ethyl Benzene
Concen: 18.413 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion: 91 Resp: 176611
Ion Ratio Lower Upper
91 100
106 27.8 25.3 37.9

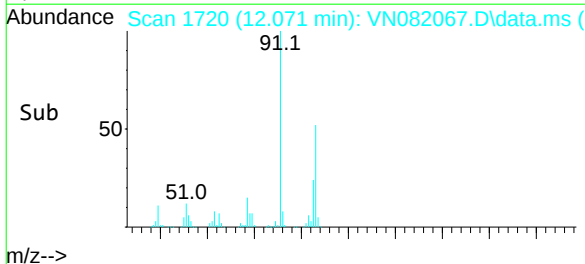
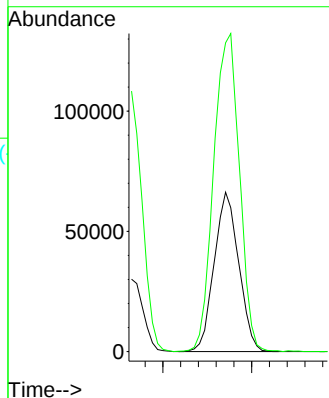
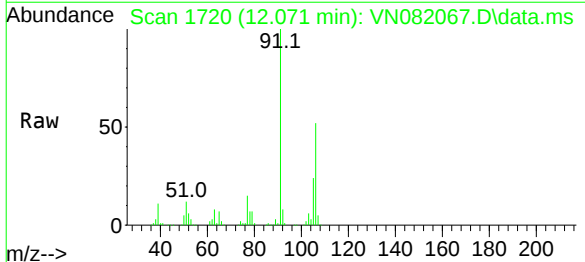
Manual Integrations
APPROVED

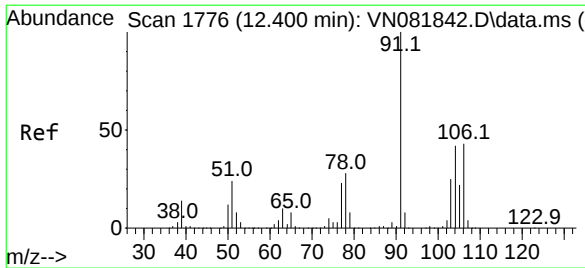
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#68
m/p-Xylenes
Concen: 37.194 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:106 Resp: 127252
Ion Ratio Lower Upper
106 100
91 209.5 159.4 239.0





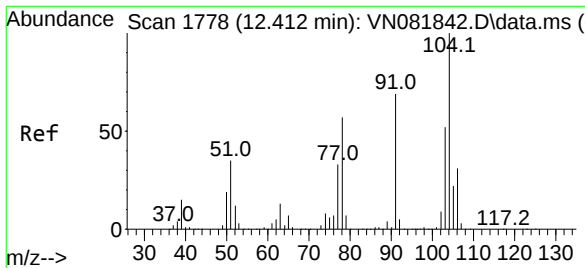
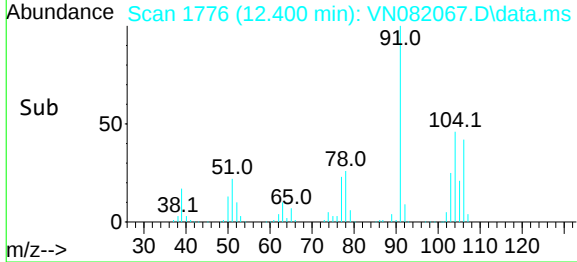
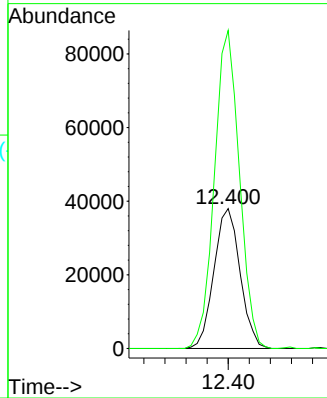
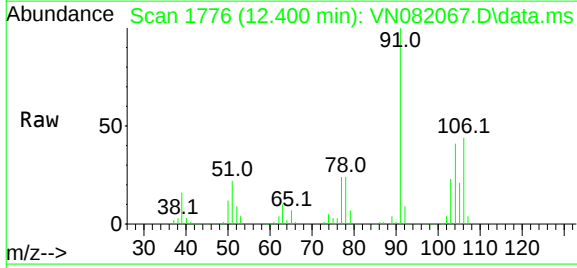
#69
o-Xylene
Concen: 19.592 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion:106 Resp: 65442
Ion Ratio Lower Upper
106 100
91 217.4 104.7 314.1

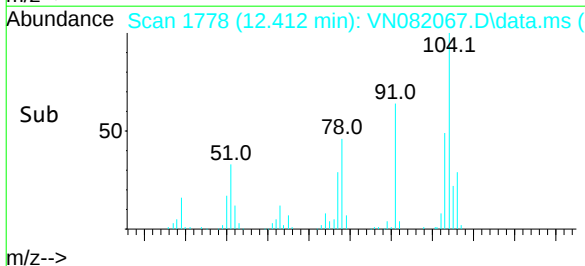
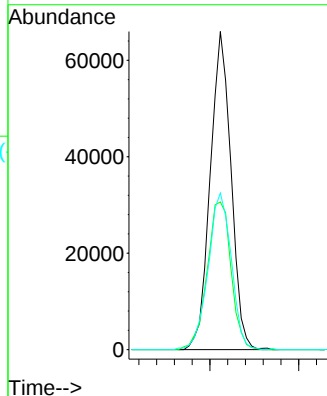
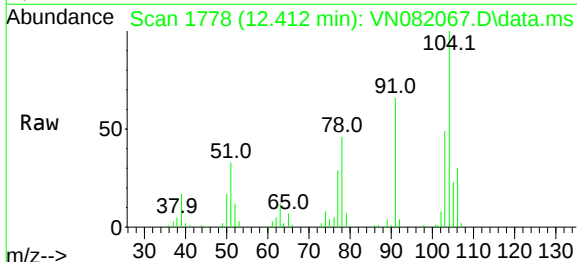
Manual Integrations
APPROVED

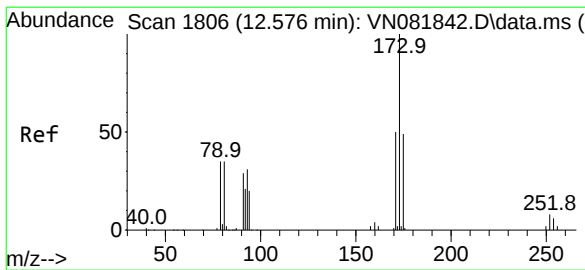
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#70
Styrene
Concen: 18.572 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:104 Resp: 107317
Ion Ratio Lower Upper
104 100
78 53.3 38.6 58.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 15.498 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

