

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082044.D
 Acq On : 09 May 2024 12:34
 Operator : JC\MD
 Sample : VN0509WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

Quant Time: May 10 03:49:23 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	8.224	168	130602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	267612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	239098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122974	55.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.580%	
35) Dibromofluoromethane	8.165	113	84551	52.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.960%	
50) Toluene-d8	10.571	98	347745	54.953	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.900%	
62) 4-Bromofluorobenzene	12.853	95	116400	46.532	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	35693	19.469	ug/l	96
3) Chloromethane	2.359	50	40172	21.004	ug/l	97
4) Vinyl Chloride	2.518	62	40530	23.410	ug/l	95
5) Bromomethane	2.965	94	18933	22.930	ug/l	100
6) Chloroethane	3.124	64	23953	27.374	ug/l	# 86
7) Trichlorofluoromethane	3.495	101	49589	18.516	ug/l	94
8) Diethyl Ether	3.971	74	25635	22.533	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	34732	22.338	ug/l	90
10) Methyl Iodide	4.589	142	28545	20.960	ug/l	# 93
11) Tert butyl alcohol	5.512	59	38947	97.196	ug/l	96
12) 1,1-Dichloroethene	4.342	96	32414	20.491	ug/l	83
13) Acrolein	4.183	56	31628	96.691	ug/l	94
14) Allyl chloride	5.018	41	62110	18.563	ug/l	# 88
15) Acrylonitrile	5.718	53	107247	111.461	ug/l	98
16) Acetone	4.424	43	76935	115.082	ug/l	97
17) Carbon Disulfide	4.712	76	84827	17.842	ug/l	99
18) Methyl Acetate	5.024	43	58997	26.425	ug/l	# 89
19) Methyl tert-butyl Ether	5.794	73	126654	21.219	ug/l	94
20) Methylene Chloride	5.271	84	41596	22.020	ug/l	# 83
21) trans-1,2-Dichloroethene	5.783	96	35310	20.473	ug/l	88
22) Diisopropyl ether	6.671	45	150824	23.295	ug/l	# 92
23) Vinyl Acetate	6.600	43	572922	108.905	ug/l	# 92
24) 1,1-Dichloroethane	6.565	63	75003	22.256	ug/l	97
25) 2-Butanone	7.483	43	141147	112.822	ug/l	93
26) 2,2-Dichloropropane	7.494	77	59835	19.301	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	43551	21.609	ug/l	84
28) Bromochloromethane	7.806	49	42709	26.665	ug/l	# 74
29) Tetrahydrofuran	7.836	42	97132	108.268	ug/l	87
30) Chloroform	7.965	83	70988	21.252	ug/l	100
31) Cyclohexane	8.259	56	67174	20.230	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	54787	18.392	ug/l	94
36) 1,1-Dichloropropene	8.371	75	50569	19.291	ug/l	95
37) Ethyl Acetate	7.559	43	58934	20.794	ug/l	98
38) Carbon Tetrachloride	8.365	117	44864	17.512	ug/l	95
39) Methylcyclohexane	9.600	83	59667	18.742	ug/l	90
40) Benzene	8.606	78	167639	21.304	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33504	18.526	ug/l	93
42) 1,2-Dichloroethane	8.671	62	57831	19.791	ug/l	97
43) Isopropyl Acetate	8.688	43	108838	20.423	ug/l #	92
44) Trichloroethene	9.359	130	31492	17.358	ug/l	93
45) 1,2-Dichloropropane	9.630	63	45005	21.853	ug/l	93
46) Dibromomethane	9.712	93	26273	18.458	ug/l	85
47) Bromodichloromethane	9.888	83	55923	18.629	ug/l #	96
48) Methyl methacrylate	9.677	41	47784	18.783	ug/l	90
49) 1,4-Dioxane	9.694	88	15114	390.878	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	318617	106.207	ug/l	95
52) Toluene	10.629	92	96940	20.571	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	62092	19.010	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	68284	20.284	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	39885	21.521	ug/l	99
56) Ethyl methacrylate	10.877	69	68073	19.289	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	70771	21.479	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	197589	122.904	ug/l #	86
59) 2-Hexanone	11.194	43	236597	105.974	ug/l	92
60) Dibromochloromethane	11.359	129	38059	19.389	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34799	19.635	ug/l	100
64) Tetrachloroethene	11.100	164	27669	15.933	ug/l	94
65) Chlorobenzene	11.894	112	100400	19.229	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	30771	18.133	ug/l	95
67) Ethyl Benzene	11.965	91	182139	18.757	ug/l	95
68) m/p-Xylenes	12.076	106	136510	39.412	ug/l	98
69) o-Xylene	12.400	106	66196	19.576	ug/l	95
70) Styrene	12.412	104	111393	19.042	ug/l	96
71) Bromoform	12.576	173	21437	16.069	ug/l #	97
73) Isopropylbenzene	12.694	105	165459	19.629	ug/l	98
74) N-amyl acetate	12.494	43	96013	20.459	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	54921	21.697	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	48705m	19.814	ug/l	
77) Bromobenzene	12.982	156	33574	19.034	ug/l	61
78) n-propylbenzene	13.035	91	204259	19.950	ug/l	95
79) 2-Chlorotoluene	13.129	91	121174	18.602	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	133364	18.697	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	21495	17.919	ug/l	88
82) 4-Chlorotoluene	13.223	91	122355	19.347	ug/l	88
83) tert-Butylbenzene	13.441	119	114351	19.251	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	135519	19.025	ug/l	100
85) sec-Butylbenzene	13.618	105	170477	20.375	ug/l	94
86) p-Isopropyltoluene	13.729	119	130525	19.429	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	63483	19.289	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	65819	20.308	ug/l	94
89) n-Butylbenzene	14.059	91	124907	19.974	ug/l	98
90) Hexachloroethane	14.335	117	24443	18.495	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	62043	19.664	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10769	17.475	ug/l	78
93) 1,2,4-Trichlorobenzene	15.400	180	30681	17.382	ug/l	97
94) Hexachlorobutadiene	15.506	225	11411	17.539	ug/l	96
95) Naphthalene	15.641	128	121837	18.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31387	18.520	ug/l	95

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Response via : Initial Calibration

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

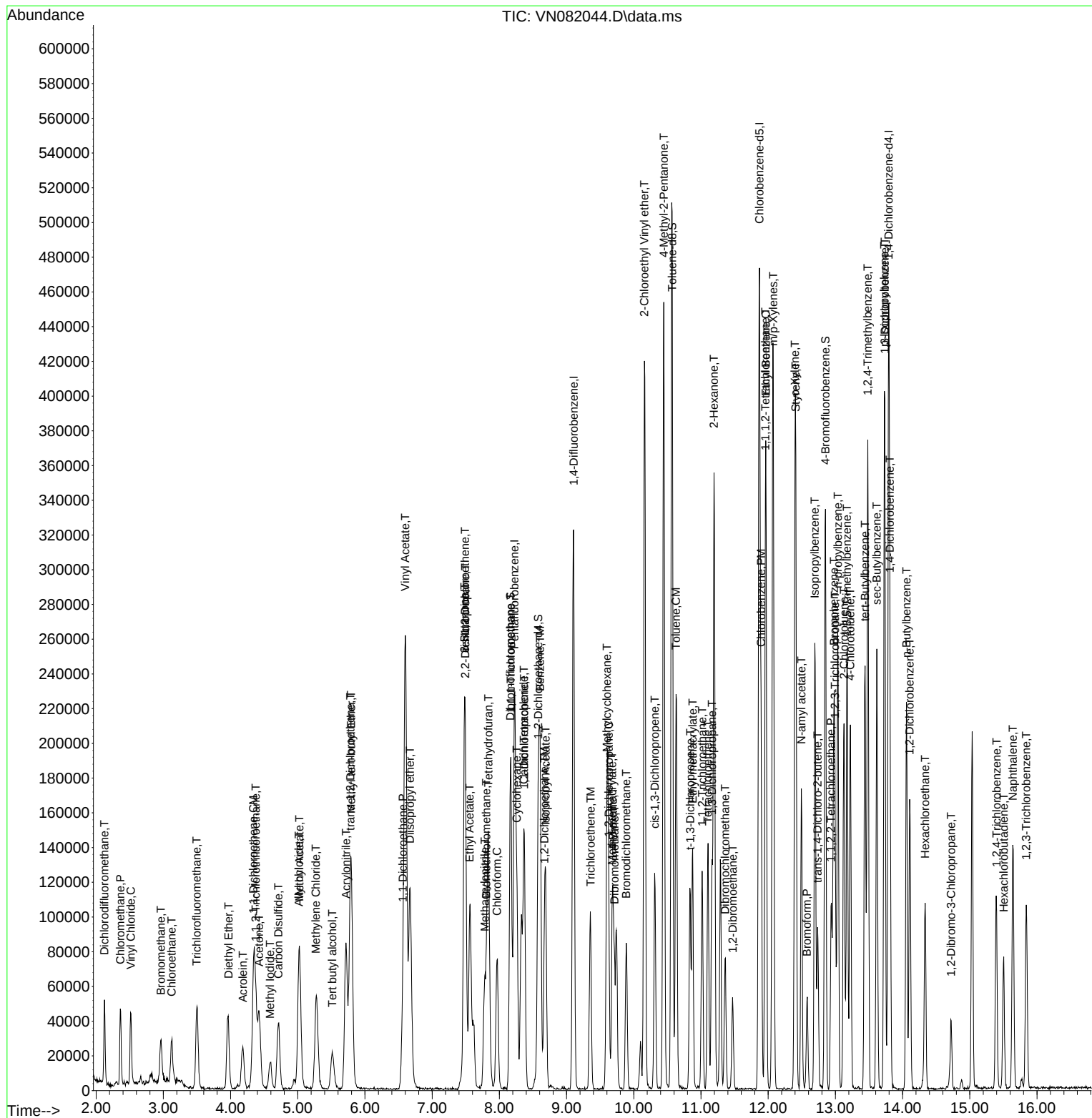
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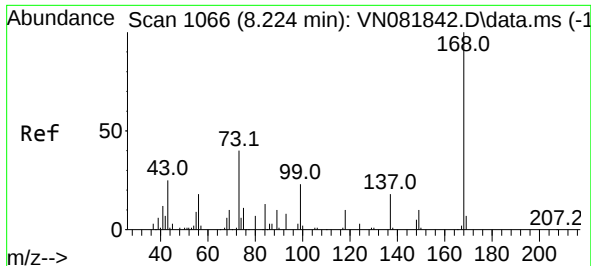
Instrument :
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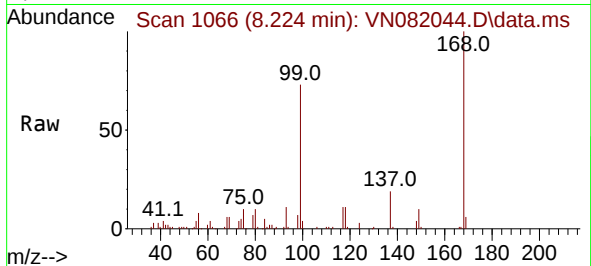
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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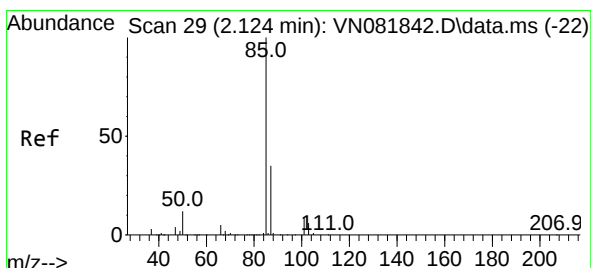
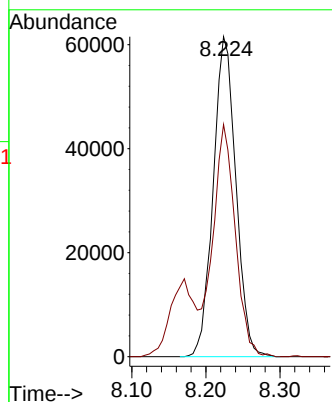
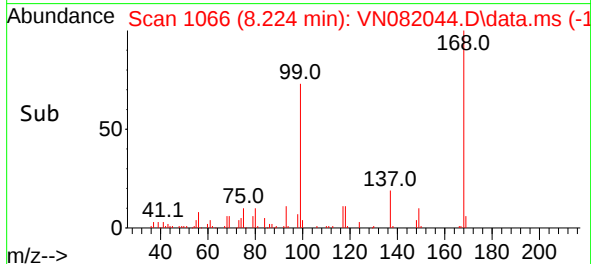
Instrument :
MSVOA_N
ClientSampleId :
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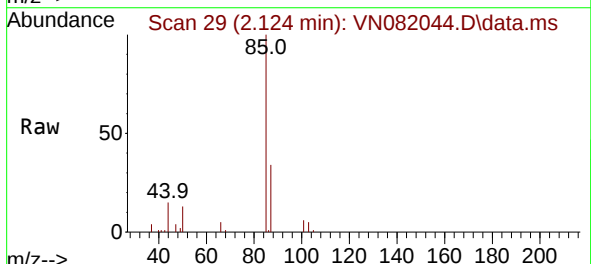
Tgt Ion:168 Resp: 130602
Ion Ratio Lower Upper
168 100
99 72.5 48.2 72.4

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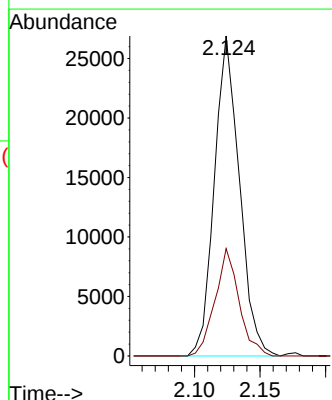
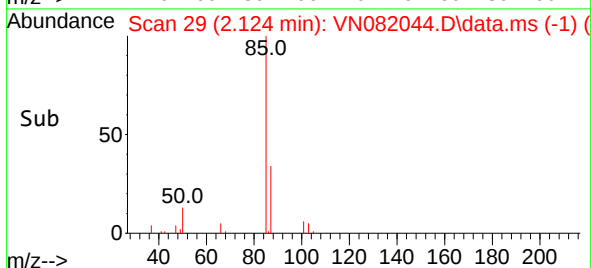
Reviewed By :John Carlone 05/10/2024
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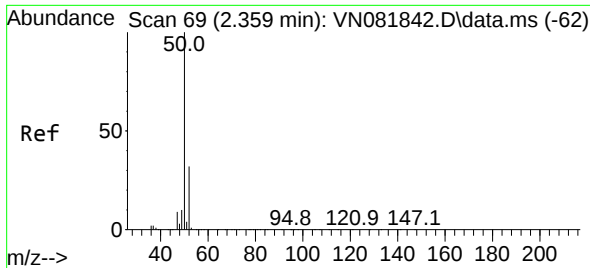


#2
Dichlorodifluoromethane
Concen: 19.469 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion: 85 Resp: 35693
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





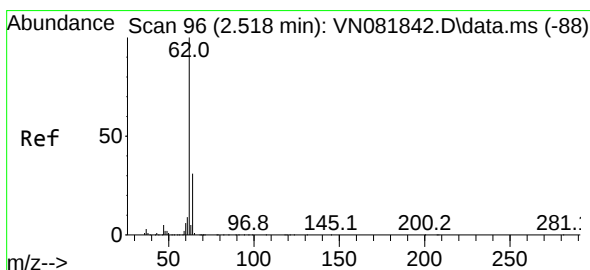
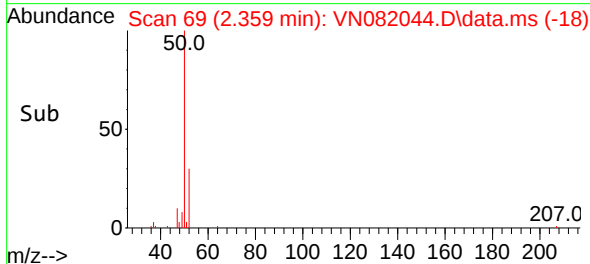
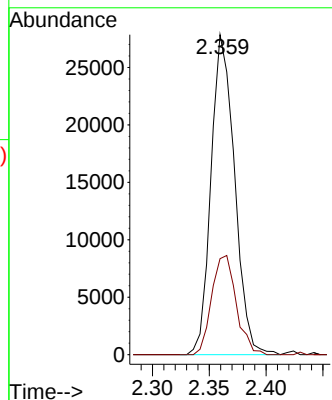
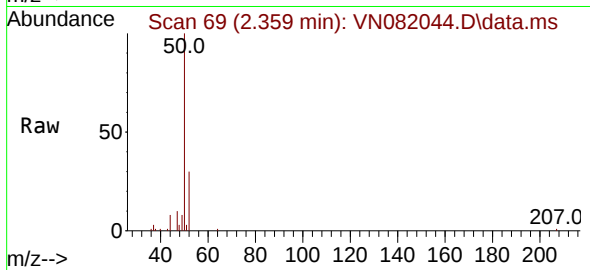
#3
Chloromethane
Concen: 21.004 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
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Tgt Ion: 50 Resp: 40172
Ion Ratio Lower Upper
50 100
52 30.0 25.5 38.3

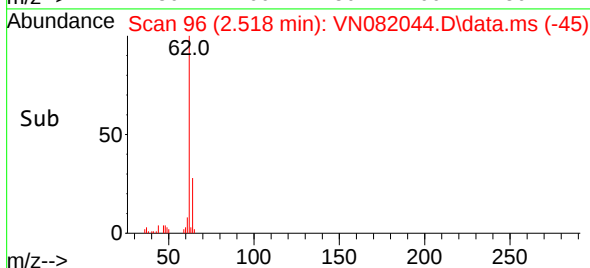
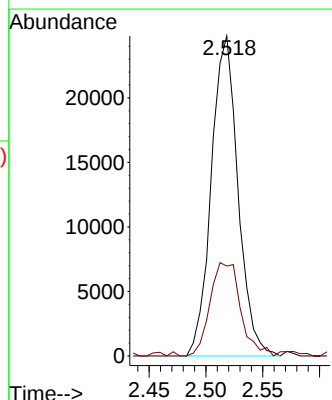
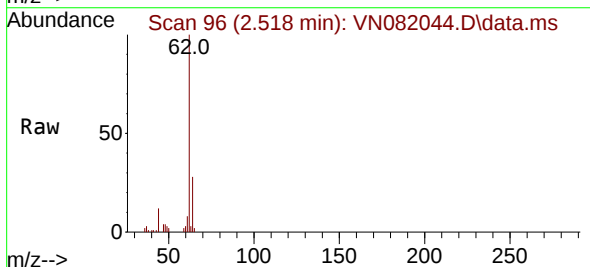
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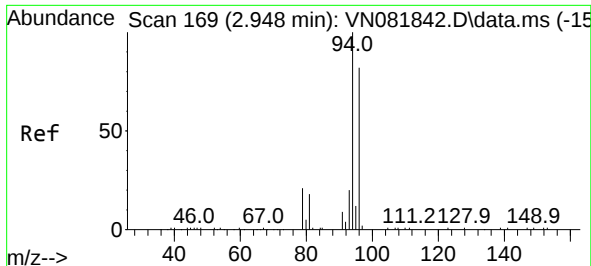
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#4
Vinyl Chloride
Concen: 23.410 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

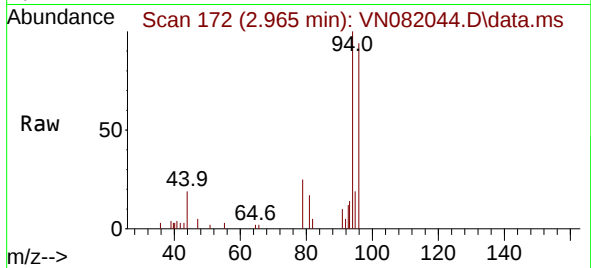
Tgt Ion: 62 Resp: 40530
Ion Ratio Lower Upper
62 100
64 28.1 24.6 37.0





#5
Bromomethane
Concen: 22.930 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.017 min
Lab File: VN082044.D
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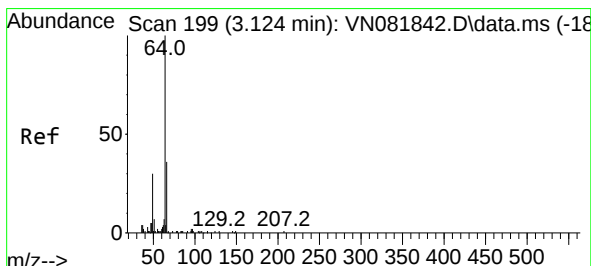
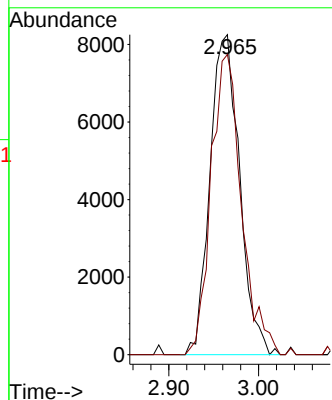
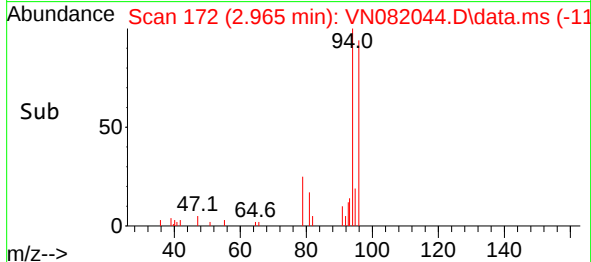
Instrument :
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Tgt Ion: 94 Resp: 1893
Ion Ratio Lower Upper
94 100
96 93.8 74.8 112.2

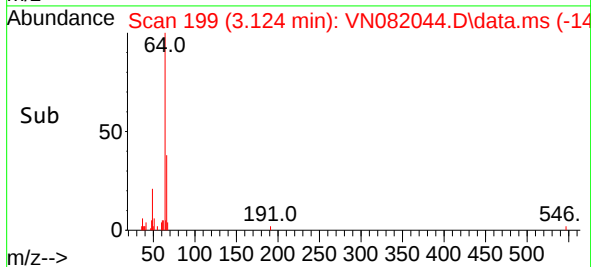
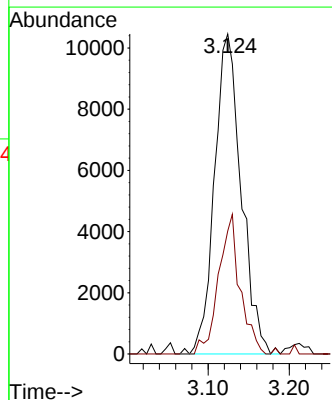
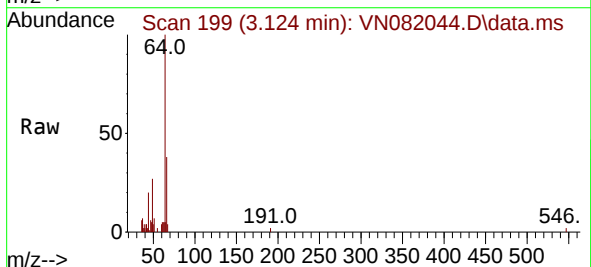
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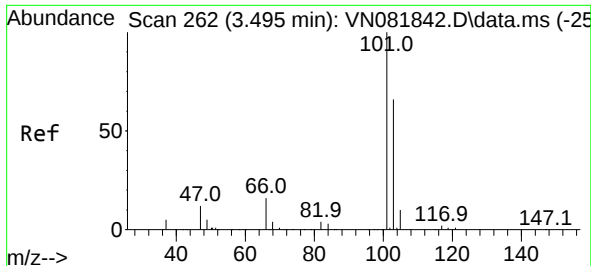
Reviewed By :John Carlone 05/10/2024
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#6
Chloroethane
Concen: 27.374 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

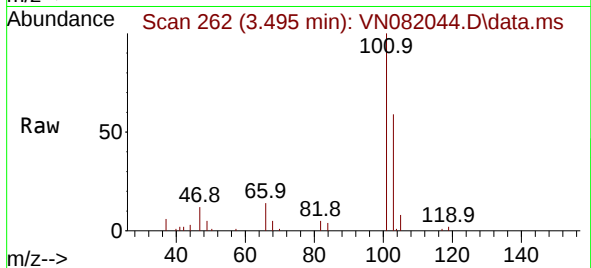
Tgt Ion: 64 Resp: 23953
Ion Ratio Lower Upper
64 100
66 38.4 24.7 37.1#





#7
 Trichlorofluoromethane
 Concen: 18.516 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34

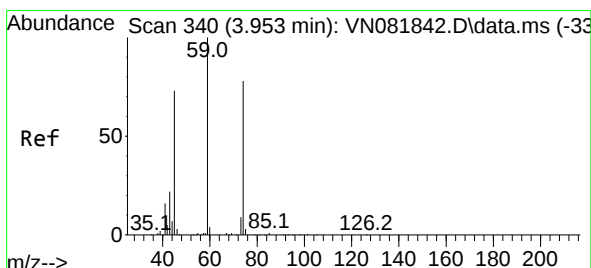
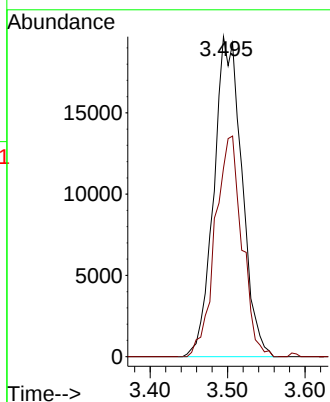
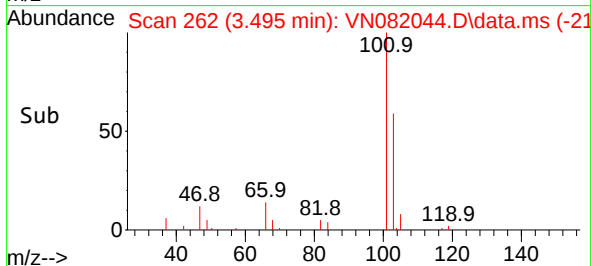
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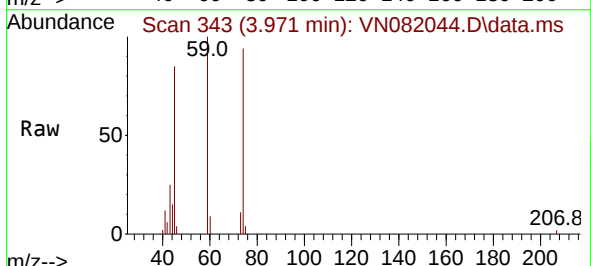
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 Ion Ratio Lower Upper
 101 100
 103 58.9 50.6 75.8

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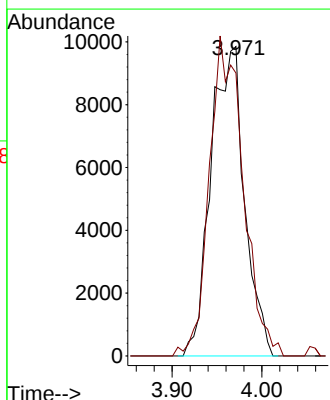
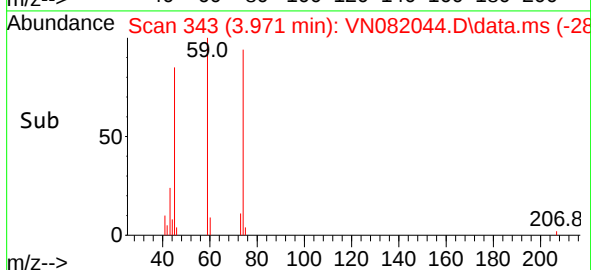
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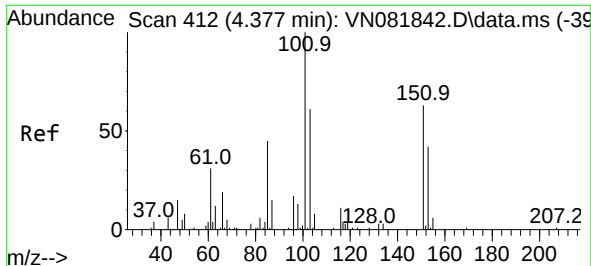


