

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082608.D
 Acq On : 17 Jun 2024 14:56
 Operator : JC\MD
 Sample : VN0617WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:56:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	251598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	140766	53.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.480%	
35) Dibromofluoromethane	8.171	113	93899	50.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.800%	
50) Toluene-d8	10.571	98	362427	51.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	12.853	95	122598	50.477	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	44337	19.256	ug/l	99
3) Chloromethane	2.359	50	50744	18.384	ug/l	98
4) Vinyl Chloride	2.512	62	49557	18.866	ug/l	99
5) Bromomethane	2.953	94	31308	18.515	ug/l	98
6) Chloroethane	3.118	64	34059	18.183	ug/l	98
7) Trichlorofluoromethane	3.495	101	63291	18.469	ug/l	96
8) Diethyl Ether	3.959	74	23255	19.926	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	36559	19.046	ug/l	99
10) Methyl Iodide	4.589	142	34313	18.766	ug/l	98
11) Tert butyl alcohol	5.530	59	45338	104.781	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33492	18.246	ug/l	94
13) Acrolein	4.177	56	46836	106.258	ug/l	98
14) Allyl chloride	5.024	41	66505	18.525	ug/l	98
15) Acrylonitrile	5.724	53	120007	105.071	ug/l	99
16) Acetone	4.430	43	110682	92.054	ug/l	97
17) Carbon Disulfide	4.712	76	103173	17.699	ug/l	100
18) Methyl Acetate	5.030	43	60086	20.432	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	129869	20.669	ug/l	95
20) Methylene Chloride	5.283	84	44783	21.185	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	35244	18.066	ug/l	95
22) Diisopropyl ether	6.677	45	149283	19.828	ug/l	99
23) Vinyl Acetate	6.606	43	620988	104.014	ug/l	100
24) 1,1-Dichloroethane	6.571	63	77831	19.084	ug/l	97
25) 2-Butanone	7.488	43	177401	103.804	ug/l	99
26) 2,2-Dichloropropane	7.488	77	63344	17.904	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	44132	18.775	ug/l	99
28) Bromochloromethane	7.812	49	36487	19.604	ug/l	100
29) Tetrahydrofuran	7.841	42	114927	109.850	ug/l	99
30) Chloroform	7.971	83	77390	19.453	ug/l	98
31) Cyclohexane	8.253	56	69963	18.337	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	67992	18.847	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53691	19.280	ug/l	99
37) Ethyl Acetate	7.565	43	68605	19.340	ug/l	99
38) Carbon Tetrachloride	8.365	117	58792	18.733	ug/l	96
39) Methylcyclohexane	9.600	83	54650	18.647	ug/l	97
40) Benzene	8.606	78	166013	19.293	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	39180	21.607	ug/l	97
42) 1,2-Dichloroethane	8.671	62	66389	20.284	ug/l	98
43) Isopropyl Acetate	8.688	43	121179	18.279	ug/l	99
44) Trichloroethene	9.353	130	37176	18.606	ug/l	98
45) 1,2-Dichloropropane	9.624	63	43806	19.778	ug/l	99
46) Dibromomethane	9.712	93	30426	20.265	ug/l	99
47) Bromodichloromethane	9.888	83	62334	19.474	ug/l	97
48) Methyl methacrylate	9.682	41	55859	20.439	ug/l	99
49) 1,4-Dioxane	9.700	88	18513	433.075	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	366435	107.765	ug/l	100
52) Toluene	10.635	92	102664	19.687	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65813	20.112	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	68896	20.360	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	38303	20.294	ug/l	97
56) Ethyl methacrylate	10.876	69	64631	20.675	ug/l	99
57) 1,3-Dichloropropane	11.165	76	70708	20.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	175931	106.387	ug/l	99
59) 2-Hexanone	11.200	43	275100	106.447	ug/l	100
60) Dibromochloromethane	11.365	129	45525	19.759	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39692	19.946	ug/l	96
64) Tetrachloroethene	11.106	164	37744	18.194	ug/l	99
65) Chlorobenzene	11.894	112	109436	18.968	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	39503	19.201	ug/l	100
67) Ethyl Benzene	11.965	91	184692	18.787	ug/l	98
68) m/p-Xylenes	12.070	106	142466	38.953	ug/l	96
69) o-Xylene	12.400	106	65560	19.080	ug/l	98
70) Styrene	12.412	104	114705	19.668	ug/l	100
71) Bromoform	12.582	173	31045	19.087	ug/l #	99
73) Isopropylbenzene	12.700	105	169216	18.838	ug/l	99
74) N-amyl acetate	12.494	43	93866	19.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	57125	19.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55428m	19.157	ug/l	
77) Bromobenzene	12.982	156	42692	18.464	ug/l	97
78) n-propylbenzene	13.035	91	205448	19.335	ug/l	99
79) 2-Chlorotoluene	13.129	91	127079	19.071	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	144038	19.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	22099	18.273	ug/l	98
82) 4-Chlorotoluene	13.223	91	126004	18.930	ug/l	100
83) tert-Butylbenzene	13.441	119	117097	18.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	143520	19.626	ug/l	100
85) sec-Butylbenzene	13.617	105	165805	18.801	ug/l	99
86) p-Isopropyltoluene	13.729	119	139798	19.685	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	77552	18.499	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78681	17.956	ug/l	98
89) n-Butylbenzene	14.059	91	116044	18.422	ug/l	100
90) Hexachloroethane	14.335	117	28265	18.293	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	77404	18.909	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13207	21.298	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38454	17.815	ug/l	97
94) Hexachlorobutadiene	15.500	225	17564	16.504	ug/l	99
95) Naphthalene	15.641	128	128540	19.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	40218	18.283	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0617WBSD01

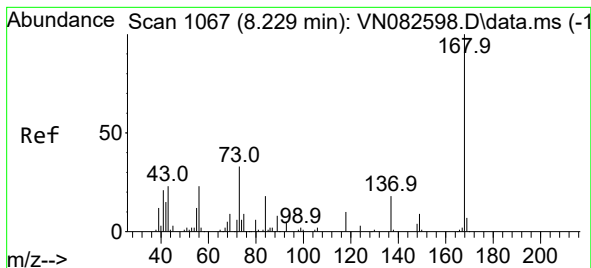
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:56:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1067

Delta R.T. -0.005 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tgt Ion:168 Resp: 164862

Ion Ratio Lower Upper

168 100

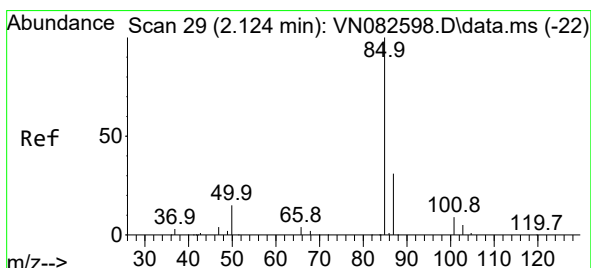
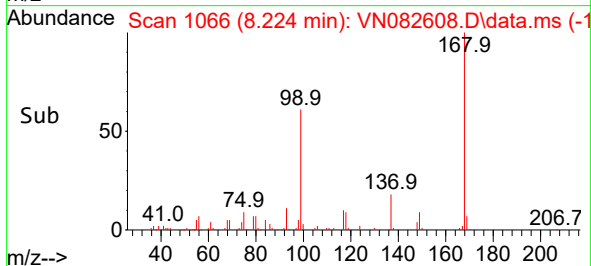
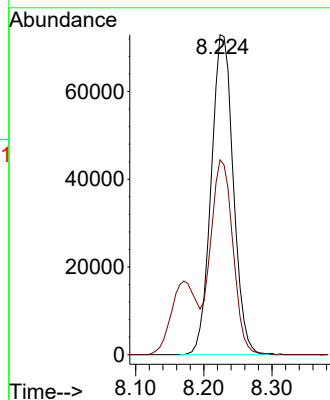
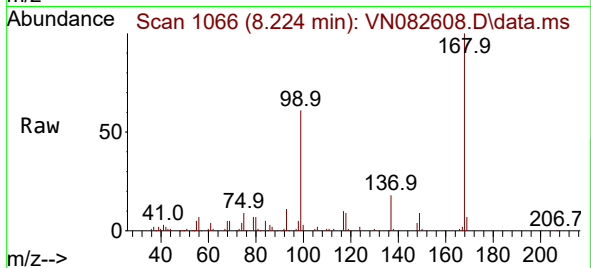
99 60.6 48.2 72.4

Manual Integrations

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Supervised By :Mahesh Dadoda 06/18/2024



#2

Dichlorodifluoromethane

Concen: 19.256 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082608.D

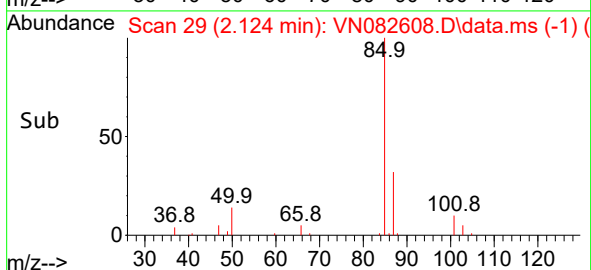
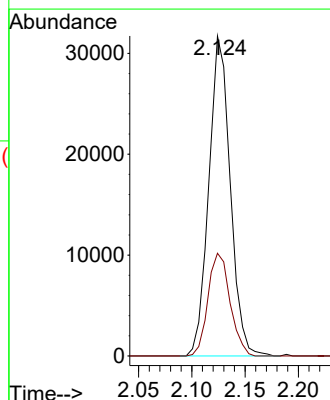
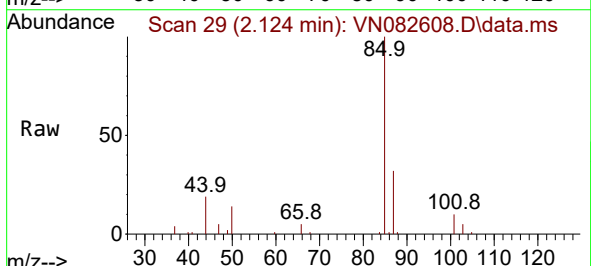
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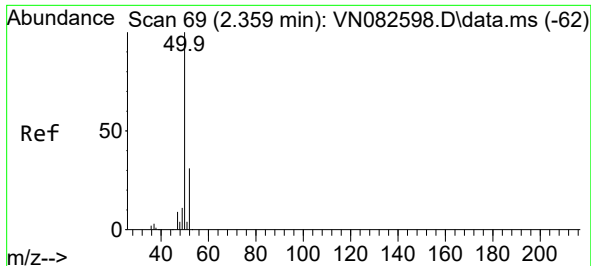
Tgt Ion: 85 Resp: 44337

Ion Ratio Lower Upper

85 100

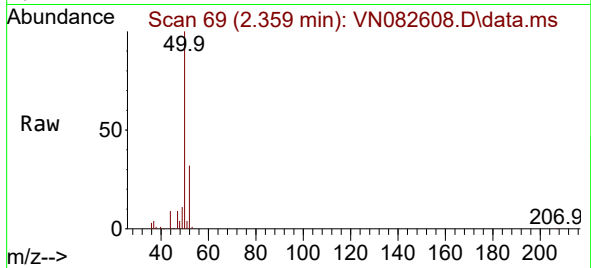
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 18.384 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

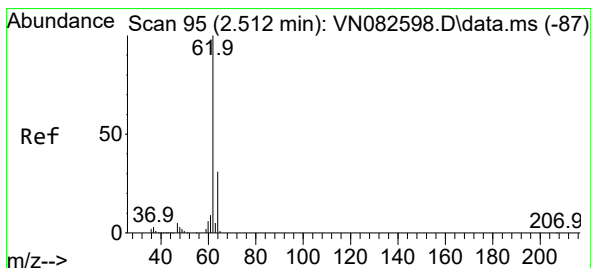
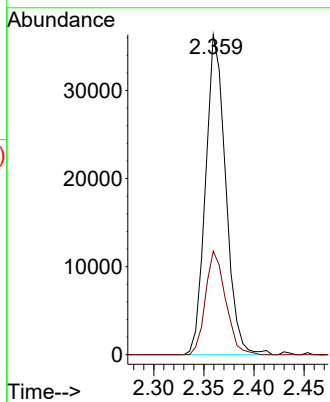
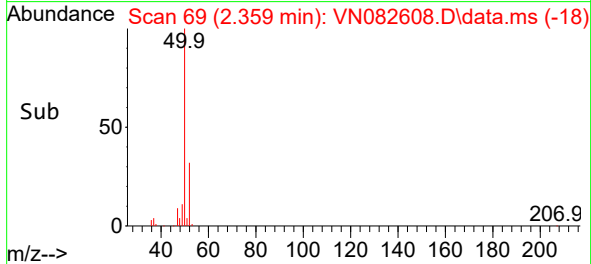
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 50 Resp: 50744
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4

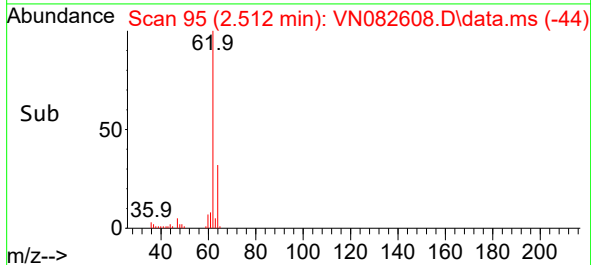
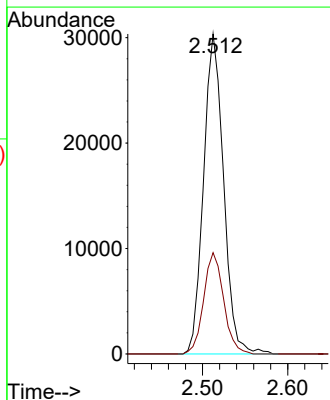
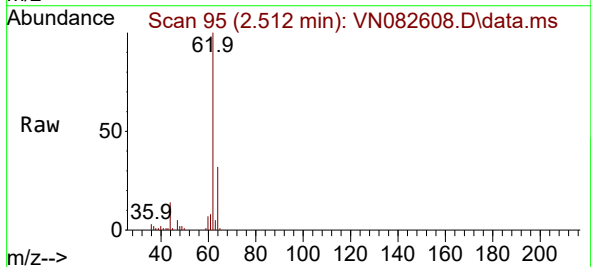
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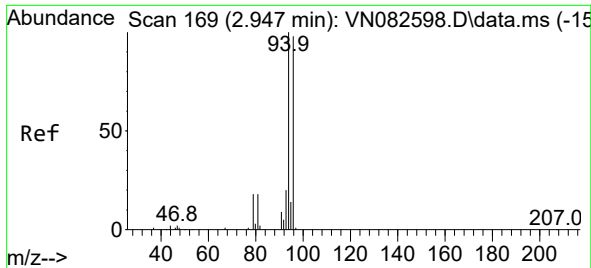
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#4
Vinyl Chloride
Concen: 18.866 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

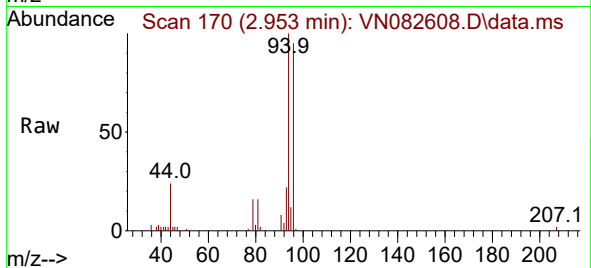
Tgt Ion: 62 Resp: 49557
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6





#5
Bromomethane
Concen: 18.515 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

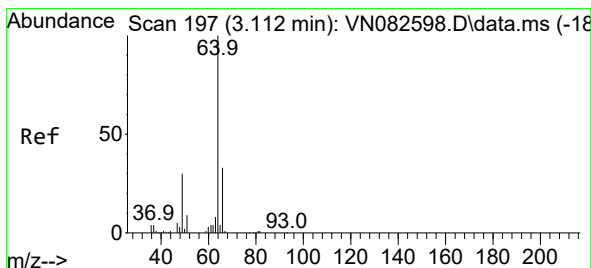
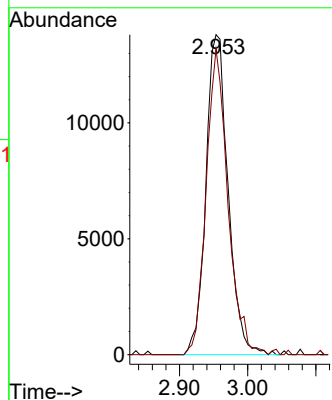
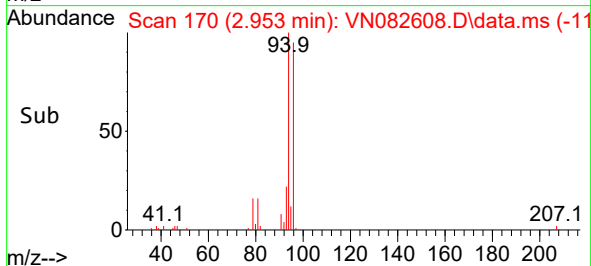
Instrument :
MSVOA_N
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VN0617WBSD01



Tgt Ion: 94 Resp: 31308
Ion Ratio Lower Upper
94 100
96 95.4 78.0 117.0

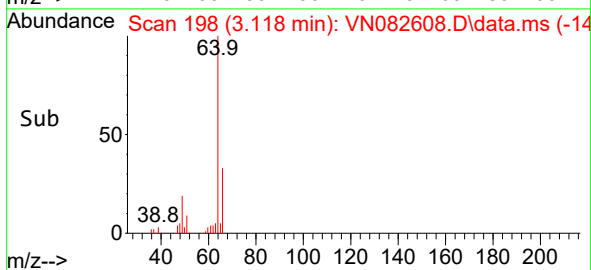
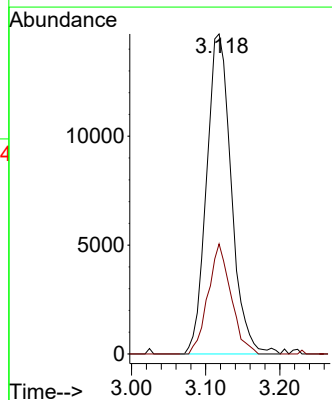
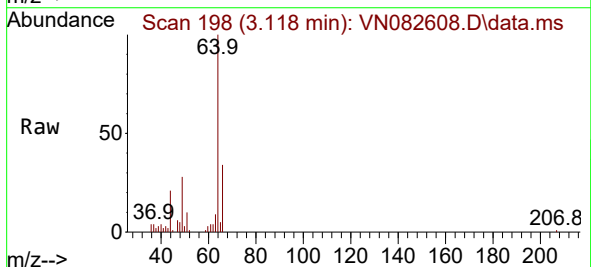
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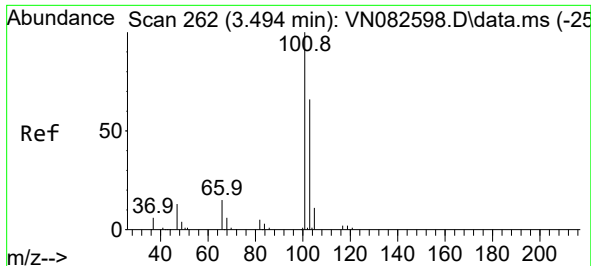
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#6
Chloroethane
Concen: 18.183 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion: 64 Resp: 34059
Ion Ratio Lower Upper
64 100
66 34.4 26.6 40.0





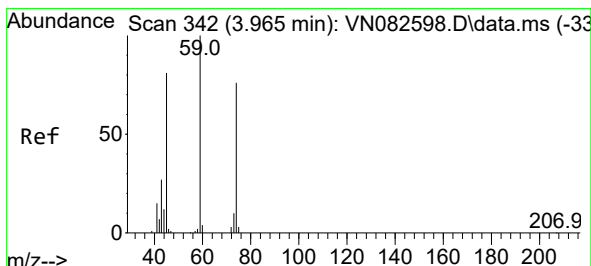
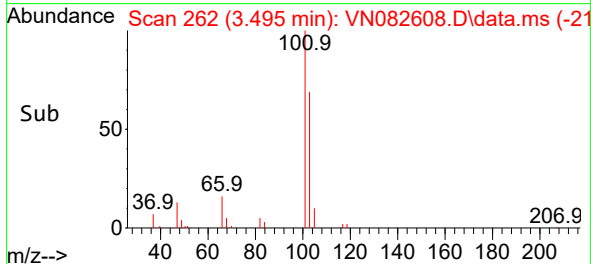
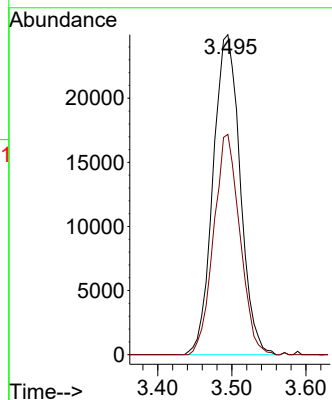
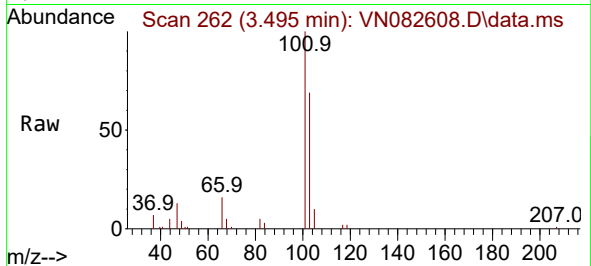
#7
 Trichlorofluoromethane
 Concen: 18.469 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tgt Ion:101 Resp: 6329
 Ion Ratio Lower Upper
 101 100
 103 68.8 52.7 79.1

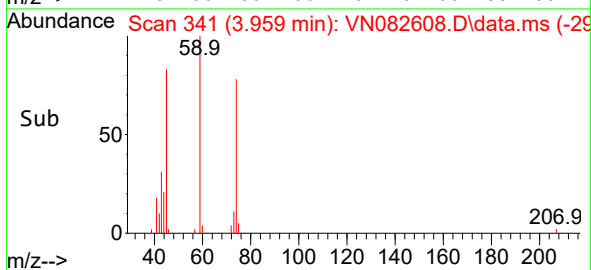
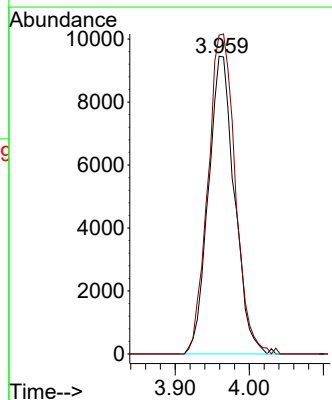
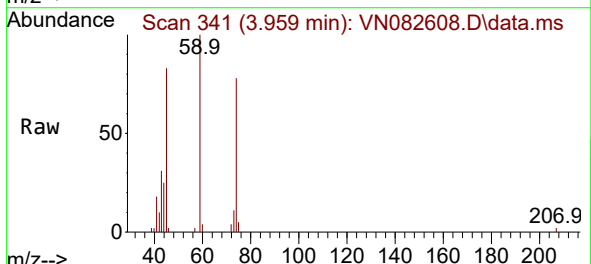
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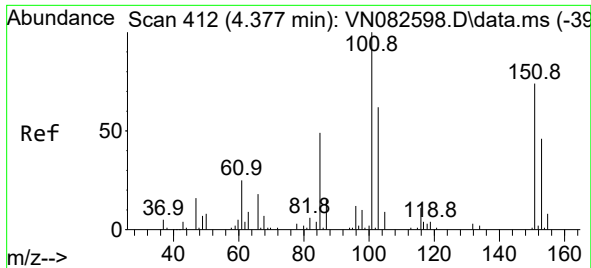
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#8
 Diethyl Ether
 Concen: 19.926 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

Tgt Ion: 74 Resp: 23255
 Ion Ratio Lower Upper
 74 100
 45 112.3 55.5 166.3





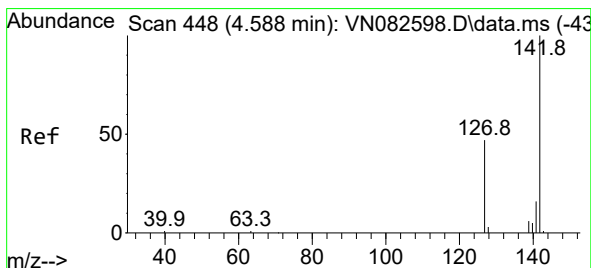
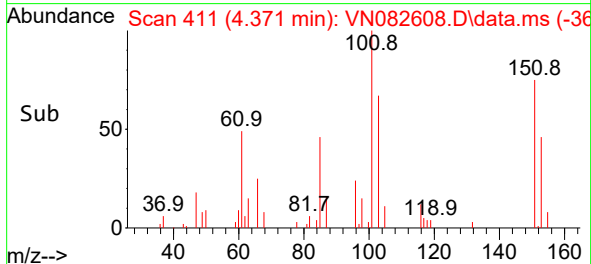
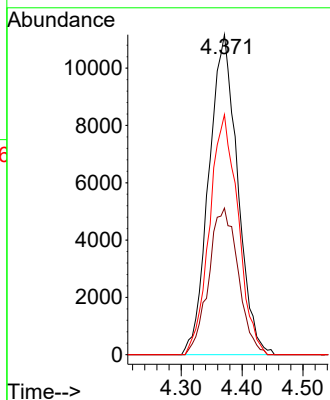
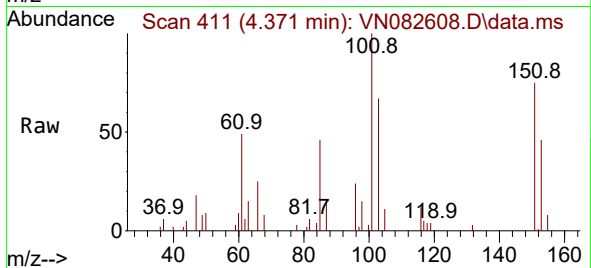
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1,1,2-Trichlorotrifluoroethane
Concen: 19.046 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion:101 Resp: 3655
Ion Ratio Lower Upper
101 100
85 47.0 38.3 57.5
151 74.5 59.3 88.9

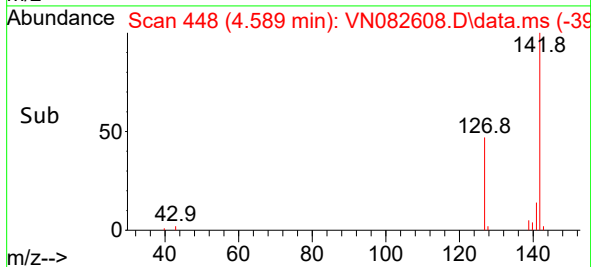
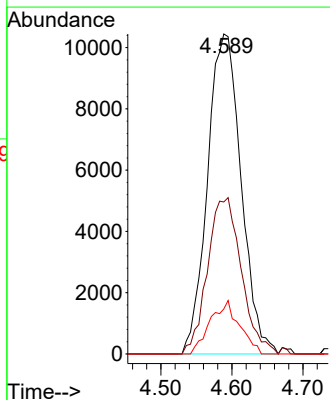
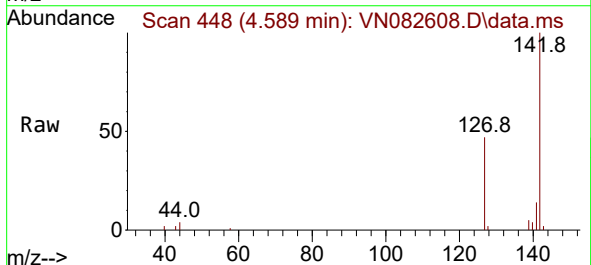
Manual Integrations
APPROVED