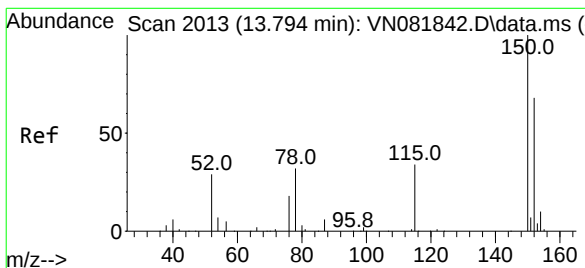
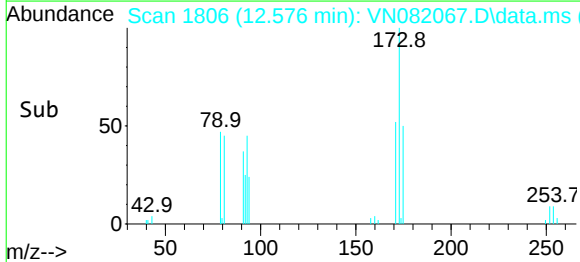
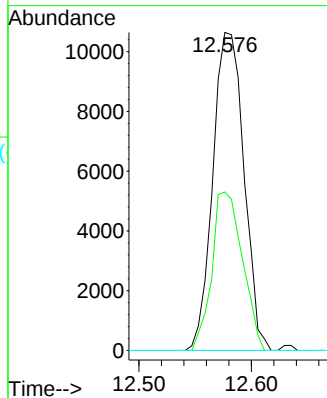
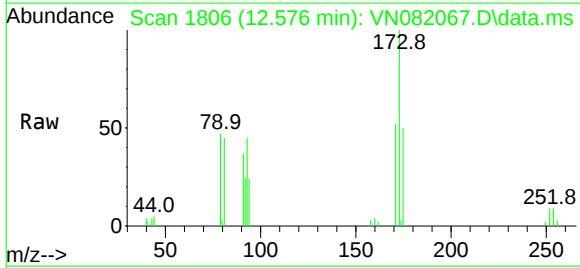
Tgt Ion:	173	Resp:	20423
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

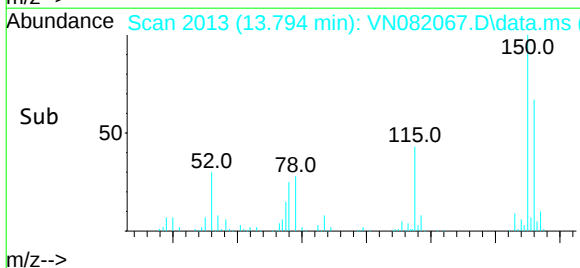
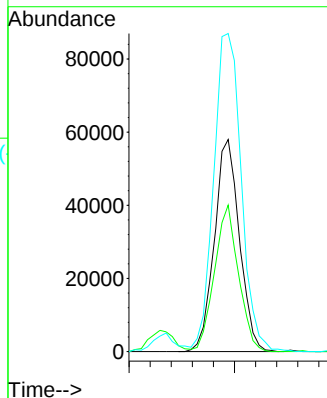
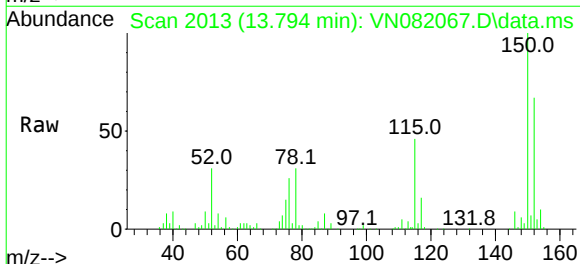
RT: 13.794 min Scan# 2013

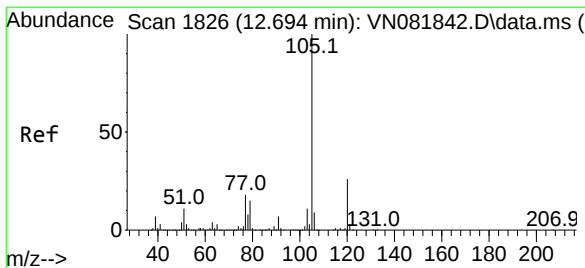
Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Tgt Ion:	152	Resp:	95559
Ion Ratio	Lower	Upper	
152	100		
115	66.3	30.4	91.3
150	165.2	0.0	353.2





#73

Isopropylbenzene

Concen: 18.847 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion:105 Resp: 160129

Ion Ratio Lower Upper

105 100

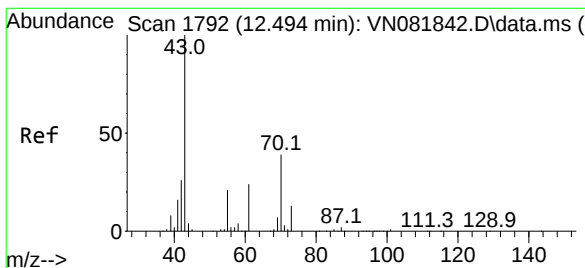
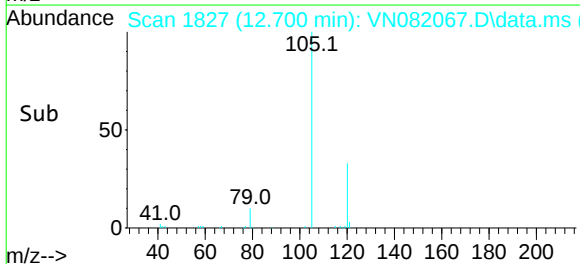
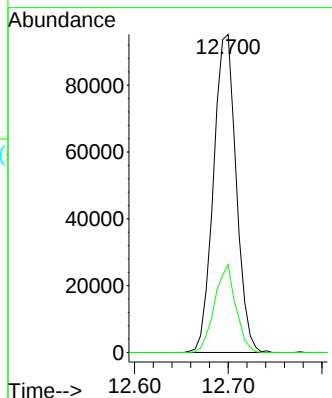
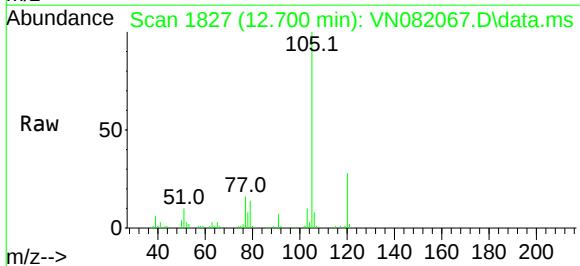
120 25.7 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#74

N-ethyl acetate

Concen: 19.607 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Tgt Ion: 43 Resp: 92744

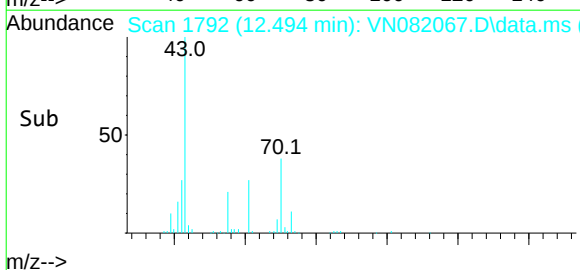
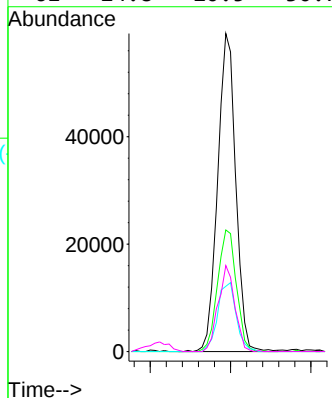
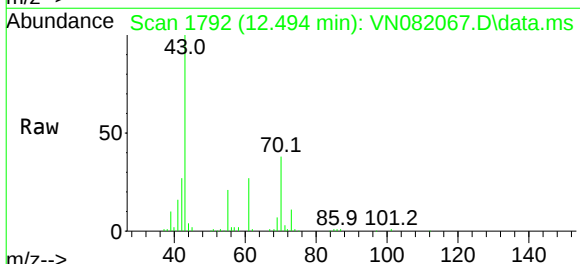
Ion Ratio Lower Upper

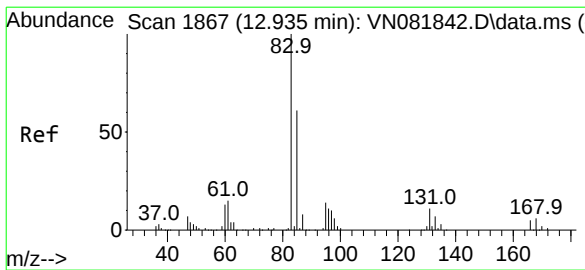
43 100

70 39.6 39.0 58.4

55 22.2 21.3 31.9

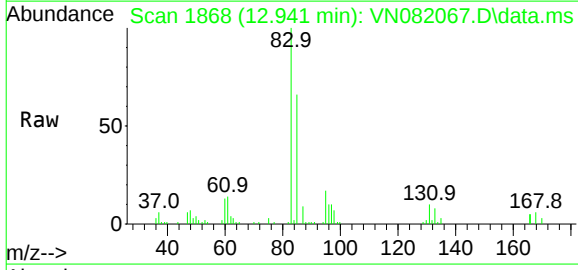
61 24.8 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.664 ug/l
RT: 12.941 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

