

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082623.D
 Acq On : 18 Jun 2024 11:06
 Operator : JC\MD
 Sample : VN0618WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 00:52:21 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	8.230	168	170679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149697	54.692	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.380%			
35) Dibromofluoromethane	8.165	113	104152	53.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	10.571	98	395902	53.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.847	95	129817	51.020	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46506	19.510	ug/l	97
3) Chloromethane	2.359	50	52624	18.416	ug/l	97
4) Vinyl Chloride	2.512	62	52850	19.434	ug/l	99
5) Bromomethane	2.953	94	31586	18.043	ug/l	99
6) Chloroethane	3.118	64	36072	18.602	ug/l	98
7) Trichlorofluoromethane	3.495	101	66770	18.820	ug/l	98
8) Diethyl Ether	3.959	74	22015	18.220	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	39514	19.884	ug/l	97
10) Methyl Iodide	4.583	142	35810	18.917	ug/l #	97
11) Tert butyl alcohol	5.536	59	42816	95.580	ug/l	100
12) 1,1-Dichloroethene	4.348	96	35963	18.924	ug/l	91
13) Acrolein	4.183	56	45849	100.474	ug/l	97
14) Allyl chloride	5.024	41	69208	18.621	ug/l	97
15) Acrylonitrile	5.724	53	115489	97.669	ug/l	99
16) Acetone	4.436	43	117092	94.066	ug/l	98
17) Carbon Disulfide	4.712	76	109873	18.206	ug/l	100
18) Methyl Acetate	5.030	43	59420	19.517	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	124900	19.201	ug/l	94
20) Methylene Chloride	5.277	84	44340	20.261	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	39074	19.347	ug/l	97
22) Diisopropyl ether	6.677	45	154591	19.834	ug/l	97
23) Vinyl Acetate	6.606	43	601675	97.344	ug/l	99
24) 1,1-Dichloroethane	6.577	63	82799	19.610	ug/l	98
25) 2-Butanone	7.488	43	171609	96.992	ug/l	100
26) 2,2-Dichloropropane	7.494	77	70106	19.140	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	44969	18.479	ug/l	98
28) Bromochloromethane	7.818	49	39588	20.545	ug/l	99
29) Tetrahydrofuran	7.841	42	110871	102.362	ug/l	99
30) Chloroform	7.971	83	80914	19.645	ug/l	97
31) Cyclohexane	8.259	56	71947	18.214	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	73750	19.746	ug/l	95
36) 1,1-Dichloropropene	8.377	75	56143	19.244	ug/l	99
37) Ethyl Acetate	7.565	43	69477	18.696	ug/l	99
38) Carbon Tetrachloride	8.365	117	62579	19.034	ug/l	96
39) Methylcyclohexane	9.600	83	56369	18.360	ug/l	96
40) Benzene	8.606	78	175575	19.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	35567	18.724	ug/l	96
42) 1,2-Dichloroethane	8.671	62	66754	19.468	ug/l	100
43) Isopropyl Acetate	8.694	43	124020	17.857	ug/l	99
44) Trichloroethene	9.353	130	39788	19.008	ug/l	96
45) 1,2-Dichloropropane	9.624	63	45239	19.497	ug/l	99
46) Dibromomethane	9.712	93	31154	19.807	ug/l	99
47) Bromodichloromethane	9.888	83	65773	19.614	ug/l	97
48) Methyl methacrylate	9.682	41	56693	19.802	ug/l	99
49) 1,4-Dioxane	9.700	88	19383	432.823	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	364532	102.334	ug/l	99
52) Toluene	10.635	92	107856	19.743	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	66147	19.296	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	68819	19.414	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	40438	20.451	ug/l	98
56) Ethyl methacrylate	10.876	69	62508	19.087	ug/l	98
57) 1,3-Dichloropropane	11.165	76	72365	19.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	146710	84.686	ug/l	98
59) 2-Hexanone	11.200	43	271502	100.281	ug/l	99
60) Dibromochloromethane	11.365	129	47435	19.652	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40536	19.444	ug/l	97
64) Tetrachloroethene	11.106	164	38657	17.874	ug/l	95
65) Chlorobenzene	11.894	112	112375	18.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	40708	18.980	ug/l	98
67) Ethyl Benzene	11.965	91	189727	18.512	ug/l	98
68) m/p-Xylenes	12.071	106	147459	38.673	ug/l	98
69) o-Xylene	12.400	106	69436	19.383	ug/l	97
70) Styrene	12.412	104	119147	19.596	ug/l	99
71) Bromoform	12.582	173	32557	19.199	ug/l #	99
73) Isopropylbenzene	12.694	105	174564	18.709	ug/l	100
74) N-amyl acetate	12.494	43	96592	19.398	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58949	19.369	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	54908m	18.271	ug/l	
77) Bromobenzene	12.982	156	45048	18.757	ug/l	99
78) n-propylbenzene	13.035	91	211402	19.155	ug/l	99
79) 2-Chlorotoluene	13.129	91	130512	18.857	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	146335	19.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21644	17.230	ug/l	88
82) 4-Chlorotoluene	13.223	91	127901	18.499	ug/l	98
83) tert-Butylbenzene	13.441	119	120778	18.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150349	19.794	ug/l	99
85) sec-Butylbenzene	13.617	105	170115	18.572	ug/l	100
86) p-Isopropyltoluene	13.729	119	141602	19.197	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	80842	18.565	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	81124	17.824	ug/l	99
89) n-Butylbenzene	14.059	91	119440	18.255	ug/l	99
90) Hexachloroethane	14.335	117	29022	18.083	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	78069	18.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12976	20.146	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	38110	16.998	ug/l	98
94) Hexachlorobutadiene	15.500	225	18052	16.330	ug/l	98
95) Naphthalene	15.647	128	122354	17.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40212	17.600	ug/l	96

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

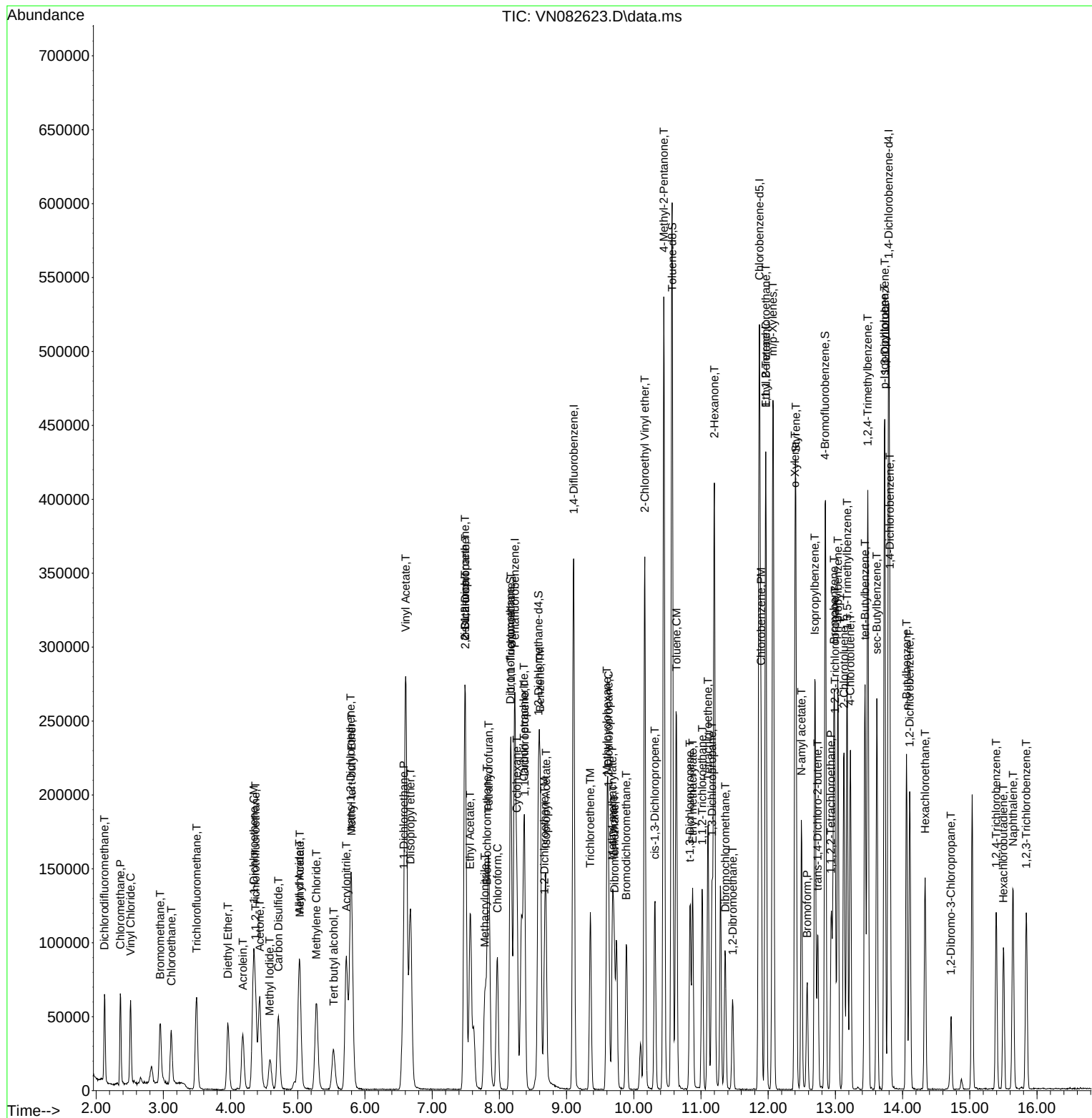
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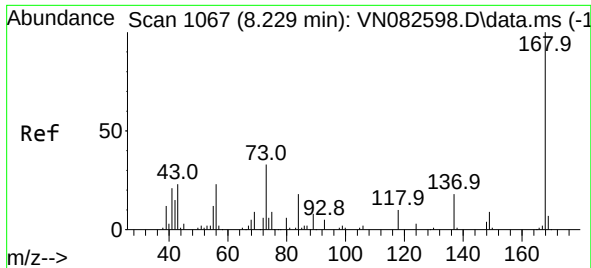
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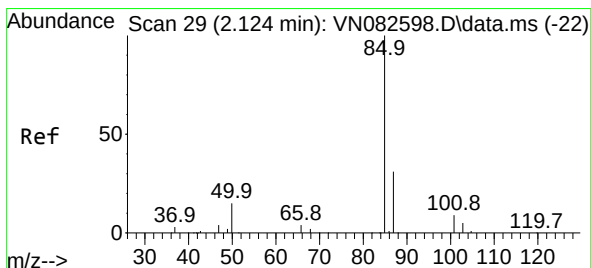
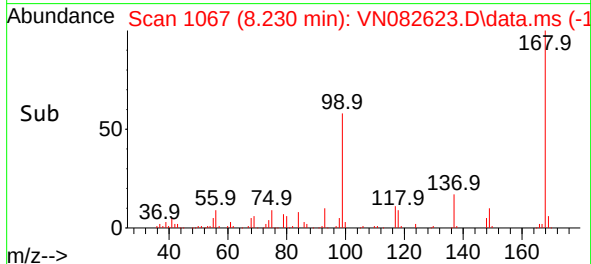
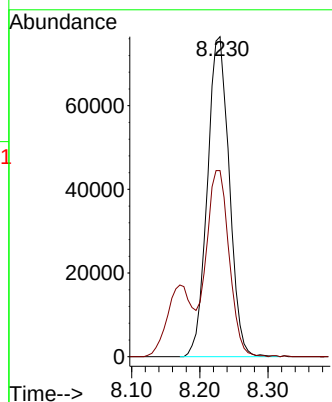
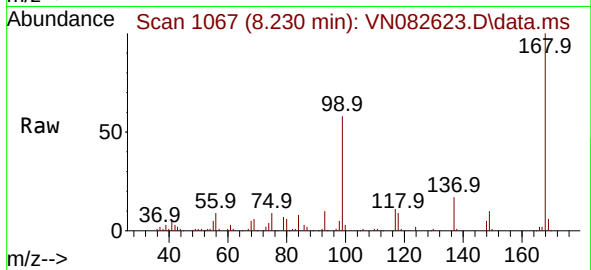
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082623.D
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ClientSampleId :
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Tgt Ion:168 Resp: 170679
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4

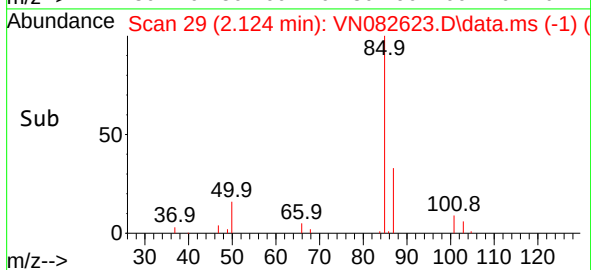
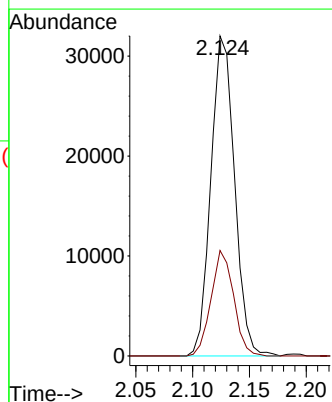
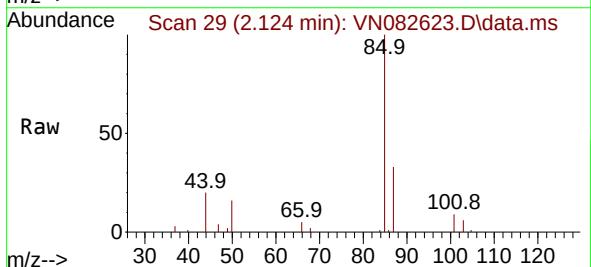
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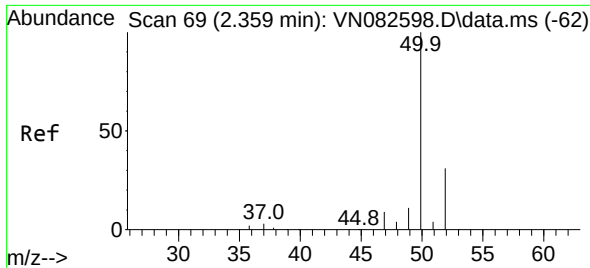
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#2
Dichlorodifluoromethane
Concen: 19.510 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion: 85 Resp: 46506
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





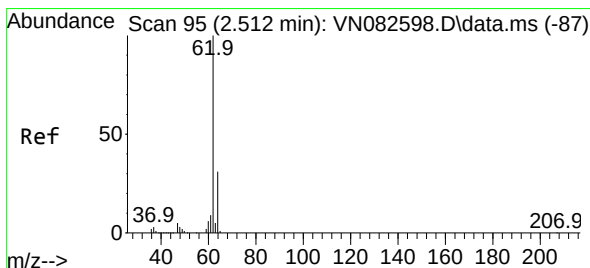
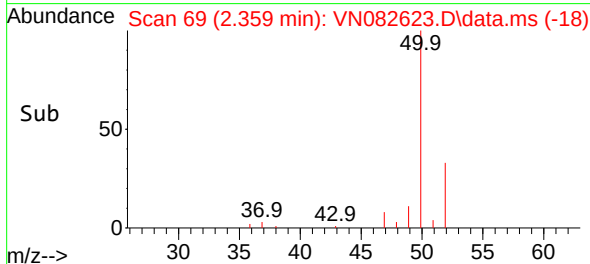
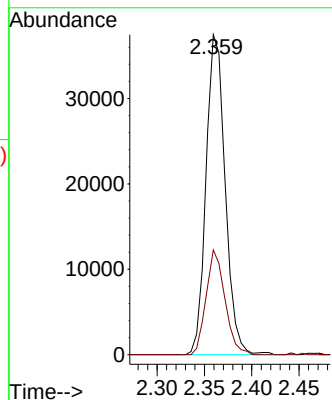
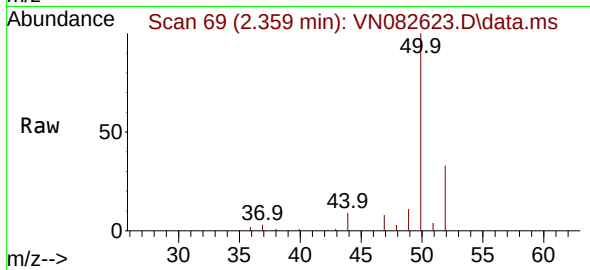
#3
Chloromethane
Concen: 18.416 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
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Tgt Ion: 50 Resp: 52624
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4

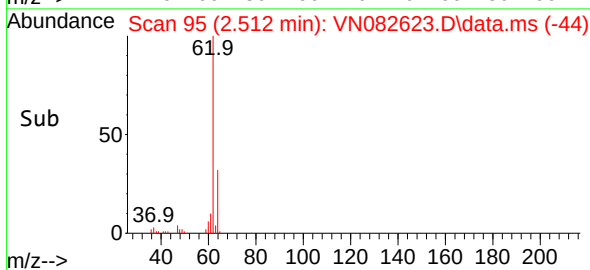
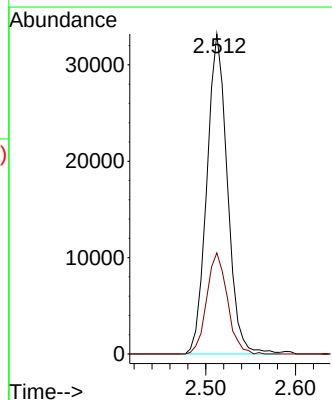
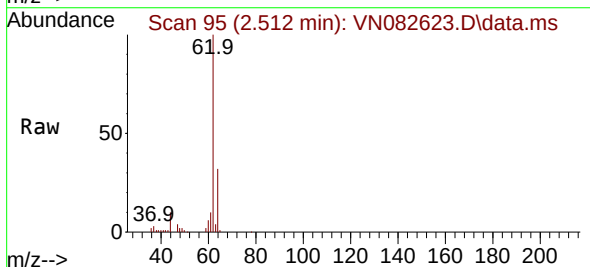
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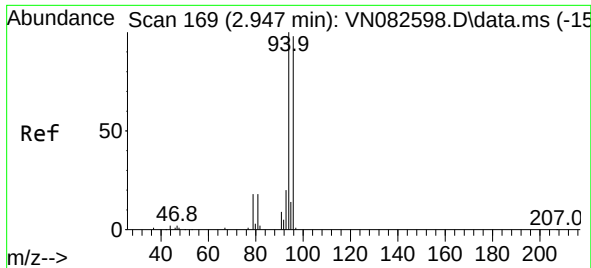
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#4
Vinyl Chloride
Concen: 19.434 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

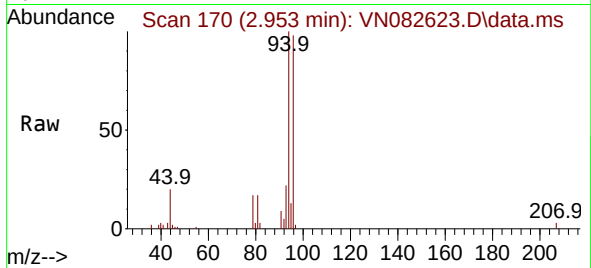
Tgt Ion: 62 Resp: 52850
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6





#5
Bromomethane
Concen: 18.043 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

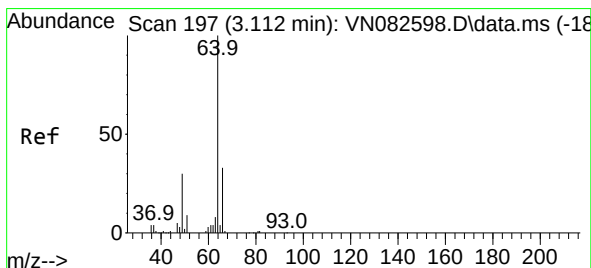
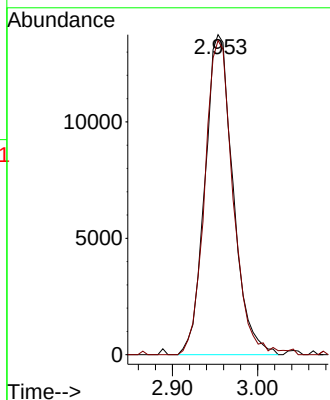
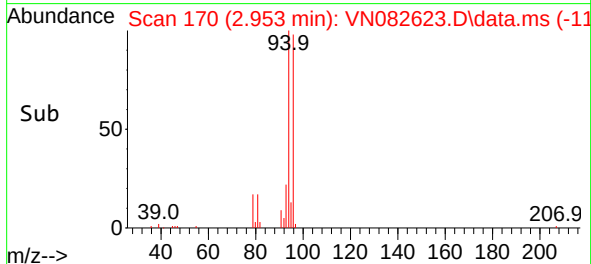
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Tgt Ion: 94 Resp: 3158
Ion Ratio Lower Upper
94 100
96 98.1 78.0 117.0