#8
 Diethyl Ether
 Concen: 22.533 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.018 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34



Tgt Ion: 74 Resp: 25635
 Ion Ratio Lower Upper
 74 100
 45 103.7 42.4 127.3





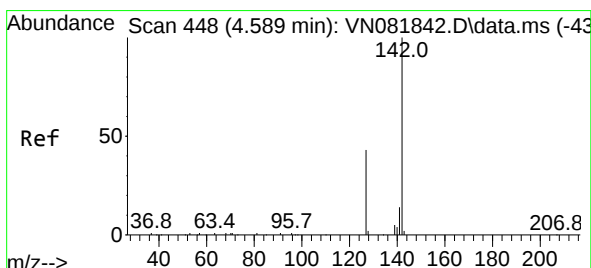
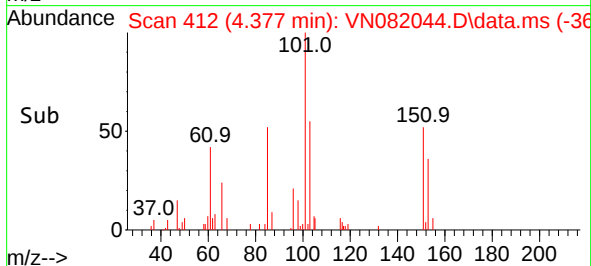
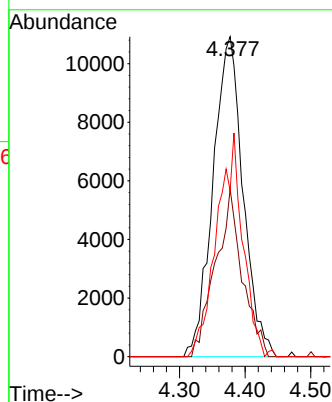
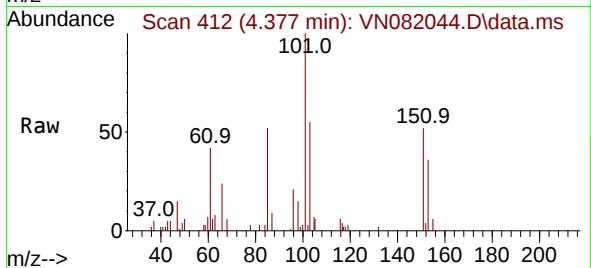
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.338 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion:101 Resp: 3473
Ion Ratio Lower Upper
101 100
85 47.1 37.3 55.9
151 60.7 59.2 88.8

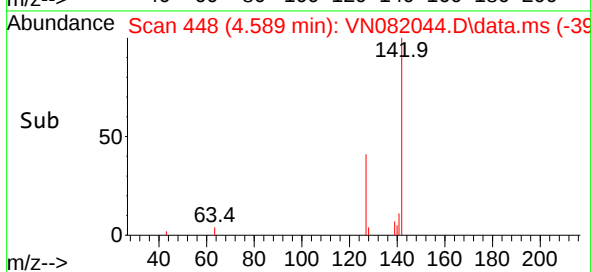
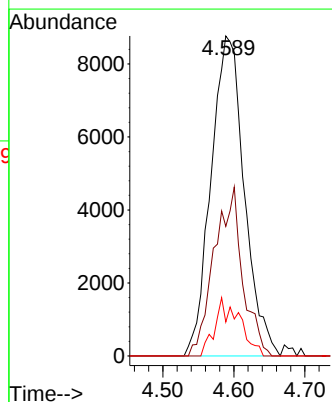
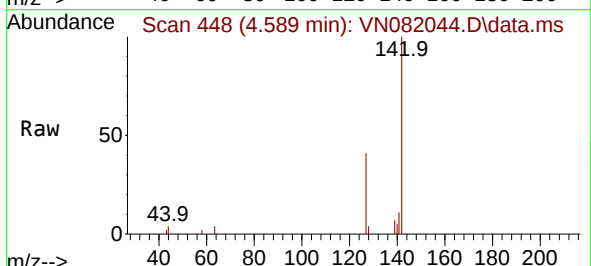
Manual Integrations
APPROVED

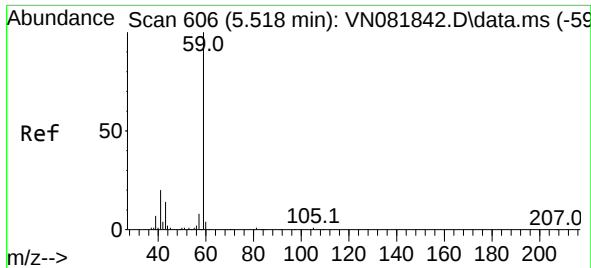
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#10
Methyl Iodide
Concen: 20.960 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

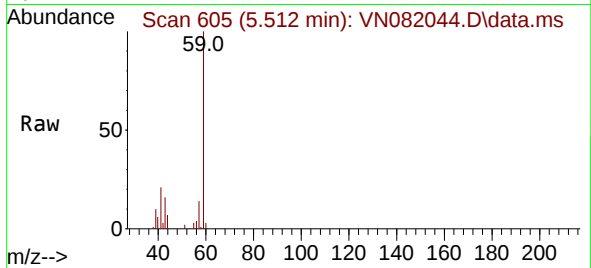
Tgt Ion:142 Resp: 28545
Ion Ratio Lower Upper
142 100
127 40.5 35.8 53.6
141 10.6 11.4 17.2#





#11
Tert butyl alcohol
Concen: 97.196 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

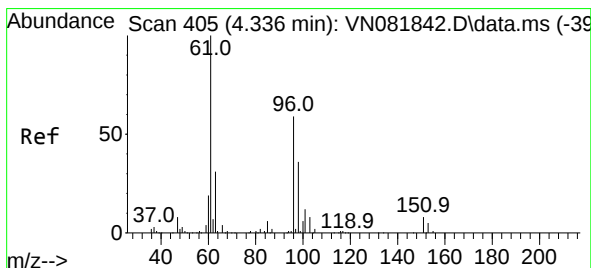
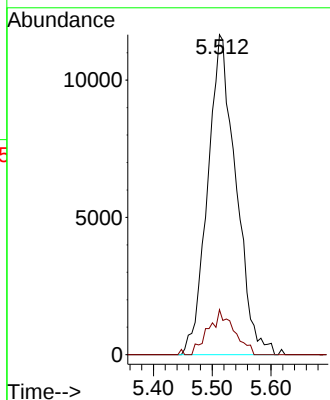
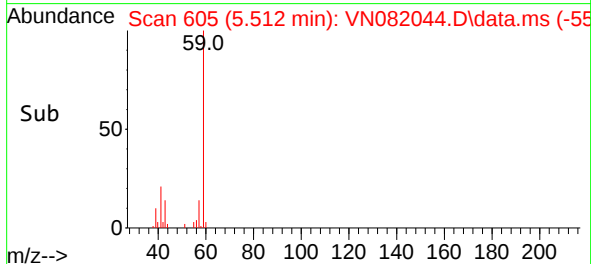
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



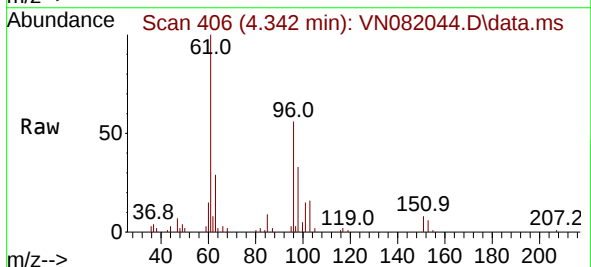
Tgt Ion: 59 Resp: 3894
Ion Ratio Lower Upper
59 100
57 12.6 8.9 13.3

Manual Integrations
APPROVED

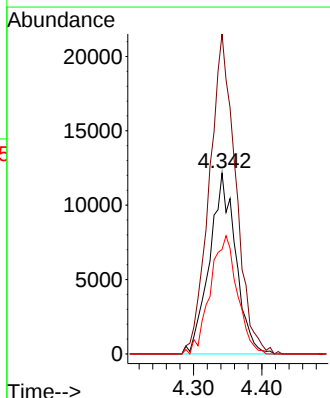
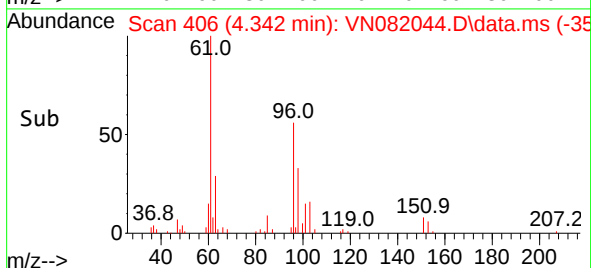
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

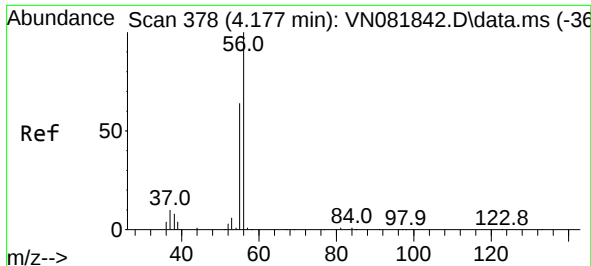


#12
1,1-Dichloroethene
Concen: 20.491 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion: 96 Resp: 32414
Ion Ratio Lower Upper
96 100
61 177.0 119.7 179.5
98 57.8 49.6 74.4





#13

Acrolein

Concen: 96.691 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion: 56 Resp: 31628

Ion Ratio Lower Upper

56 100

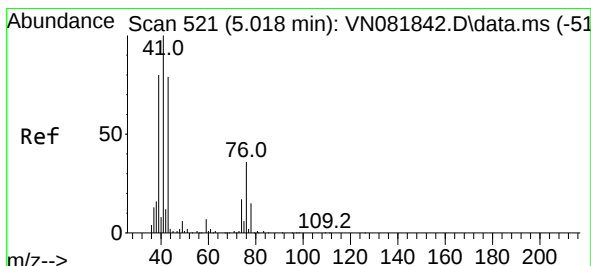
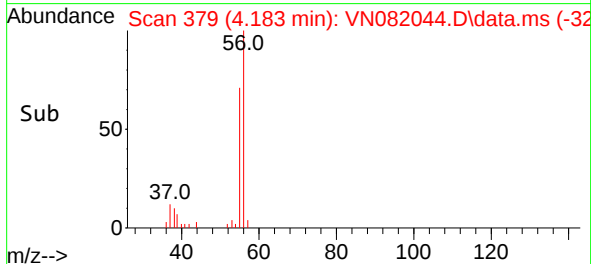
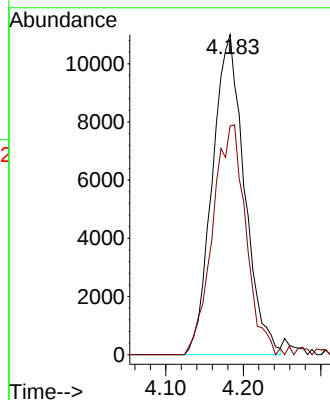
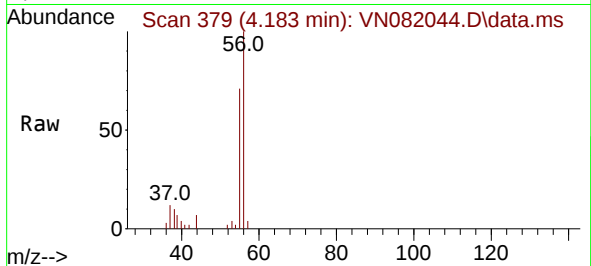
55 74.3 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#14

Allyl chloride

Concen: 18.563 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

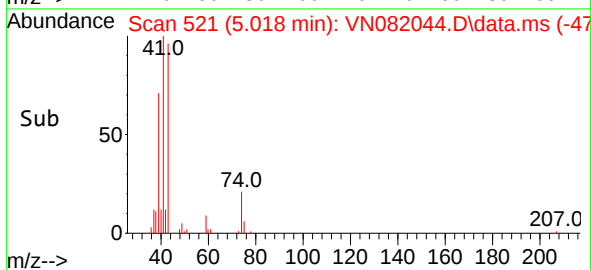
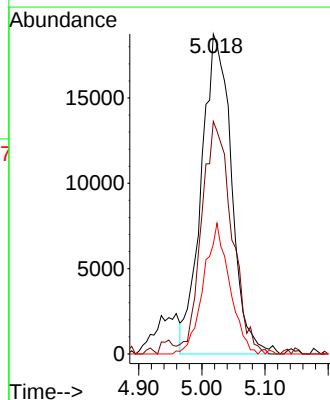
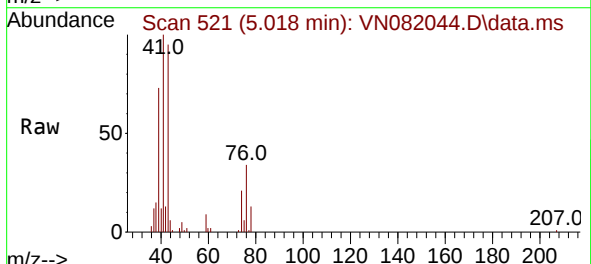
Tgt Ion: 41 Resp: 62110

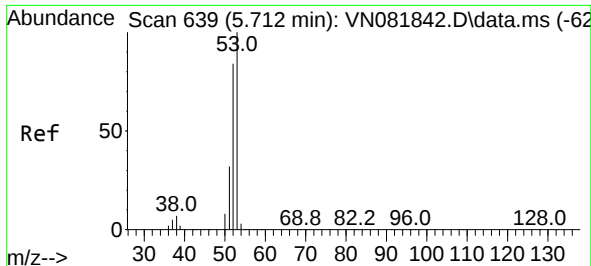
Ion Ratio Lower Upper

41 100

39 72.9 65.4 98.0

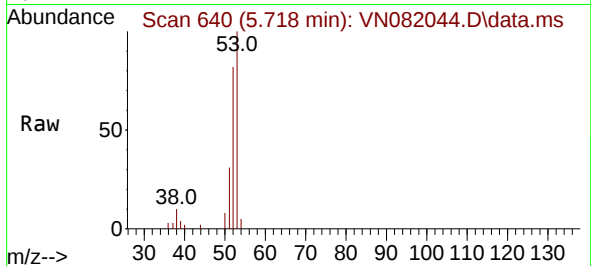
76 35.3 37.3 55.9#





#15
Acrylonitrile
Concen: 111.461 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

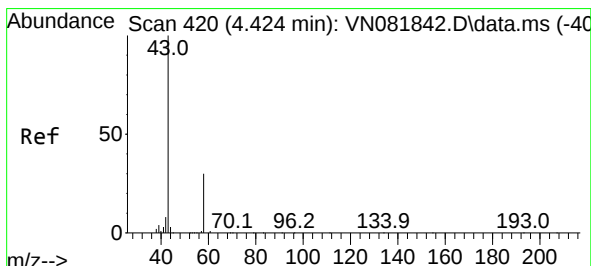
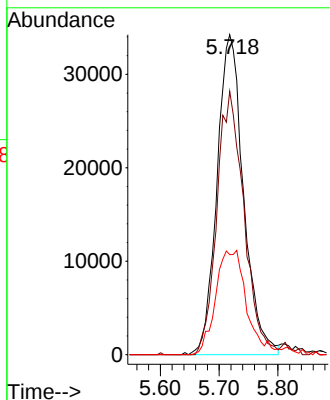
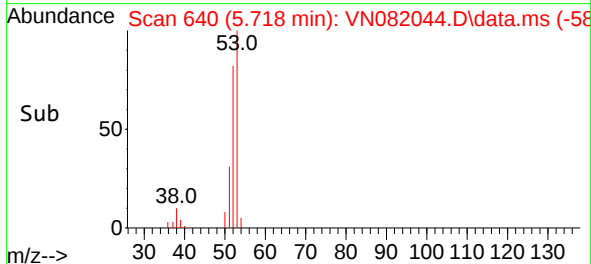
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 53 Resp: 10724
Ion Ratio Lower Upper
53 100
52 83.9 66.1 99.1
51 38.0 29.4 44.2

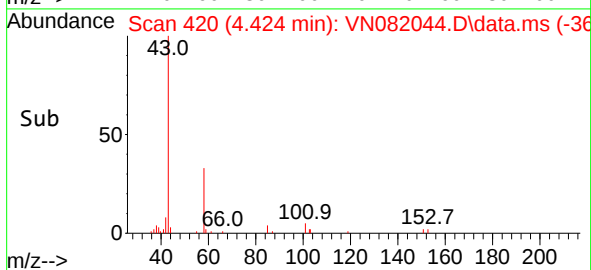
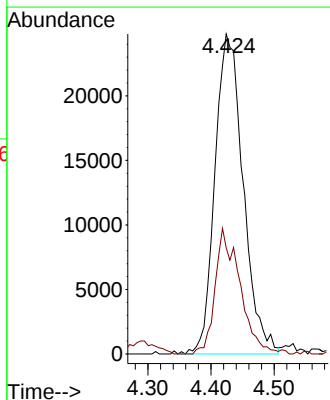
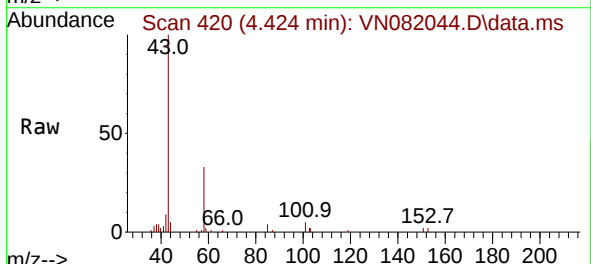
Manual Integrations
APPROVED

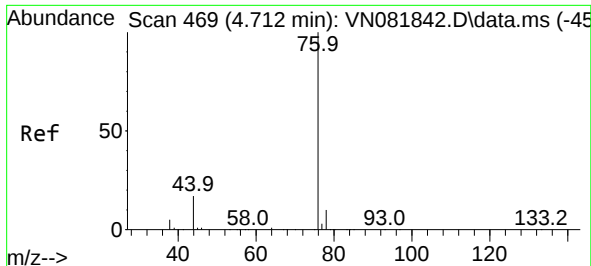
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#16
Acetone
Concen: 115.082 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Tgt Ion: 43 Resp: 76935
Ion Ratio Lower Upper
43 100
58 33.2 25.2 37.8





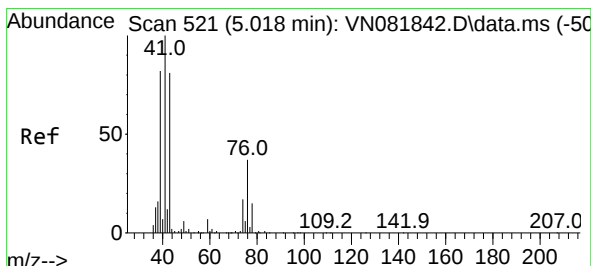
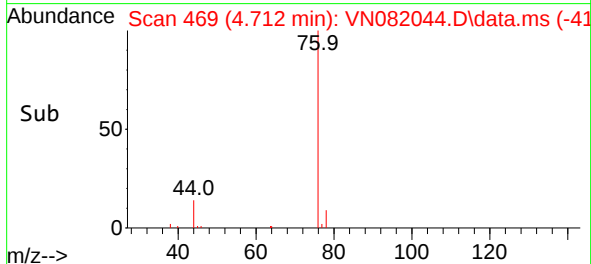
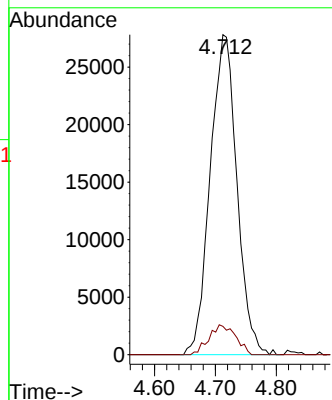
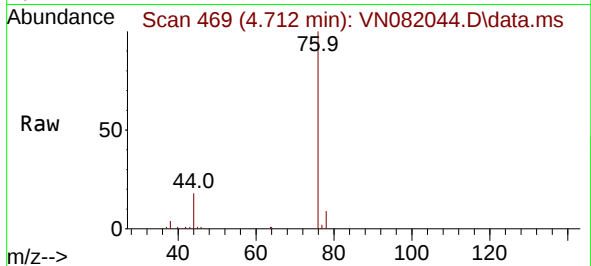
#17
Carbon Disulfide
Concen: 17.842 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 76 Resp: 8482
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

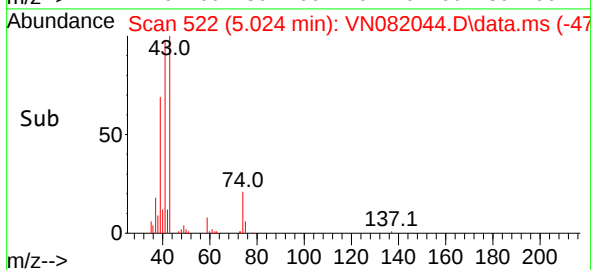
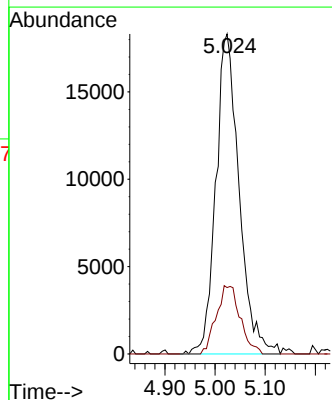
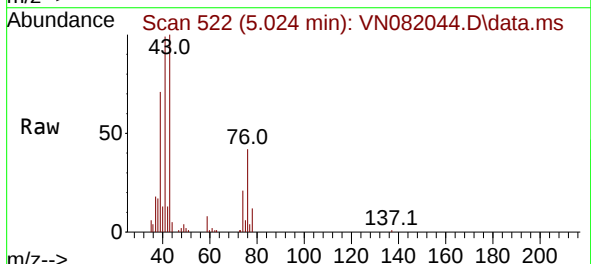
Manual Integrations
APPROVED

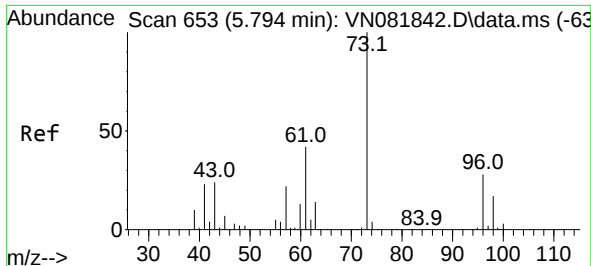
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#18
Methyl Acetate
Concen: 26.425 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

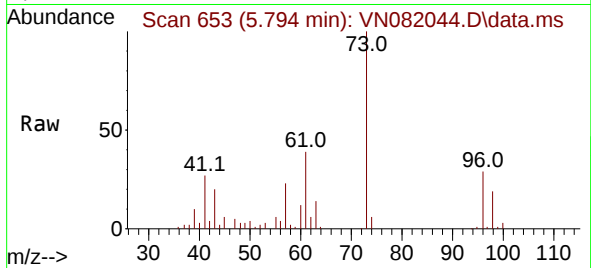
Tgt Ion: 43 Resp: 58997
Ion Ratio Lower Upper
43 100
74 21.9 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 21.219 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

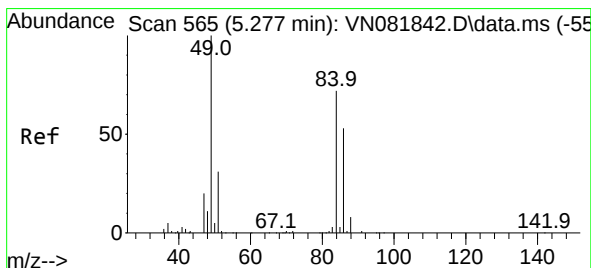
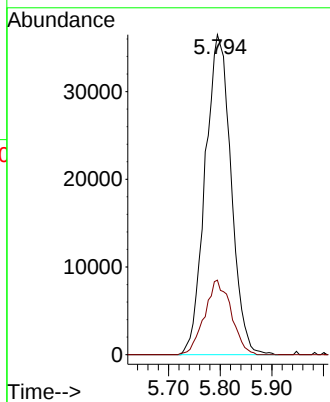
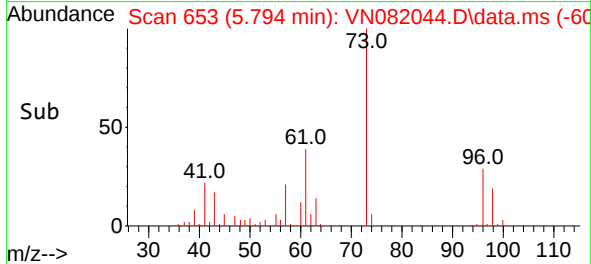
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 73 Resp: 126654
Ion Ratio Lower Upper
73 100
57 23.3 16.5 24.7

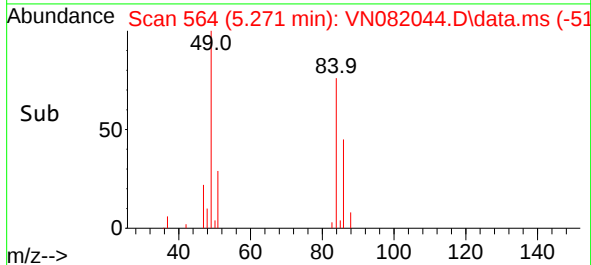
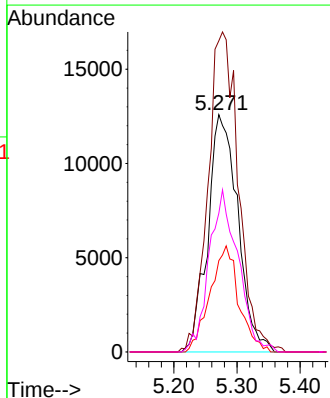
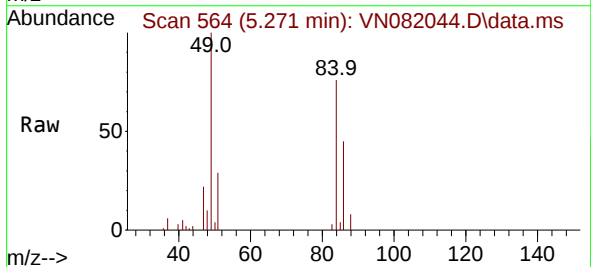
Manual Integrations
APPROVED

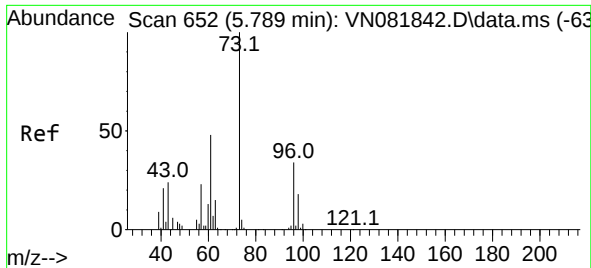
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#20
Methylene Chloride
Concen: 22.020 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Tgt Ion: 84 Resp: 41596
Ion Ratio Lower Upper
84 100
49 131.2 84.9 127.3#
51 38.5 27.0 40.6
86 58.5 52.3 78.5