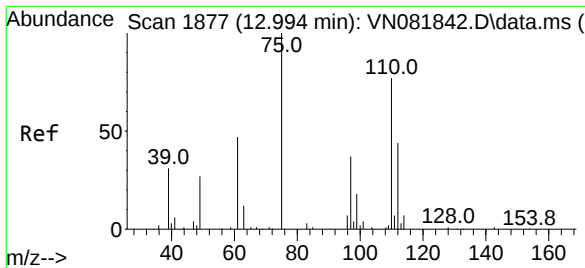
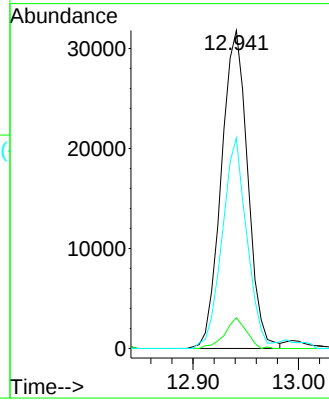
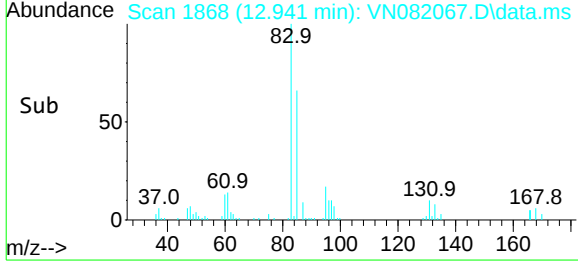
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion	83	Resp	55273
Ion	Ratio	Lower	Upper
83	100		
131	8.0	5.5	16.4
85	62.0	32.9	98.6

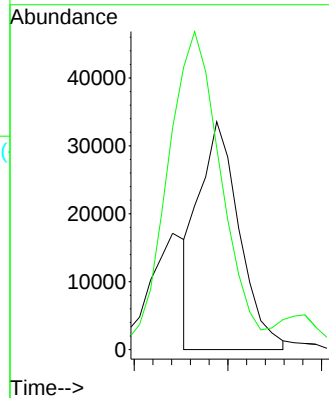
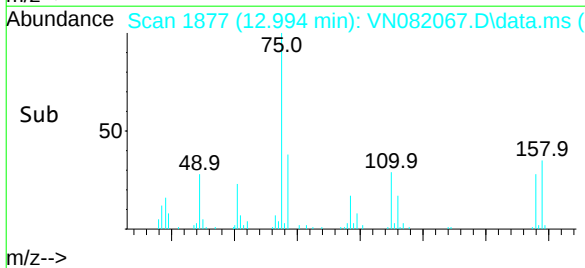
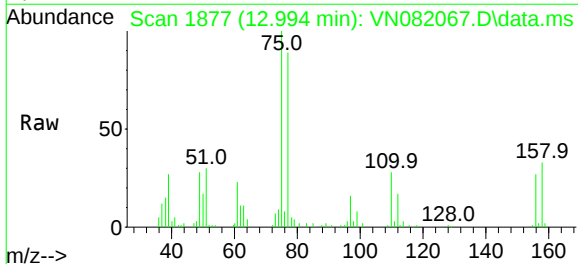
Manual Integrations
APPROVED

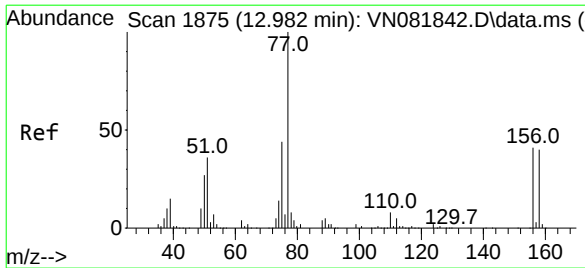
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#76
1,2,3-Trichloropropane
Concen: 20.549 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion	75	Resp	50913
Ion	Ratio	Lower	Upper
75	100		
77	183.7	90.5	271.3





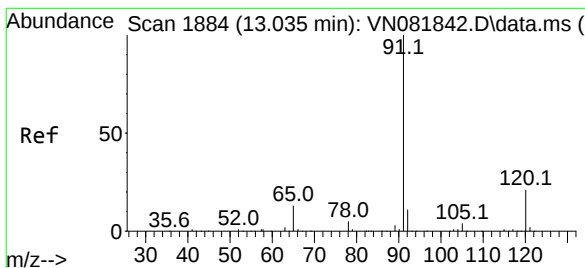
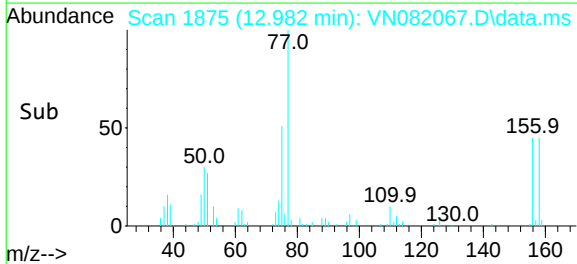
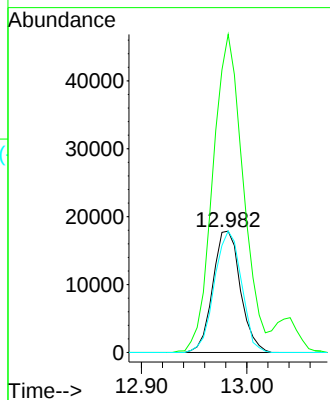
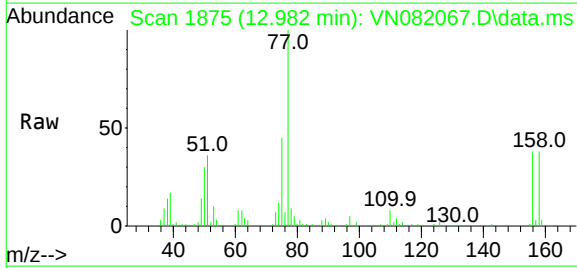
#77
Bromobenzene
Concen: 18.286 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion:156 Resp: 32511
Ion Ratio Lower Upper
156 100
77 287.6 100.2 300.6
158 98.0 49.1 147.3

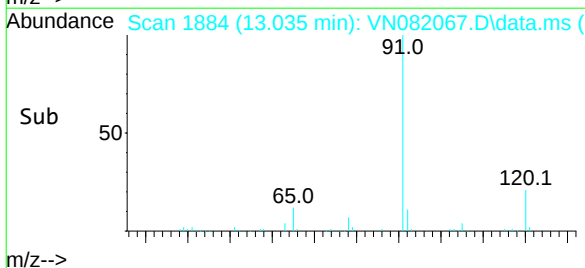
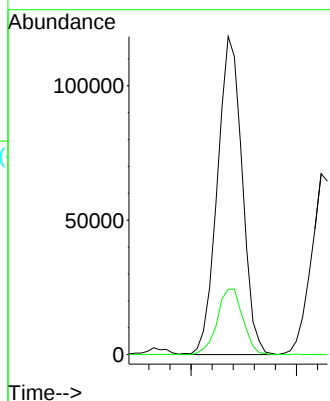
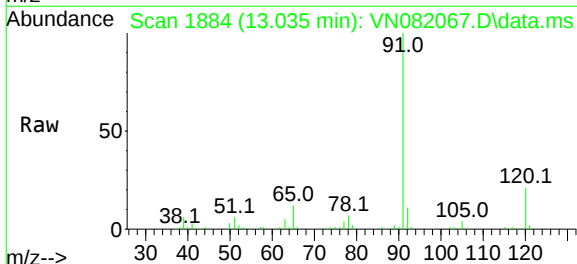
Manual Integrations
APPROVED