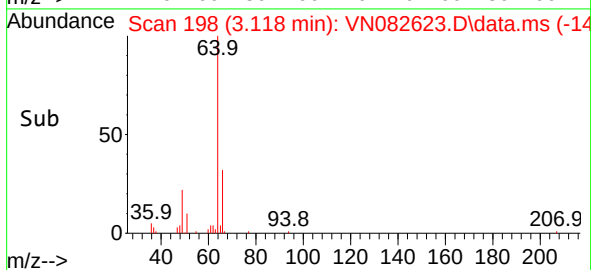
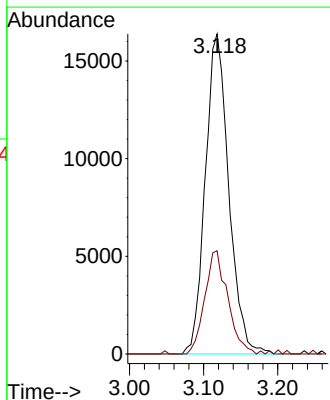
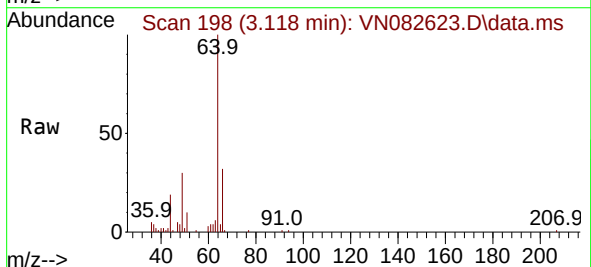
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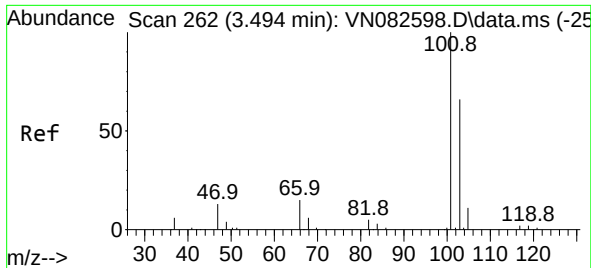
Reviewed By :John Carlone 06/19/2024
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#6
Chloroethane
Concen: 18.602 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

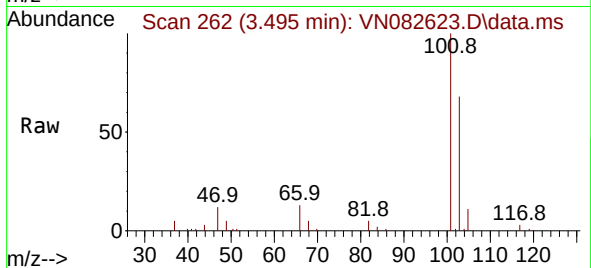
Tgt Ion: 64 Resp: 36072
Ion Ratio Lower Upper
64 100
66 32.3 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 18.820 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06

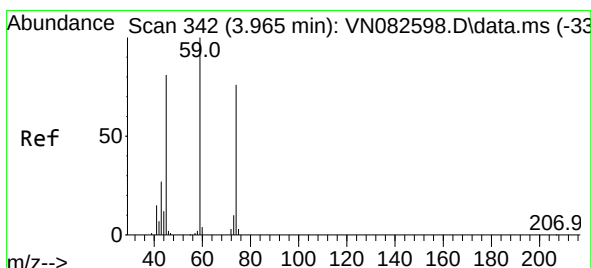
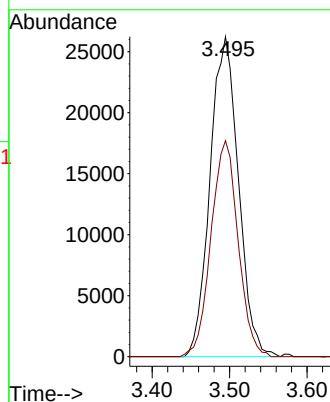
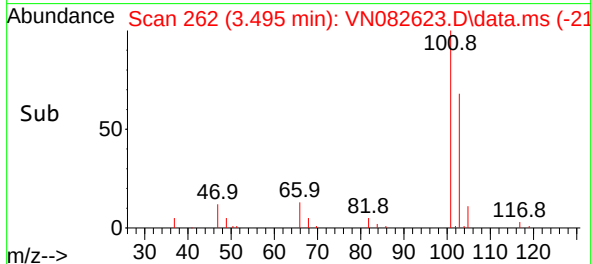
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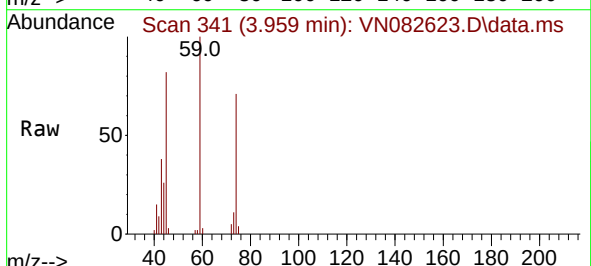
Tgt Ion:101 Resp: 66770
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.7 79.1

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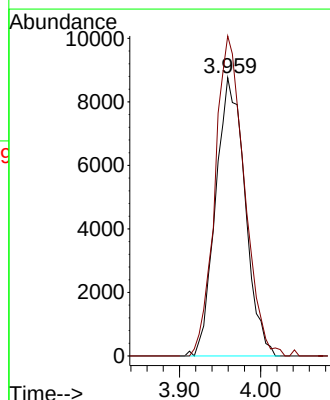
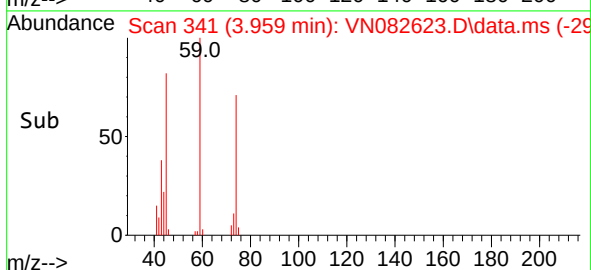
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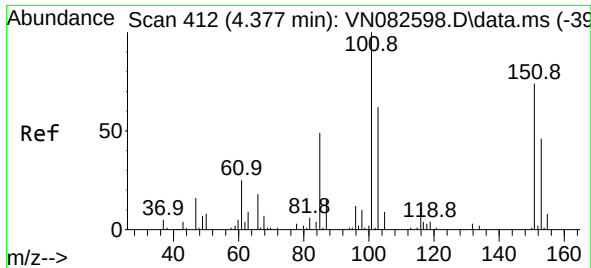


#8
 Diethyl Ether
 Concen: 18.220 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06



Tgt Ion: 74 Resp: 22015
 Ion Ratio Lower Upper
 74 100
 45 114.7 55.5 166.3





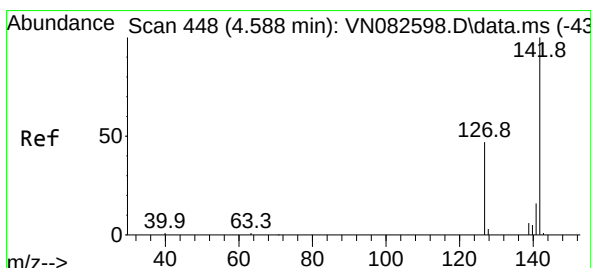
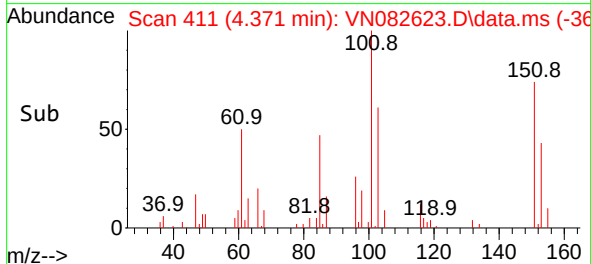
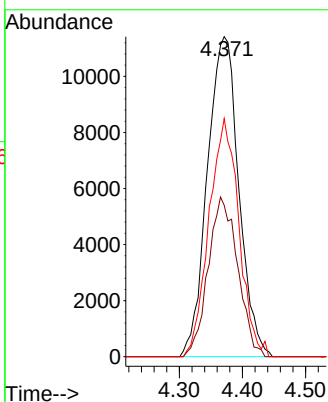
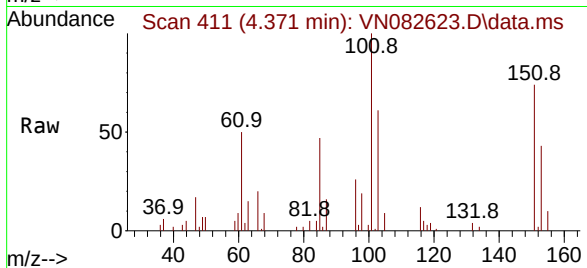
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.884 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion:101 Resp: 39514
Ion Ratio Lower Upper
101 100
85 46.8 38.3 57.5
151 70.6 59.3 88.9

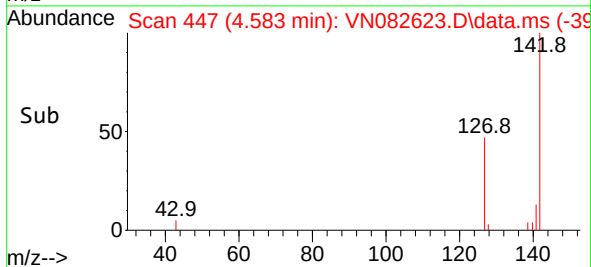
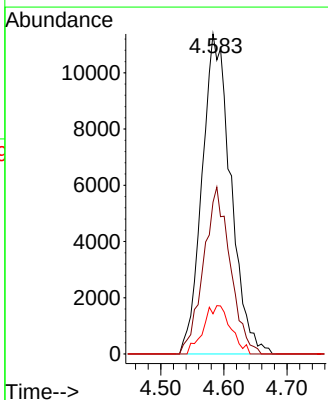
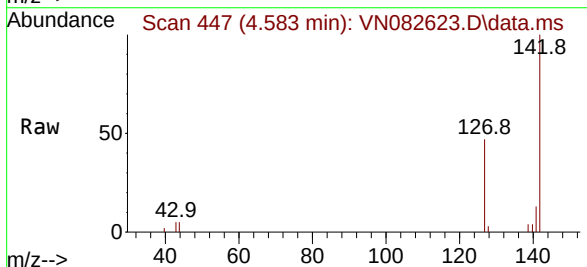
Manual Integrations
APPROVED

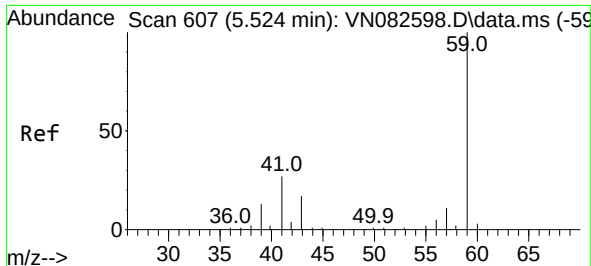
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#10
Methyl Iodide
Concen: 18.917 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:142 Resp: 35810
Ion Ratio Lower Upper
142 100
127 47.4 37.5 56.3
141 12.6 13.1 19.7#





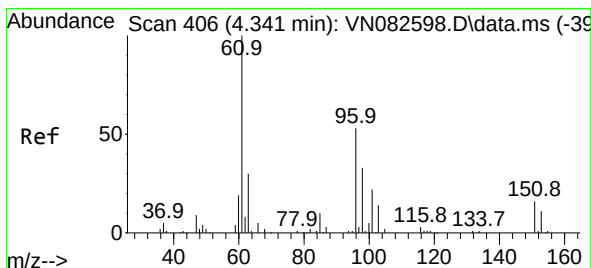
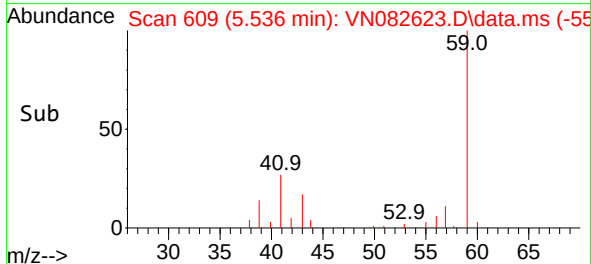
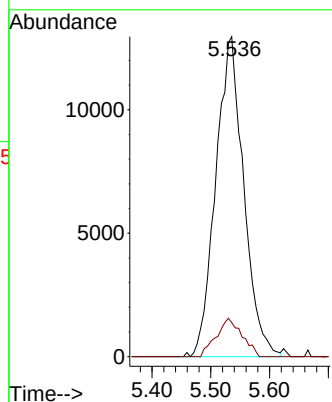
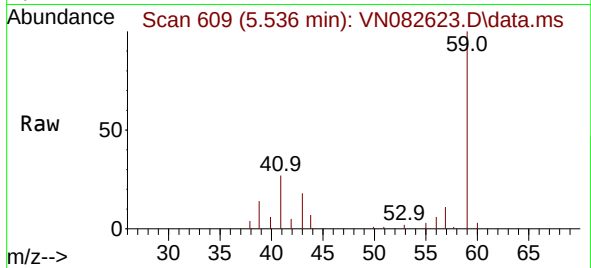
#11
Tert butyl alcohol
Concen: 95.580 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion: 59 Resp: 42810
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

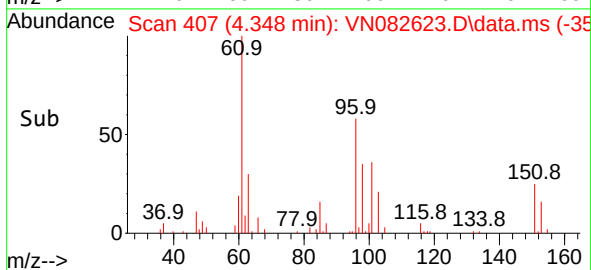
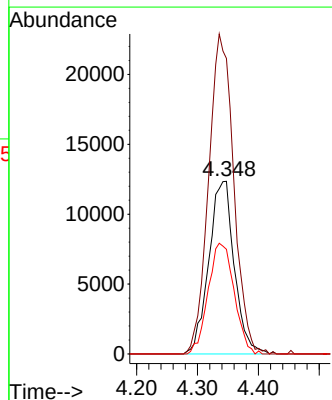
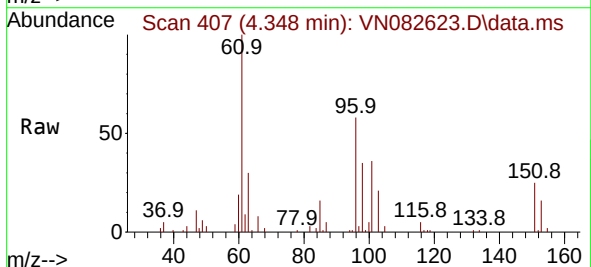
Manual Integrations
APPROVED

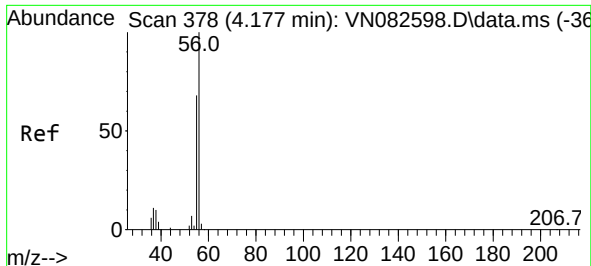
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#12
1,1-Dichloroethene
Concen: 18.924 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

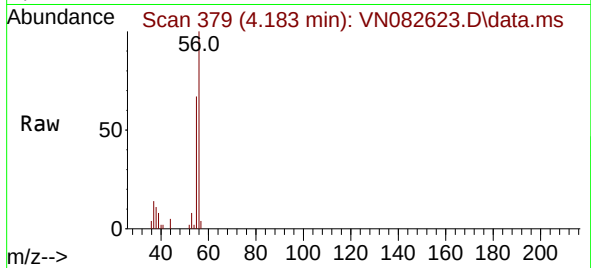
Tgt Ion: 96 Resp: 35963
Ion Ratio Lower Upper
96 100
61 171.2 149.7 224.5
98 60.6 50.1 75.1





#13
Acrolein
Concen: 100.474 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

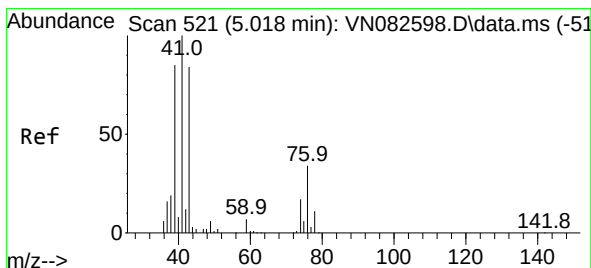
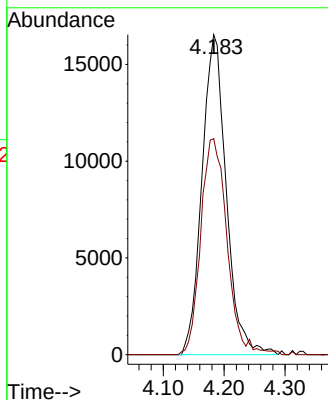
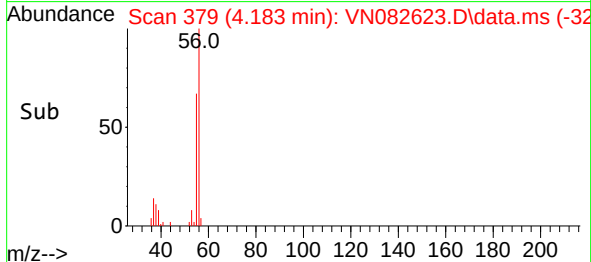
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 56 Resp: 45849
Ion Ratio Lower Upper
56 100
55 72.9 56.4 84.6

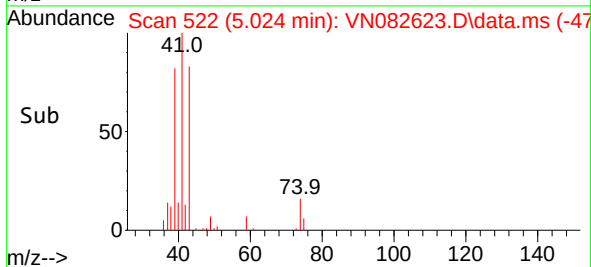
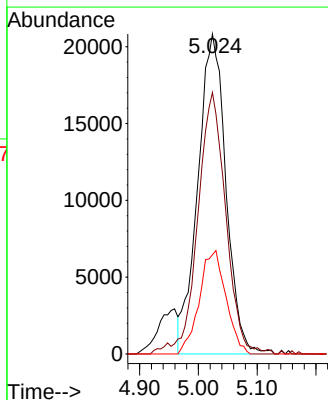
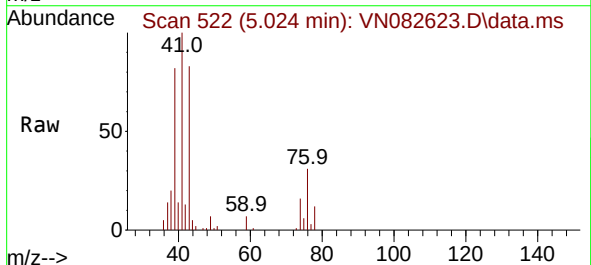
Manual Integrations
APPROVED

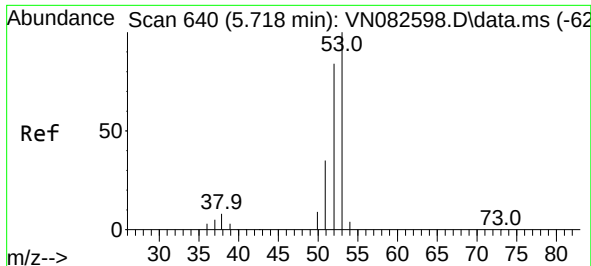
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#14
Allyl chloride
Concen: 18.621 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

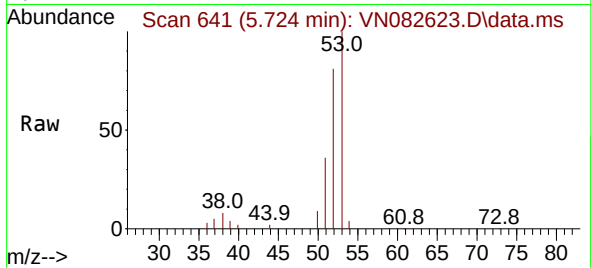
Tgt Ion: 41 Resp: 69208
Ion Ratio Lower Upper
41 100
39 81.4 67.8 101.6
76 30.6 25.8 38.8