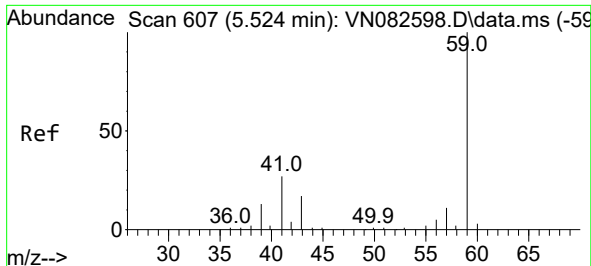
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#10
Methyl Iodide
Concen: 18.766 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion:142 Resp: 34313
Ion Ratio Lower Upper
142 100
127 47.5 37.5 56.3
141 14.1 13.1 19.7





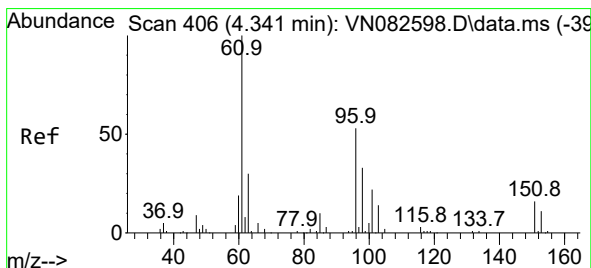
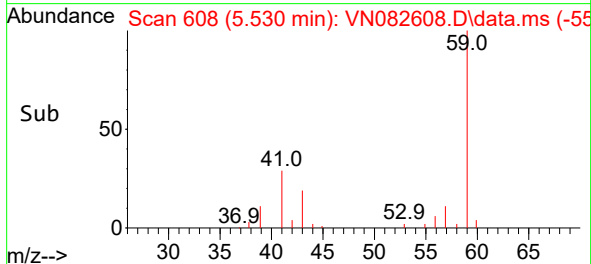
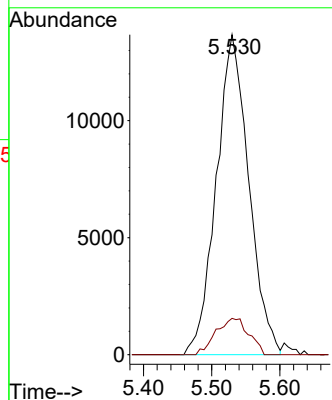
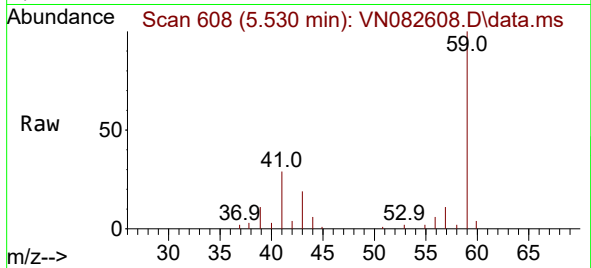
#11
Tert butyl alcohol
Concen: 104.781 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion: 59 Resp: 45338
Ion Ratio Lower Upper
59 100
57 11.4 8.9 13.3

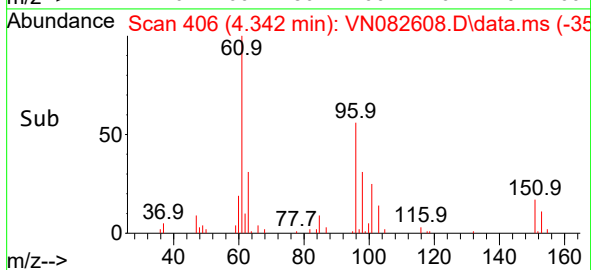
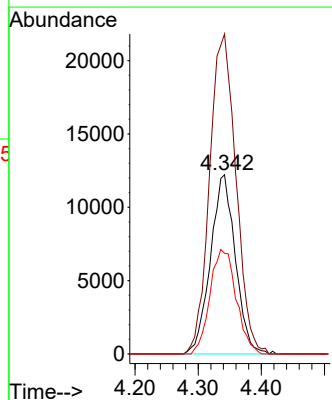
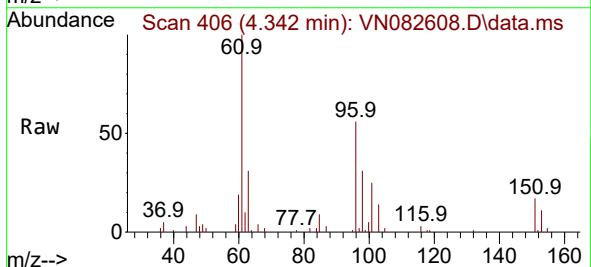
Manual Integrations
APPROVED

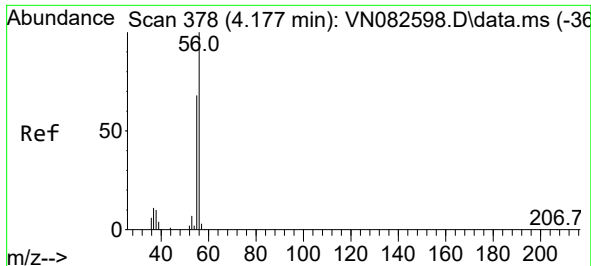
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#12
1,1-Dichloroethene
Concen: 18.246 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

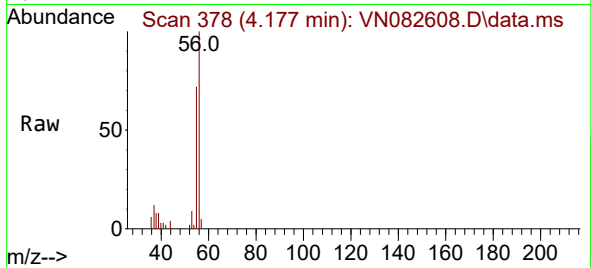
Tgt Ion: 96 Resp: 33492
Ion Ratio Lower Upper
96 100
61 178.6 149.7 224.5
98 56.2 50.1 75.1





#13
Acrolein
Concen: 106.258 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

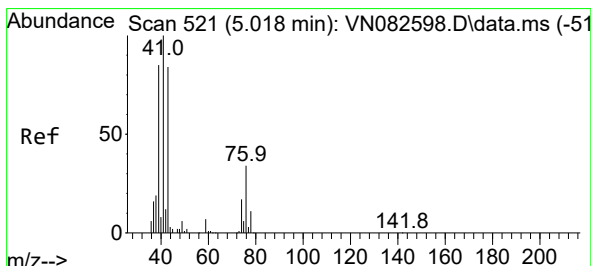
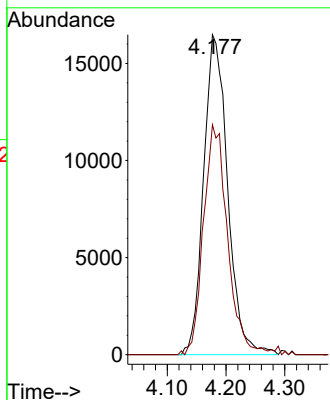
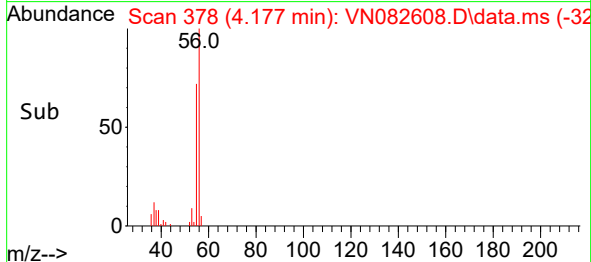
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 56 Resp: 46830
Ion Ratio Lower Upper
56 100
55 71.9 56.4 84.6

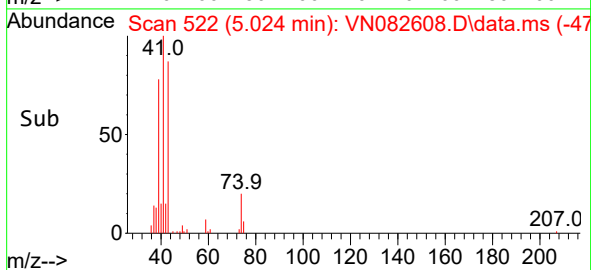
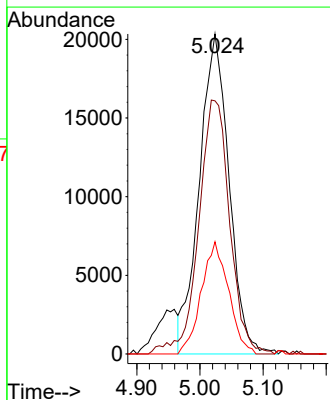
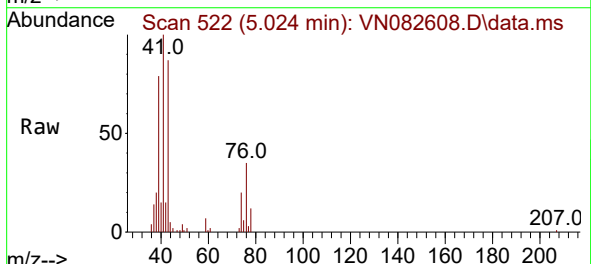
Manual Integrations
APPROVED

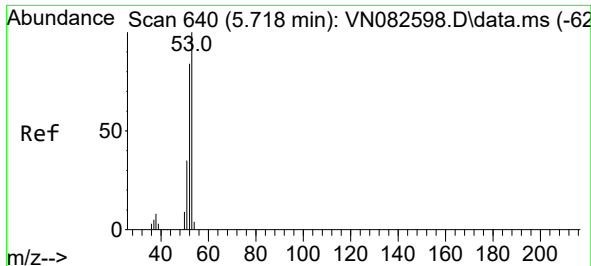
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#14
Allyl chloride
Concen: 18.525 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

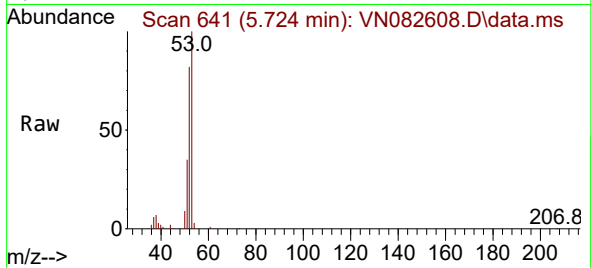
Tgt Ion: 41 Resp: 66505
Ion Ratio Lower Upper
41 100
39 82.7 67.8 101.6
76 32.1 25.8 38.8





#15
Acrylonitrile
Concen: 105.071 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

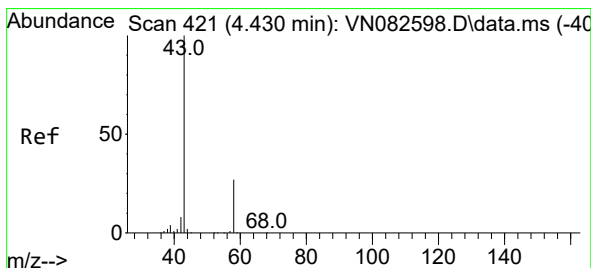
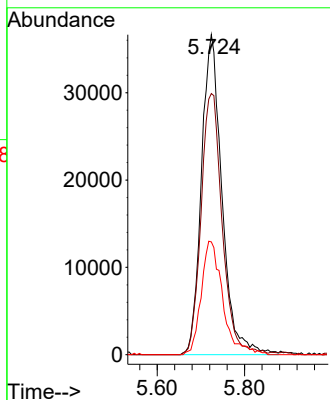
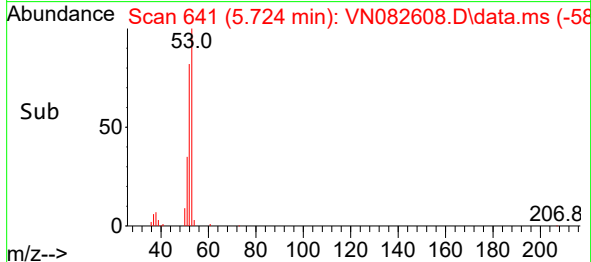
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 53 Resp: 12000
Ion Ratio Lower Upper
53 100
52 84.0 66.6 100.0
51 37.2 30.1 45.1

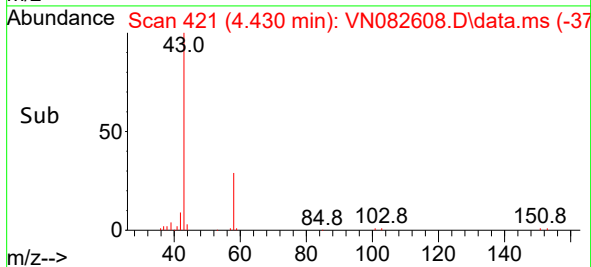
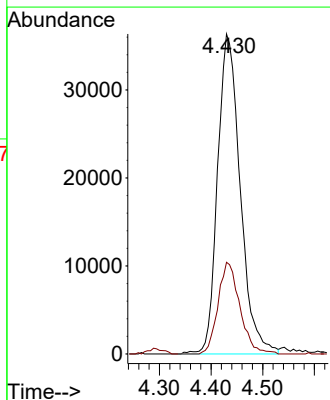
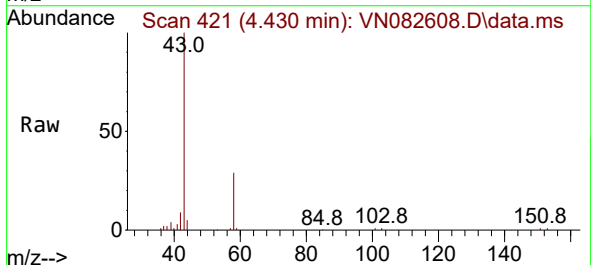
Manual Integrations
APPROVED

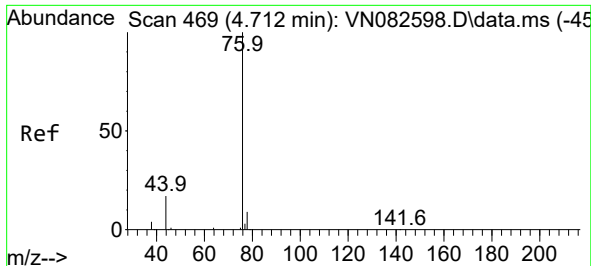
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#16
Acetone
Concen: 92.054 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion: 43 Resp: 110682
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.6





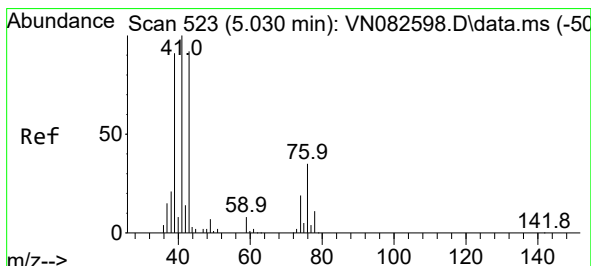
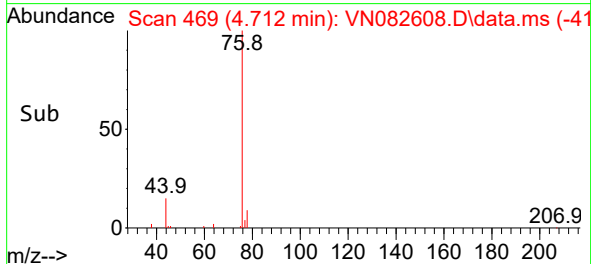
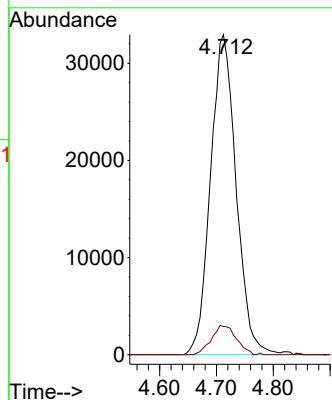
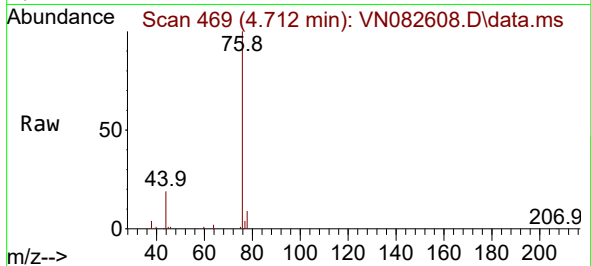
#17
Carbon Disulfide
Concen: 17.699 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion: 76 Resp: 10317
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

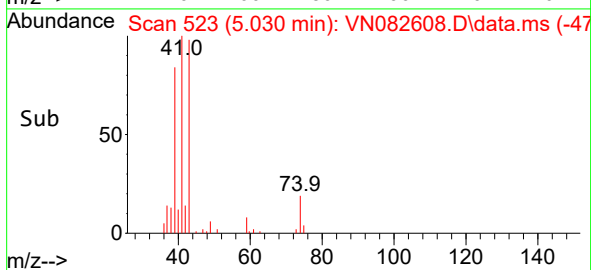
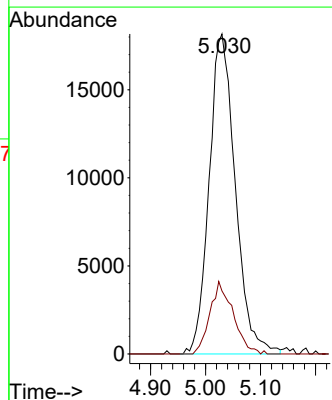
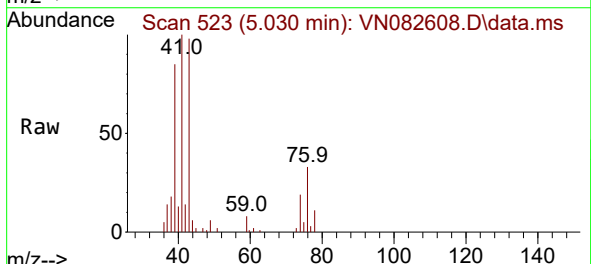
Manual Integrations
APPROVED

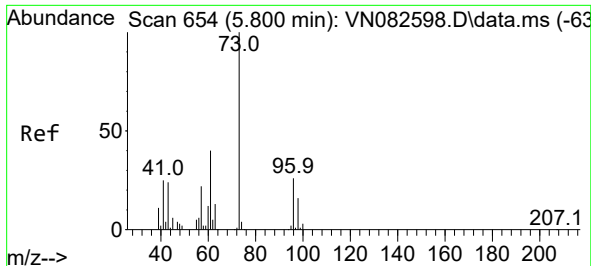
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#18
Methyl Acetate
Concen: 20.432 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

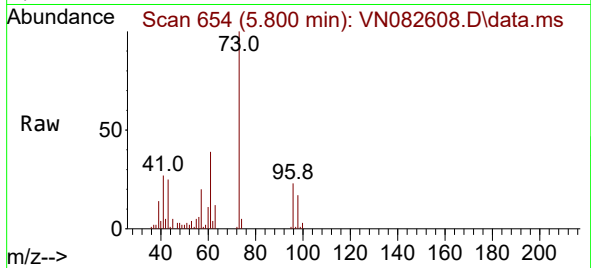
Tgt Ion: 43 Resp: 60086
Ion Ratio Lower Upper
43 100
74 20.2 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 20.669 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

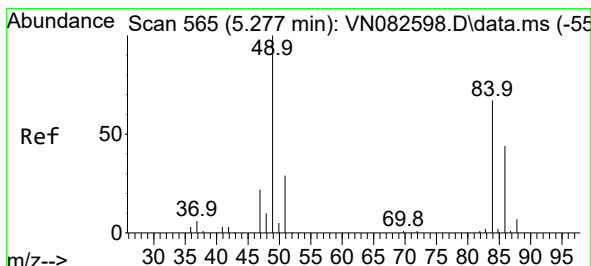
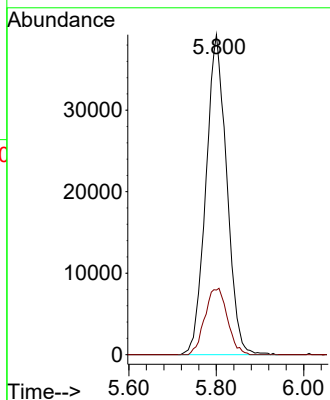
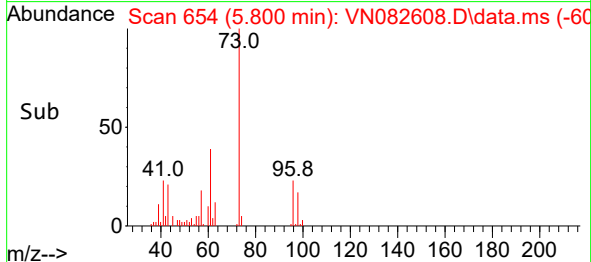
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 73 Resp: 129869
Ion Ratio Lower Upper
73 100
57 20.2 17.9 26.9

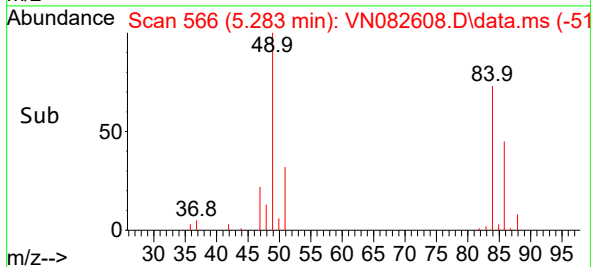
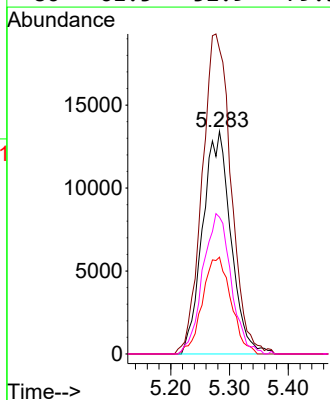
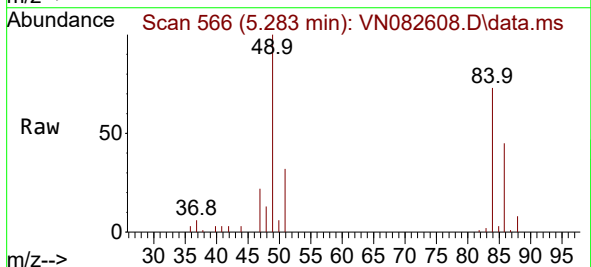
Manual Integrations
APPROVED

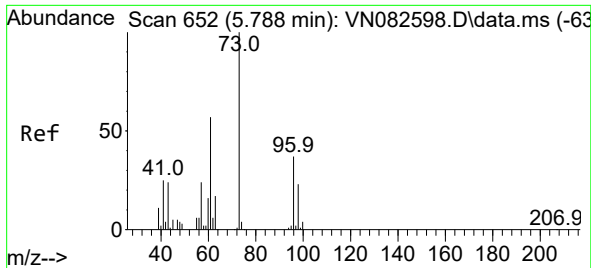
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#20
Methylene Chloride
Concen: 21.185 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

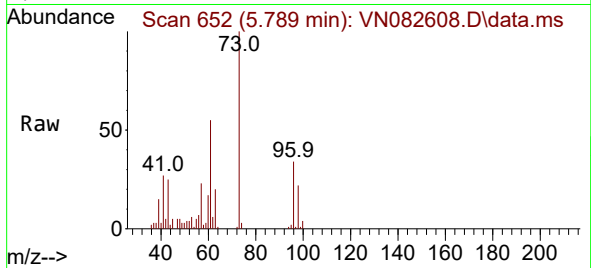
Tgt Ion: 84 Resp: 44783
Ion Ratio Lower Upper
84 100
49 136.9 119.6 179.4
51 43.5 34.8 52.2
86 61.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.066 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

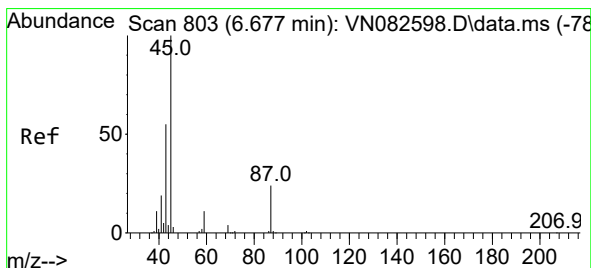
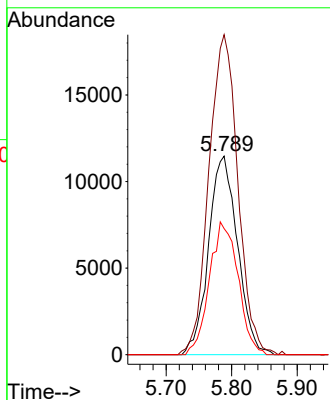
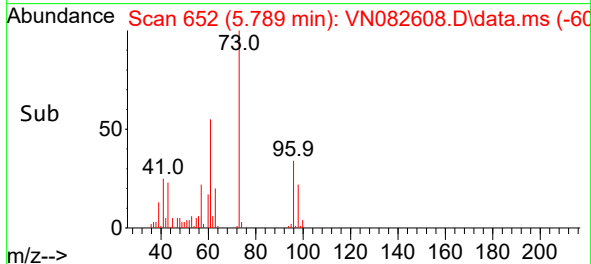
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



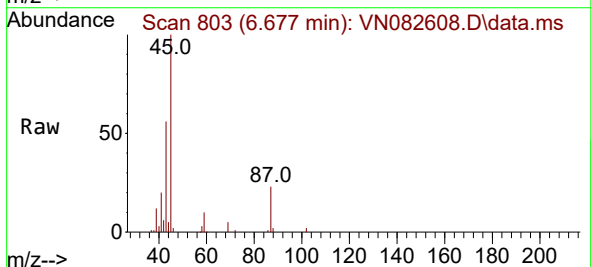
Tgt Ion: 96 Resp: 35244
Ion Ratio Lower Upper
96 100
61 161.2 123.4 185.2
98 63.5 49.3 73.9

Manual Integrations
APPROVED

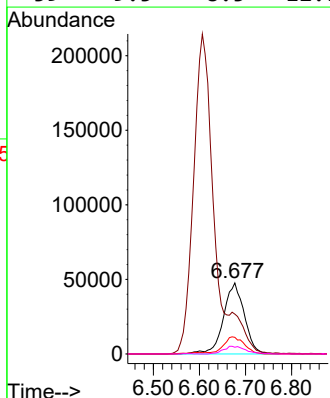
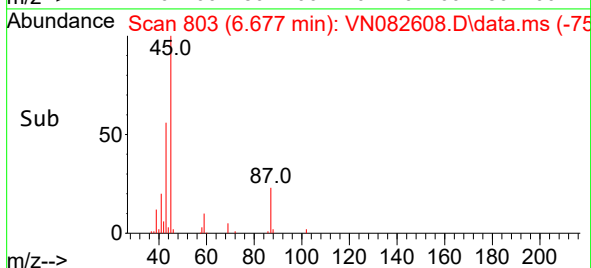
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

