

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082026.D
 Acq On : 08 May 2024 10:46
 Operator : JC\MD
 Sample : VN0508WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

Quant Time: May 09 01:01:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	29999	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	167295	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	152392	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	76229	30.350	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.167%			
60) 4-Bromofluorobenzene	12.847	95	72876	28.735	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.800%			
63) Toluene-d8	10.565	98	215523	29.780	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.267%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29865	17.538	ug/l	99
3) Chloromethane	2.365	50	40756	20.637	ug/l	95
4) Vinyl Chloride	2.518	62	38267	20.512	ug/l	96
5) Bromomethane	2.965	94	18897	19.412	ug/l	96
6) Chloroethane	3.124	64	23747	22.479	ug/l	94
7) Trichlorofluoromethane	3.501	101	48357	17.714	ug/l	91
8) Diethyl Ether	3.965	74	28397	21.488	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	32173	17.191	ug/l	90
10) 1,1-Dichloroethene	4.348	96	32652	17.834	ug/l	95
11) Methyl Iodide	4.589	142	29573	17.674	ug/l	82
12) Methyl Acetate	5.024	43	57942	25.274	ug/l #	78
13) Acrolein	4.177	56	45219	92.806	ug/l	93
14) Acrylonitrile	5.718	53	117935	112.714	ug/l	98
15) Acetone	4.424	58	28638	122.143	ug/l	98
16) Carbon Disulfide	4.706	76	84125	16.585	ug/l #	95
17) Allyl chloride	5.024	41	66179	20.588	ug/l	77
18) Methylene Chloride	5.277	84	43822	21.036	ug/l #	88
19) trans-1,2-Dichloroethene	5.789	96	36164	18.976	ug/l	96
20) Diisopropyl ether	6.671	45	153969	21.649	ug/l	95
21) 1,1-Dichloroethane	6.565	63	78253	20.779	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	45543	19.610	ug/l	87
23) tert-Butyl Alcohol	5.506	59	44133m	102.400	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	139421m	21.122	ug/l	
25) Chloroform	7.965	83	76506	21.117	ug/l	94
26) Cyclohexane	8.253	56	60230	18.495	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	50013	20.081	ug/l	95
30) 2-Butanone	7.483	43	153184	119.317	ug/l #	92
31) 2,2-Dichloropropane	7.489	77	64384	25.225	ug/l #	84
32) 1,1,1-Trichloroethane	8.165	97	58505	20.424	ug/l #	67
33) Carbon Tetrachloride	8.359	117	45336	19.502	ug/l	93
34) Benzene	8.606	78	175065	22.033	ug/l	96
35) Methacrylonitrile	7.777	41	34612	21.310	ug/l	89
36) 1,2-Dichloroethane	8.671	62	59847	22.437	ug/l #	91
37) Trichloroethene	9.359	130	34854	17.909	ug/l	92
38) Methylcyclohexane	9.606	83	57596	19.143	ug/l	96
39) 1,2-Dichloropropane	9.624	63	47005	23.056	ug/l	93
40) Dibromomethane	9.706	93	28966	22.116	ug/l	84
41) Bromodichloromethane	9.888	83	59303	21.184	ug/l #	94
42) Vinyl Acetate	6.600	43	627857m	114.898	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082026.D
 Acq On : 08 May 2024 10:46
 Operator : JC\MD
 Sample : VN0508WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

Quant Time: May 09 01:01:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	63488	22.681	ug/l	97
44) Isopropyl Acetate	8.688	43	116452	23.433	ug/l #	87
45) 1,4-Dioxane	9.700	88	18600	466.707	ug/l #	94
46) Methyl methacrylate	9.677	41	51872	22.848	ug/l	80
47) n-amyl Acetate	12.494	43	97963m	21.856	ug/l	
48) t-1,3-Dichloropropene	10.841	75	67540	22.248	ug/l	92
49) cis-1,3-Dichloropropene	10.318	75	74221	23.124	ug/l	90
50) 1,1,2-Trichloroethane	11.018	97	42067	23.674	ug/l	92
51) Ethyl methacrylate	10.877	69	75118	22.399	ug/l	75
52) 1,3-Dichloropropane	11.165	76	75782	23.213	ug/l	100
53) Dibromochloromethane	11.365	129	40526	20.962	ug/l	97
54) 1,2-Dibromoethane	11.471	107	38391	21.664	ug/l	94
55) 2-Chloroethyl vinyl ether	10.159	63	241719	144.136	ug/l	96
56) Bromoform	12.582	173	23286	19.790	ug/l #	94
58) 4-Methyl-2-Pentanone	10.447	43	343654	116.139	ug/l #	85
59) 2-Hexanone	11.194	43	253327m	115.467	ug/l	
61) Tetrachloroethene	11.106	164	28270	16.718	ug/l #	90
62) Toluene	10.630	91	177841	20.741	ug/l	97
64) Chlorobenzene	11.894	112	109695	20.916	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	35174	20.491	ug/l	89
66) Ethyl Benzene	11.965	91	187660	19.967	ug/l	96
67) m/p-Xylenes	12.071	106	142329	40.844	ug/l	99
68) o-Xylene	12.400	106	69936	20.285	ug/l	98
69) Styrene	12.412	104	117371	20.280	ug/l	100
70) Isopropylbenzene	12.700	105	169475	19.355	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	60399	23.970	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	51693m	21.943	ug/l	
73) Bromobenzene	12.982	156	36342	19.389	ug/l	74
74) n-propylbenzene	13.035	91	208898	20.221	ug/l	98
75) 2-Chlorotoluene	13.129	91	128208	20.061	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	139308	19.655	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	23833	22.730	ug/l	94
78) 4-Chlorotoluene	13.223	91	124876	19.945	ug/l	100
79) tert-butylbenzene	13.441	119	115615	18.946	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	142388	20.001	ug/l	96
81) sec-Butylbenzene	13.618	105	169153	19.775	ug/l	99
82) p-Isopropyltoluene	13.729	119	134704	19.915	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	67810	20.092	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	65321	19.256	ug/l	96
85) n-Butylbenzene	14.059	91	123675	20.017	ug/l	97
86) Hexachloroethane	14.335	117	25570	18.959	ug/l	74
87) 1,2-Dichlorobenzene	14.106	146	64947	19.321	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11113	19.654	ug/l	89
89) 1,2,4-Trichlorobenzene	15.841	180	32833	17.739	ug/l	95
90) Hexachlorobutadiene	15.506	225	12398	18.086	ug/l	97
91) Naphthalene	15.641	128	137820	19.587	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	32833	17.739	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

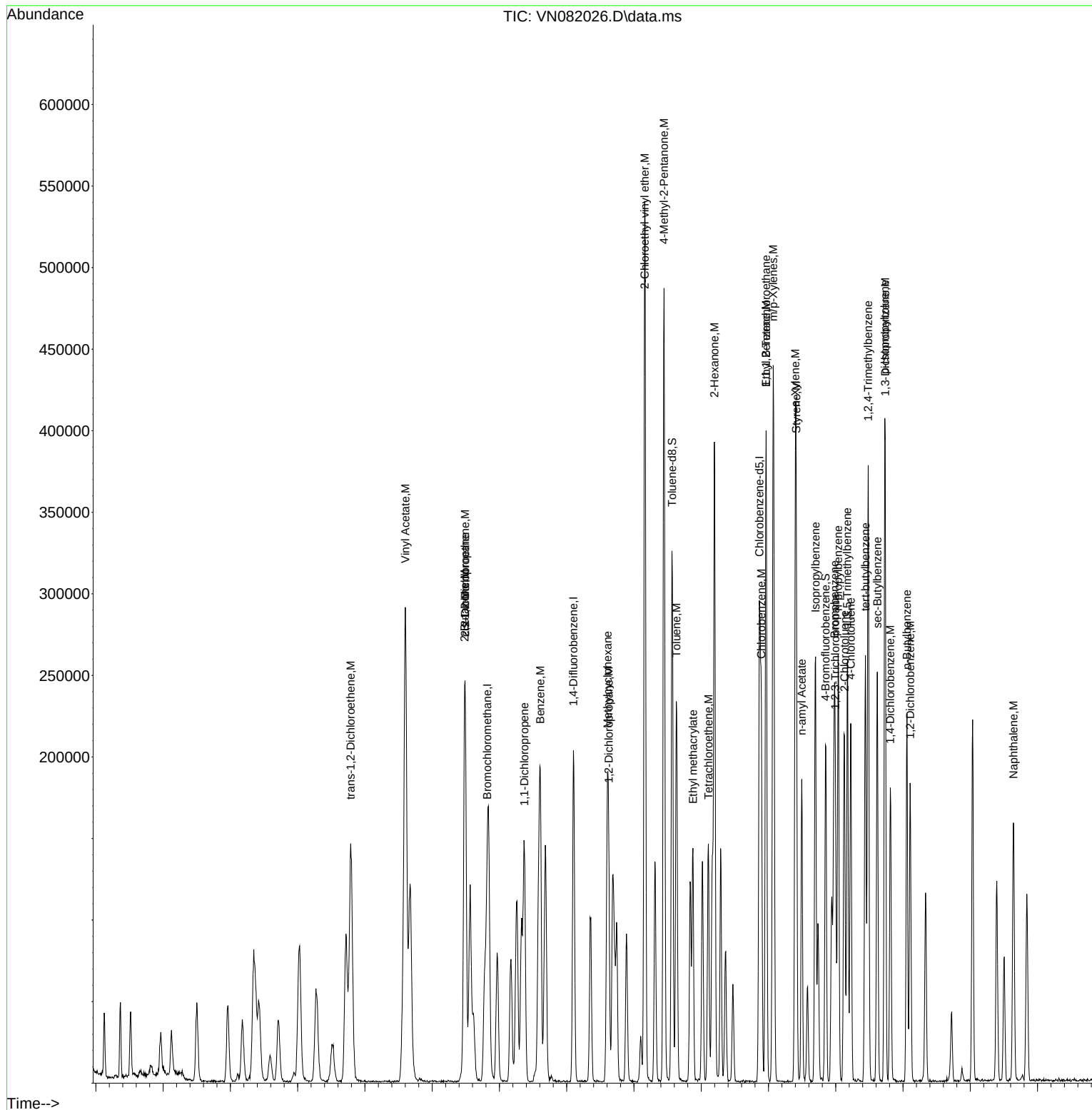
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
Data File : VN082026.D
Acq On : 08 May 2024 10:46
Operator : JC\MD
Sample : VN0508WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

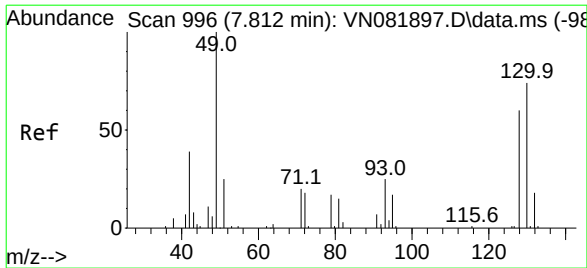
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024

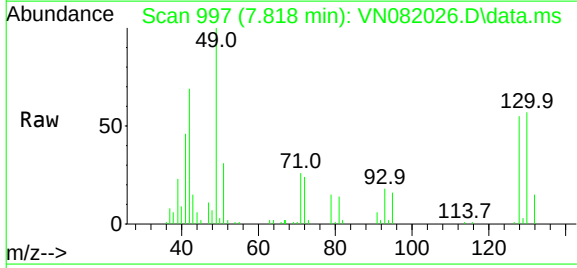
Quant Time: May 09 01:01:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

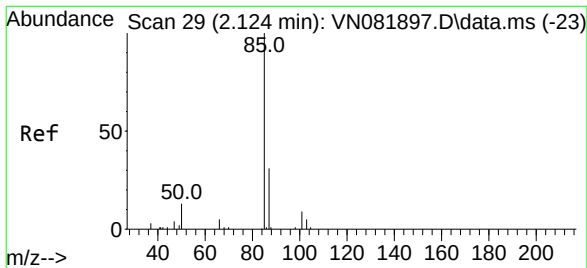
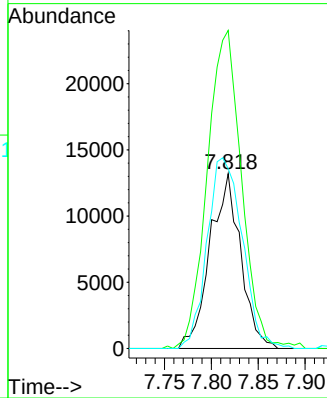
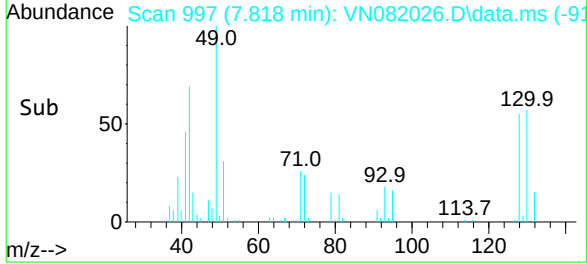
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion:128 Resp: 29999
Ion Ratio Lower Upper
128 100
49 201.4 0.0 403.7
130 125.5 0.0 323.3

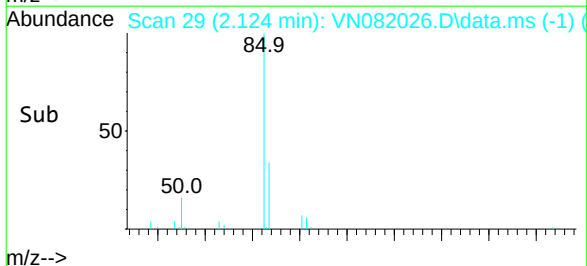
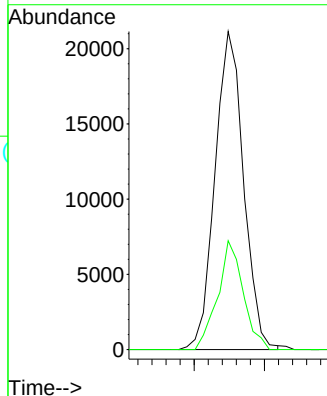
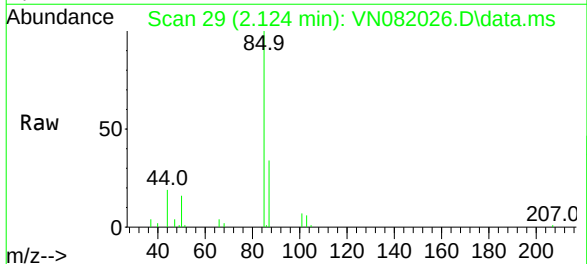
Manual Integrations
APPROVED

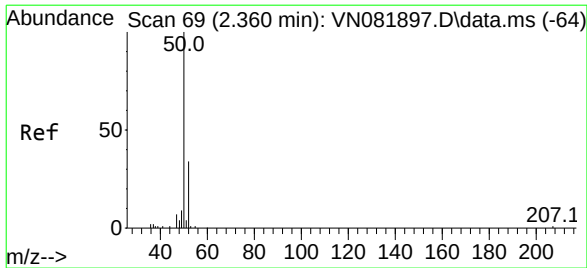
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 17.538 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

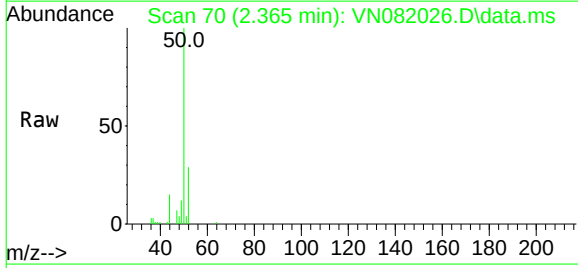
Tgt Ion: 85 Resp: 29865
Ion Ratio Lower Upper
85 100
87 34.2 16.8 50.3





#3
Chloromethane
Concen: 20.637 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

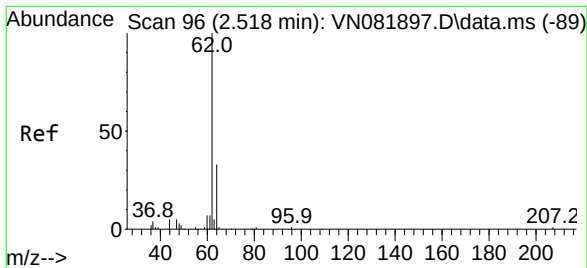
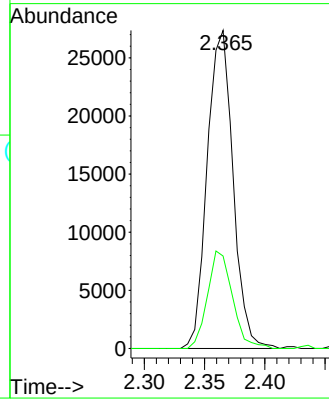
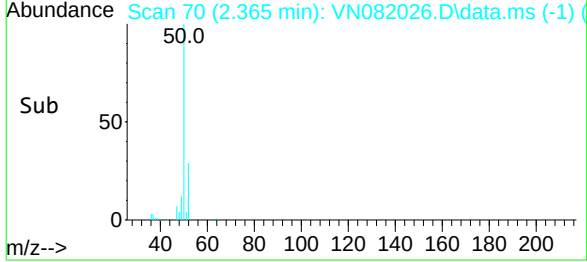
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 50 Resp: 40756
Ion Ratio Lower Upper
50 100
52 29.1 25.4 38.0

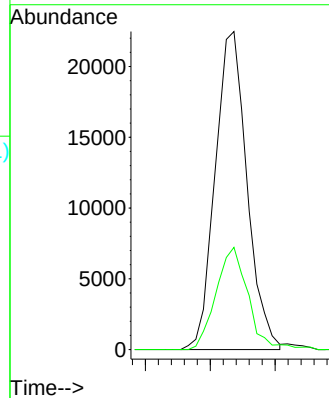
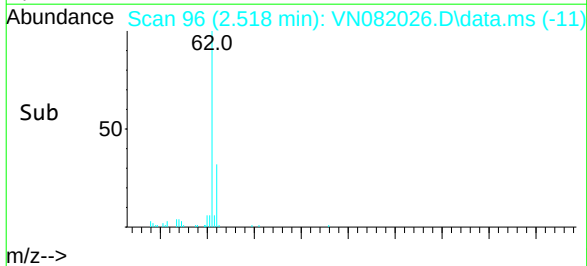
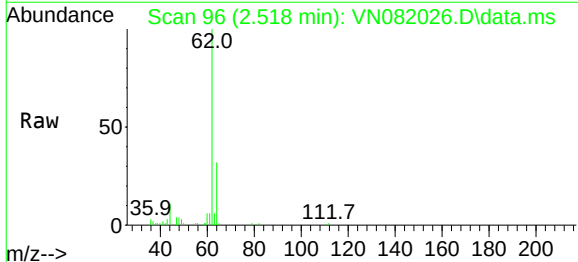
Manual Integrations
APPROVED

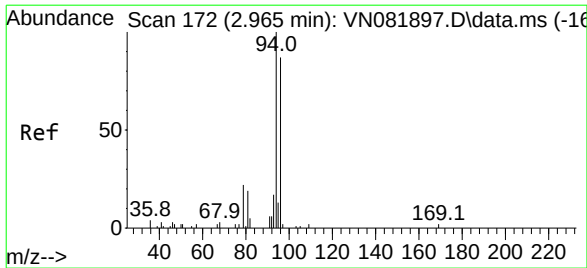
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#4
Vinyl Chloride
Concen: 20.512 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

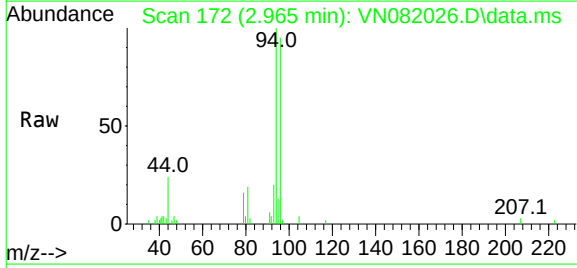
Tgt Ion: 62 Resp: 38267
Ion Ratio Lower Upper
62 100
64 32.1 24.1 36.1





#5
Bromomethane
Concen: 19.412 ug/l
RT: 2.965 min Scan# 17
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

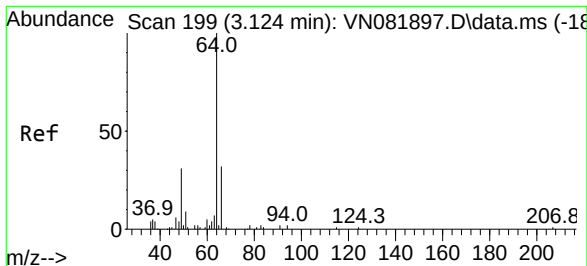
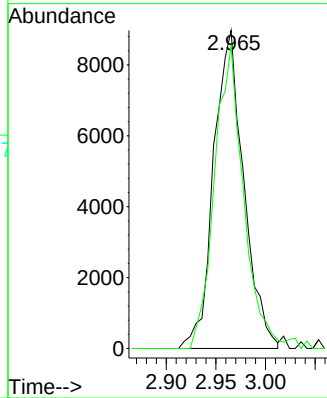
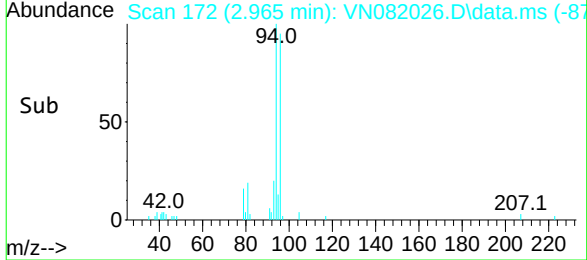
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 94 Resp: 18897
Ion Ratio Lower Upper
94 100
96 95.2 72.8 109.2

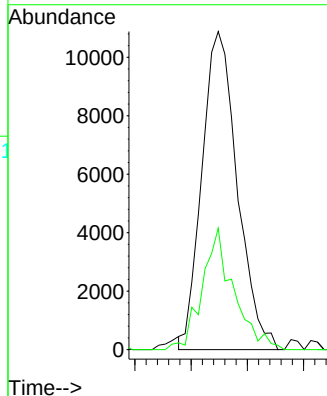
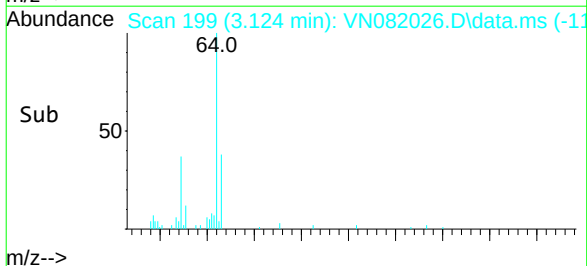
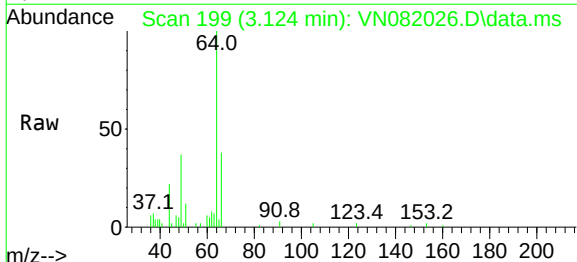
Manual Integrations
APPROVED

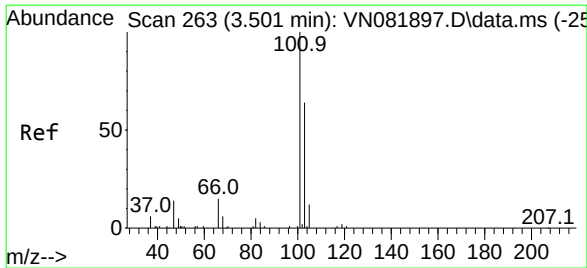
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#6
Chloroethane
Concen: 22.479 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion: 64 Resp: 23747
Ion Ratio Lower Upper
64 100
66 36.8 26.7 40.1





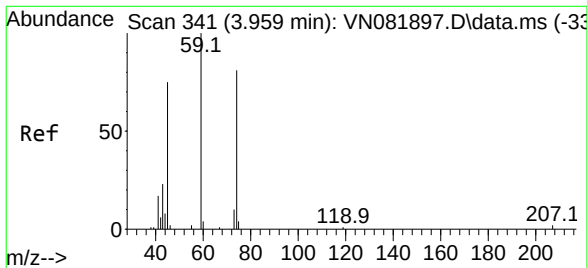
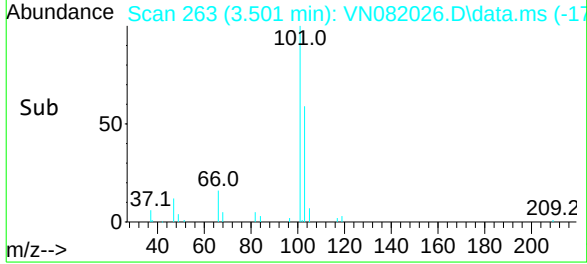
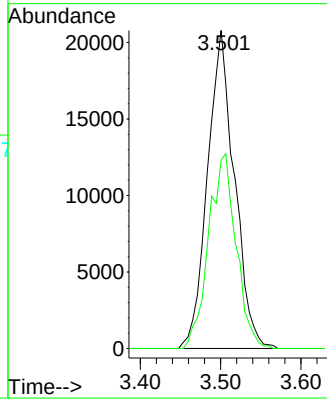
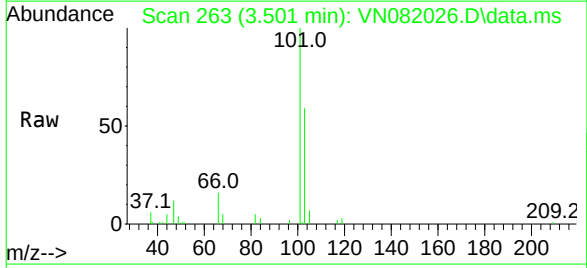
#7
 Trichlorofluoromethane
 Concen: 17.714 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN082026.D
 Acq: 08 May 2024 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