#15
Acrylonitrile
Concen: 97.669 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

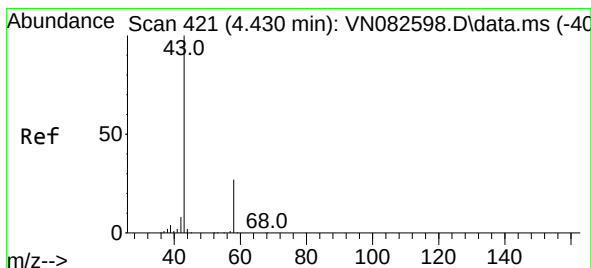
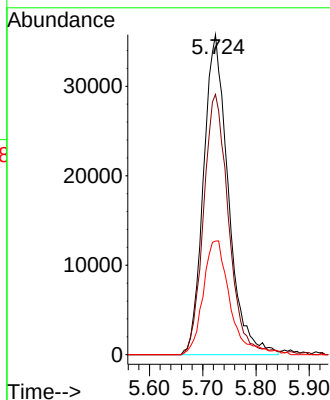
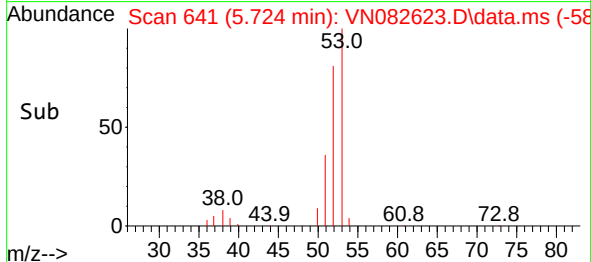
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 53 Resp: 115489
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 38.7 30.1 45.1

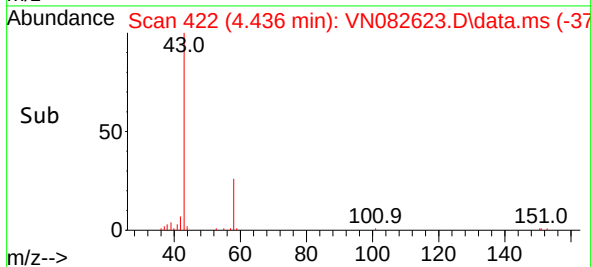
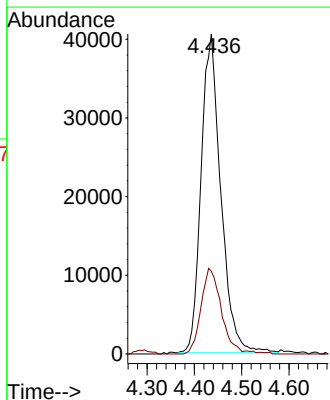
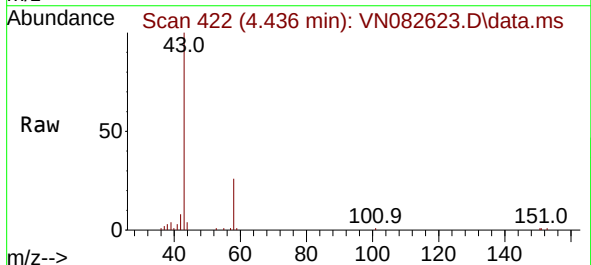
Manual Integrations
APPROVED

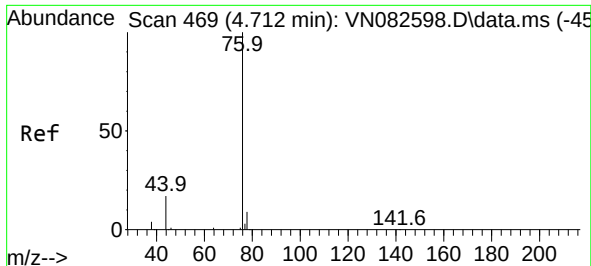
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#16
Acetone
Concen: 94.066 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

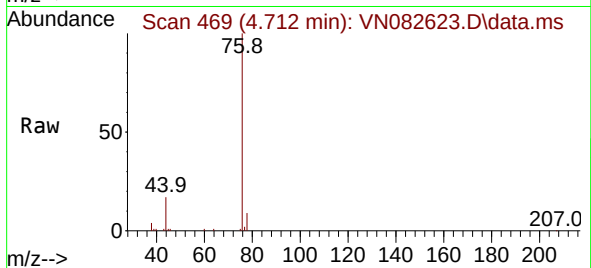
Tgt Ion: 43 Resp: 117092
Ion Ratio Lower Upper
43 100
58 25.9 21.8 32.6





#17
Carbon Disulfide
Concen: 18.206 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

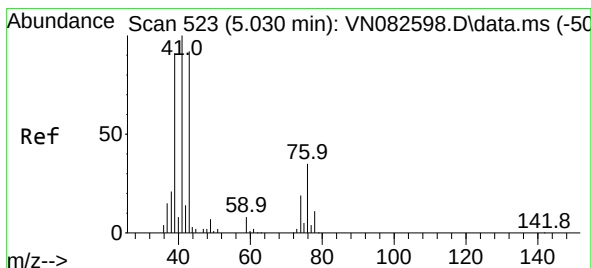
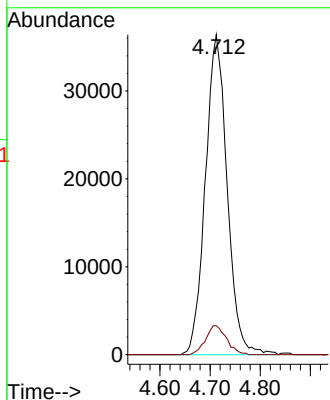
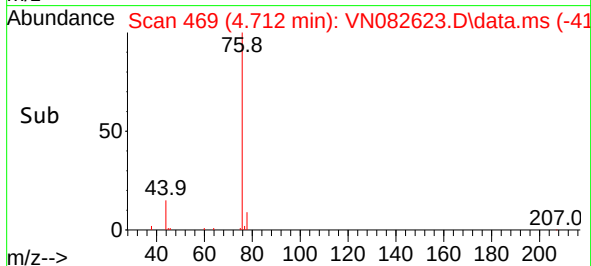
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 76 Resp: 10987
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

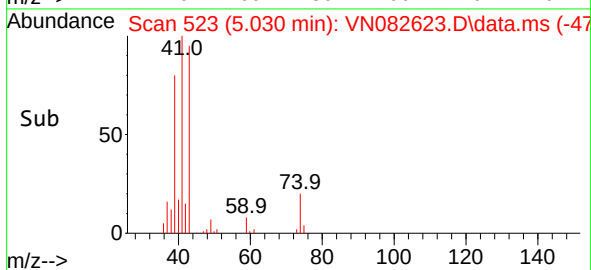
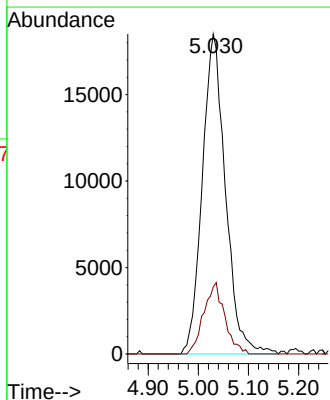
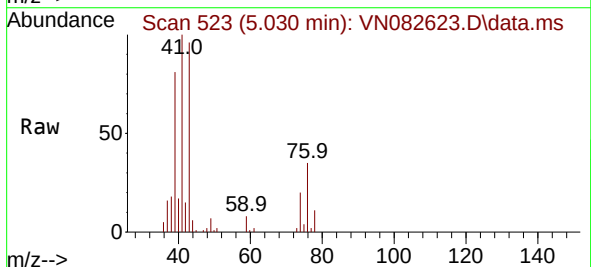
Manual Integrations
APPROVED

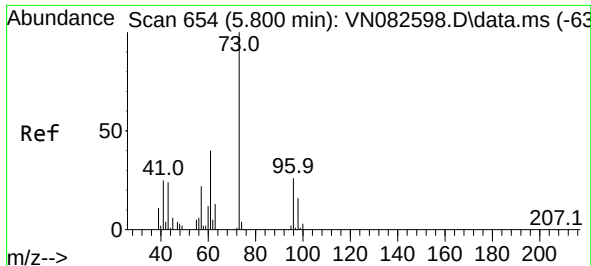
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#18
Methyl Acetate
Concen: 19.517 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

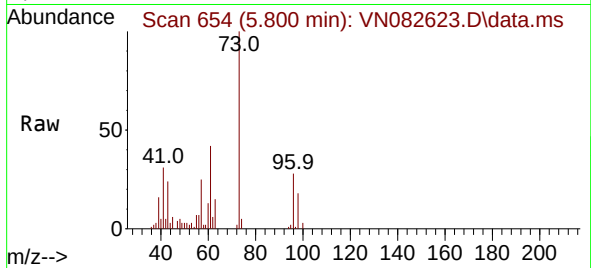
Tgt Ion: 43 Resp: 59420
Ion Ratio Lower Upper
43 100
74 20.2 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 19.201 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

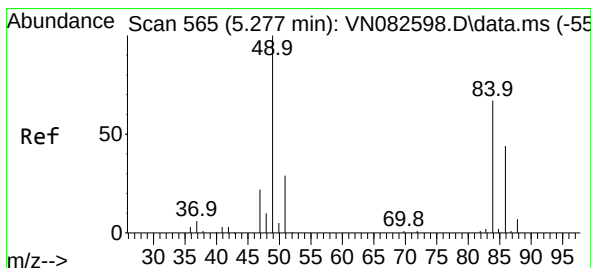
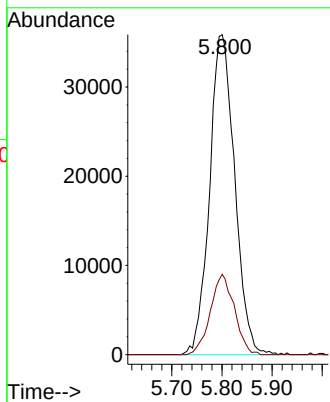
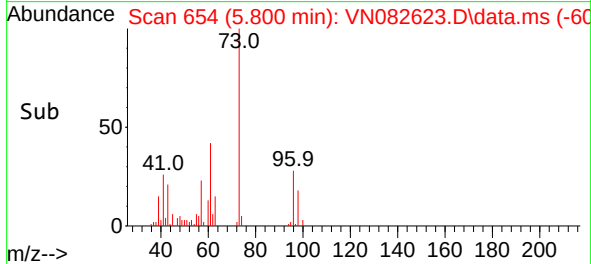
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 73 Resp: 124900
Ion Ratio Lower Upper
73 100
57 25.1 17.9 26.9

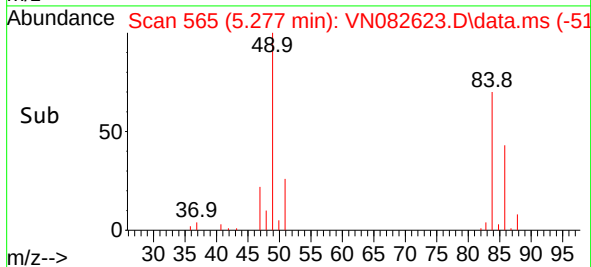
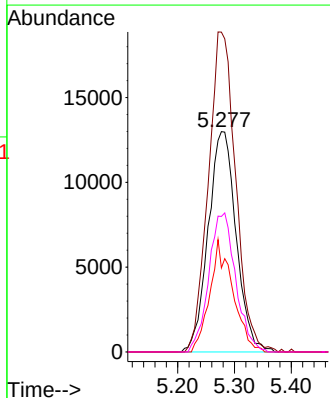
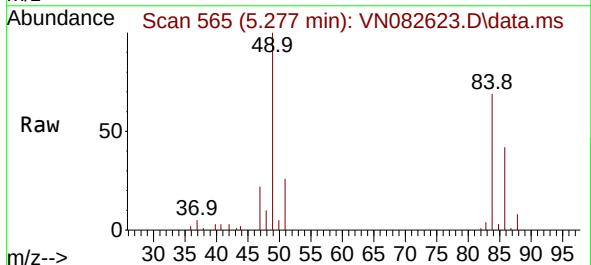
Manual Integrations
APPROVED

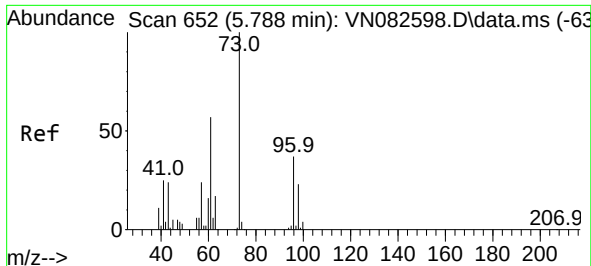
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 20.261 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

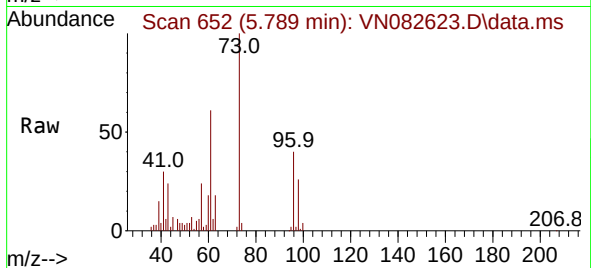
Tgt Ion: 84 Resp: 44340
Ion Ratio Lower Upper
84 100
49 145.2 119.6 179.4
51 38.1 34.8 52.2
86 61.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.347 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

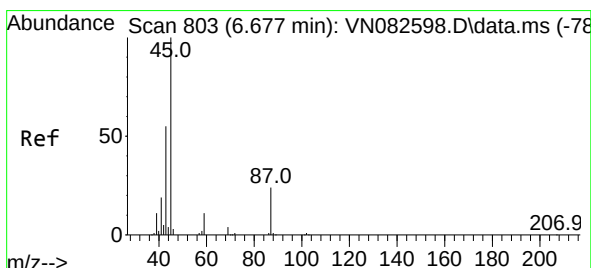
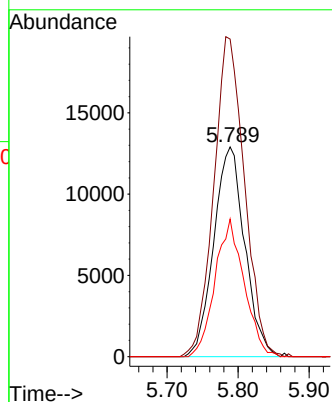
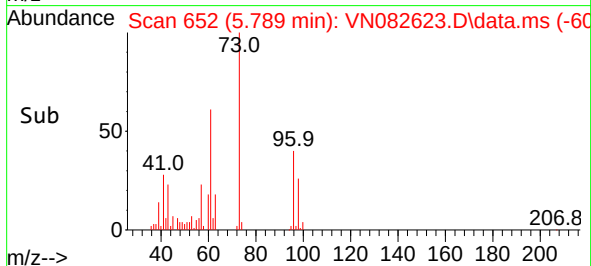
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 96 Resp: 39074
Ion Ratio Lower Upper
96 100
61 151.4 123.4 185.2
98 65.6 49.3 73.9

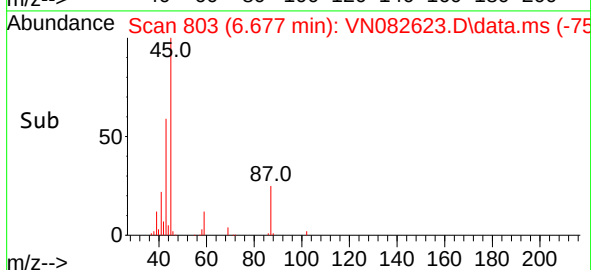
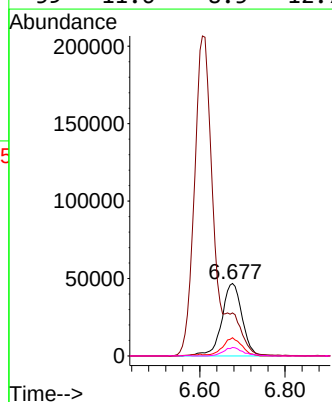
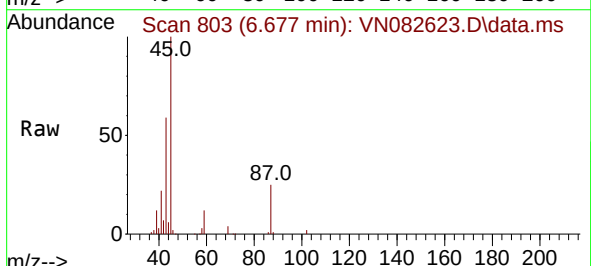
Manual Integrations
APPROVED

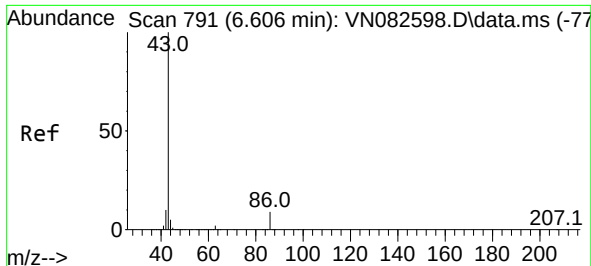
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#22
Diisopropyl ether
Concen: 19.834 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

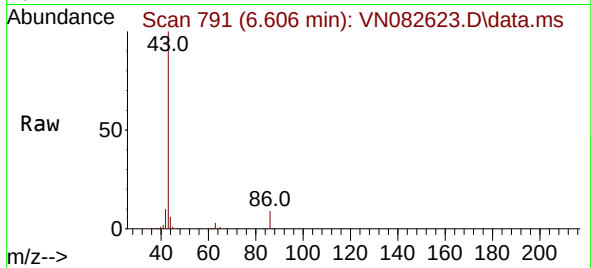
Tgt Ion: 45 Resp: 154591
Ion Ratio Lower Upper
45 100
43 58.4 44.0 66.0
87 25.1 19.7 29.5
59 11.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 97.344 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06

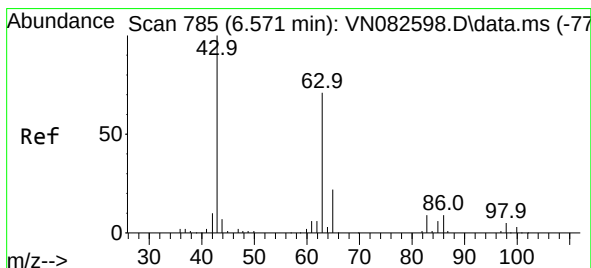
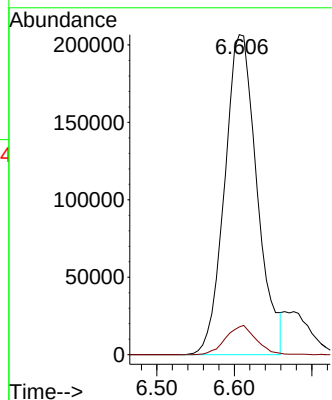
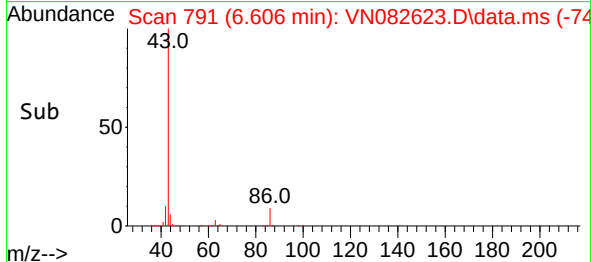
Instrument :
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 ClientSampleId :
 VN0618WBS01



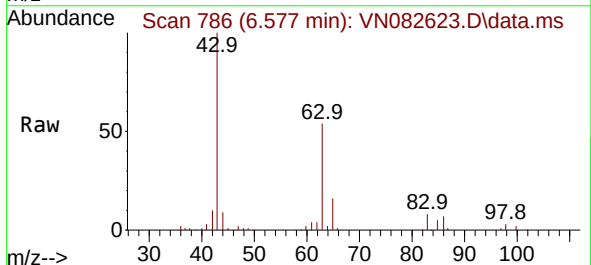
Tgt Ion: 43 Resp: 601679
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.3 10.9