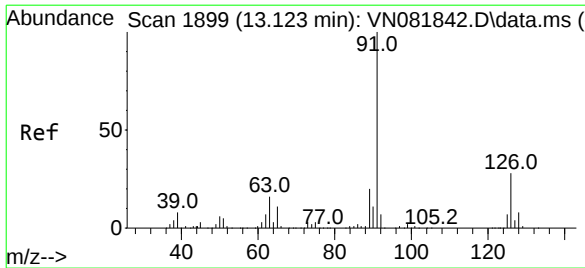
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#78
n-propylbenzene
Concen: 18.767 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion: 91 Resp: 193679
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 17.821 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

Tgt Ion: 91 Resp: 117013

Ion Ratio Lower Upper

91 100

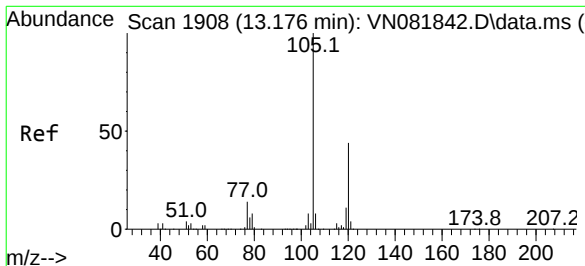
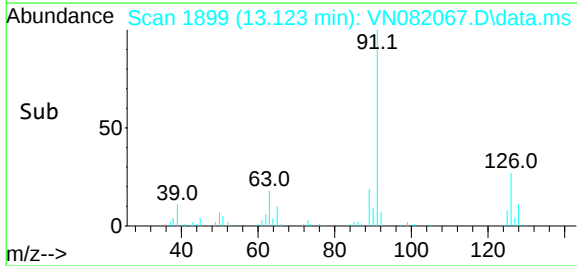
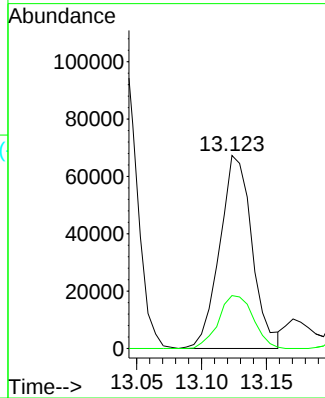
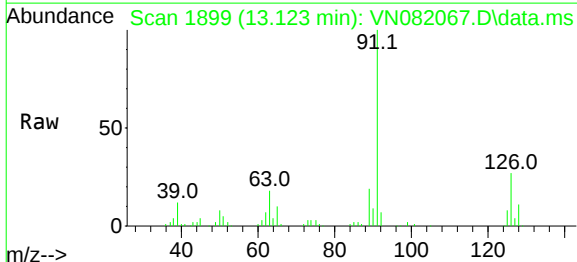
126 29.4 17.5 52.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#80

1,3,5-Trimethylbenzene

Concen: 18.117 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082067.D

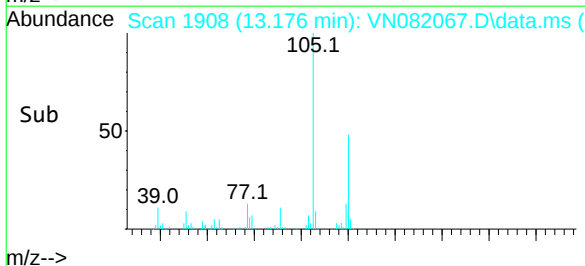
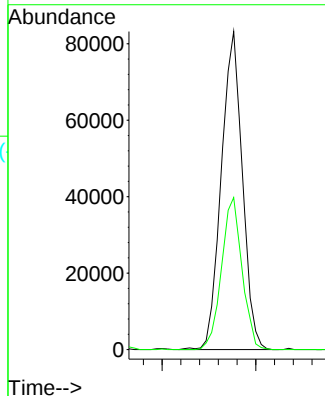
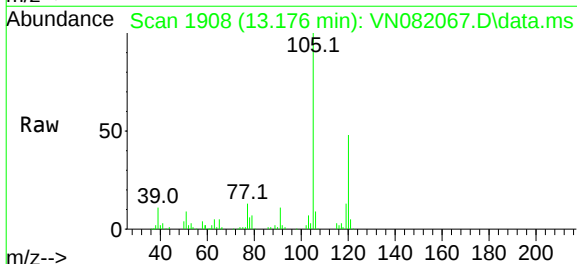
Acq: 10 May 2024 14:10

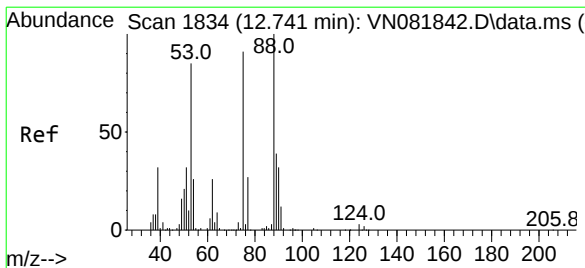
Tgt Ion:105 Resp: 130251

Ion Ratio Lower Upper

105 100

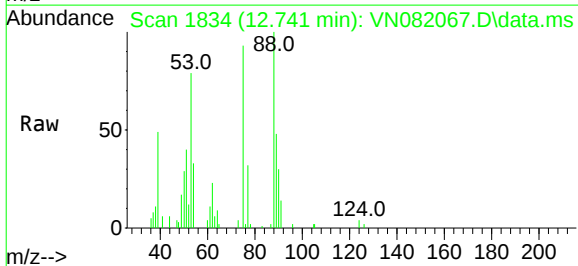
120 46.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.394 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

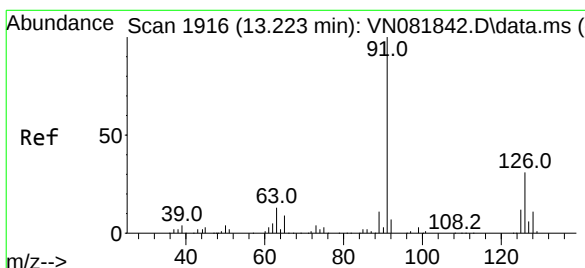
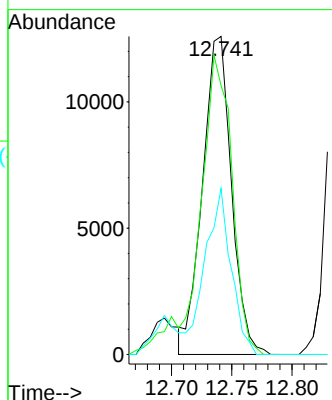
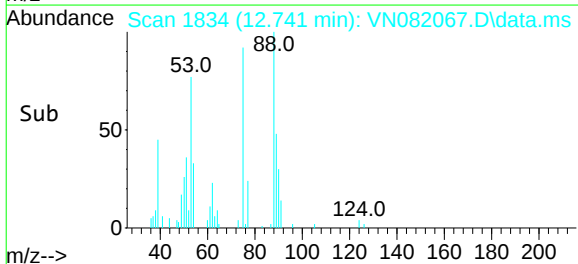
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