Tgt Ion: 101 Resp: 48357
 Ion Ratio Lower Upper
 101 100
 103 59.2 53.0 79.4

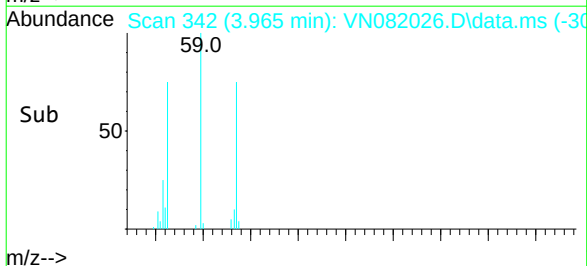
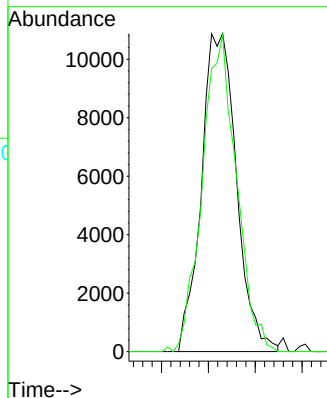
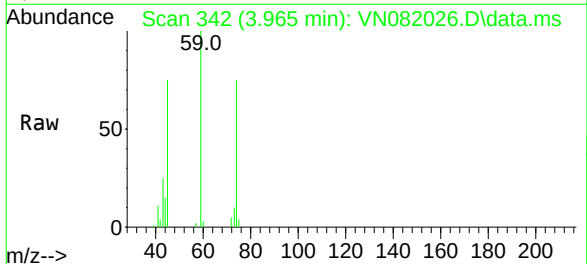
Manual Integrations
 APPROVED

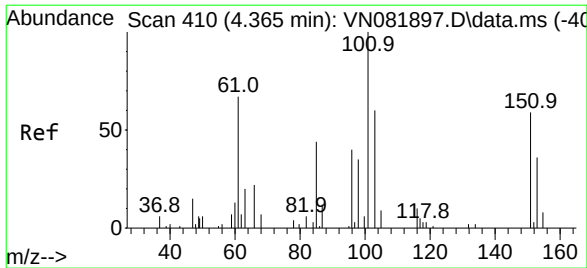
Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024



#8
 Diethyl Ether
 Concen: 21.488 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082026.D
 Acq: 08 May 2024 10:46

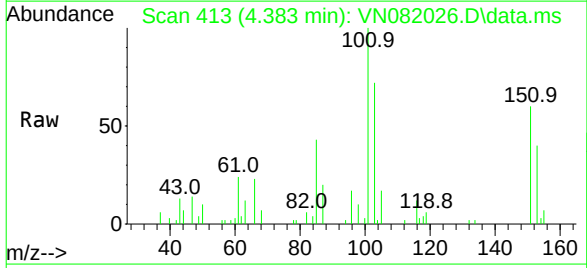
Tgt Ion: 74 Resp: 28397
 Ion Ratio Lower Upper
 74 100
 45 96.3 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.191 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

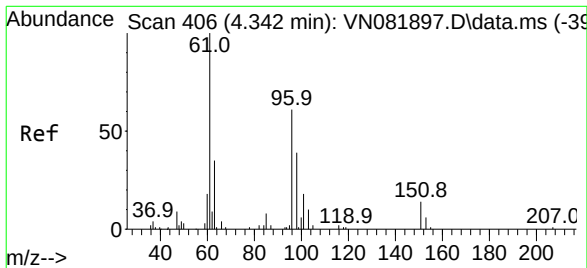
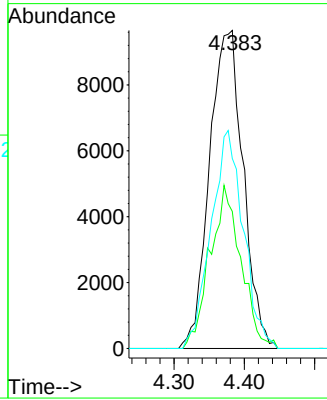
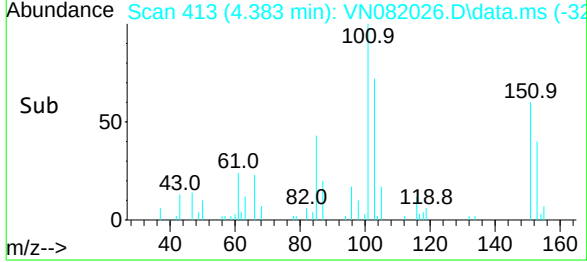
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



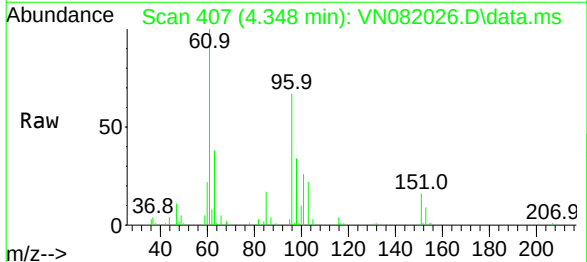
Tgt Ion: 101 Resp: 32173
Ion Ratio Lower Upper
101 100
85 46.9 0.0 90.6
151 65.9 0.0 157.6

Manual Integrations
APPROVED

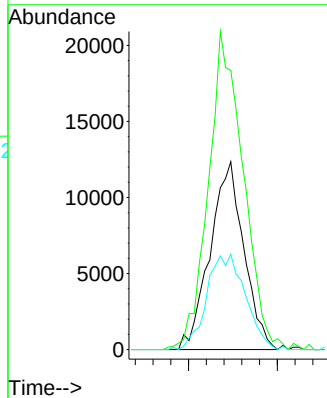
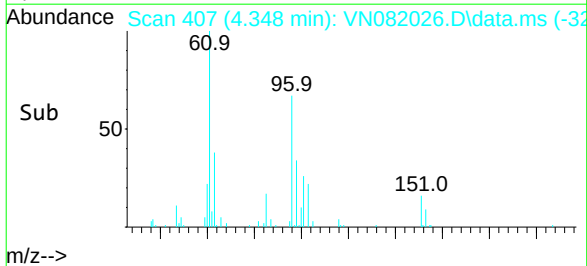
Reviewed By : John Carlone 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024

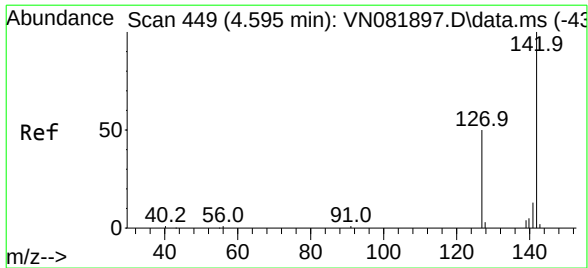


#10
1,1-Dichloroethene
Concen: 17.834 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46



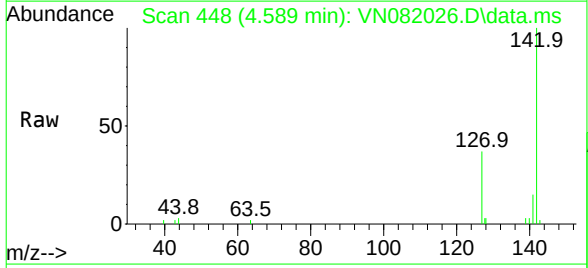
Tgt Ion: 96 Resp: 32652
Ion Ratio Lower Upper
96 100
61 145.2 117.6 176.4
98 50.8 48.4 72.6





#11
Methyl Iodide
Concen: 17.674 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

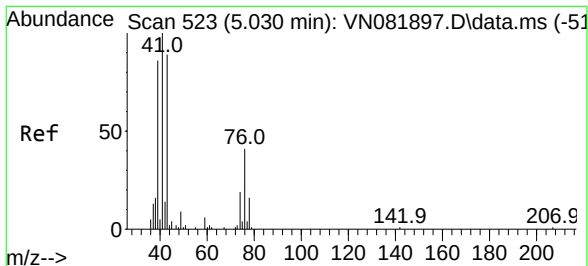
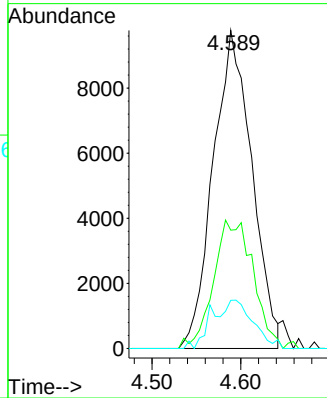
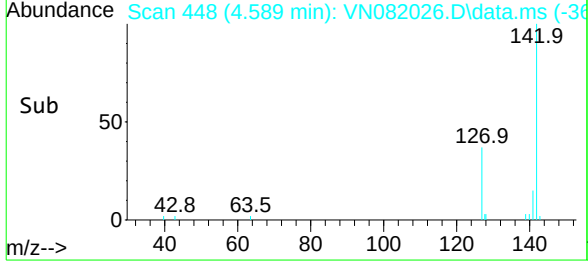
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



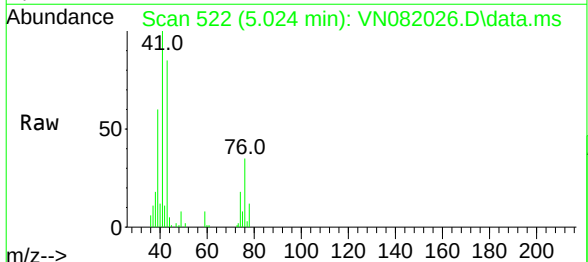
Tgt Ion: 142 Resp: 29573
Ion Ratio Lower Upper
142 100
127 37.2 26.3 78.9
141 14.3 8.3 24.9

Manual Integrations
APPROVED

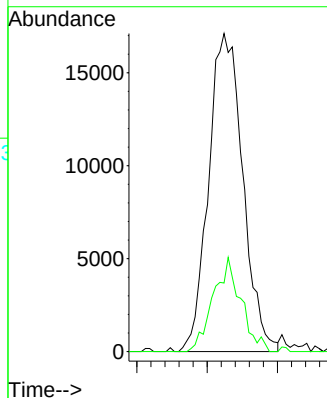
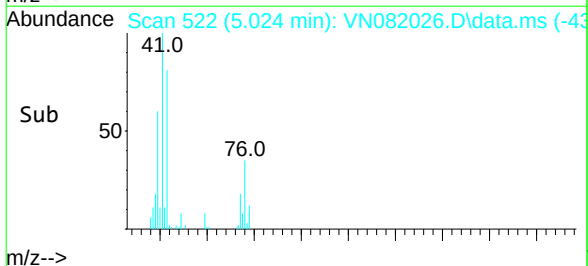
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

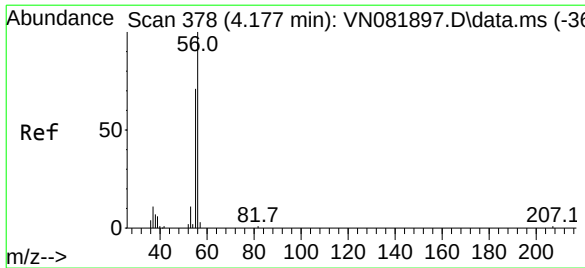


#12
Methyl Acetate
Concen: 25.274 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46



Tgt Ion: 43 Resp: 57942
Ion Ratio Lower Upper
43 100
74 21.9 27.7 41.5#





#13

Acrolein

Concen: 92.806 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 56 Resp: 45219

Ion Ratio Lower Upper

56 100

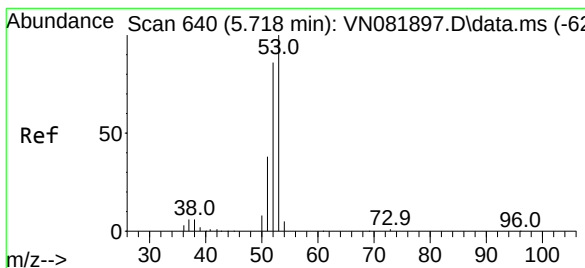
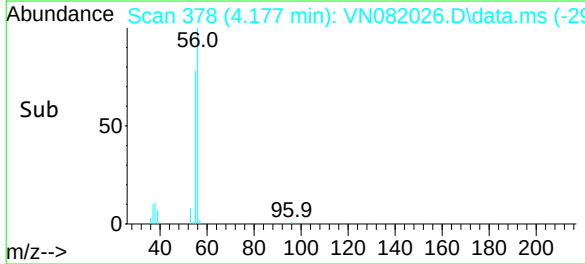
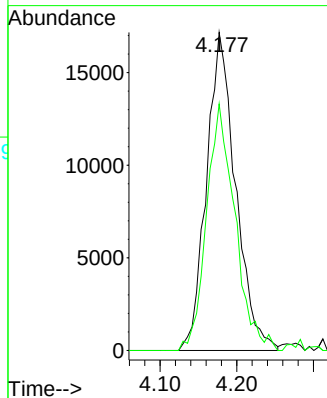
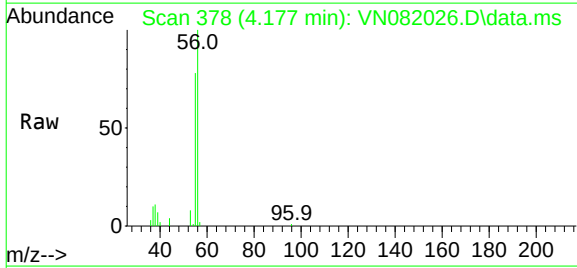
55 74.9 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#14

Acrylonitrile

Concen: 112.714 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

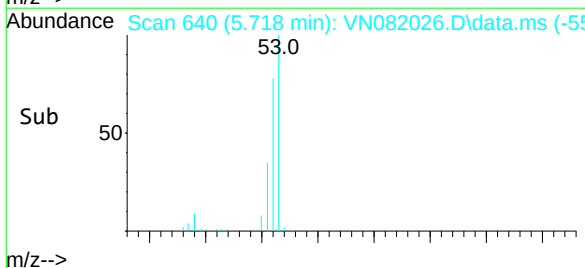
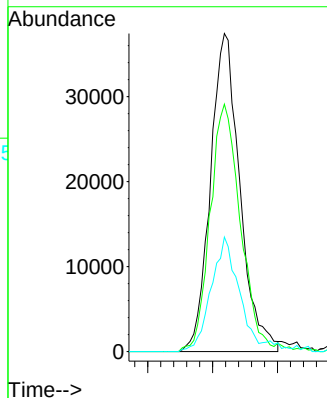
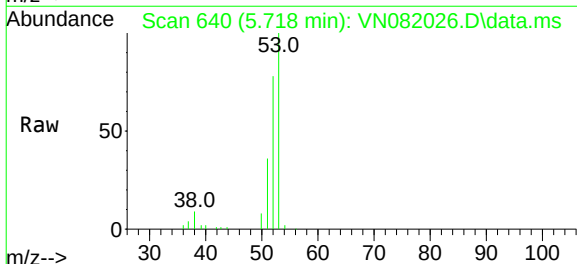
Tgt Ion: 53 Resp: 117935

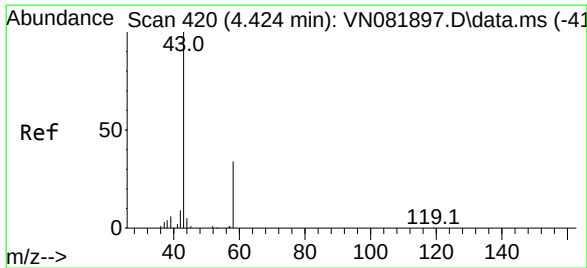
Ion Ratio Lower Upper

53 100

52 79.6 41.3 123.9

51 33.5 16.8 50.3





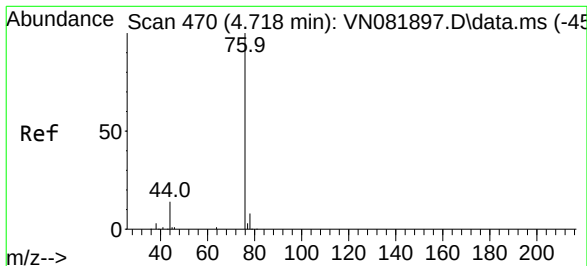
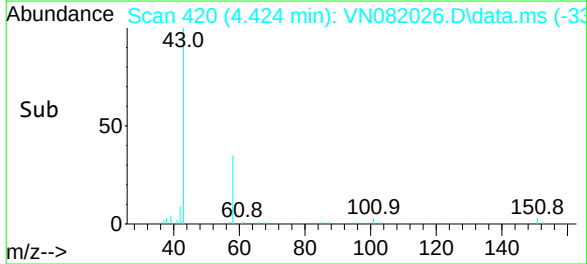
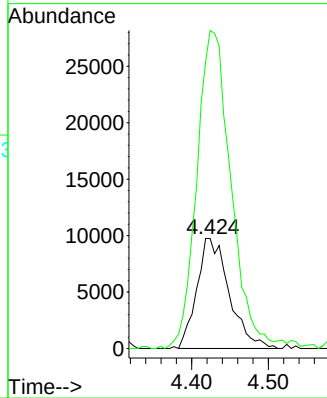
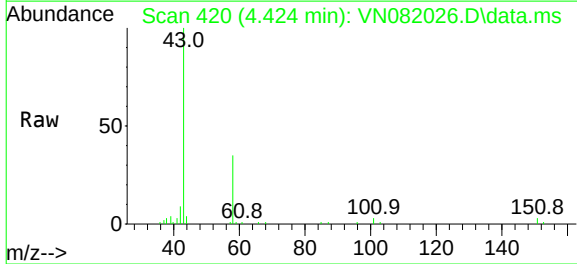
#15
Acetone
Concen: 122.143 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 58 Resp: 28638
Ion Ratio Lower Upper
58 100
43 282.2 223.1 334.7

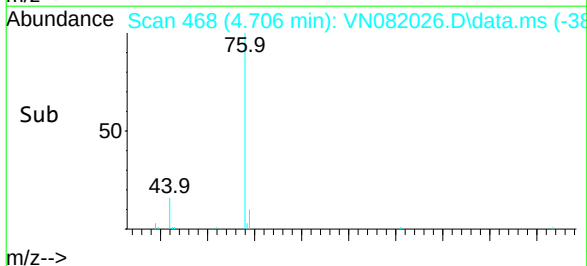
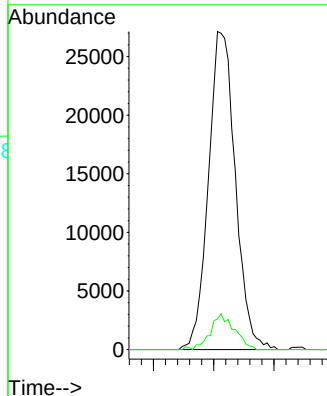
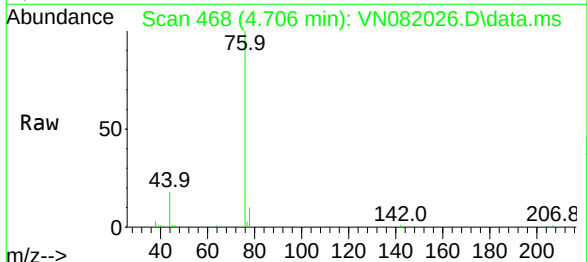
Manual Integrations
APPROVED

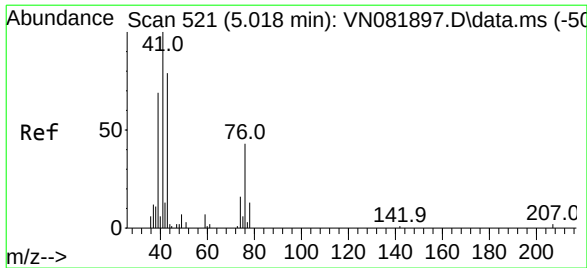
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#16
Carbon Disulfide
Concen: 16.585 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.012 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

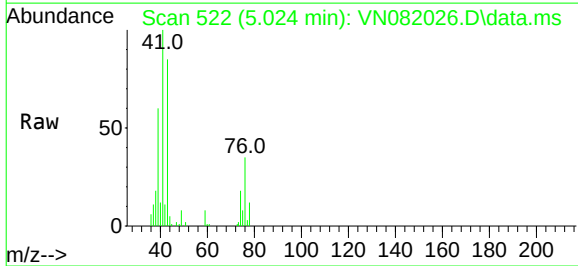
Tgt Ion: 76 Resp: 84125
Ion Ratio Lower Upper
76 100
78 9.6 6.3 9.5#





#17
 Allyl chloride
 Concen: 20.588 ug/l
 RT: 5.024 min Scan# 521
 Delta R.T. 0.006 min
 Lab File: VN082026.D
 Acq: 08 May 2024 10:46

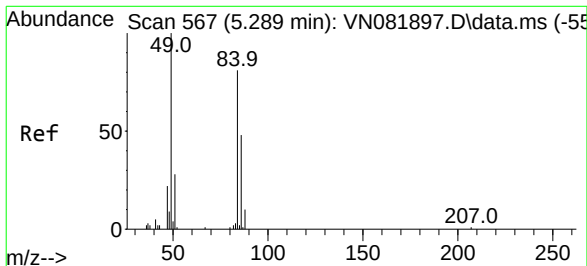
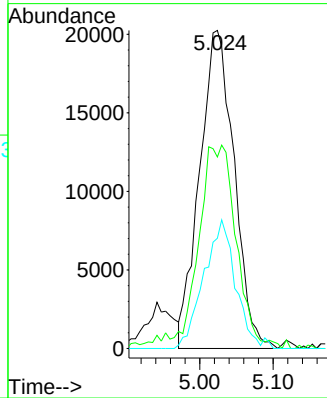
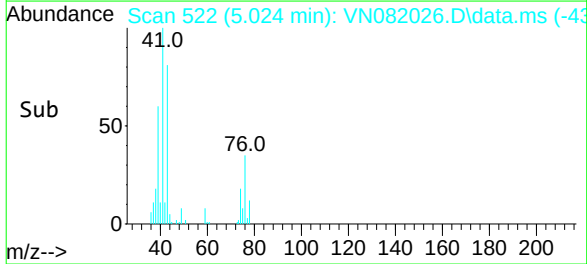
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01



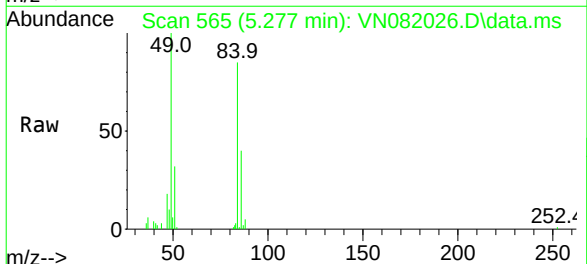
Tgt Ion: 41 Resp: 66179
 Ion Ratio Lower Upper
 41 100
 39 58.7 37.6 112.9
 76 34.7 27.8 83.4

Manual Integrations
 APPROVED

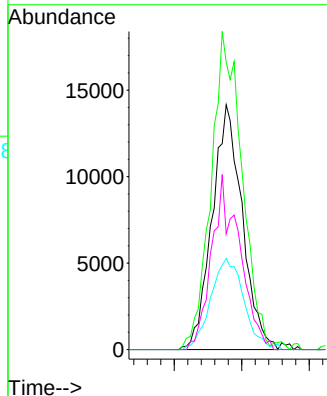
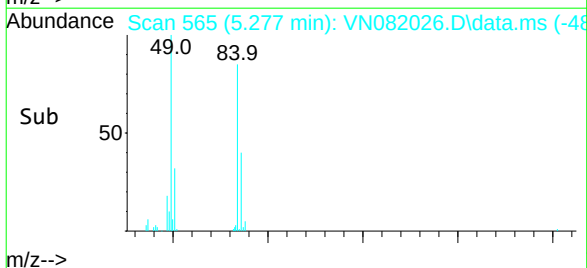
Reviewed By :John Carlone 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

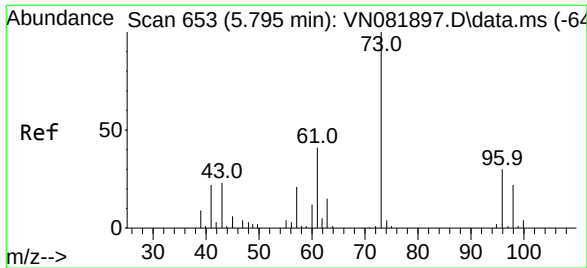


#18
 Methylene Chloride
 Concen: 21.036 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VN082026.D
 Acq: 08 May 2024 10:46



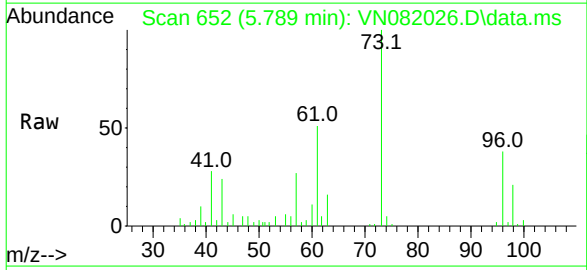
Tgt Ion: 84 Resp: 43822
 Ion Ratio Lower Upper
 84 100
 49 117.4 86.0 129.0
 51 37.2 30.0 45.0
 86 47.2 53.0 79.4#





#19
trans-1,2-Dichloroethene
Concen: 18.976 ug/l
RT: 5.789 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

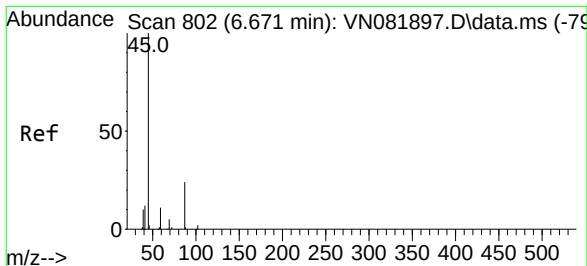
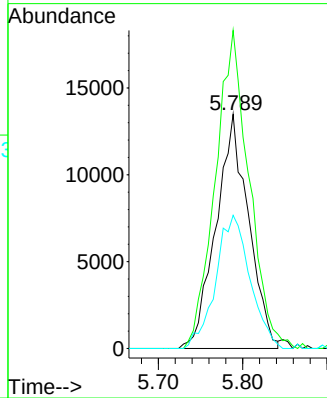
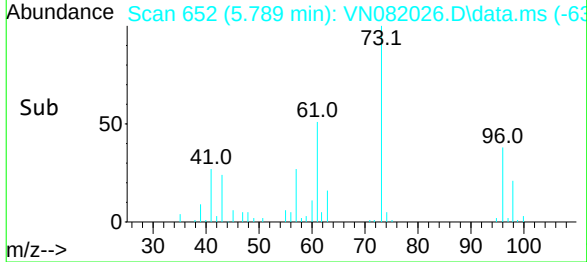
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