Manual Integrations
 APPROVED

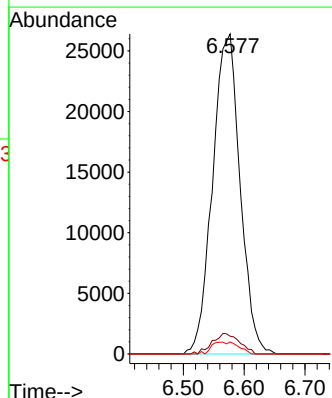
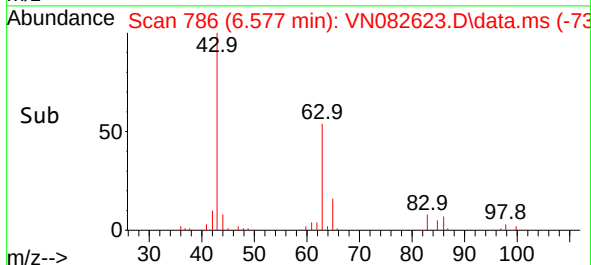
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

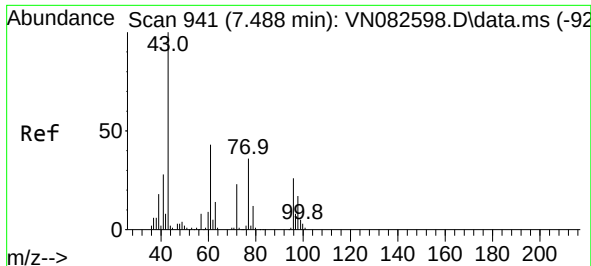


#24
 1,1-Dichloroethane
 Concen: 19.610 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06



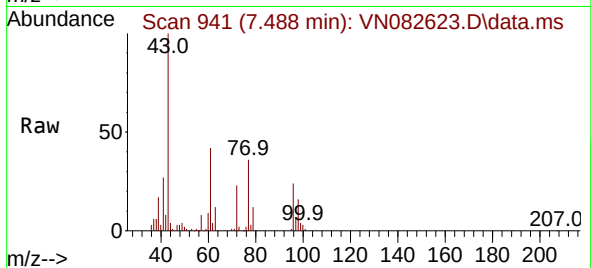
Tgt Ion: 63 Resp: 82799
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 96.992 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

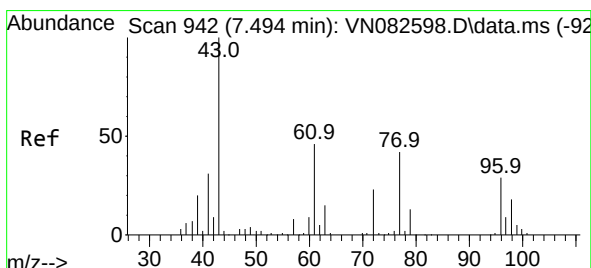
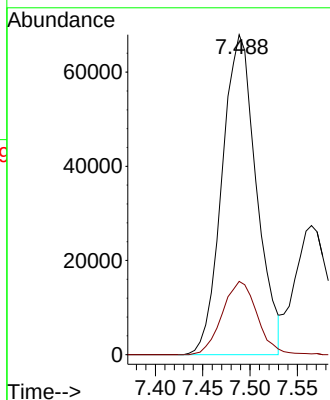
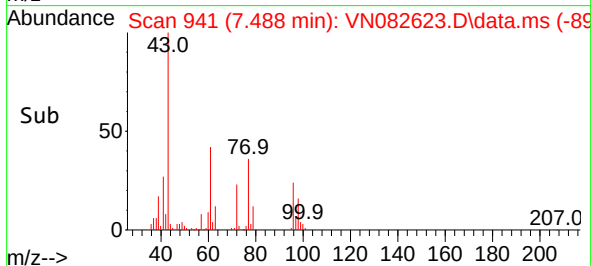
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



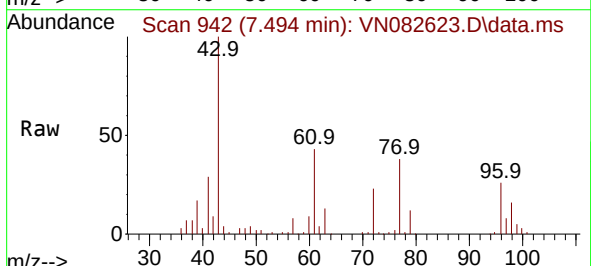
Tgt Ion: 43 Resp: 171609
Ion Ratio Lower Upper
43 100
72 22.9 18.2 27.2

Manual Integrations
APPROVED

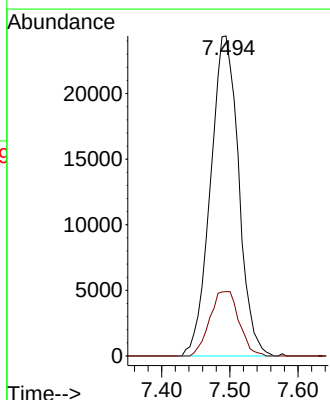
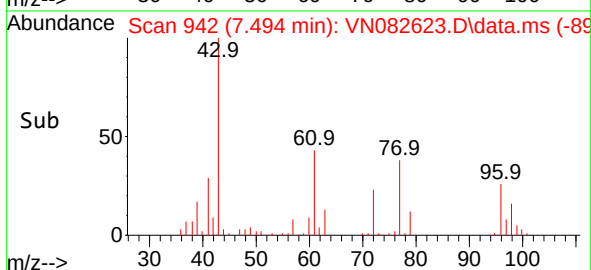
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

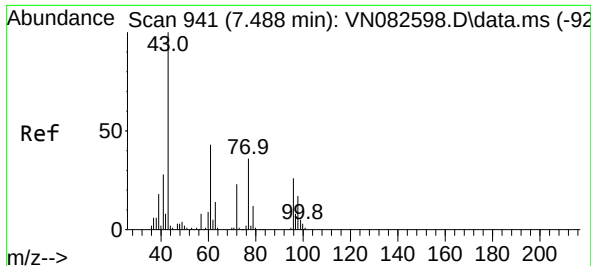


#26
2,2-Dichloropropane
Concen: 19.140 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



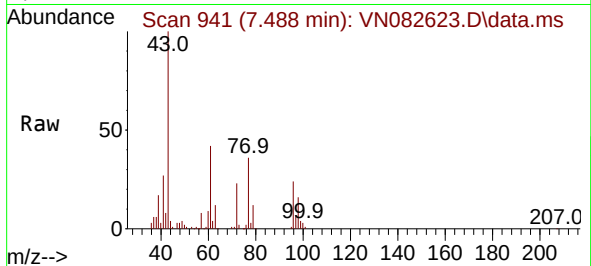
Tgt Ion: 77 Resp: 70106
Ion Ratio Lower Upper
77 100
97 20.9 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.479 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06

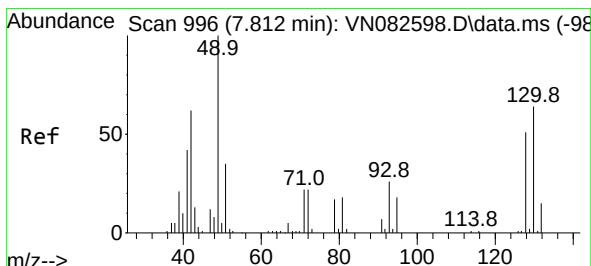
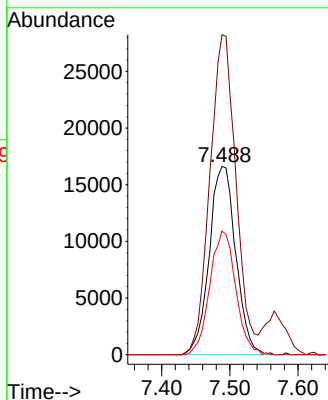
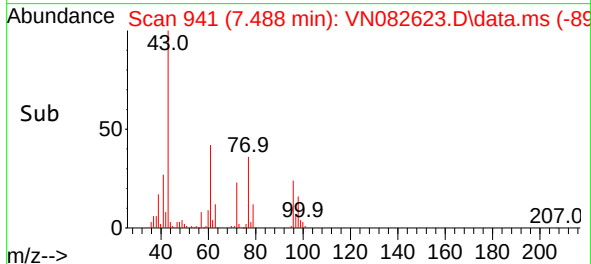
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01



Tgt Ion: 96 Resp: 44969
 Ion Ratio Lower Upper
 96 100
 61 167.5 0.0 329.6
 98 64.1 0.0 128.6

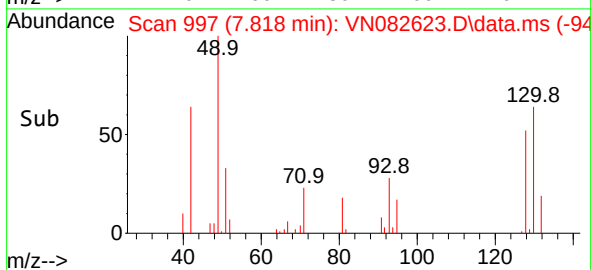
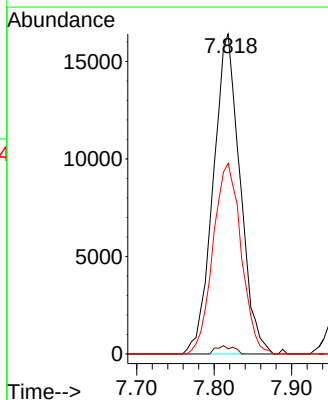
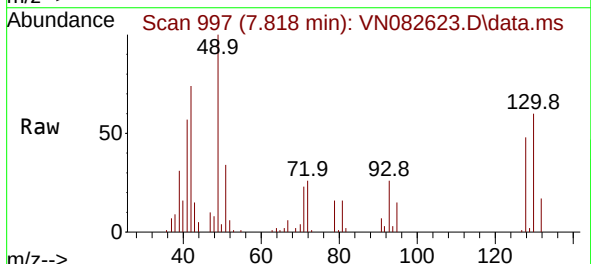
Manual Integrations
 APPROVED

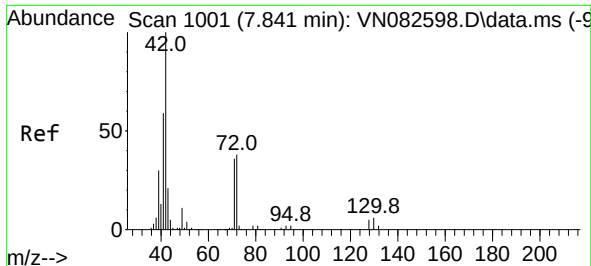
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#28
 Bromochloromethane
 Concen: 20.545 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06

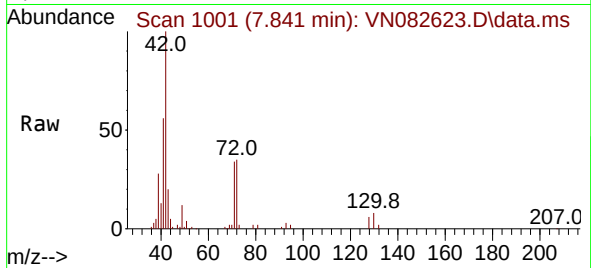
Tgt Ion: 49 Resp: 39588
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 62.3 50.5 75.7





#29
Tetrahydrofuran
Concen: 102.362 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

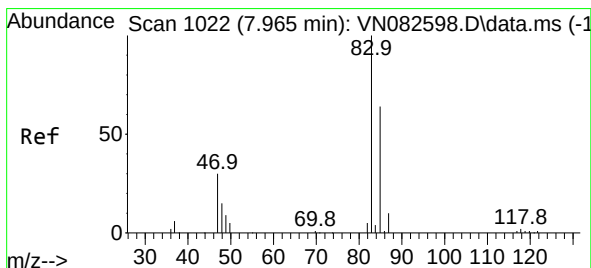
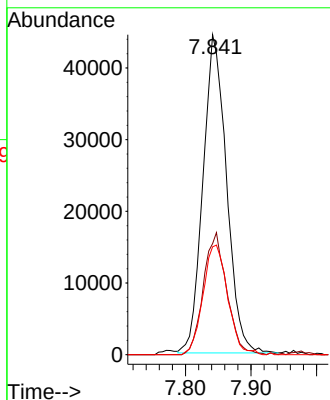
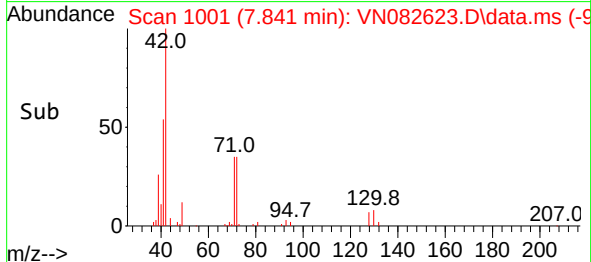
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 42 Resp: 11087
Ion Ratio Lower Upper
42 100
72 38.0 30.0 45.0
71 36.0 28.3 42.5

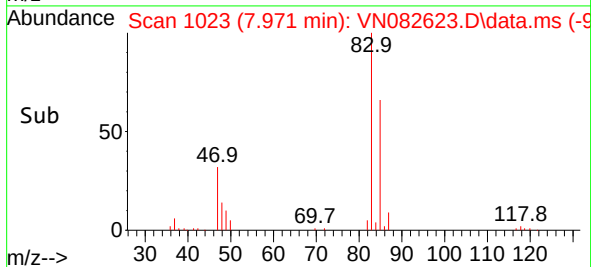
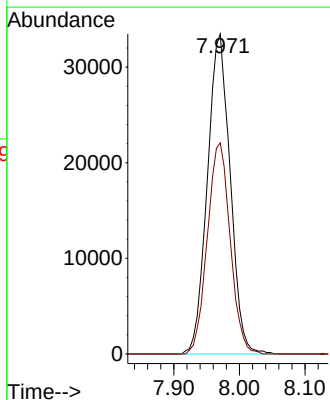
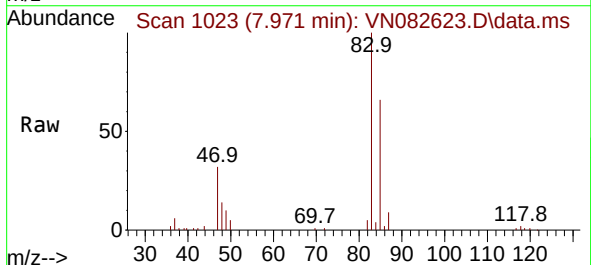
Manual Integrations
APPROVED

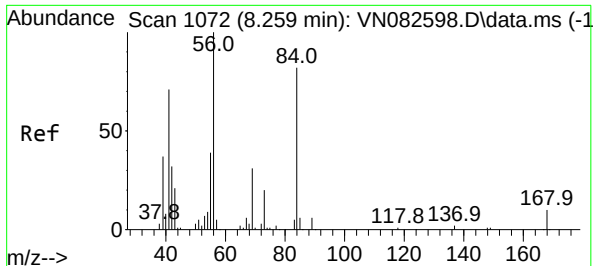
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#30
Chloroform
Concen: 19.645 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

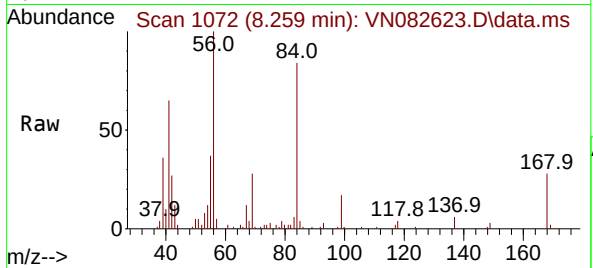
Tgt Ion: 83 Resp: 80914
Ion Ratio Lower Upper
83 100
85 66.0 50.9 76.3





#31
Cyclohexane
Concen: 18.214 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

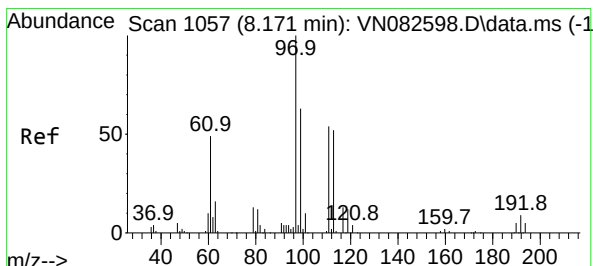
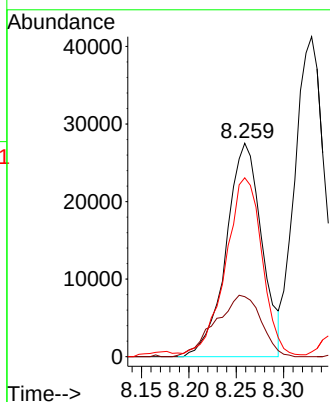
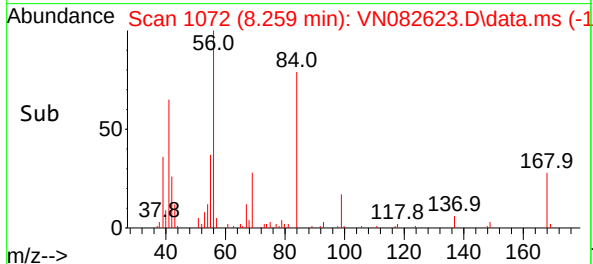
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



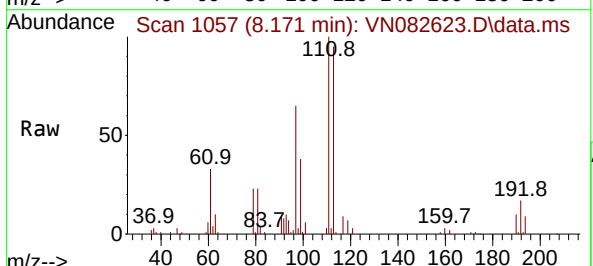
Tgt Ion: 56 Resp: 7194
Ion Ratio Lower Upper
56 100
69 27.4 24.5 36.7
84 82.1 66.0 99.0

Manual Integrations
APPROVED

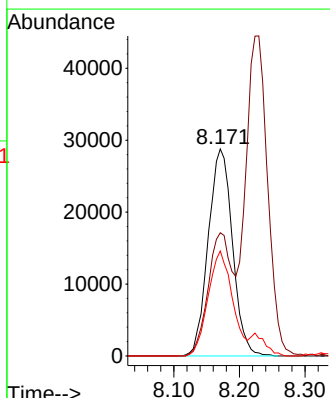
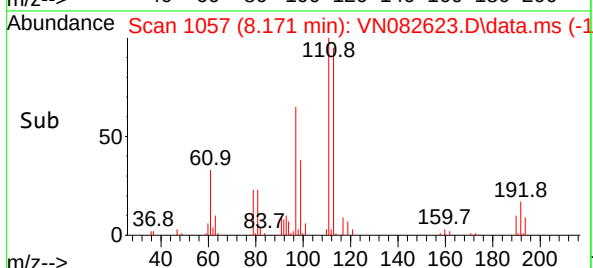
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

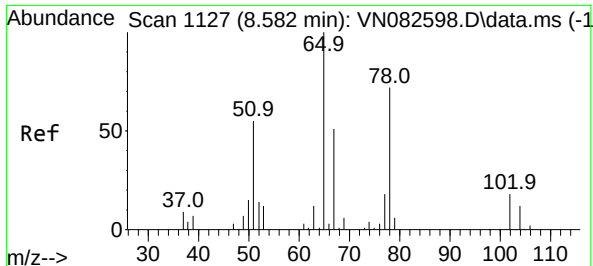


#32
1,1,1-Trichloroethane
Concen: 19.746 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



Tgt Ion: 97 Resp: 73750
Ion Ratio Lower Upper
97 100
99 59.5 52.0 78.0
61 51.2 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 54.692 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tgt Ion: 65 Resp: 14969