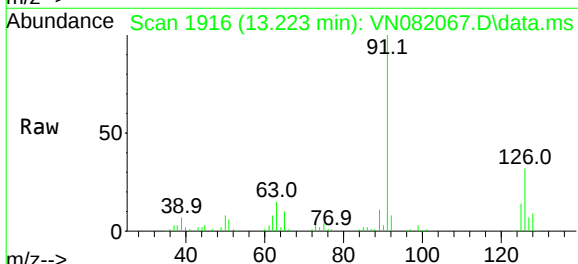
Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.0	72.9	109.3
89	46.6	39.1	58.7

Manual Integrations
APPROVED

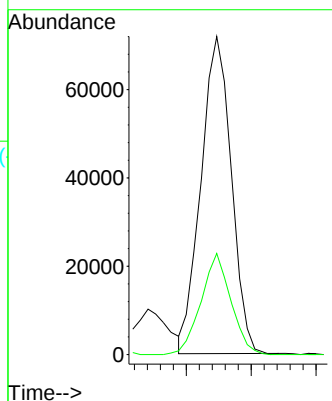
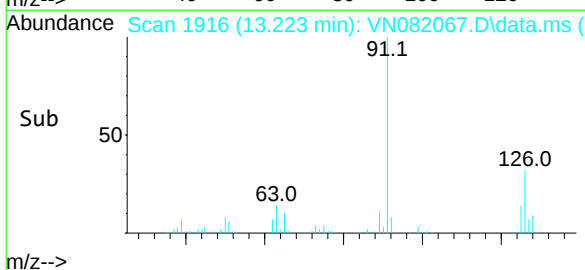
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

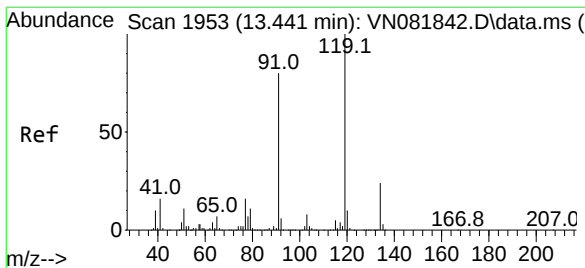


#82
4-Chlorotoluene
Concen: 18.297 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10



Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	17.4	52.3





#83

tert-Butylbenzene

Concen: 18.010 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

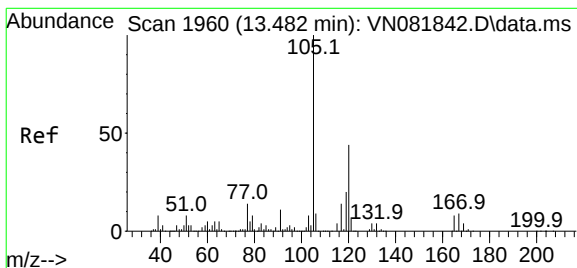
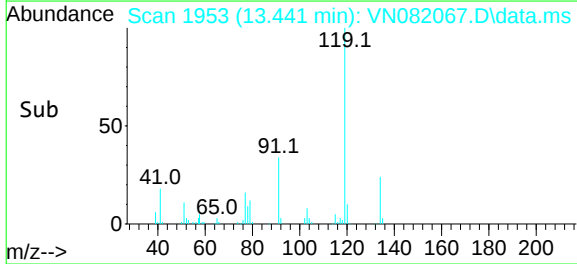
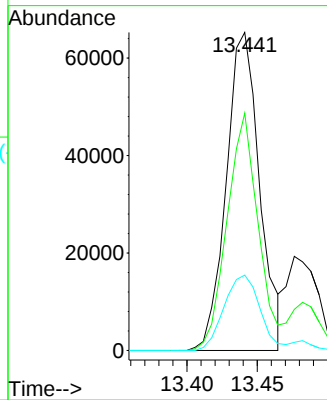
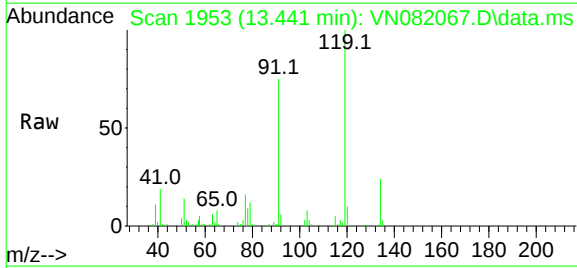
Tgt Ion:	119	Resp:	107827
Ion Ratio	Lower	Upper	
119	100		
91	69.3	32.6	97.8
134	25.5	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.451 ug/l

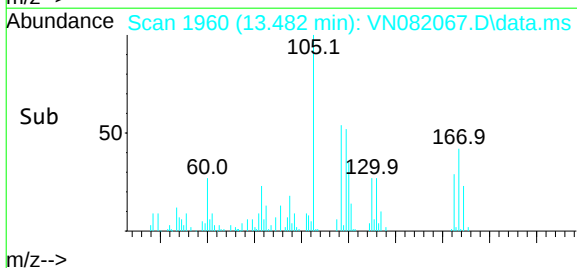
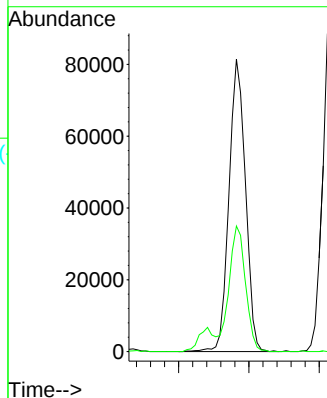
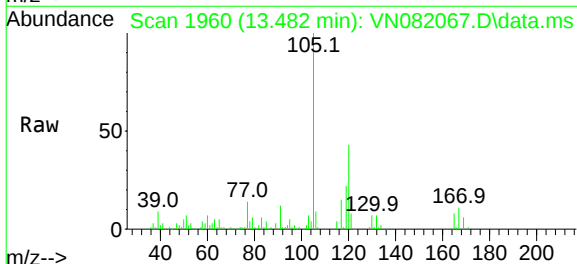
RT: 13.482 min Scan# 1960

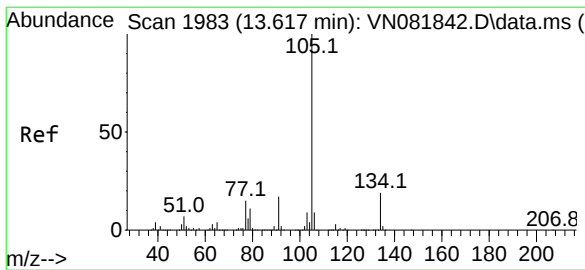
Delta R.T. 0.000 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Tgt Ion:	105	Resp:	132470
Ion Ratio	Lower	Upper	
105	100		
120	43.3	22.9	68.7





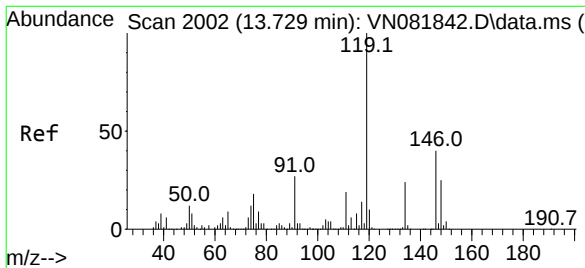
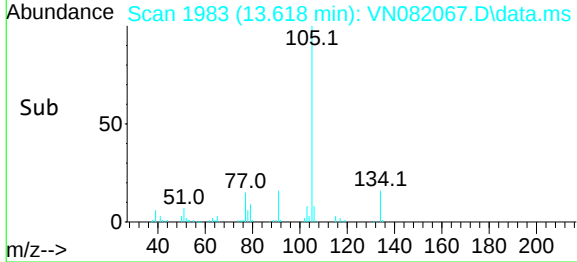
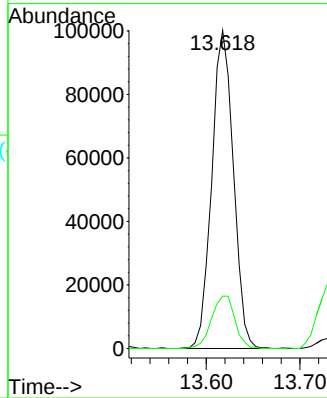
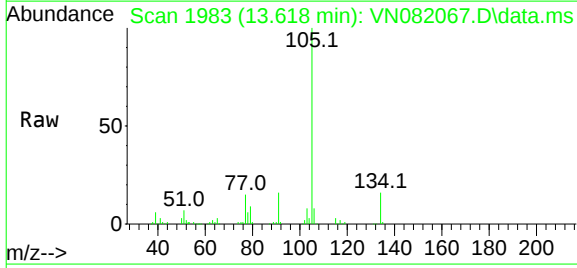
#85
sec-Butylbenzene
Concen: 19.033 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion:105 Resp: 160518
Ion Ratio Lower Upper
105 100
134 17.9 10.2 30.4