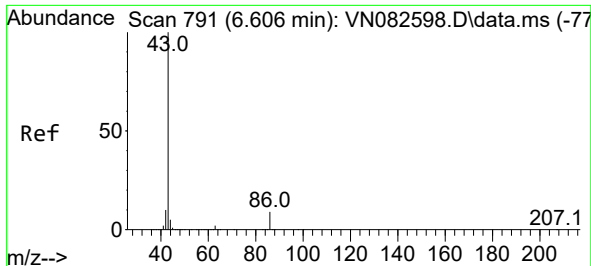


#22
Diisopropyl ether
Concen: 19.828 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



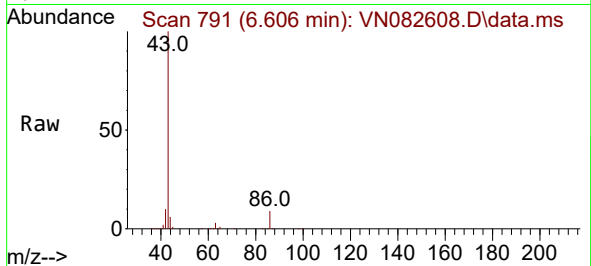
Tgt Ion: 45 Resp: 149283
Ion Ratio Lower Upper
45 100
43 54.8 44.0 66.0
87 23.5 19.7 29.5
59 9.5 8.5 12.7





#23
 Vinyl Acetate
 Concen: 104.014 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

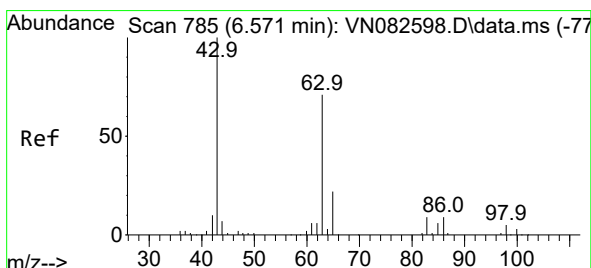
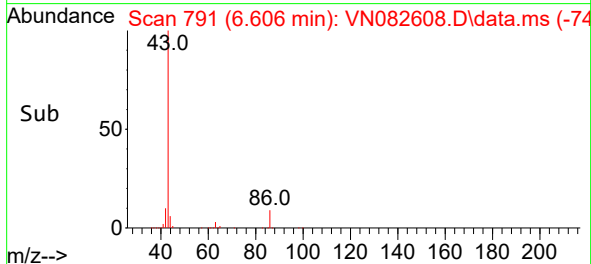
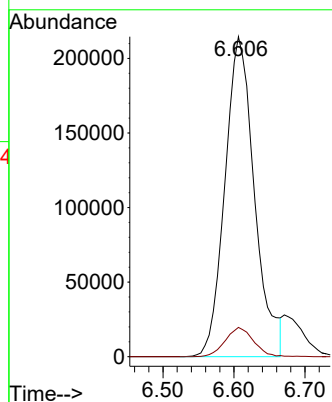
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01



Tgt Ion: 43 Resp: 620988
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.3 10.9

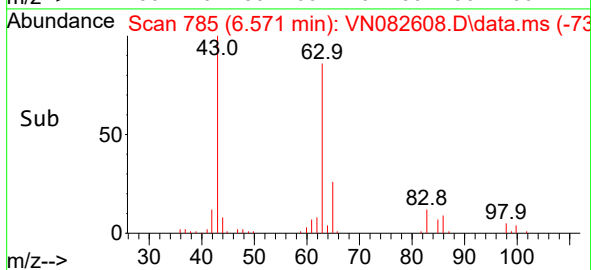
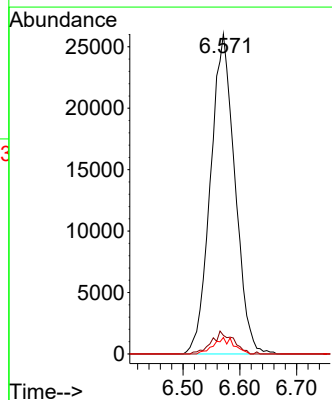
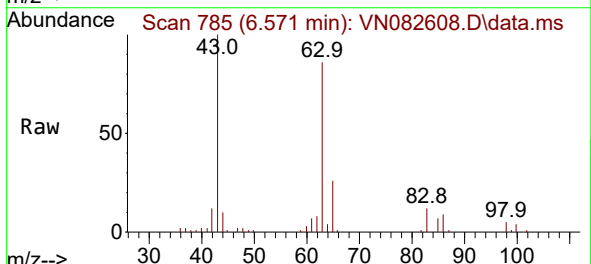
Manual Integrations
 APPROVED

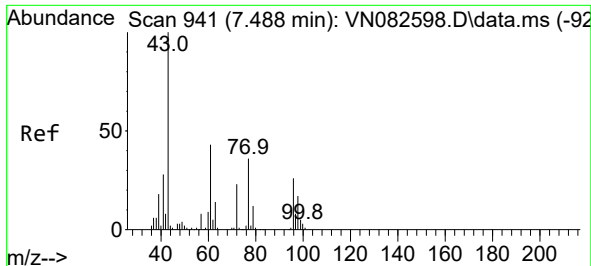
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#24
 1,1-Dichloroethane
 Concen: 19.084 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

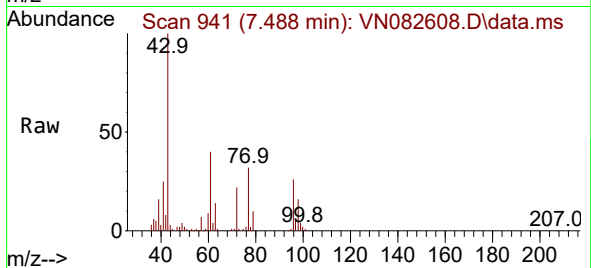
Tgt Ion: 63 Resp: 77831
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 5.1 2.0 6.0





#25
2-Butanone
Concen: 103.804 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

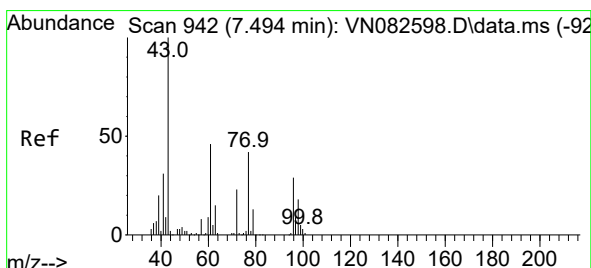
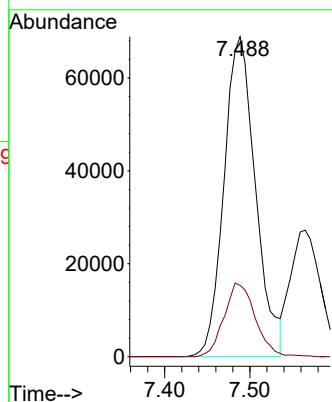
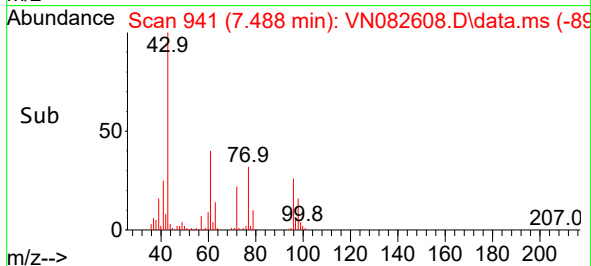
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



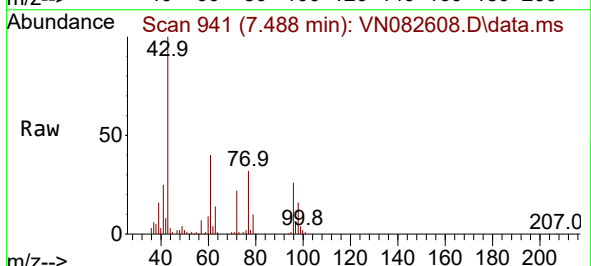
Tgt Ion: 43 Resp: 17740
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.2

Manual Integrations
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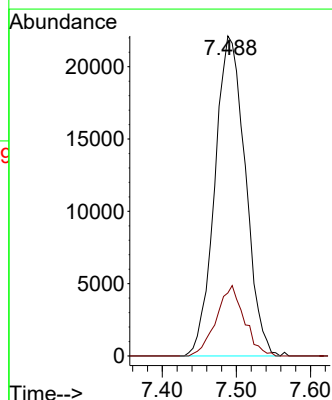
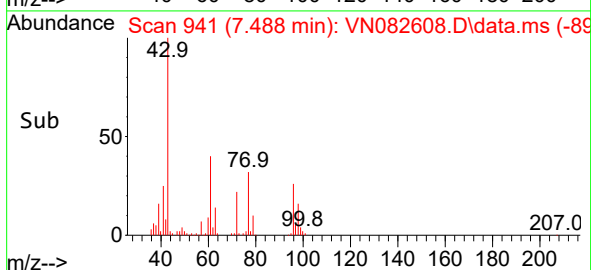
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

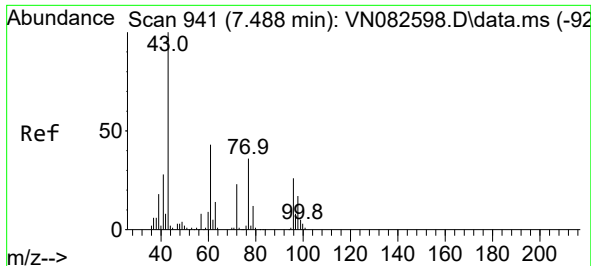


#26
2,2-Dichloropropane
Concen: 17.904 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



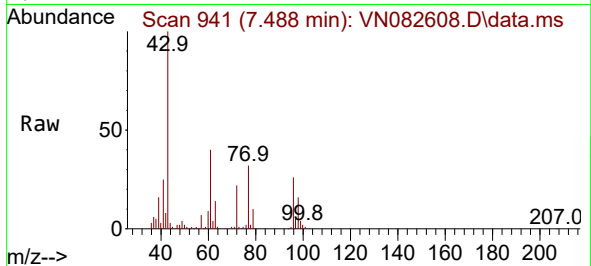
Tgt Ion: 77 Resp: 63344
Ion Ratio Lower Upper
77 100
97 20.2 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.775 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

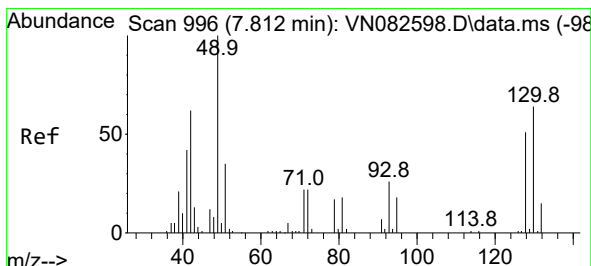
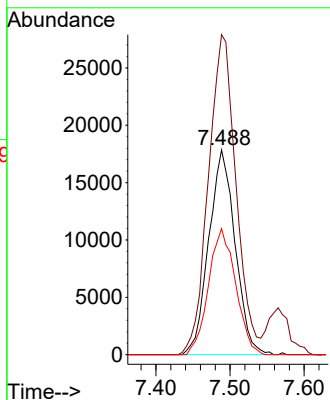
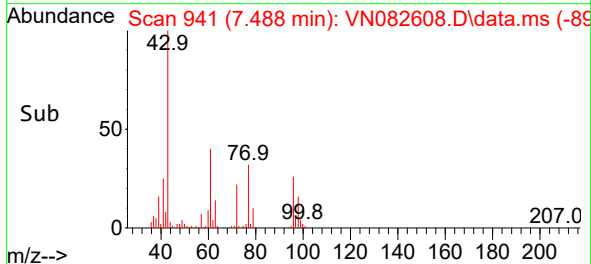
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01



Tgt Ion: 96 Resp: 44132
 Ion Ratio Lower Upper
 96 100
 61 163.7 0.0 329.6
 98 63.3 0.0 128.6

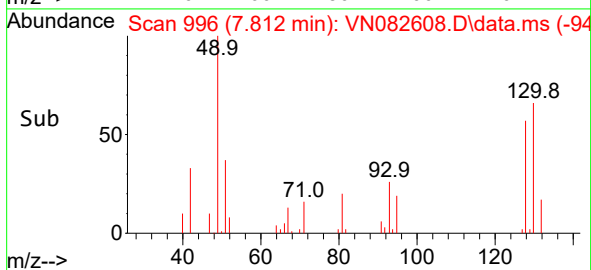
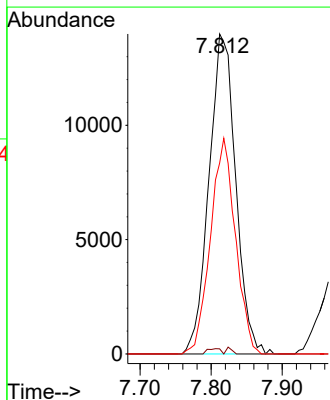
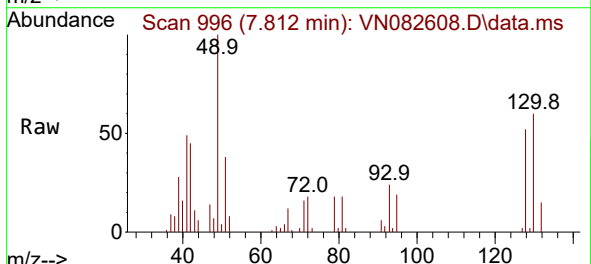
Manual Integrations
 APPROVED

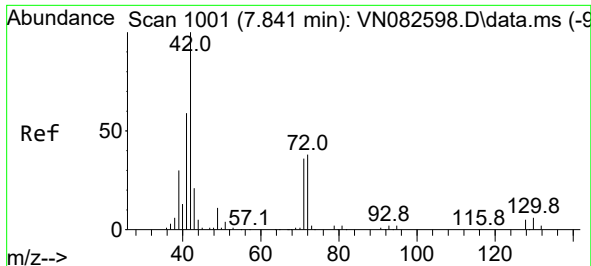
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#28
 Bromochloromethane
 Concen: 19.604 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

Tgt Ion: 49 Resp: 36487
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 3.8
 130 63.2 50.5 75.7





#29

Tetrahydrofuran

Concen: 109.850 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082608.D

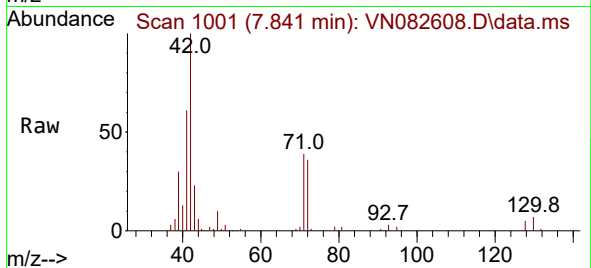
Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01



Tgt Ion: 42 Resp: 11492

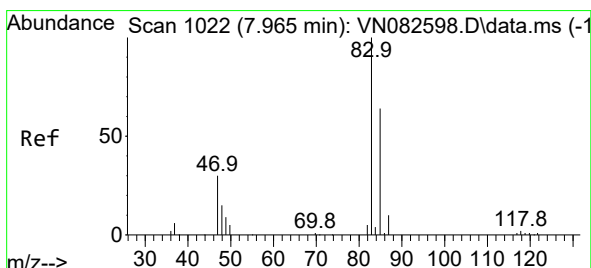
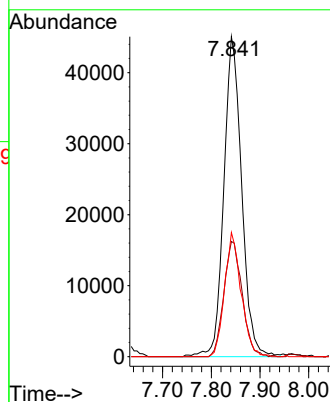
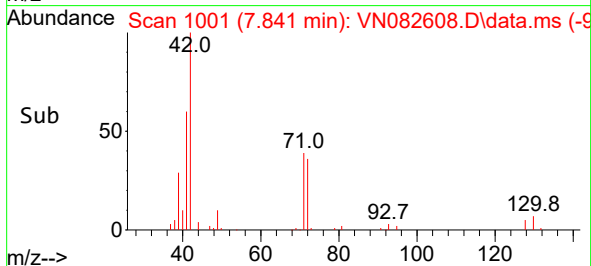
Ion	Ratio	Lower	Upper
42	100		
72	36.8	30.0	45.0
71	36.1	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#30

Chloroform

Concen: 19.453 ug/l

RT: 7.971 min Scan# 1023

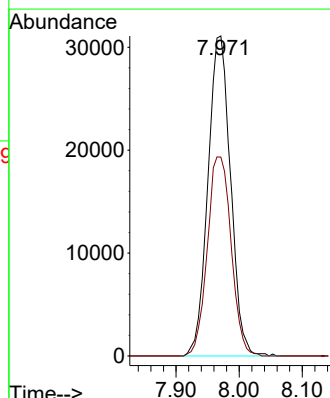
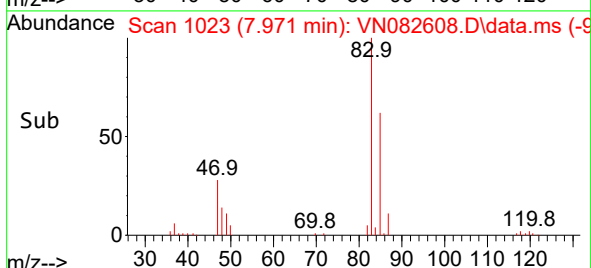
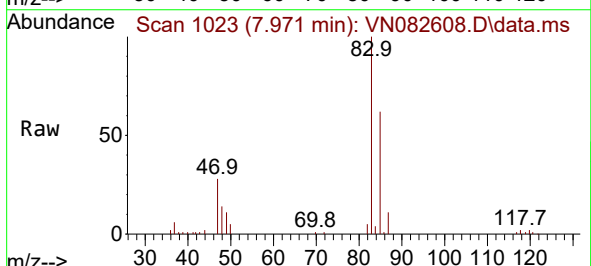
Delta R.T. 0.006 min

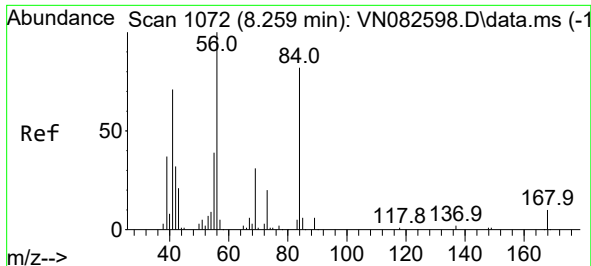
Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Tgt Ion: 83 Resp: 77390

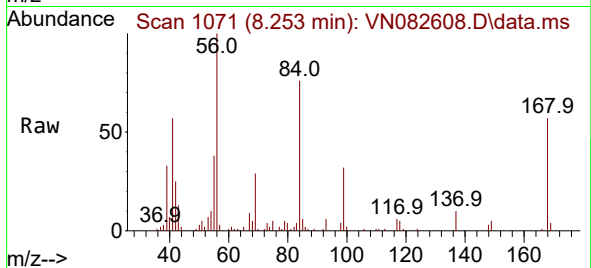
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.9	76.3





#31
Cyclohexane
Concen: 18.337 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

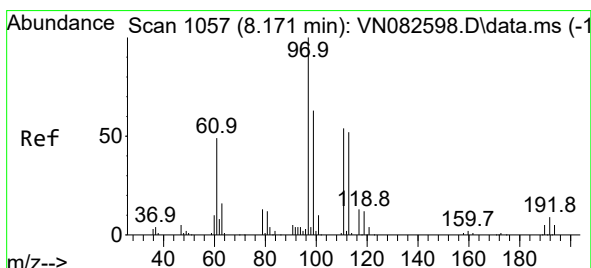
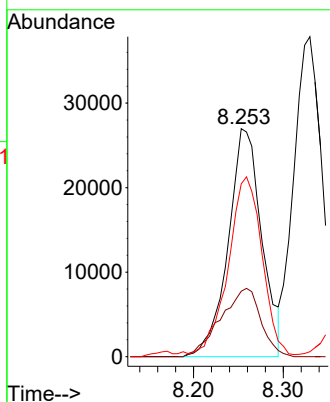
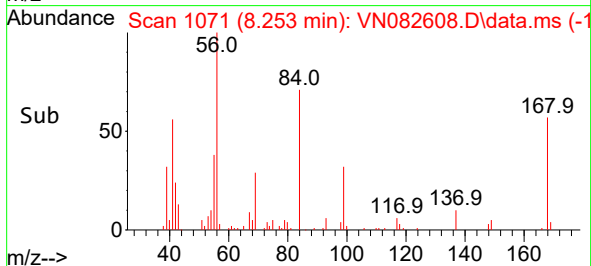
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 56 Resp: 6996
Ion Ratio Lower Upper
56 100
69 28.7 24.5 36.7
84 74.4 66.0 99.0

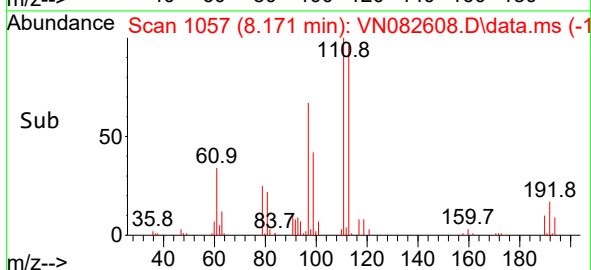
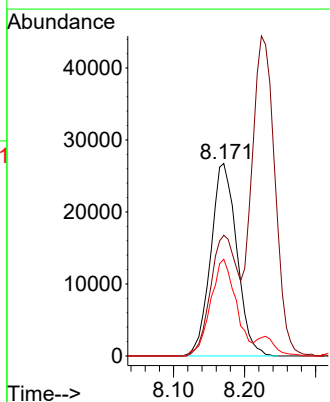
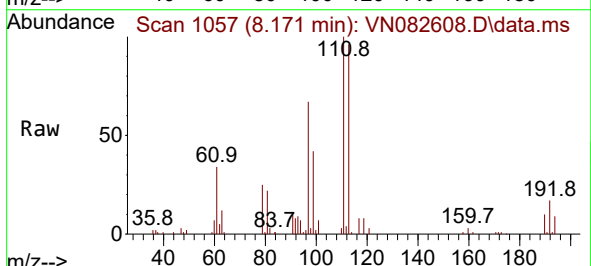
Manual Integrations
APPROVED

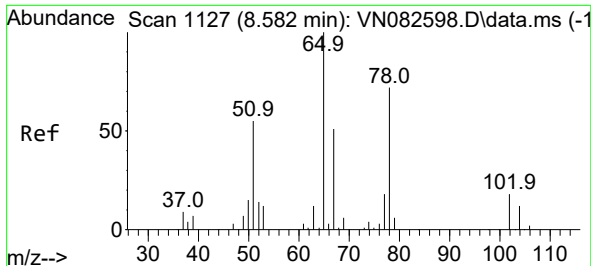
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#32
1,1,1-Trichloroethane
Concen: 18.847 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion: 97 Resp: 67992
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 49.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 53.244 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tgt Ion: 65 Resp: 140760

Ion Ratio Lower Upper

65 100

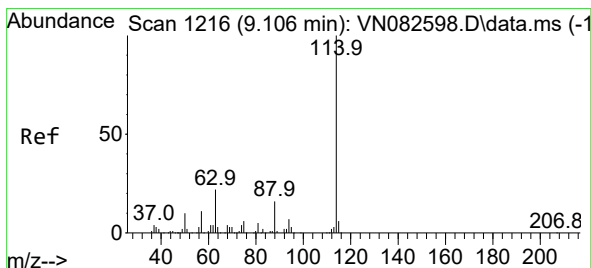
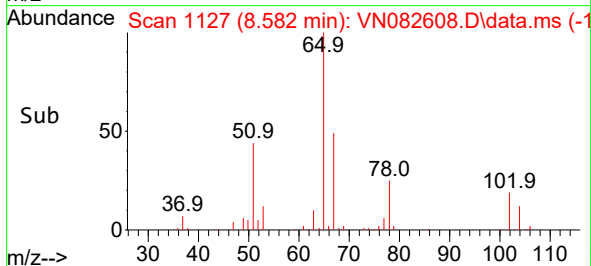
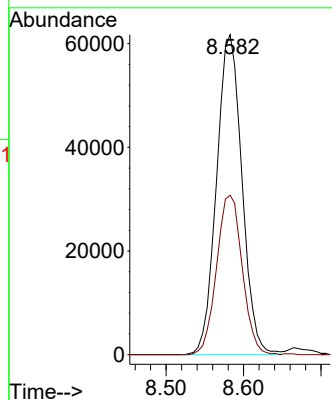
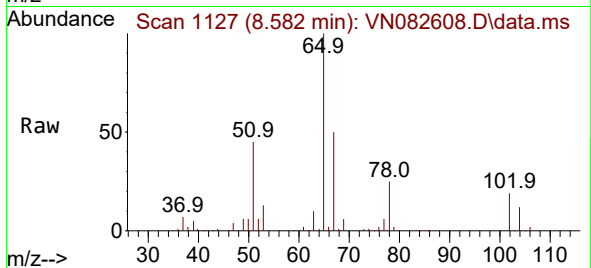
67 50.3 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

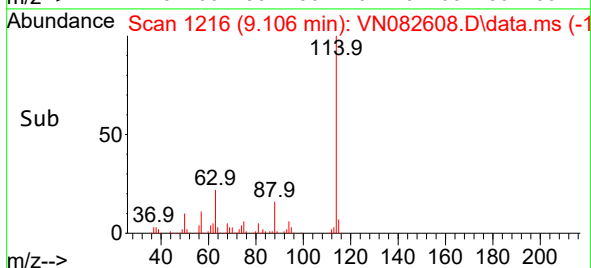
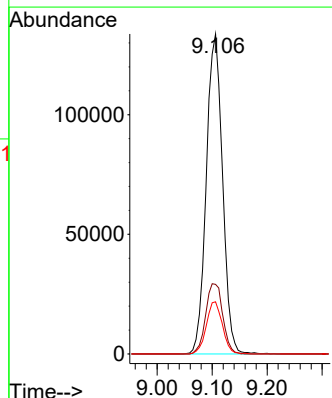
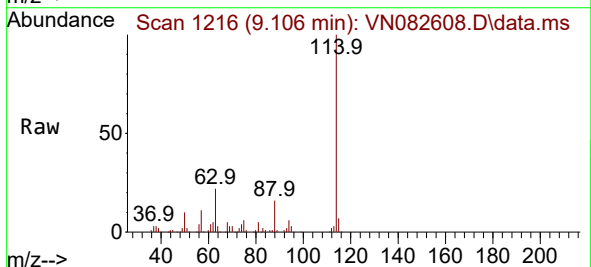
Tgt Ion:114 Resp: 274605