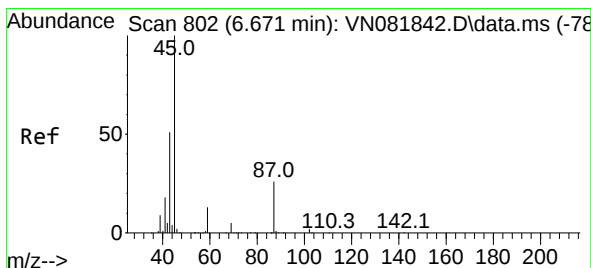
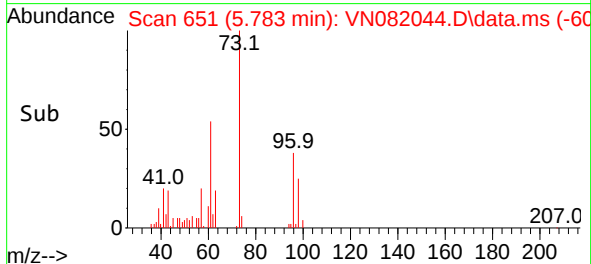
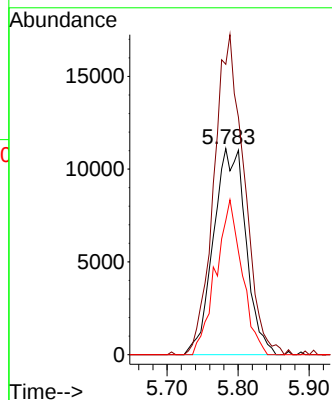
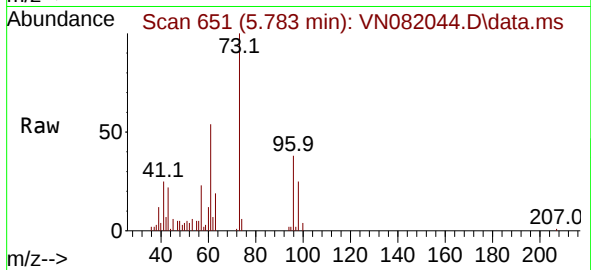
#21
trans-1,2-Dichloroethene
Concen: 20.473 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 96 Resp: 35310
Ion Ratio Lower Upper
96 100
61 141.0 96.5 144.7
98 65.2 51.3 76.9

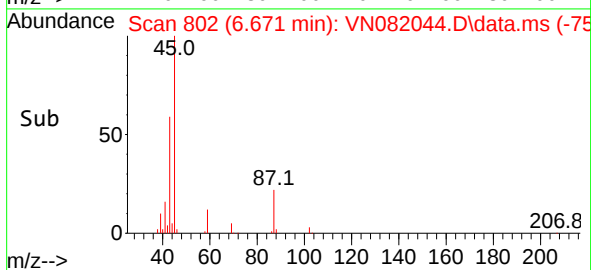
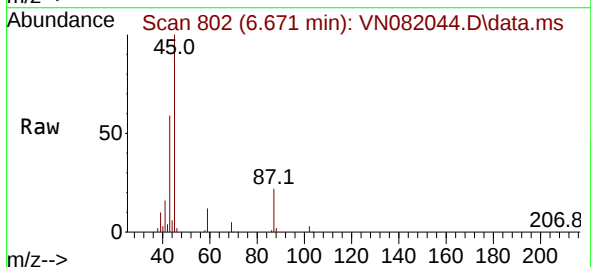
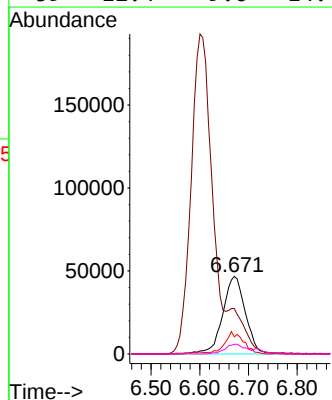
Manual Integrations
APPROVED

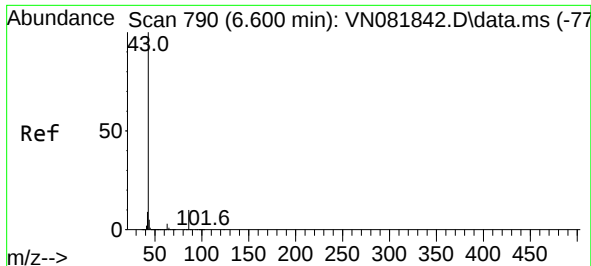
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#22
Diisopropyl ether
Concen: 23.295 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

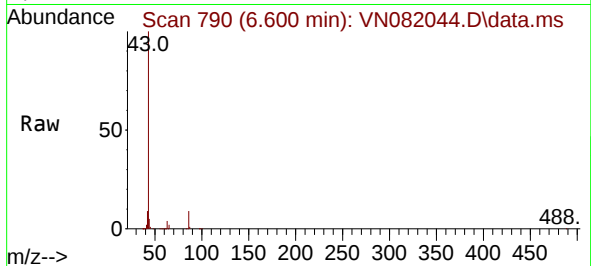
Tgt Ion: 45 Resp: 150824
Ion Ratio Lower Upper
45 100
43 57.1 44.1 66.1
87 22.2 27.0 40.6#
59 12.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 108.905 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34

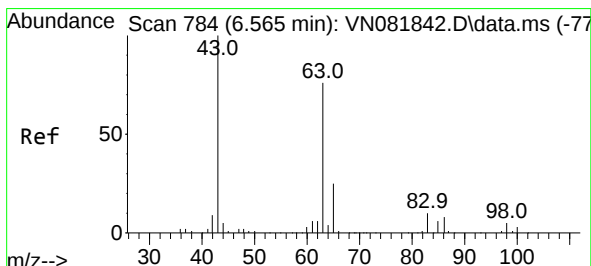
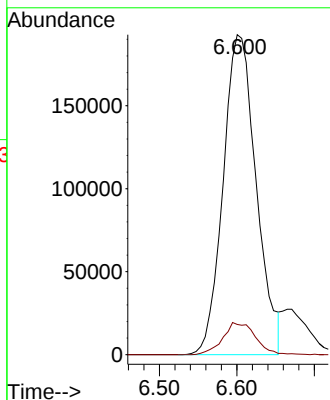
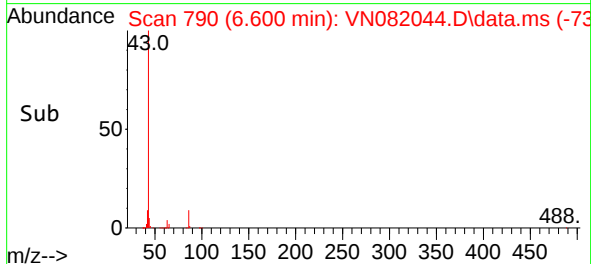
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01



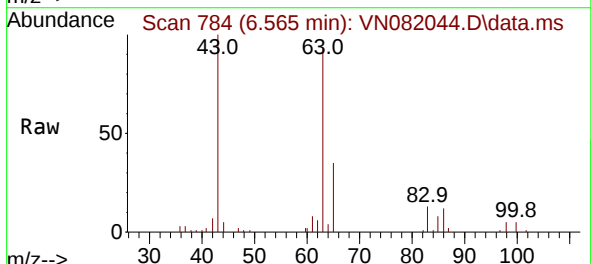
Tgt Ion: 43 Resp: 57292
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.2 15.4

Manual Integrations
 APPROVED

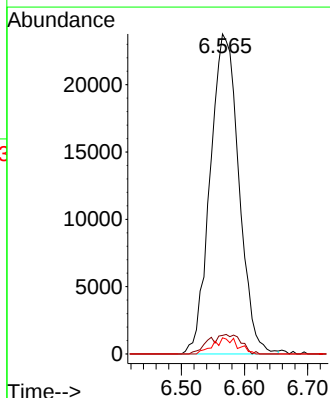
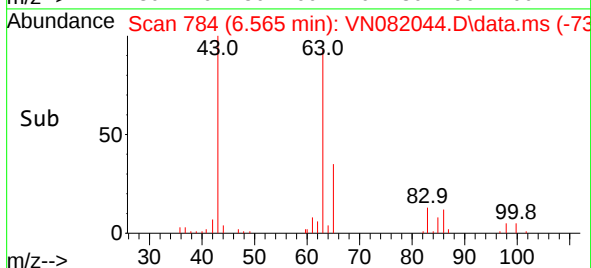
Reviewed By :John Carlone 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

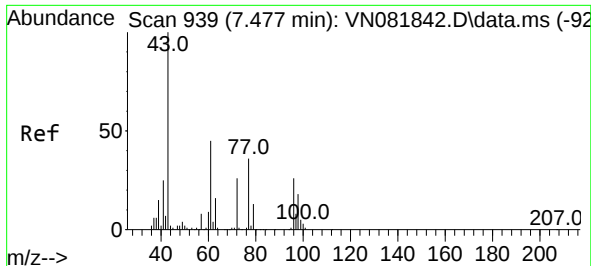


#24
 1,1-Dichloroethane
 Concen: 22.256 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34



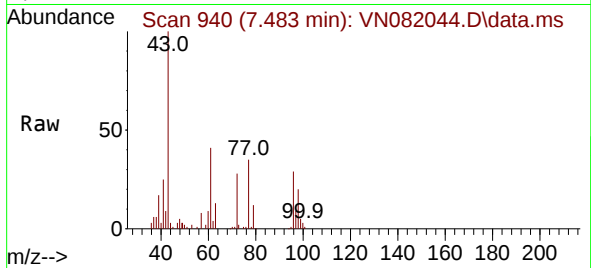
Tgt Ion: 63 Resp: 75003
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 5.0 2.6 7.8





#25
2-Butanone
Concen: 112.822 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

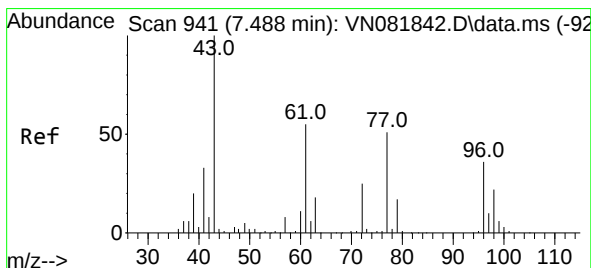
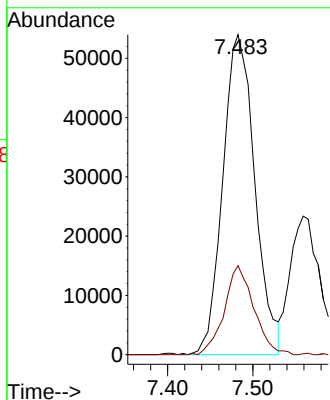
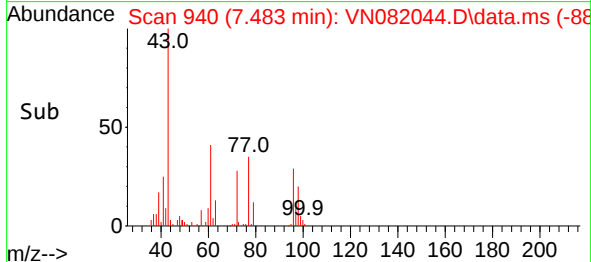
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



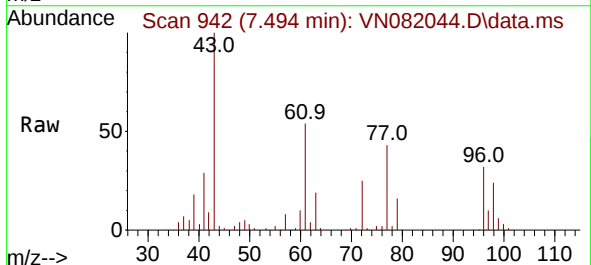
Tgt Ion: 43 Resp: 14114
Ion Ratio Lower Upper
43 100
72 27.8 25.3 37.9

Manual Integrations
APPROVED

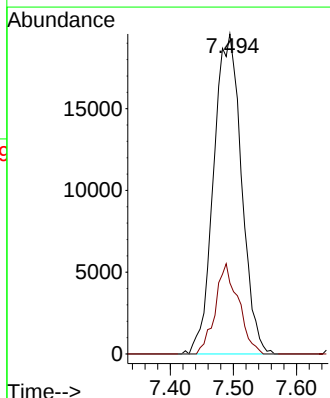
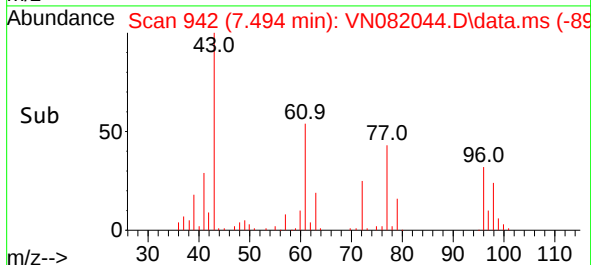
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

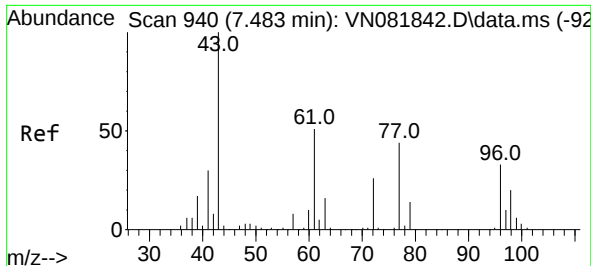


#26
2,2-Dichloropropane
Concen: 19.301 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion: 77 Resp: 59835
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.9





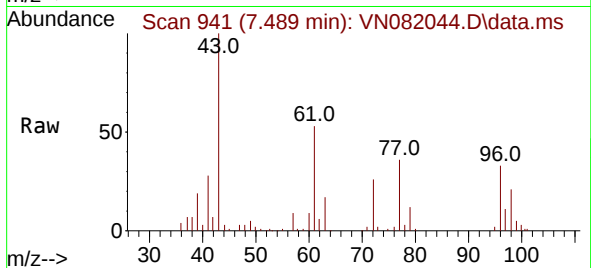
#27
 cis-1,2-Dichloroethene
 Concen: 21.609 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01



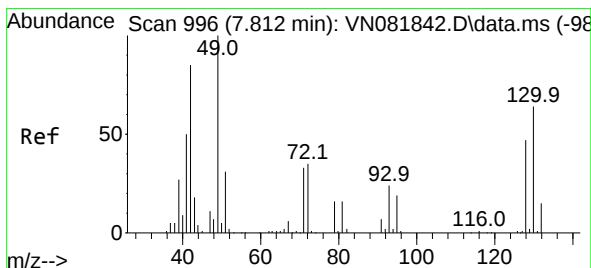
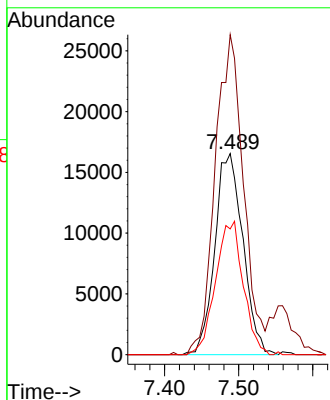
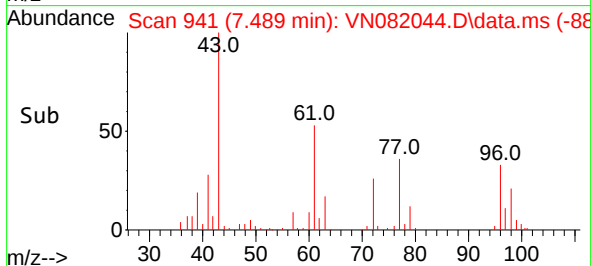
Tgt Ion: 96 Resp: 4355
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 268.0
 98 65.4 0.0 126.8

Manual Integrations

APPROVED

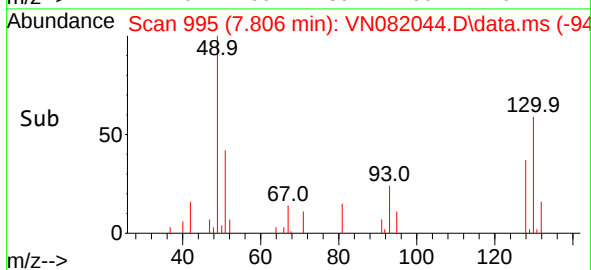
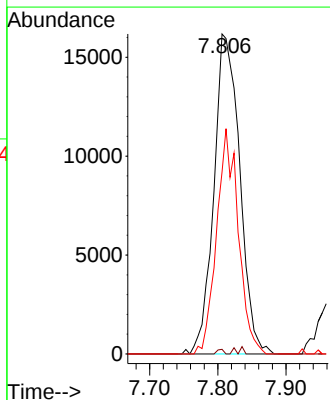
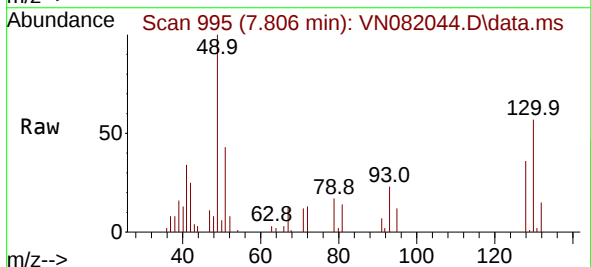
Reviewed By :John Carlone 05/10/2024

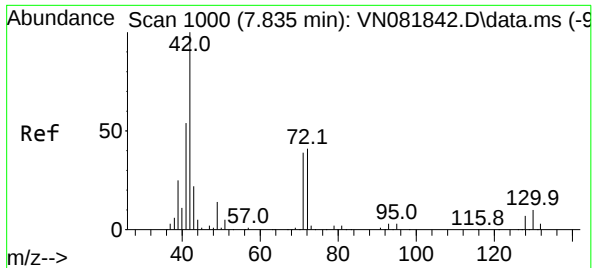
Supervised By :Mahesh Dadoda 05/10/2024



#28
 Bromochloromethane
 Concen: 26.665 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34

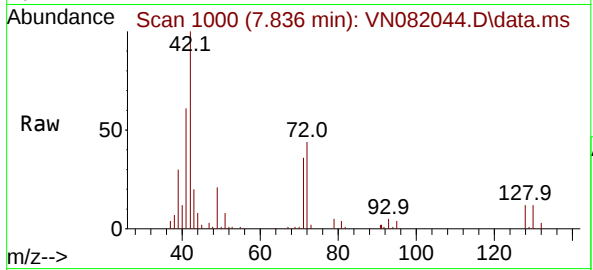
Tgt Ion: 49 Resp: 42709
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.6
 130 59.2 66.7 100.1#





#29
Tetrahydrofuran
Concen: 108.268 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

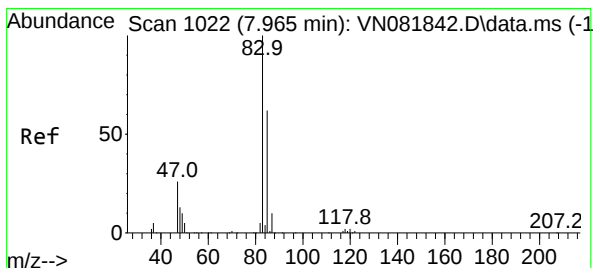
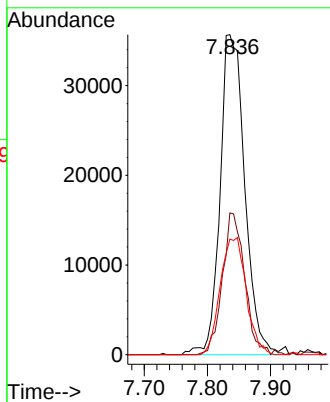
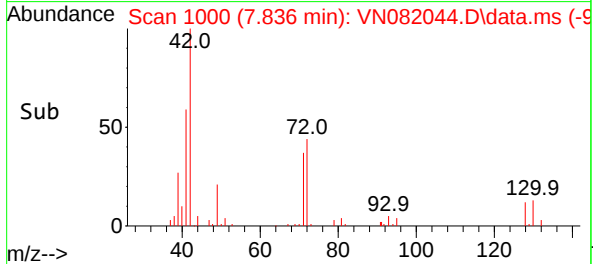
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 42 Resp: 97132
Ion Ratio Lower Upper
42 100
72 40.3 39.3 58.9
71 38.3 37.4 56.0

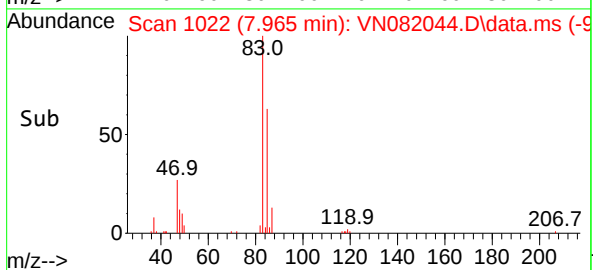
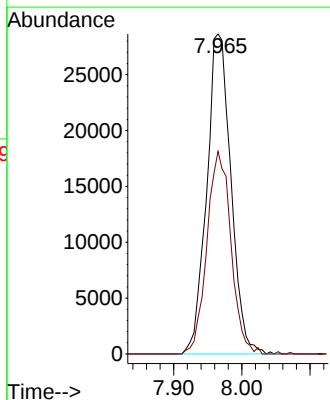
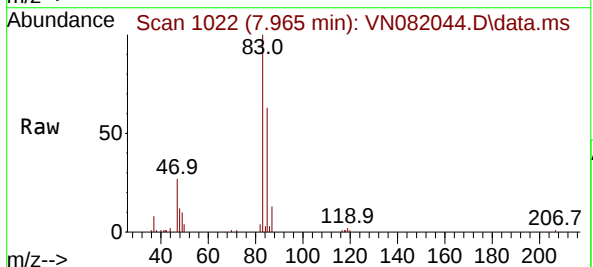
Manual Integrations
APPROVED

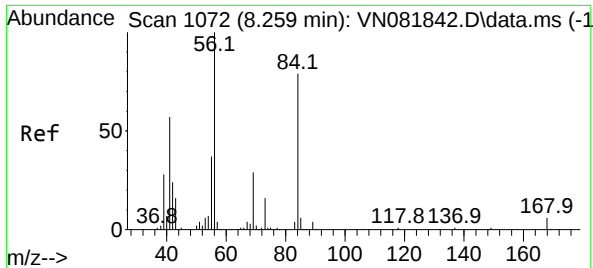
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#30
Chloroform
Concen: 21.252 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

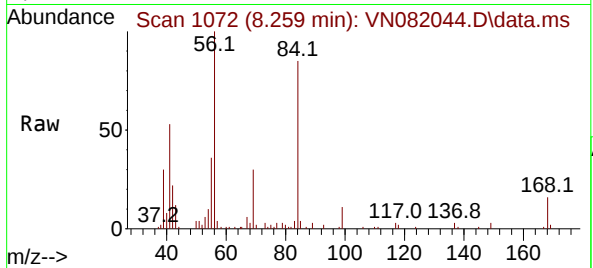
Tgt Ion: 83 Resp: 70988
Ion Ratio Lower Upper
83 100
85 63.3 50.7 76.1





#31
Cyclohexane
Concen: 20.230 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

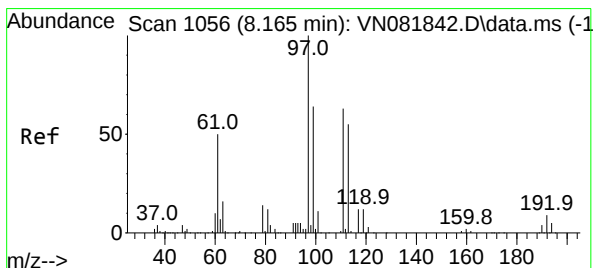
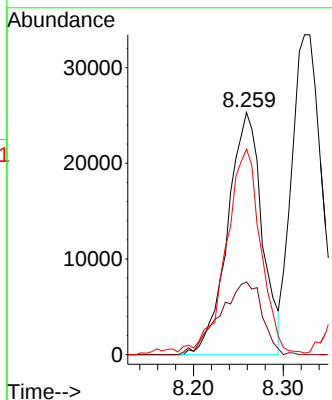
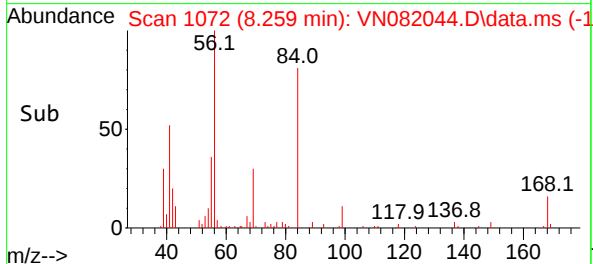
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



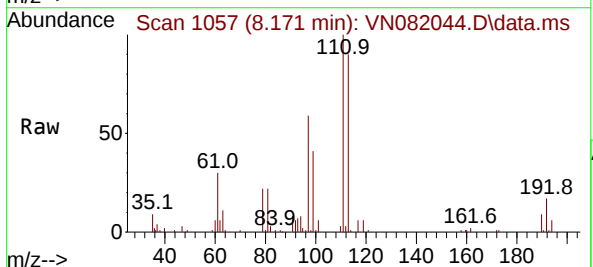
Tgt Ion: 56 Resp: 67174
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 83.8 77.0 115.4

Manual Integrations
APPROVED

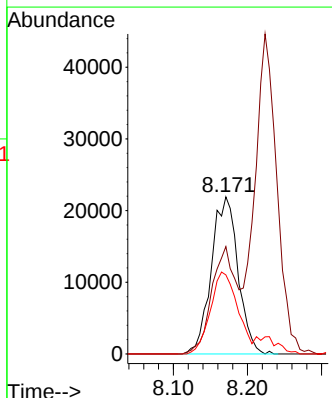
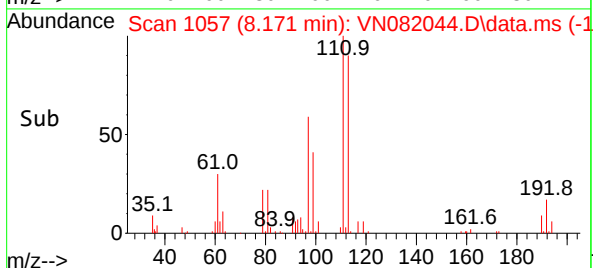
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

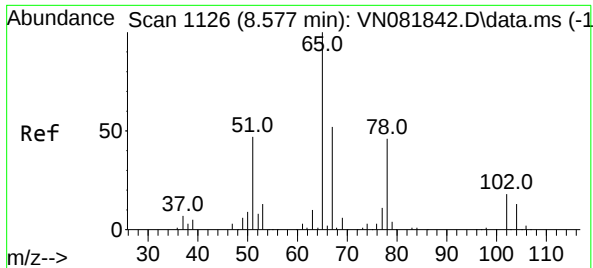


#32
1,1,1-Trichloroethane
Concen: 18.392 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



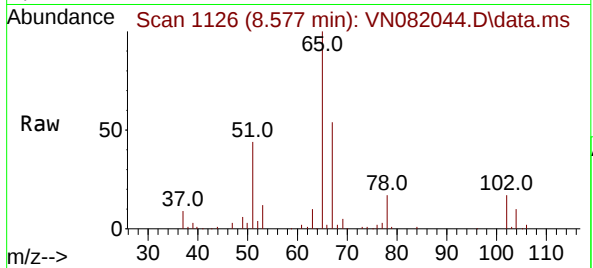
Tgt Ion: 97 Resp: 54787
Ion Ratio Lower Upper
97 100
99 60.8 50.3 75.5
61 53.4 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 55.790 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