Ion Ratio Lower Upper

65 100

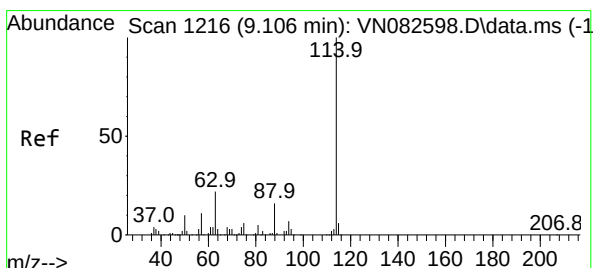
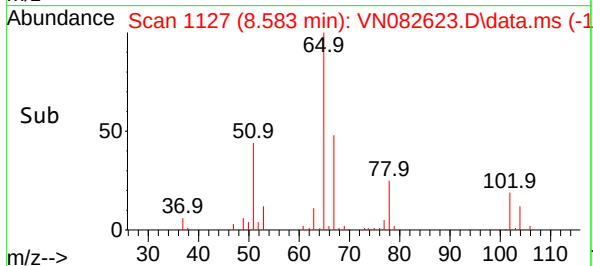
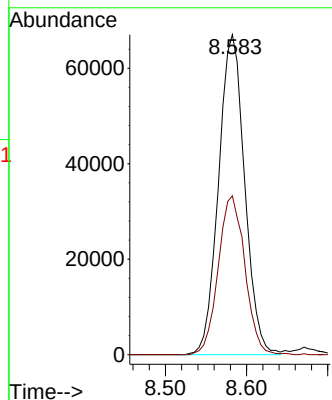
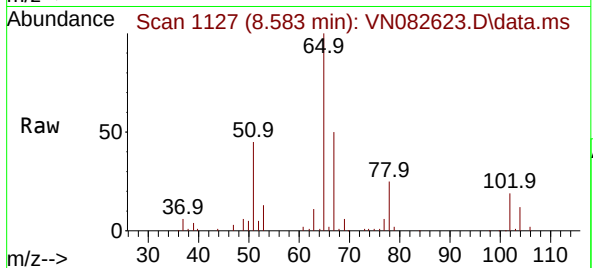
67 50.7 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

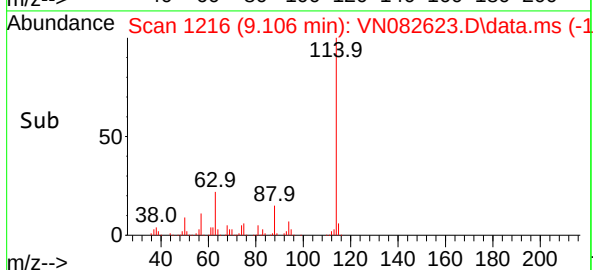
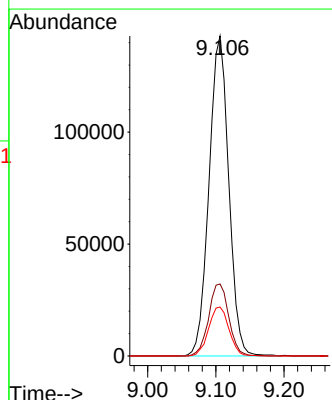
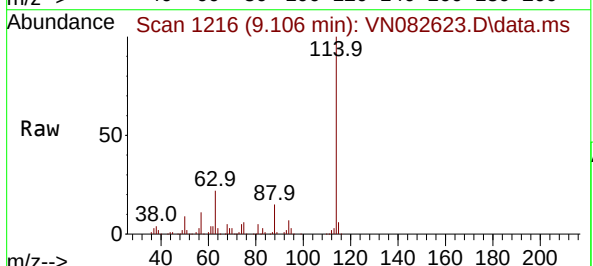
Tgt Ion:114 Resp: 287677

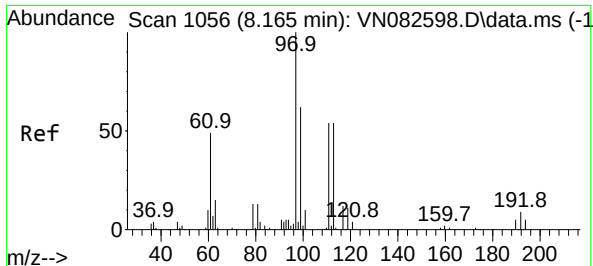
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.368 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tgt Ion: 113 Resp: 10415

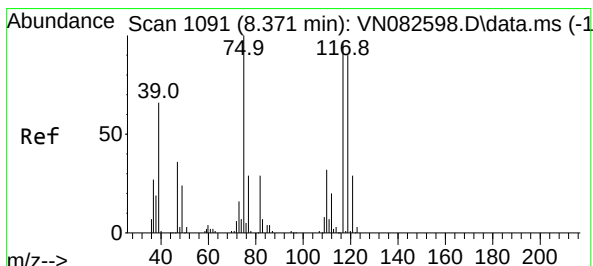
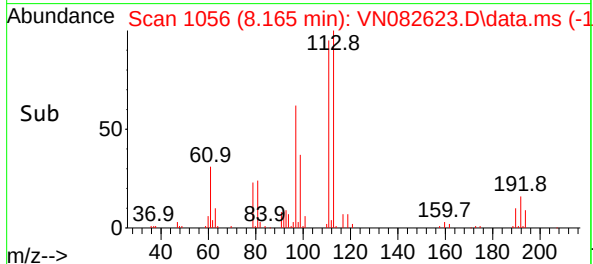
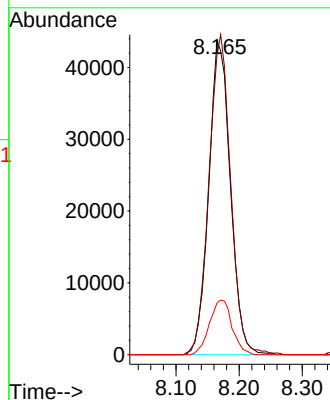
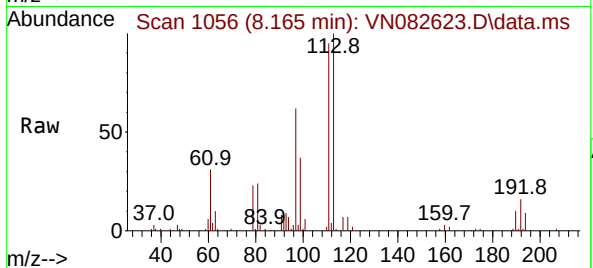
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	18.1	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#36

1,1-Dichloropropene

Concen: 19.244 ug/l

RT: 8.377 min Scan# 1092

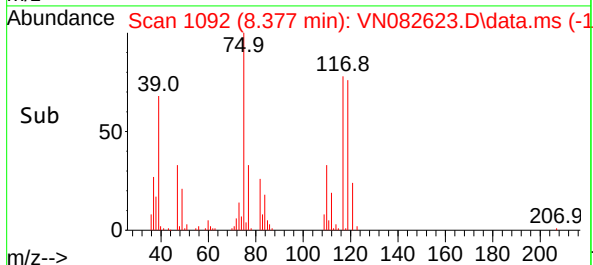
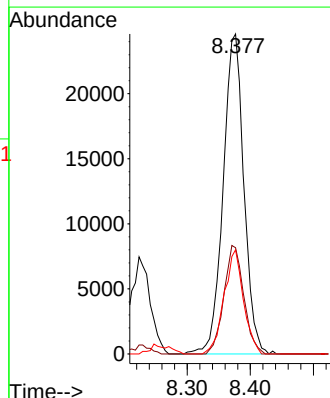
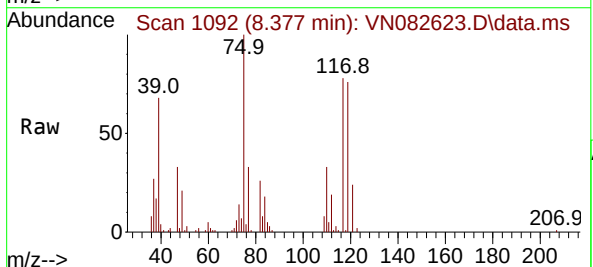
Delta R.T. 0.006 min

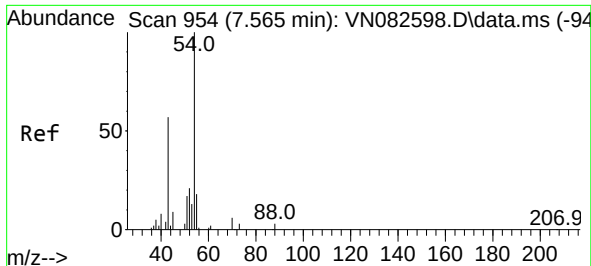
Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Tgt Ion: 75 Resp: 56143

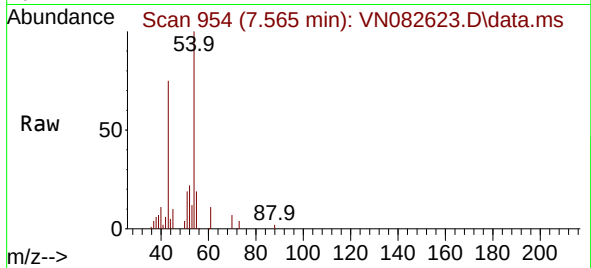
Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.3	48.9
77	30.4	24.6	37.0





#37
Ethyl Acetate
Concen: 18.696 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

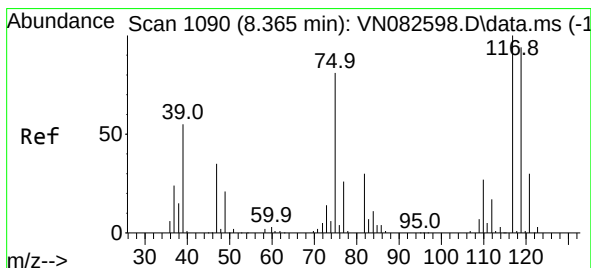
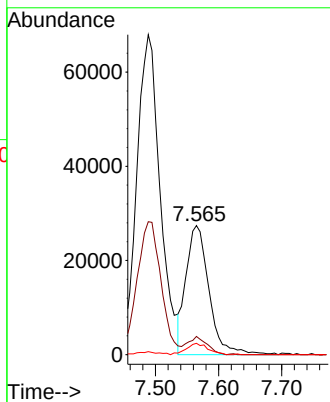
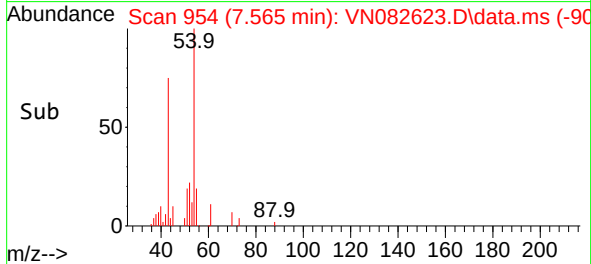
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 8.2 7.0 10.6

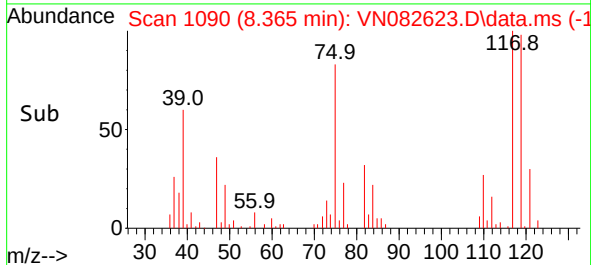
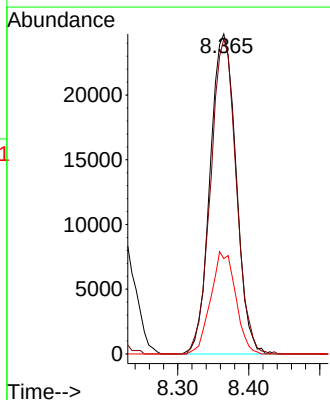
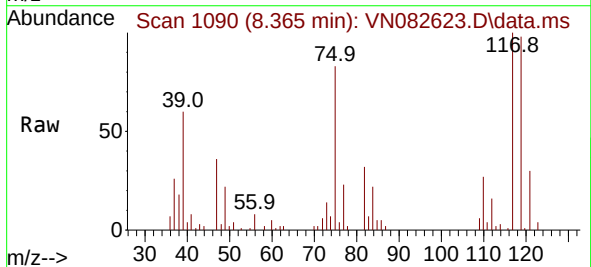
Manual Integrations
APPROVED

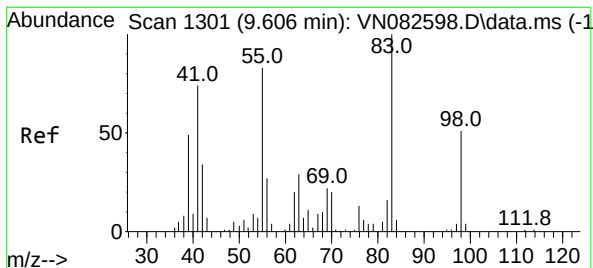
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#38
Carbon Tetrachloride
Concen: 19.034 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:117 Resp: 62579
Ion Ratio Lower Upper
117 100
119 98.4 74.9 112.3
121 29.8 24.3 36.5





#39

Methylcyclohexane

Concen: 18.360 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

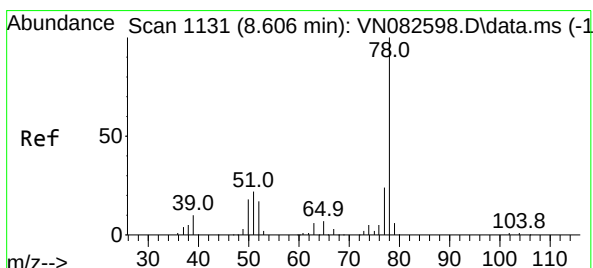
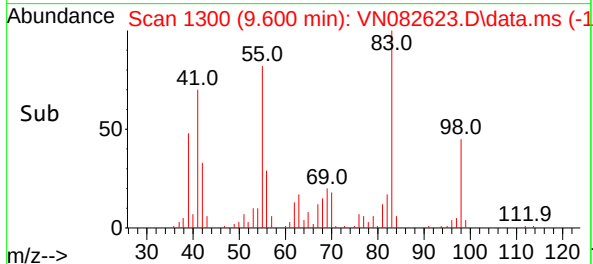
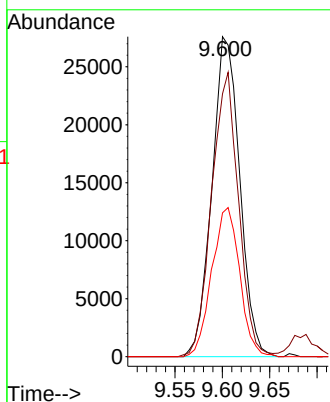
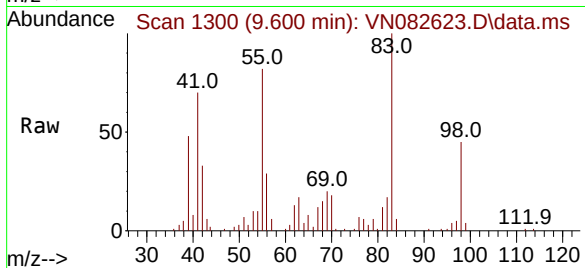
Tgt Ion: 83	Resp: 56369
Ion Ratio	Lower Upper
83	100
55	82.2 66.4 99.6
98	45.0 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#40

Benzene

Concen: 19.477 ug/l

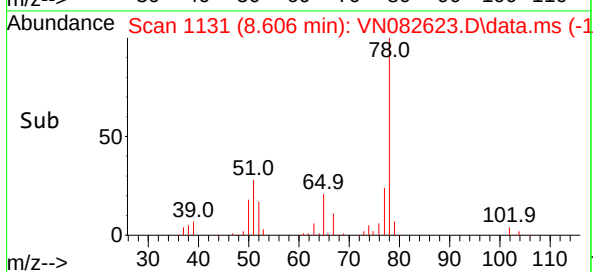
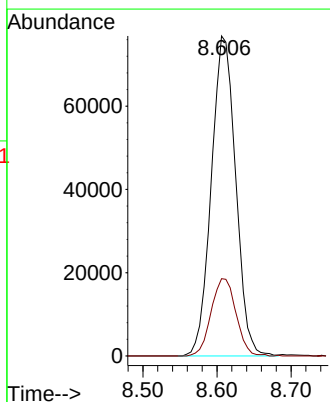
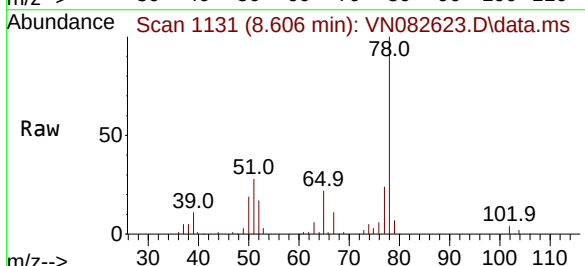
RT: 8.606 min Scan# 1131

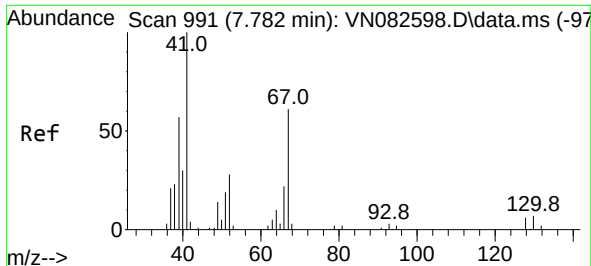
Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

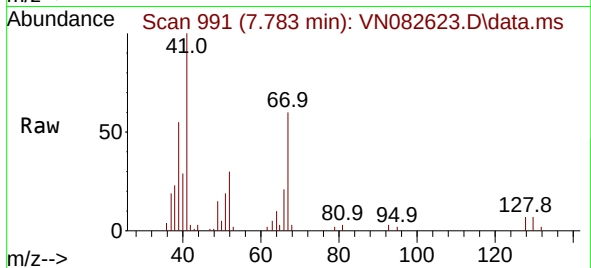
Tgt Ion: 78	Resp: 175575
Ion Ratio	Lower Upper
78	100
77	24.1 19.0 28.4





#41
Methacrylonitrile
Concen: 18.724 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

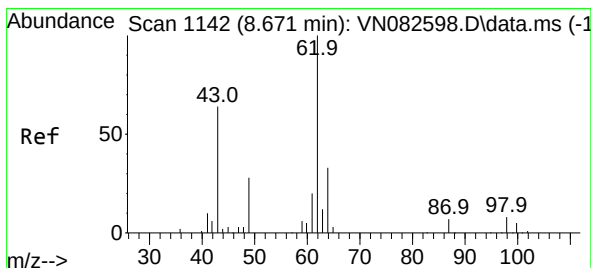
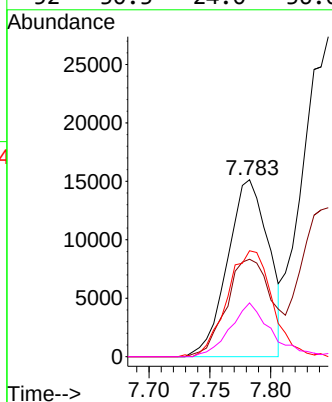
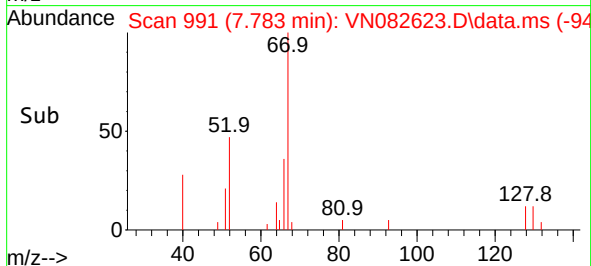
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 41 Resp: 3556
Ion Ratio Lower Upper
41 100
39 61.7 45.5 68.3
67 65.5 50.5 75.7
52 30.3 24.0 36.0

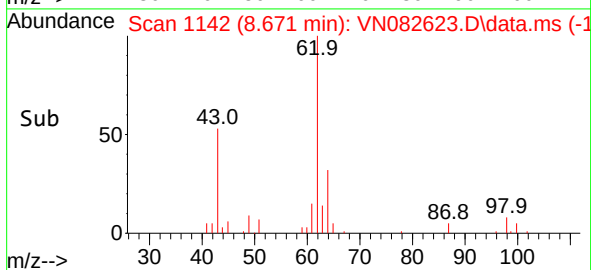
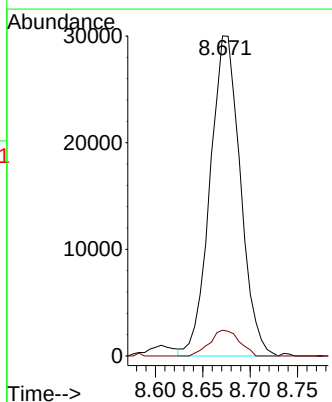
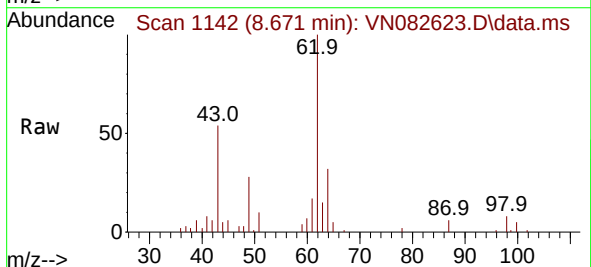
Manual Integrations
APPROVED