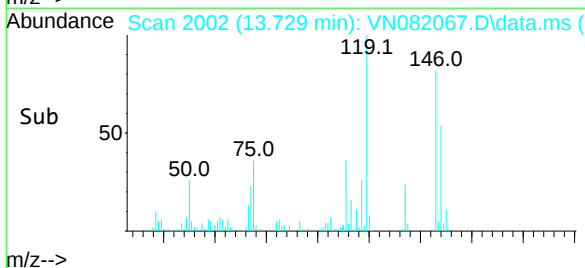
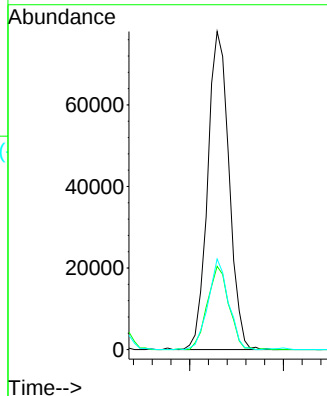
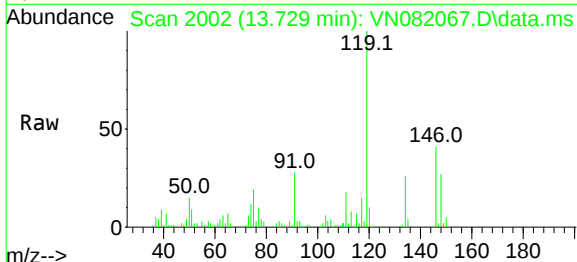
Manual Integrations
APPROVED

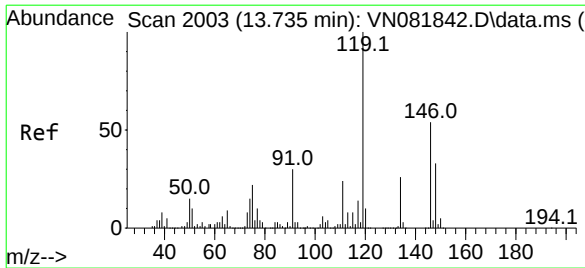
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#86
p-Isopropyltoluene
Concen: 18.239 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:119 Resp: 123507
Ion Ratio Lower Upper
119 100
134 26.5 13.2 39.5
91 27.1 11.8 35.3





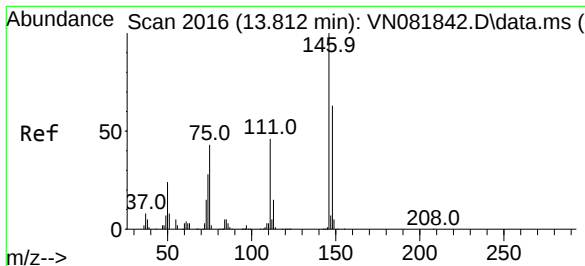
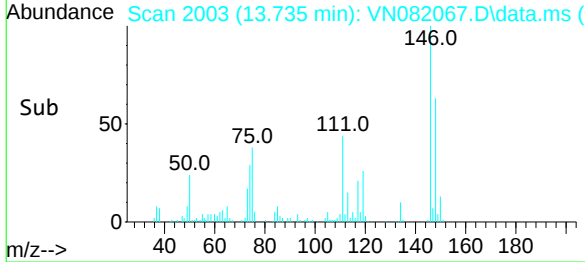
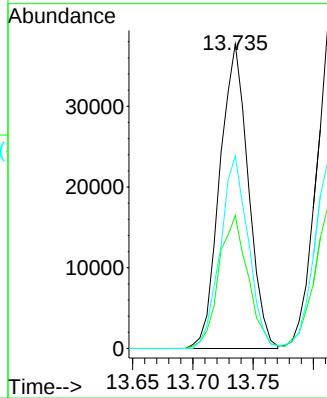
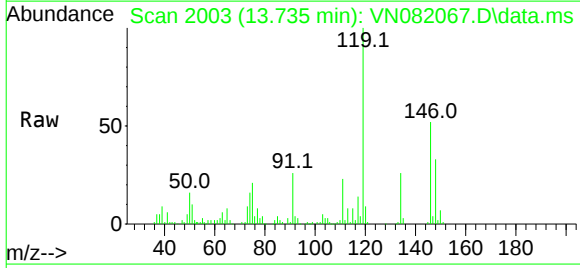
#87
1,3-Dichlorobenzene
Concen: 18.726 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion:146 Resp: 62121
Ion Ratio Lower Upper
146 100
111 44.9 20.8 62.5
148 61.6 32.1 96.3

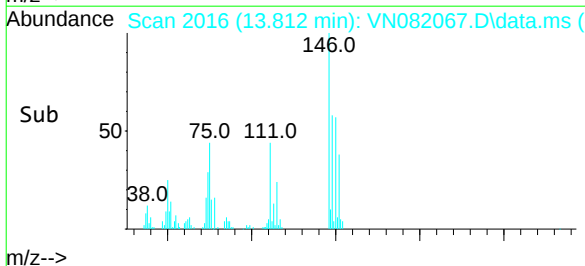
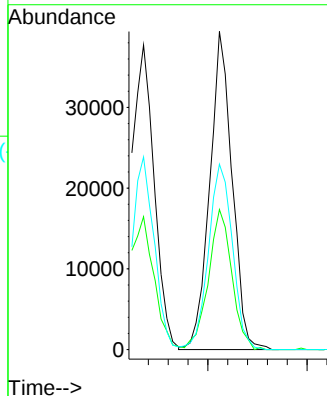
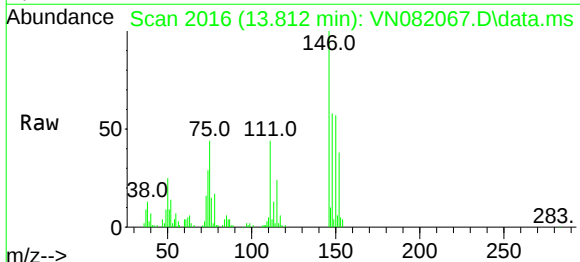
Manual Integrations
APPROVED

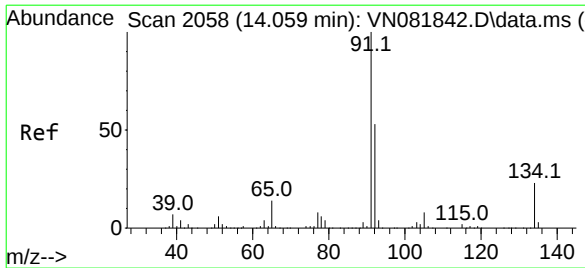
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#88
1,4-Dichlorobenzene
Concen: 18.913 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