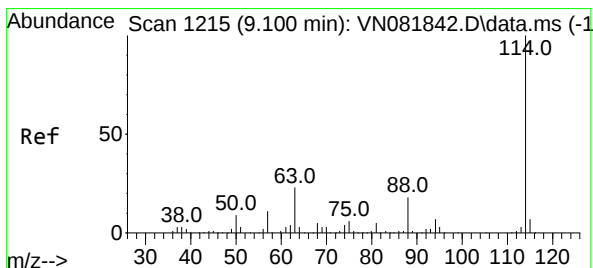
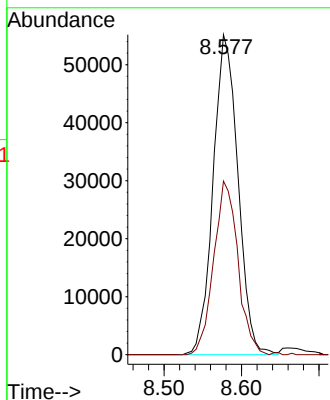
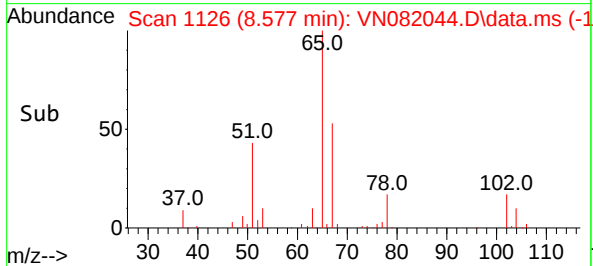
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



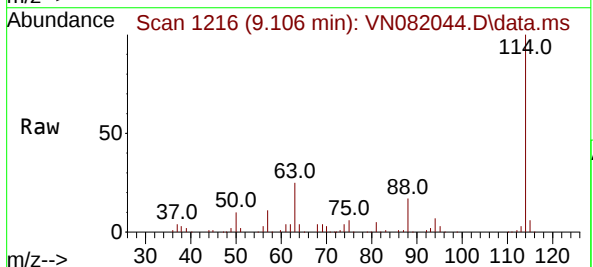
Tgt Ion: 65 Resp: 122974
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

Manual Integrations
APPROVED

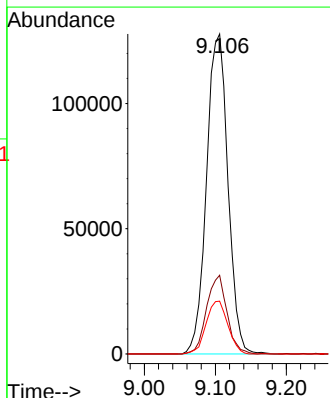
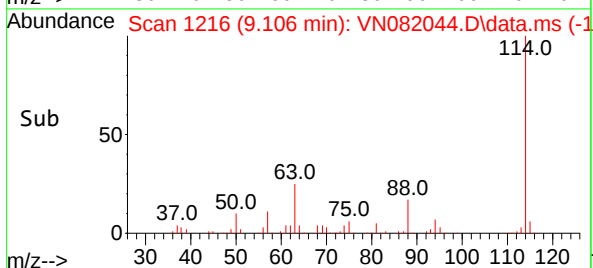
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

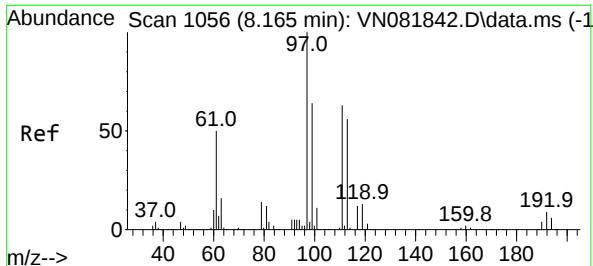


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion:114 Resp: 267612
Ion Ratio Lower Upper
114 100
63 24.6 0.0 41.0
88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.475 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

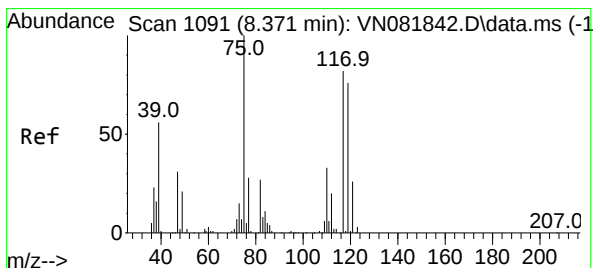
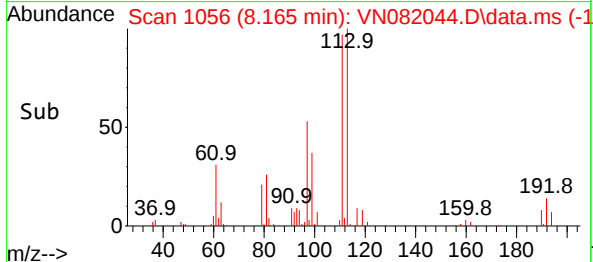
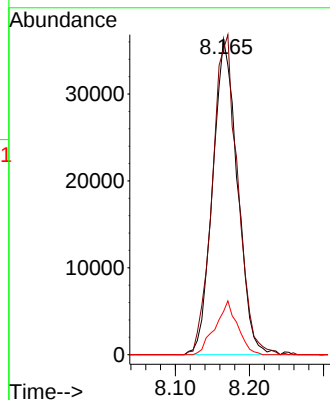
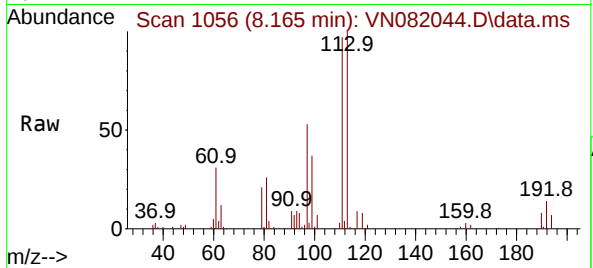
Tgt Ion:	113	Resp:	8455
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.4	125.2
192	15.2	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#36

1,1-Dichloropropene

Concen: 19.291 ug/l

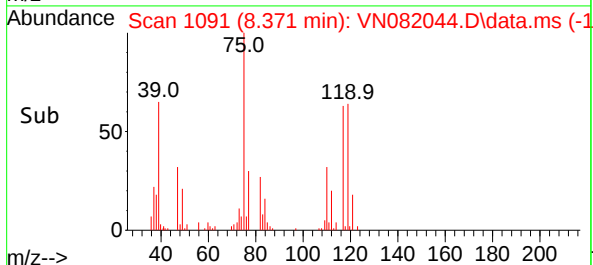
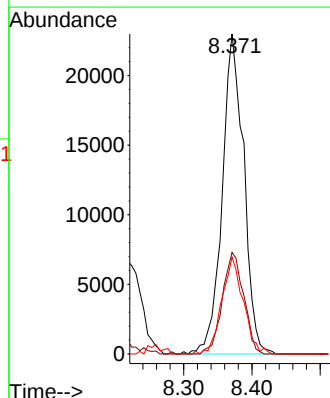
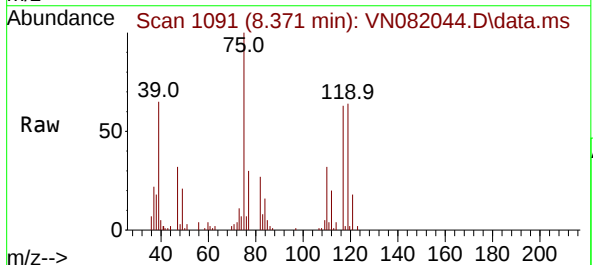
RT: 8.371 min Scan# 1091

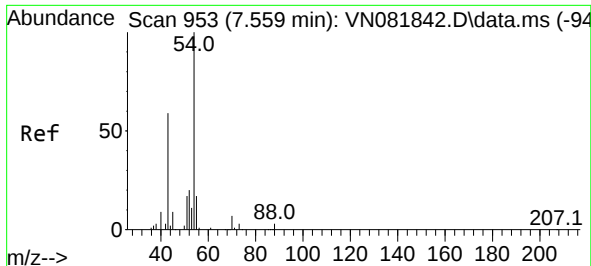
Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Tgt Ion:	75	Resp:	50569
Ion Ratio	Lower	Upper	
75	100		
110	31.4	17.8	53.5
77	30.2	25.0	37.4





#37

Ethyl Acetate

Concen: 20.794 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082044.D

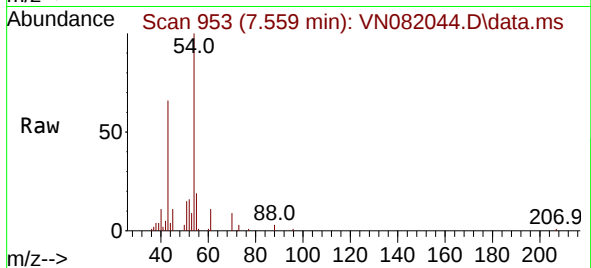
Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01



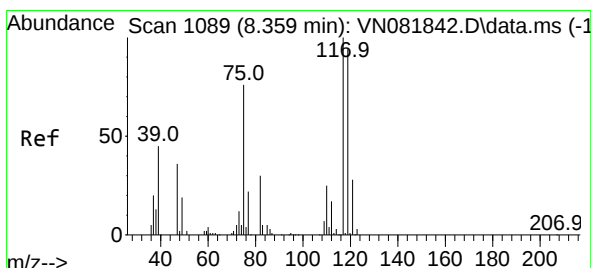
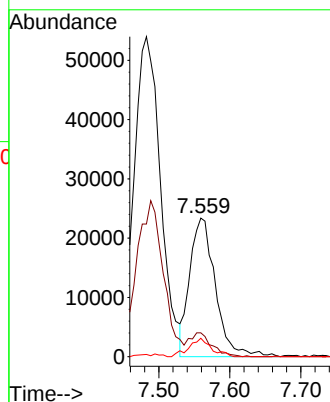
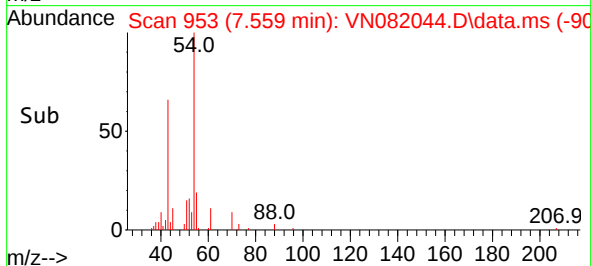
Tgt Ion:	43	Resp:	58934
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.3	16.9
70	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#38

Carbon Tetrachloride

Concen: 17.512 ug/l

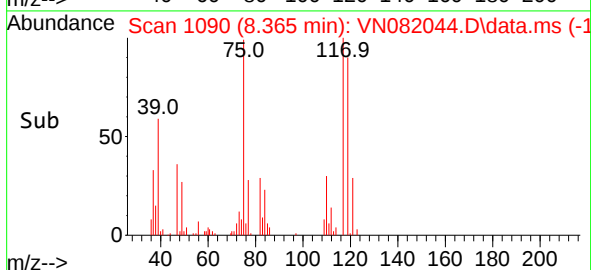
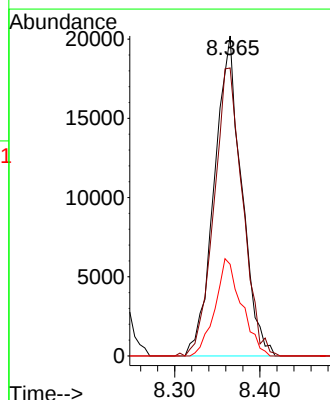
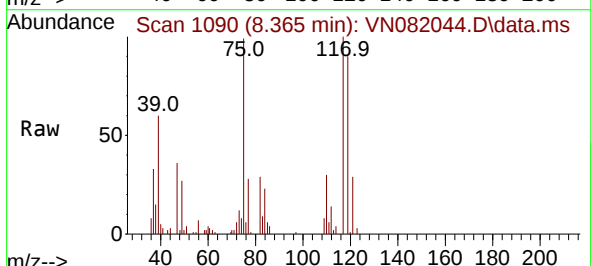
RT: 8.365 min Scan# 1090

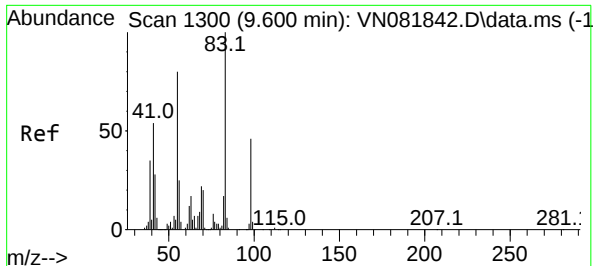
Delta R.T. 0.006 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Tgt Ion:	117	Resp:	44864
Ion Ratio	Lower	Upper	
117	100		
119	90.0	76.5	114.7
121	28.6	23.9	35.9





#39

Methylcyclohexane

Concen: 18.742 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

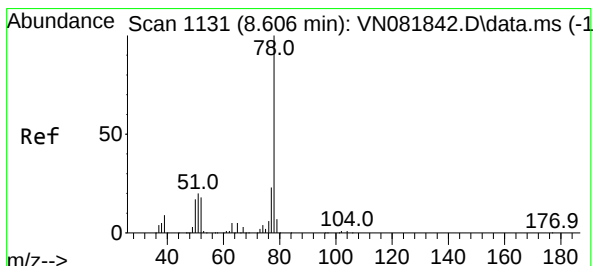
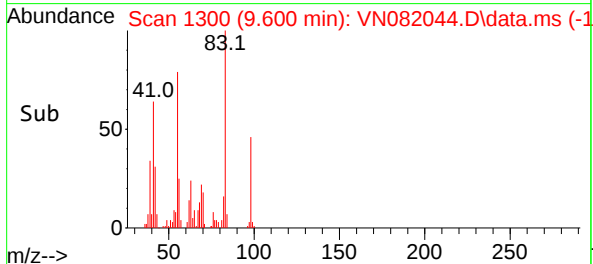
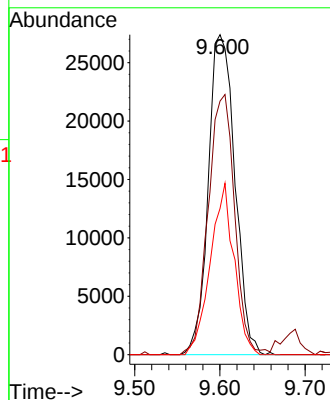
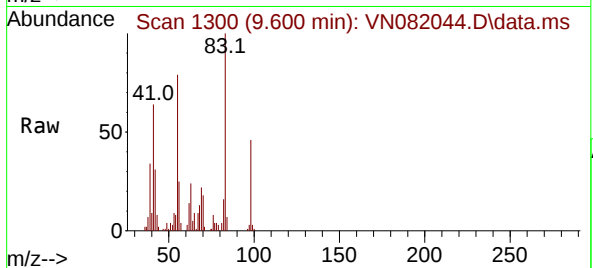
Tgt Ion: 83	Resp: 5966
Ion Ratio	Lower Upper
83 100	
55 79.2	53.0 79.6
98 45.7	37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#40

Benzene

Concen: 21.304 ug/l

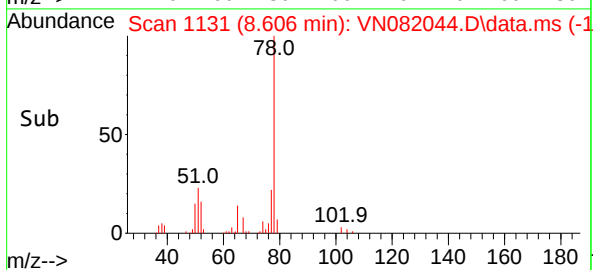
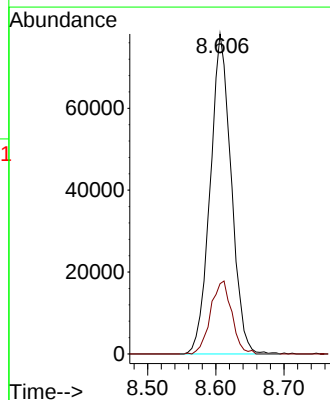
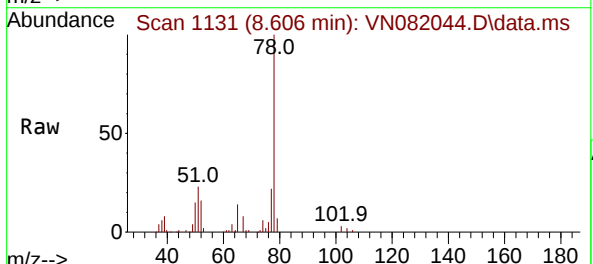
RT: 8.606 min Scan# 1131

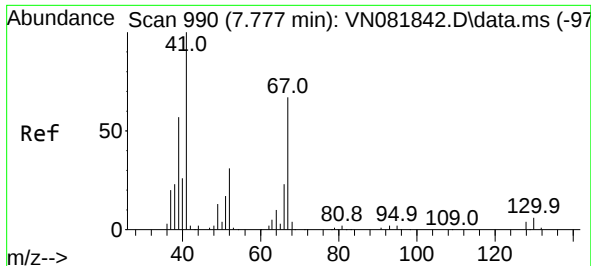
Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

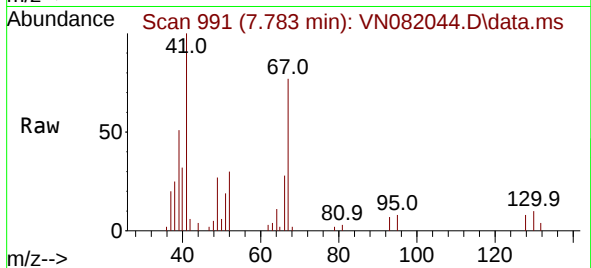
Tgt Ion: 78	Resp: 167639
Ion Ratio	Lower Upper
78 100	
77 22.0	20.0 30.0





#41
Methacrylonitrile
Concen: 18.526 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

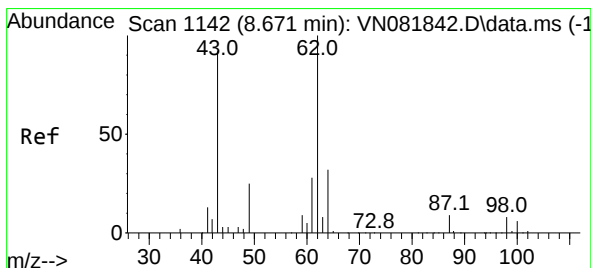
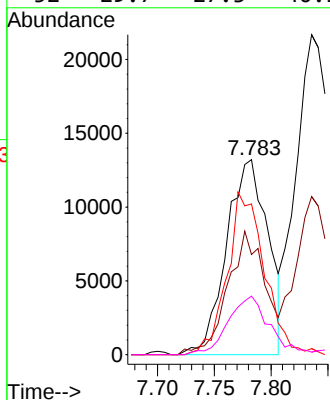
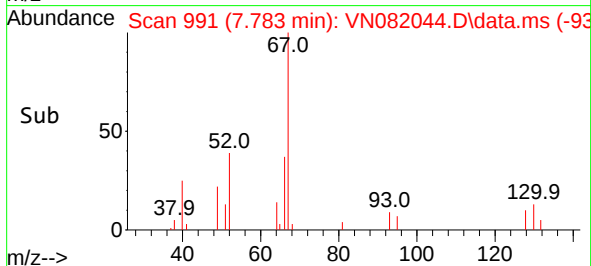
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 41 Resp: 33504
Ion Ratio Lower Upper
41 100
39 56.9 46.6 69.8
67 75.1 67.3 100.9
52 29.7 27.3 40.9

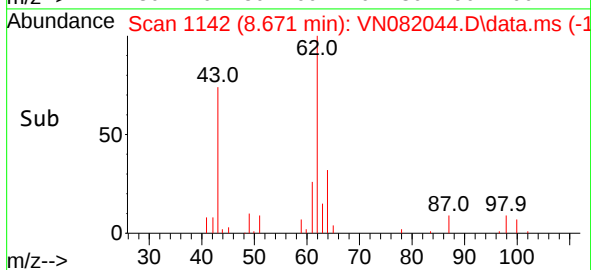
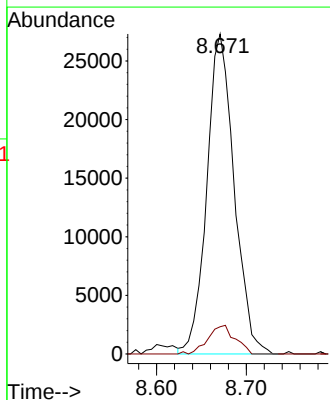
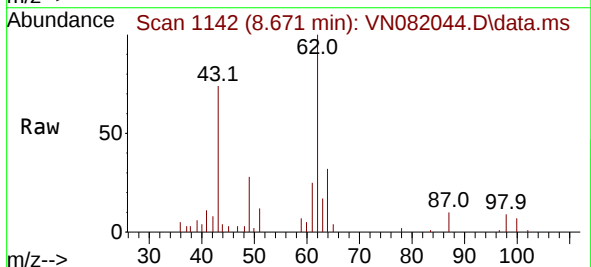
Manual Integrations
APPROVED

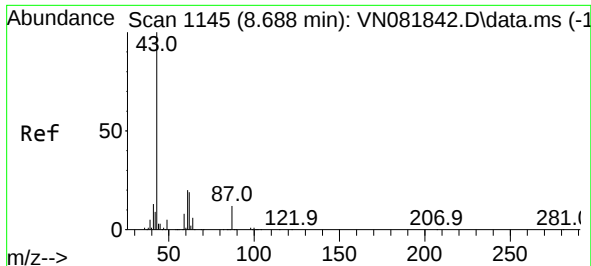
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#42
1,2-Dichloroethane
Concen: 19.791 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

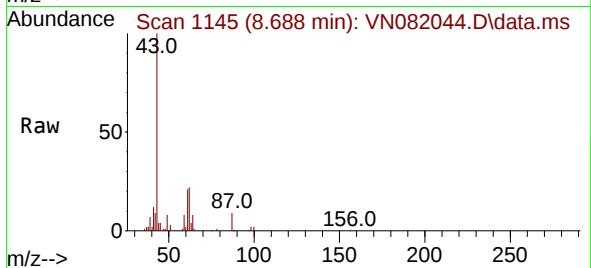
Tgt Ion: 62 Resp: 57831
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.423 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

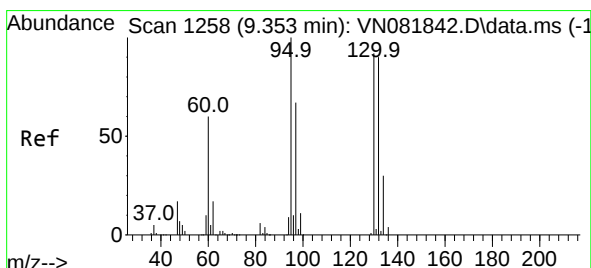
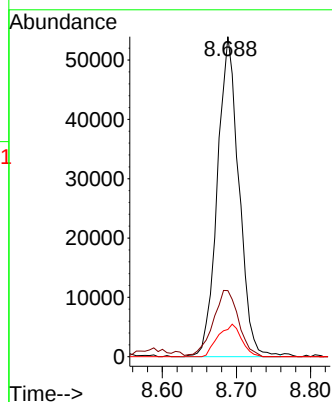
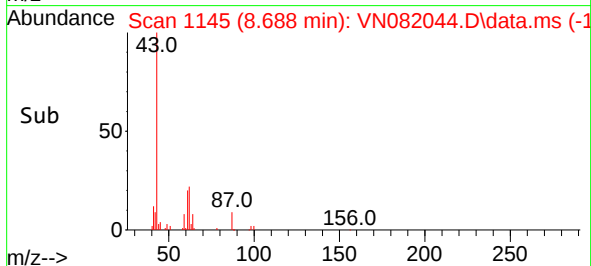
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



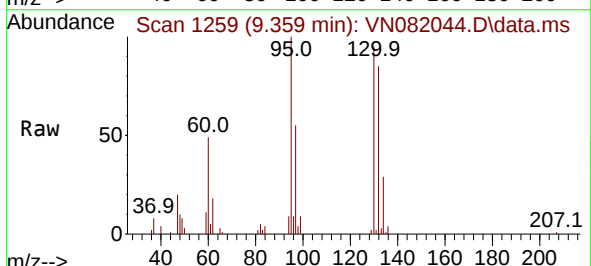
Tgt Ion: 43 Resp: 108838
Ion Ratio Lower Upper
43 100
61 24.5 22.8 34.2
87 11.0 12.0 18.0

Manual Integrations
APPROVED

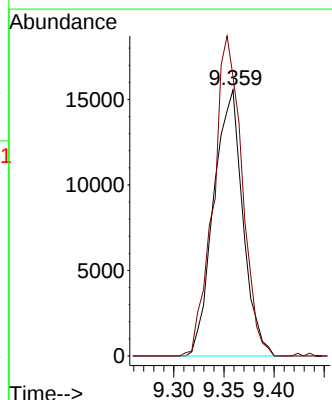
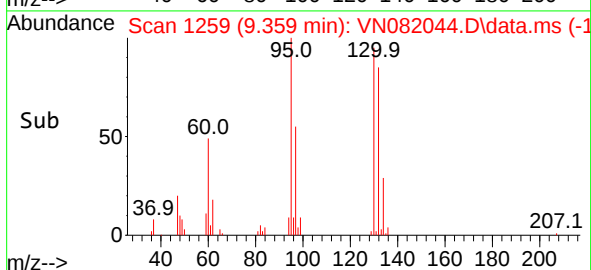
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

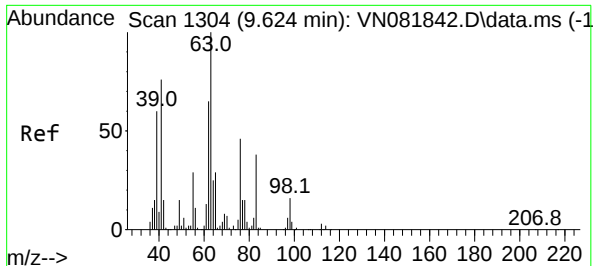


#44
Trichloroethene
Concen: 17.358 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion:130 Resp: 31492
Ion Ratio Lower Upper
130 100
95 105.1 0.0 195.4





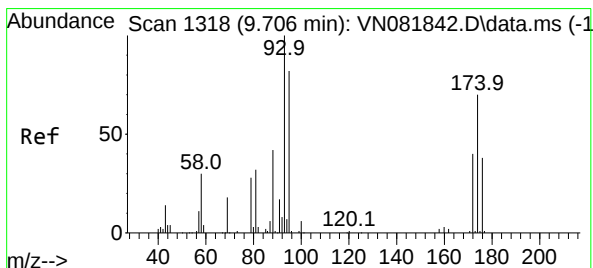
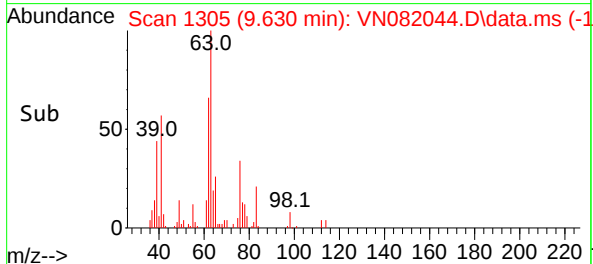
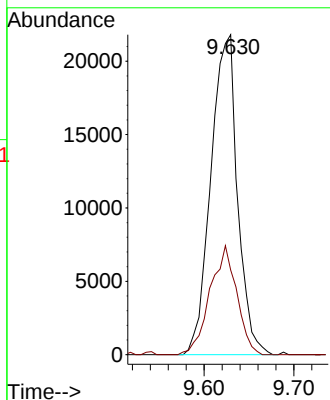
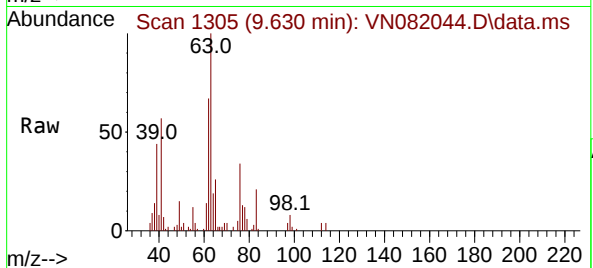
#45
1,2-Dichloropropane
Concen: 21.853 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 63 Resp: 4500
Ion Ratio Lower Upper
63 100
65 26.5 24.1 36.1