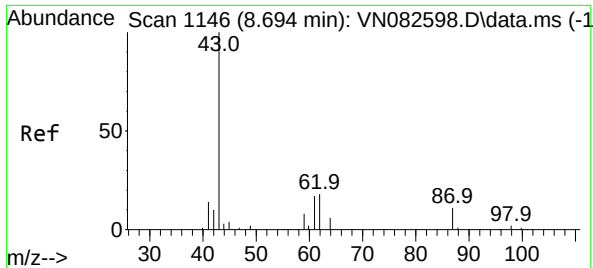
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#42
1,2-Dichloroethane
Concen: 19.468 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

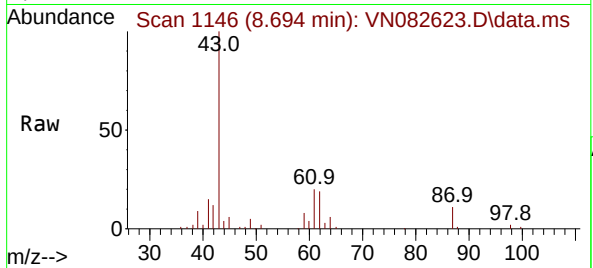
Tgt Ion: 62 Resp: 66754
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 17.857 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

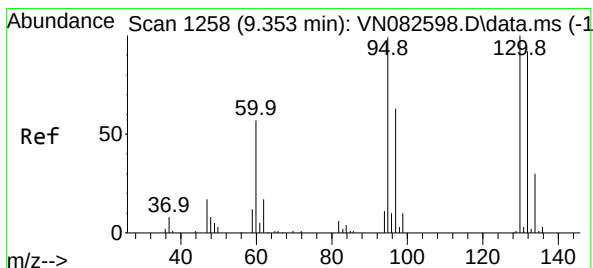
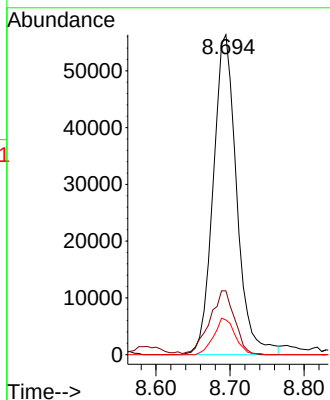
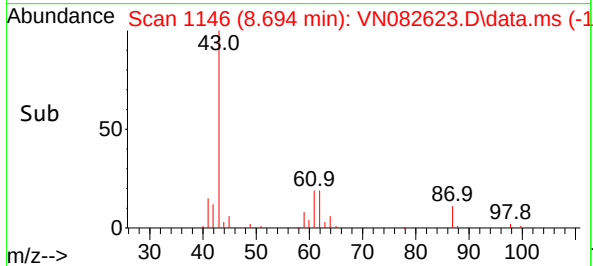
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



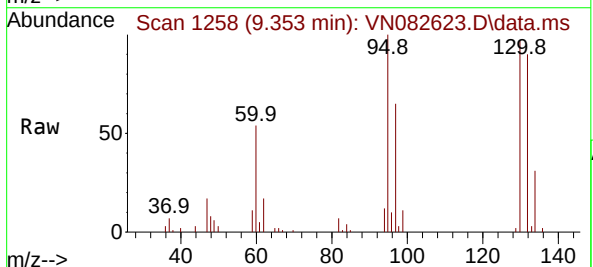
Tgt Ion: 43 Resp: 124020
Ion Ratio Lower Upper
43 100
61 21.4 17.8 26.6
87 10.4 8.2 12.2

Manual Integrations
APPROVED

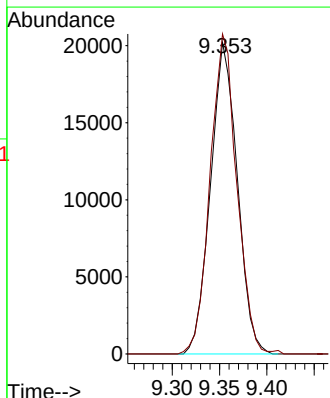
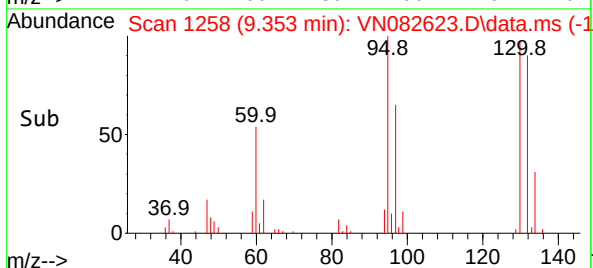
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

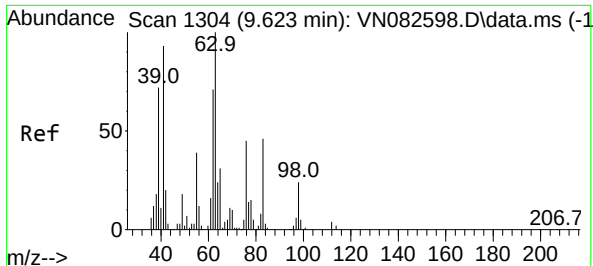


#44
Trichloroethene
Concen: 19.008 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



Tgt Ion:130 Resp: 39788
Ion Ratio Lower Upper
130 100
95 102.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.497 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082623.D

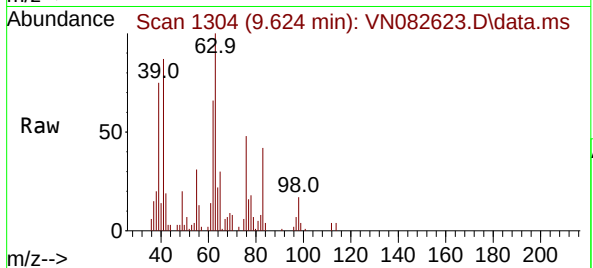
Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01



Tgt Ion: 63 Resp: 45239

Ion Ratio Lower Upper

63 100

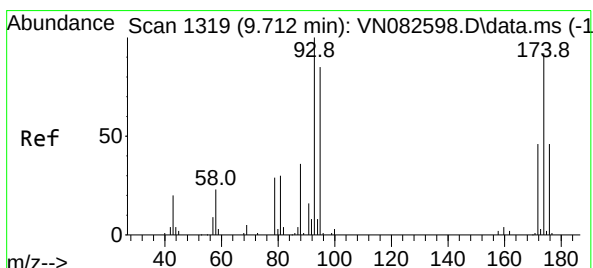
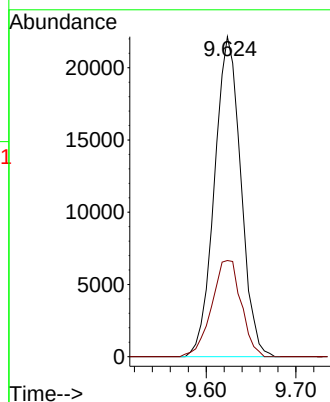
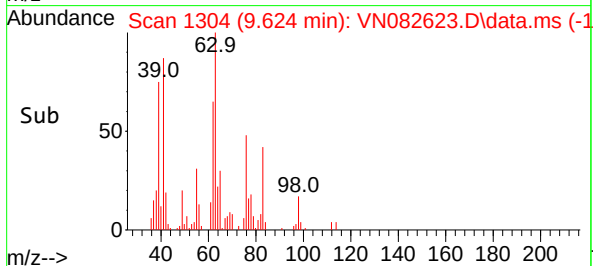
65 30.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#46

Dibromomethane

Concen: 19.807 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

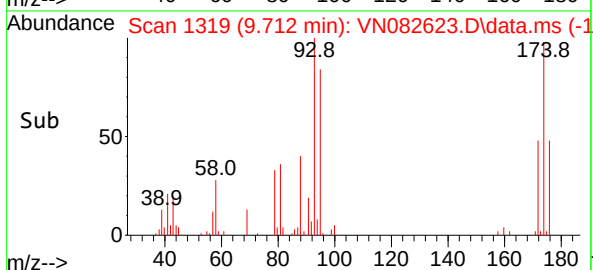
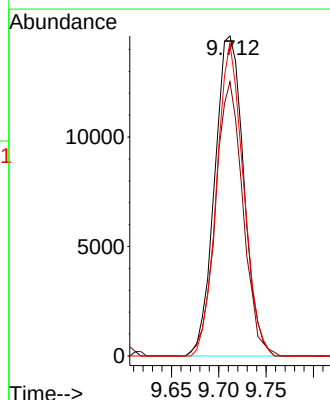
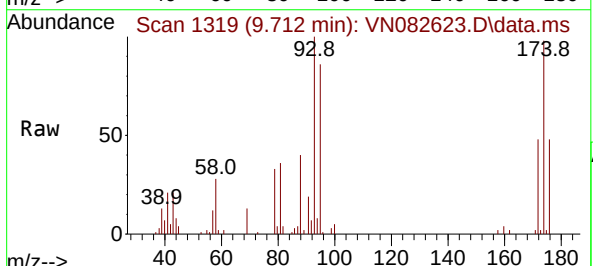
Tgt Ion: 93 Resp: 31154

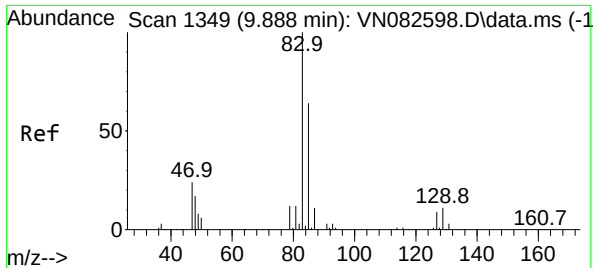
Ion Ratio Lower Upper

93 100

95 81.2 65.8 98.6

174 90.4 71.7 107.5





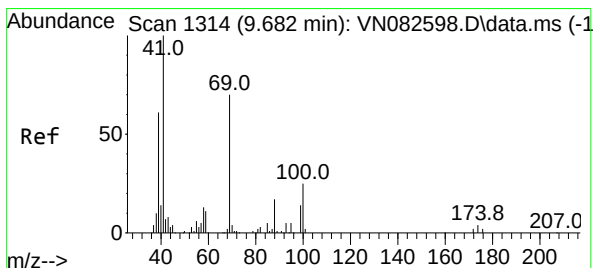
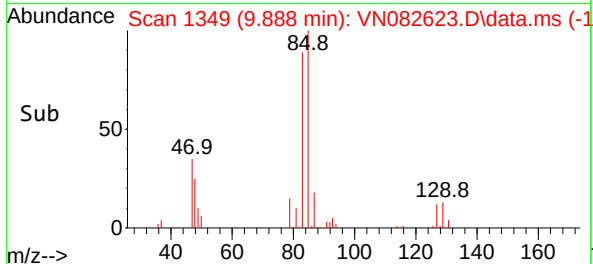
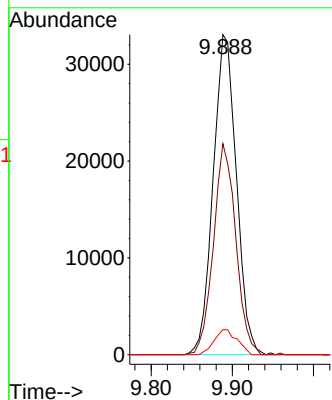
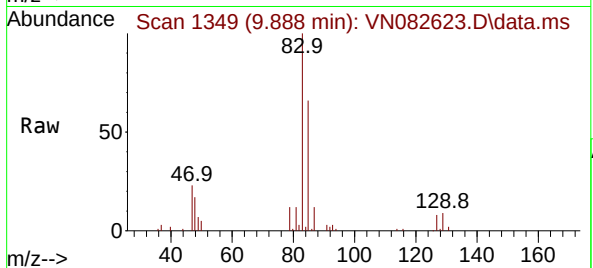
#47
Bromodichloromethane
Concen: 19.614 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion: 83 Resp: 6577
Ion Ratio Lower Upper
83 100
85 65.9 51.1 76.7
127 7.8 7.2 10.8

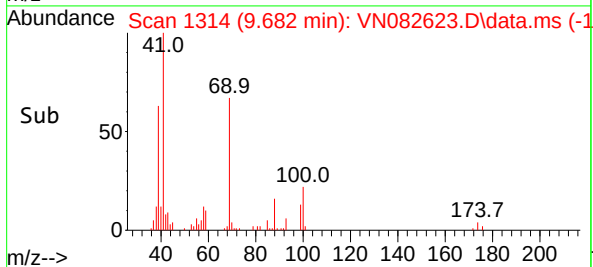
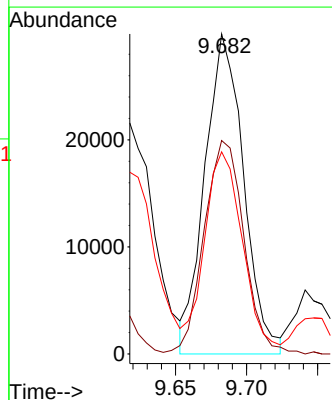
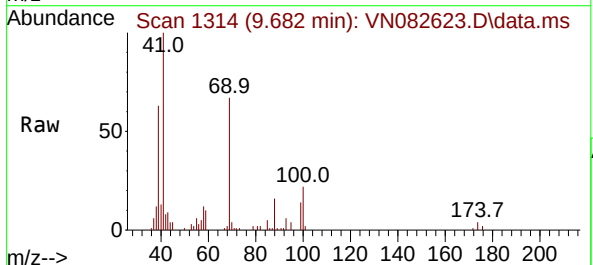
Manual Integrations
APPROVED

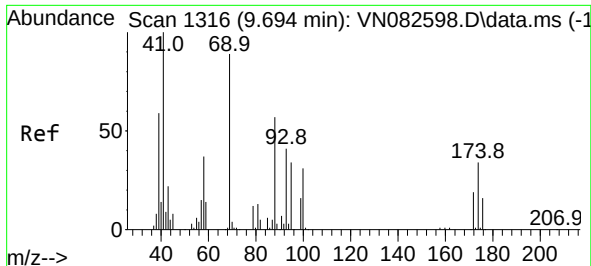
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#48
Methyl methacrylate
Concen: 19.802 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion: 41 Resp: 56693
Ion Ratio Lower Upper
41 100
69 68.8 56.3 84.5
39 62.9 50.3 75.5





#49

1,4-Dioxane

Concen: 432.823 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tgt Ion: 88 Resp: 1938

Ion Ratio Lower Upper

88 100

43 35.9 27.8 41.8

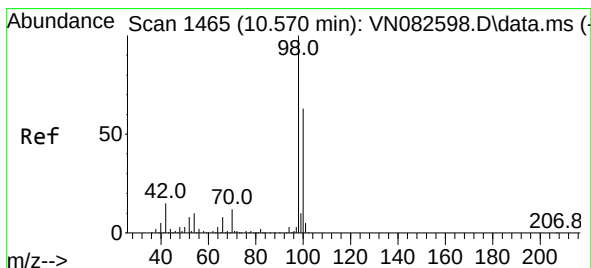
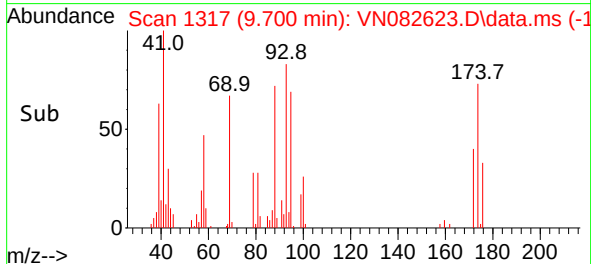
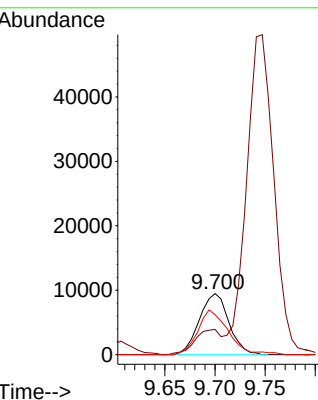
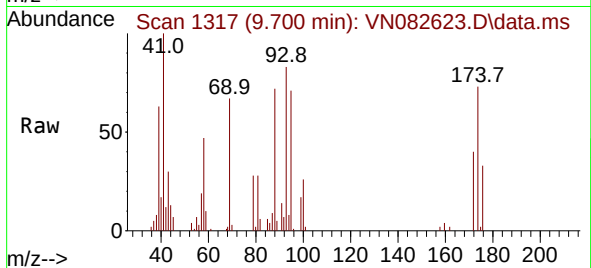
58 76.0 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#50

Toluene-d8

Concen: 53.644 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082623.D

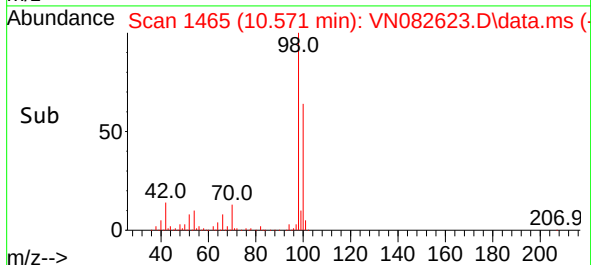
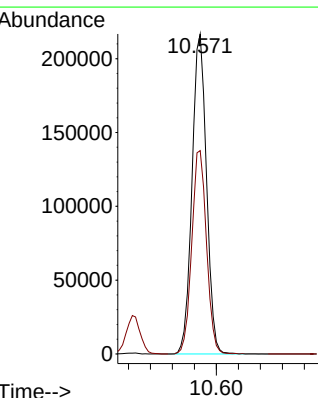
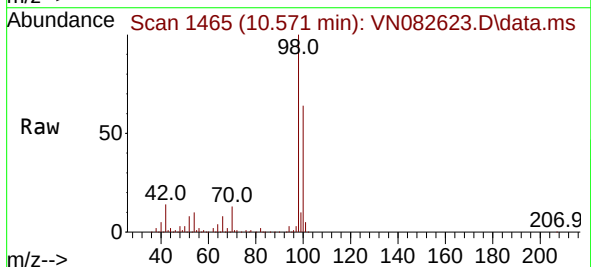
Acq: 18 Jun 2024 11:06

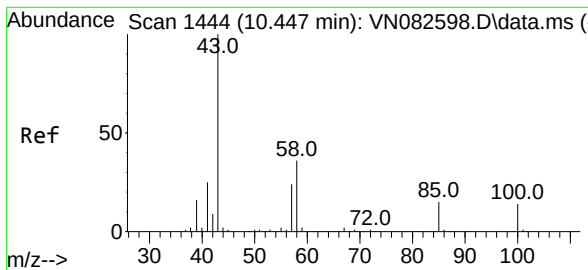
Tgt Ion: 98 Resp: 395902

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3





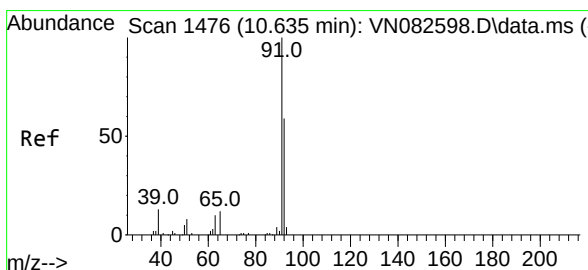
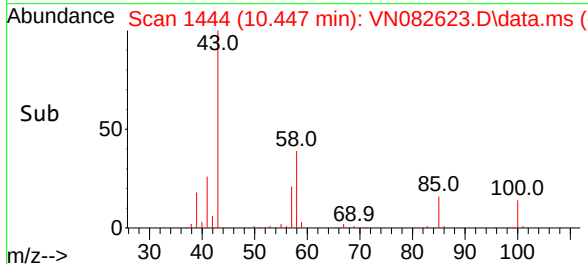
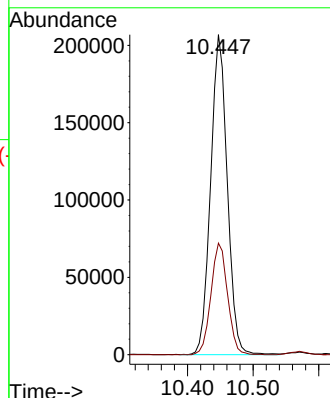
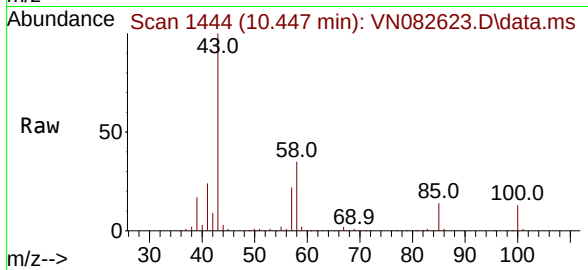
#51
4-Methyl-2-Pentanone
Concen: 102.334 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion: 43 Resp: 364532
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.4