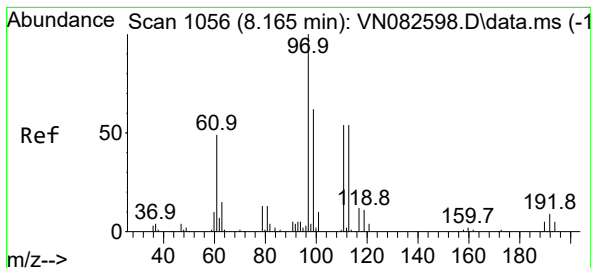
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.405 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tgt Ion:113 Resp: 9389

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

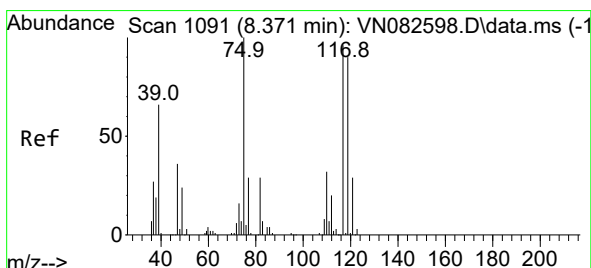
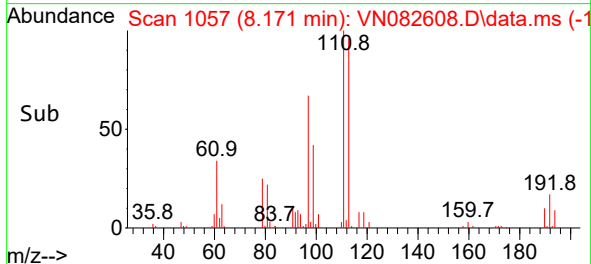
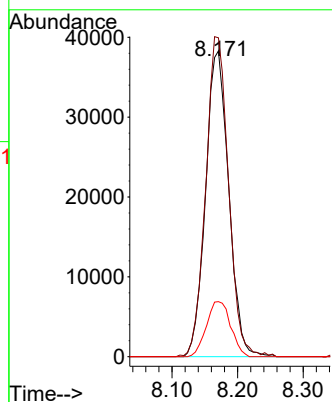
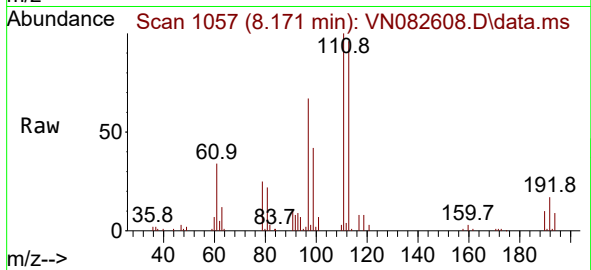
192 18.9 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#36

1,1-Dichloropropene

Concen: 19.280 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

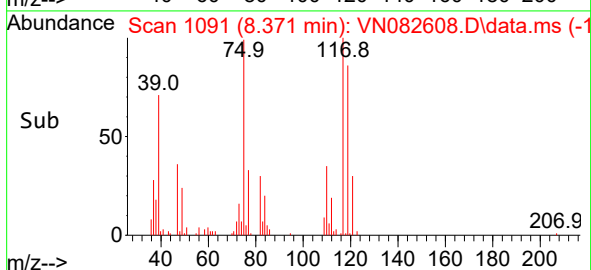
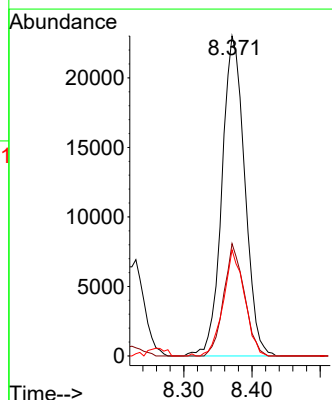
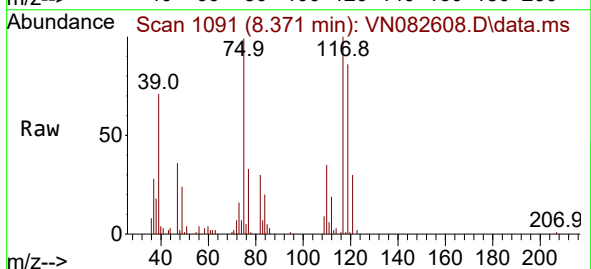
Tgt Ion: 75 Resp: 53691

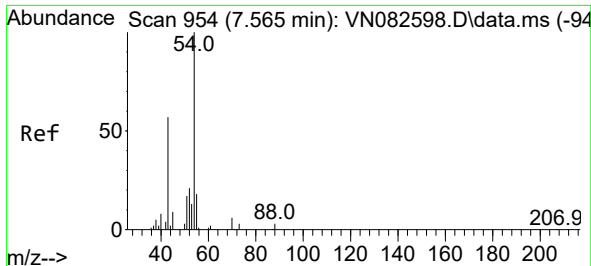
Ion Ratio Lower Upper

75 100

110 31.6 16.3 48.9

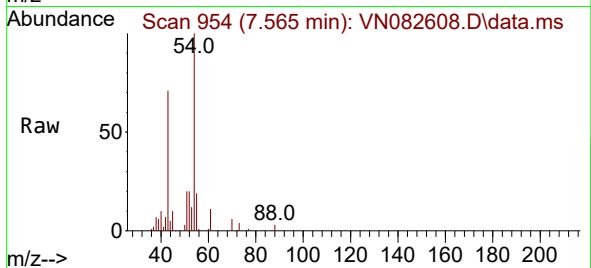
77 30.6 24.6 37.0





#37
Ethyl Acetate
Concen: 19.340 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

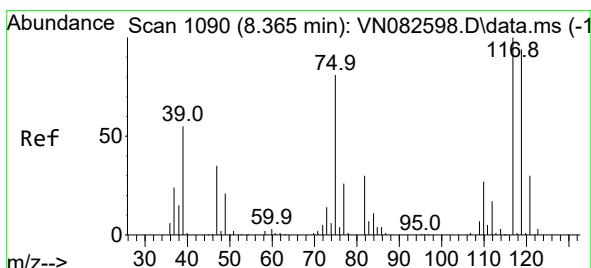
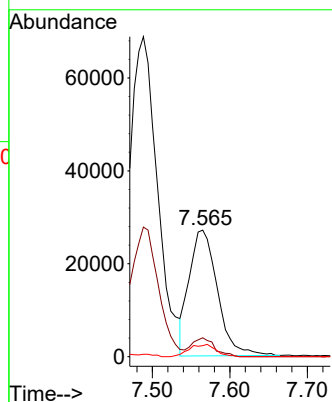
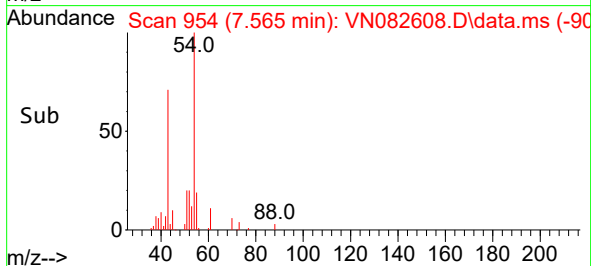
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 43 Resp: 6860
Ion Ratio Lower Upper
43 100
61 12.0 9.3 13.9
70 9.3 7.0 10.6

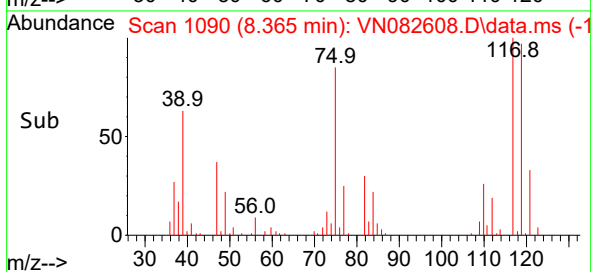
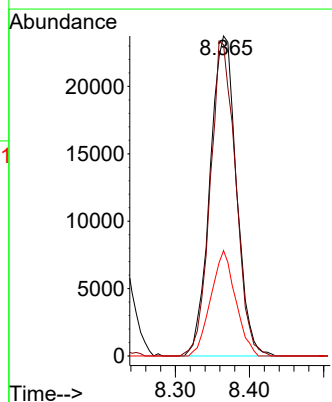
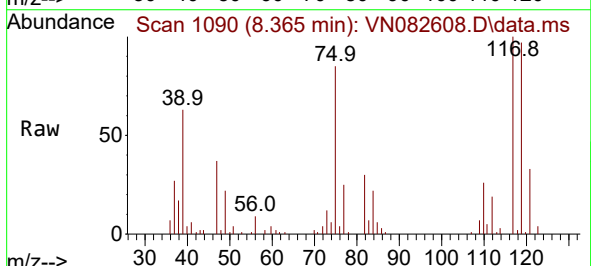
Manual Integrations
APPROVED

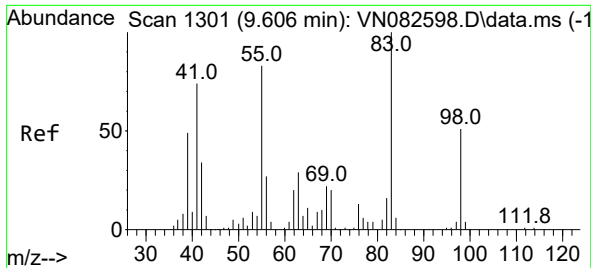
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#38
Carbon Tetrachloride
Concen: 18.733 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion:117 Resp: 58792
Ion Ratio Lower Upper
117 100
119 97.3 74.9 112.3
121 32.9 24.3 36.5





#39
Methylcyclohexane
Concen: 18.647 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

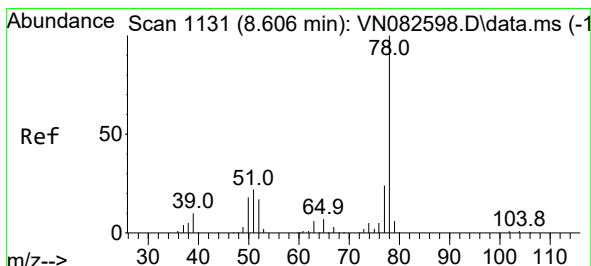
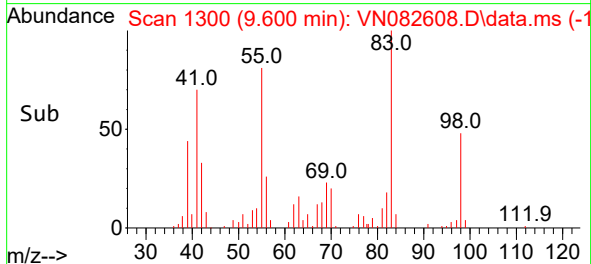
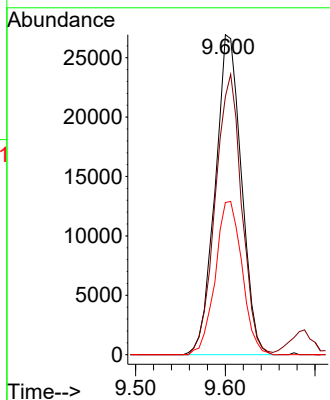
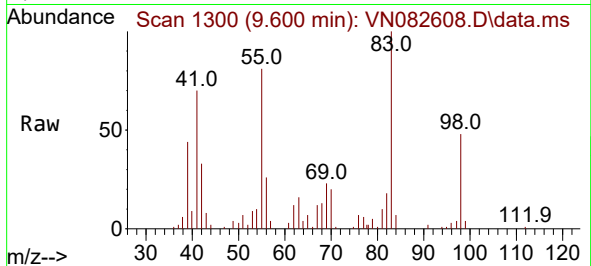
VN0617WBSD01

Tgt Ion: 83 Resp: 54650
Ion Ratio Lower Upper
83 100
55 80.7 66.4 99.6
98 47.5 40.7 61.1

Manual Integrations

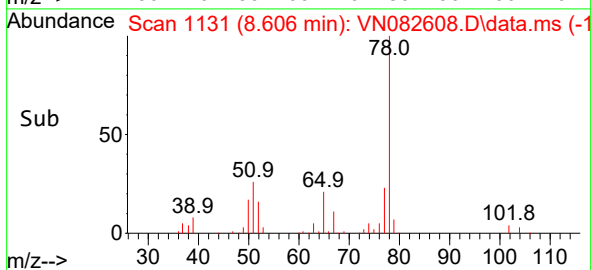
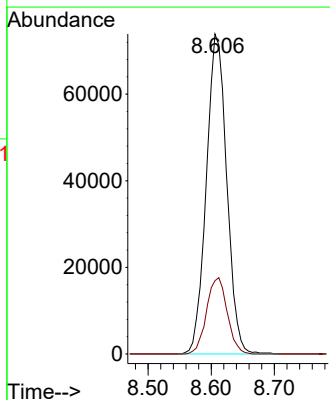
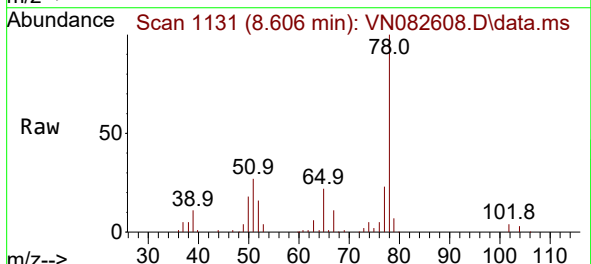
APPROVED

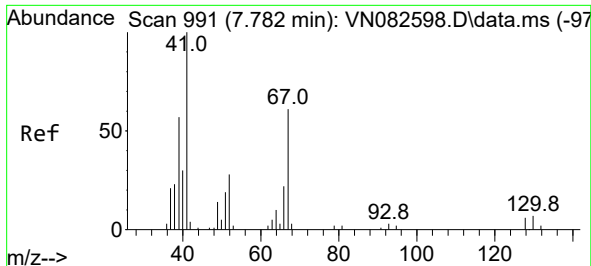
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#40
Benzene
Concen: 19.293 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion: 78 Resp: 166013
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 21.607 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

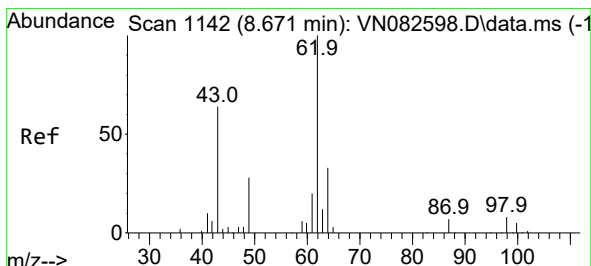
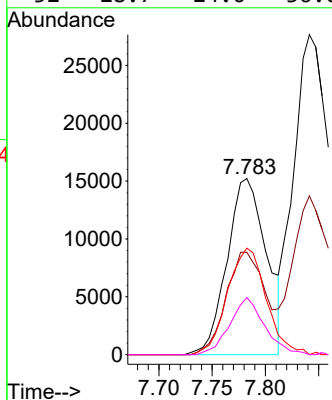
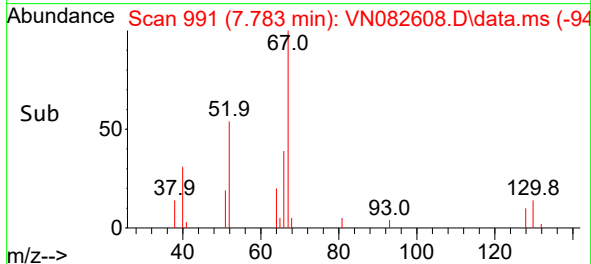
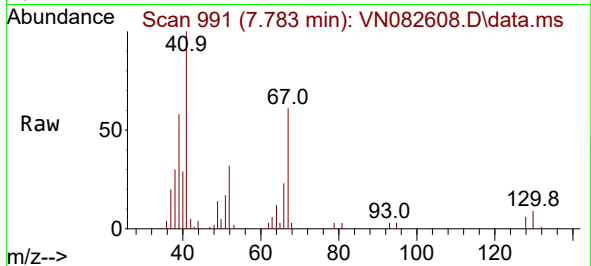
Tgt Ion: 41 Resp: 39180
Ion Ratio Lower Upper
41 100
39 55.9 45.5 68.3
67 59.6 50.5 75.7
52 28.7 24.0 36.0

Manual Integrations

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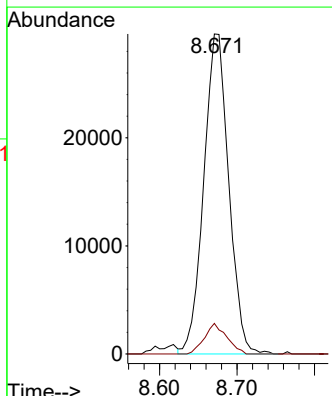
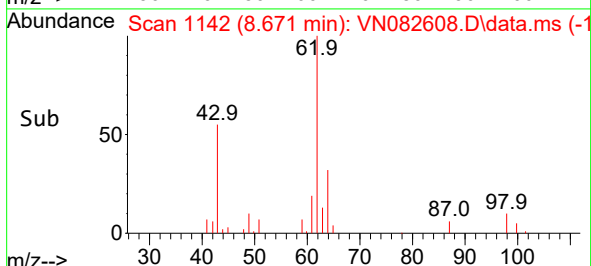
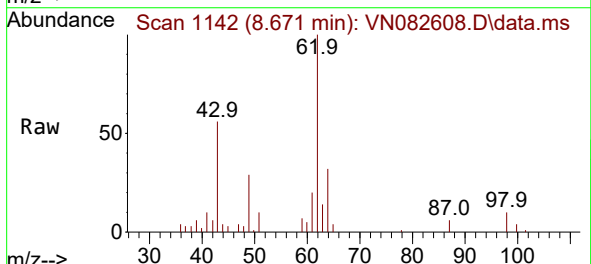
Reviewed By :John Carlone 06/18/2024

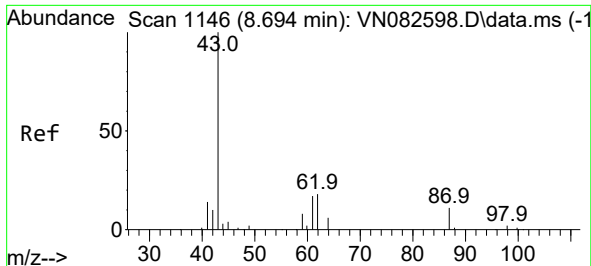
Supervised By :Mahesh Dadoda 06/18/2024



#42
1,2-Dichloroethane
Concen: 20.284 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

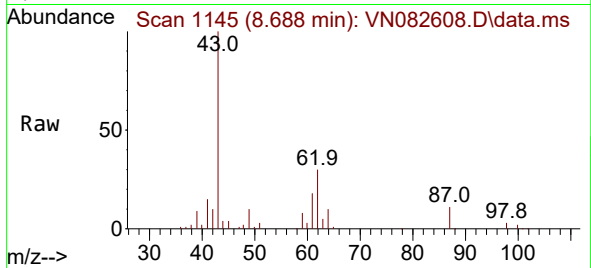
Tgt Ion: 62 Resp: 66389
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.279 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

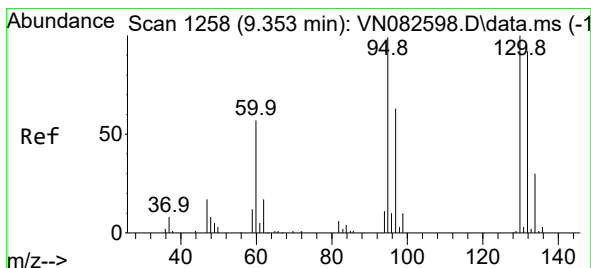
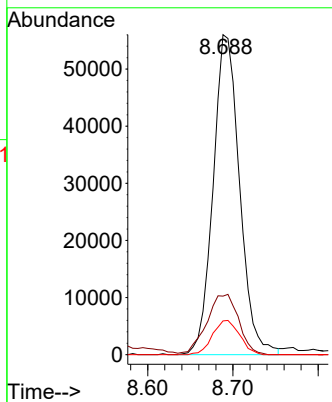
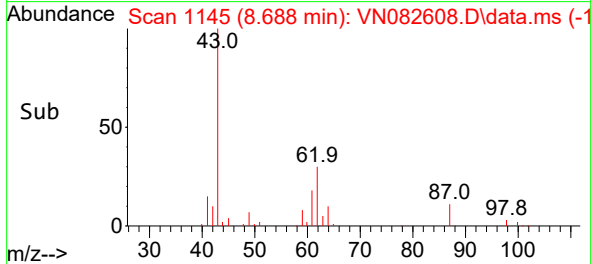
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 43 Resp: 121179
Ion Ratio Lower Upper
43 100
61 22.7 17.8 26.6
87 10.9 8.2 12.2

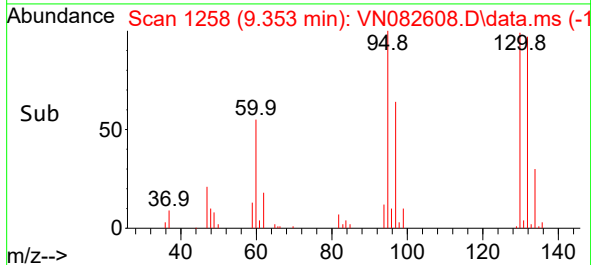
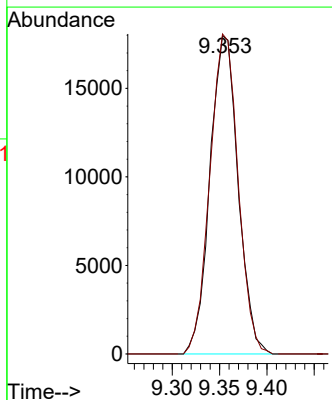
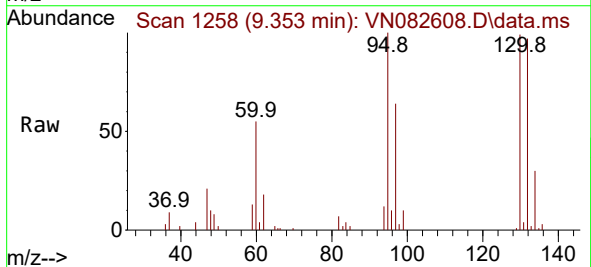
Manual Integrations
APPROVED

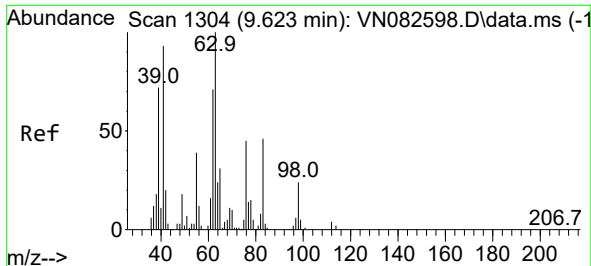
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#44
Trichloroethene
Concen: 18.606 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion:130 Resp: 37176
Ion Ratio Lower Upper
130 100
95 100.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.778 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tgt Ion: 63 Resp: 43800

Ion Ratio Lower Upper

63 100

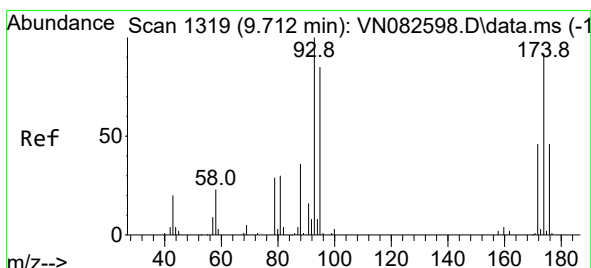
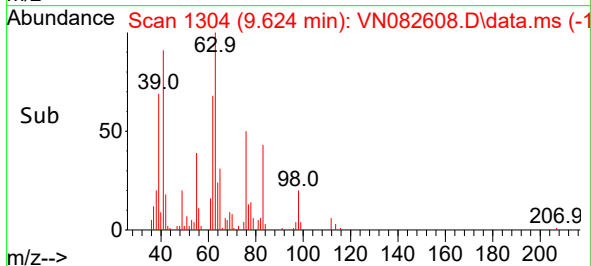
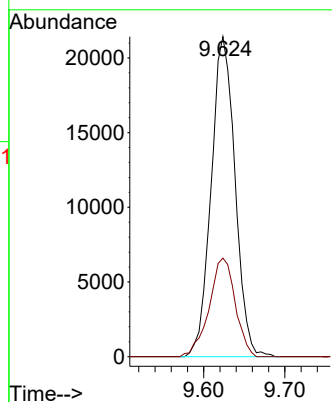
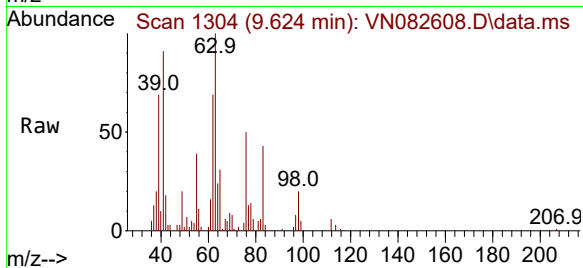
65 30.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#46

Dibromomethane

Concen: 20.265 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

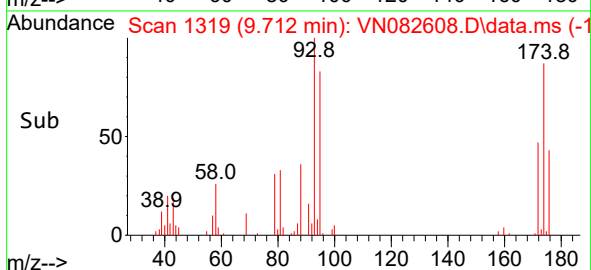
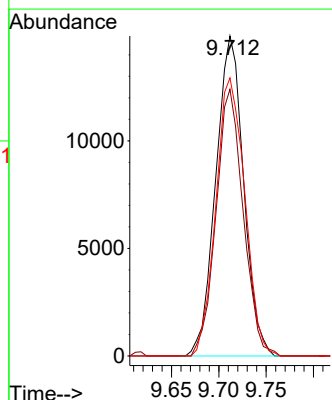
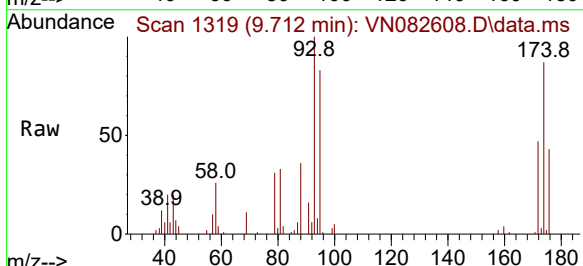
Tgt Ion: 93 Resp: 30426

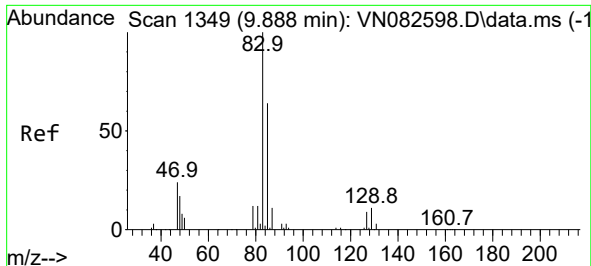
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.6