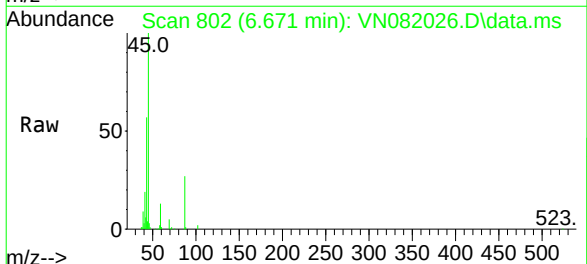
Tgt Ion: 96 Resp: 36164
Ion Ratio Lower Upper
96 100
61 135.8 111.8 167.6
98 56.9 49.2 73.8

Manual Integrations
APPROVED

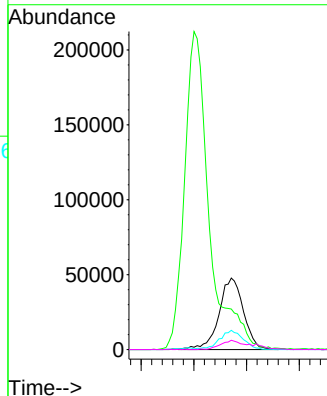
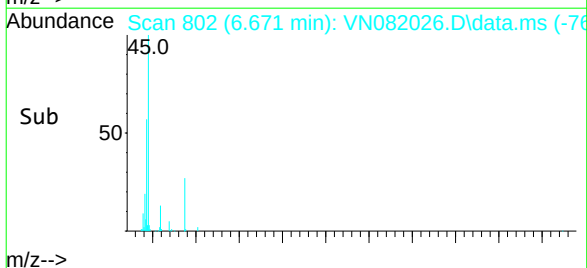
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

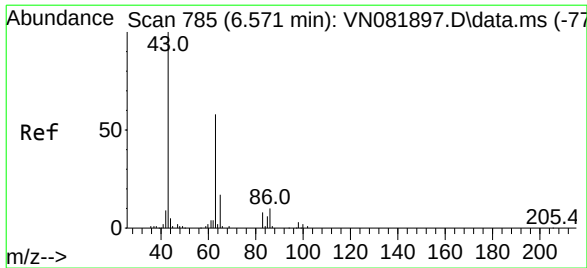


#20
Diisopropyl ether
Concen: 21.649 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46



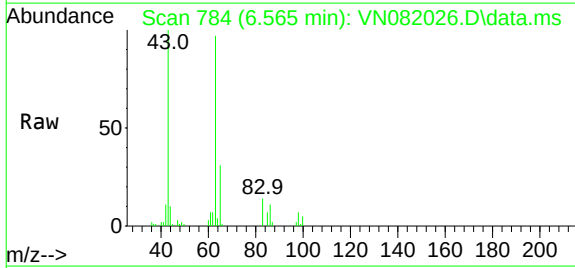
Tgt Ion: 45 Resp: 153969
Ion Ratio Lower Upper
45 100
43 54.7 40.4 60.6
87 26.9 23.8 35.8
59 12.7 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.779 ug/l
RT: 6.565 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

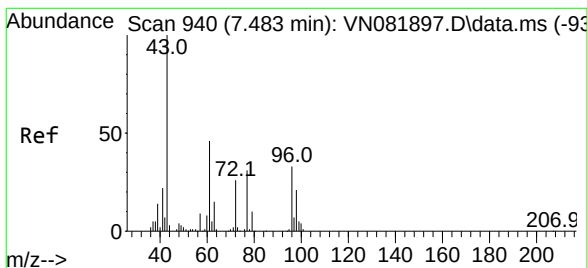
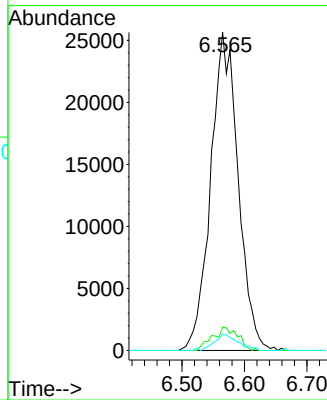
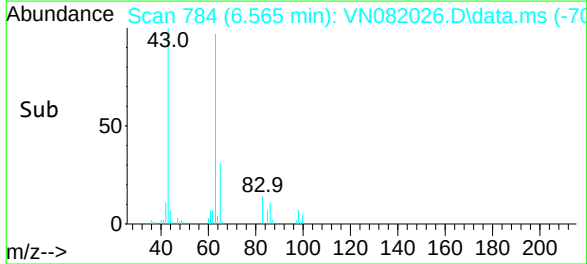
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion	63	Resp	78253
Ion Ratio	100		
98	7.3	4.1	12.3
100	5.1	3.0	9.0

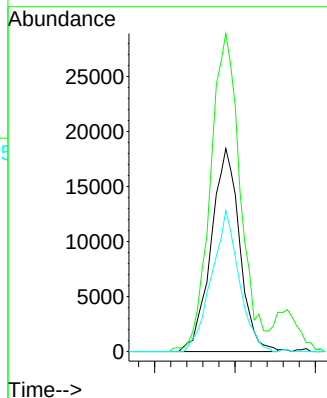
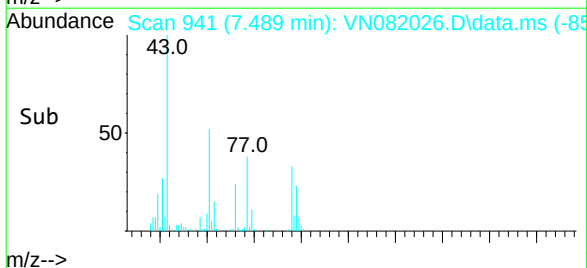
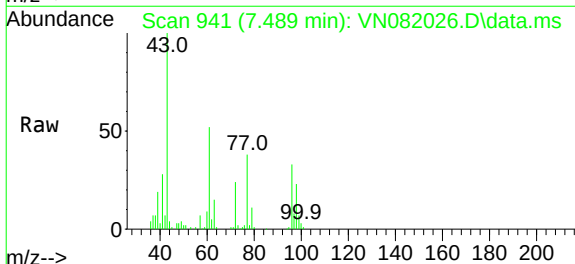
Manual Integrations
APPROVED

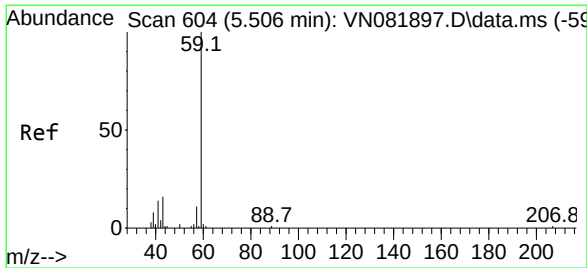
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#22
cis-1,2-Dichloroethene
Concen: 19.610 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion	96	Resp	45543
Ion Ratio	100		
61	164.0	113.5	170.3
98	66.8	52.0	78.0





#23

tert-Butyl Alcohol

Concen: 102.400 ug/l m

RT: 5.506 min Scan# 604

Delta R.T. -0.000 min

Lab File: VN082026.D

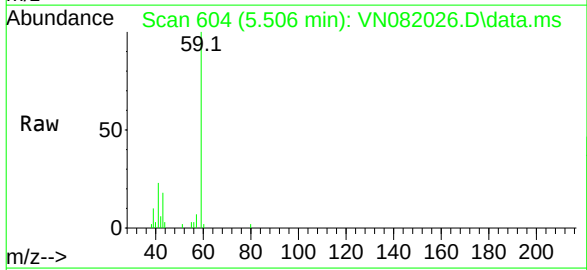
Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01



Tgt Ion: 59 Resp: 44133

Ion Ratio Lower Upper

59 100

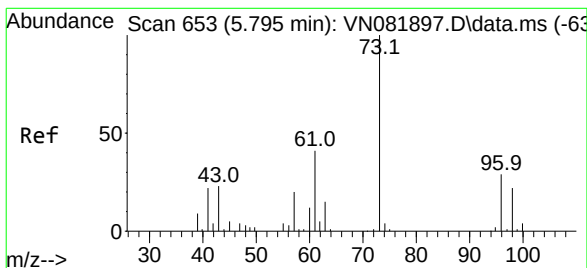
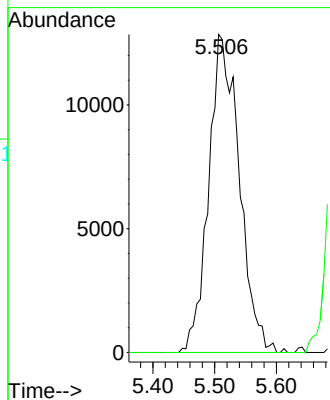
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#24

Methyl tert-Butyl Ether

Concen: 21.122 ug/l m

RT: 5.800 min Scan# 654

Delta R.T. 0.006 min

Lab File: VN082026.D

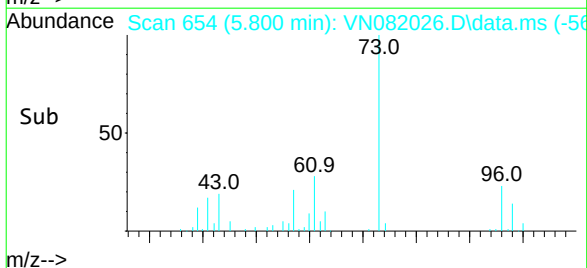
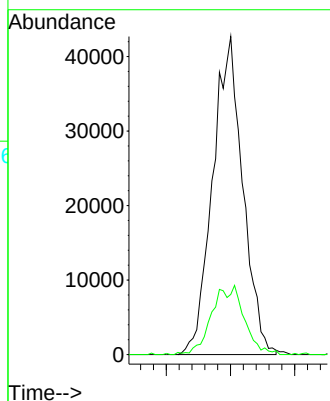
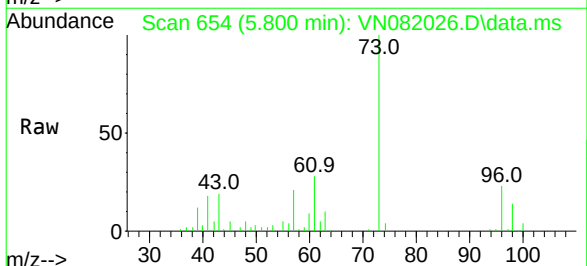
Acq: 08 May 2024 10:46

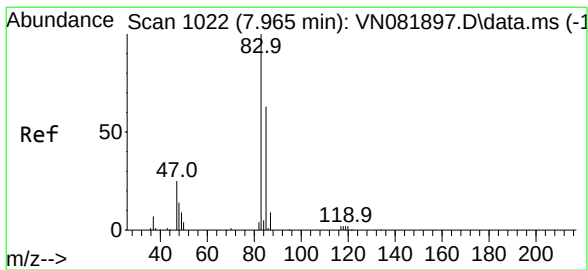
Tgt Ion: 73 Resp: 139421

Ion Ratio Lower Upper

73 100

43 10.6 13.4 20.2#





#25

Chloroform

Concen: 21.117 ug/l

RT: 7.965 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 83 Resp: 76506

Ion Ratio Lower Upper

83 100

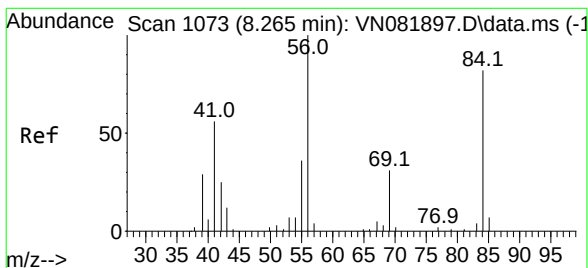
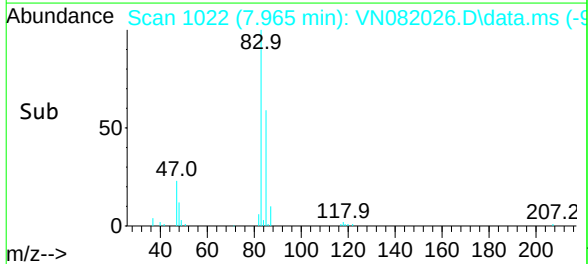
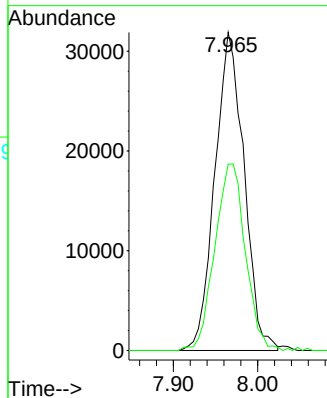
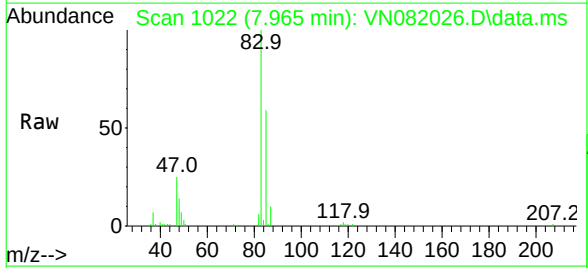
85 58.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#26

Cyclohexane

Concen: 18.495 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.012 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

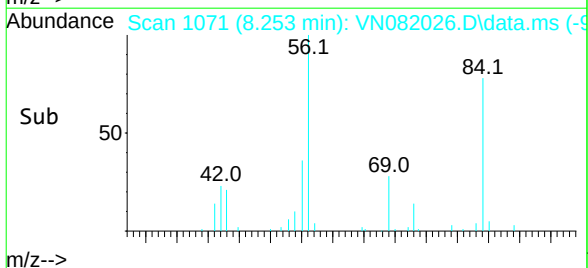
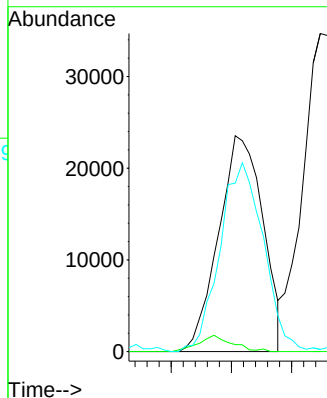
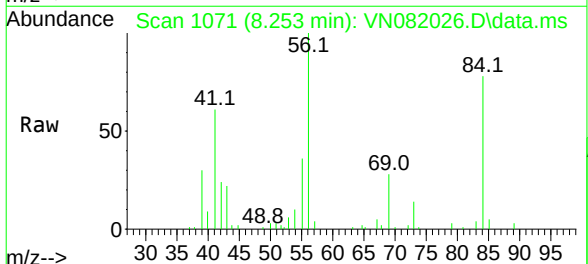
Tgt Ion: 56 Resp: 60230

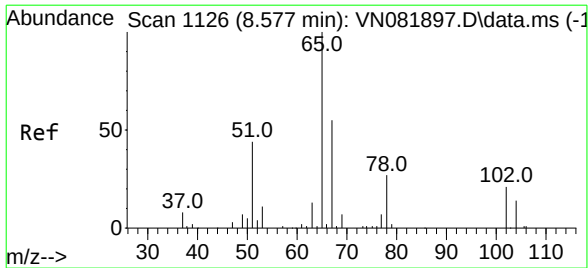
Ion Ratio Lower Upper

56 100

89 5.6 19.3 28.9#

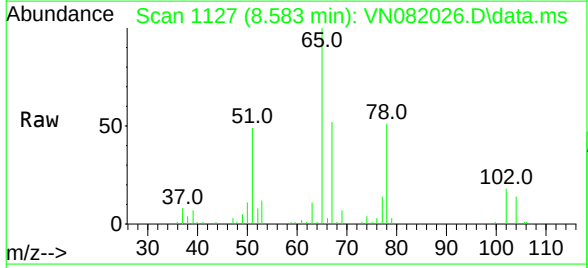
84 85.9 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.350 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

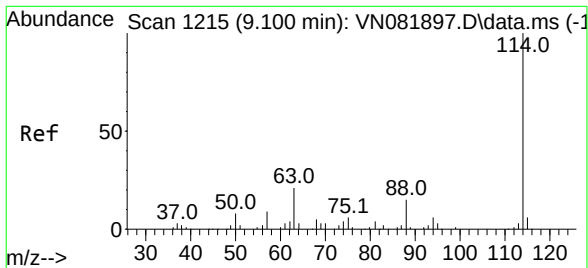
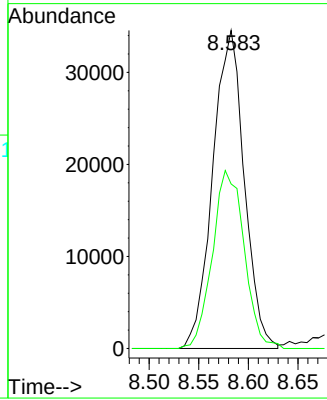
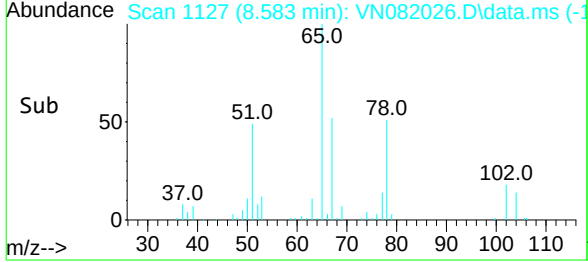
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 65 Resp: 76229
Ion Ratio Lower Upper
65 100
67 56.2 43.2 64.8

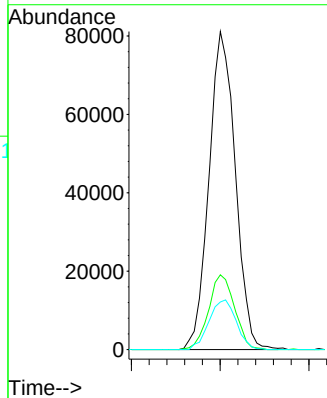
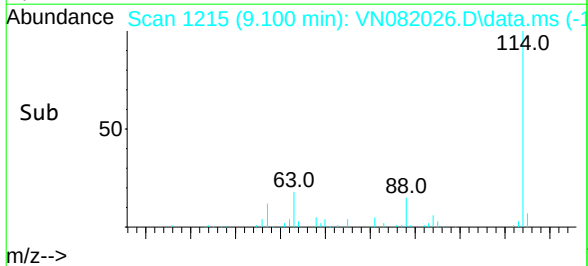
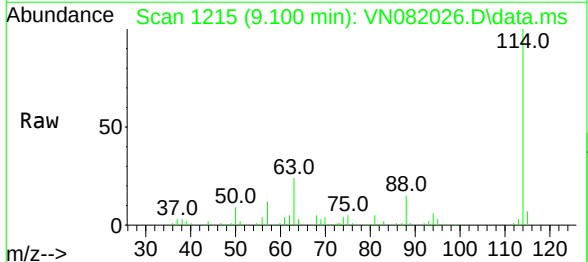
Manual Integrations
APPROVED

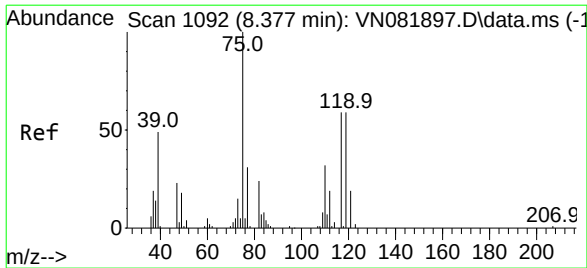
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion:114 Resp: 167295
Ion Ratio Lower Upper
114 100
63 23.2 15.9 23.9
88 16.2 12.7 19.1





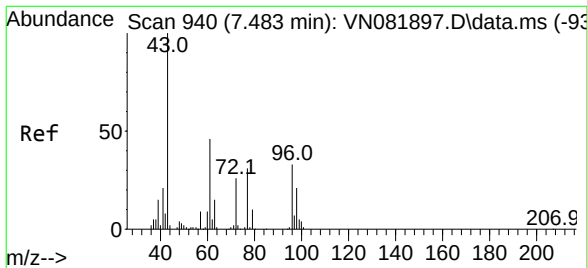
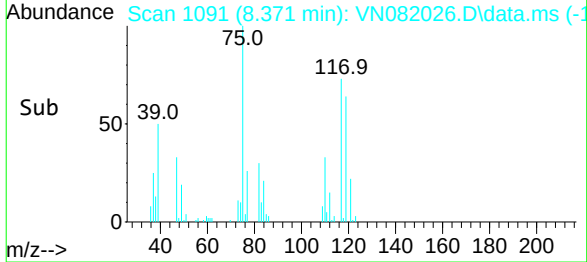
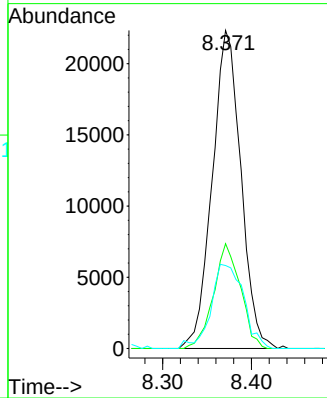
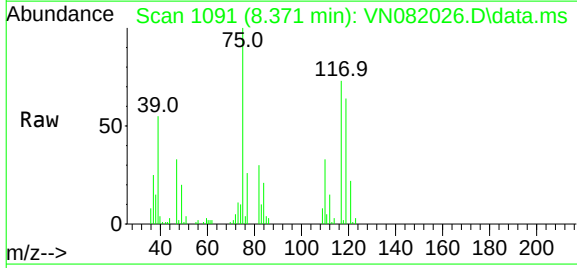
#29
1,1-Dichloropropene
Concen: 20.081 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 75	Resp: 50013
Ion Ratio	Lower Upper
75 100	
110 31.0	0.0 70.2
77 29.2	0.0 61.4

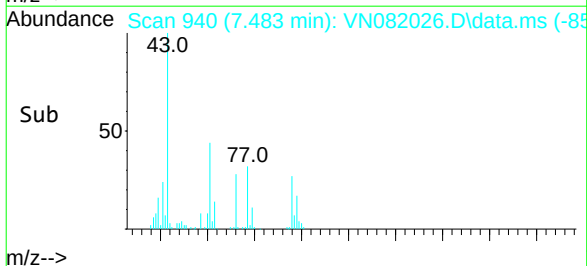
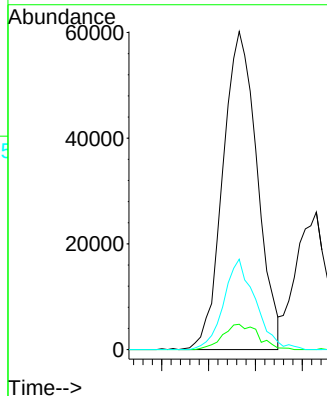
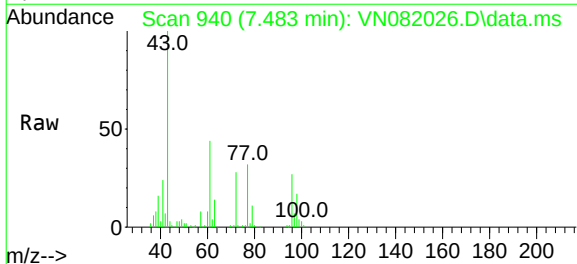
Manual Integrations
APPROVED

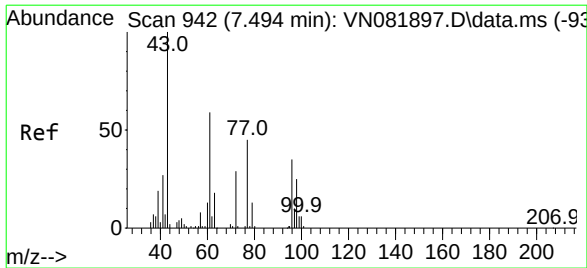
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#30
2-Butanone
Concen: 119.317 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

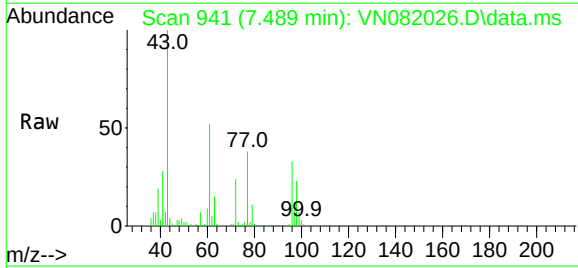
Tgt Ion: 43	Resp: 153184
Ion Ratio	Lower Upper
43 100	
57 5.3	6.7 10.1
72 25.9	24.0 36.0





#31
2,2-Dichloropropane
Concen: 25.225 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

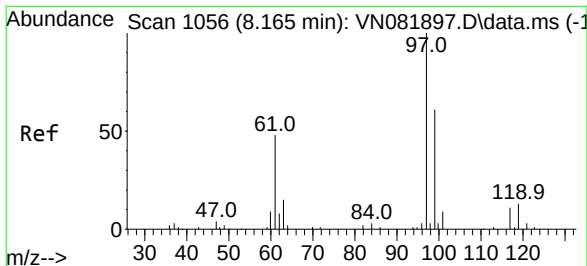
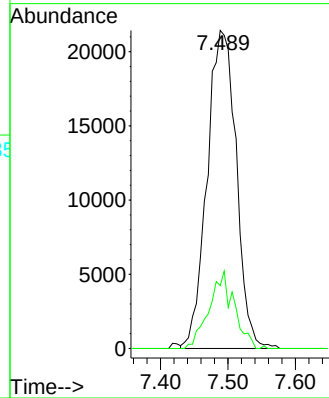
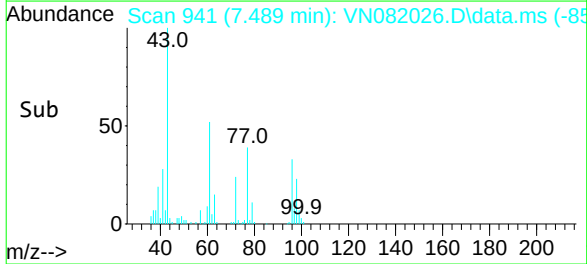
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