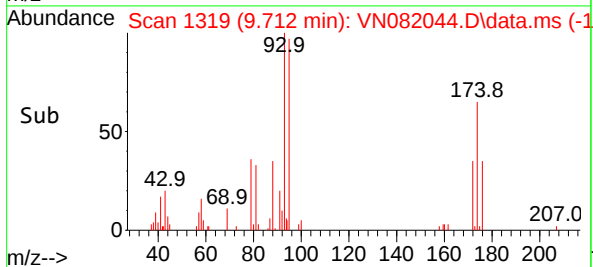
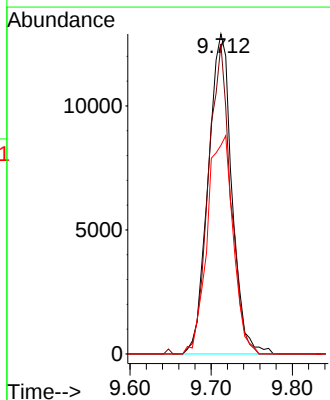
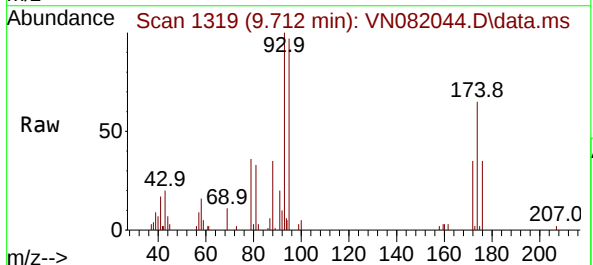
Manual Integrations
APPROVED

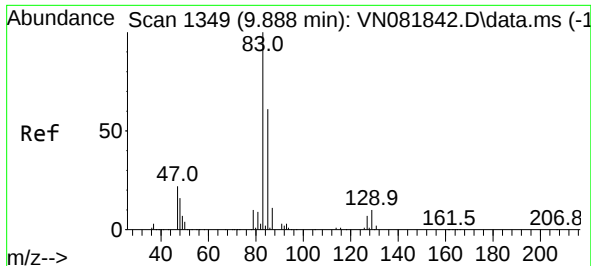
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#46
Dibromomethane
Concen: 18.458 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Tgt Ion: 93 Resp: 26273
Ion Ratio Lower Upper
93 100
95 90.9 64.8 97.2
174 74.2 73.4 110.0





#47

Bromodichloromethane

Concen: 18.629 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion: 83 Resp: 5592

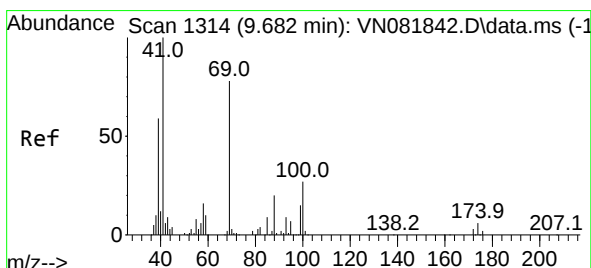
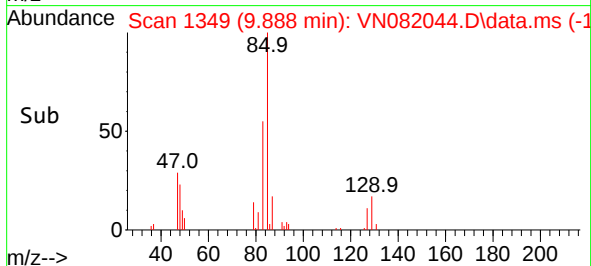
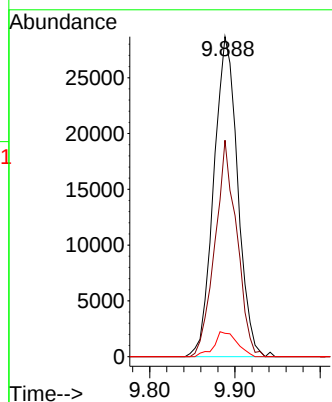
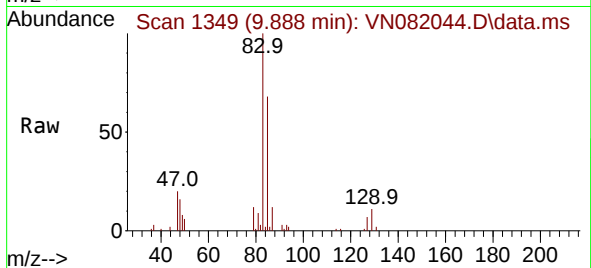
Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.9	77.9
127	7.3	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#48

Methyl methacrylate

Concen: 18.783 ug/l

RT: 9.677 min Scan# 1313

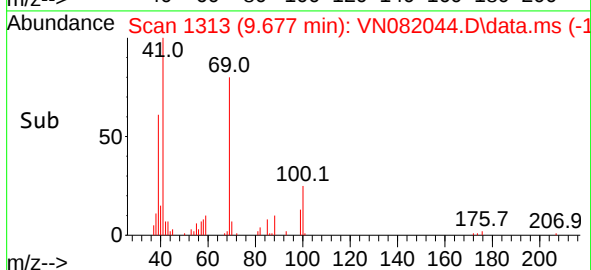
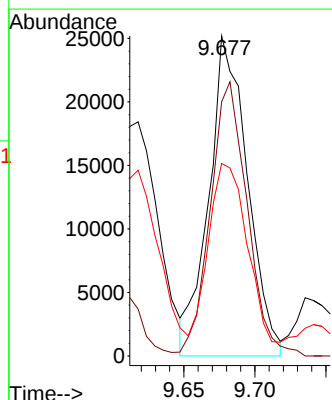
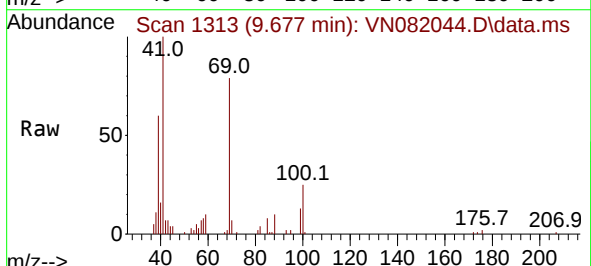
Delta R.T. -0.006 min

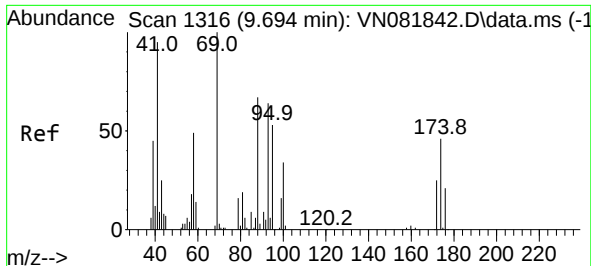
Lab File: VN082044.D

Acq: 09 May 2024 12:34

Tgt Ion: 41 Resp: 47784

Ion	Ratio	Lower	Upper
41	100		
69	81.8	77.9	116.9
39	62.9	50.9	76.3





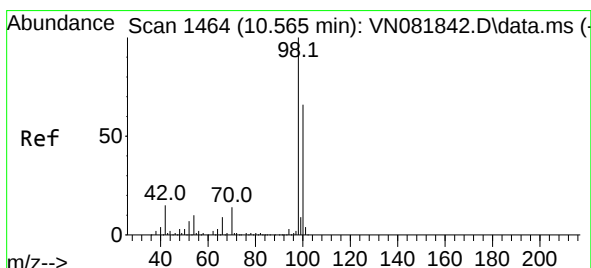
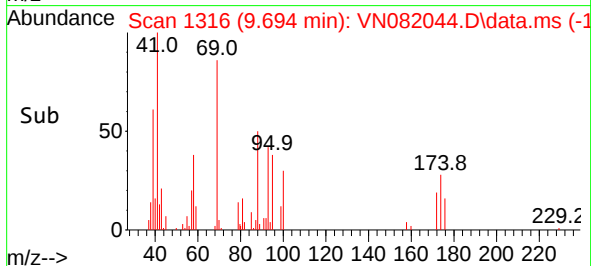
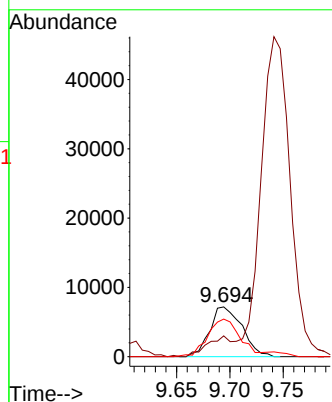
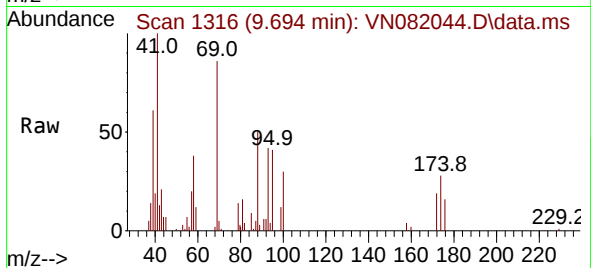
#49
1,4-Dioxane
Concen: 390.878 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 88 Resp: 15114
Ion Ratio Lower Upper
88 100
43 29.6 19.0 28.6
58 75.8 50.6 76.0

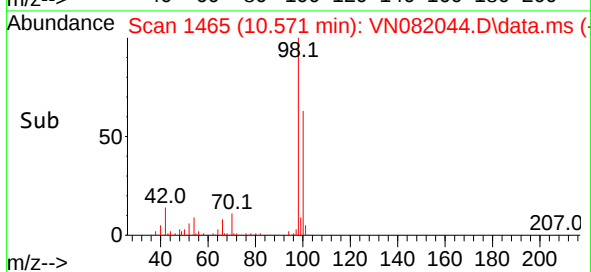
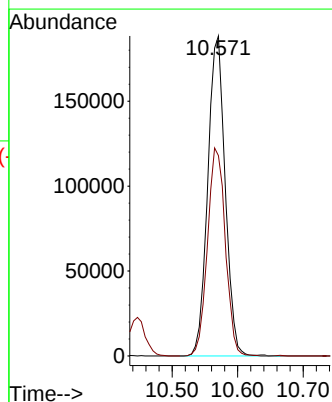
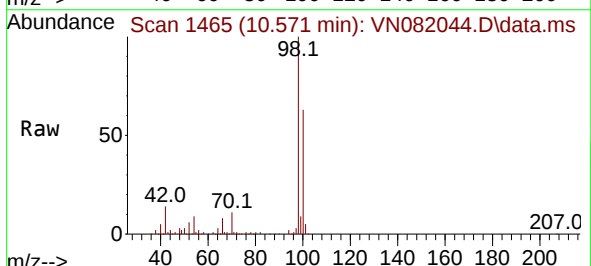
Manual Integrations
APPROVED

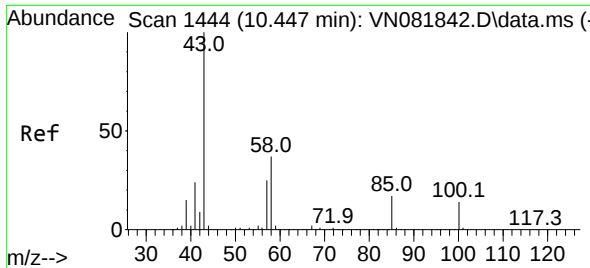
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#50
Toluene-d8
Concen: 54.953 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Tgt Ion: 98 Resp: 347745
Ion Ratio Lower Upper
98 100
100 66.5 51.8 77.6





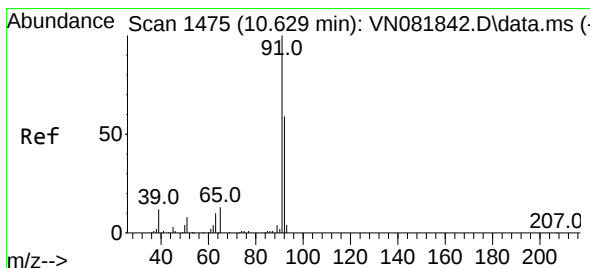
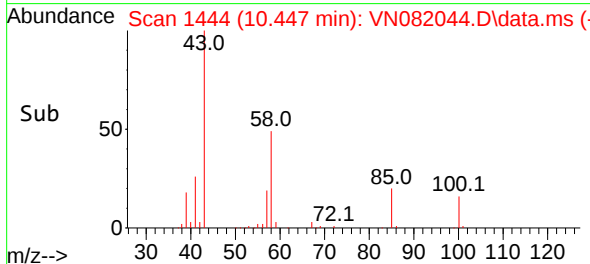
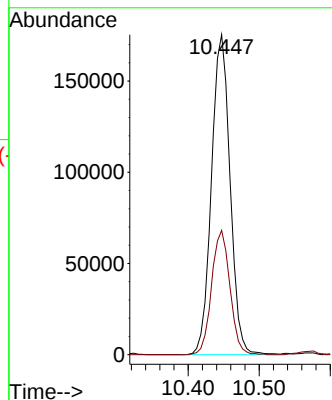
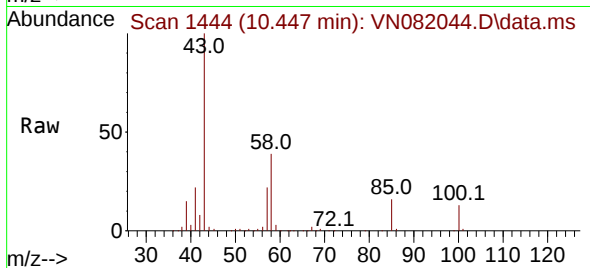
#51
4-Methyl-2-Pentanone
Concen: 106.207 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 43 Resp: 31861
Ion Ratio Lower Upper
43 100
58 38.3 33.2 49.8

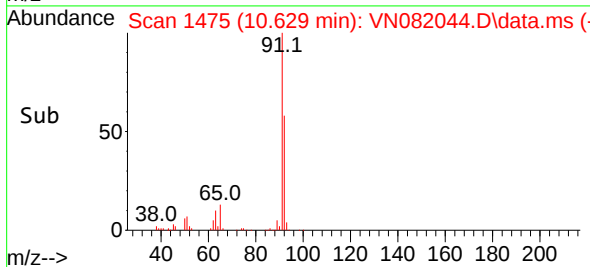
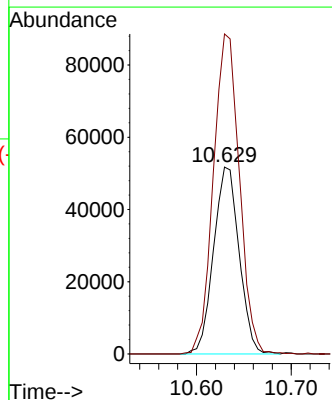
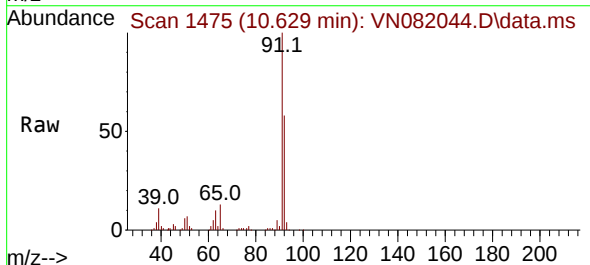
Manual Integrations
APPROVED

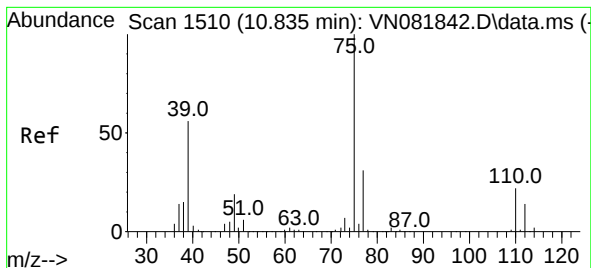
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#52
Toluene
Concen: 20.571 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

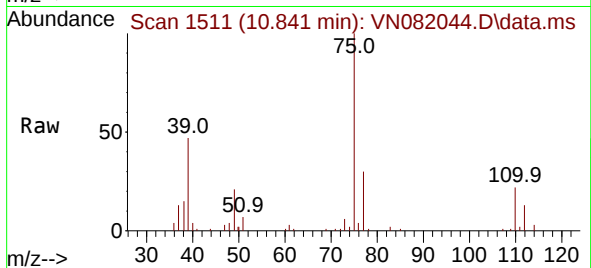
Tgt Ion: 92 Resp: 96940
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 19.010 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

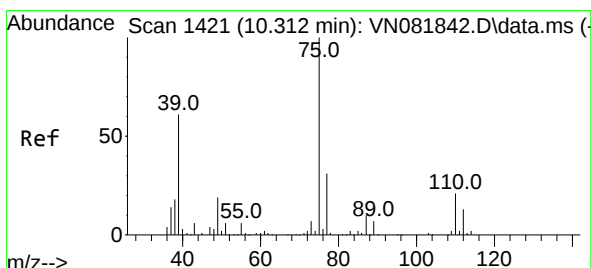
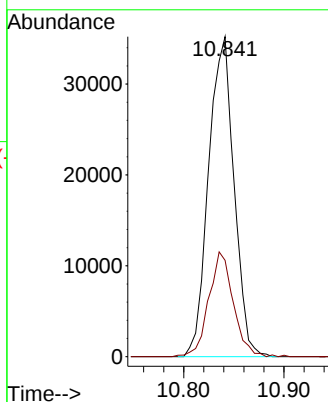
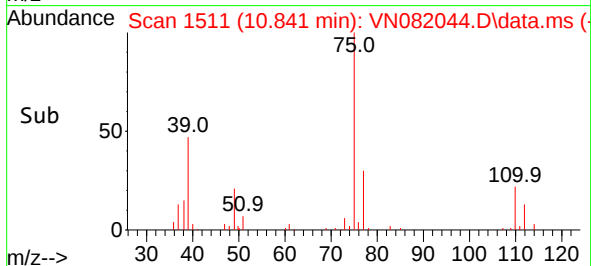
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 75 Resp: 62092
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

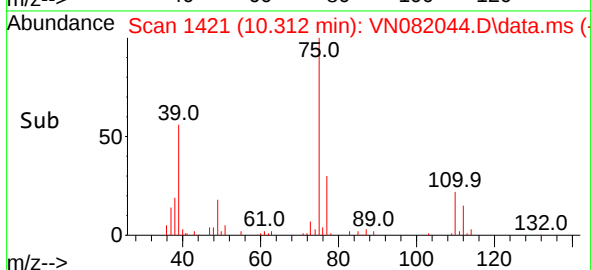
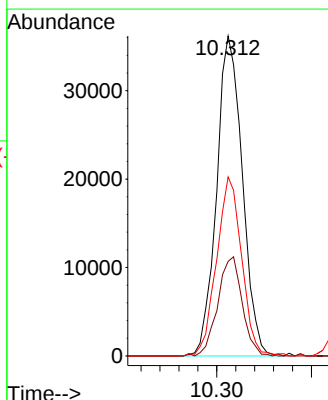
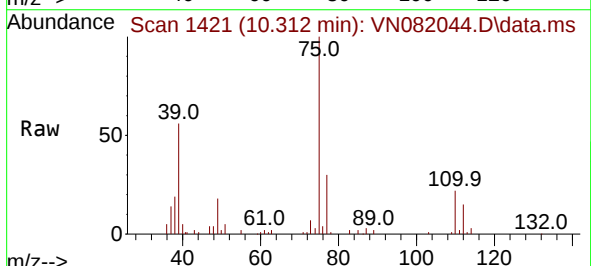
Manual Integrations
APPROVED

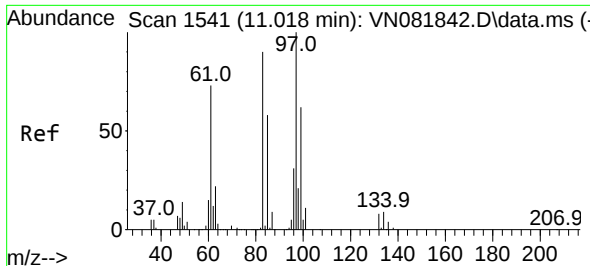
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#54
cis-1,3-Dichloropropene
Concen: 20.284 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

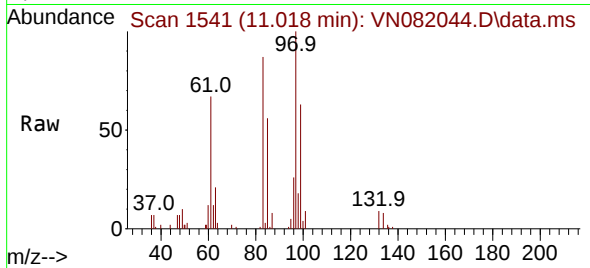
Tgt Ion: 75 Resp: 68284
Ion Ratio Lower Upper
75 100
77 29.5 25.0 37.4
39 56.0 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 21.521 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

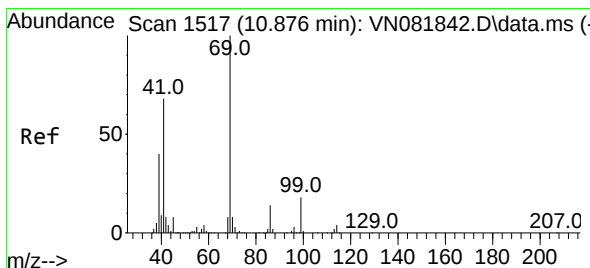
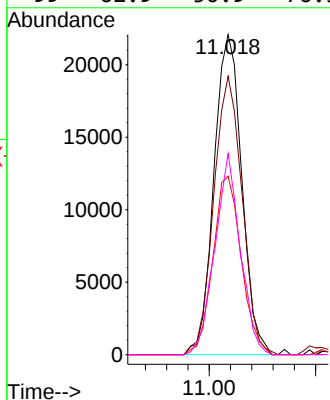
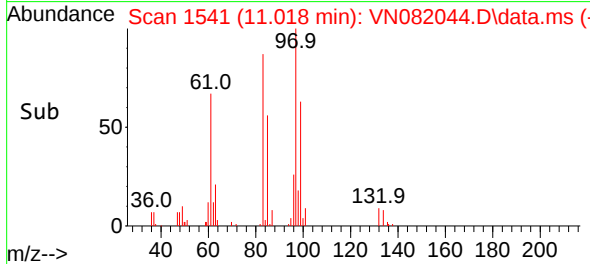
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



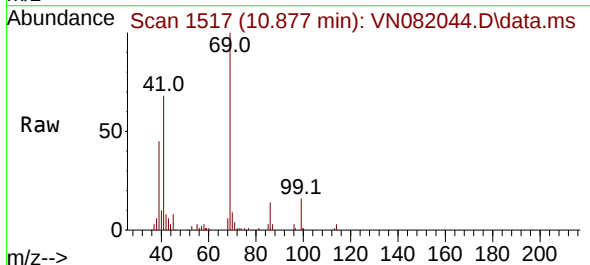
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.4	105.6
85	55.8	45.6	68.4
99	62.9	50.9	76.3

Manual Integrations
APPROVED

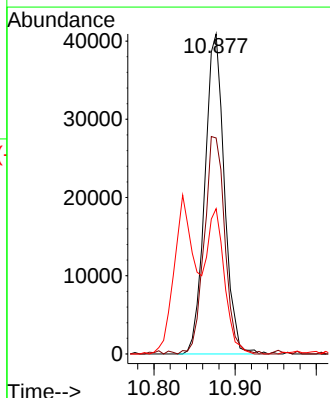
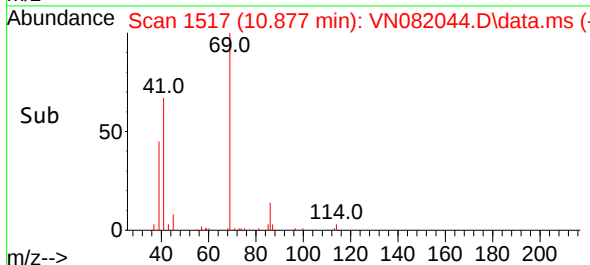
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

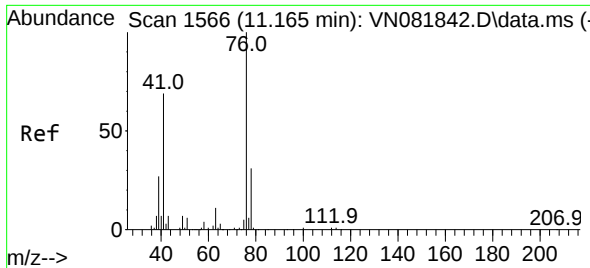


#56
Ethyl methacrylate
Concen: 19.289 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



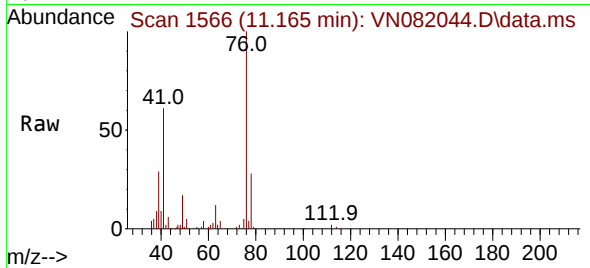
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.9	46.6	70.0#
39	40.6	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 21.479 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

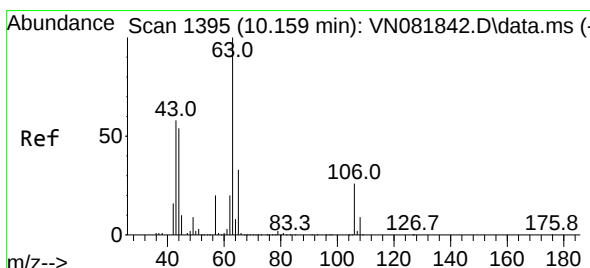
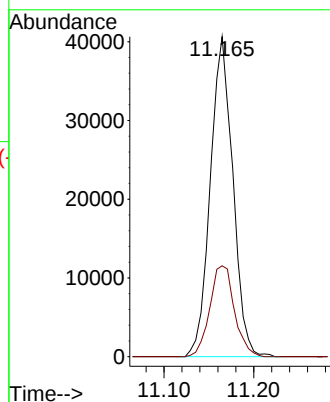
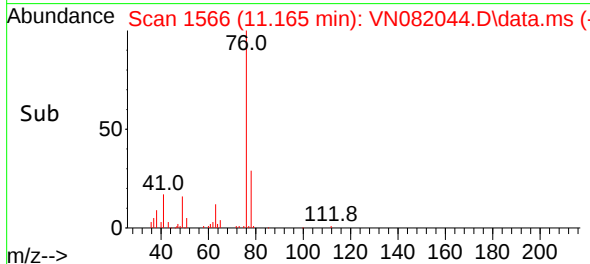
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 76 Resp: 7077
Ion Ratio Lower Upper
76 100
78 31.1 25.8 38.6

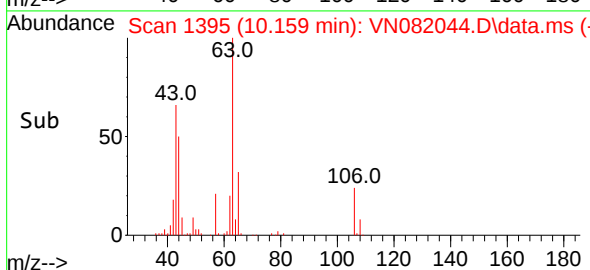
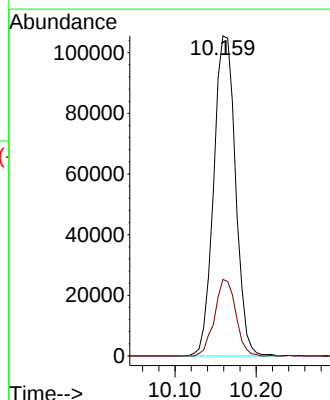
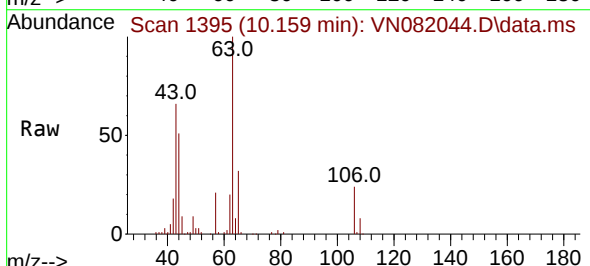
Manual Integrations
APPROVED