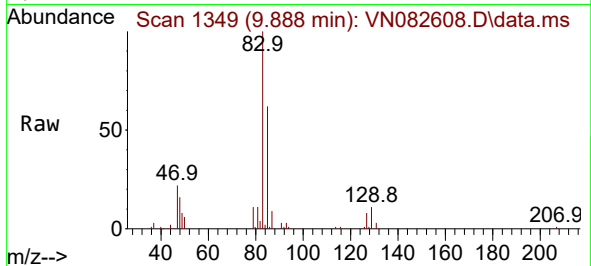
174 90.2 71.7 107.5





#47
Bromodichloromethane
Concen: 19.474 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

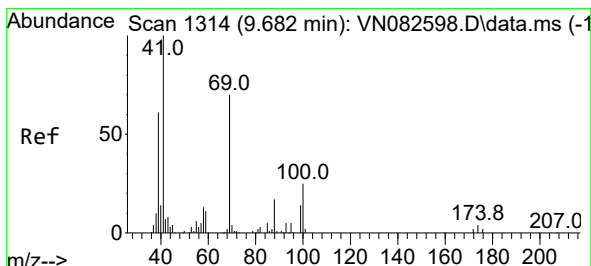
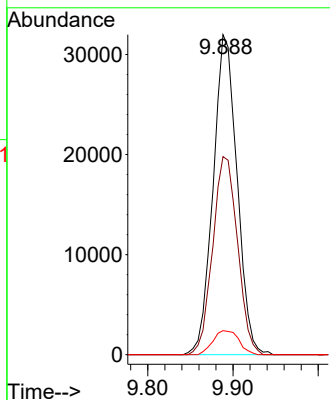
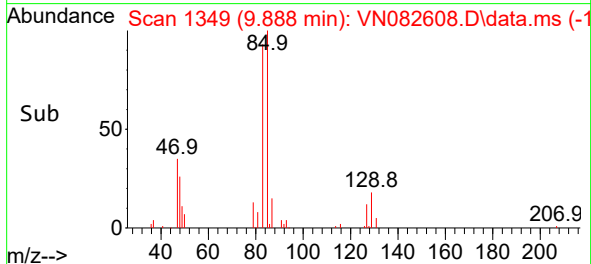
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



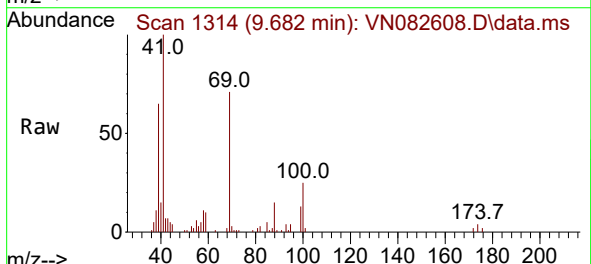
Tgt Ion: 83 Resp: 62334
Ion Ratio Lower Upper
83 100
85 61.9 51.1 76.7
127 7.5 7.2 10.8

Manual Integrations
APPROVED

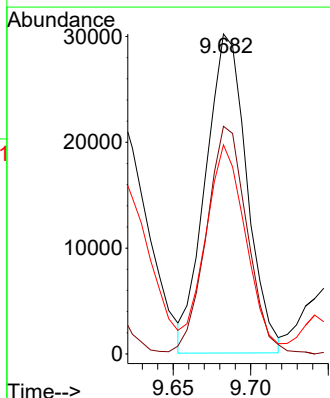
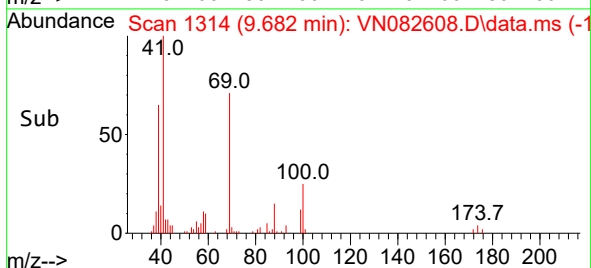
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

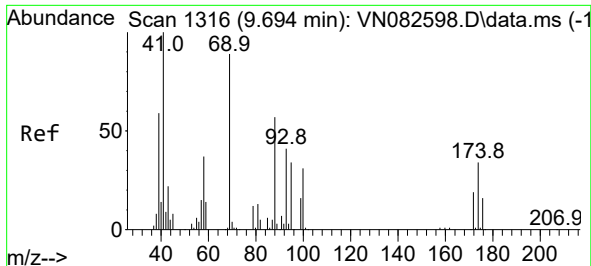


#48
Methyl methacrylate
Concen: 20.439 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



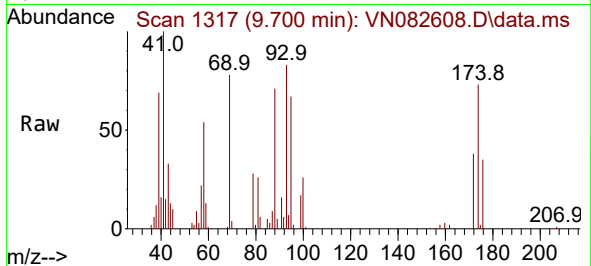
Tgt Ion: 41 Resp: 55859
Ion Ratio Lower Upper
41 100
69 70.6 56.3 84.5
39 64.6 50.3 75.5





#49
1,4-Dioxane
Concen: 433.075 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

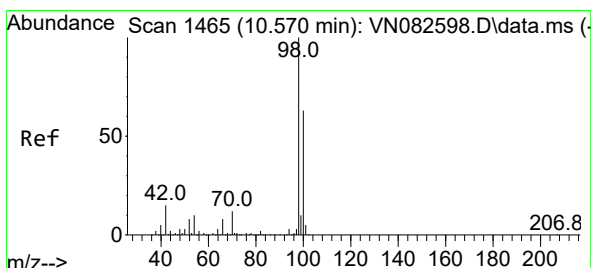
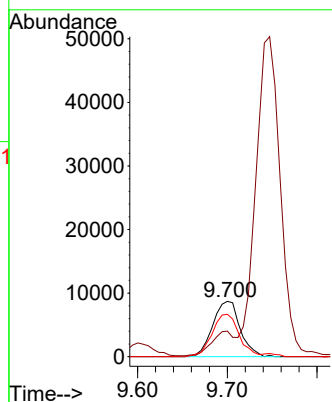
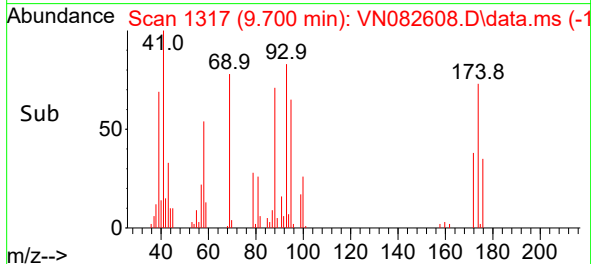
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 88 Resp: 1851
Ion Ratio Lower Upper
88 100
43 42.2 27.8 41.8
58 78.1 59.4 89.0

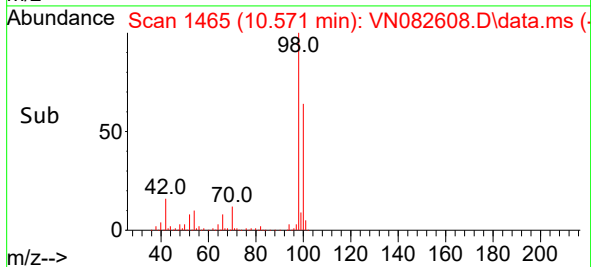
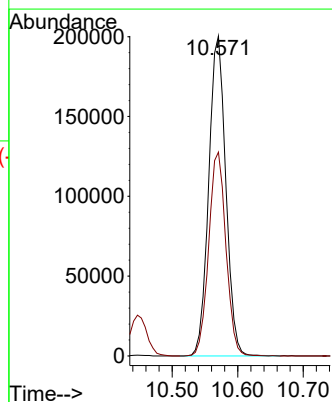
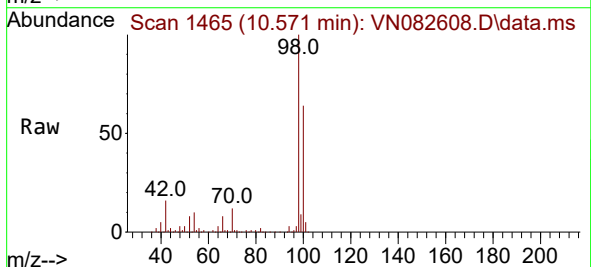
Manual Integrations
APPROVED

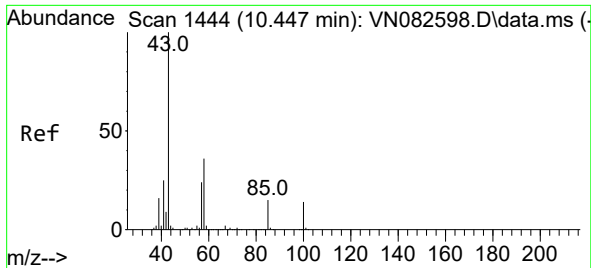
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#50
Toluene-d8
Concen: 51.446 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

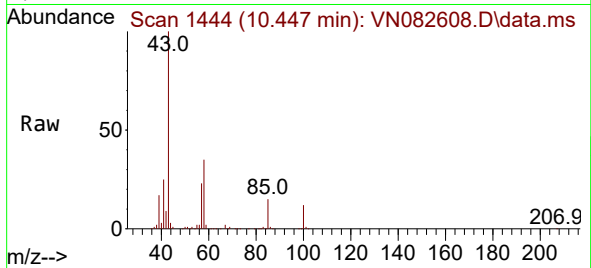
Tgt Ion: 98 Resp: 362427
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 107.765 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

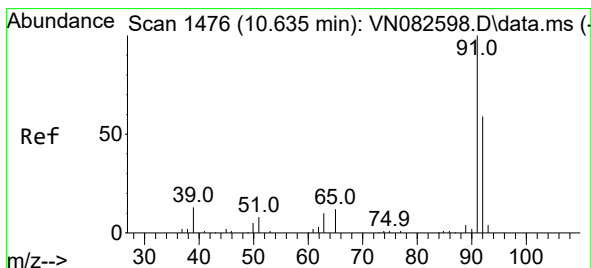
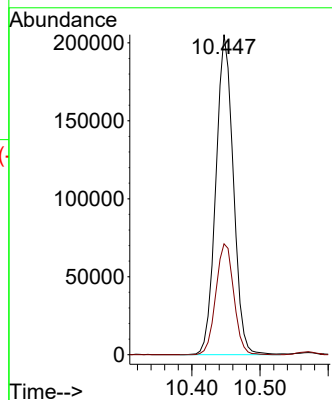
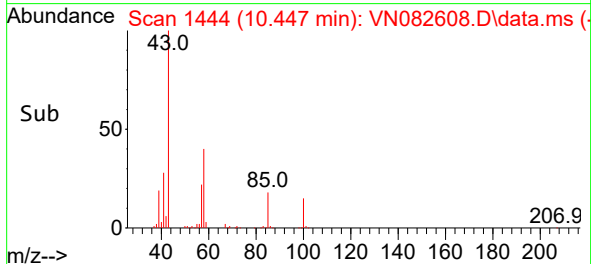
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 43 Resp: 366435
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.4

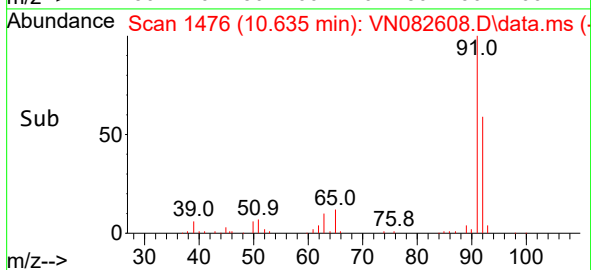
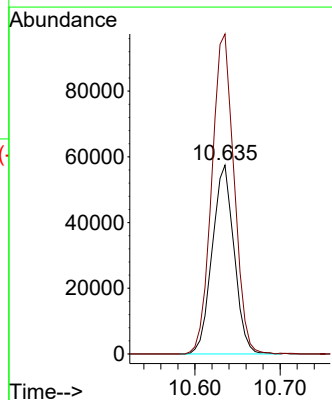
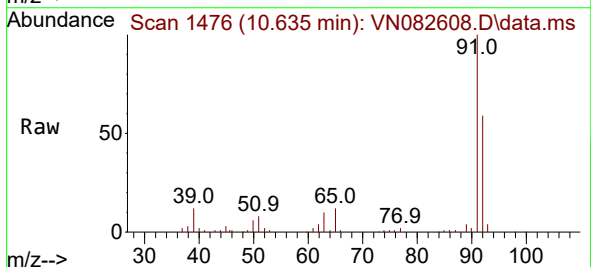
Manual Integrations
APPROVED

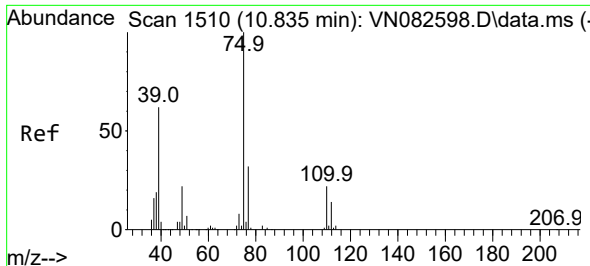
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#52
Toluene
Concen: 19.687 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

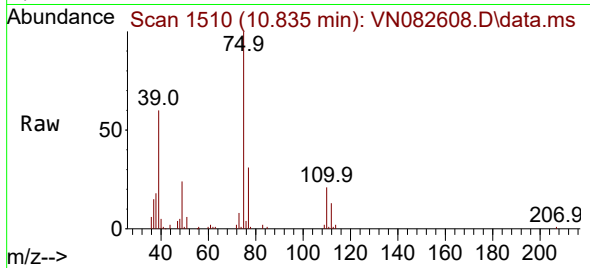
Tgt Ion: 92 Resp: 102664
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 20.112 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

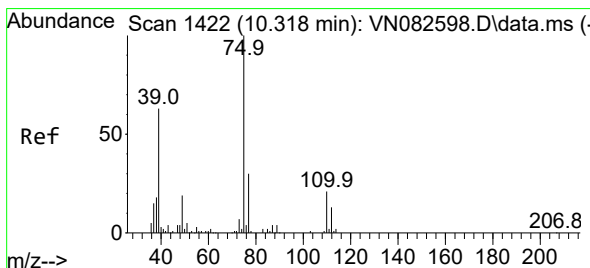
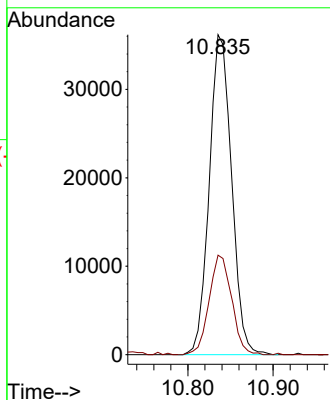
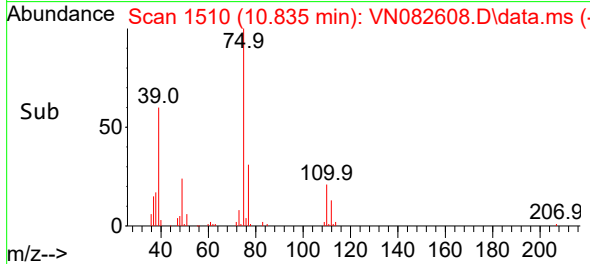
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01



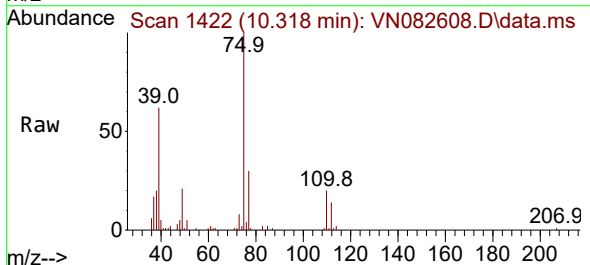
Tgt Ion: 75 Resp: 6581
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5

Manual Integrations
 APPROVED

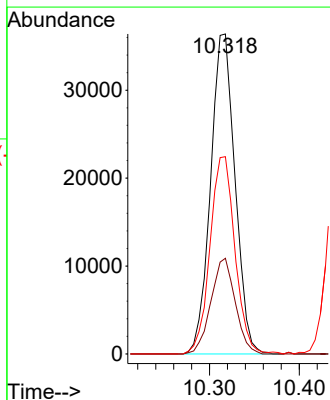
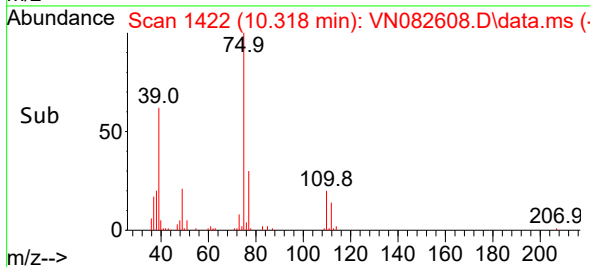
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

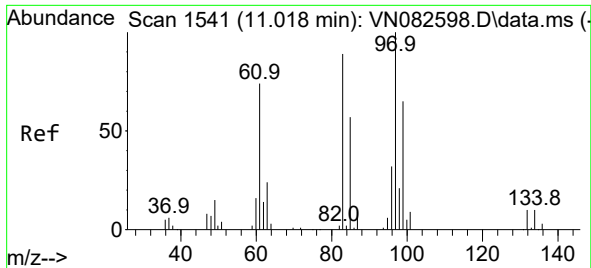


#54
 cis-1,3-Dichloropropene
 Concen: 20.360 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56



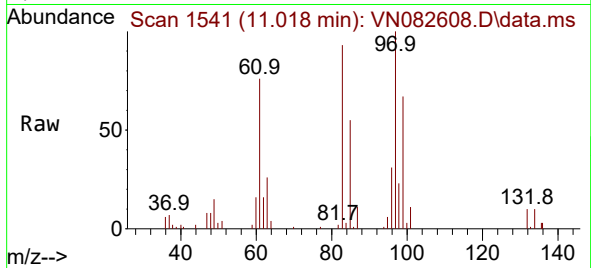
Tgt Ion: 75 Resp: 68896
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.3 36.5
 39 61.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.294 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

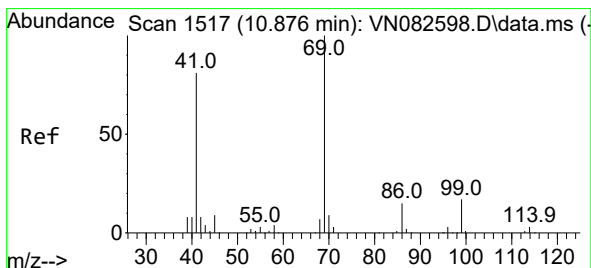
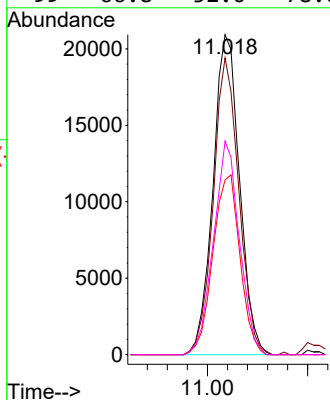
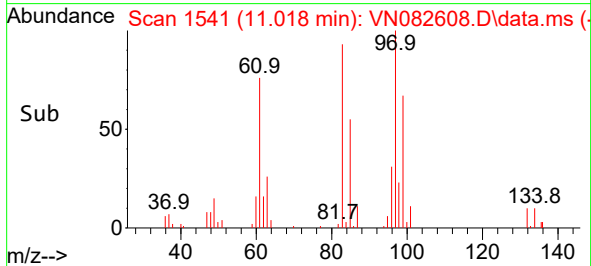
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



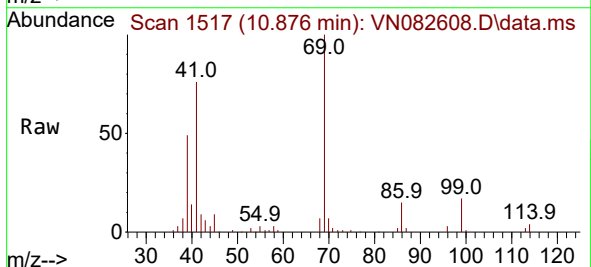
Tgt Ion: 97 Resp: 3830
Ion Ratio Lower Upper
97 100
83 92.7 71.4 107.0
85 54.6 45.8 68.6
99 66.8 52.0 78.0

Manual Integrations
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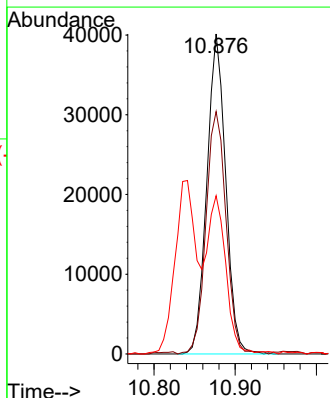
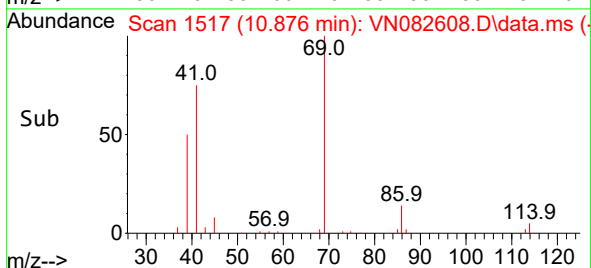
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

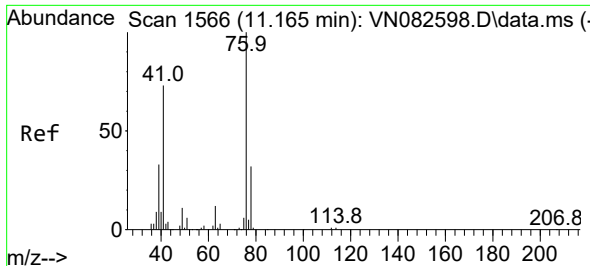


#56
Ethyl methacrylate
Concen: 20.675 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



Tgt Ion: 69 Resp: 64631
Ion Ratio Lower Upper
69 100
41 80.9 63.4 95.2
39 46.8 37.4 56.0





#57

1,3-Dichloropropane

Concen: 20.265 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082608.D

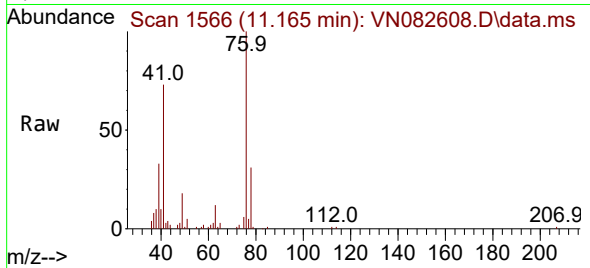
Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01



Tgt Ion: 76 Resp: 70708

Ion Ratio Lower Upper

76 100

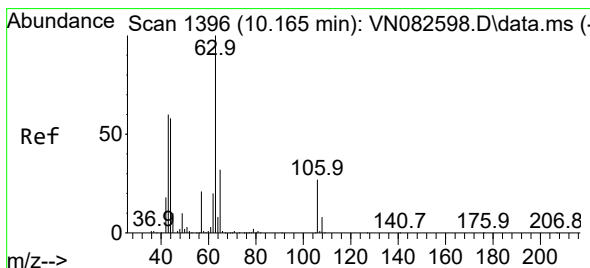
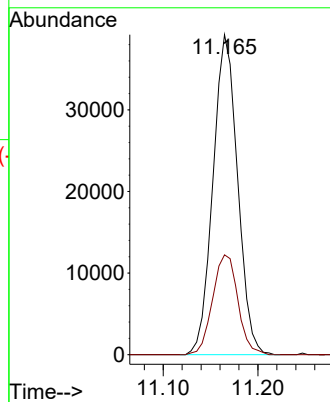
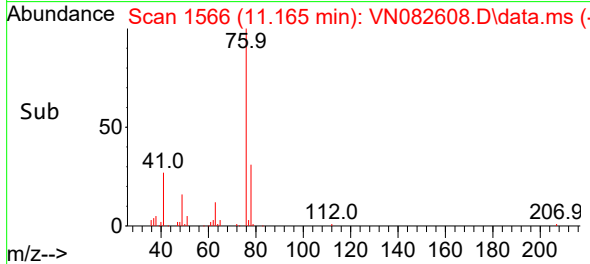
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 106.387 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN082608.D

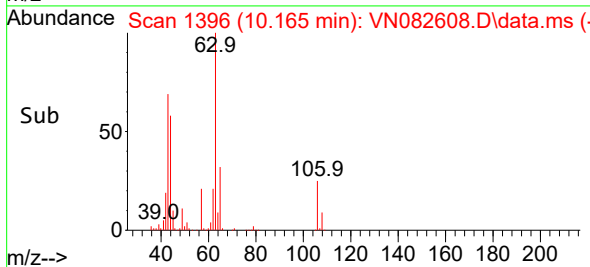
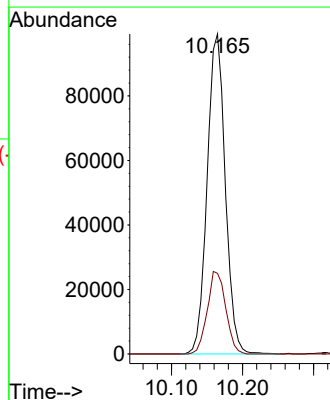
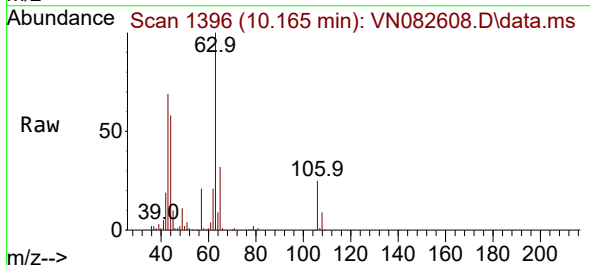
Acq: 17 Jun 2024 14:56

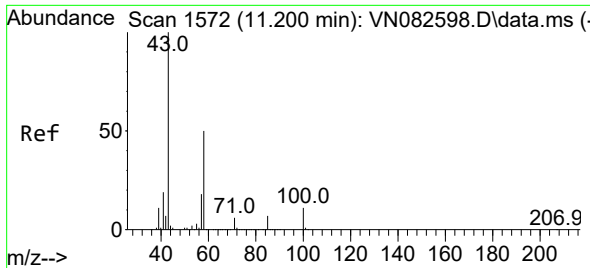
Tgt Ion: 63 Resp: 175931

Ion Ratio Lower Upper

63 100

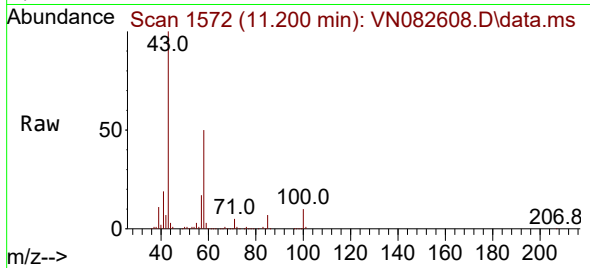
106 26.2 21.4 32.0





#59
2-Hexanone
Concen: 106.447 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