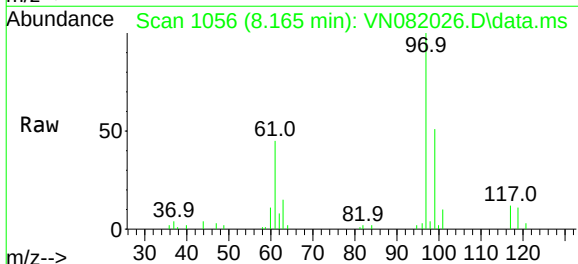
Tgt Ion: 77 Resp: 64384
Ion Ratio Lower Upper
77 100
97 15.1 18.3 27.5#

Manual Integrations
APPROVED

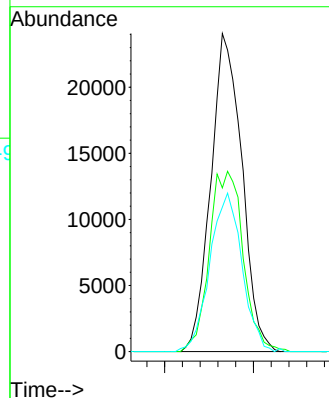
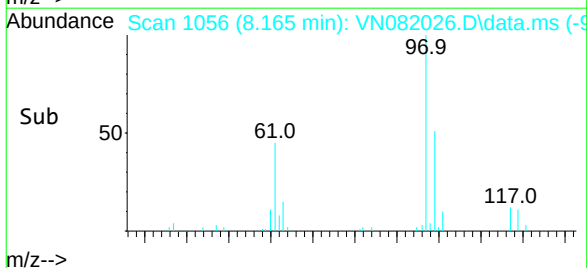
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

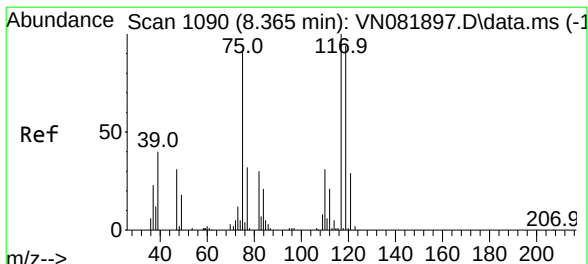


#32
1,1,1-Trichloroethane
Concen: 20.424 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46



Tgt Ion: 97 Resp: 58505
Ion Ratio Lower Upper
97 100
99 28.3 51.0 76.4#
61 51.5 33.8 50.8#





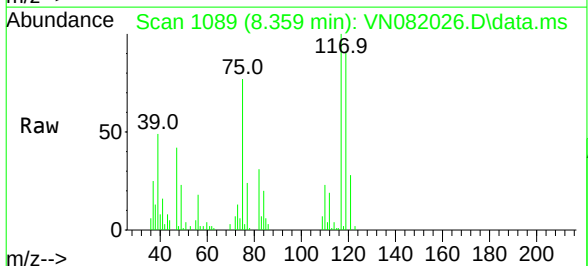
#33
Carbon Tetrachloride
Concen: 19.502 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

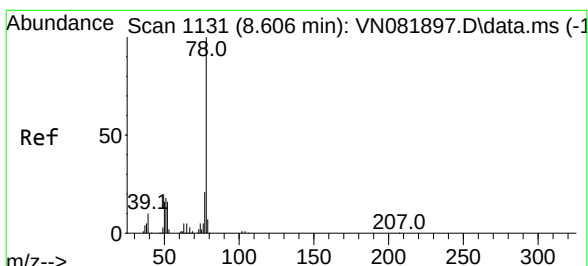
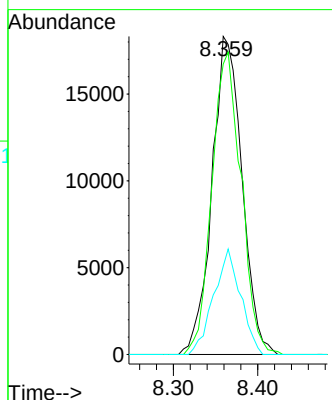
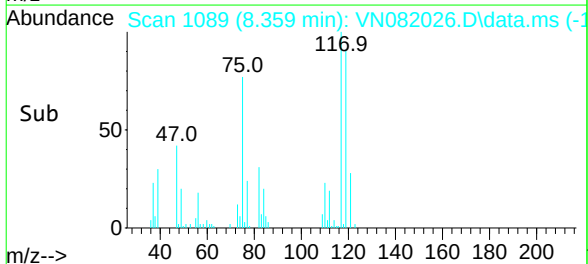
VN0508WBSD01



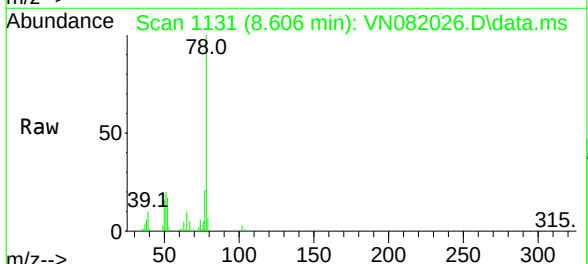
Tgt Ion:	117	Resp:	45336
Ion	Ratio	Lower	Upper
117	100		
119	91.3	77.7	116.5
121	27.7	27.0	40.6

Manual Integrations
APPROVED

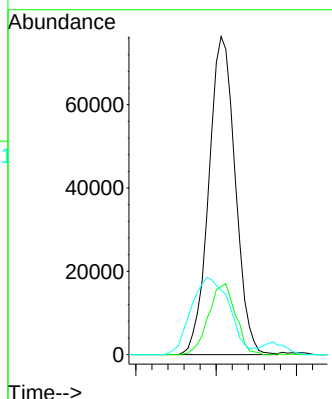
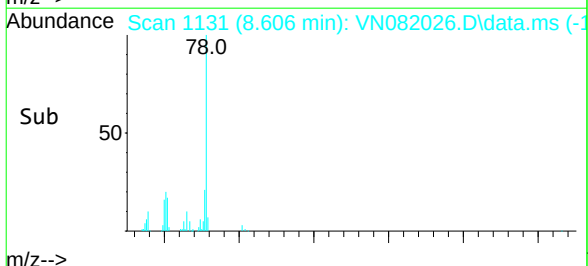
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

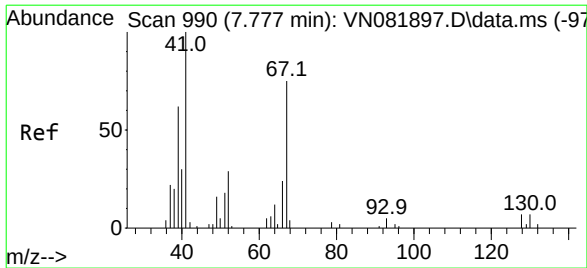


#34
Benzene
Concen: 22.033 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46



Tgt Ion:	78	Resp:	175065
Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.2	28.8
51	17.4	13.3	19.9





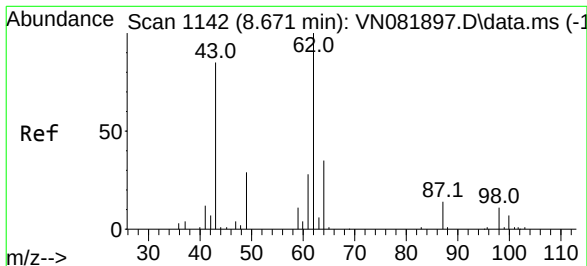
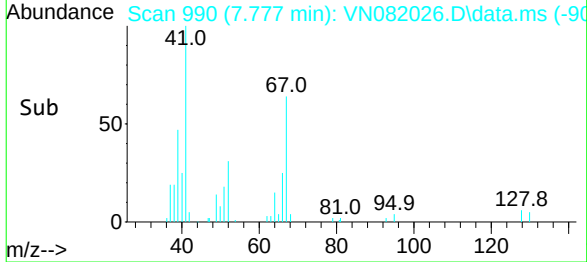
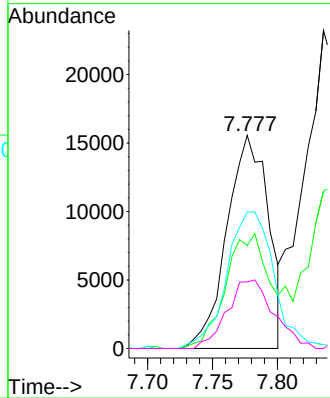
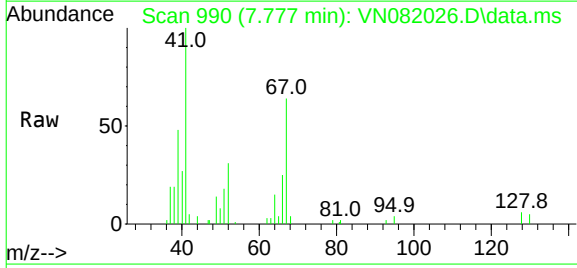
#35
Methacrylonitrile
Concen: 21.310 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:	41	Resp:	34612
Ion	Ratio	Lower	Upper
41	100		
39	47.0	25.3	75.9
67	64.1	38.7	116.1
52	31.3	13.6	40.8

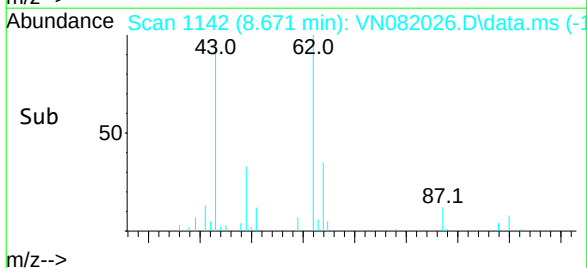
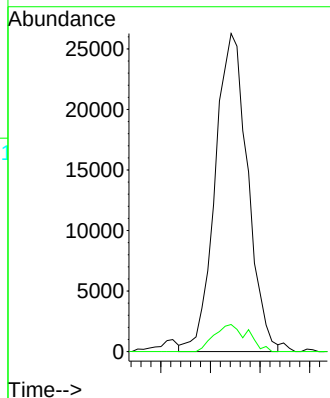
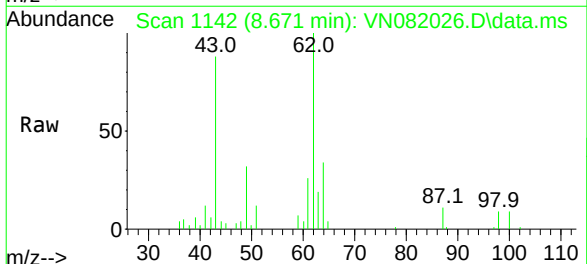
Manual Integrations
APPROVED

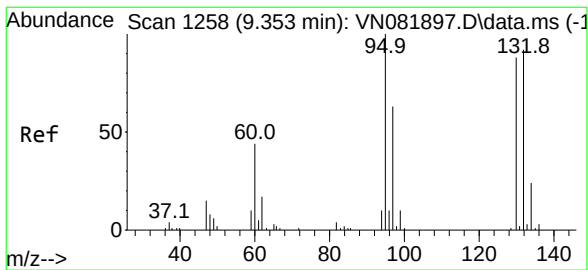
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#36
1,2-Dichloroethane
Concen: 22.437 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

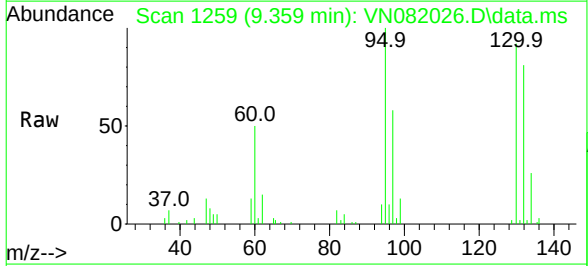
Tgt Ion:	62	Resp:	59847
Ion	Ratio	Lower	Upper
62	100		
98	6.8	8.2	12.4





#37
 Trichloroethene
 Concen: 17.909 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. 0.006 min
 Lab File: VN082026.D
 Acq: 08 May 2024 10:46

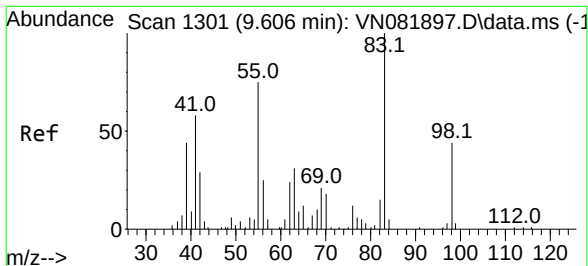
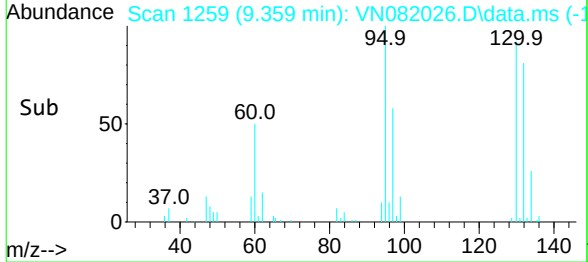
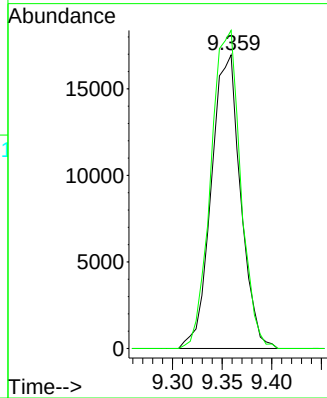
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01



Tgt Ion:130 Resp: 34854
 Ion Ratio Lower Upper
 130 100
 95 108.3 80.2 120.4

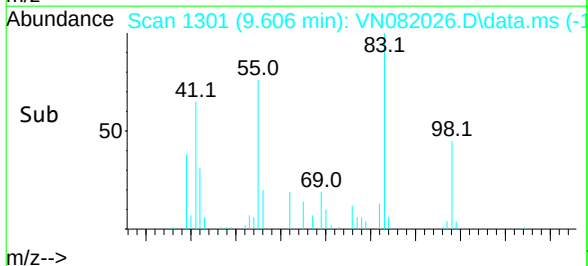
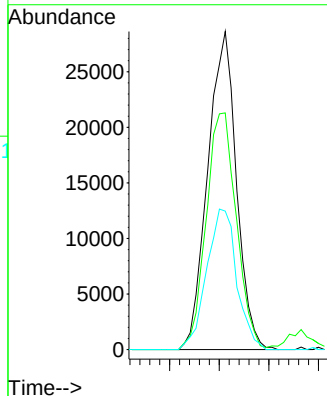
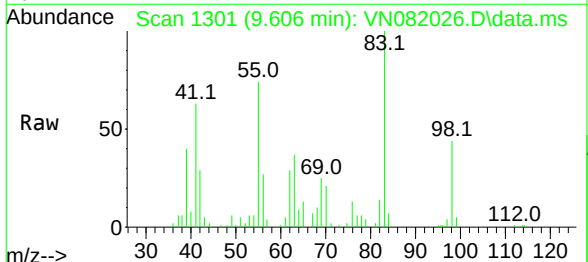
Manual Integrations
 APPROVED

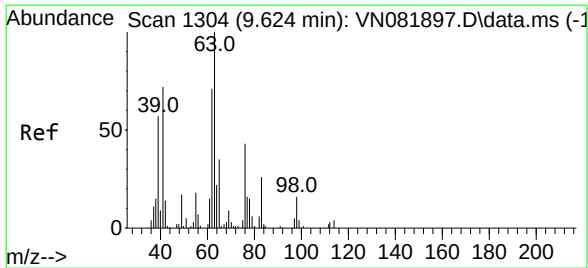
Reviewed By :John Carlone 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#38
 Methylcyclohexane
 Concen: 19.143 ug/l
 RT: 9.606 min Scan# 1301
 Delta R.T. -0.000 min
 Lab File: VN082026.D
 Acq: 08 May 2024 10:46

Tgt Ion: 83 Resp: 57596
 Ion Ratio Lower Upper
 83 100
 55 78.3 36.6 109.9
 98 46.3 23.8 71.5





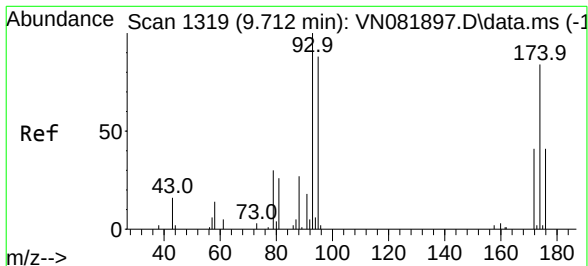
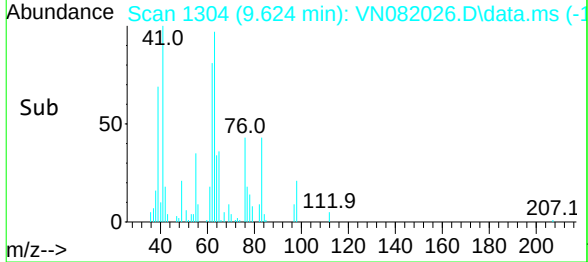
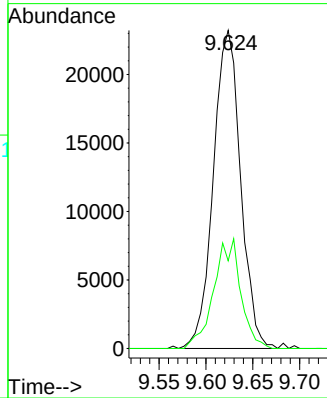
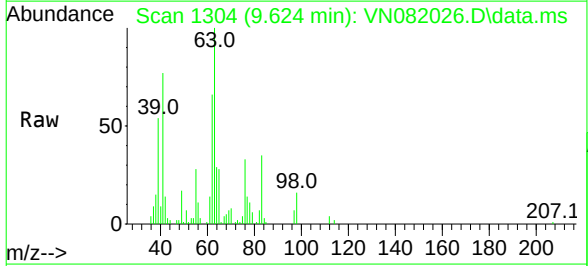
#39
1,2-Dichloropropane
Concen: 23.056 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 63 Resp: 47005
Ion Ratio Lower Upper
63 100
65 27.6 25.0 37.4

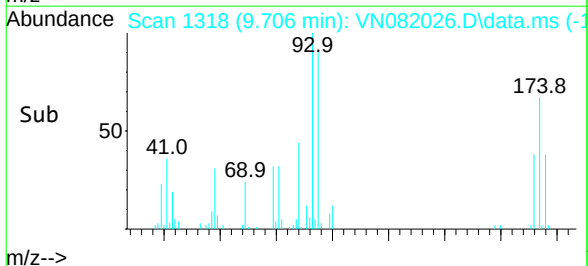
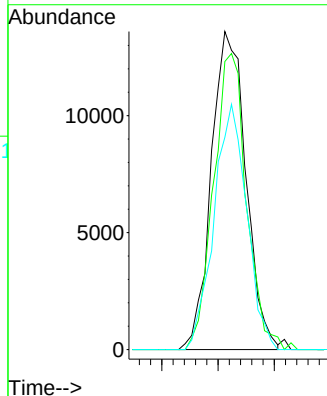
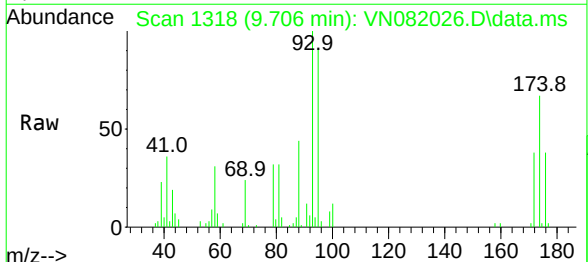
Manual Integrations
APPROVED

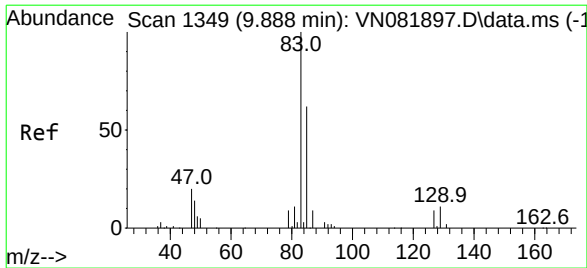
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#40
Dibromomethane
Concen: 22.116 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion: 93 Resp: 28966
Ion Ratio Lower Upper
93 100
95 88.0 0.0 164.6
174 73.3 0.0 193.2





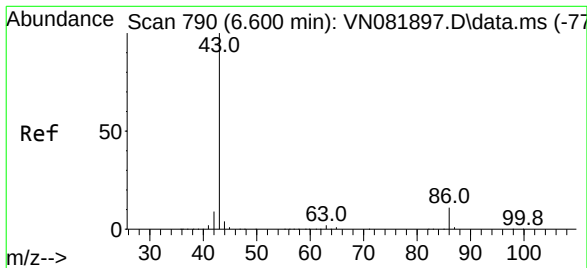
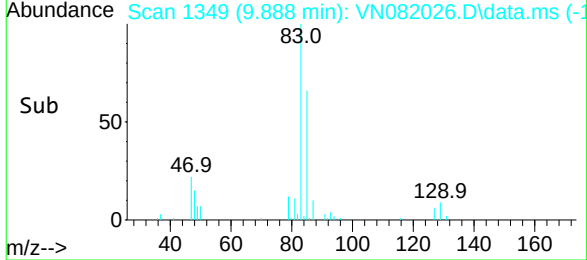
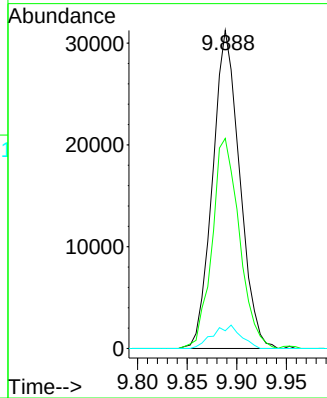
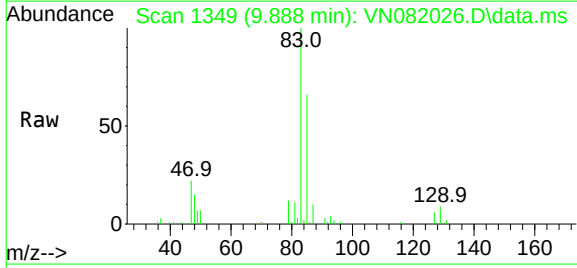
#41
Bromodichloromethane
Concen: 21.184 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	49.4	74.2
127	5.6	7.3	10.9

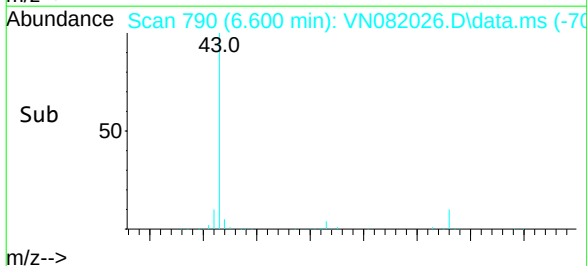
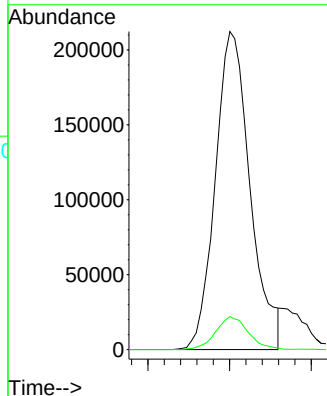
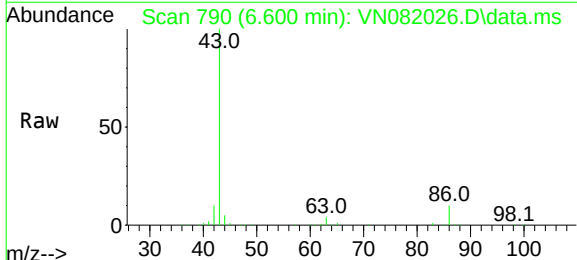
Manual Integrations
APPROVED

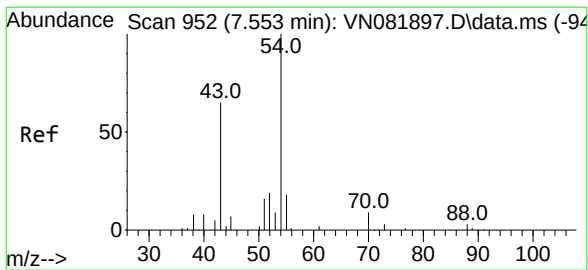
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
Vinyl Acetate
Concen: 114.898 ug/l m
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.7	9.4	14.2





#43

Ethyl Acetate

Concen: 22.681 ug/l

RT: 7.565 min Scan# 95

Delta R.T. 0.012 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 43 Resp: 63488

Ion Ratio Lower Upper

43 100

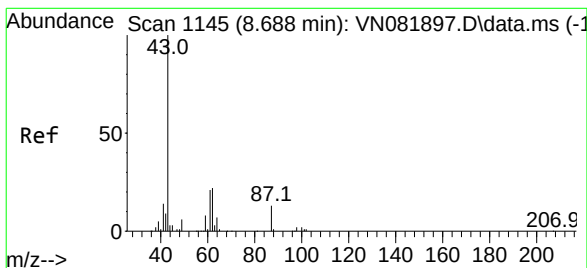
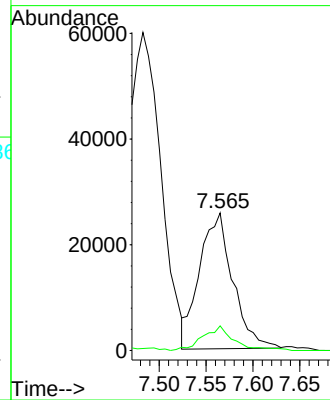
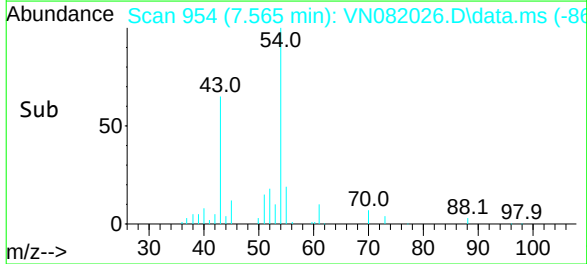
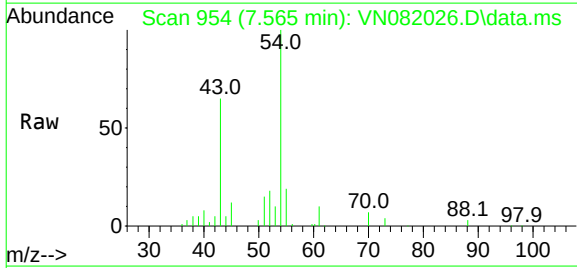
45 12.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#44