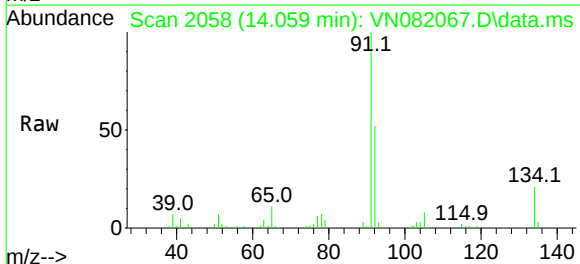
Tgt Ion:146 Resp: 61784
Ion Ratio Lower Upper
146 100
111 46.0 19.3 57.9
148 62.6 31.3 93.9





#89
n-Butylbenzene
Concen: 18.910 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

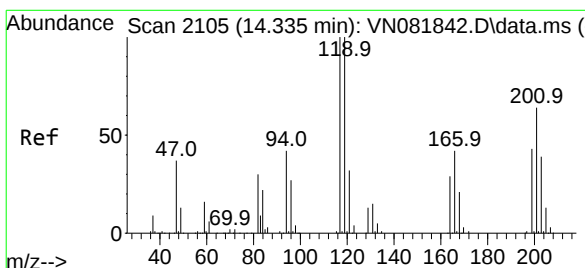
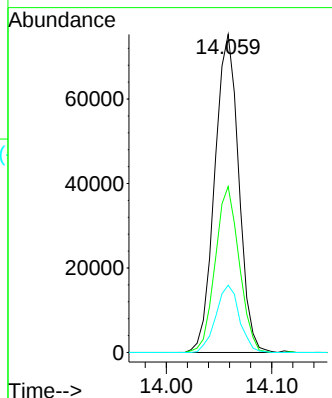
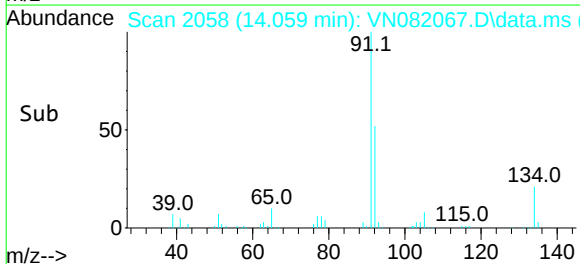
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



Tgt Ion: 91 Resp: 119189
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 20.8 13.2 39.5

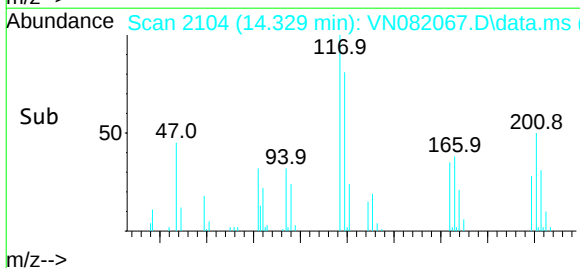
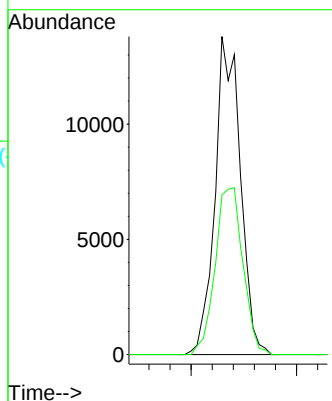
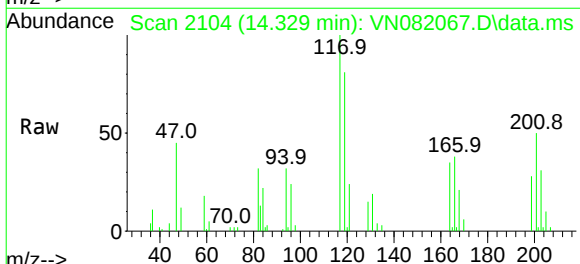
Manual Integrations
APPROVED

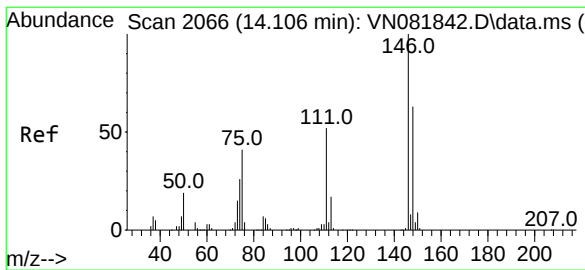
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#90
Hexachloroethane
Concen: 17.289 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Tgt Ion:117 Resp: 23030
Ion Ratio Lower Upper
117 100
201 57.6 33.3 99.8





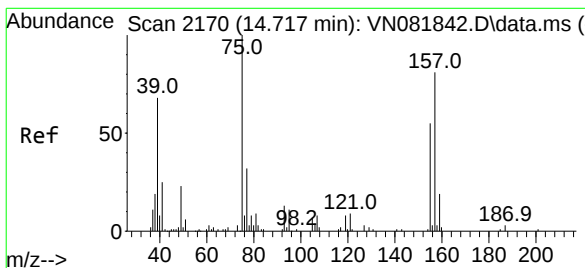
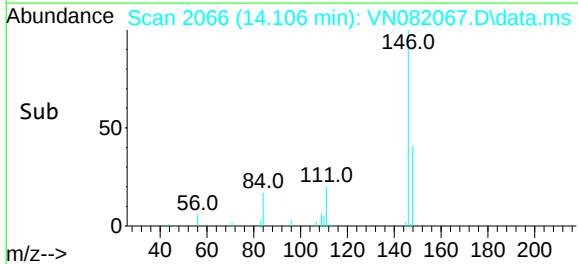
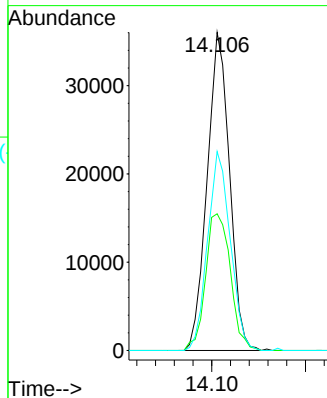
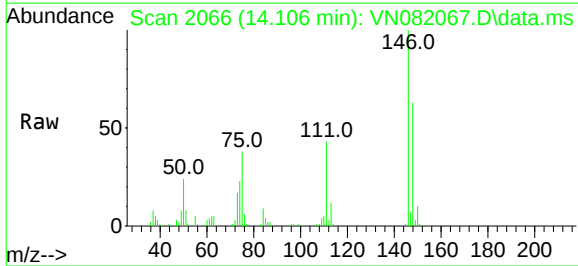
#91
1,2-Dichlorobenzene
Concen: 18.824 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.6	21.3	64.0
148	63.5	31.8	95.4

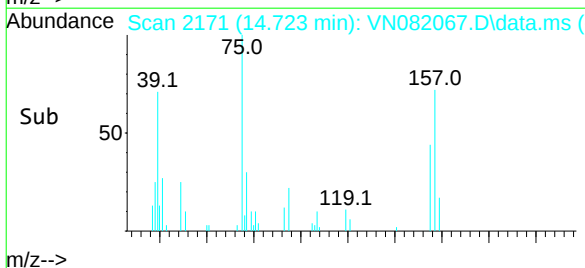
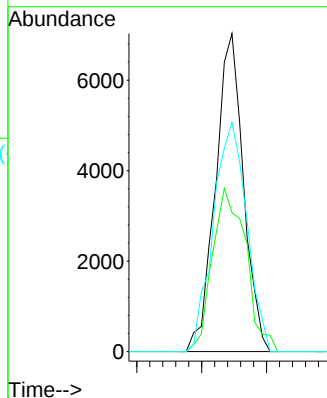
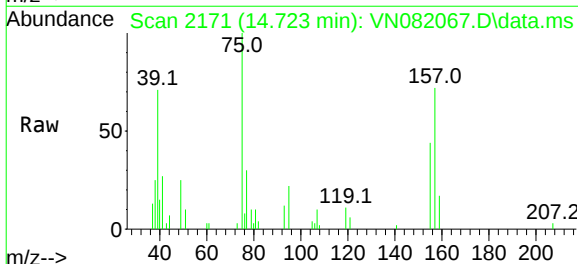
Manual Integrations
APPROVED