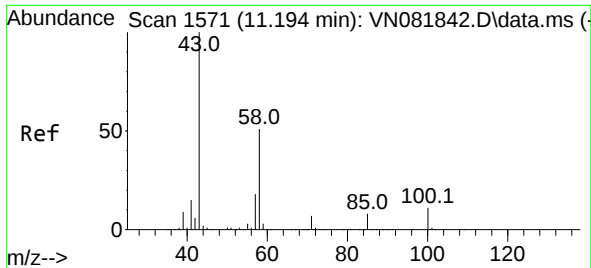
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 122.904 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

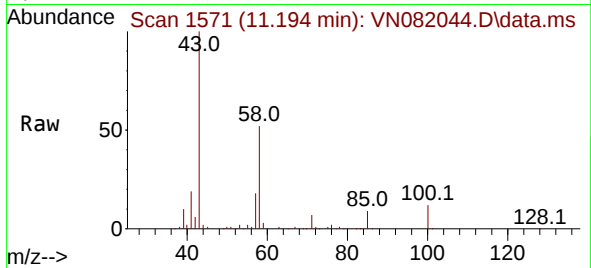
Tgt Ion: 63 Resp: 197589
Ion Ratio Lower Upper
63 100
106 23.2 24.6 36.8#





#59
2-Hexanone
Concen: 105.974 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

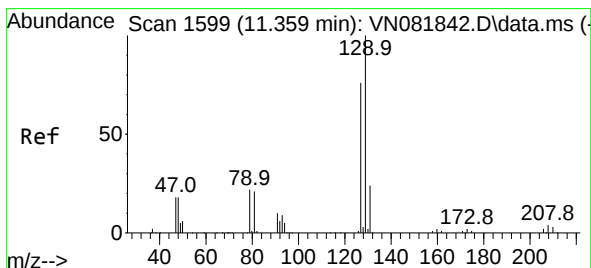
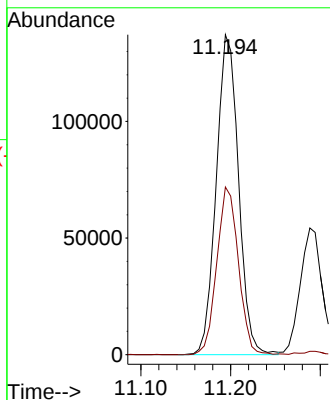
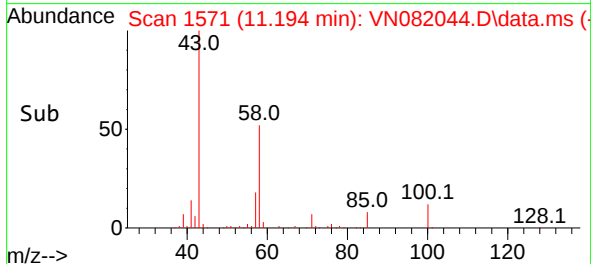
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 43 Resp: 23659
Ion Ratio Lower Upper
43 100
58 50.9 28.3 84.9

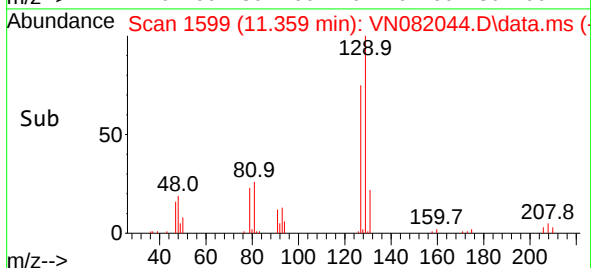
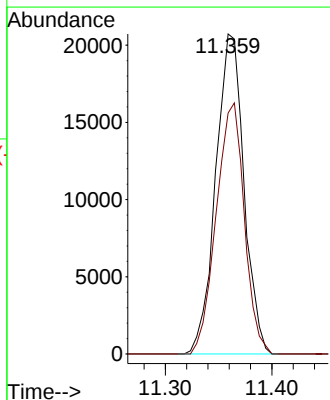
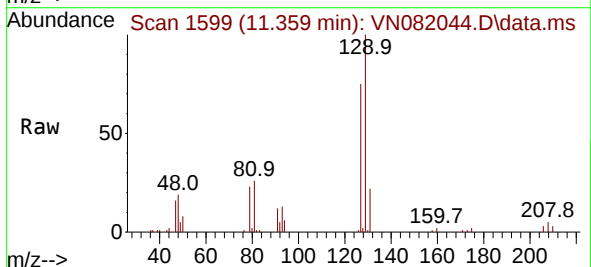
Manual Integrations
APPROVED

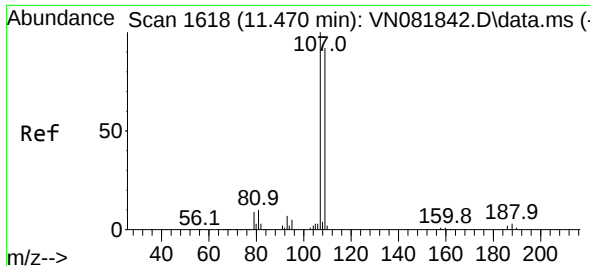
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#60
Dibromochloromethane
Concen: 19.389 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

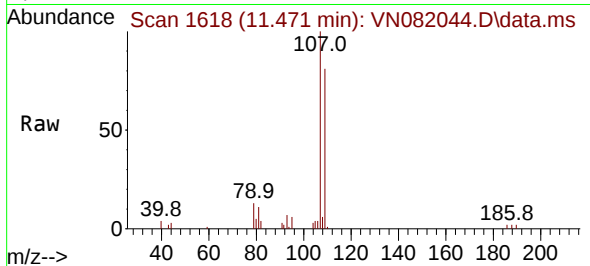
Tgt Ion:129 Resp: 38059
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





#61
1,2-Dibromoethane
Concen: 19.635 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

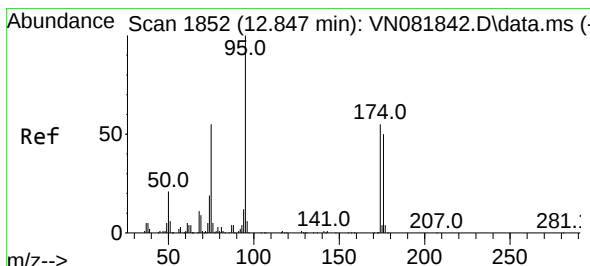
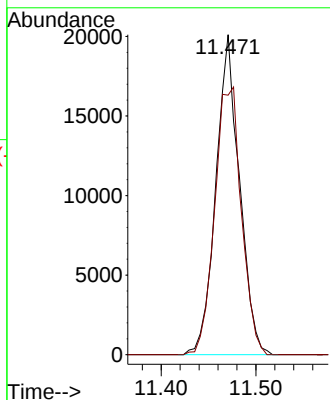
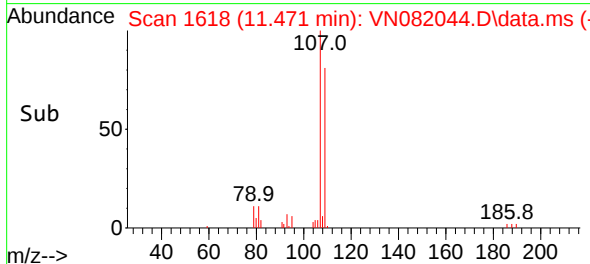
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



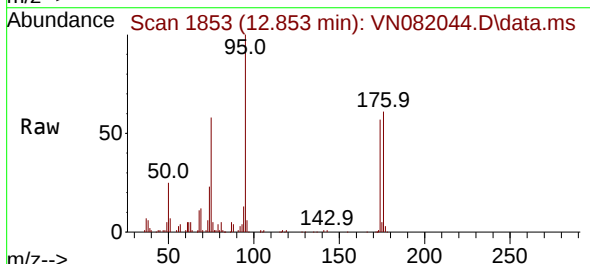
Tgt Ion: 107 Resp: 34799
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.6

Manual Integrations
APPROVED

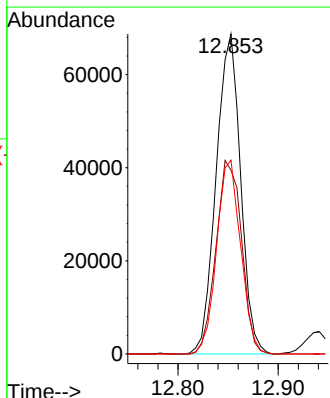
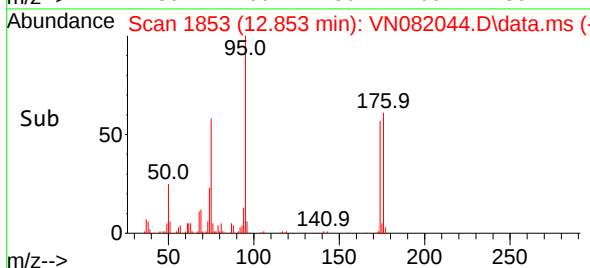
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

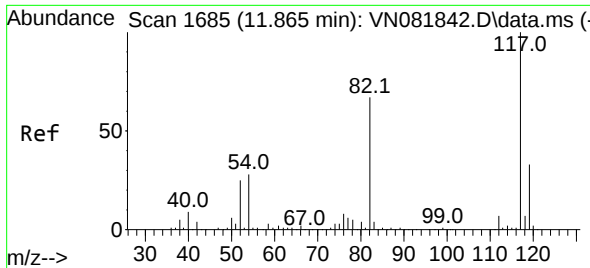


#62
4-Bromofluorobenzene
Concen: 46.532 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



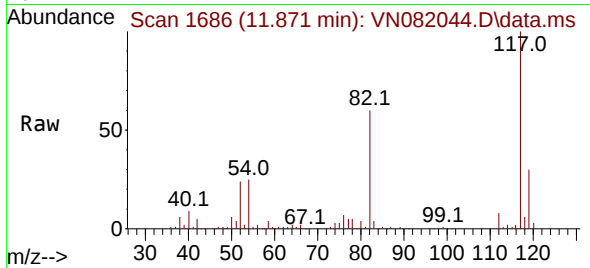
Tgt Ion: 95 Resp: 116400
Ion Ratio Lower Upper
95 100
174 63.1 0.0 160.6
176 59.6 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

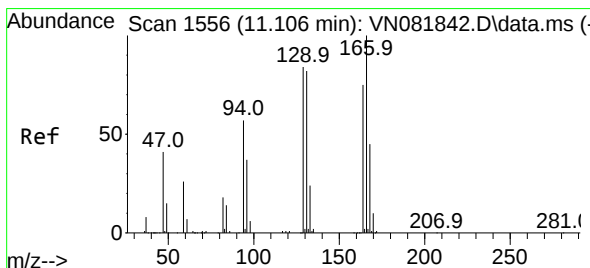
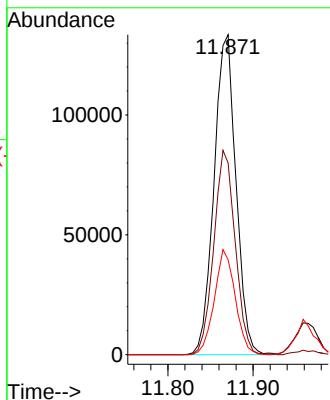
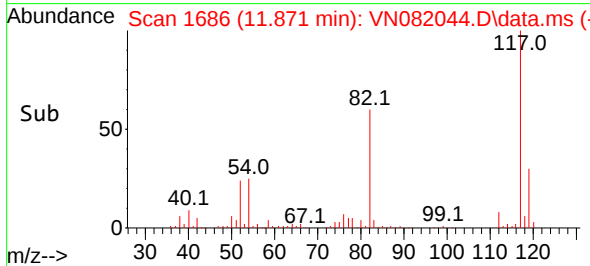
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



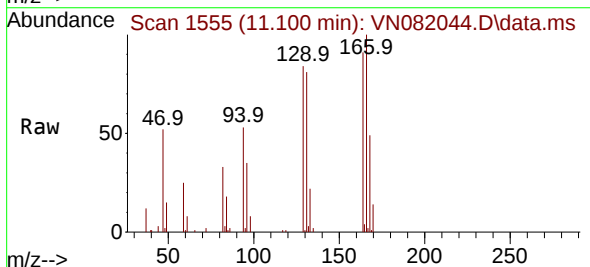
Tgt Ion:117 Resp: 239098
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 29.6 25.9 38.9

Manual Integrations
APPROVED

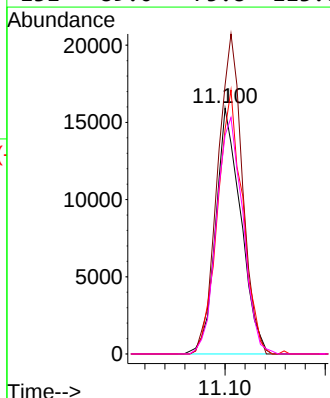
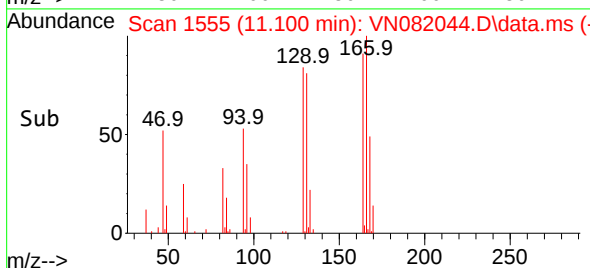
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

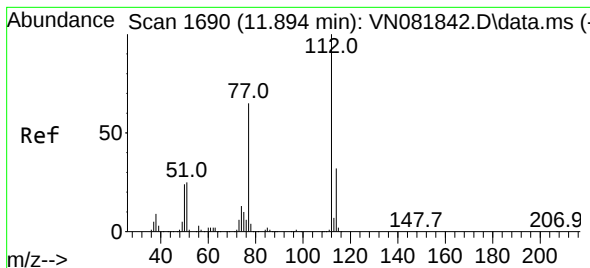


#64
Tetrachloroethene
Concen: 15.933 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



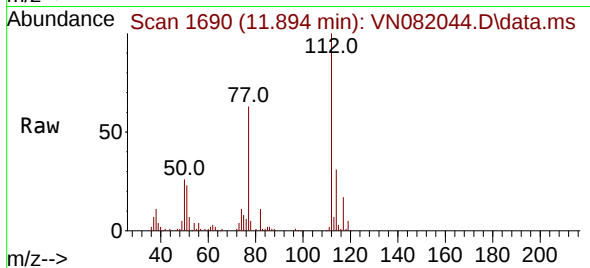
Tgt Ion:164 Resp: 27669
Ion Ratio Lower Upper
164 100
166 109.4 97.6 146.4
129 91.3 73.7 110.5
131 89.0 75.8 113.6





#65
Chlorobenzene
Concen: 19.229 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

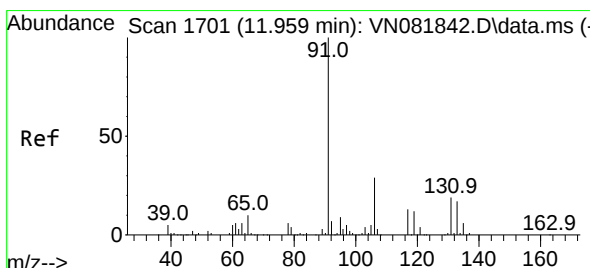
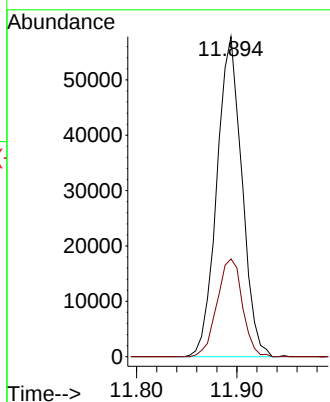
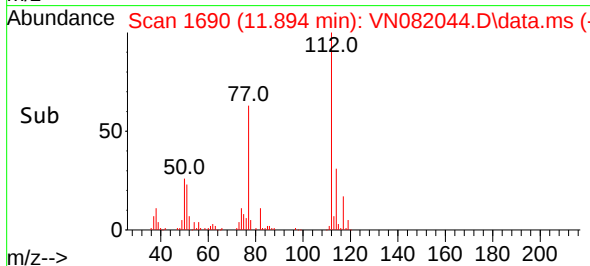
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



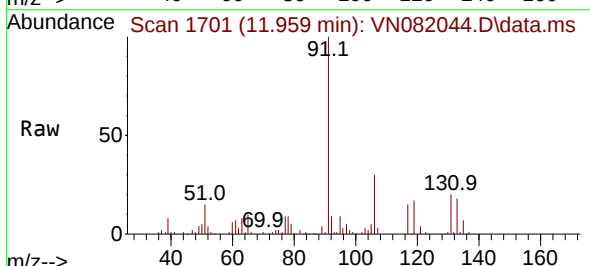
Tgt Ion:112 Resp: 100400
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5

Manual Integrations
APPROVED

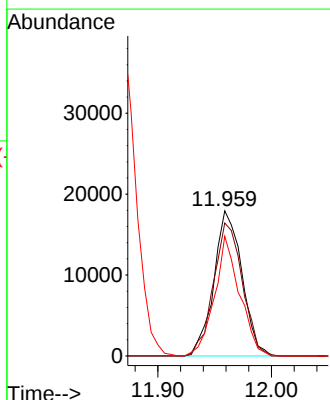
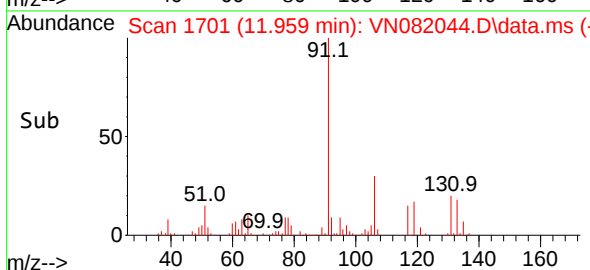
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

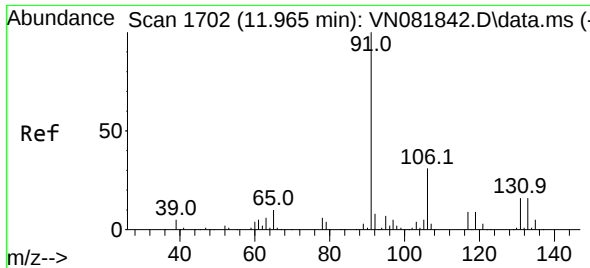


#66
1,1,1,2-Tetrachloroethane
Concen: 18.133 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



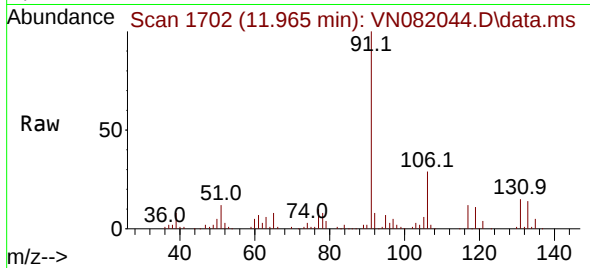
Tgt Ion:131 Resp: 30771
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 74.0 32.9 98.7





#67
Ethyl Benzene
Concen: 18.757 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

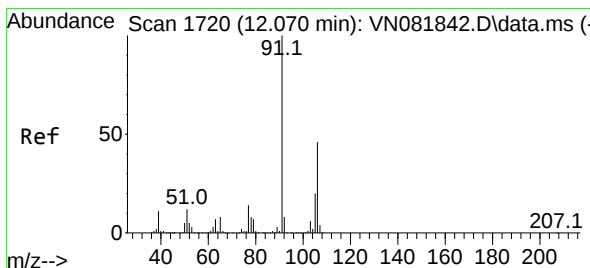
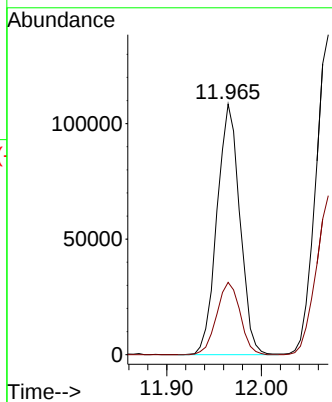
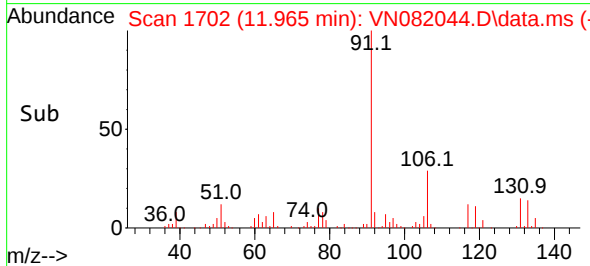
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



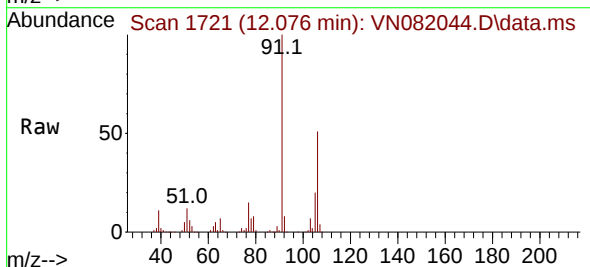
Tgt Ion: 91 Resp: 182139
Ion Ratio Lower Upper
91 100
106 28.9 25.3 37.9

Manual Integrations
APPROVED

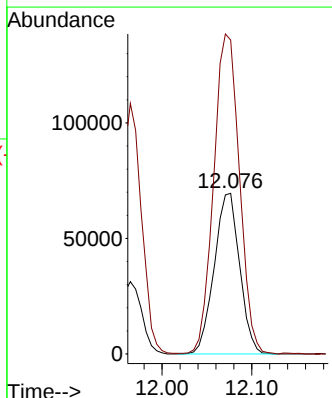
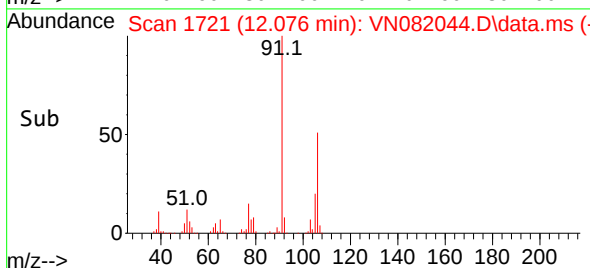
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

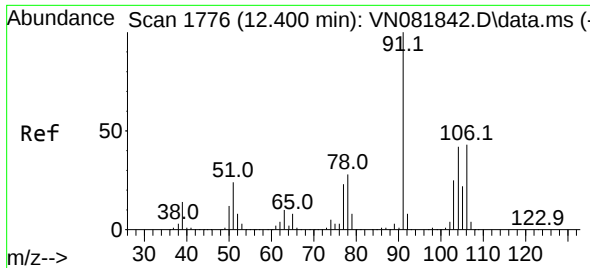


#68
m/p-Xylenes
Concen: 39.412 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion:106 Resp: 136510
Ion Ratio Lower Upper
106 100
91 202.4 159.4 239.0





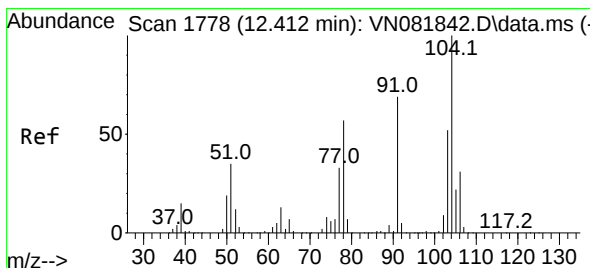
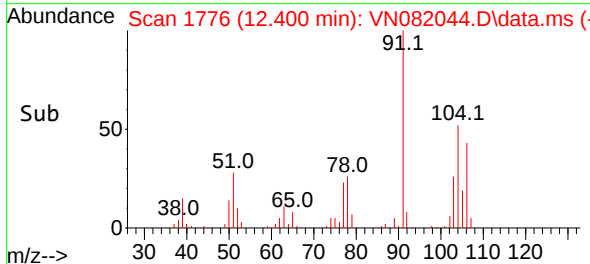
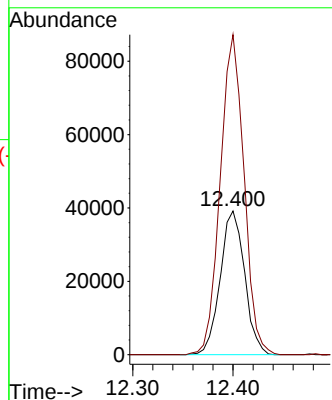
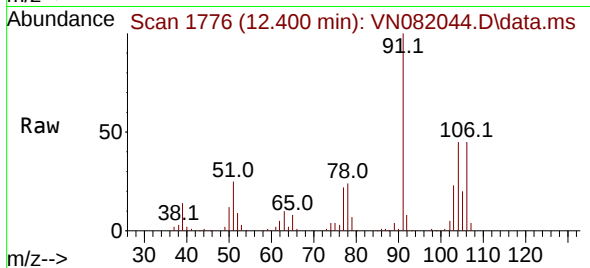
#69
o-Xylene
Concen: 19.576 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion:106 Resp: 66190
Ion Ratio Lower Upper
106 100
91 216.8 104.7 314.1

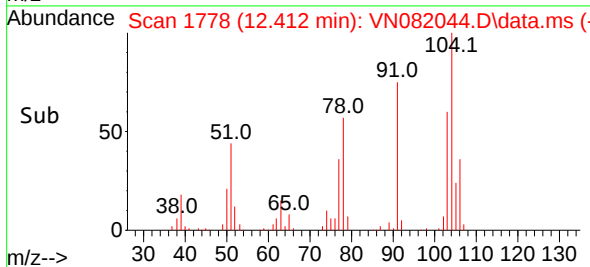
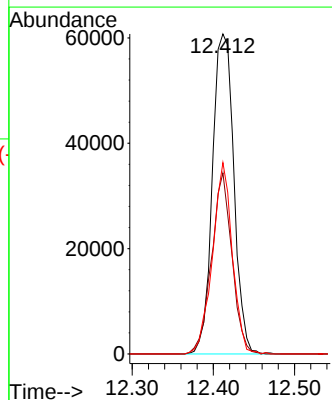
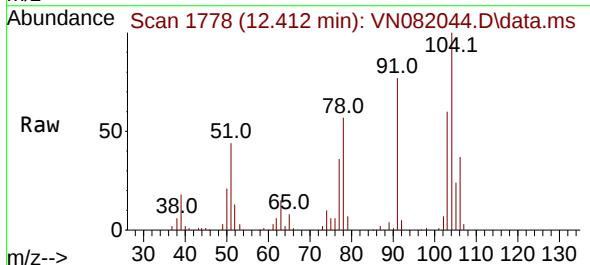
Manual Integrations
APPROVED

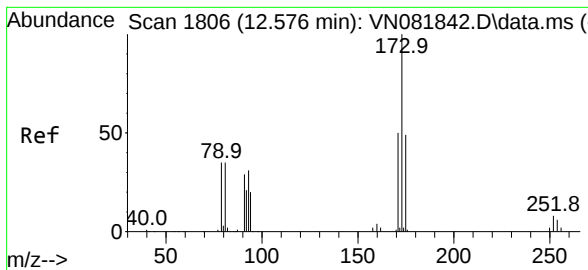
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#70
Styrene
Concen: 19.042 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