Isopropyl Acetate

Concen: 23.433 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082026.D

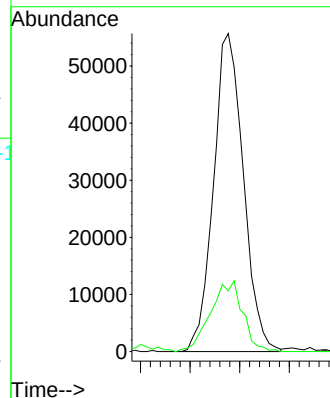
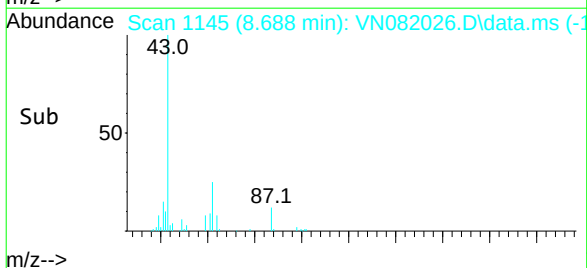
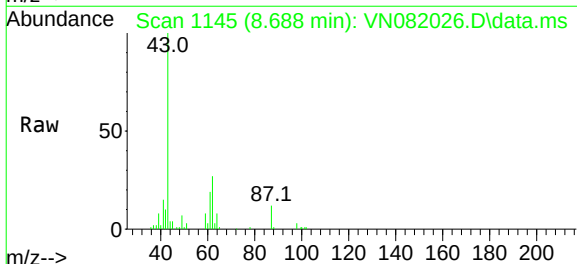
Acq: 08 May 2024 10:46

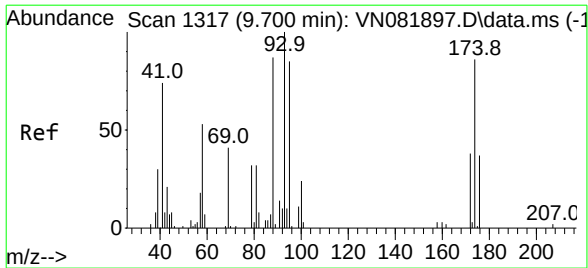
Tgt Ion: 43 Resp: 116452

Ion Ratio Lower Upper

43 100

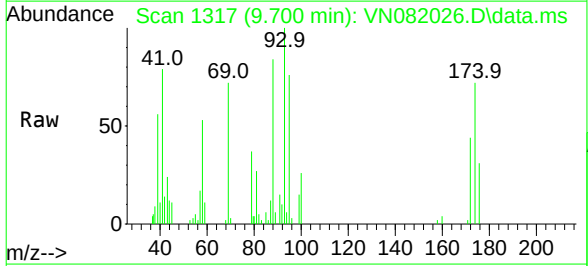
61 23.9 25.0 37.4





#45
1,4-Dioxane
Concen: 466.707 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

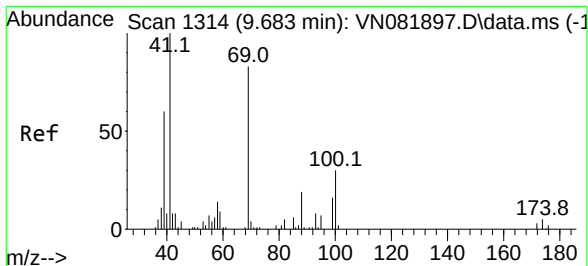
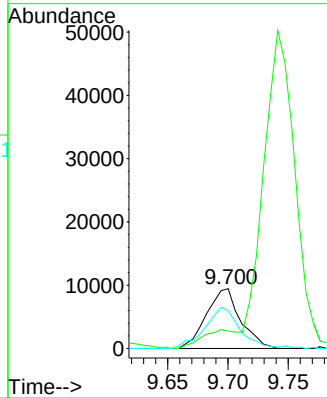
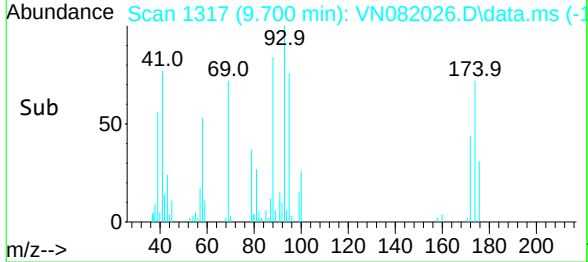
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



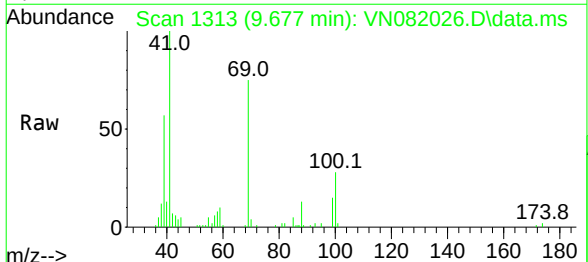
Tgt Ion: 88 Resp: 18600
Ion Ratio Lower Upper
88 100
43 35.5 19.8 29.6#
58 69.8 55.4 83.0

Manual Integrations
APPROVED

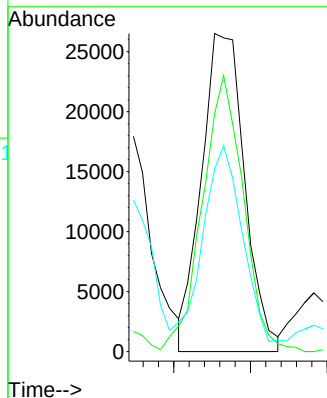
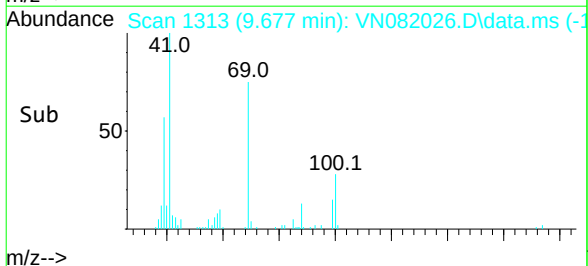
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

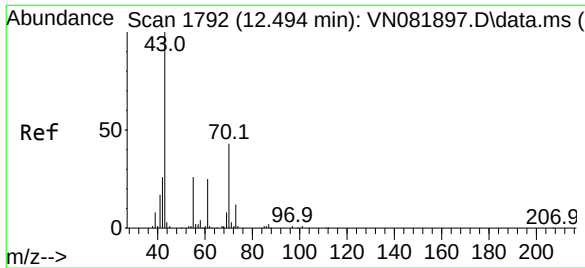


#46
Methyl methacrylate
Concen: 22.848 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46



Tgt Ion: 41 Resp: 51872
Ion Ratio Lower Upper
41 100
69 75.8 51.1 153.3
39 56.4 25.8 77.3





#47

n-amy1 Acetate

Concen: 21.856 ug/l m

RT: 12.494 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 43 Resp: 97963

Ion Ratio Lower Upper

43 100

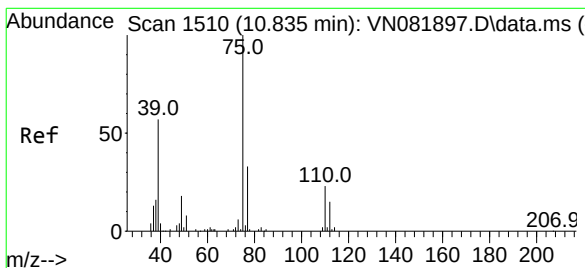
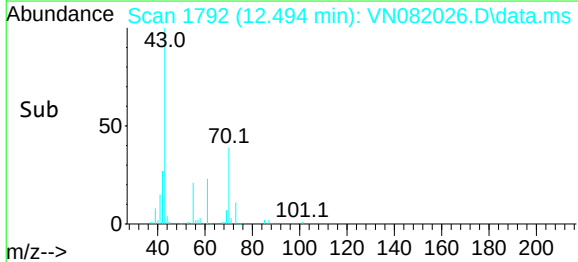
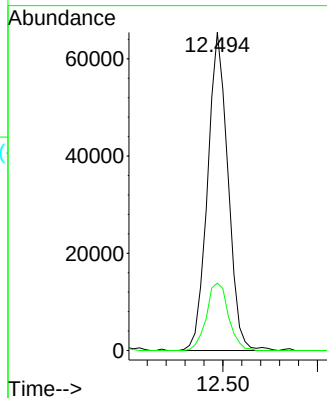
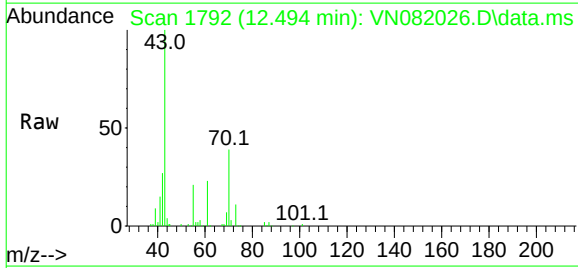
55 0.1 23.4 35.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#48

t-1,3-Dichloropropene

Concen: 22.248 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VN082026.D

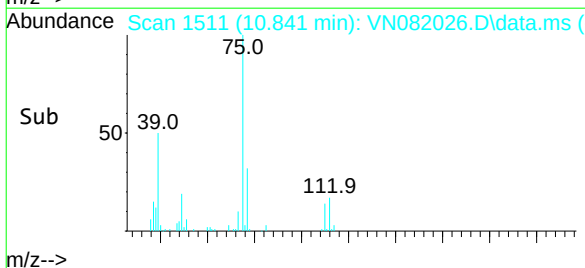
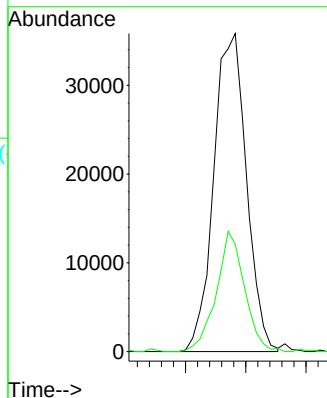
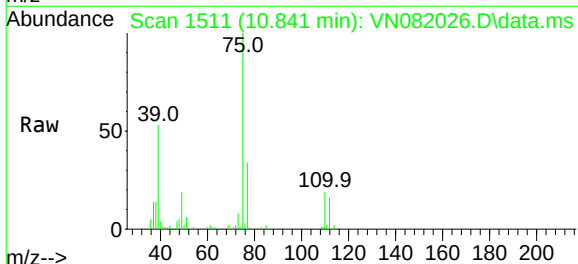
Acq: 08 May 2024 10:46

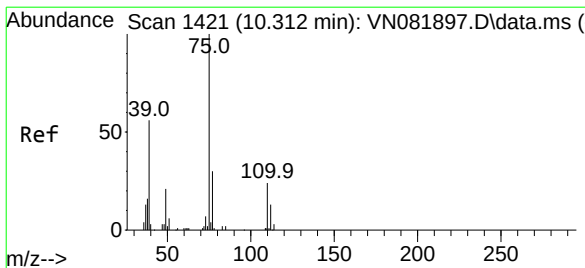
Tgt Ion: 75 Resp: 67540

Ion Ratio Lower Upper

75 100

77 33.8 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 23.124 ug/l

RT: 10.318 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

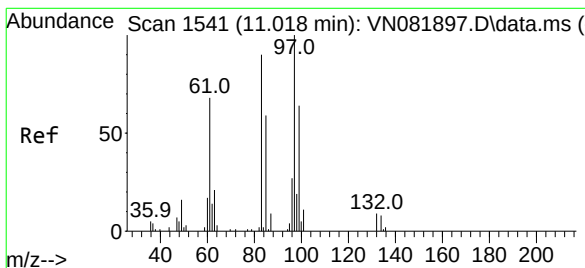
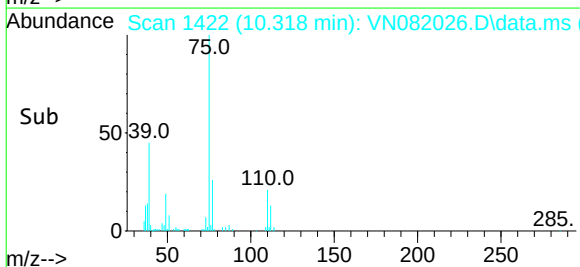
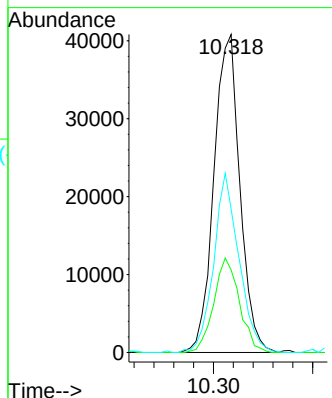
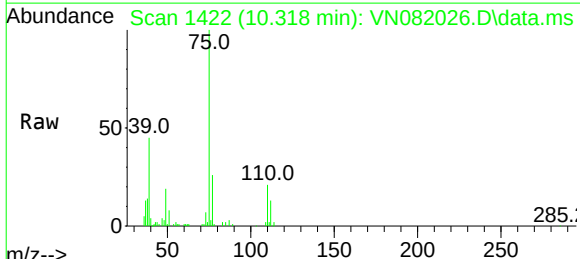
Tgt Ion:	75	Resp:	74221
Ion	Ratio	Lower	Upper
75	100		
77	26.0	24.9	37.3
39	45.2	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#50

1,1,2-Trichloroethane

Concen: 23.674 ug/l

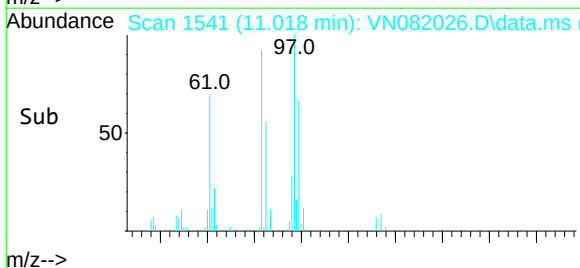
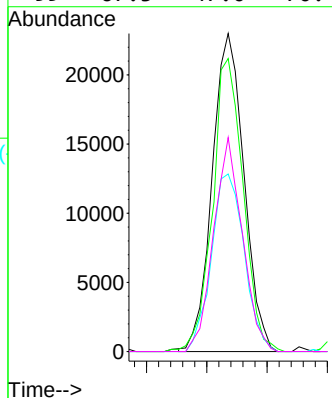
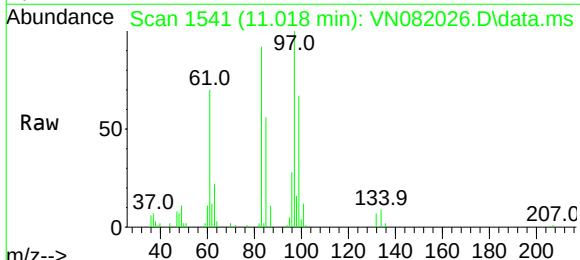
RT: 11.018 min Scan# 1541

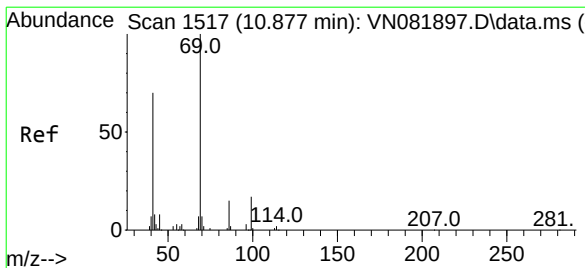
Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Tgt Ion:	97	Resp:	42067
Ion	Ratio	Lower	Upper
97	100		
83	91.4	68.1	102.1
85	55.8	41.8	62.6
99	67.3	47.0	70.4





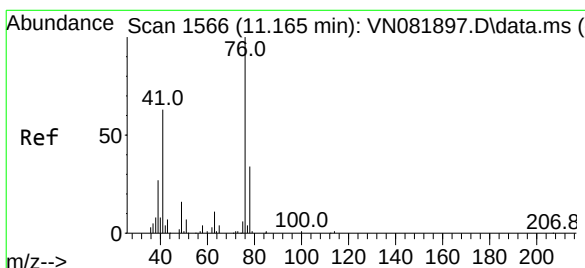
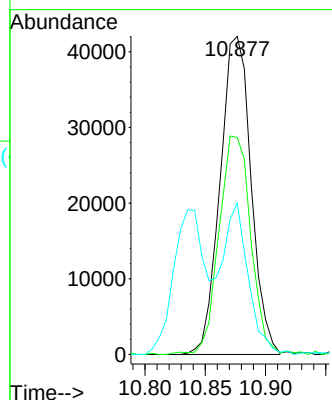
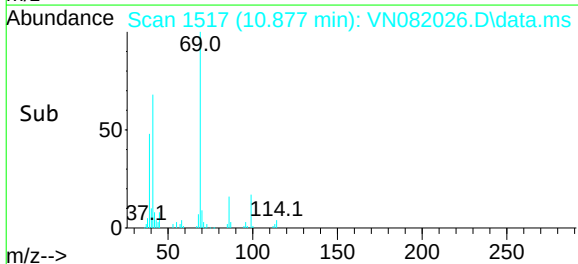
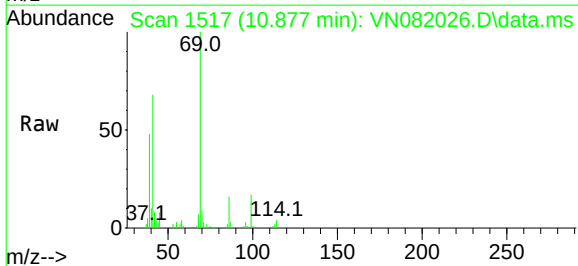
#51
Ethyl methacrylate
Concen: 22.399 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	25.5	76.5
39	46.8	16.0	47.9

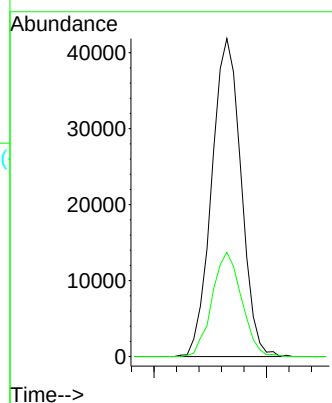
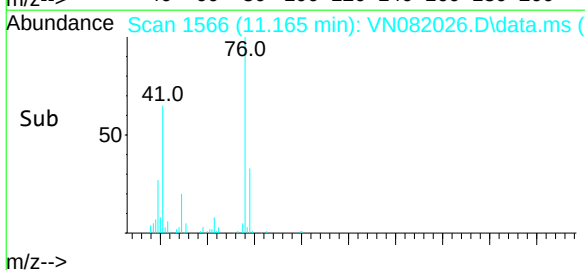
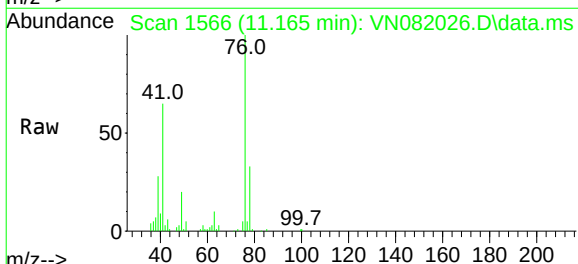
Manual Integrations
APPROVED

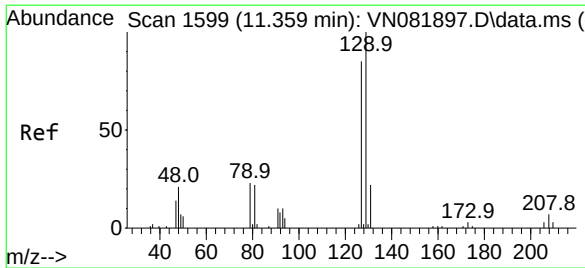
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#52
1,3-Dichloropropane
Concen: 23.213 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.8





#53

Dibromochloromethane

Concen: 20.962 ug/l

RT: 11.365 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion:129 Resp: 40526

Ion Ratio Lower Upper

129 100

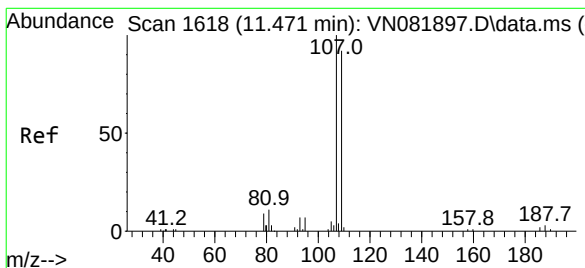
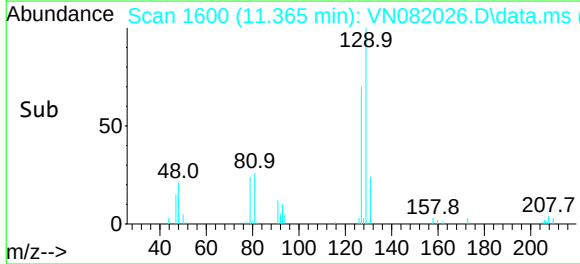
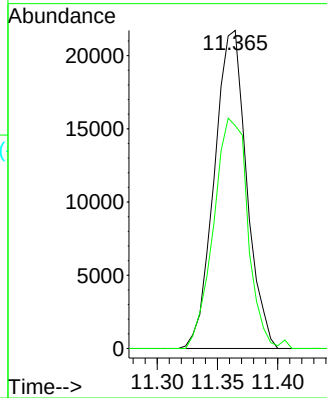
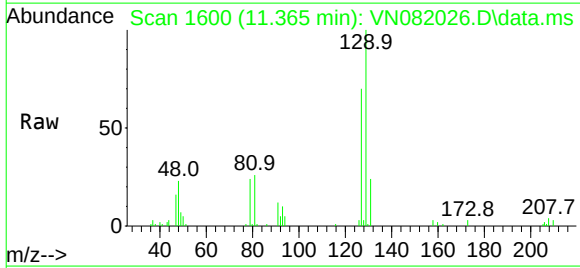
127 76.2 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#54

1,2-Dibromoethane

Concen: 21.664 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN082026.D

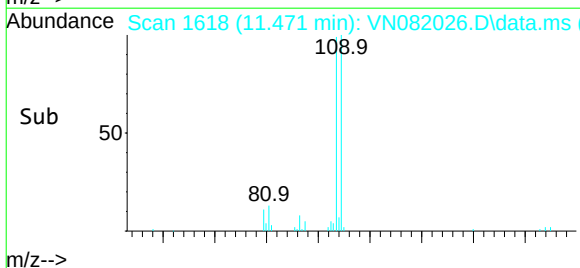
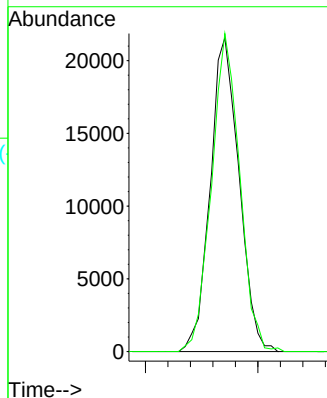
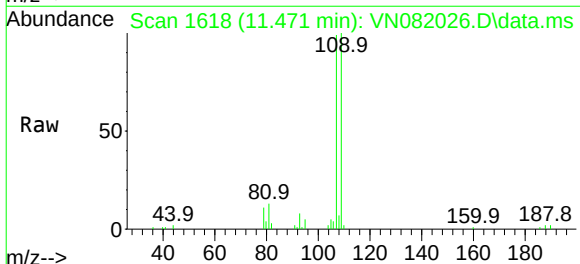
Acq: 08 May 2024 10:46

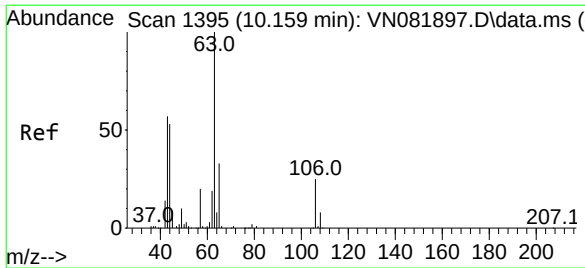
Tgt Ion:107 Resp: 38391

Ion Ratio Lower Upper

107 100

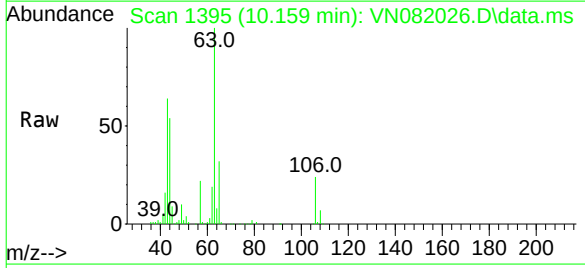
109 98.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 144.136 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

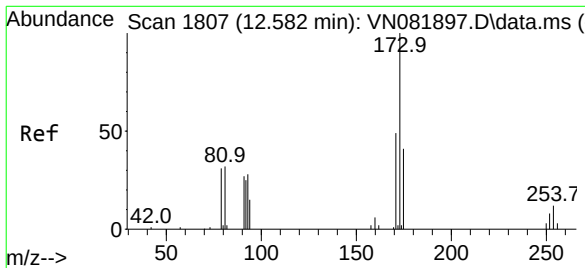
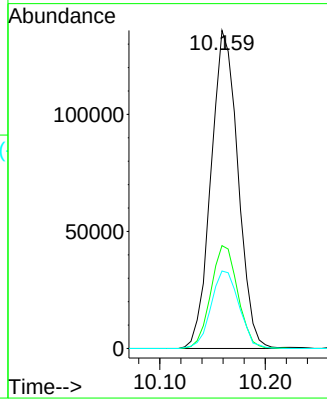
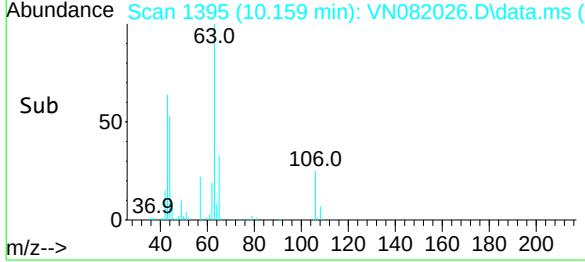
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