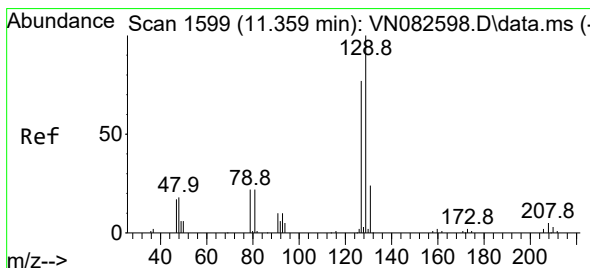
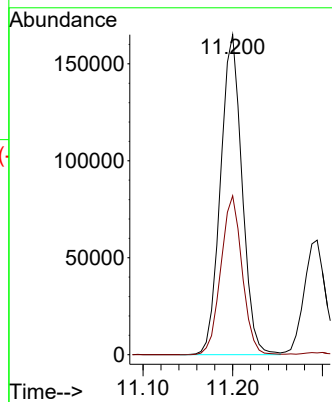
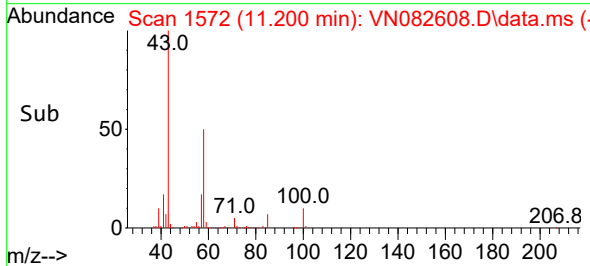
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 43 Resp: 275100
Ion Ratio Lower Upper
43 100
58 49.0 24.6 73.8

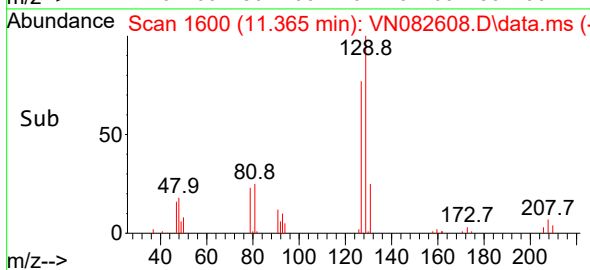
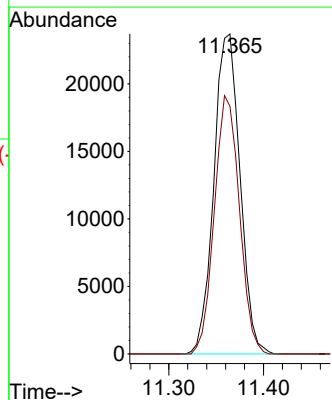
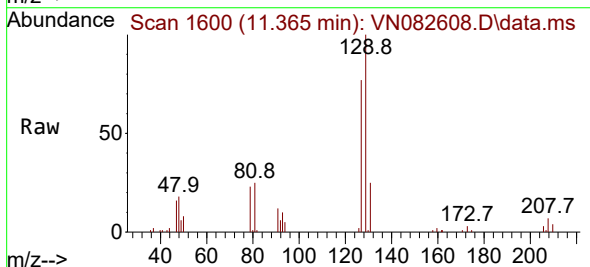
Manual Integrations
APPROVED

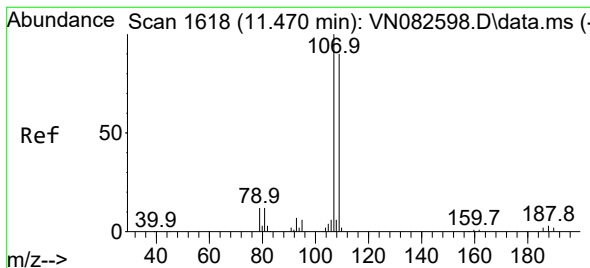
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#60
Dibromochloromethane
Concen: 19.759 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

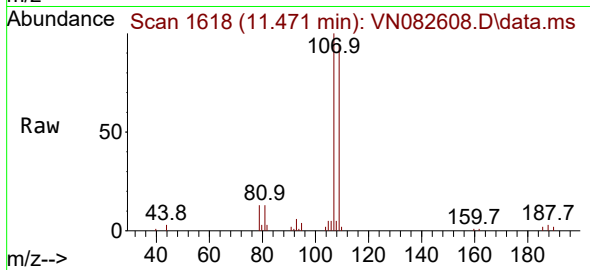
Tgt Ion:129 Resp: 45525
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.946 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

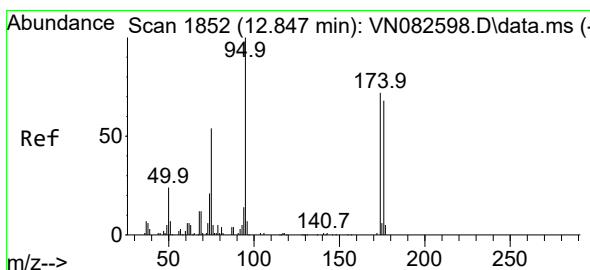
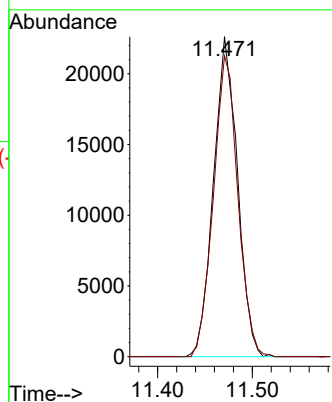
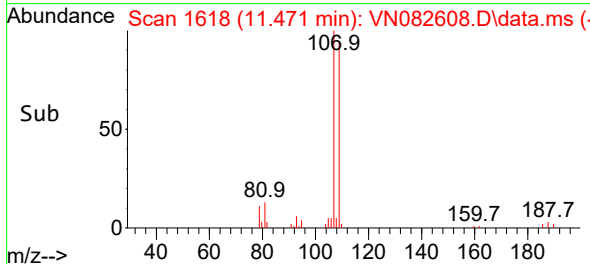
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



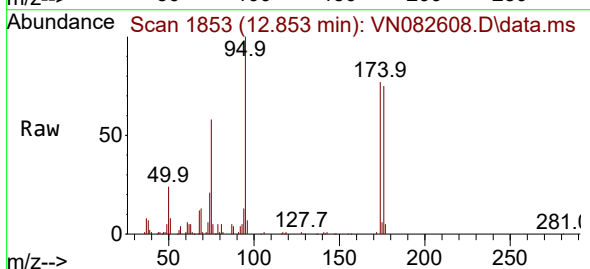
Tgt Ion:107 Resp: 39692
Ion Ratio Lower Upper
107 100
109 96.1 73.7 110.5

Manual Integrations
APPROVED

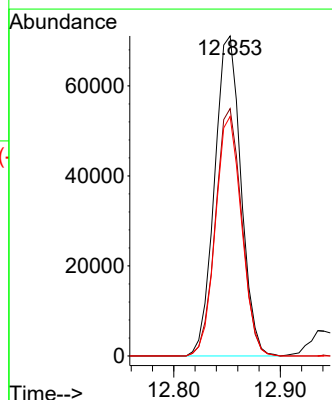
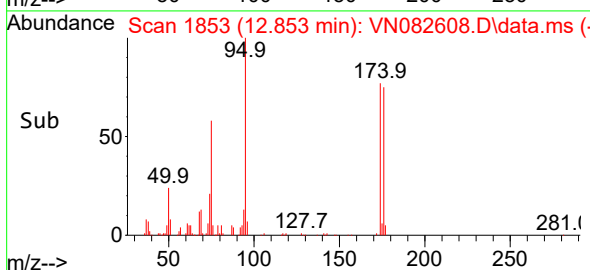
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

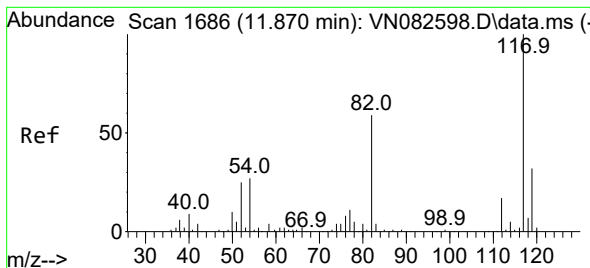


#62
4-Bromofluorobenzene
Concen: 50.477 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



Tgt Ion: 95 Resp: 122598
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 73.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tgt Ion:117 Resp: 251598

Ion Ratio Lower Upper

117 100

82 57.1 47.5 71.3

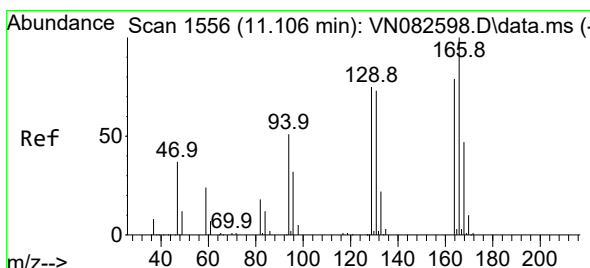
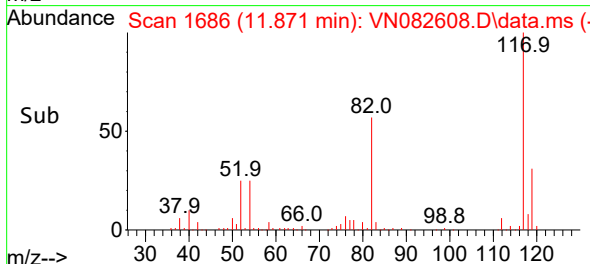
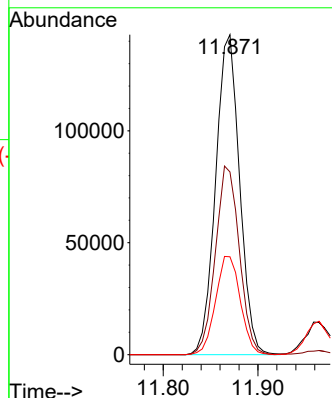
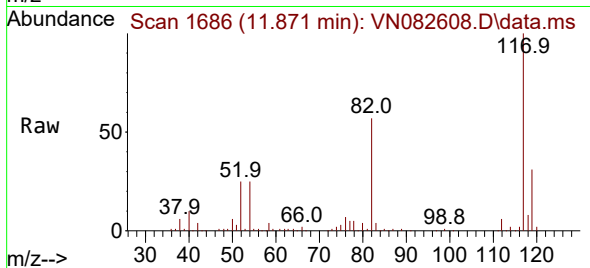
119 30.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#64

Tetrachloroethene

Concen: 18.194 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Tgt Ion:164 Resp: 37744

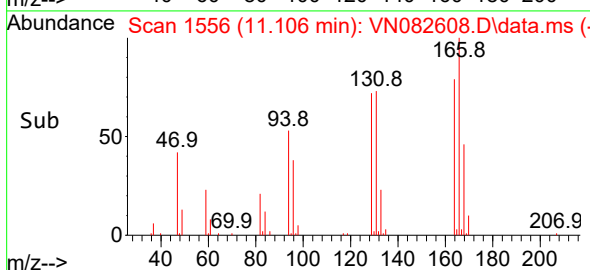
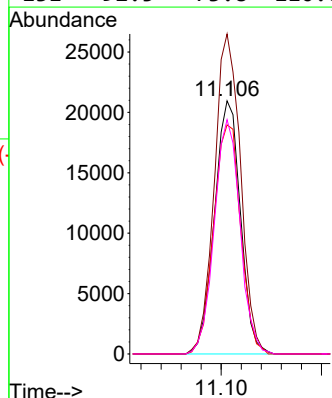
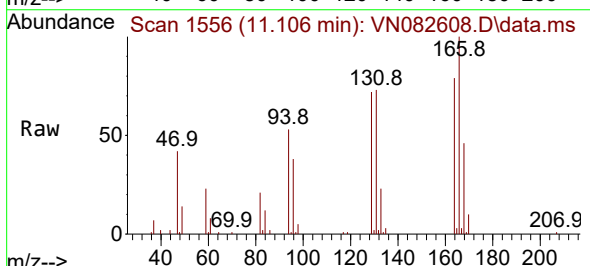
Ion Ratio Lower Upper

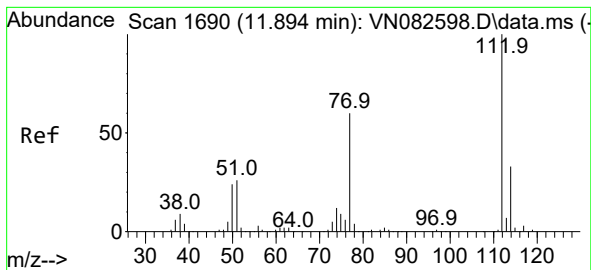
164 100

166 126.4 101.4 152.0

129 90.5 75.7 113.5

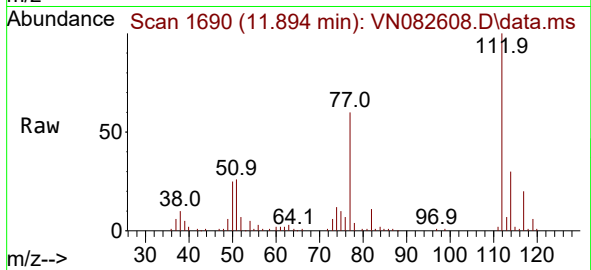
131 92.5 73.8 110.6





#65
Chlorobenzene
Concen: 18.968 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

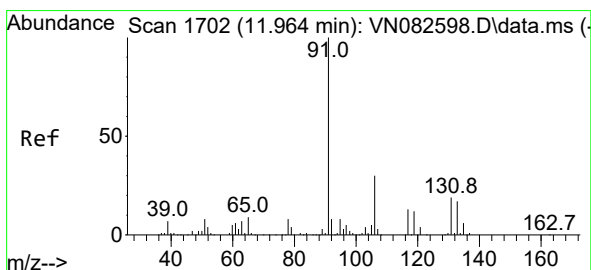
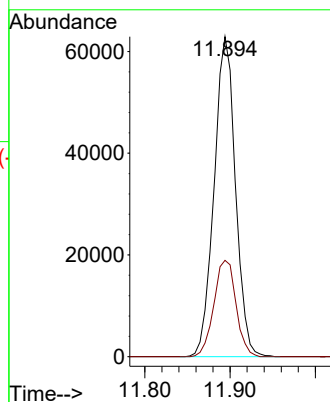
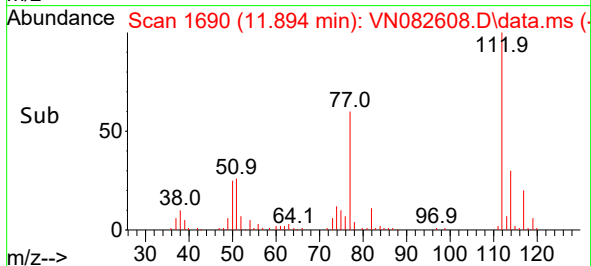
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion:112 Resp: 109430
Ion Ratio Lower Upper
112 100
114 30.1 26.2 39.2

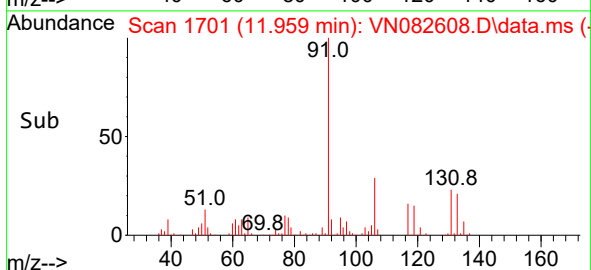
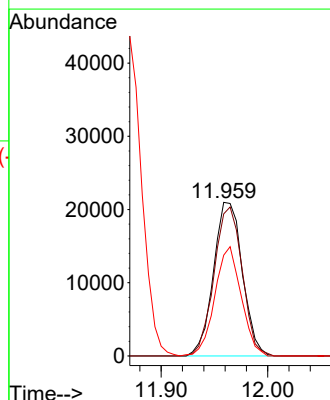
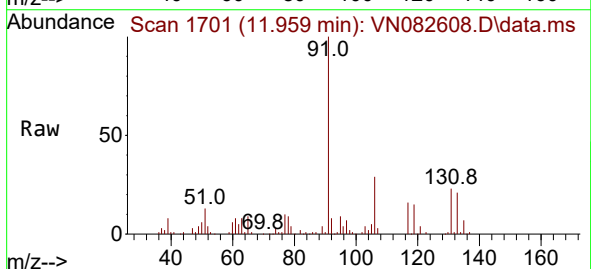
Manual Integrations
APPROVED

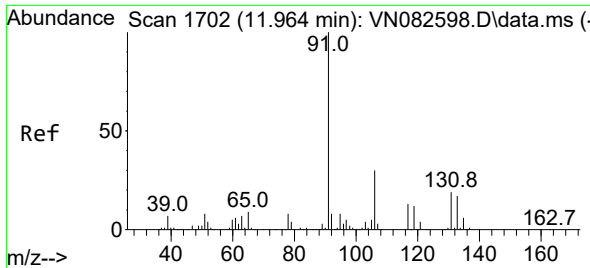
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.201 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion:131 Resp: 39503
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 65.0 32.5 97.4





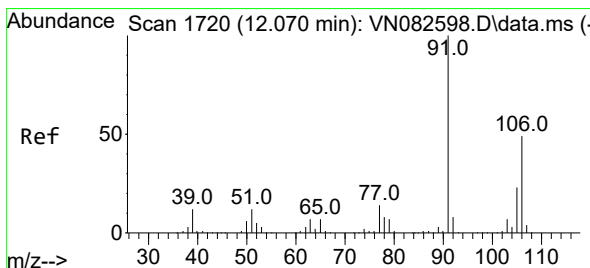
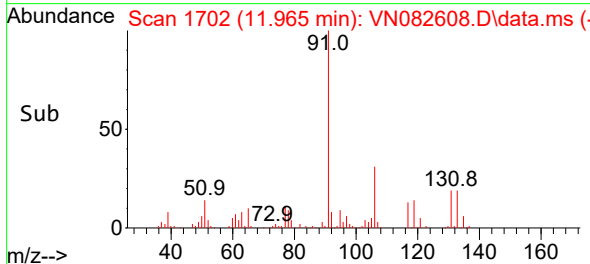
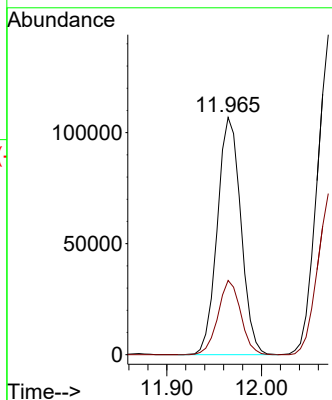
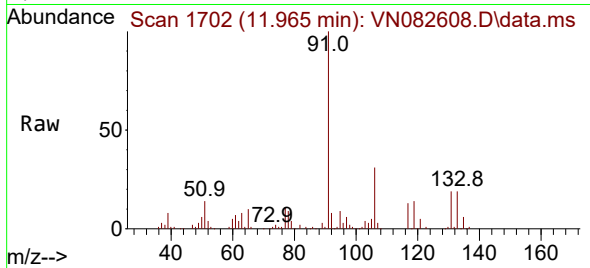
#67
Ethyl Benzene
Concen: 18.787 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion: 91 Resp: 184692
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0

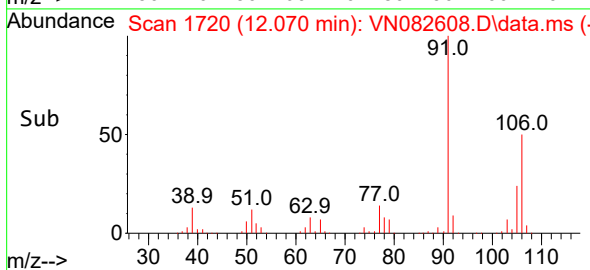
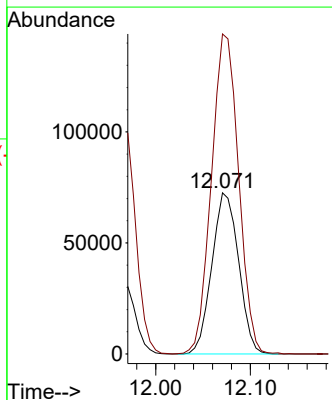
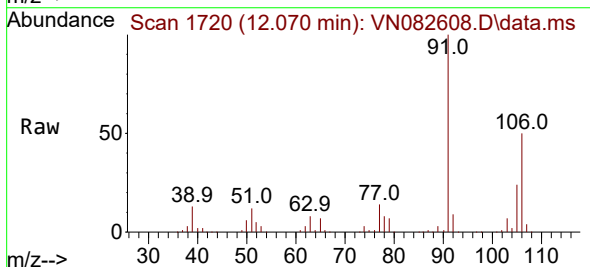
Manual Integrations
APPROVED

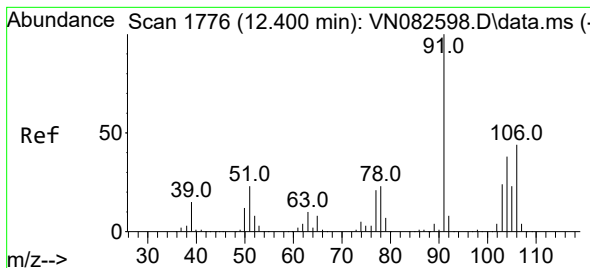
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#68
m/p-Xylenes
Concen: 38.953 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion:106 Resp: 142466
Ion Ratio Lower Upper
106 100
91 201.7 166.1 249.1





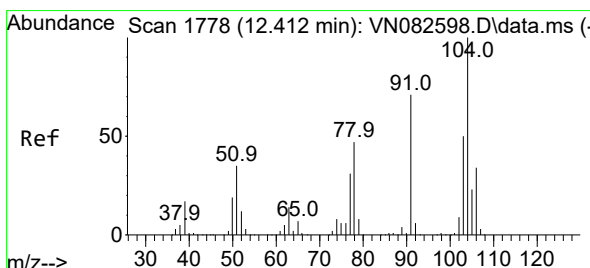
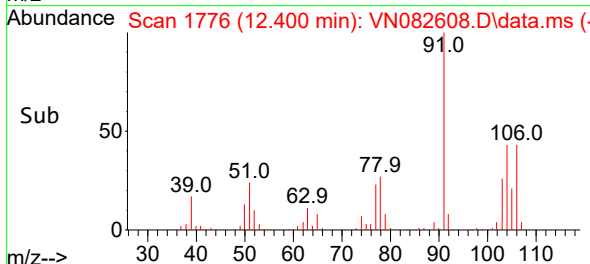
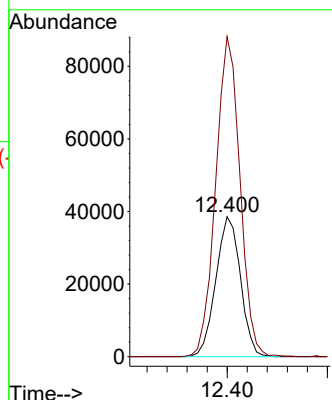
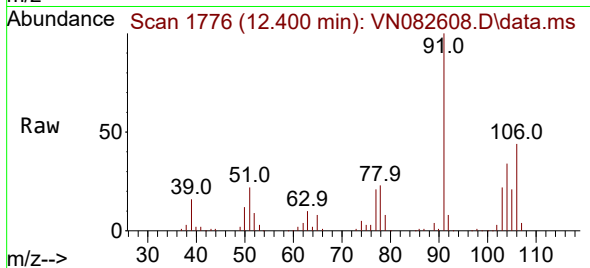
#69
o-Xylene
Concen: 19.080 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion:106 Resp: 65560
Ion Ratio Lower Upper
106 100
91 226.3 111.3 333.9

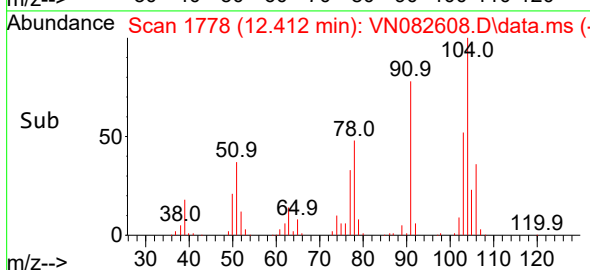
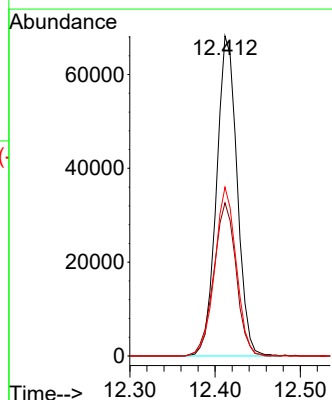
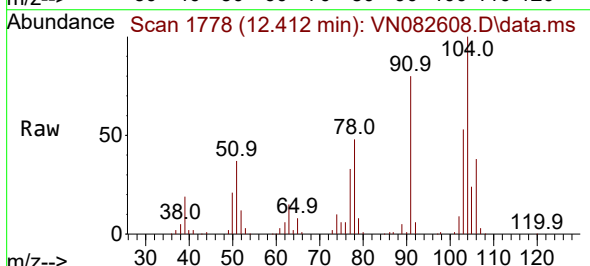
Manual Integrations
APPROVED

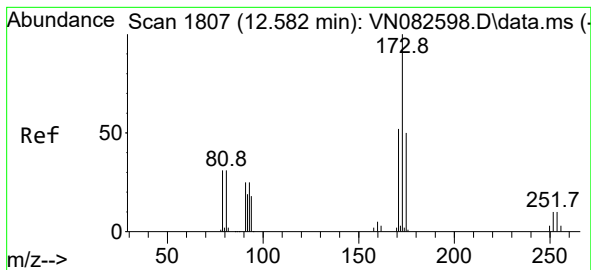
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#70
Styrene
Concen: 19.668 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion:104 Resp: 114705
Ion Ratio Lower Upper
104 100
78 52.1 41.6 62.4
103 54.9 44.0 66.0





#71

Bromoform

Concen: 19.087 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

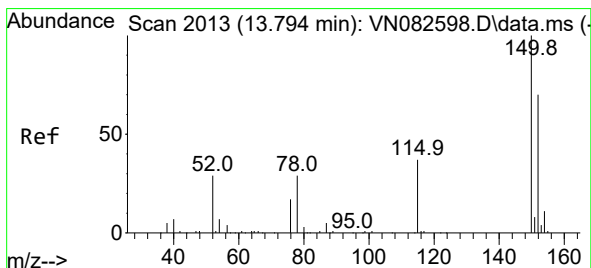
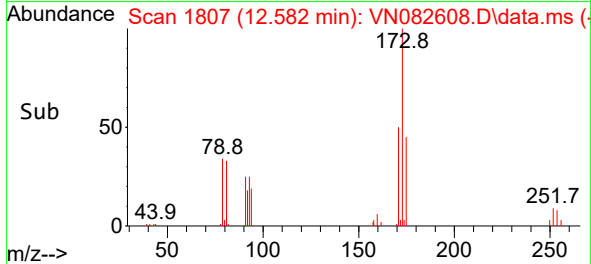
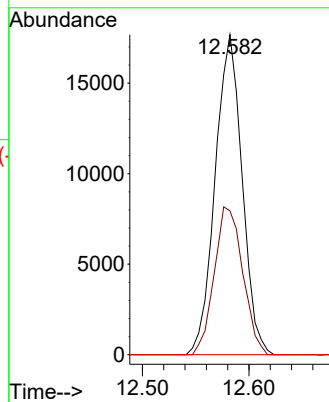
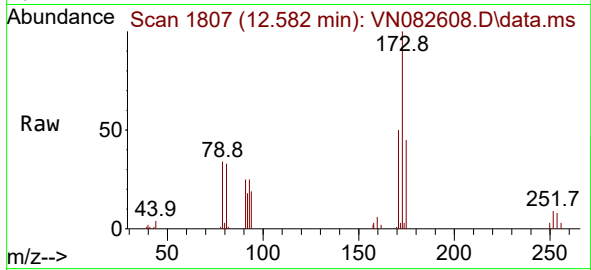
Tgt Ion:	173	Resp:	3104
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