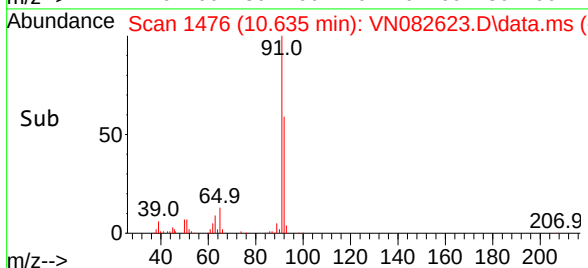
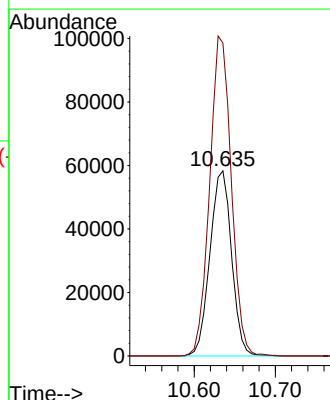
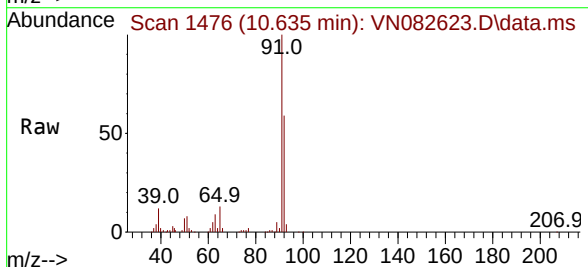
Manual Integrations
APPROVED

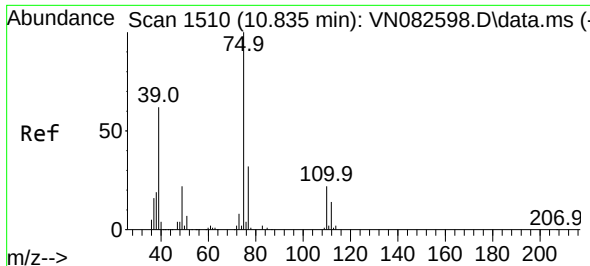
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#52
Toluene
Concen: 19.743 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

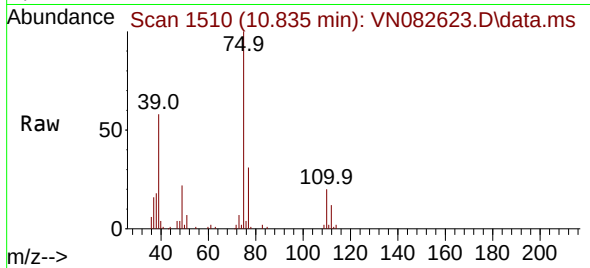
Tgt Ion: 92 Resp: 107856
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.296 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

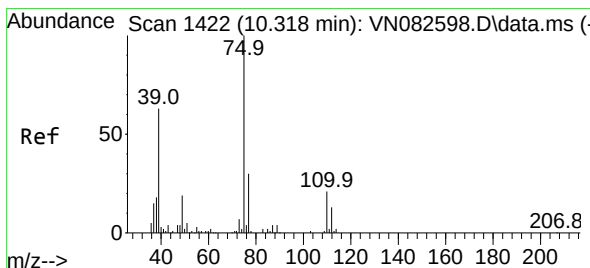
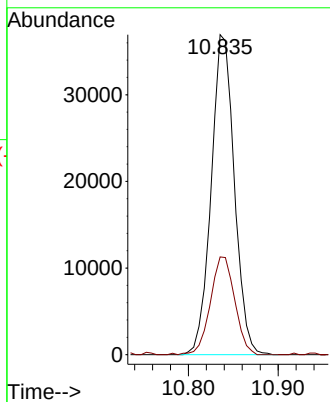
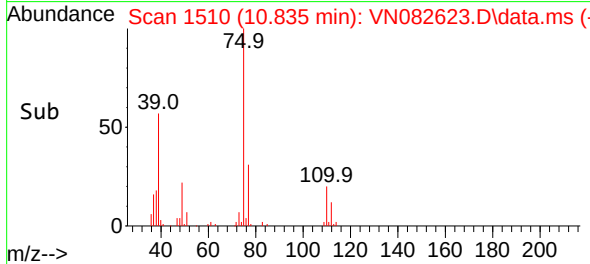
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



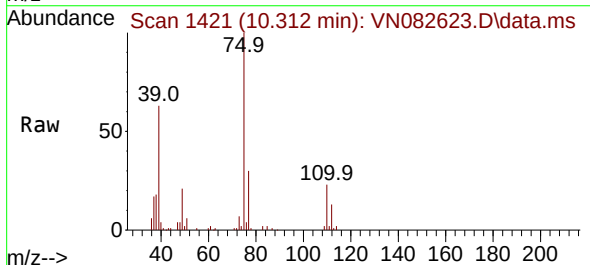
Tgt Ion: 75 Resp: 6614
Ion Ratio Lower Upper
75 100
77 30.6 25.7 38.5

Manual Integrations
APPROVED

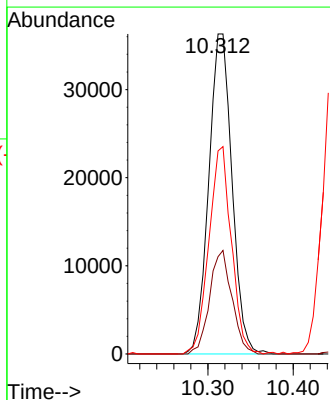
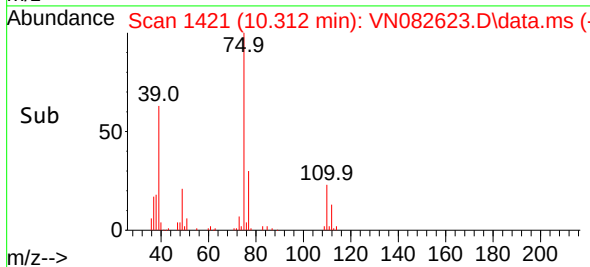
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

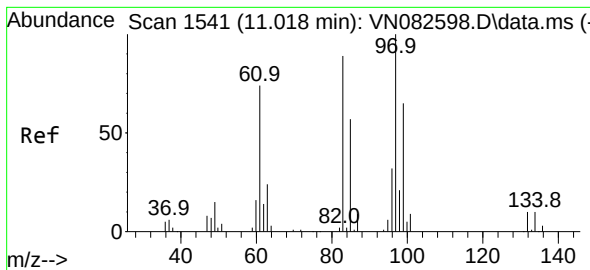


#54
cis-1,3-Dichloropropene
Concen: 19.414 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



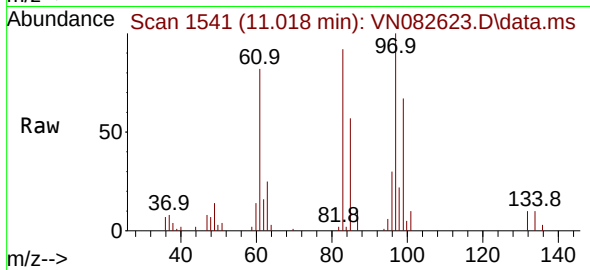
Tgt Ion: 75 Resp: 68819
Ion Ratio Lower Upper
75 100
77 30.4 24.3 36.5
39 63.5 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.451 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

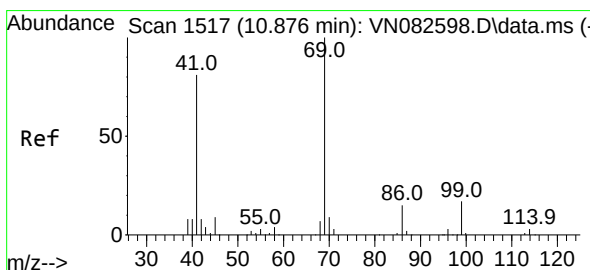
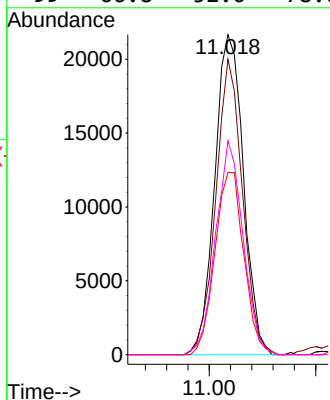
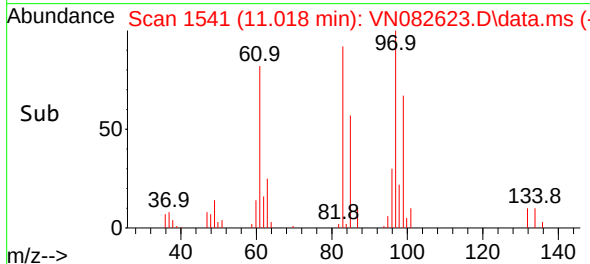
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



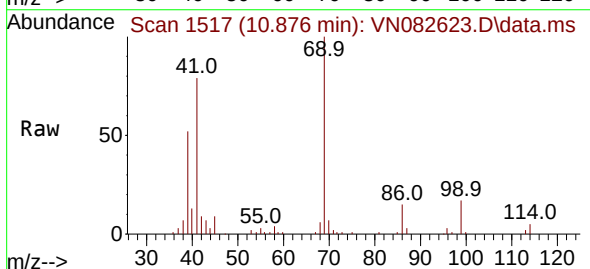
Tgt Ion: 97 Resp: 40438
Ion Ratio Lower Upper
97 100
83 92.3 71.4 107.0
85 56.9 45.8 68.6
99 66.8 52.0 78.0

Manual Integrations
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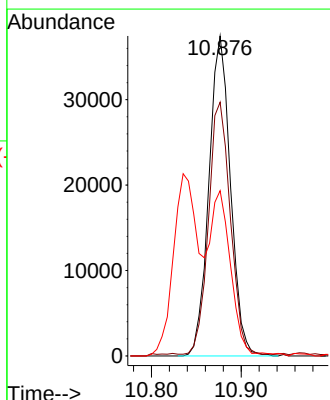
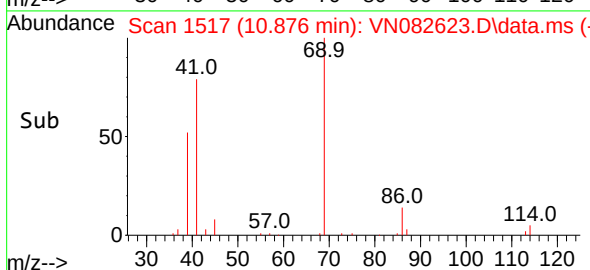
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

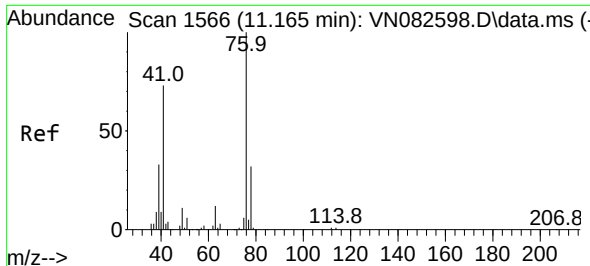


#56
Ethyl methacrylate
Concen: 19.087 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



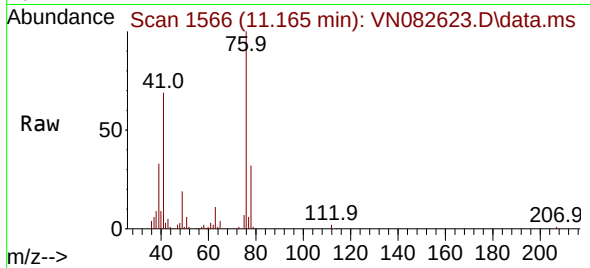
Tgt Ion: 69 Resp: 62508
Ion Ratio Lower Upper
69 100
41 79.9 63.4 95.2
39 49.5 37.4 56.0





#57
1,3-Dichloropropane
Concen: 19.797 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

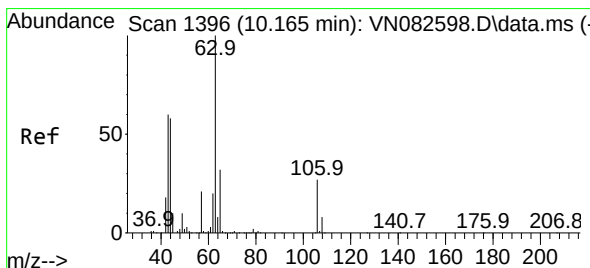
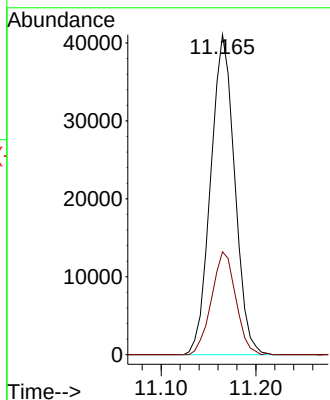
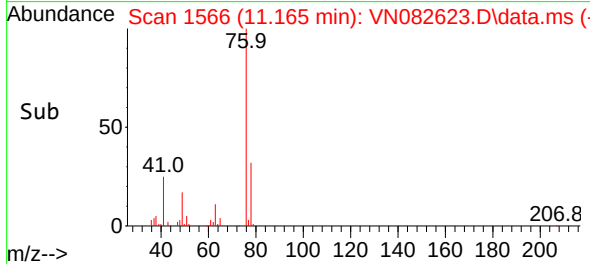
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 76 Resp: 7236
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

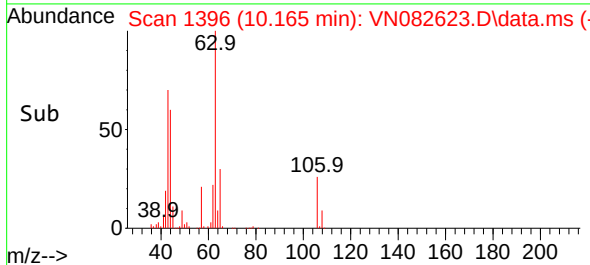
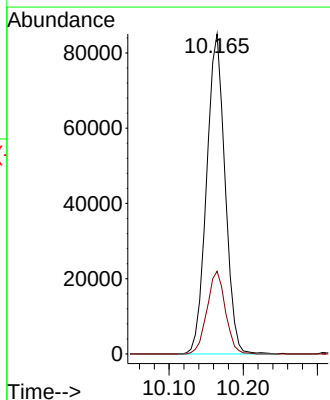
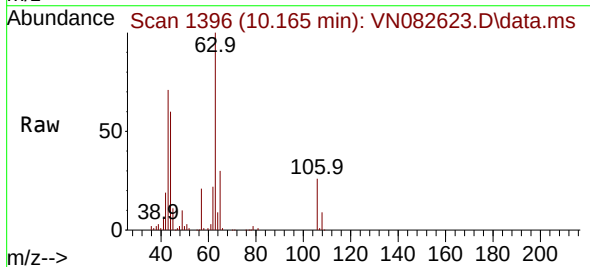
Manual Integrations
APPROVED

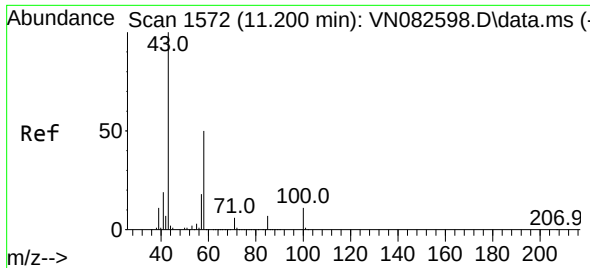
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 84.686 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

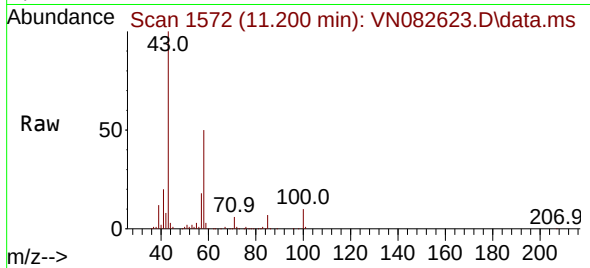
Tgt Ion: 63 Resp: 146710
Ion Ratio Lower Upper
63 100
106 25.7 21.4 32.0





#59
2-Hexanone
Concen: 100.281 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

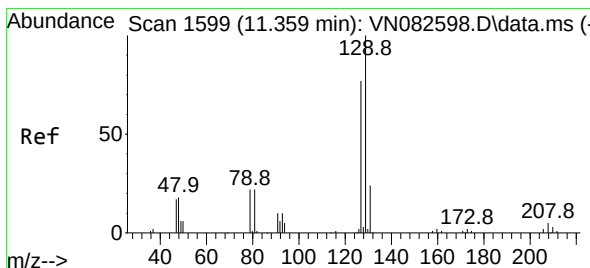
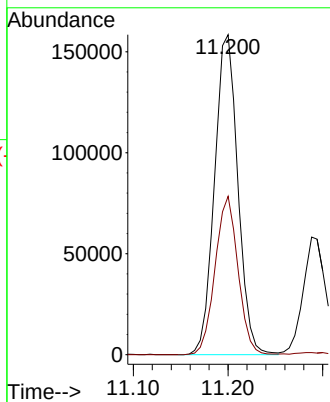
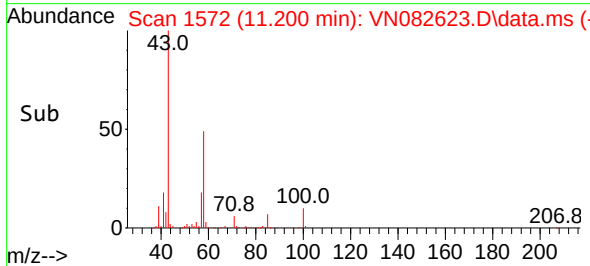
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 43 Resp: 271502
Ion Ratio Lower Upper
43 100
58 48.5 24.6 73.8

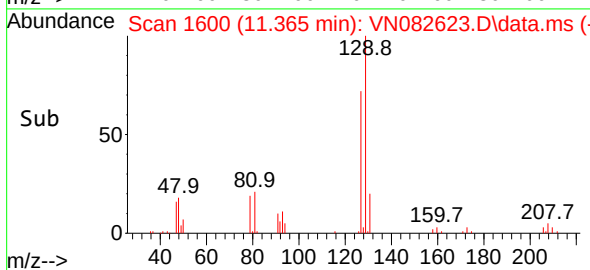
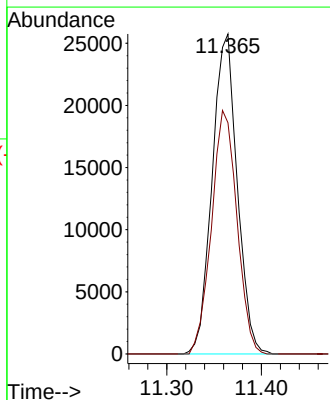
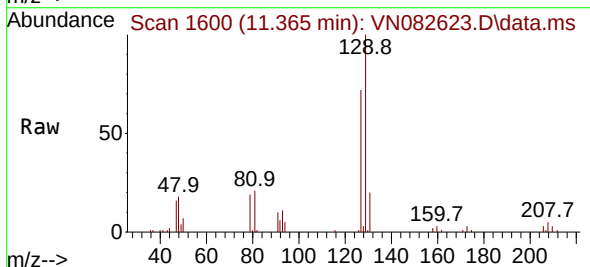
Manual Integrations
APPROVED

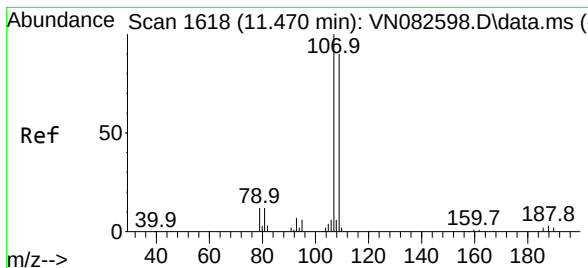
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#60
Dibromochloromethane
Concen: 19.652 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:129 Resp: 47435
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