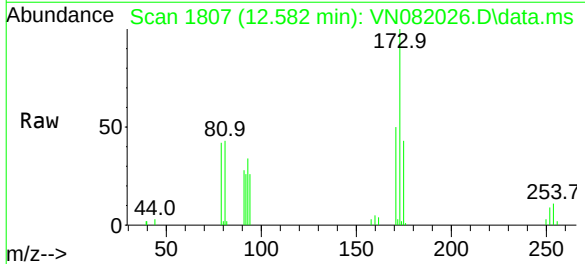
Tgt Ion: 63 Resp: 241719
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 25.4 23.8 35.8

Manual Integrations
APPROVED

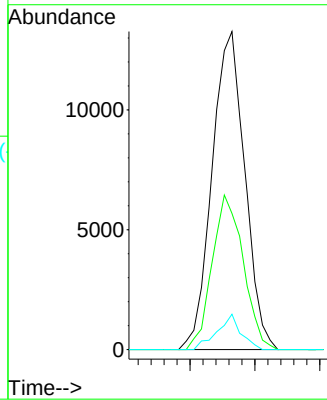
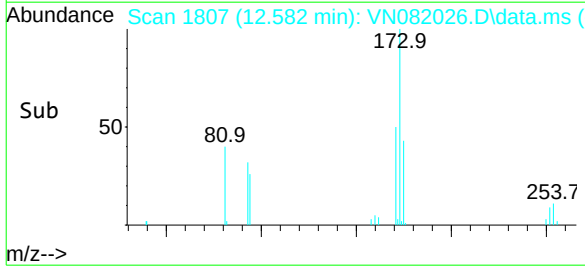
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

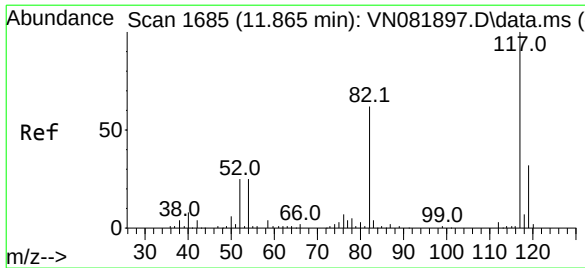


#56
Bromoform
Concen: 19.790 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46



Tgt Ion:173 Resp: 23286
Ion Ratio Lower Upper
173 100
175 46.1 40.0 60.0
254 8.1 8.3 12.5#





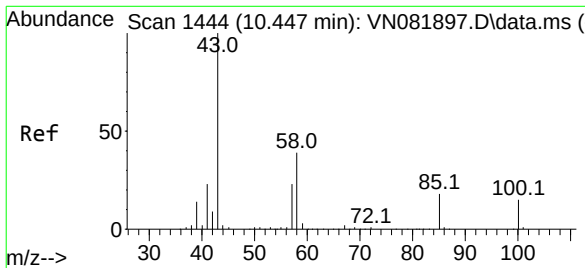
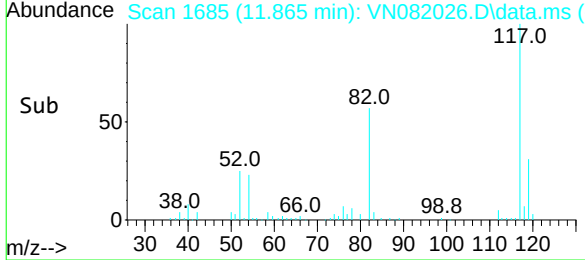
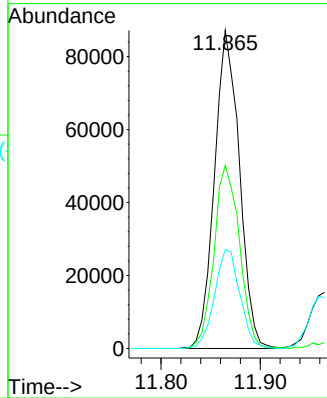
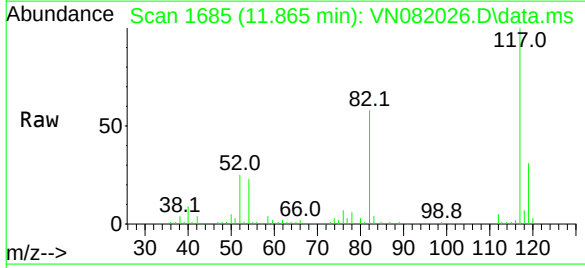
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:	117	Resp:	152392
Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.6	69.8
119	31.6	25.4	38.2

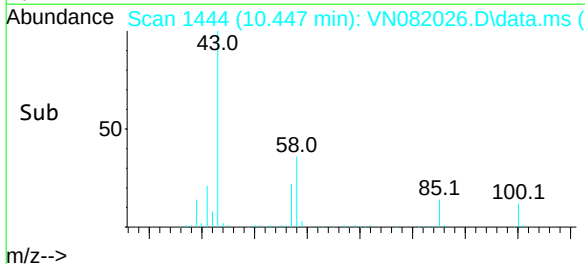
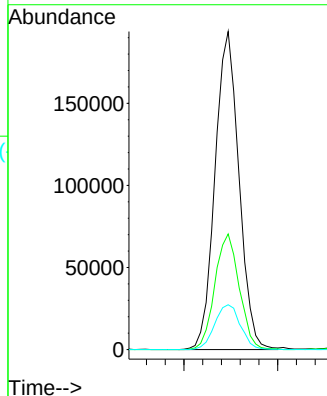
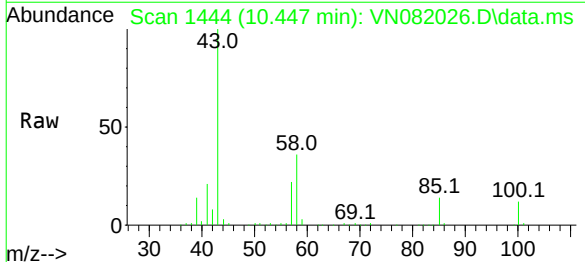
Manual Integrations
APPROVED

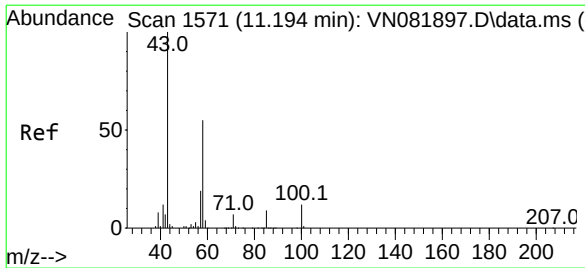
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#58
4-Methyl-2-Pentanone
Concen: 116.139 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

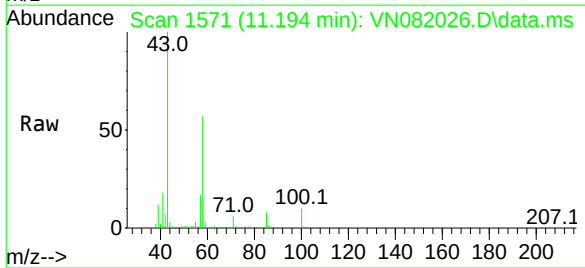
Tgt Ion:	43	Resp:	343654
Ion	Ratio	Lower	Upper
43	100		
58	37.1	36.5	54.7
85	15.2	19.5	29.3





#59
2-Hexanone
Concen: 115.467 ug/l m
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

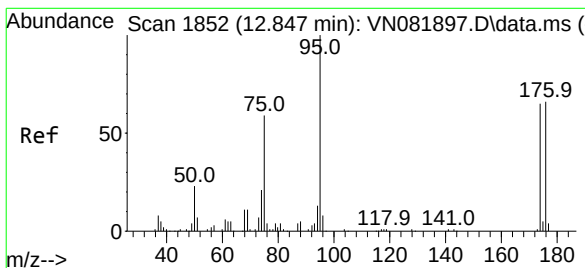
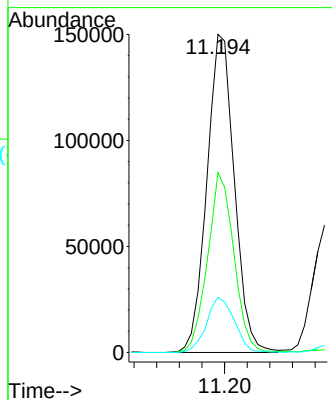
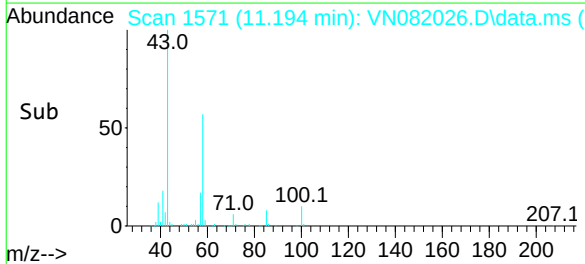
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 43 Resp: 253327
Ion Ratio Lower Upper
43 100
58 1.0 50.4 75.6#
57 0.4 18.6 27.8#

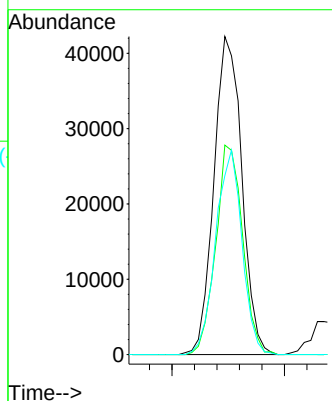
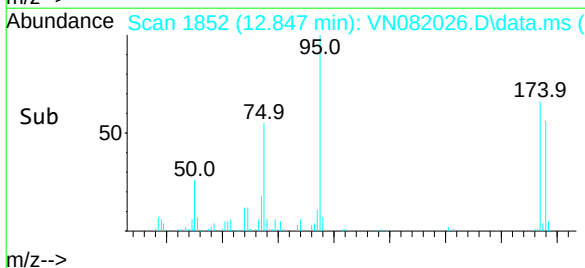
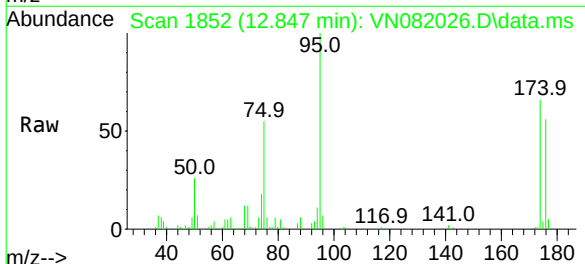
Manual Integrations
APPROVED

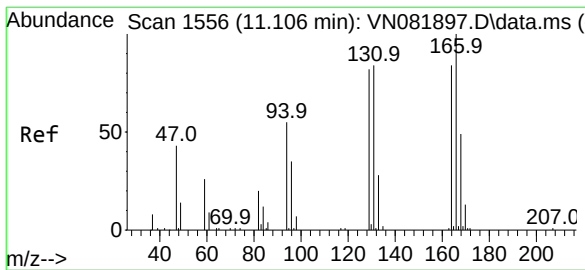
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#60
4-Bromofluorobenzene
Concen: 28.735 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

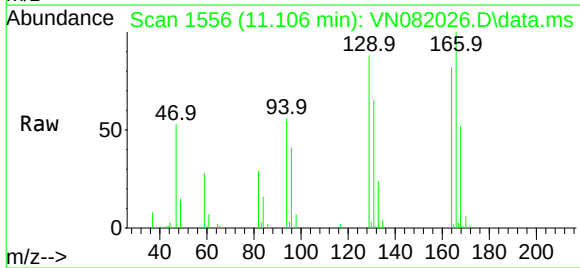
Tgt Ion: 95 Resp: 72876
Ion Ratio Lower Upper
95 100
174 63.5 60.5 90.7
176 60.6 57.8 86.6





#61
Tetrachloroethene
Concen: 16.718 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

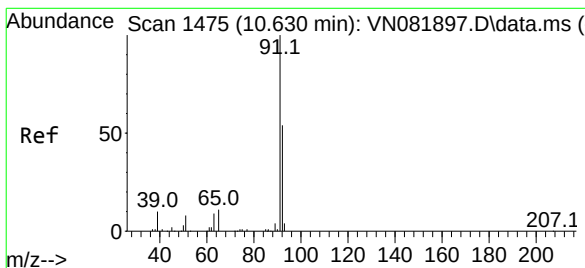
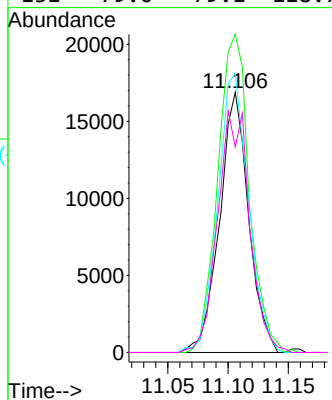
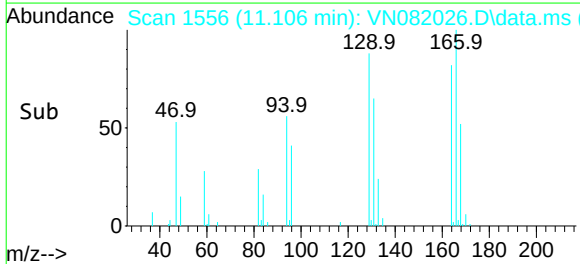
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 164 Resp: 28270
Ion Ratio Lower Upper
164 100
166 122.3 106.7 160.1
129 107.4 85.8 128.6
131 79.0 79.1 118.7#

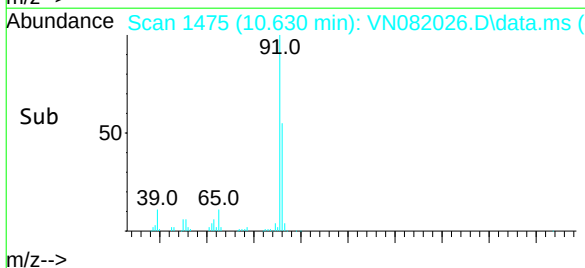
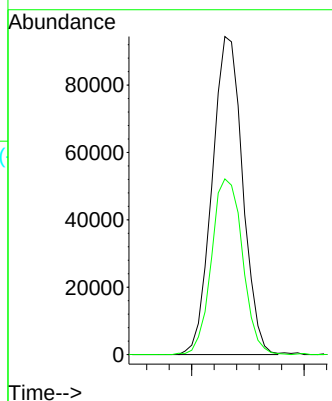
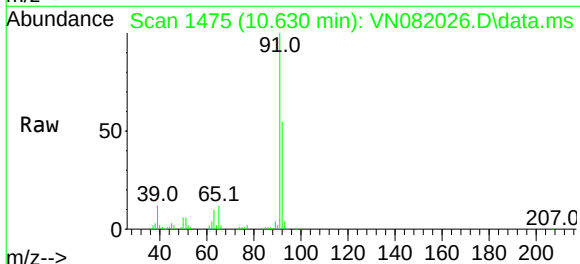
Manual Integrations
APPROVED

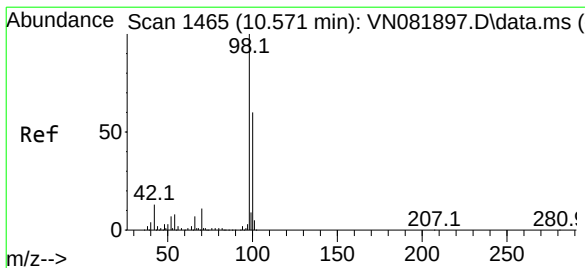
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#62
Toluene
Concen: 20.741 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion: 91 Resp: 177841
Ion Ratio Lower Upper
91 100
92 56.2 46.5 69.7





#63

Toluene-d8

Concen: 29.780 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 98 Resp: 215523

Ion Ratio Lower Upper

98 100

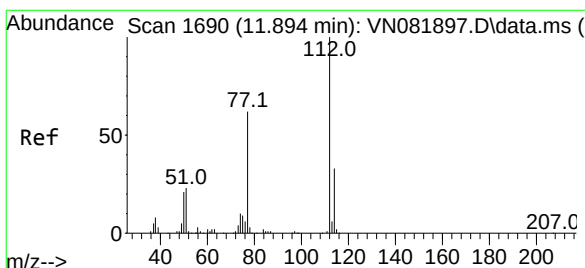
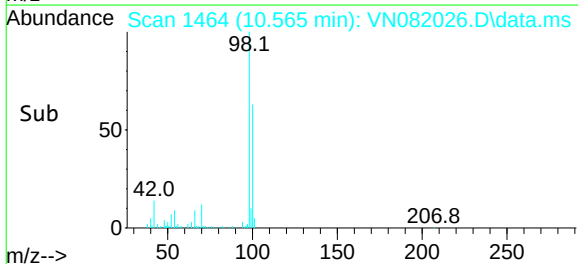
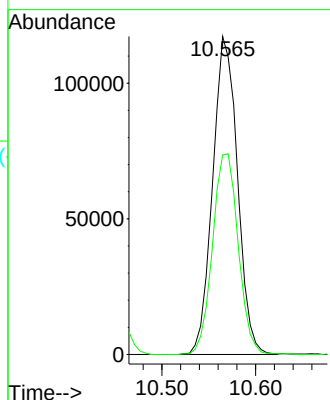
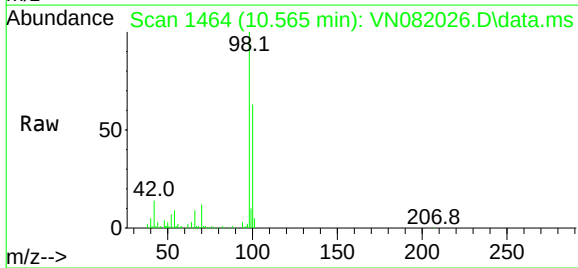
100 65.2 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#64

Chlorobenzene

Concen: 20.916 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN082026.D

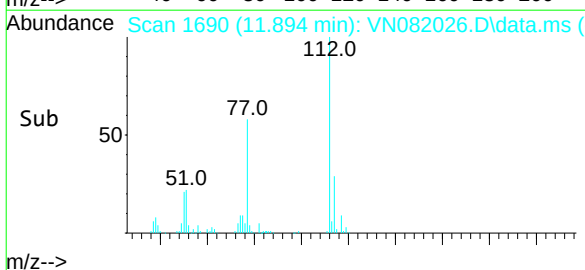
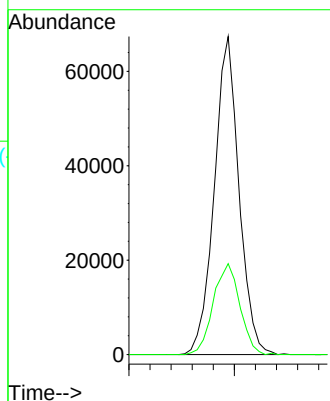
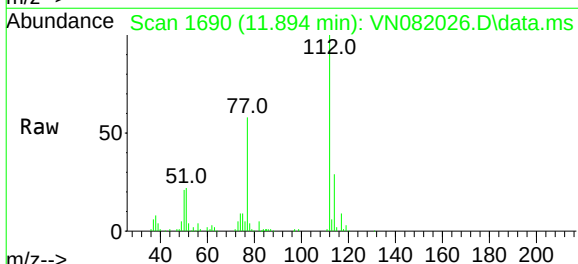
Acq: 08 May 2024 10:46

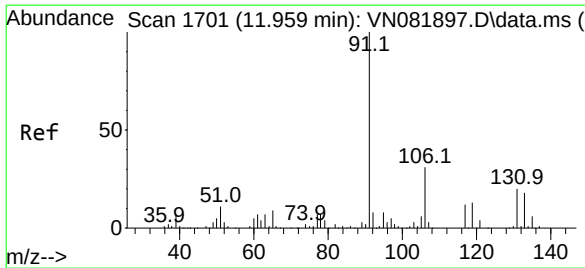
Tgt Ion:112 Resp: 109695

Ion Ratio Lower Upper

112 100

114 28.6 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.491 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

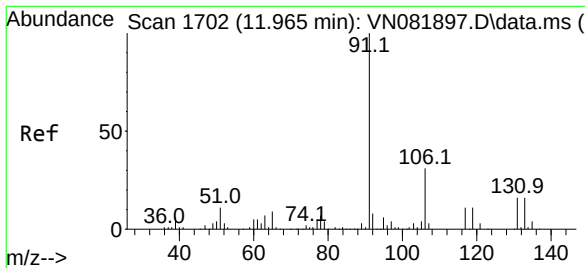
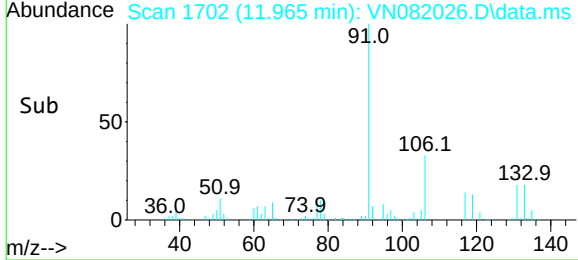
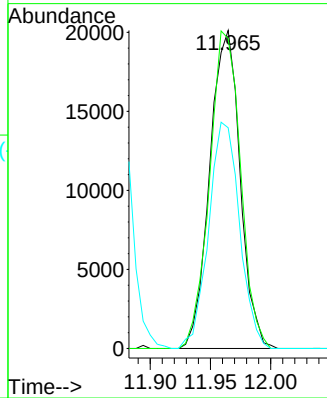
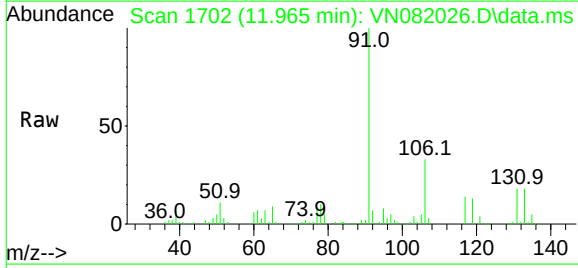
Tgt Ion:	131	Resp:	35174
Ion Ratio	Lower	Upper	
131	100		
133	101.9	0.0	188.0
119	72.5	0.0	122.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#66

Ethyl Benzene

Concen: 19.967 ug/l

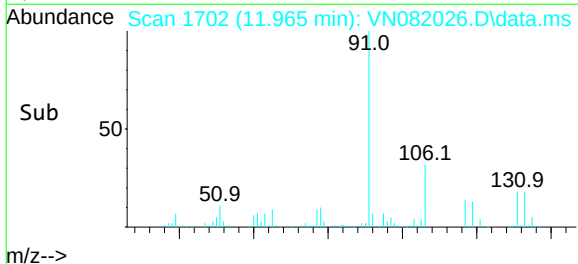
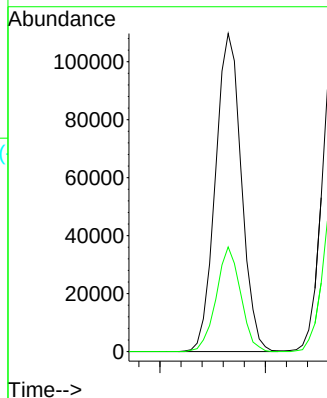
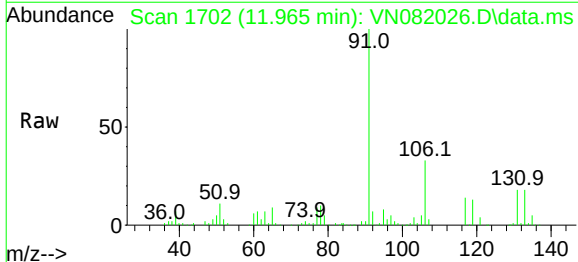
RT: 11.965 min Scan# 1702

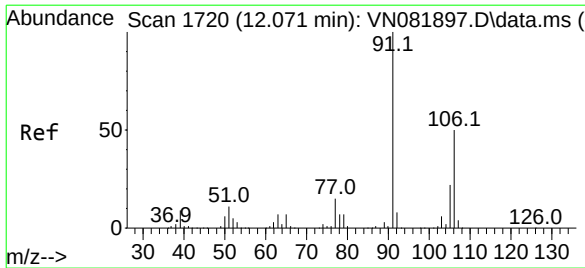
Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Tgt Ion:	91	Resp:	187660
Ion Ratio	Lower	Upper	
91	100		
106	32.9	24.4	36.6





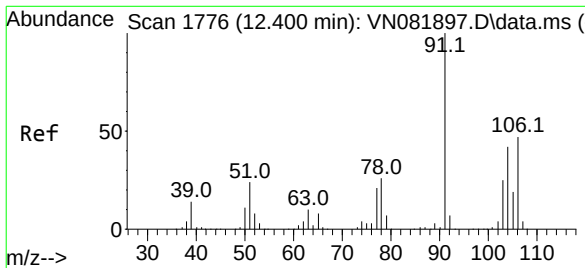
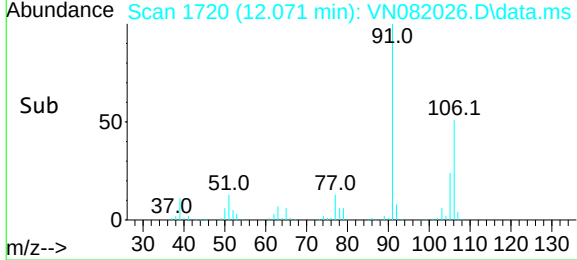
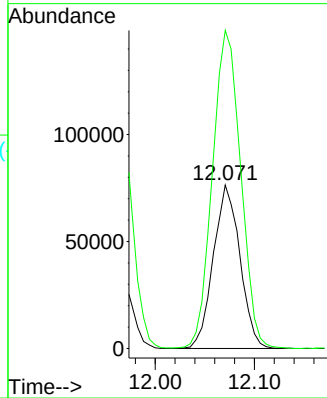
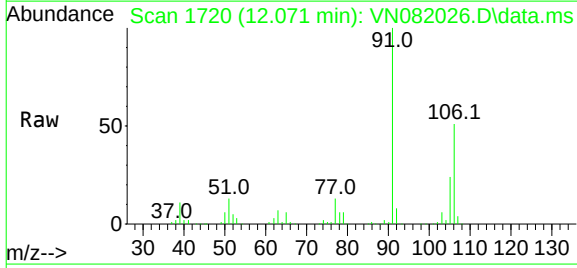
#67
m/p-Xylenes
Concen: 40.844 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:106 Resp: 142329
Ion Ratio Lower Upper
106 100
91 206.8 166.6 249.8