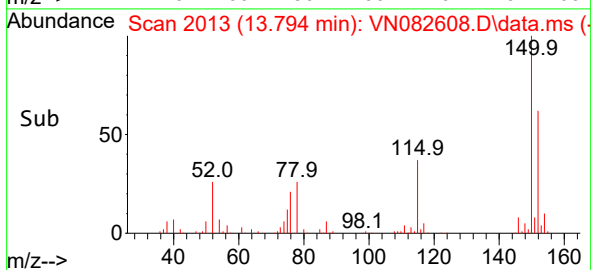
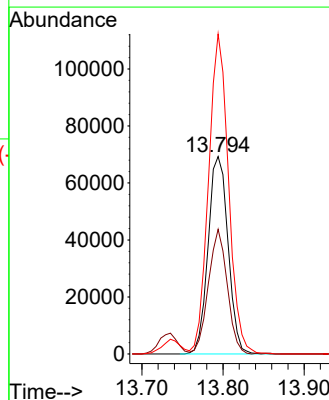
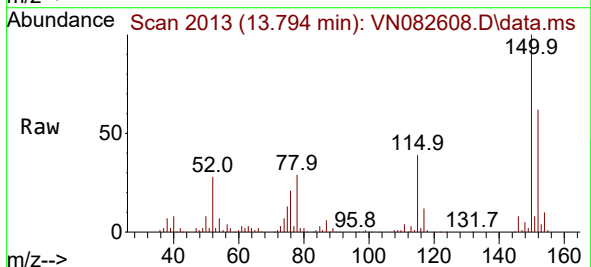
RT: 13.794 min Scan# 2013

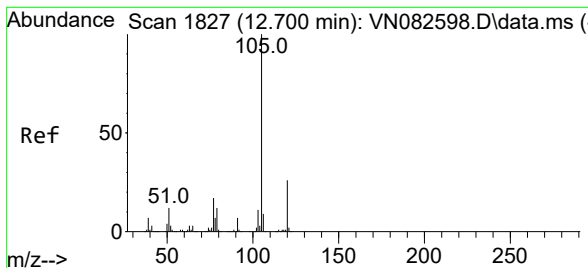
Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Tgt Ion:	152	Resp:	118295
Ion Ratio	Lower	Upper	
152	100		
115	59.7	30.6	91.6
150	162.0	0.0	348.6





#73

Isopropylbenzene

Concen: 18.838 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tgt Ion:105 Resp: 169210

Ion Ratio Lower Upper

105 100

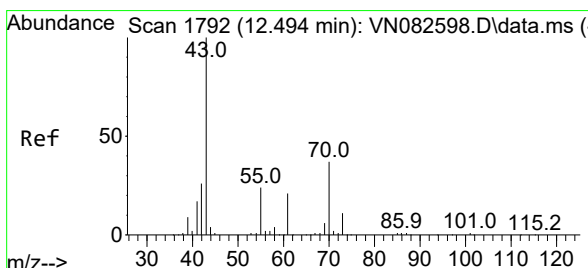
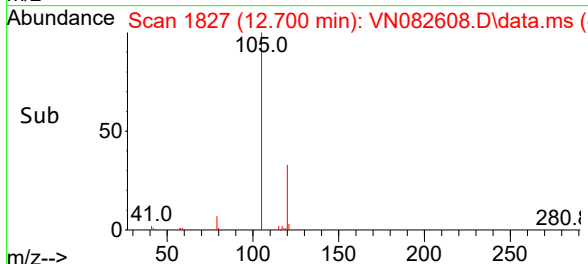
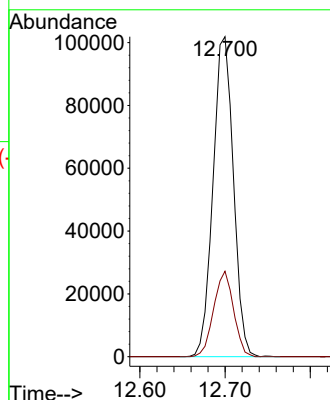
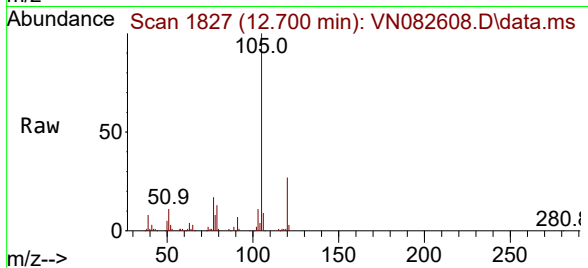
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#74

N-ethyl acetate

Concen: 19.580 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Tgt Ion: 43 Resp: 93866

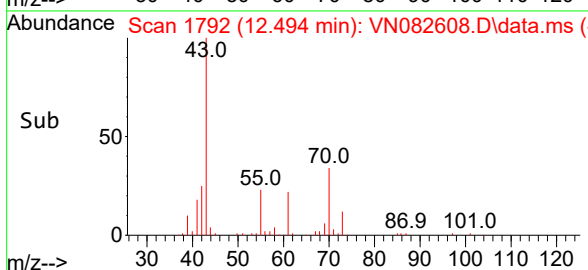
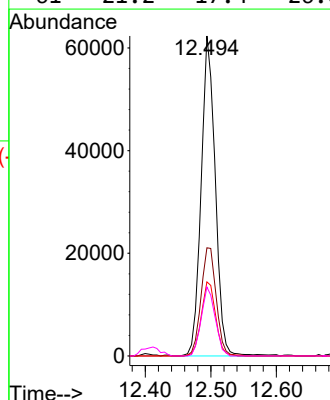
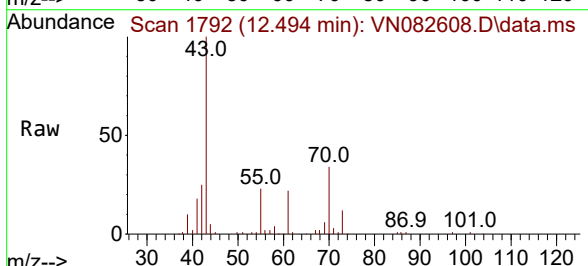
Ion Ratio Lower Upper

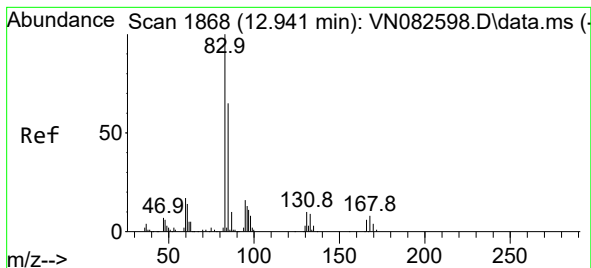
43 100

70 36.1 29.8 44.6

55 23.6 18.7 28.1

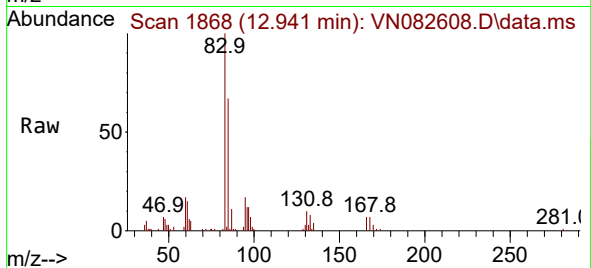
61 21.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.496 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

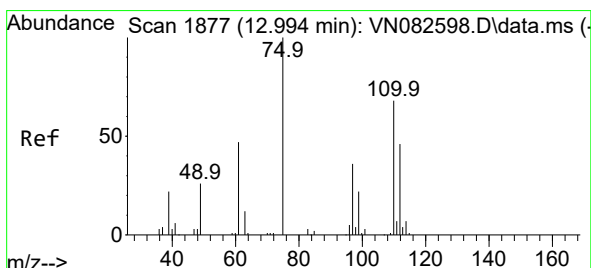
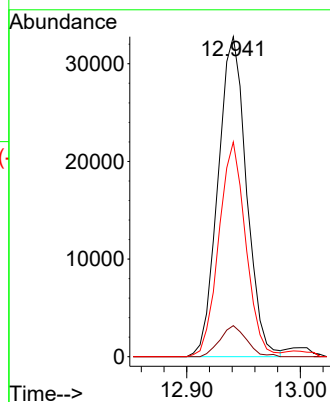
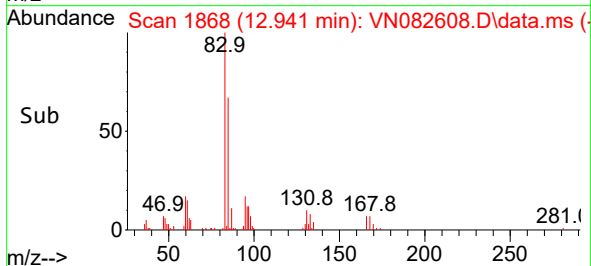
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 83 Resp: 57125
Ion Ratio Lower Upper
83 100
131 9.1 5.0 14.9
85 63.5 31.9 95.7

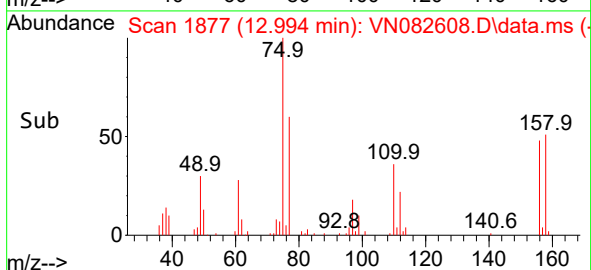
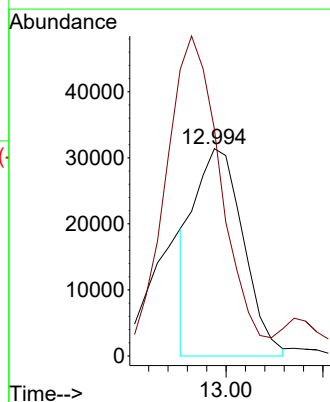
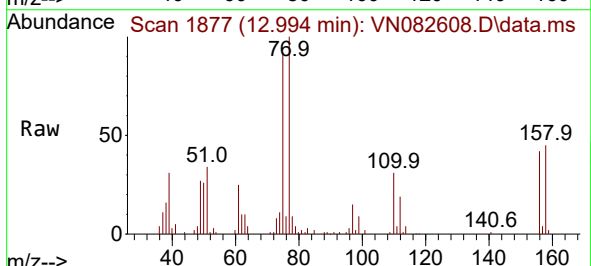
Manual Integrations
APPROVED

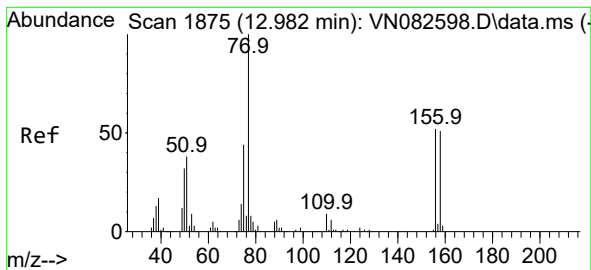
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#76
1,2,3-Trichloropropane
Concen: 19.157 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Tgt Ion: 75 Resp: 55428
Ion Ratio Lower Upper
75 100
77 176.4 110.9 332.6





#77

Bromobenzene

Concen: 18.464 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

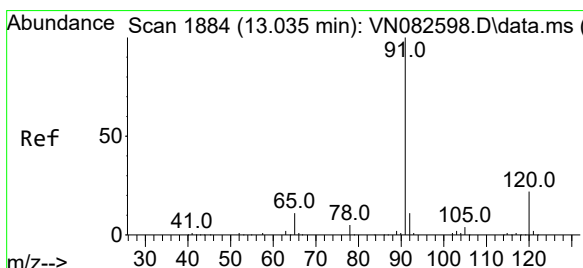
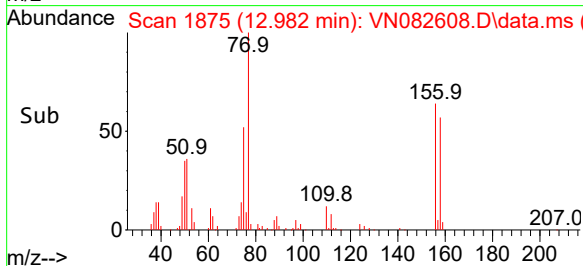
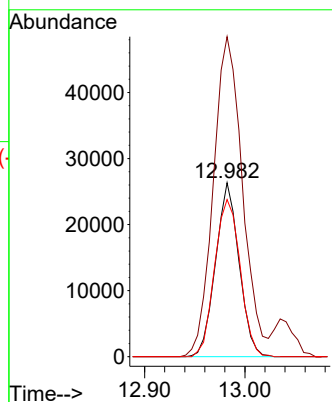
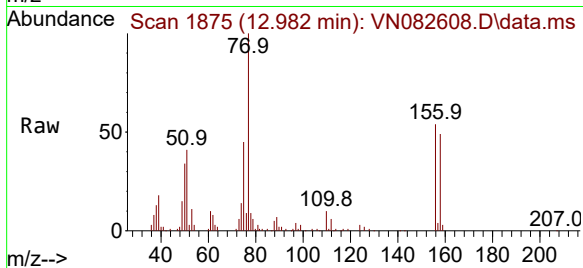
Tgt Ion:	156	Resp:	42692
Ion Ratio	Lower	Upper	
156	100		
77	229.0	111.3	333.8
158	98.3	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#78

n-propylbenzene

Concen: 19.335 ug/l

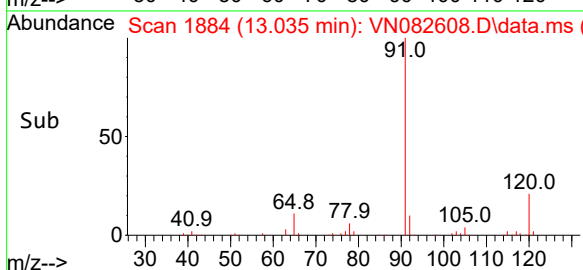
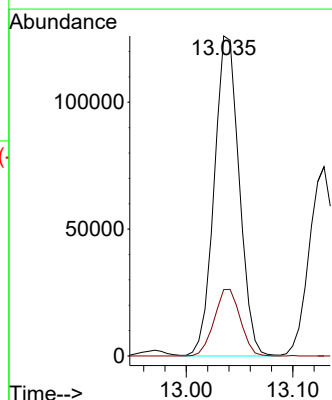
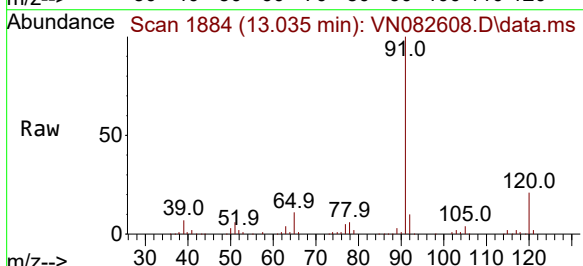
RT: 13.035 min Scan# 1884

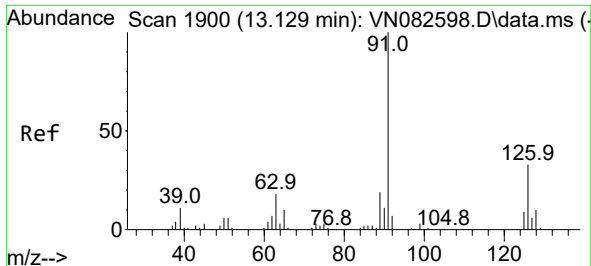
Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Tgt Ion:	91	Resp:	205448
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.9	32.9





#79
2-Chlorotoluene
Concen: 19.071 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

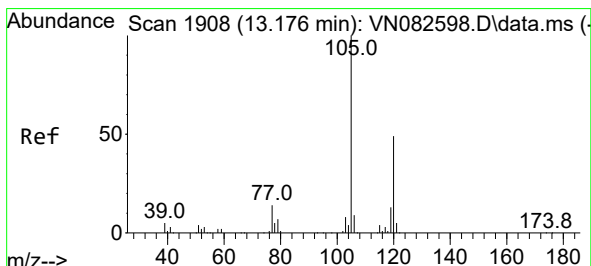
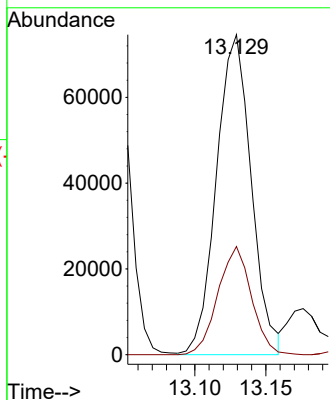
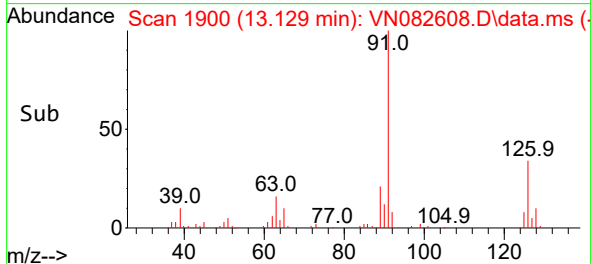
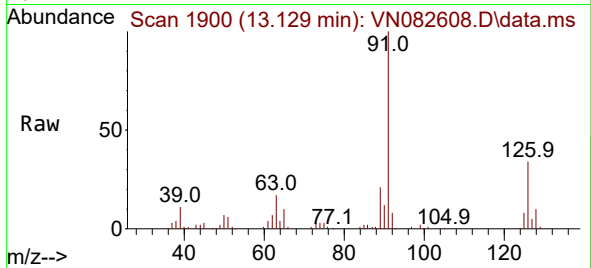
Tgt Ion: 91 Resp: 127079
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

Manual Integrations

APPROVED

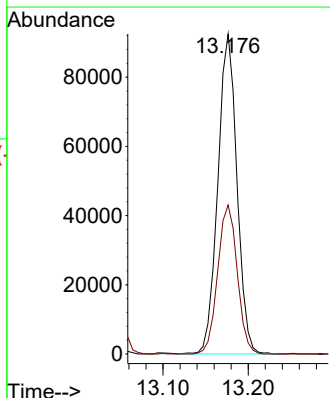
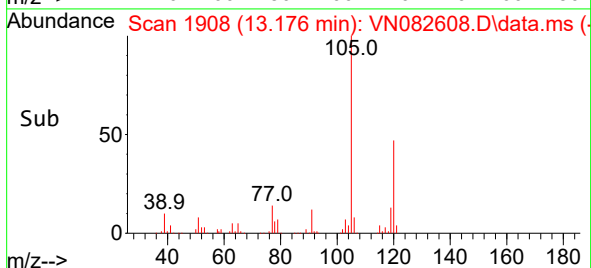
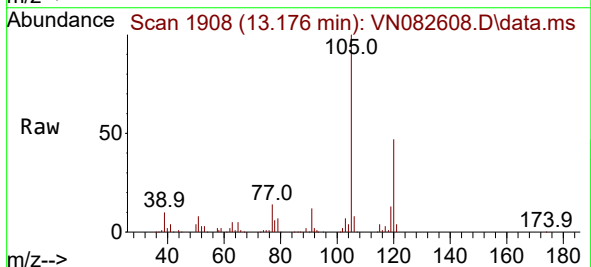
Reviewed By :John Carlone 06/18/2024

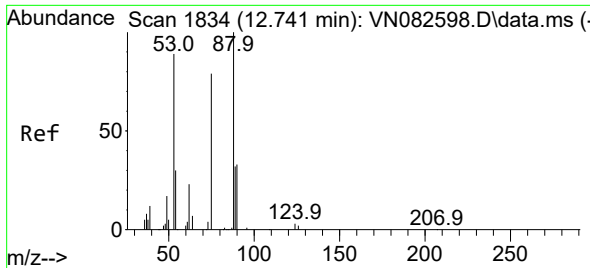
Supervised By :Mahesh Dadoda 06/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.759 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

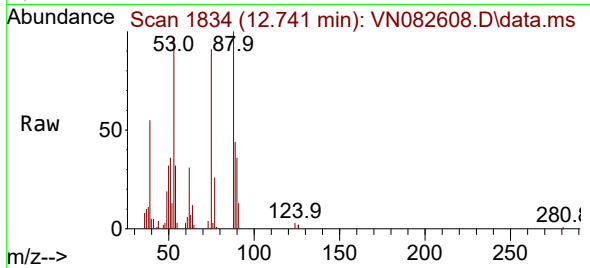
Tgt Ion:105 Resp: 144038
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.273 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

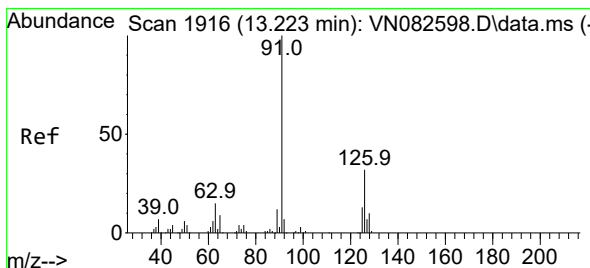
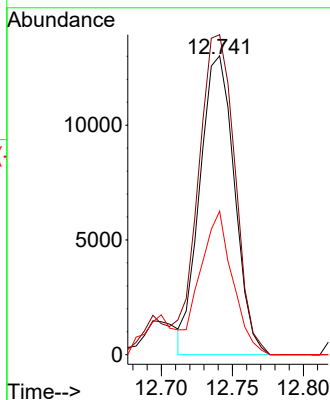
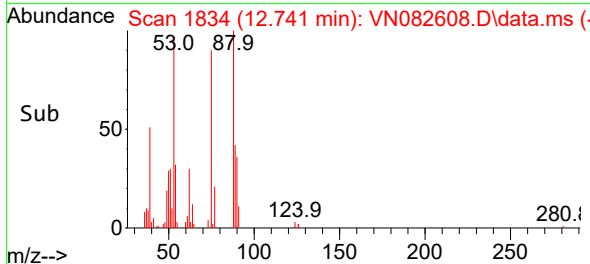
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



Tgt Ion: 75 Resp: 22099
Ion Ratio Lower Upper
75 100
53 114.0 88.4 132.6
89 45.3 36.3 54.5

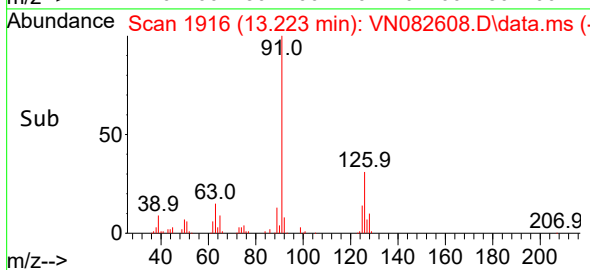
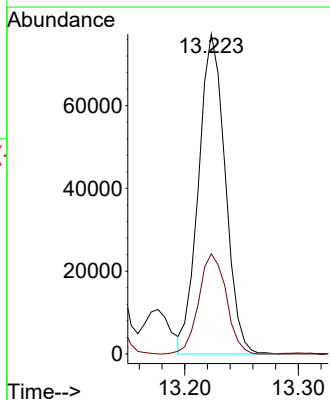
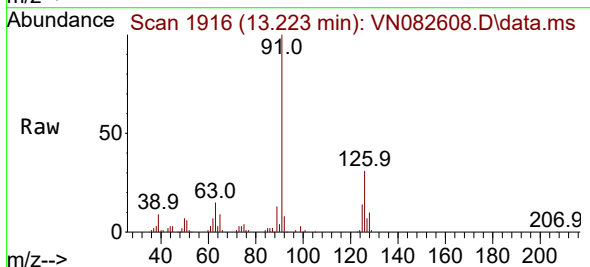
Manual Integrations
APPROVED

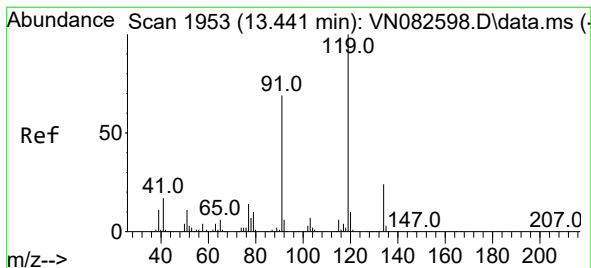
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#82
4-Chlorotoluene
Concen: 18.930 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

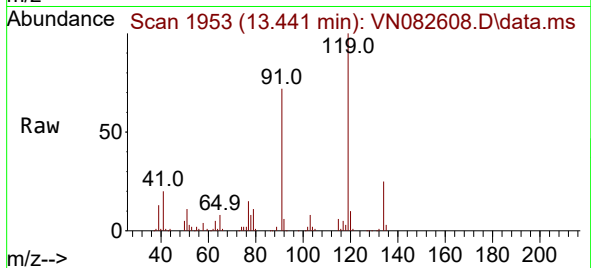
Tgt Ion: 91 Resp: 126004
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.858 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

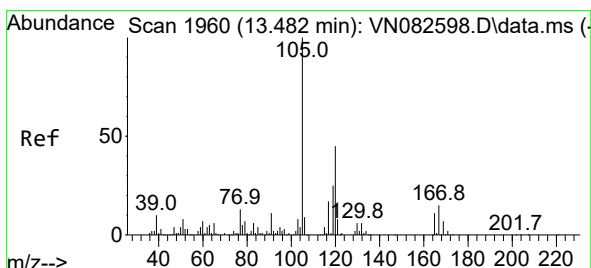
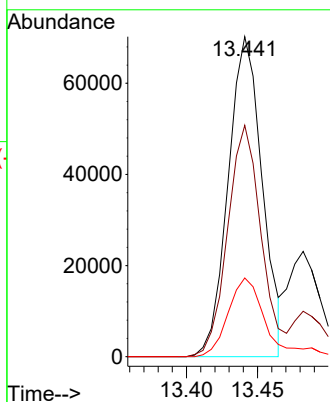
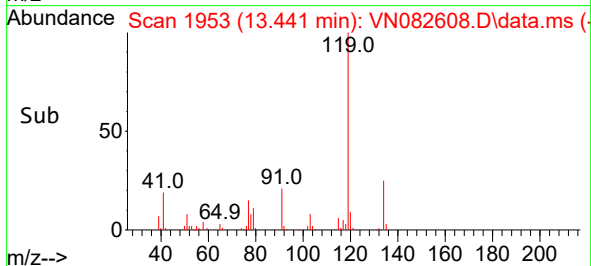
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