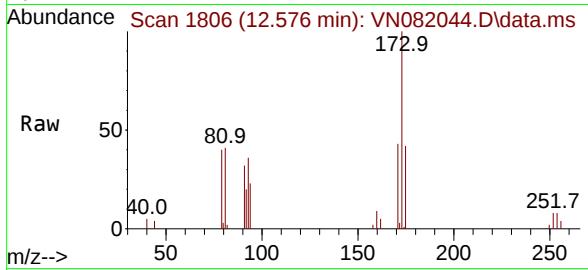
Tgt Ion:104 Resp: 111393
Ion Ratio Lower Upper
104 100
78 54.0 38.6 58.0
103 55.4 43.8 65.6





#71
Bromoform
Concen: 16.069 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

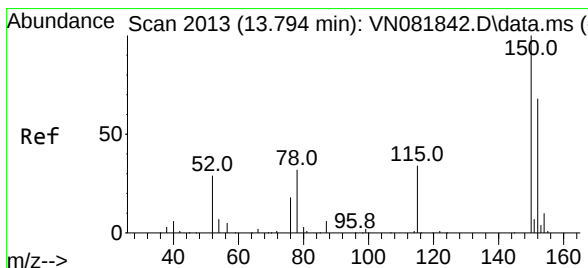
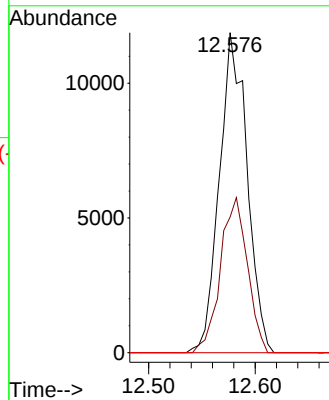
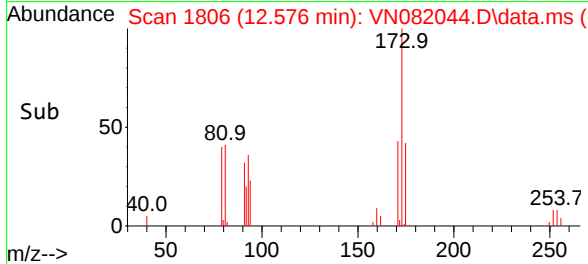
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



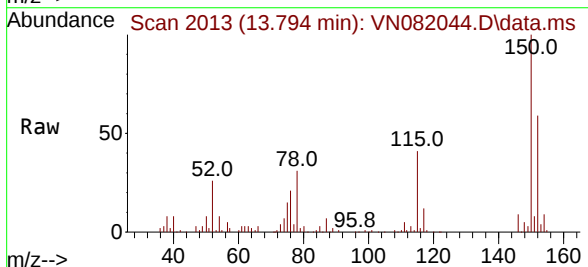
Tgt Ion:173 Resp: 2143
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

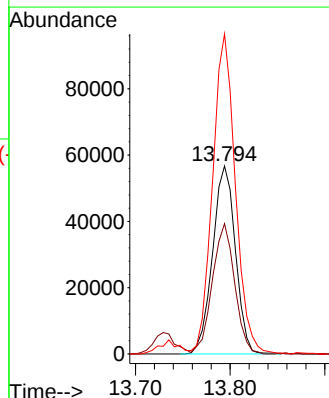
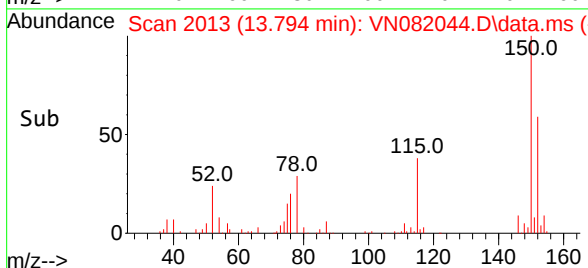
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

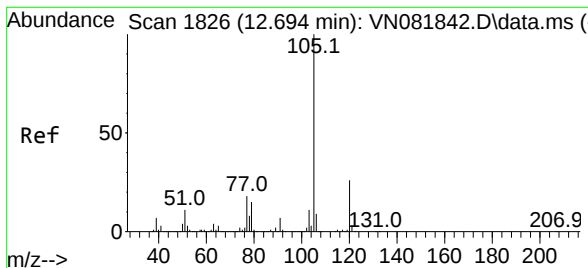


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion:152 Resp: 94806
Ion Ratio Lower Upper
152 100
115 67.9 30.4 91.3
150 170.0 0.0 353.2





#73

Isopropylbenzene

Concen: 19.629 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion:105 Resp: 165459

Ion Ratio Lower Upper

105 100

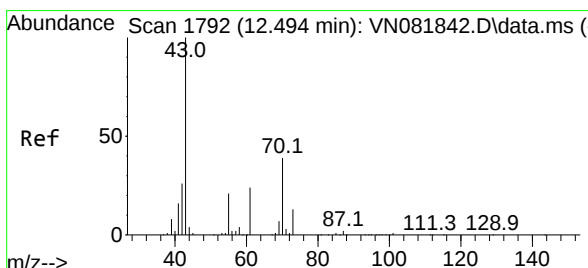
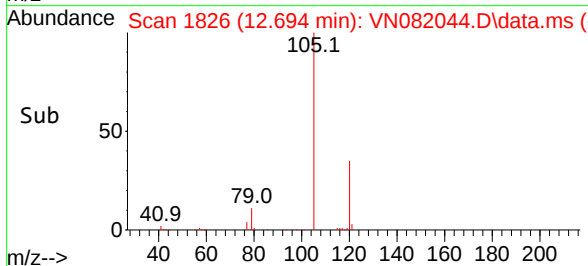
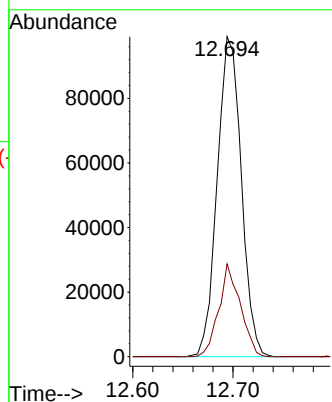
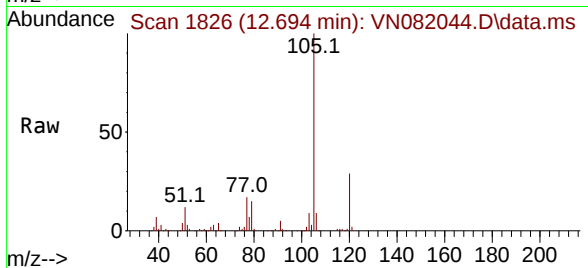
120 25.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#74

N-ethyl acetate

Concen: 20.459 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Tgt Ion: 43 Resp: 96013

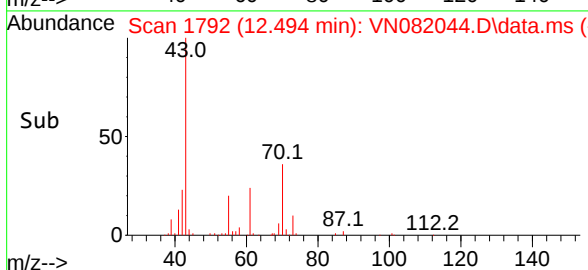
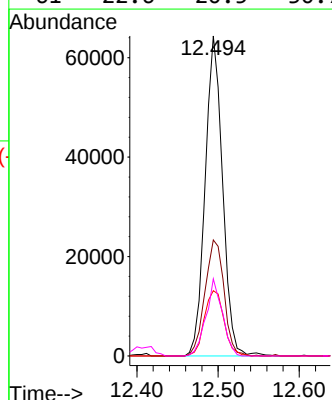
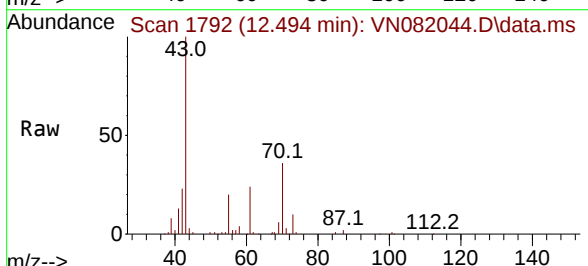
Ion Ratio Lower Upper

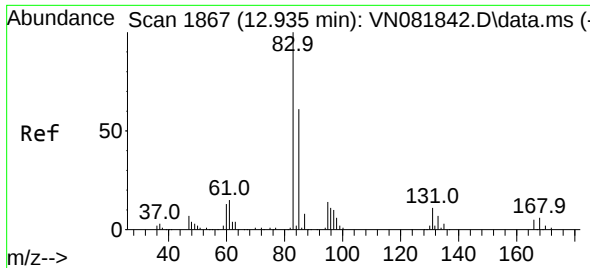
43 100

70 39.6 39.0 58.4

55 22.9 21.3 31.9

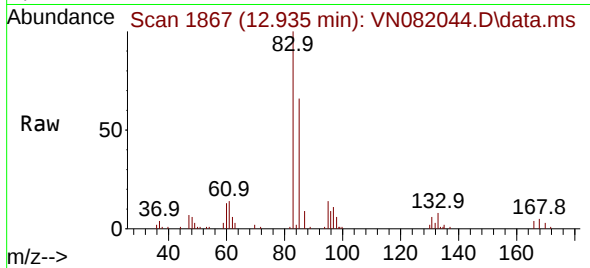
61 22.6 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.697 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

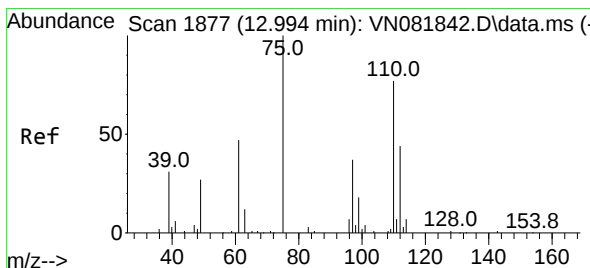
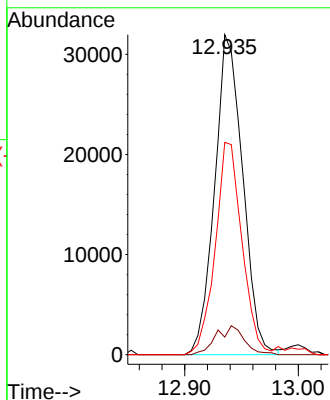
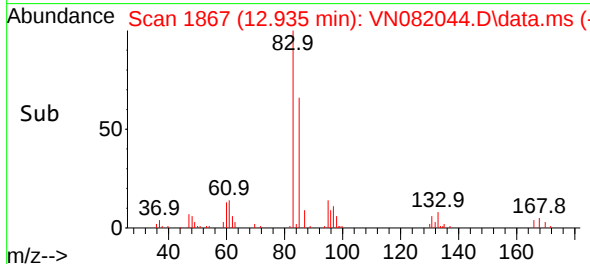
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 83 Resp: 5492
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.4
85 63.1 32.9 98.6

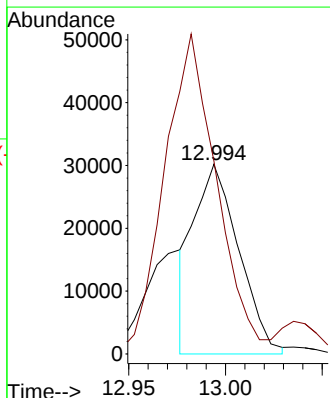
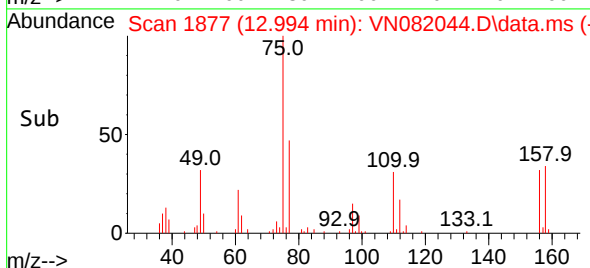
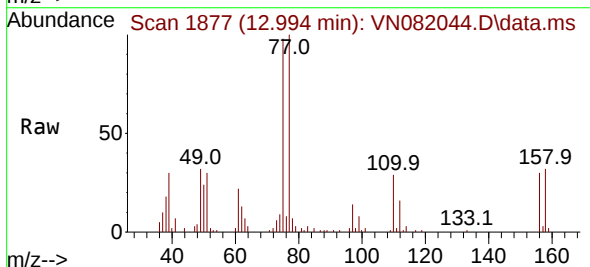
Manual Integrations
APPROVED

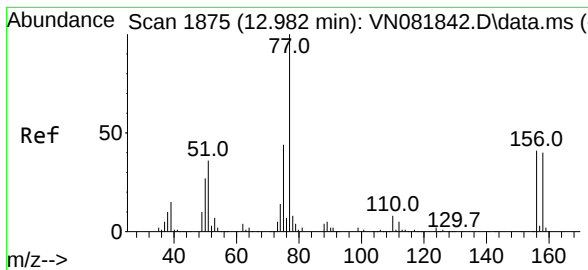
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#76
1,2,3-Trichloropropane
Concen: 19.814 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

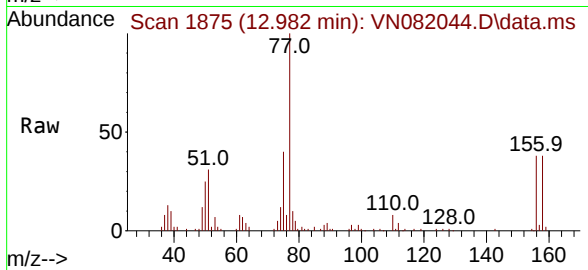
Tgt Ion: 75 Resp: 48705
Ion Ratio Lower Upper
75 100
77 197.8 90.5 271.3





#77
Bromobenzene
Concen: 19.034 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

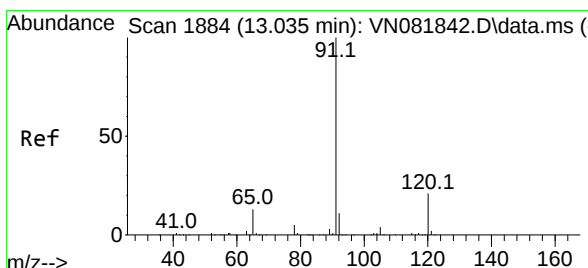
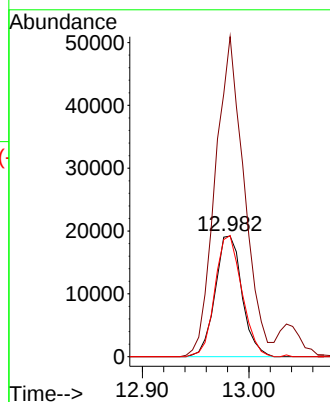
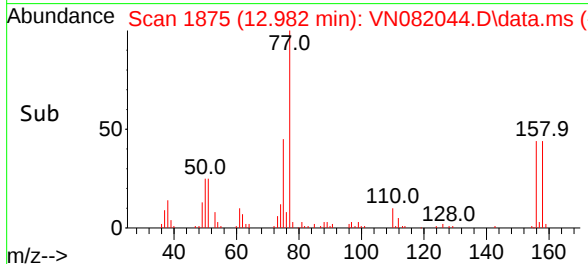
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion:156 Resp: 33574
Ion Ratio Lower Upper
156 100
77 286.9 100.2 300.6
158 100.6 49.1 147.3

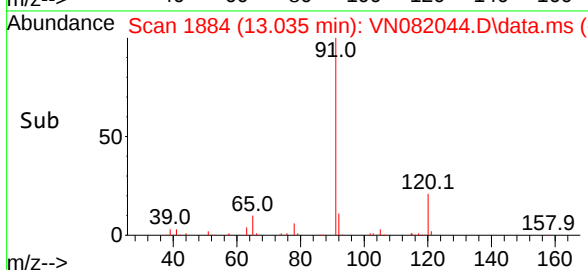
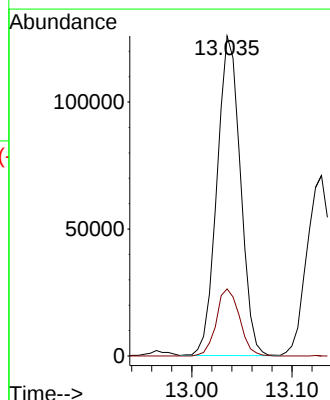
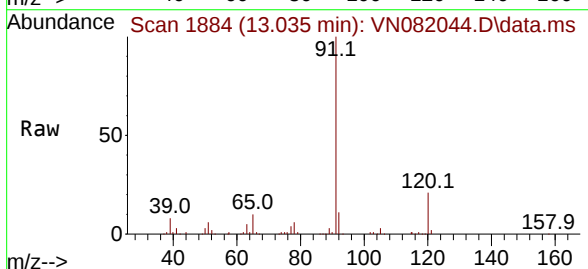
Manual Integrations
APPROVED

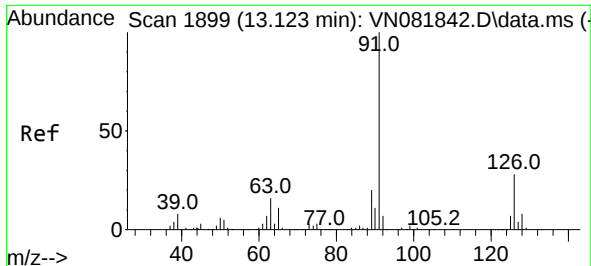
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#78
n-propylbenzene
Concen: 19.950 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Tgt Ion: 91 Resp: 204259
Ion Ratio Lower Upper
91 100
120 20.8 11.7 35.0





#79

2-Chlorotoluene

Concen: 18.602 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion: 91 Resp: 121174

Ion Ratio Lower Upper

91 100

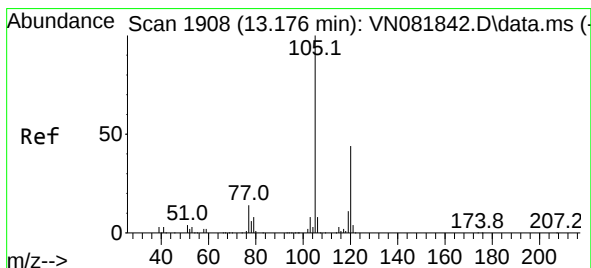
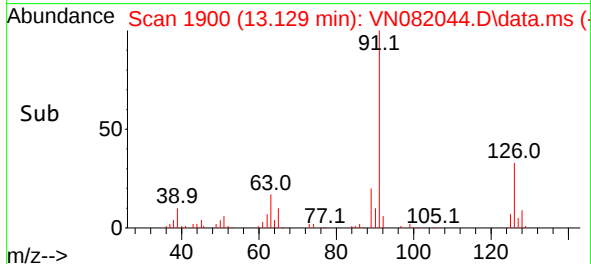
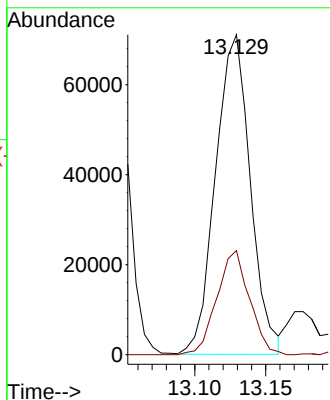
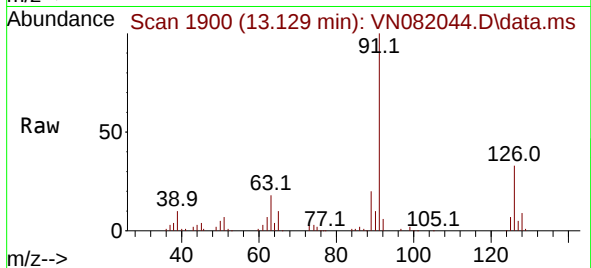
126 30.5 17.5 52.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#80

1,3,5-Trimethylbenzene

Concen: 18.697 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN082044.D

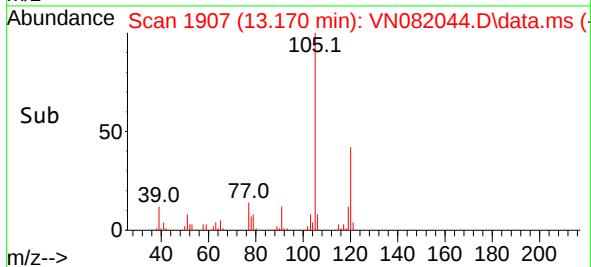
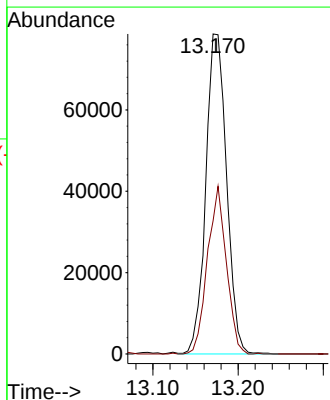
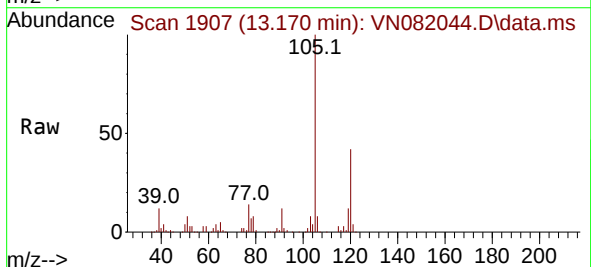
Acq: 09 May 2024 12:34

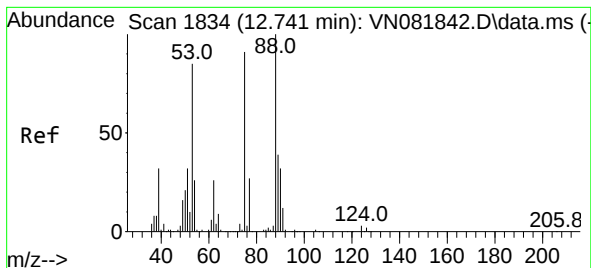
Tgt Ion:105 Resp: 133364

Ion Ratio Lower Upper

105 100

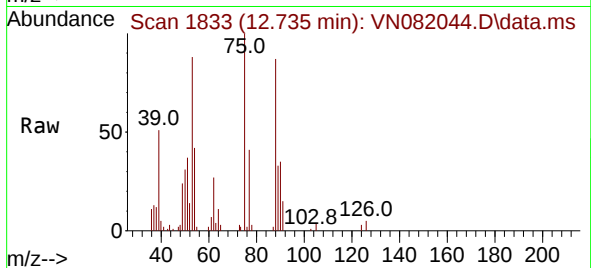
120 47.6 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.919 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

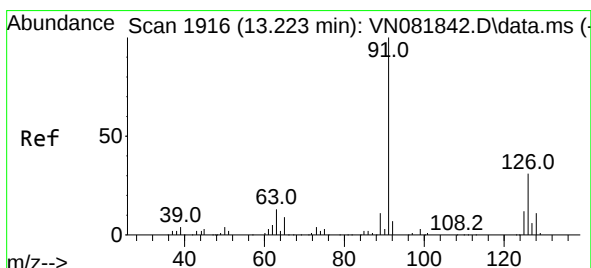
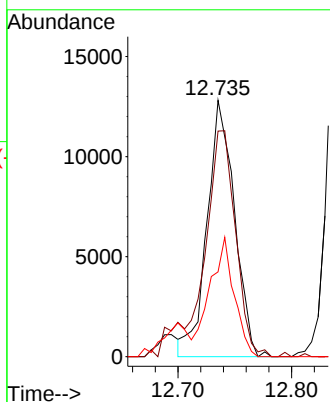
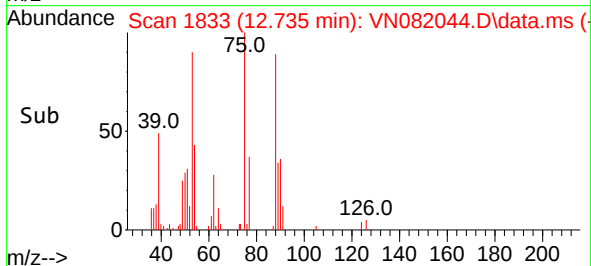
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
53 103.7 72.9 109.3
89 41.4 39.1 58.7

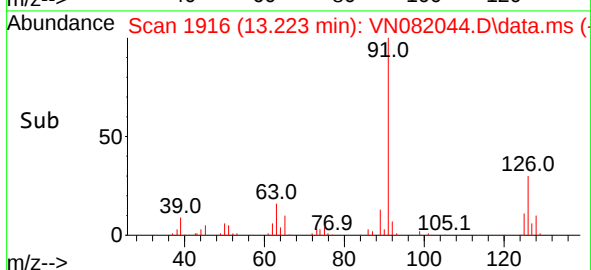
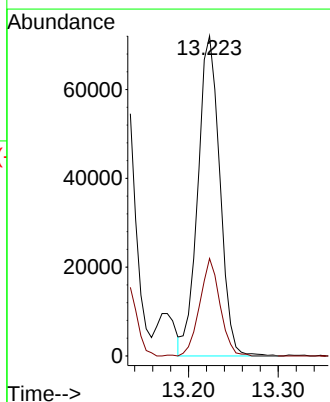
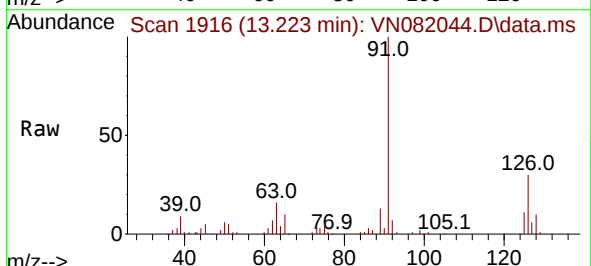
Manual Integrations
APPROVED

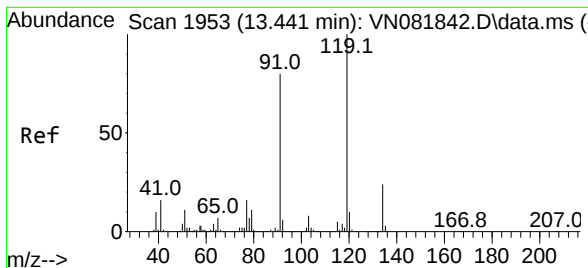
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#82
4-Chlorotoluene
Concen: 19.347 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

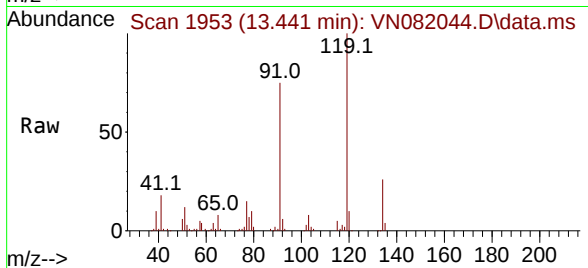
Tgt Ion: 91 Resp: 122355
Ion Ratio Lower Upper
91 100
126 28.2 17.4 52.3





#83
tert-Butylbenzene
Concen: 19.251 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