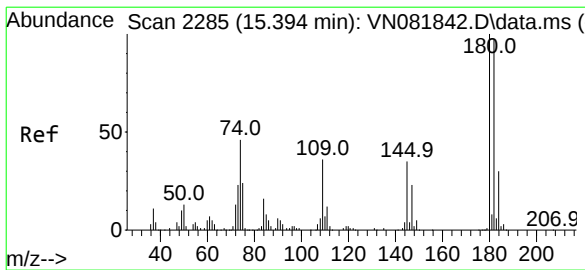
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.944 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

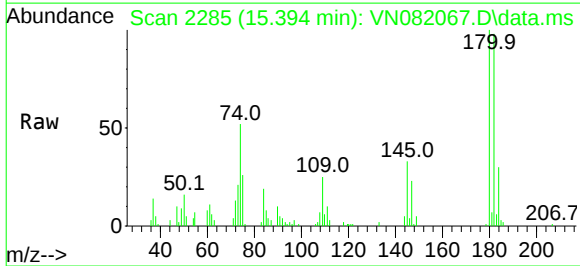
Tgt Ion	Ratio	Lower	Upper
75	100		
155	61.5	42.6	128.0
157	86.2	53.0	159.0





#93
1,2,4-Trichlorobenzene
Concen: 17.167 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10

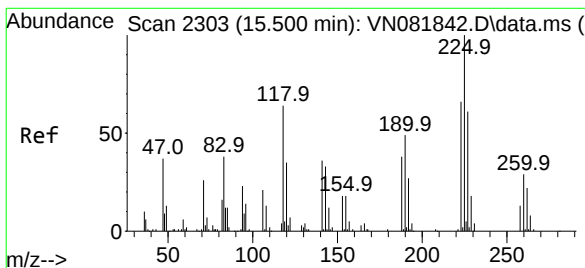
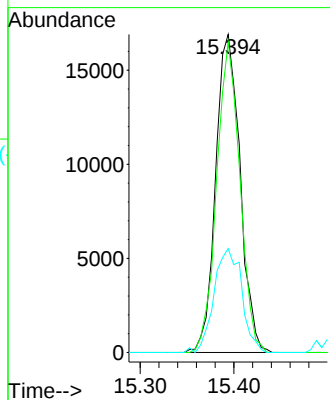
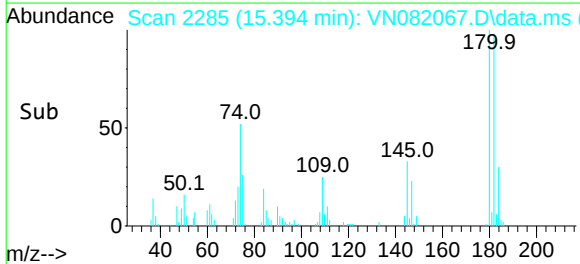
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01



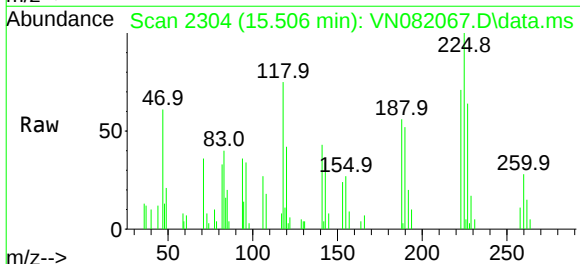
Tgt Ion:180 Resp: 30542
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.0
145 37.1 16.2 48.6

Manual Integrations
APPROVED

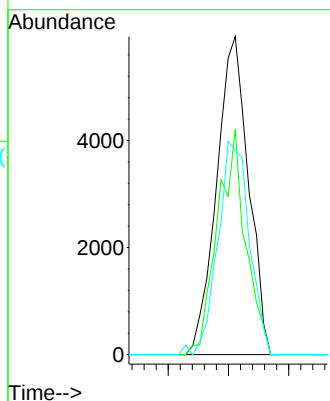
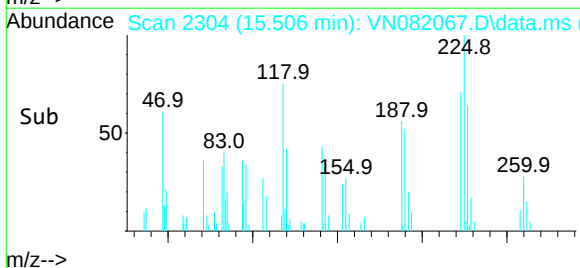
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

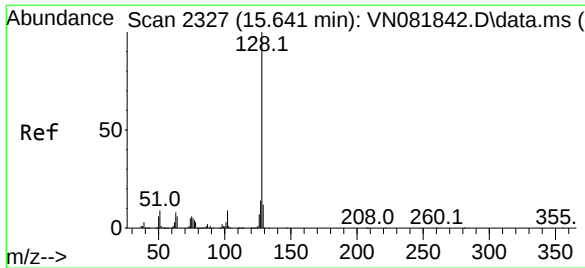


#94
Hexachlorobutadiene
Concen: 16.684 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082067.D
Acq: 10 May 2024 14:10



Tgt Ion:225 Resp: 10941
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 66.1 30.6 91.6





#95

Naphthalene

Concen: 17.781 ug/l

RT: 15.647 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD01

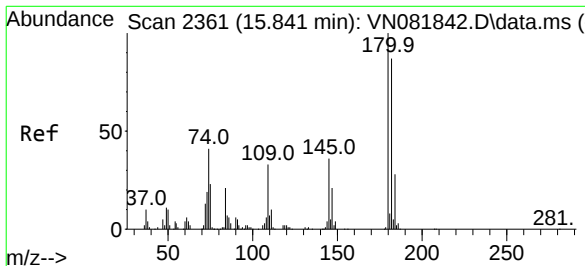
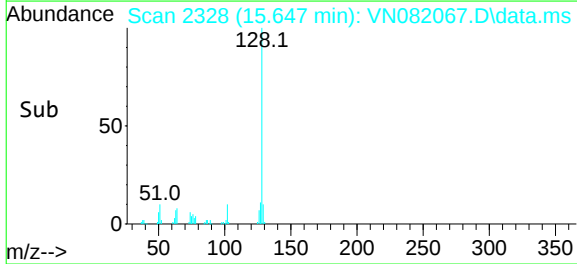
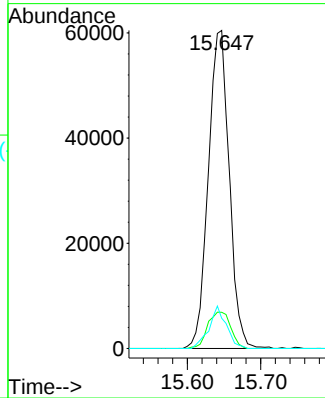
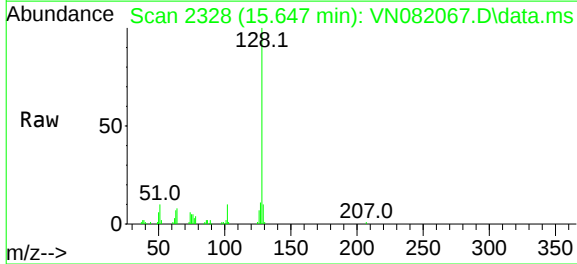
Tgt Ion:	128	Resp:	119536
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.467 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082067.D

Acq: 10 May 2024 14:10

Tgt Ion:	180	Resp:	29836
Ion Ratio	Lower	Upper	
180	100		
182	96.6	46.0	137.8
145	39.5	17.1	51.3