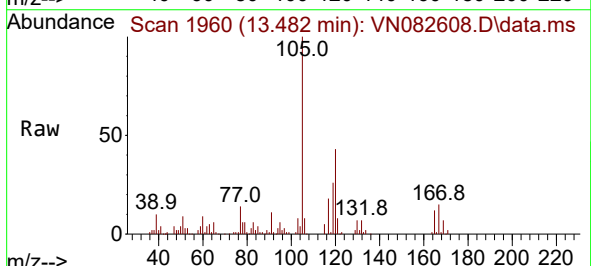
Tgt Ion:119 Resp: 117097
Ion Ratio Lower Upper
119 100
91 71.6 35.0 105.1
134 27.2 13.3 39.8

Manual Integrations
APPROVED

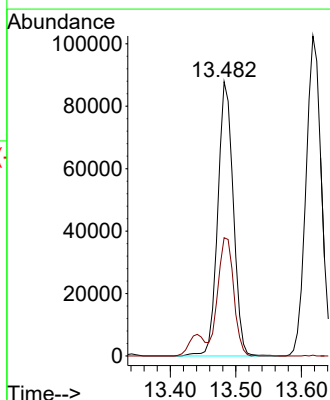
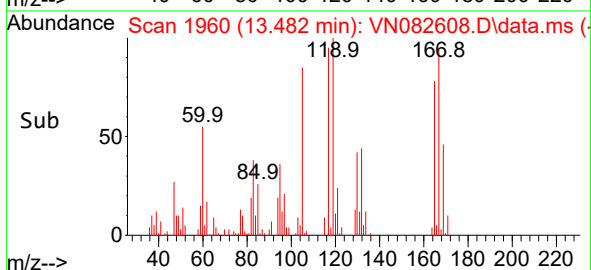
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

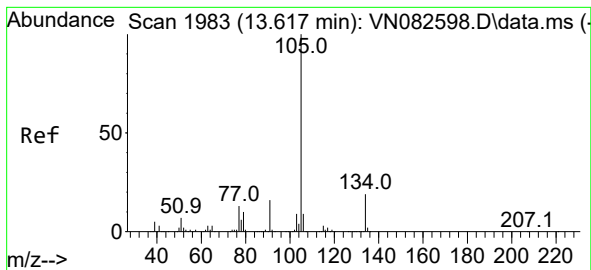


#84
1,2,4-Trimethylbenzene
Concen: 19.626 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



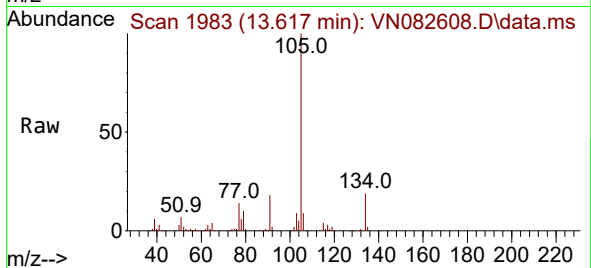
Tgt Ion:105 Resp: 143520
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 18.801 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56

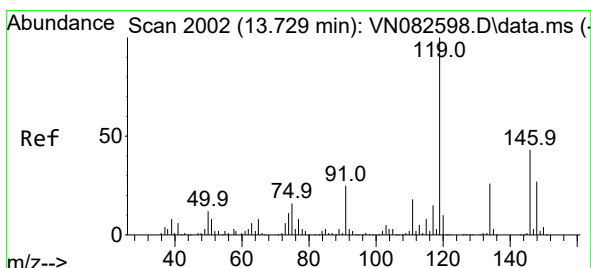
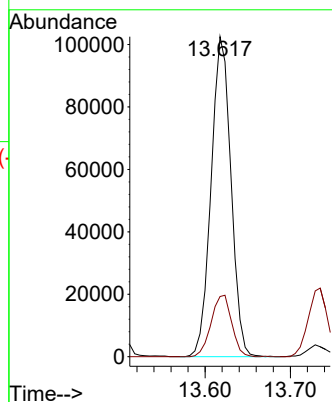
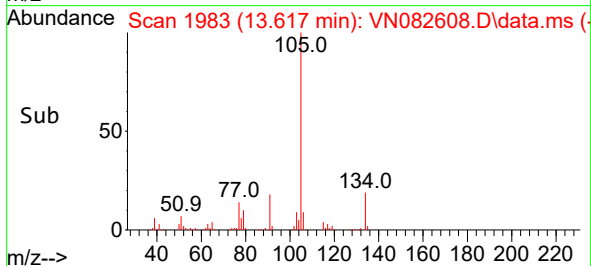
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01



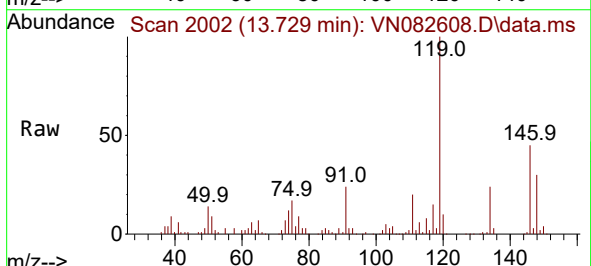
Tgt Ion:105 Resp: 16580
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
 APPROVED

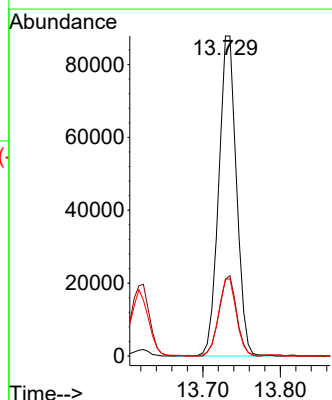
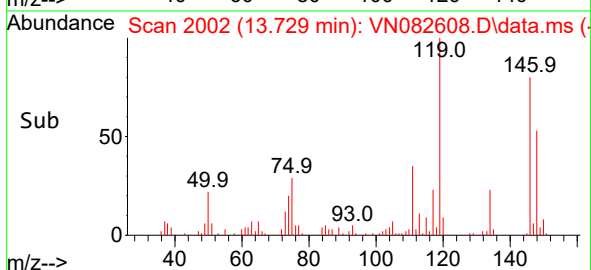
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

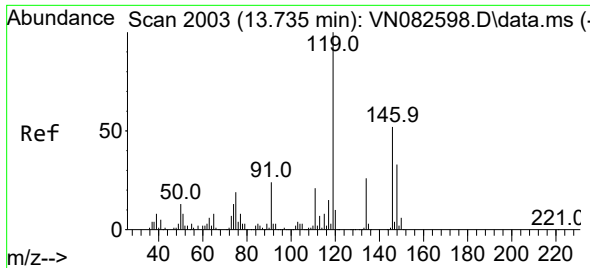


#86
 p-Isopropyltoluene
 Concen: 19.685 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082608.D
 Acq: 17 Jun 2024 14:56



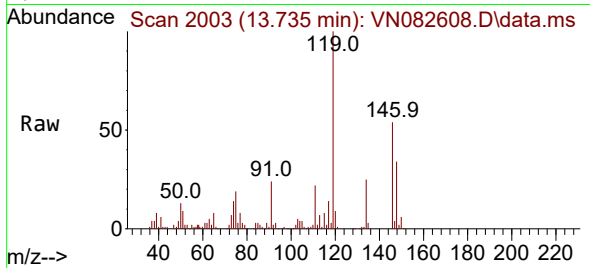
Tgt Ion:119 Resp: 139798
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 24.3 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 18.499 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

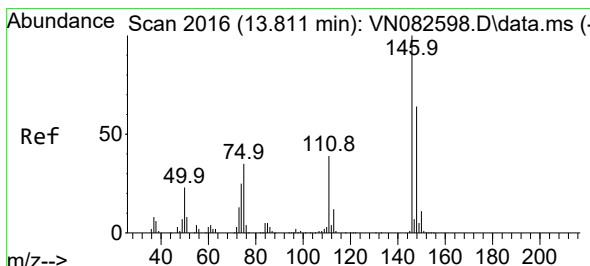
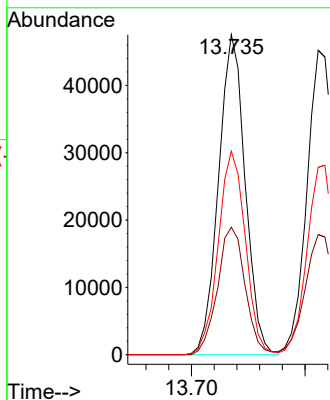
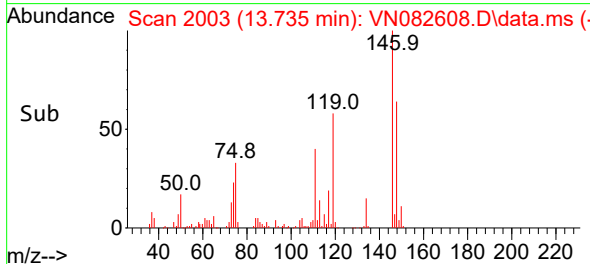
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



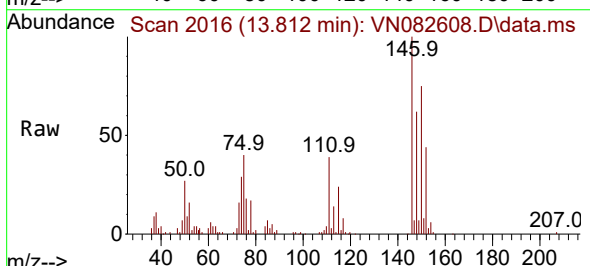
Tgt Ion:146 Resp: 77552
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 64.8 31.8 95.3

Manual Integrations
APPROVED

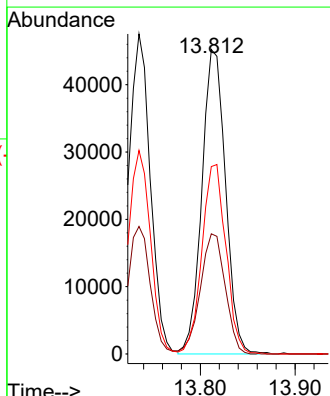
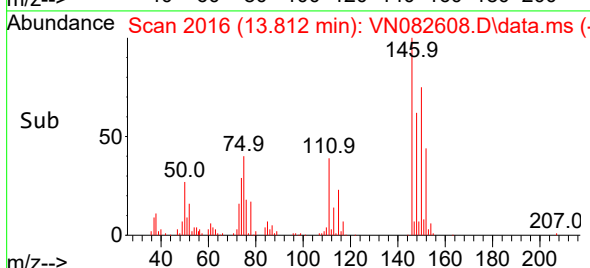
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

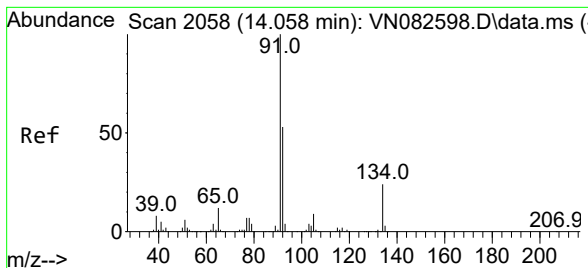


#88
1,4-Dichlorobenzene
Concen: 17.956 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



Tgt Ion:146 Resp: 78681
Ion Ratio Lower Upper
146 100
111 41.6 20.1 60.3
148 63.1 32.2 96.6





#89

n-Butylbenzene

Concen: 18.422 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

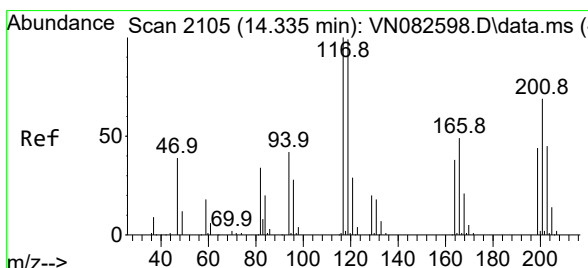
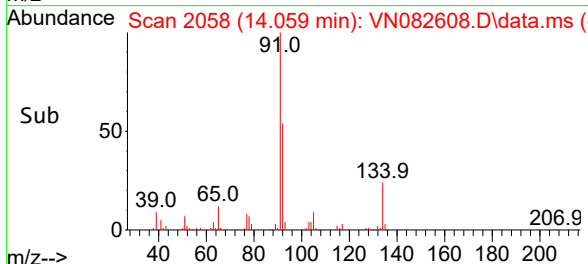
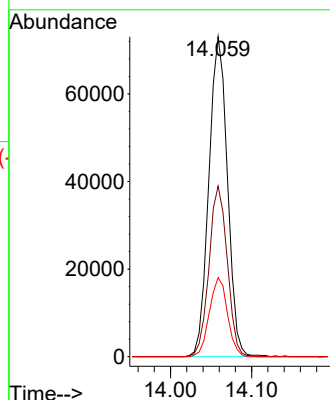
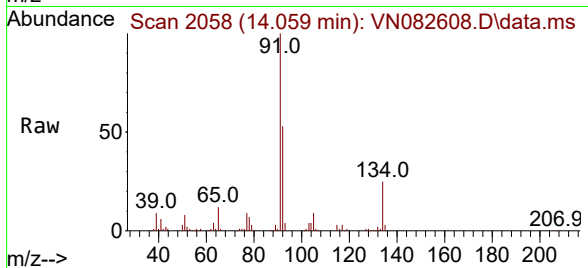
Tgt Ion: 91	Resp: 11604
Ion Ratio	Lower Upper
91	100
92	52.4 26.1 78.3
134	24.0 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#90

Hexachloroethane

Concen: 18.293 ug/l

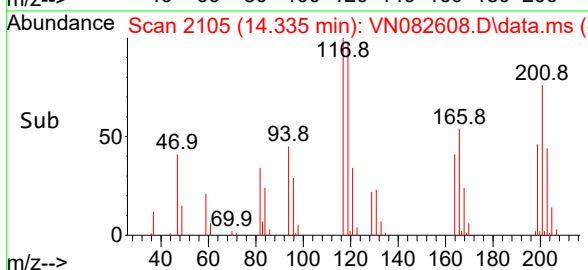
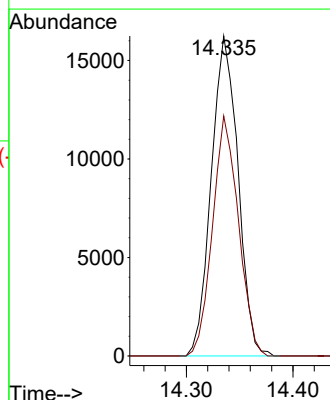
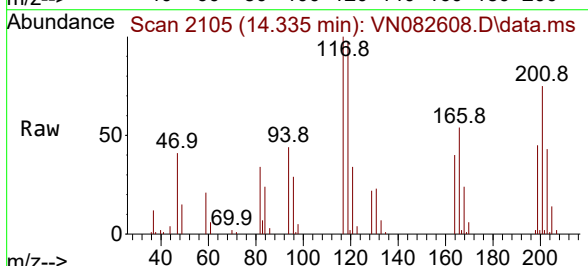
RT: 14.335 min Scan# 2105

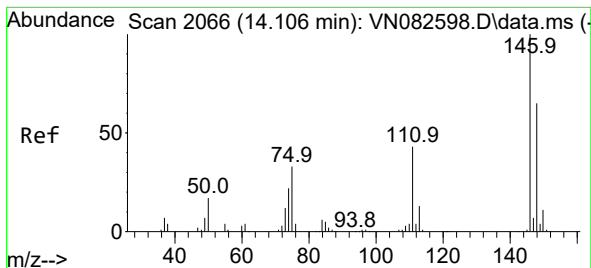
Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

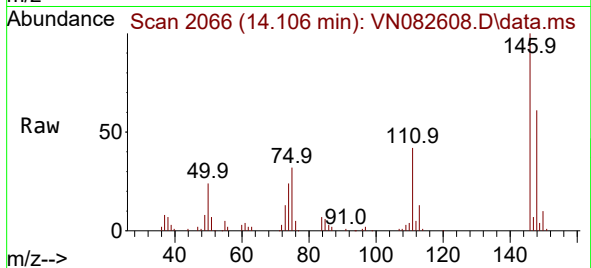
Tgt Ion: 117	Resp: 28265
Ion Ratio	Lower Upper
117	100
201	72.9 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 18.909 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56

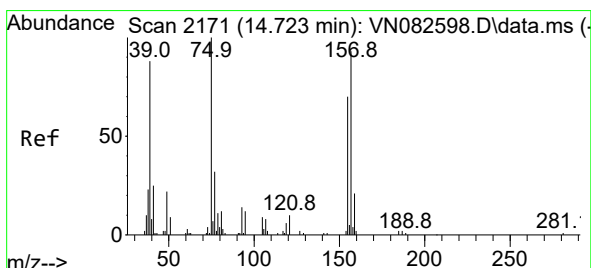
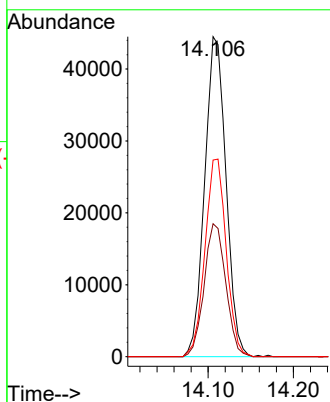
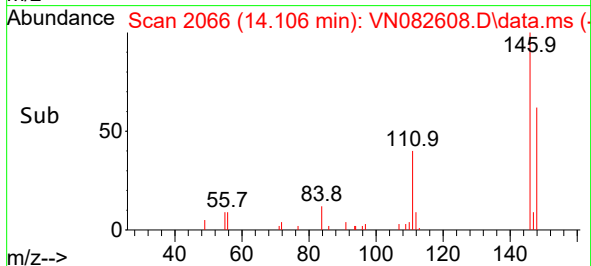
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01



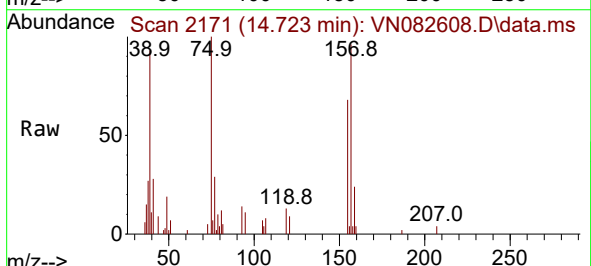
Tgt Ion:146 Resp: 77404
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 61.6 32.1 96.5

Manual Integrations
APPROVED

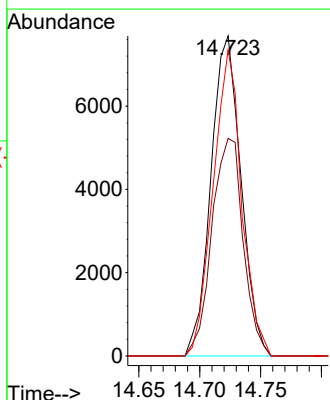
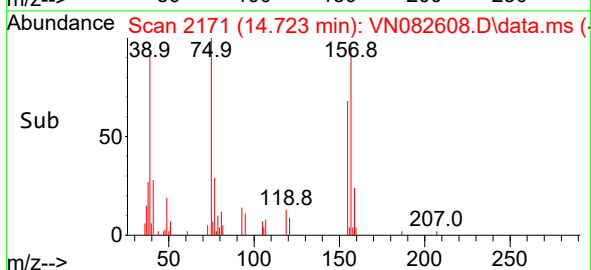
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

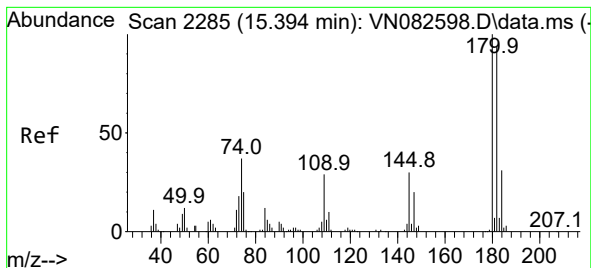


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.298 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082608.D
Acq: 17 Jun 2024 14:56



Tgt Ion: 75 Resp: 13207
Ion Ratio Lower Upper
75 100
155 70.7 36.6 109.8
157 91.1 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 17.815 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

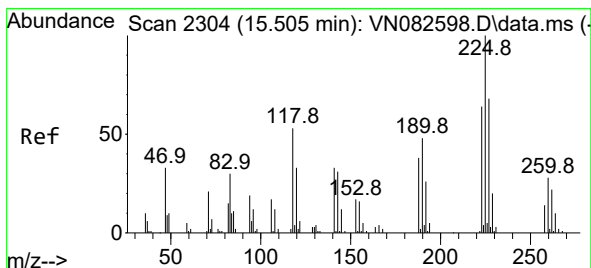
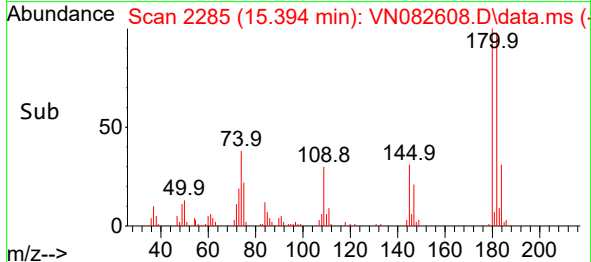
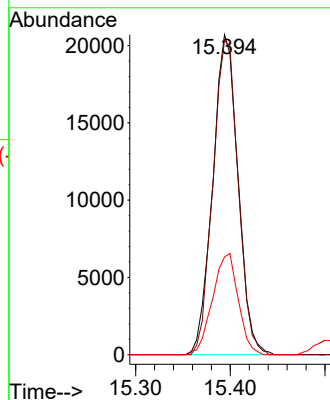
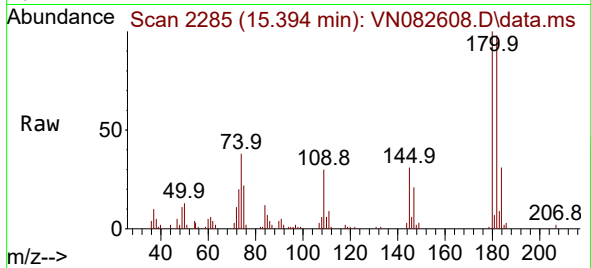
Tgt Ion:180	Resp:	3845
Ion Ratio	Lower	Upper
180	100	
182	98.0	47.3 141.8
145	32.1	15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#94

Hexachlorobutadiene

Concen: 16.504 ug/l

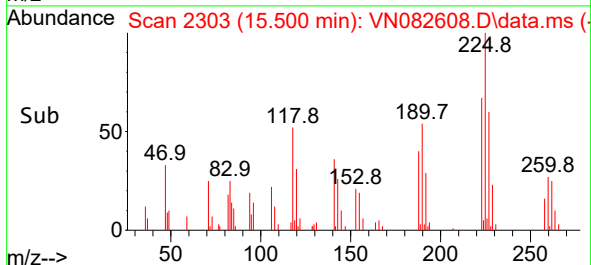
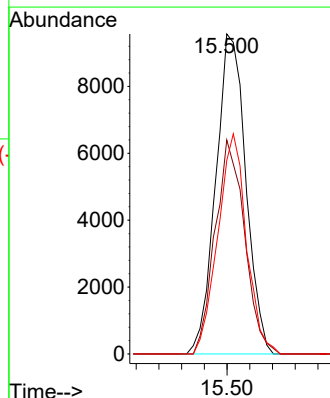
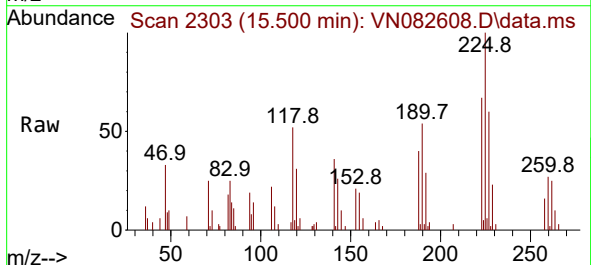
RT: 15.500 min Scan# 2303

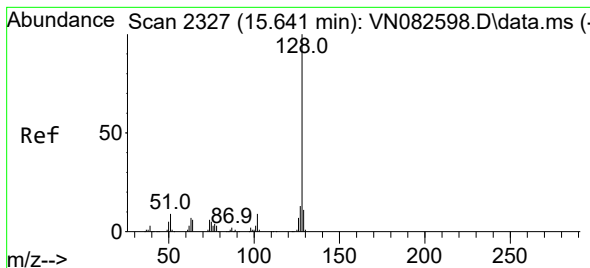
Delta R.T. -0.005 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Tgt Ion:225	Resp:	17564
Ion Ratio	Lower	Upper
225	100	
223	65.7	31.9 95.7
227	65.4	32.5 97.5





#95

Naphthalene

Concen: 19.357 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

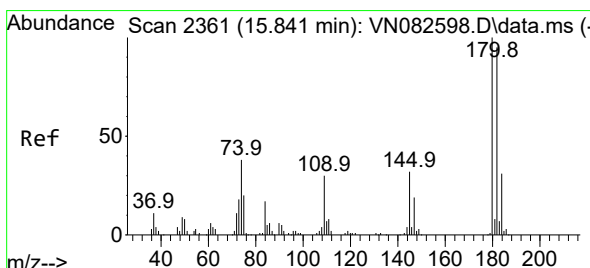
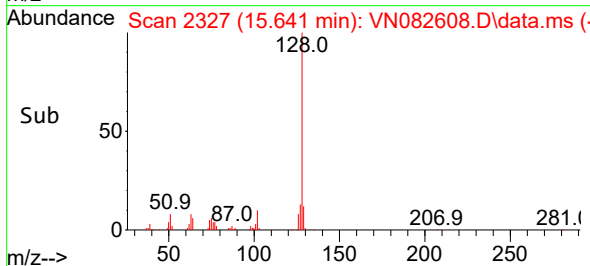
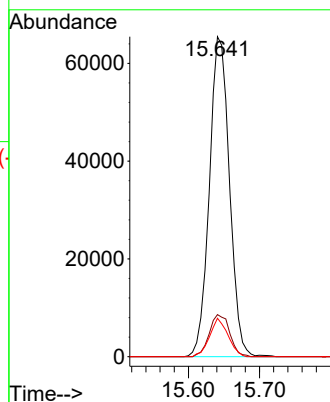
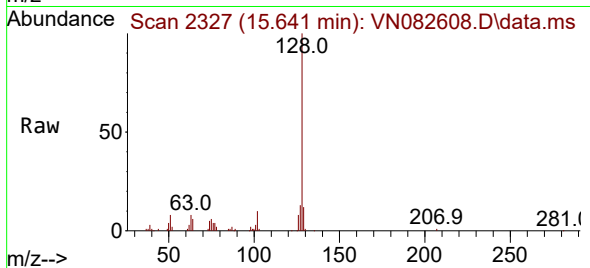
Tgt Ion:	128	Resp:	128540
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.283 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082608.D

Acq: 17 Jun 2024 14:56

Tgt Ion:	180	Resp:	40218
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.9	146.8
145	33.4	16.8	50.4