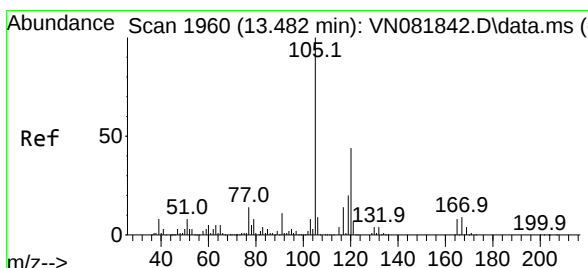
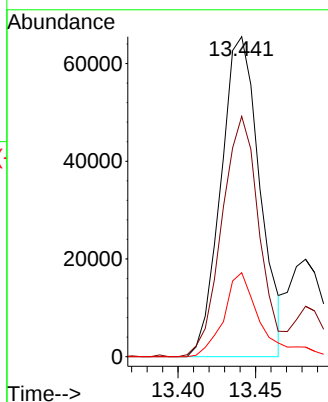
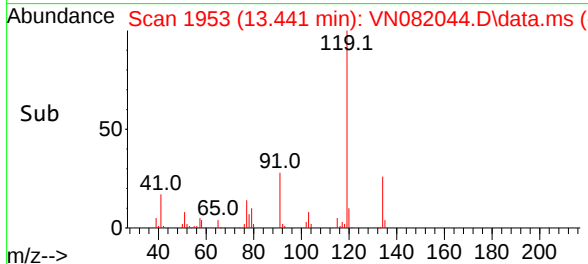
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



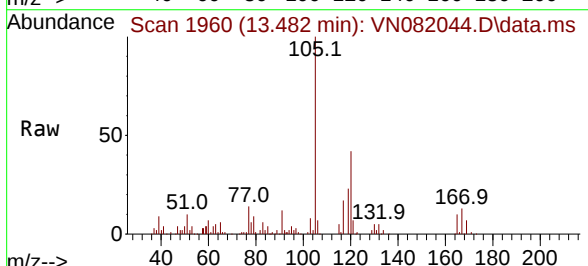
Tgt Ion:119 Resp: 11435
Ion Ratio Lower Upper
119 100
91 73.0 32.6 97.8
134 24.8 12.4 37.0

Manual Integrations
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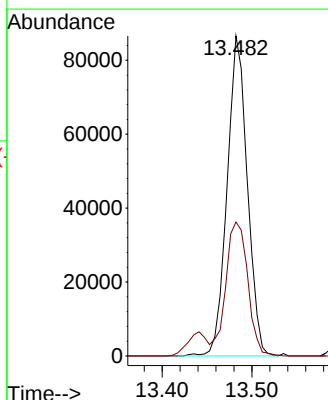
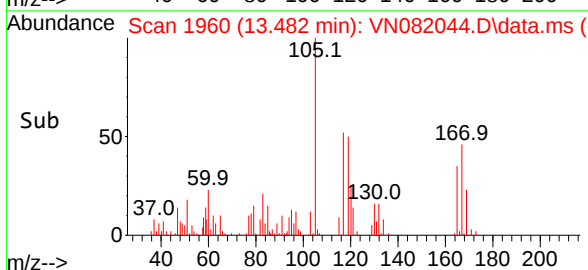
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

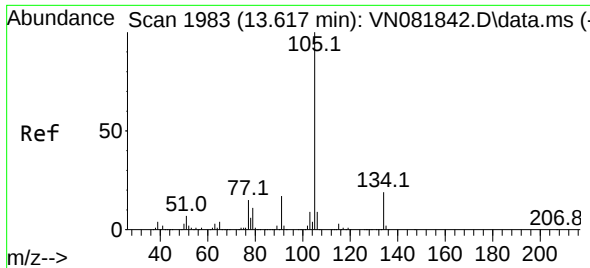


#84
1,2,4-Trimethylbenzene
Concen: 19.025 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



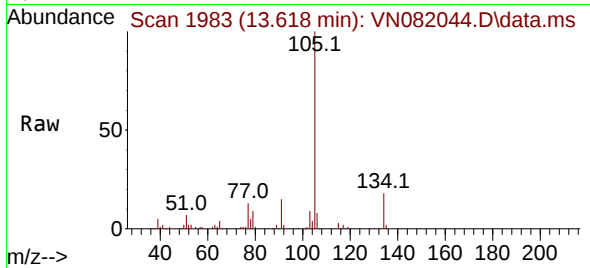
Tgt Ion:105 Resp: 135519
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 20.375 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34

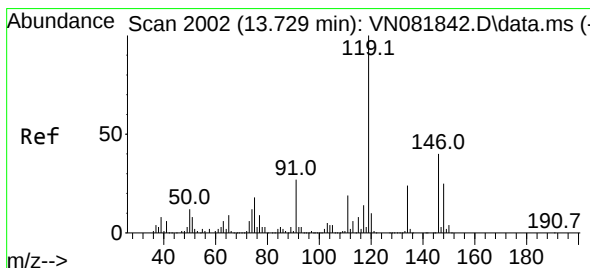
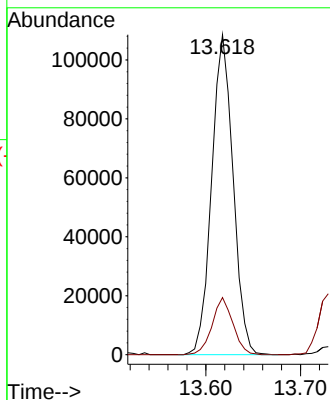
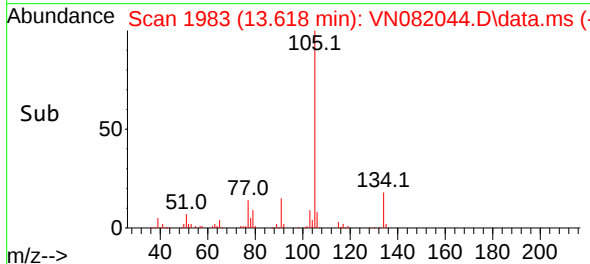
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01



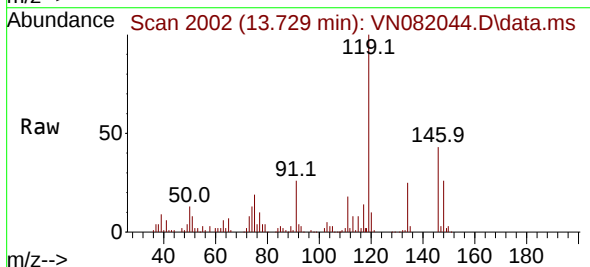
Tgt Ion:105 Resp: 170477
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.2 30.4

Manual Integrations
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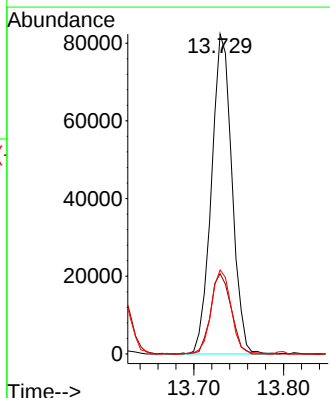
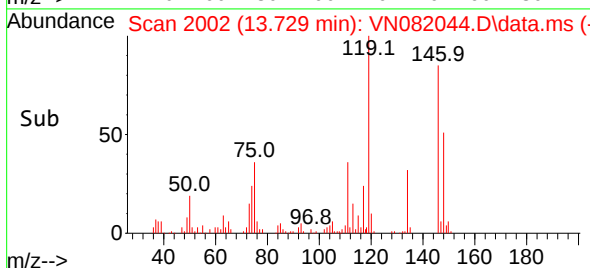
Reviewed By :John Carlone 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

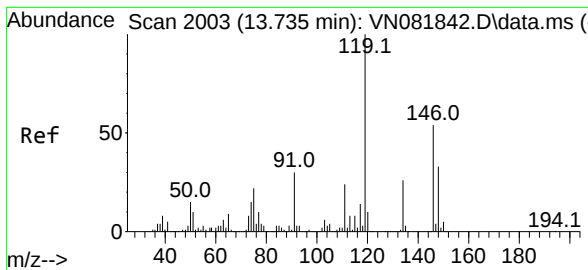


#86
 p-Isopropyltoluene
 Concen: 19.429 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34



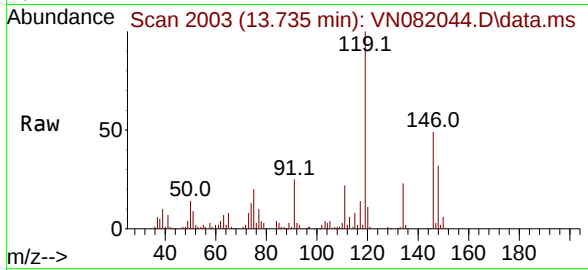
Tgt Ion:119 Resp: 130525
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.2 39.5
 91 25.5 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 19.289 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34

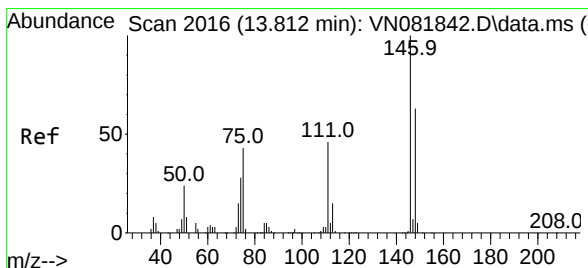
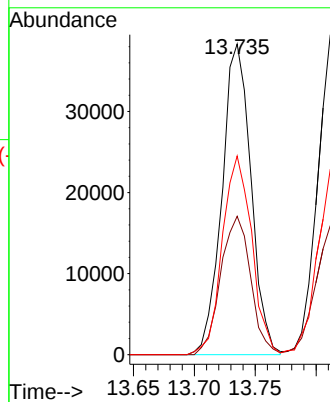
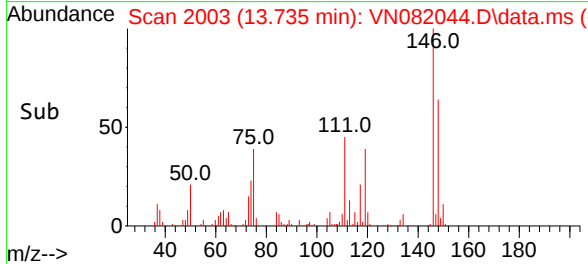
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01



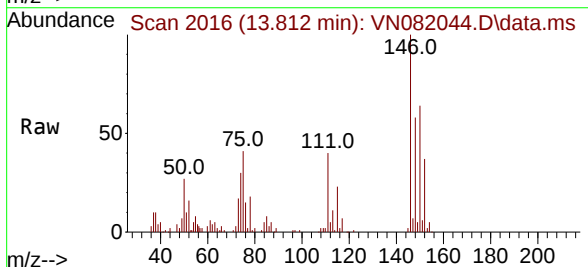
Tgt Ion:146 Resp: 6348
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.8 62.5
 148 65.0 32.1 96.3

Manual Integrations
 APPROVED

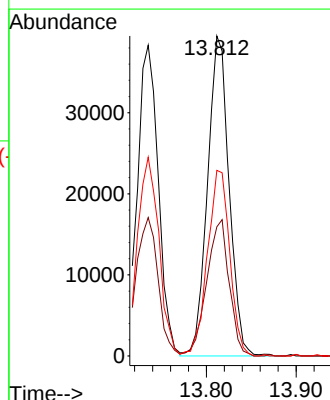
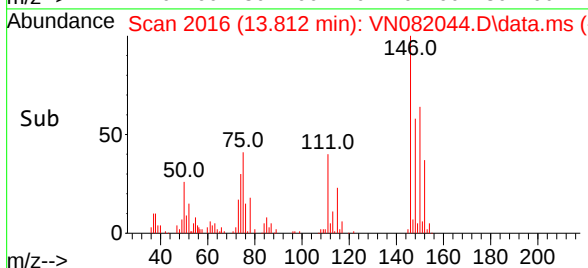
Reviewed By :John Carlone 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

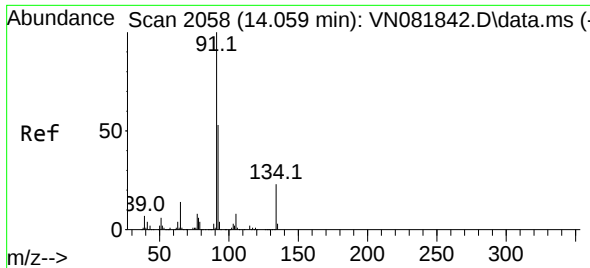


#88
 1,4-Dichlorobenzene
 Concen: 20.308 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082044.D
 Acq: 09 May 2024 12:34



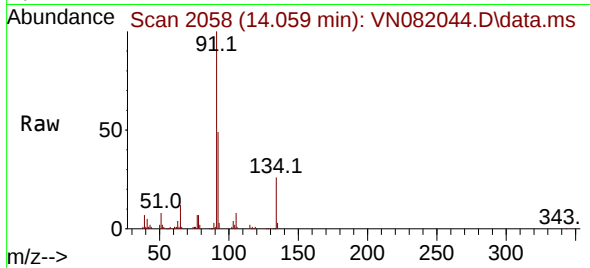
Tgt Ion:146 Resp: 65819
 Ion Ratio Lower Upper
 146 100
 111 44.3 19.3 57.9
 148 59.9 31.3 93.9





#89
n-Butylbenzene
Concen: 19.974 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

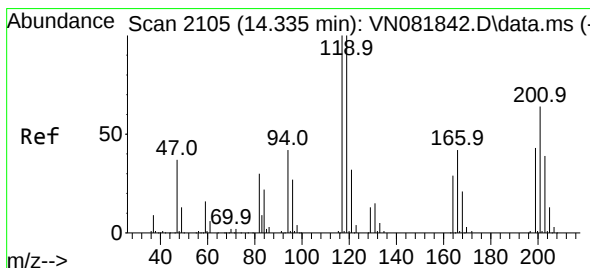
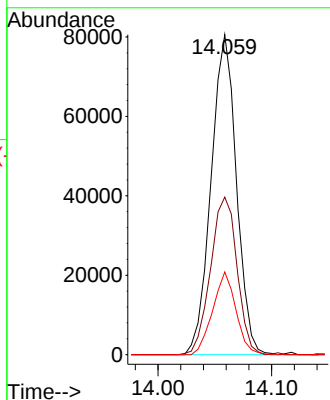
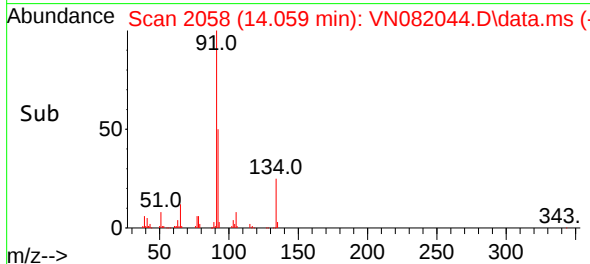
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 91 Resp: 12490
Ion Ratio Lower Upper
91 100
92 51.5 26.2 78.5
134 23.7 13.2 39.5

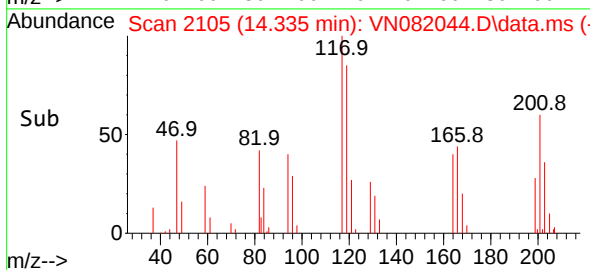
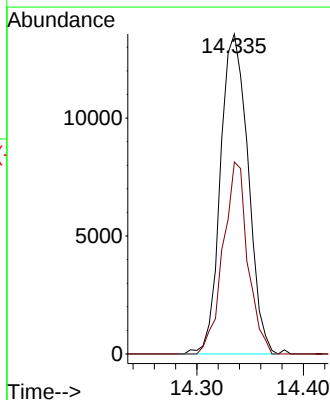
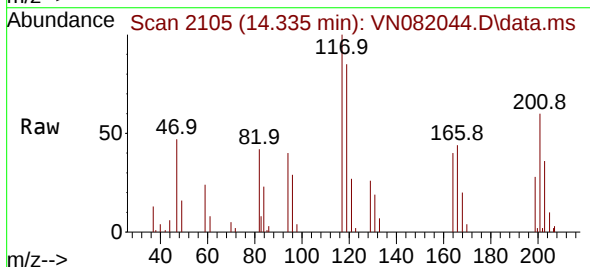
Manual Integrations
APPROVED

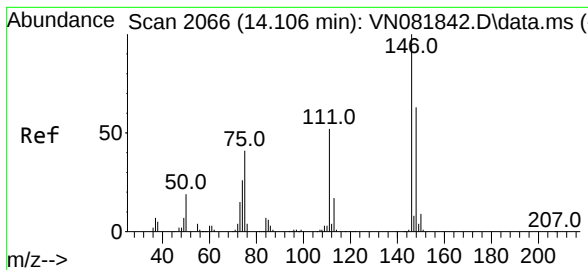
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#90
Hexachloroethane
Concen: 18.495 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Tgt Ion:117 Resp: 24443
Ion Ratio Lower Upper
117 100
201 53.6 33.3 99.8





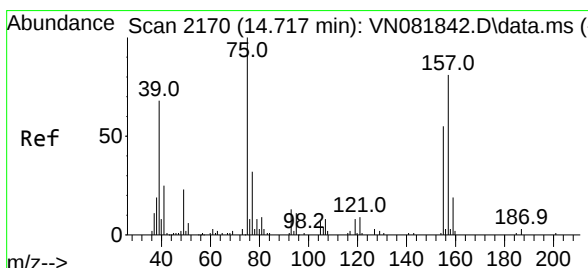
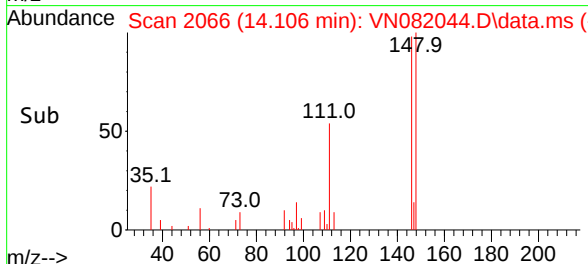
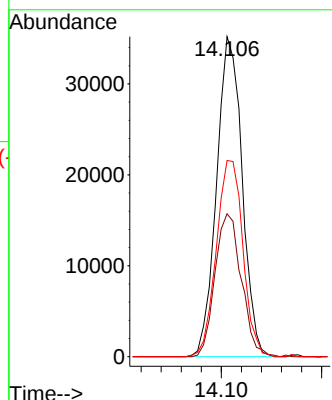
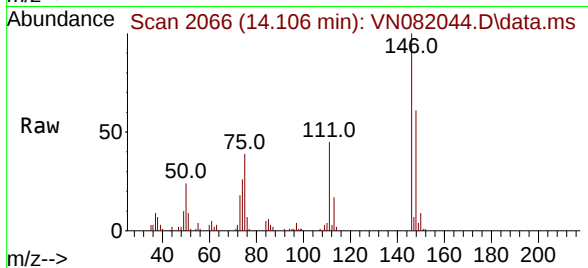
#91
1,2-Dichlorobenzene
Concen: 19.664 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion:146 Resp: 6204
Ion Ratio Lower Upper
146 100
111 46.3 21.3 64.0
148 63.9 31.8 95.4

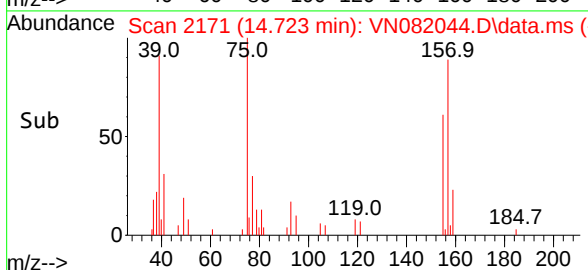
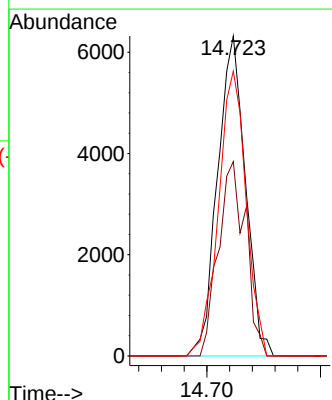
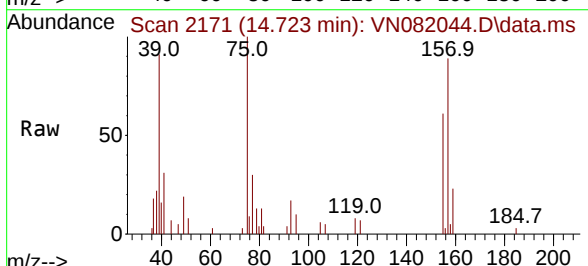
Manual Integrations
APPROVED

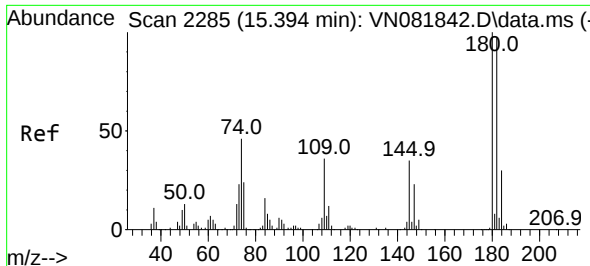
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.475 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

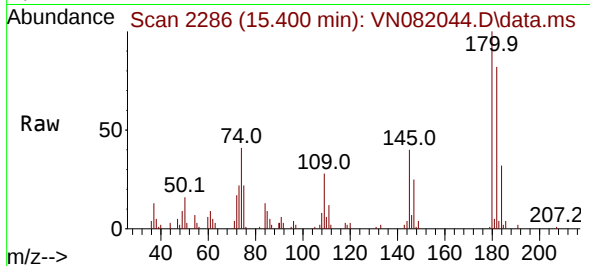
Tgt Ion: 75 Resp: 10769
Ion Ratio Lower Upper
75 100
155 59.8 42.6 128.0
157 88.4 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 17.382 ug/l
RT: 15.400 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34

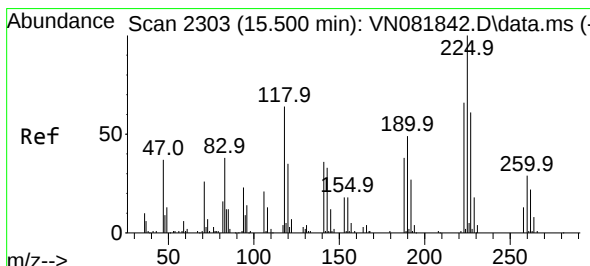
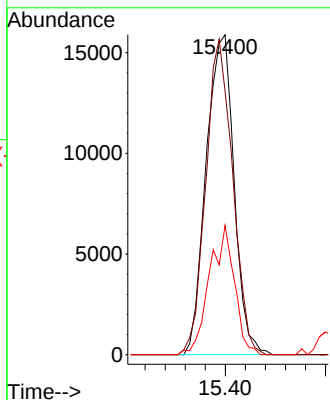
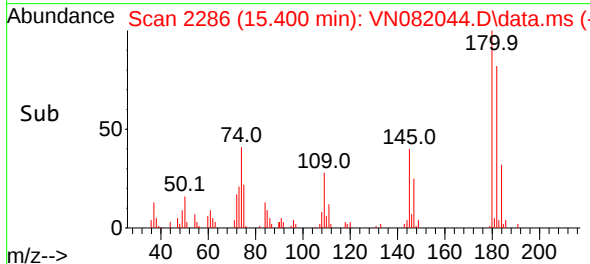
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



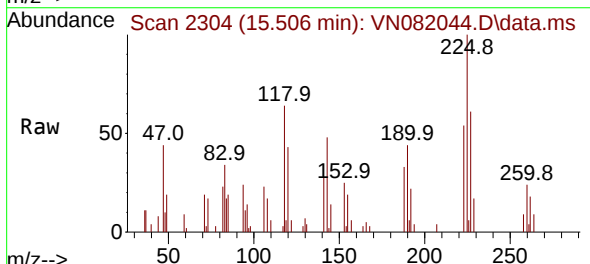
Tgt Ion:180 Resp: 3068
Ion Ratio Lower Upper
180 100
182 94.9 46.7 140.0
145 36.2 16.2 48.6

Manual Integrations
APPROVED

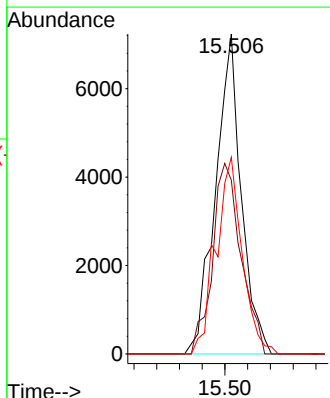
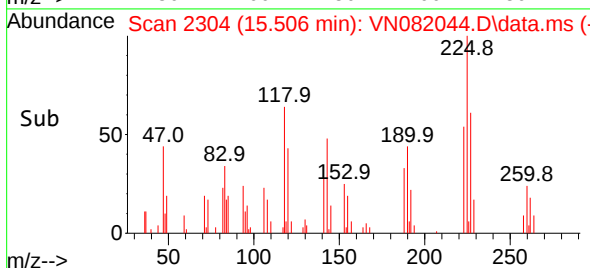
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

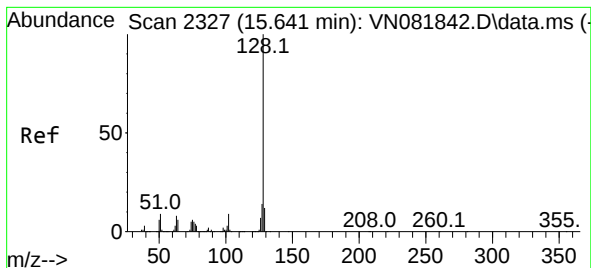


#94
Hexachlorobutadiene
Concen: 17.539 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082044.D
Acq: 09 May 2024 12:34



Tgt Ion:225 Resp: 11411
Ion Ratio Lower Upper
225 100
223 65.9 31.1 93.2
227 63.0 30.6 91.6





#95

Naphthalene

Concen: 18.267 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

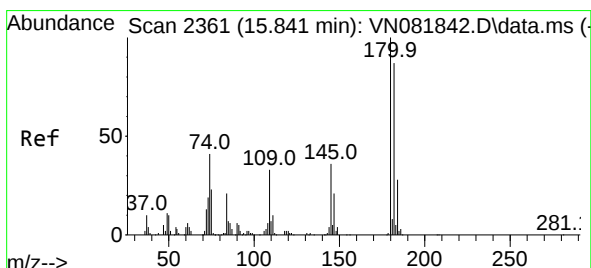
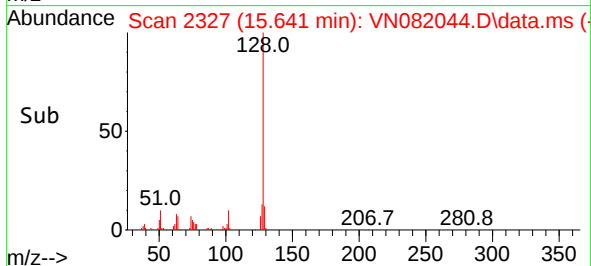
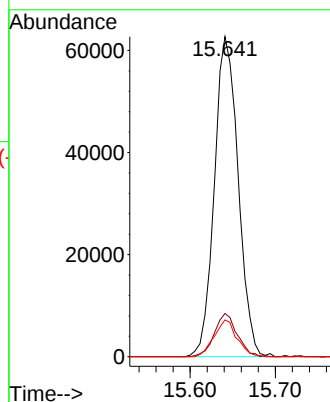
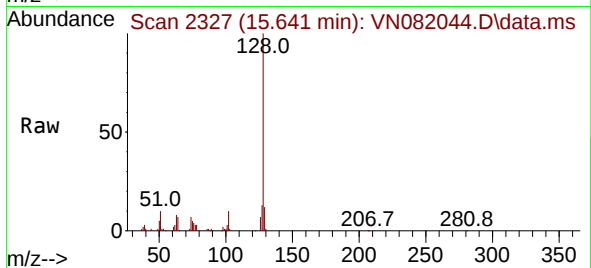
Tgt Ion:	128	Resp:	12183
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.520 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082044.D

Acq: 09 May 2024 12:34

Tgt Ion:	180	Resp:	31387
Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.0	137.8
145	35.2	17.1	51.3