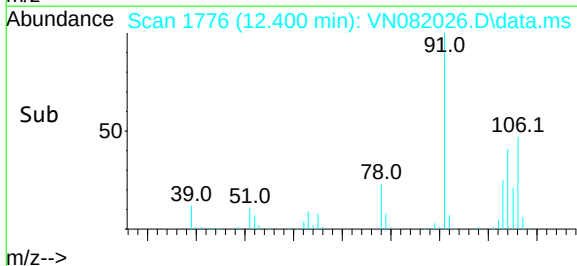
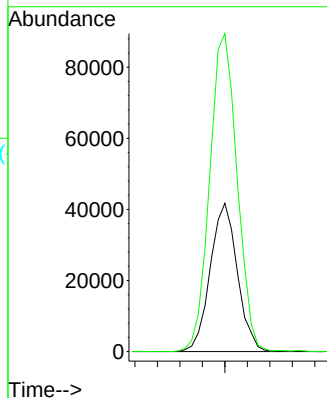
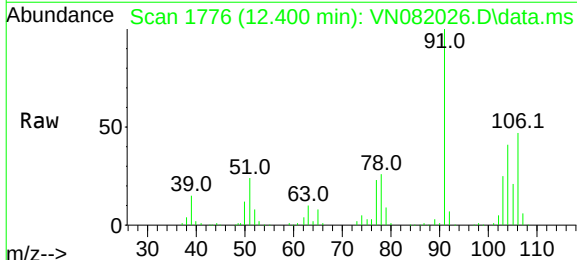
Manual Integrations
APPROVED

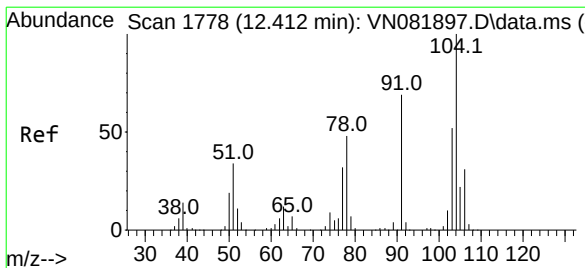
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#68
o-Xylene
Concen: 20.285 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion:106 Resp: 69936
Ion Ratio Lower Upper
106 100
91 216.6 110.0 330.0





#69

Styrene

Concen: 20.280 ug/l

RT: 12.412 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

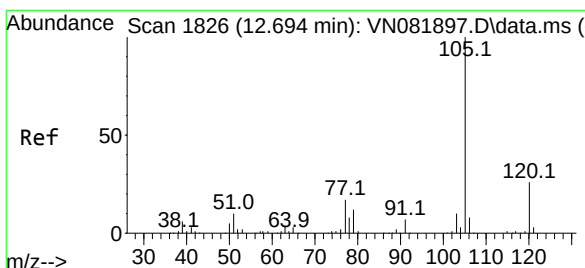
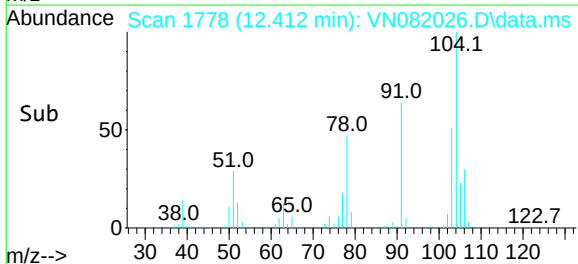
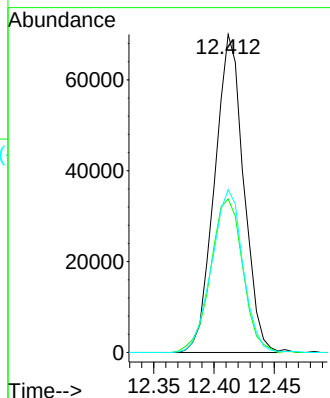
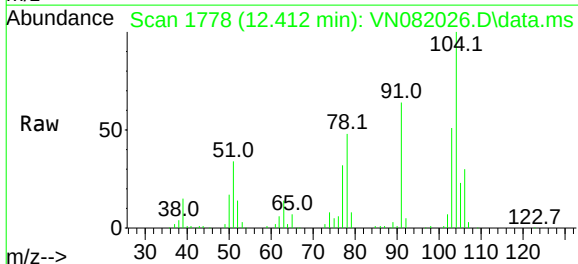
ClientSampleId :

VN0508WBSD01

Tgt Ion:104	Resp: 117371
Ion Ratio	Lower Upper
104 100	
78 53.5	42.6 64.0
103 54.9	43.7 65.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#70

Isopropylbenzene

Concen: 19.355 ug/l

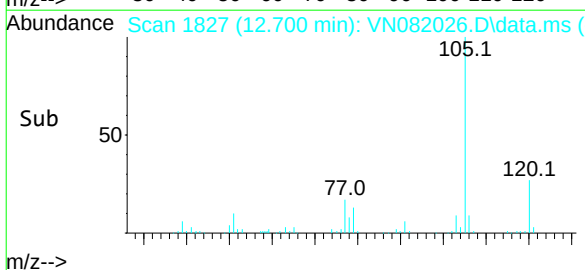
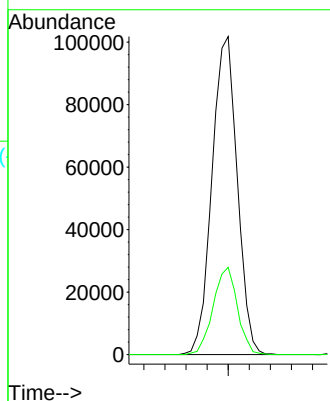
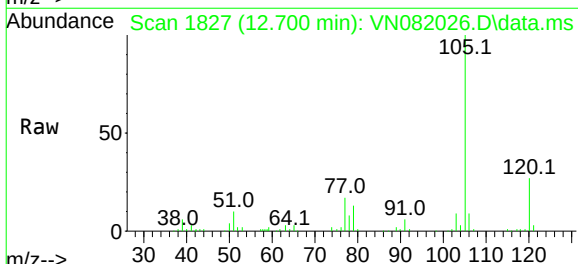
RT: 12.700 min Scan# 1827

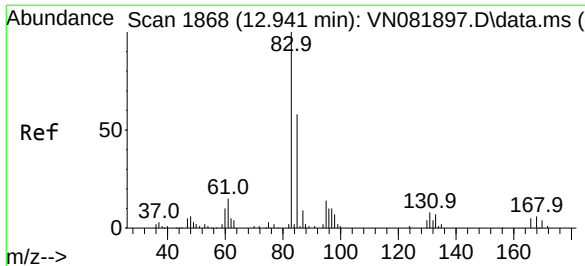
Delta R.T. 0.006 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Tgt Ion:105	Resp: 169475
Ion Ratio	Lower Upper
105 100	
120 26.4	17.8 33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 23.970 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

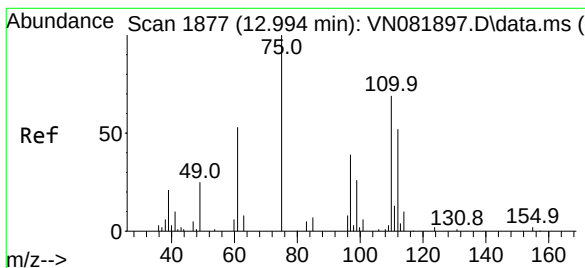
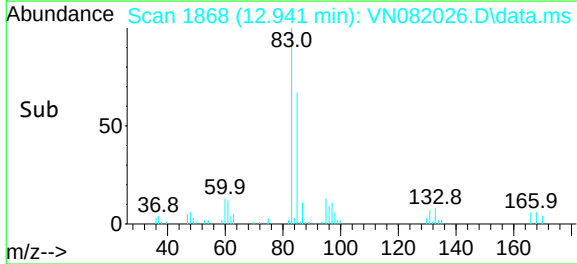
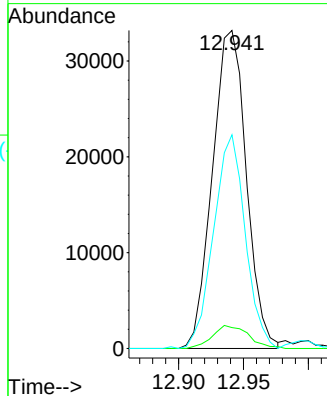
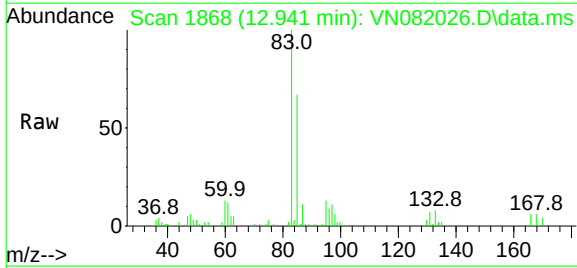
Tgt Ion:	83	Resp:	60399
Ion	Ratio	Lower	Upper
83	100		
131	7.7	5.2	15.6
85	62.5	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#72

1,2,3-Trichloropropane

Concen: 21.943 ug/l m

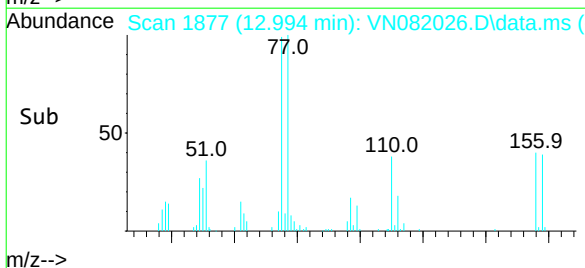
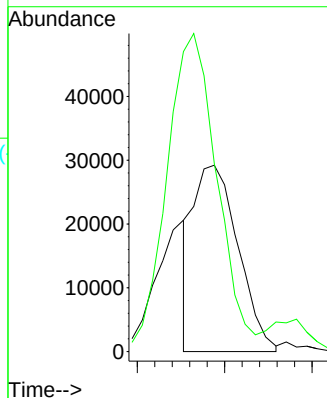
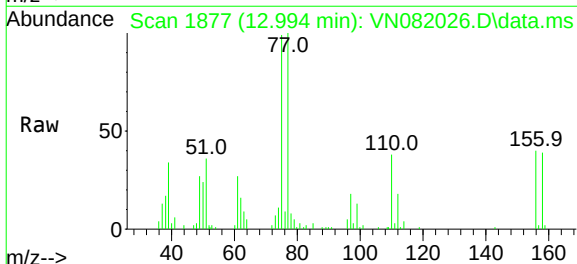
RT: 12.994 min Scan# 1877

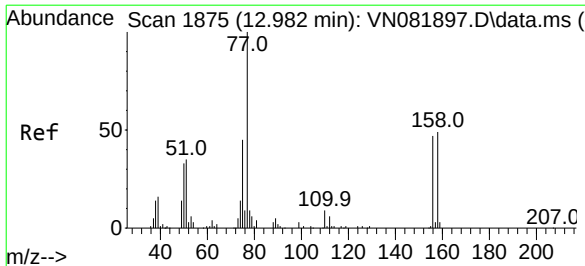
Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Tgt Ion:	75	Resp:	51693
Ion	Ratio	Lower	Upper
75	100		
77	192.5	0.0	367.6





#73

Bromobenzene

Concen: 19.389 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

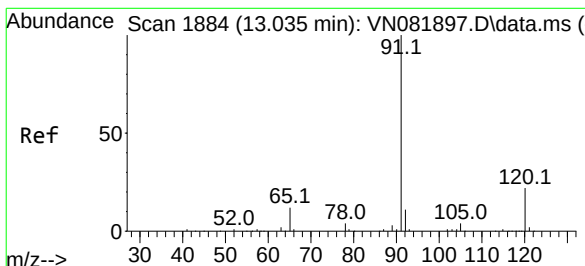
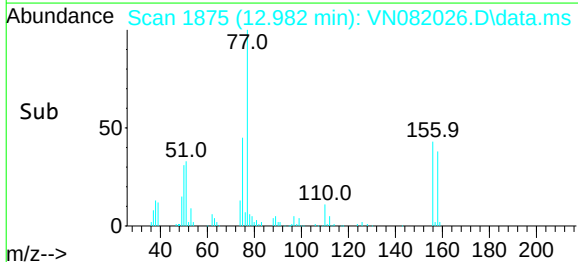
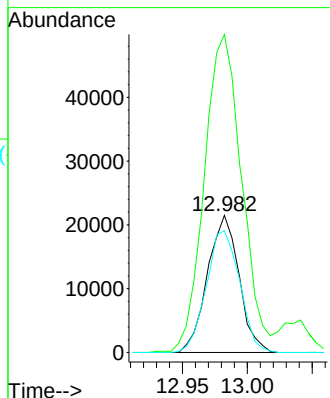
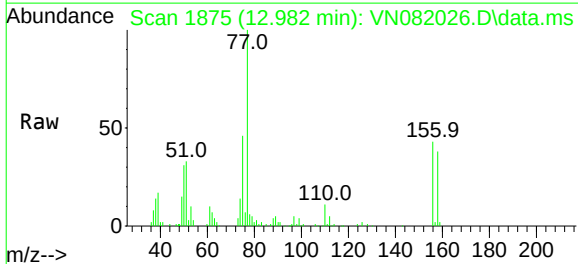
Tgt Ion:	156	Resp:	36342
Ion Ratio	Lower	Upper	
156	100		
77	273.9	0.0	437.6
158	93.7	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#74

n-propylbenzene

Concen: 20.221 ug/l

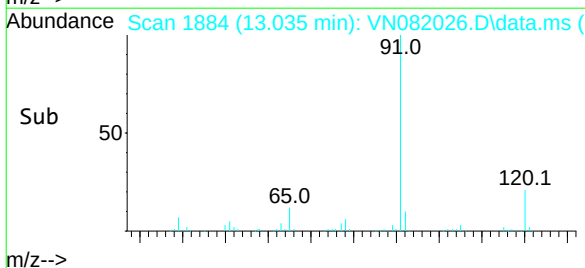
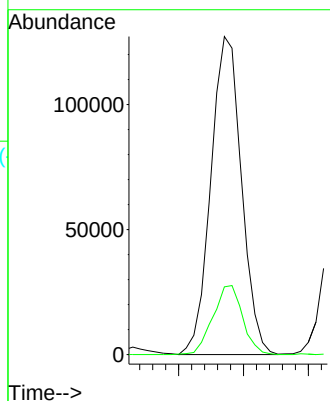
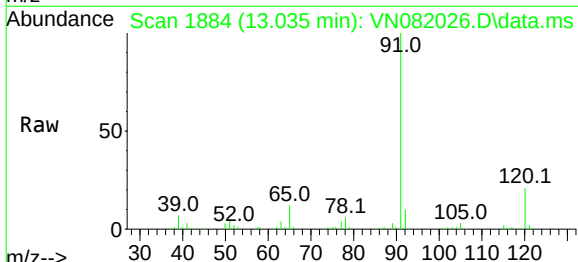
RT: 13.035 min Scan# 1884

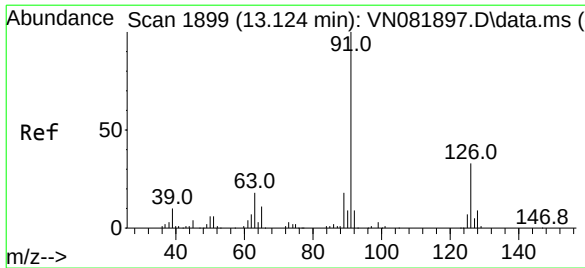
Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Tgt Ion:	91	Resp:	208898
Ion Ratio	Lower	Upper	
91	100		
120	21.0	0.0	43.8





#75

2-Chlorotoluene

Concen: 20.061 ug/l

RT: 13.129 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 91 Resp: 128208

Ion Ratio Lower Upper

91 100

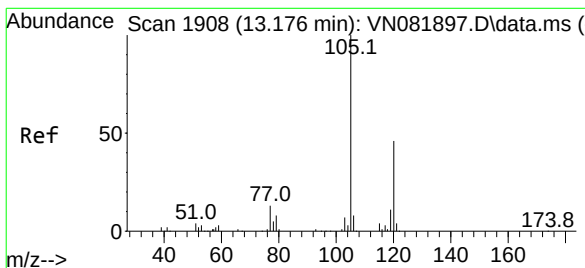
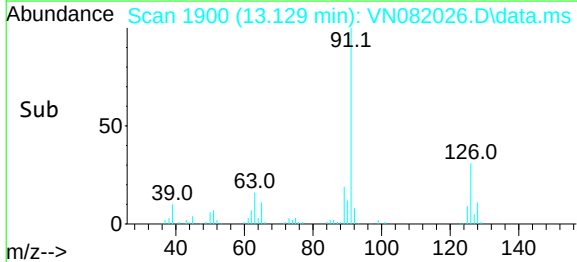
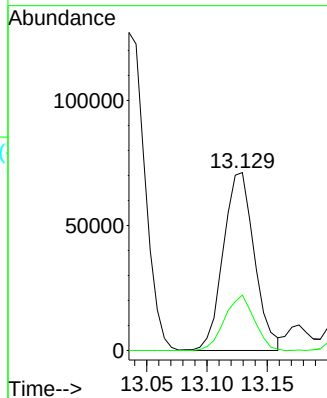
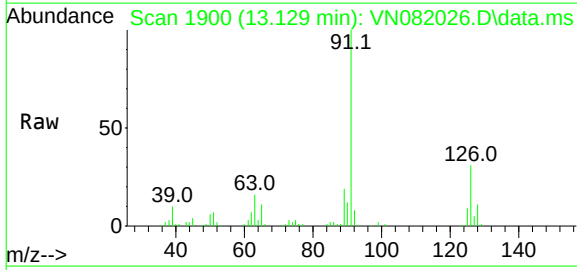
126 29.5 0.0 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.655 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN082026.D

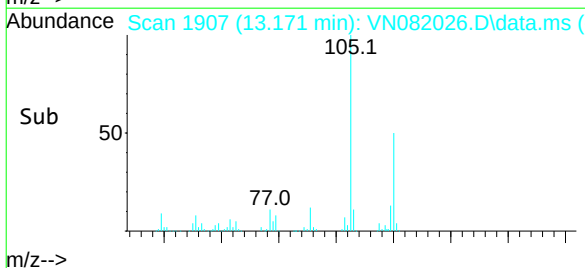
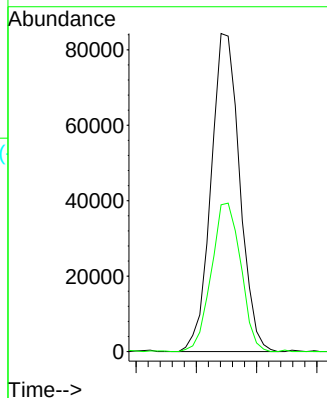
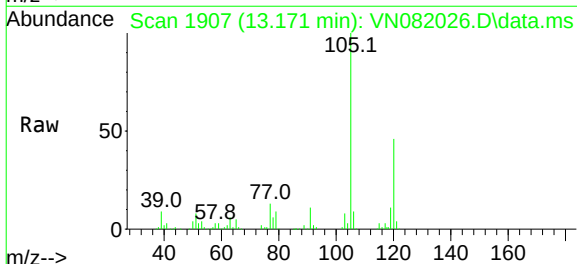
Acq: 08 May 2024 10:46

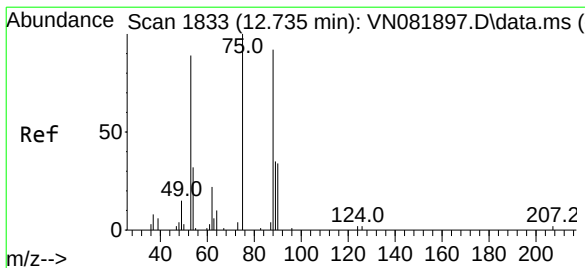
Tgt Ion:105 Resp: 139308

Ion Ratio Lower Upper

105 100

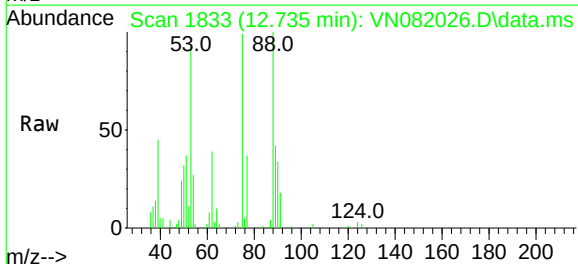
120 47.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 22.730 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

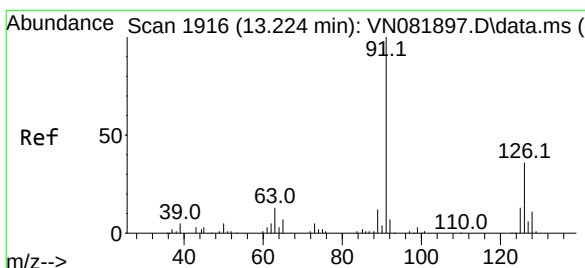
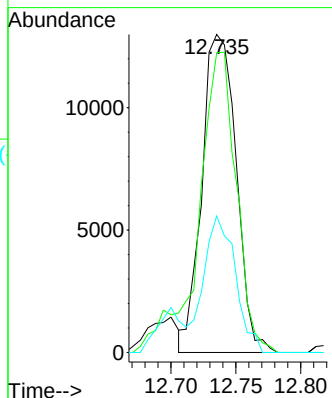
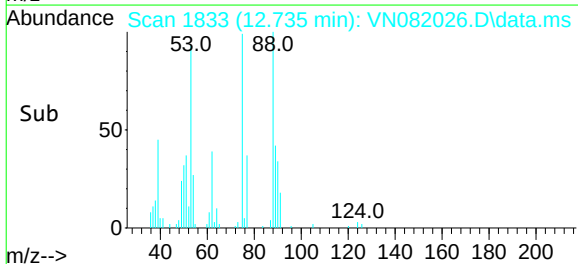
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 75 Resp: 23833
Ion Ratio Lower Upper
75 100
53 94.2 45.9 137.7
89 42.9 25.9 77.7

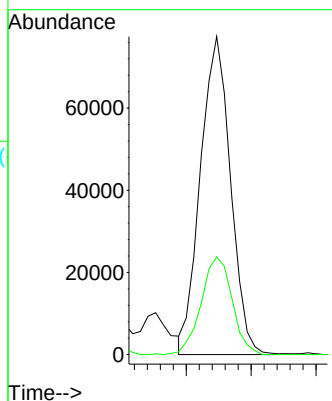
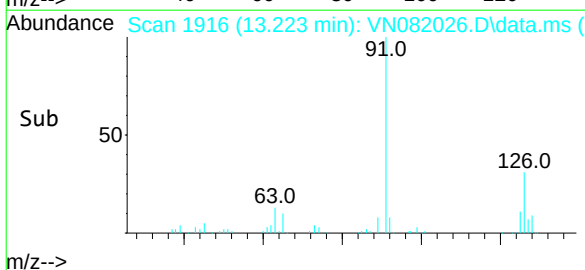
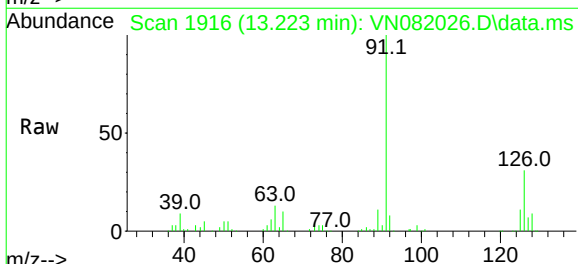
Manual Integrations
APPROVED

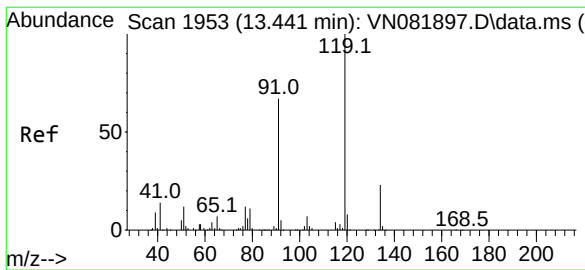
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#78
4-Chlorotoluene
Concen: 19.945 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion: 91 Resp: 124876
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.8





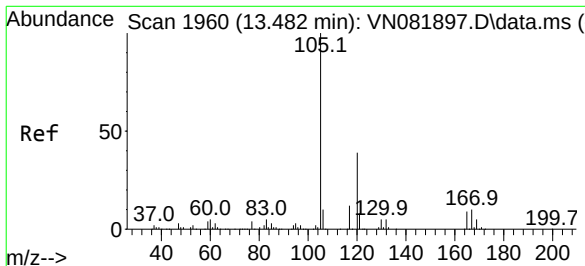
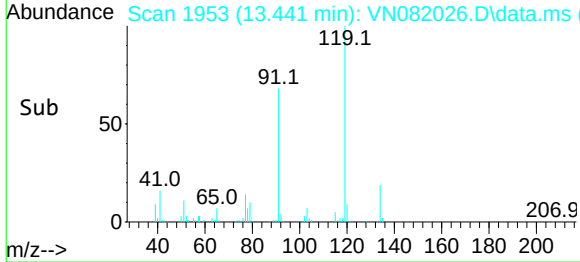
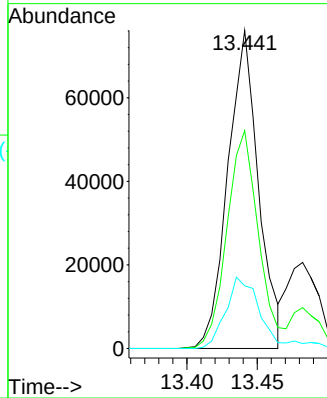
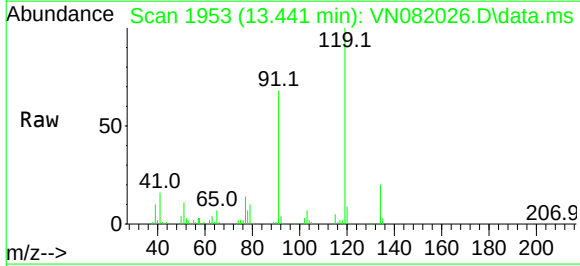
#79
tert-butylbenzene
Concen: 18.946 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:119 Resp: 115615
Ion Ratio Lower Upper
119 100
91 71.1 0.0 138.8
134 24.2 0.0 48.6

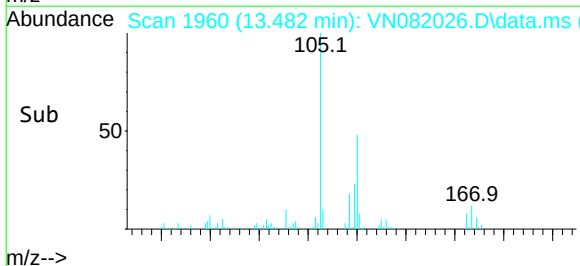
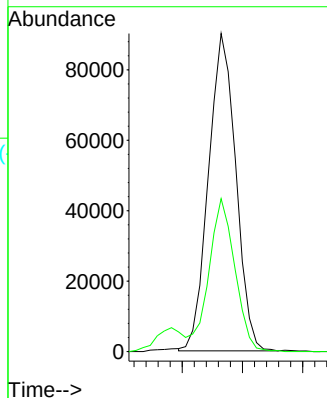
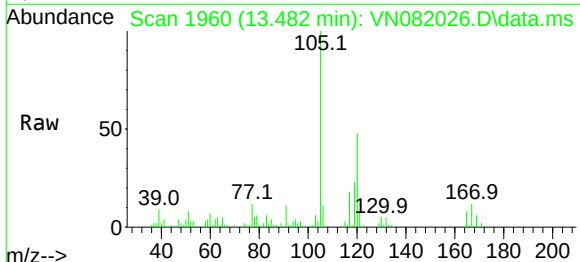
Manual Integrations
APPROVED

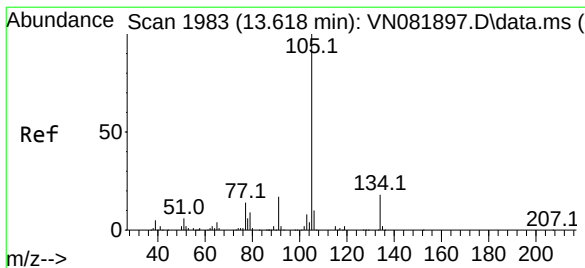
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.001 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion:105 Resp: 142388
Ion Ratio Lower Upper
105 100
120 45.9 0.0 86.8





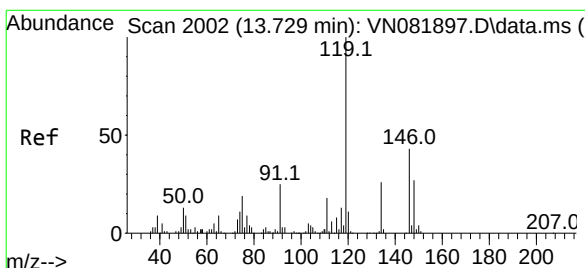
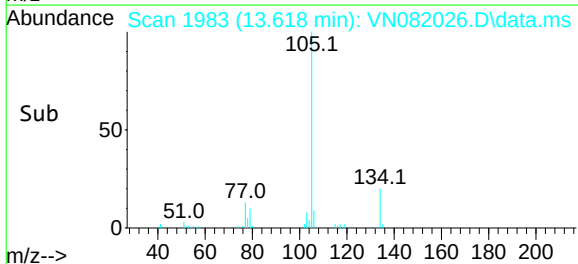
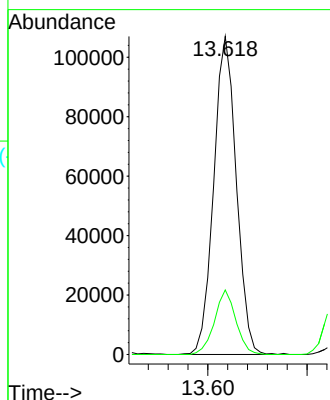
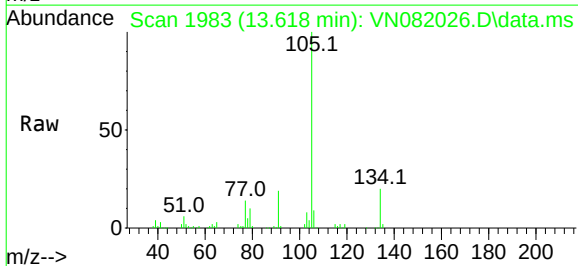
#81
sec-Butylbenzene
Concen: 19.775 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:105 Resp: 169153
Ion Ratio Lower Upper
105 100
134 19.2 0.0 39.0

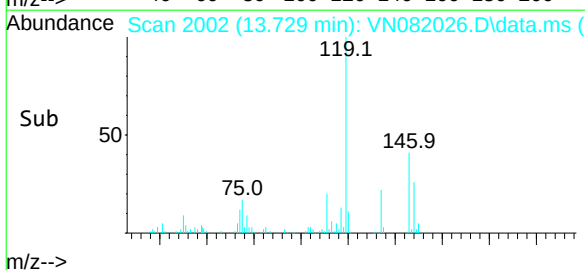
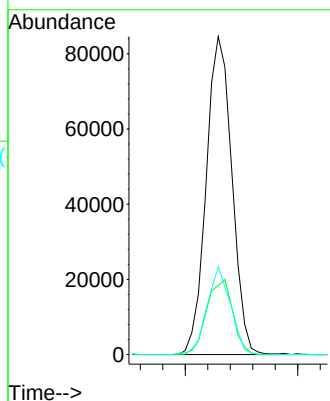
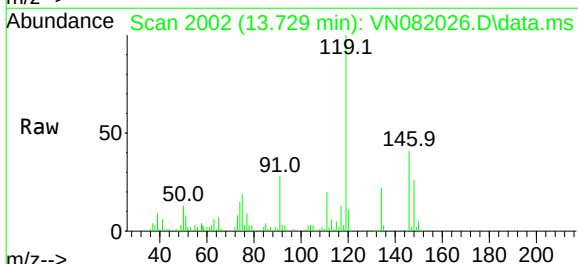
Manual Integrations
APPROVED

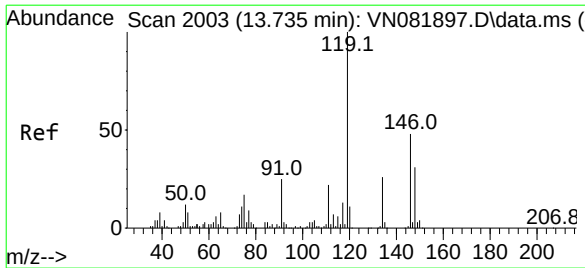
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#82
p-Isopropyltoluene
Concen: 19.915 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion:119 Resp: 134704
Ion Ratio Lower Upper
119 100
134 23.9 0.0 49.2
91 25.2 0.0 48.8





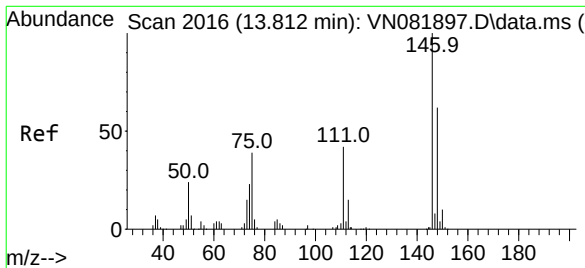
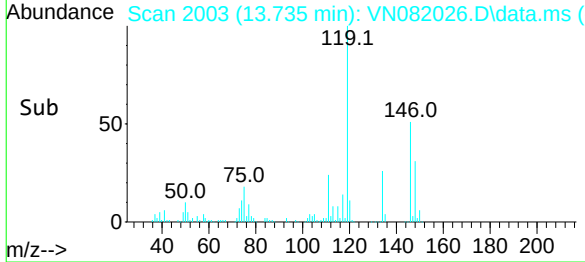
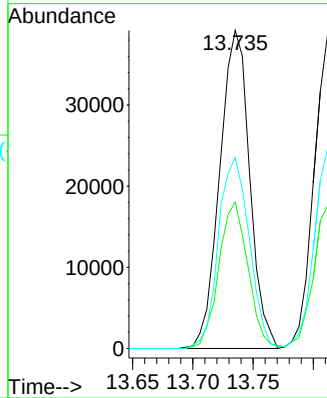
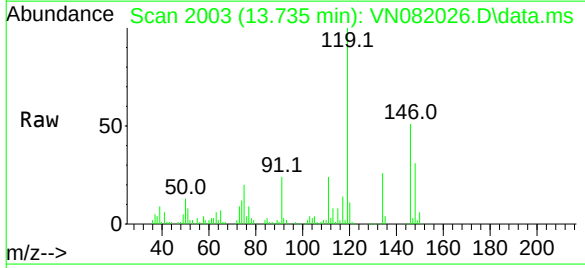
#83
1,3-Dichlorobenzene
Concen: 20.092 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:146 Resp: 67810
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 61.7 32.1 96.5

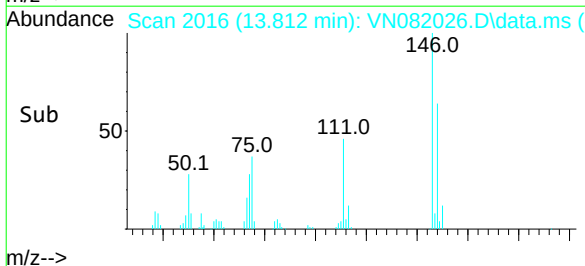
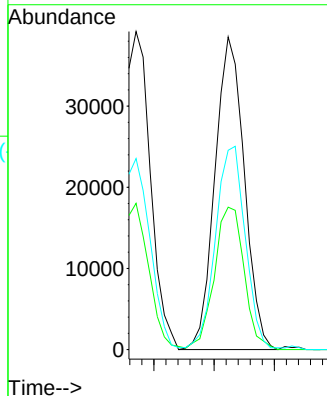
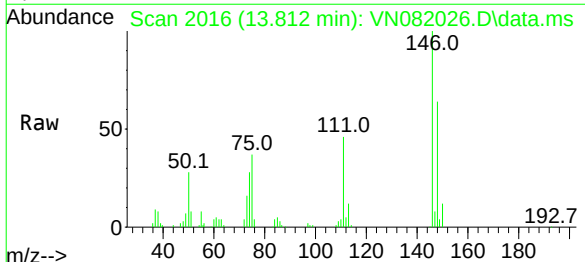
Manual Integrations
APPROVED

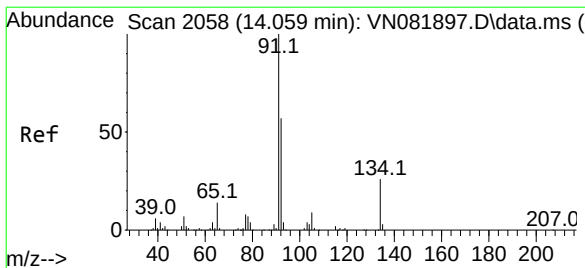
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#84
1,4-Dichlorobenzene
Concen: 19.256 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

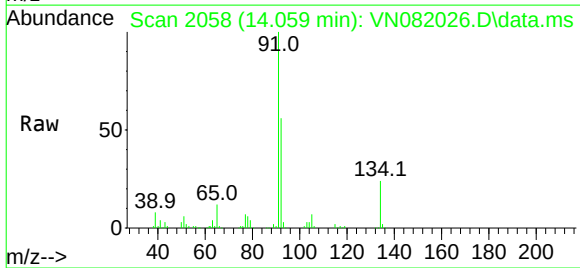
Tgt Ion:146 Resp: 65321
Ion Ratio Lower Upper
146 100
111 46.2 21.3 63.9
148 65.9 31.9 95.5





#85
n-Butylbenzene
Concen: 20.017 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

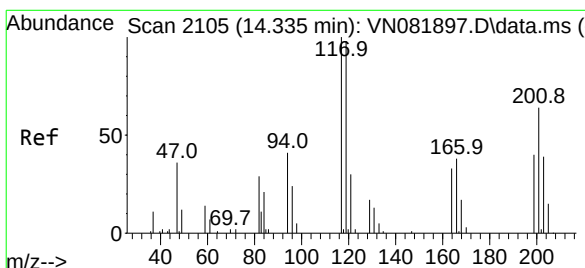
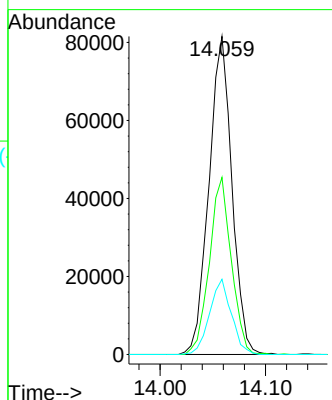
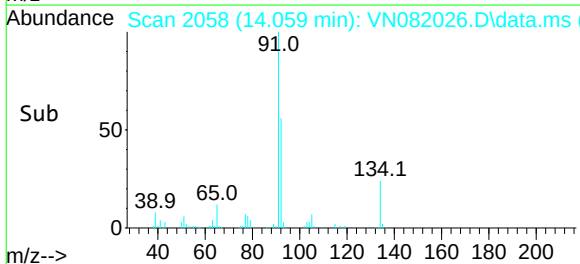
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 91 Resp: 123675
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.0
134 22.4 0.0 51.8

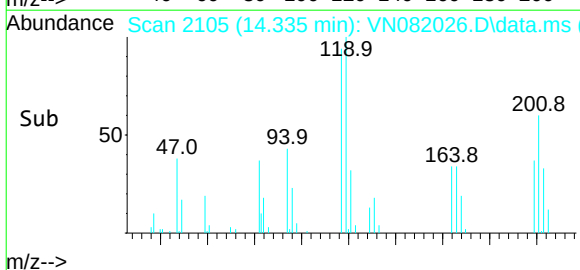
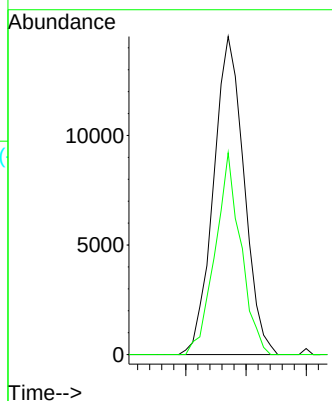
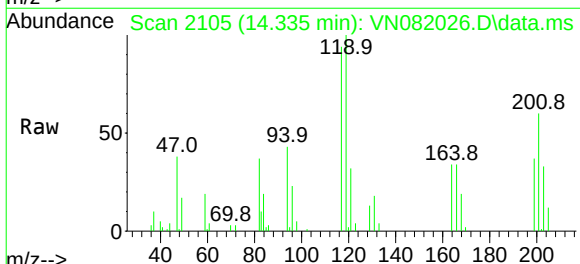
Manual Integrations
APPROVED

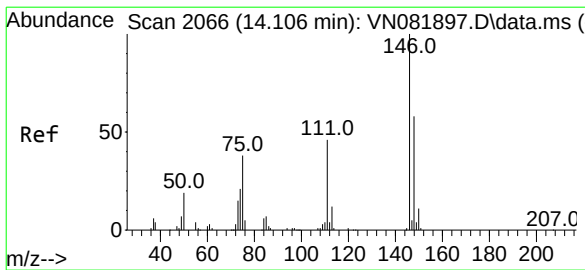
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#86
Hexachloroethane
Concen: 18.959 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion:117 Resp: 25570
Ion Ratio Lower Upper
117 100
201 53.5 38.0 114.0





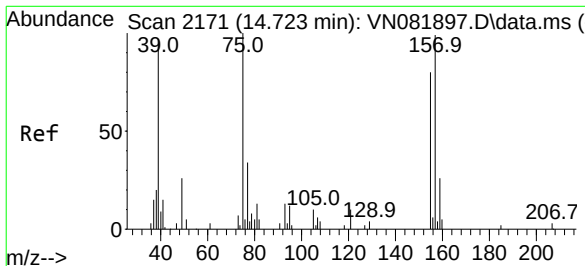
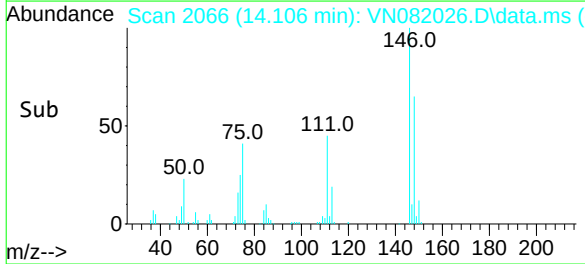
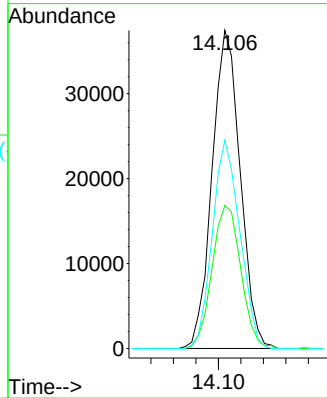
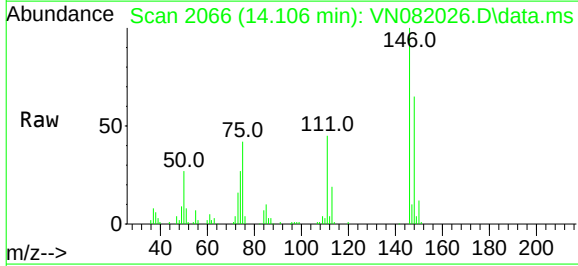
#87
1,2-Dichlorobenzene
Concen: 19.321 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.6	67.8
148	64.1	31.3	93.8

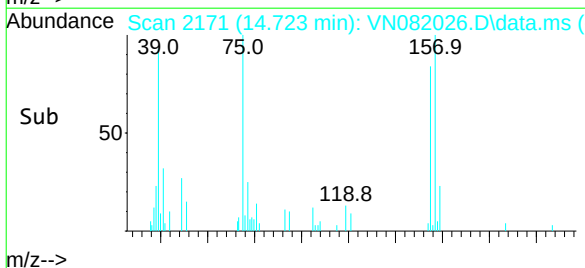
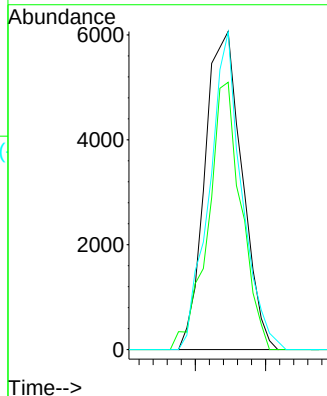
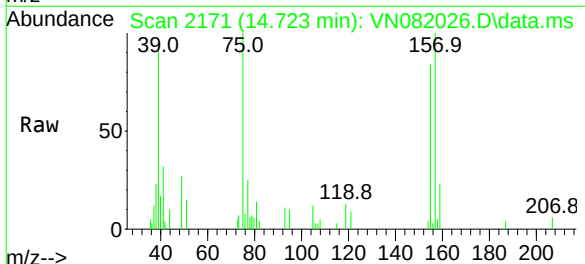
Manual Integrations
APPROVED

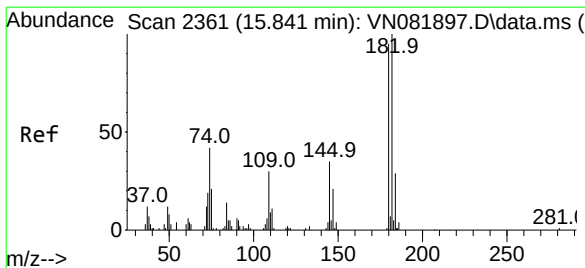
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.654 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	61.7	92.5
157	87.5	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 17.739 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

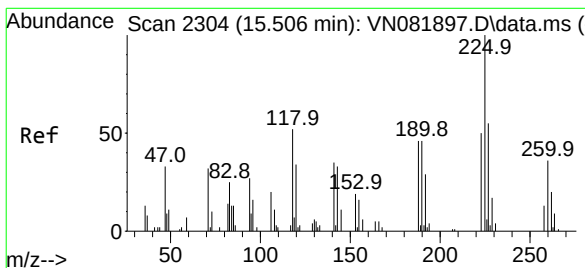
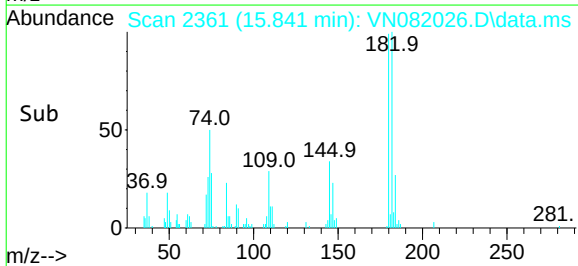
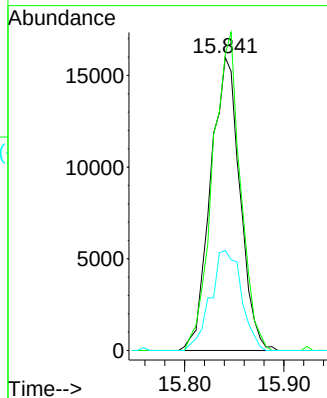
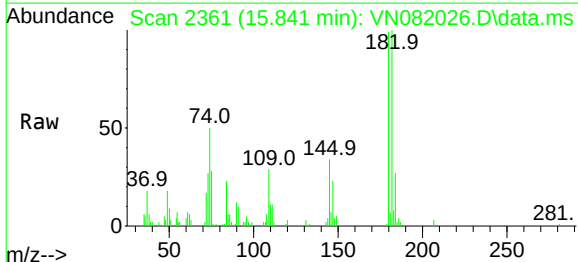
Tgt Ion:	180	Resp:	32833
Ion	Ratio	Lower	Upper
180	100		
182	102.5	76.4	114.6
145	35.9	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#90

Hexachlorobutadiene

Concen: 18.086 ug/l

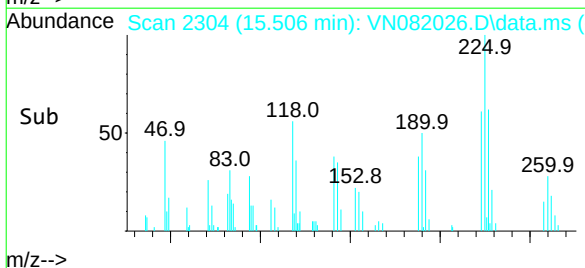
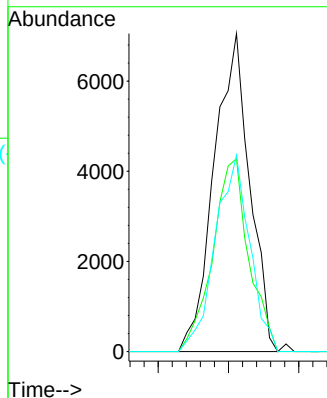
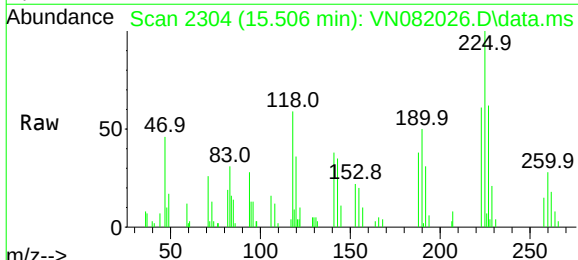
RT: 15.506 min Scan# 2304

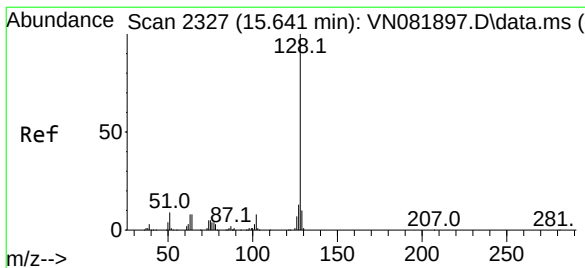
Delta R.T. -0.000 min

Lab File: VN082026.D

Acq: 08 May 2024 10:46

Tgt Ion:	225	Resp:	12398
Ion	Ratio	Lower	Upper
225	100		
223	61.4	0.0	126.6
227	59.9	0.0	126.6





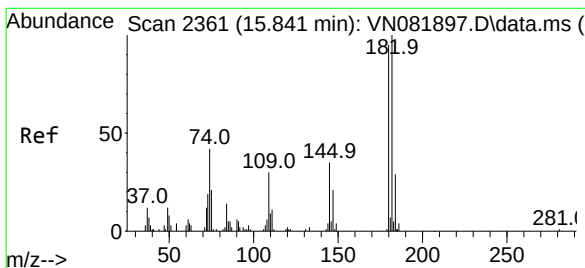
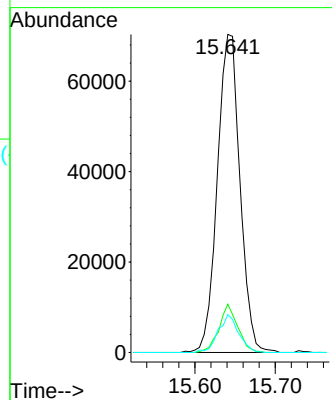
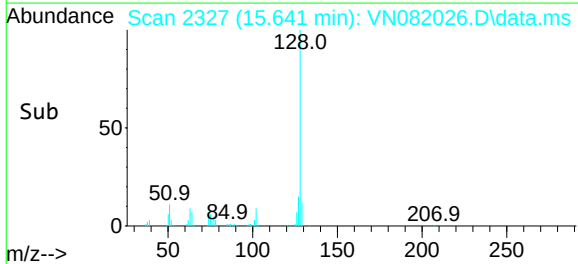
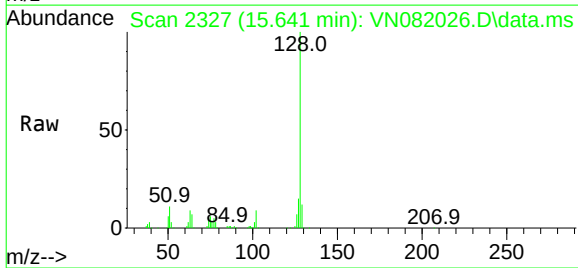
#91
Naphthalene
Concen: 19.587 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:128 Resp: 137820
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.739 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082026.D
Acq: 08 May 2024 10:46

Tgt Ion:180 Resp: 32833
Ion Ratio Lower Upper
180 100
182 102.5 0.0 191.0
145 35.9 0.0 71.0