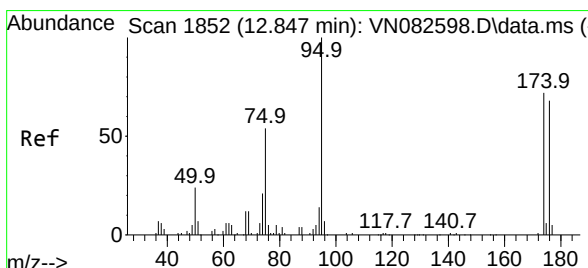
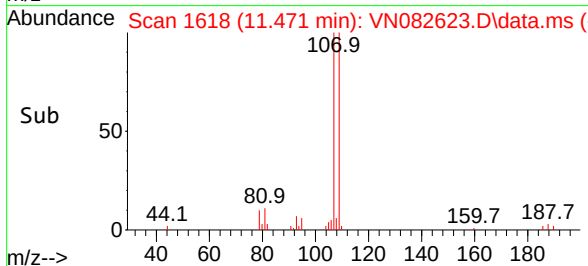
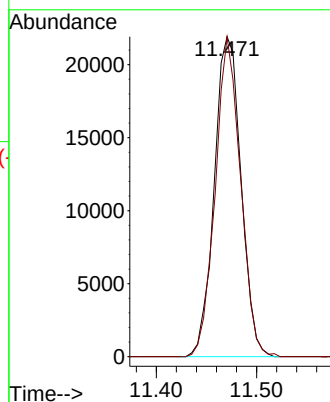
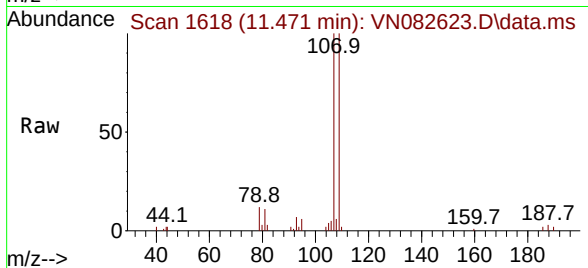
#61
1,2-Dibromoethane
Concen: 19.444 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion:107 Resp: 40536
Ion Ratio Lower Upper
107 100
109 94.5 73.7 110.5

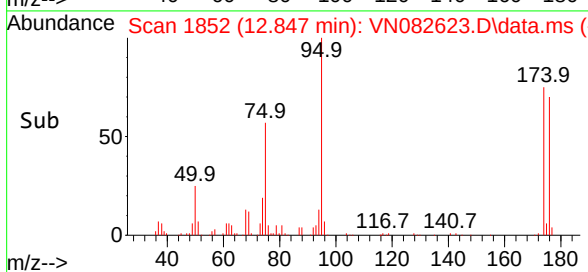
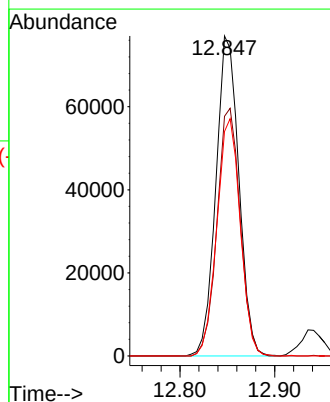
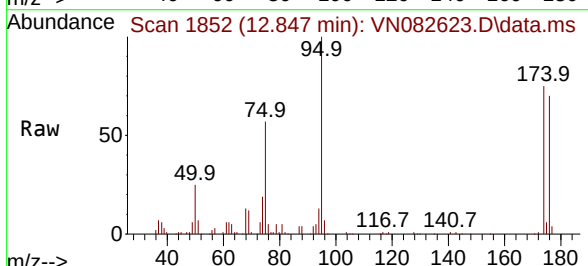
Manual Integrations
APPROVED

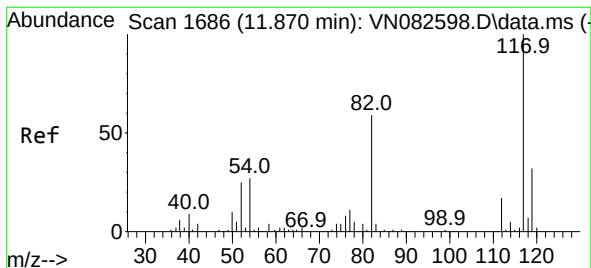
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#62
4-Bromofluorobenzene
Concen: 51.020 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion: 95 Resp: 129817
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.2
176 75.3 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: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tgt Ion:117 Resp: 26230

Ion Ratio Lower Upper

117 100

82 60.0 47.5 71.3

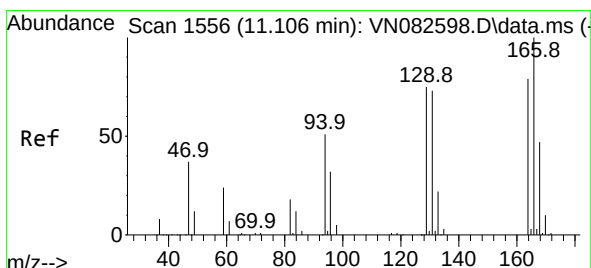
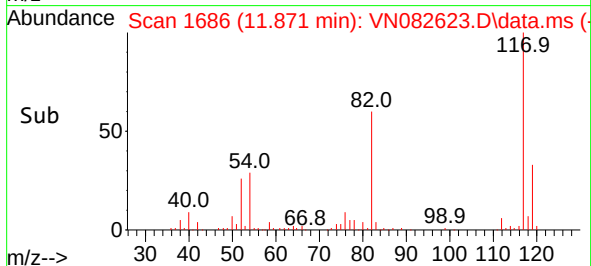
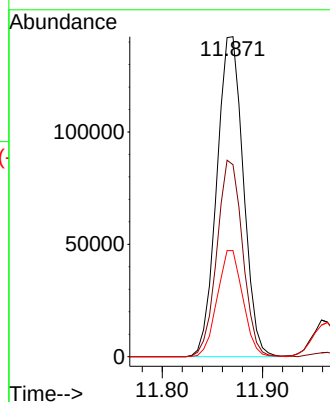
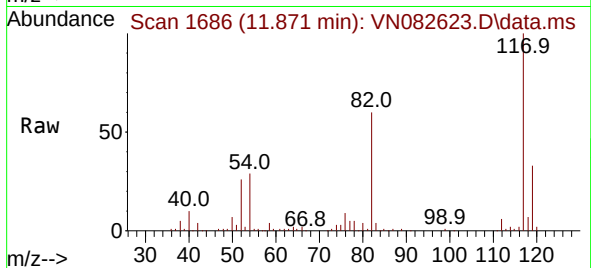
119 33.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#64

Tetrachloroethene

Concen: 17.874 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Tgt Ion:164 Resp: 38657

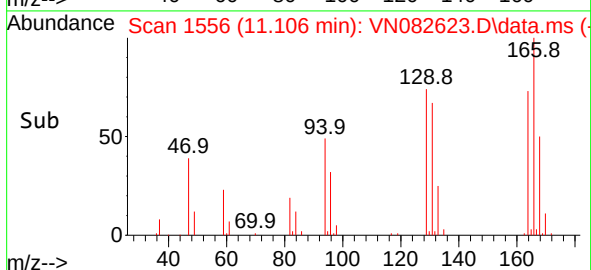
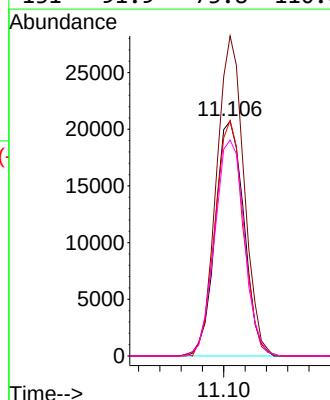
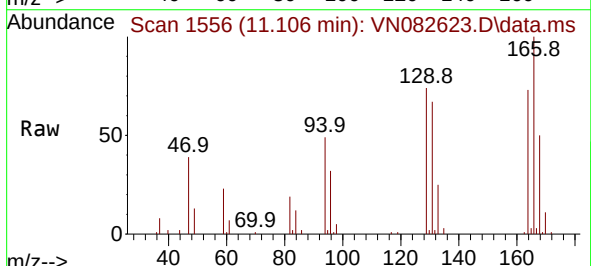
Ion Ratio Lower Upper

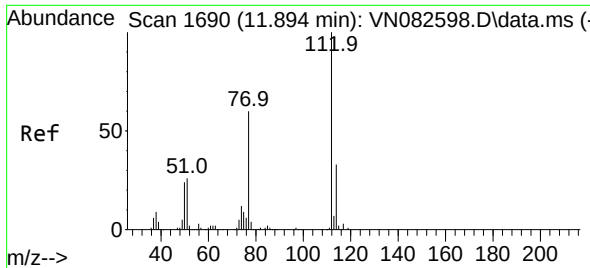
164 100

166 136.3 101.4 152.0

129 100.3 75.7 113.5

131 91.9 73.8 110.6





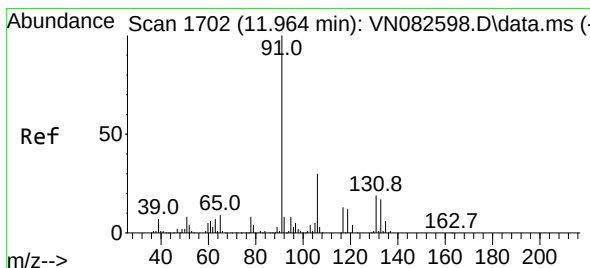
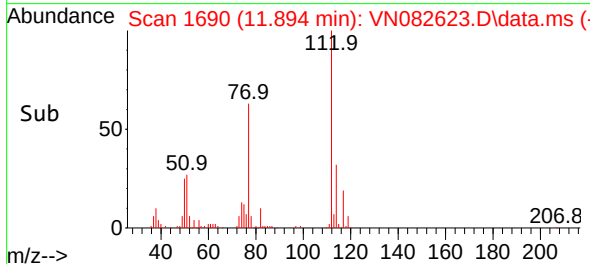
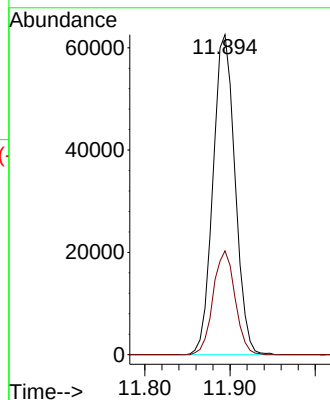
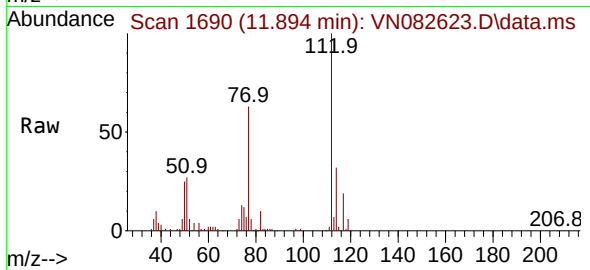
#65
Chlorobenzene
Concen: 18.682 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion:112 Resp: 112375
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2

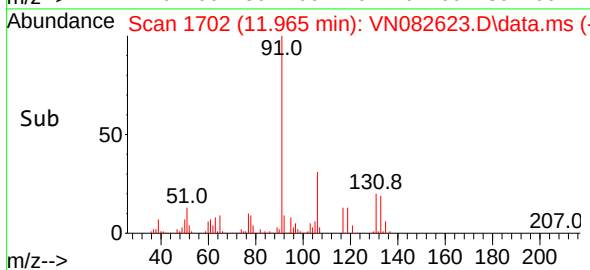
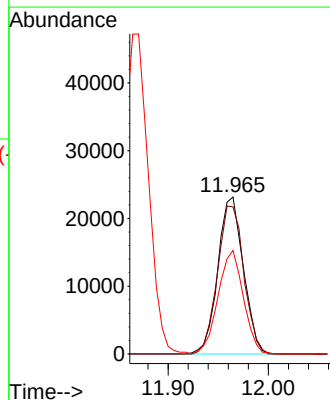
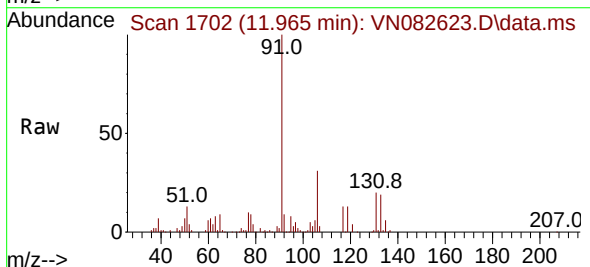
Manual Integrations
APPROVED

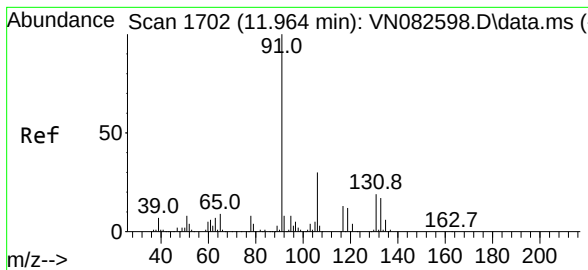
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.980 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:131 Resp: 40708
Ion Ratio Lower Upper
131 100
133 97.7 47.3 142.0
119 65.6 32.5 97.4





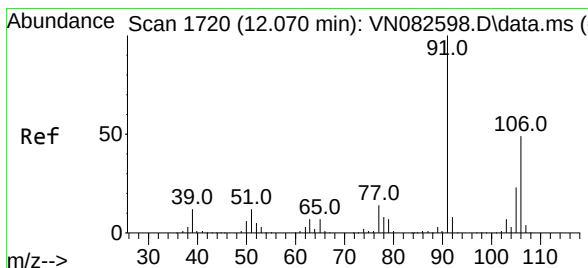
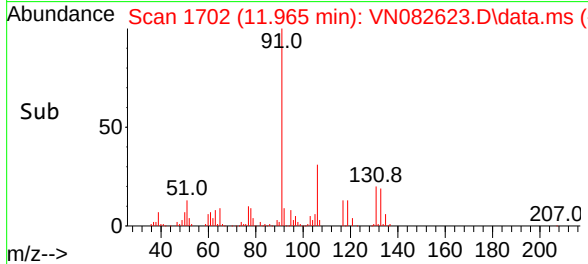
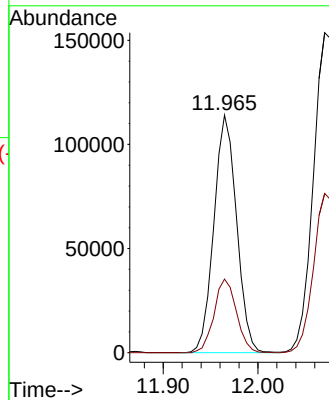
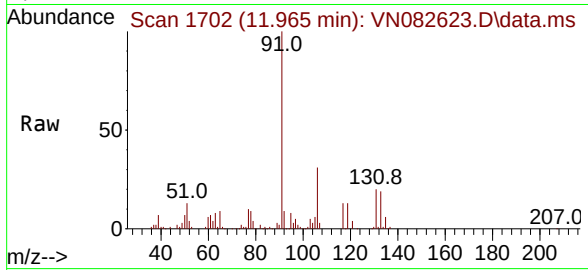
#67
Ethyl Benzene
Concen: 18.512 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion: 91 Resp: 18972
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0

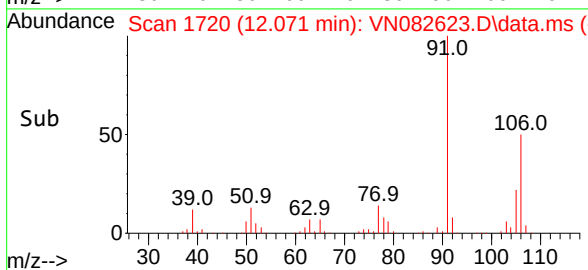
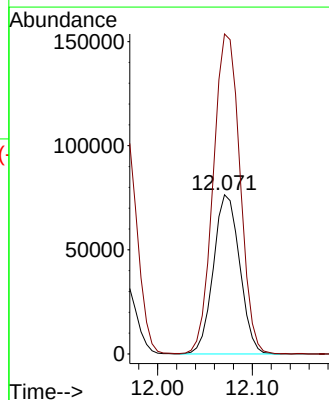
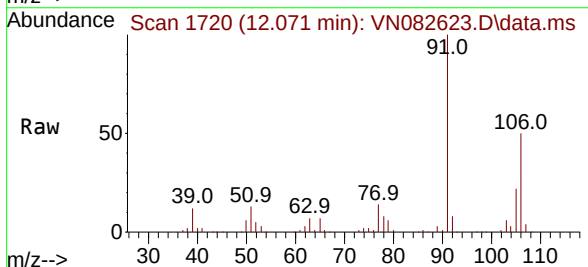
Manual Integrations
APPROVED

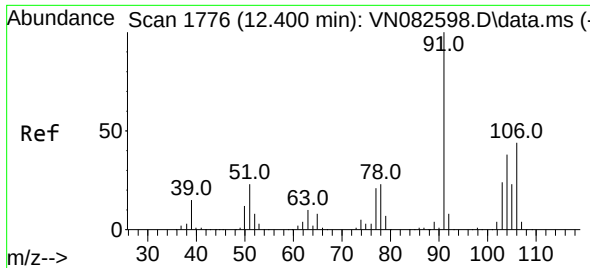
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#68
m/p-Xylenes
Concen: 38.673 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:106 Resp: 147459
Ion Ratio Lower Upper
106 100
91 204.6 166.1 249.1





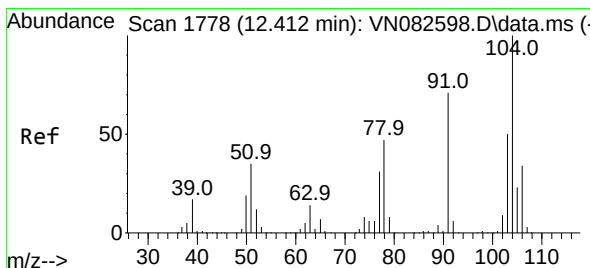
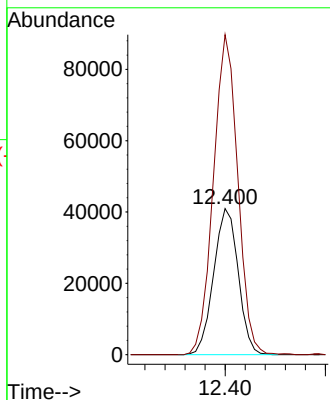
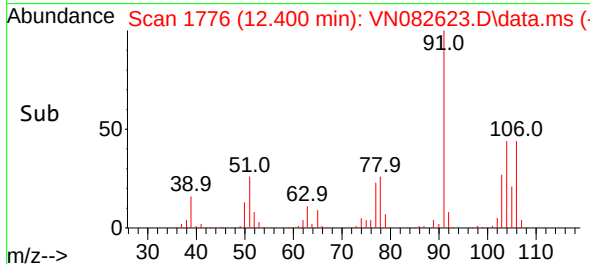
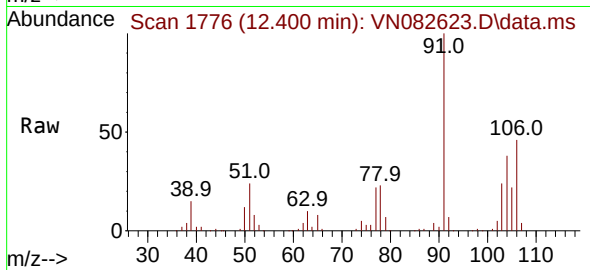
#69
o-Xylene
Concen: 19.383 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion:106 Resp: 69430
Ion Ratio Lower Upper
106 100
91 217.6 111.3 333.9

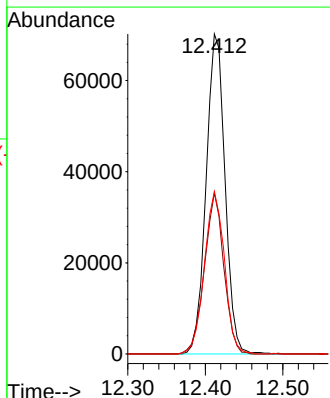
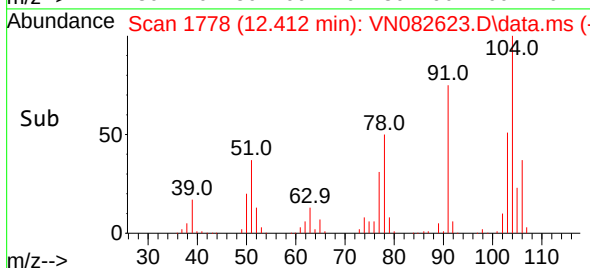
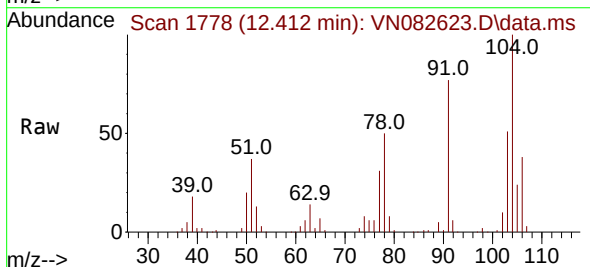
Manual Integrations
APPROVED

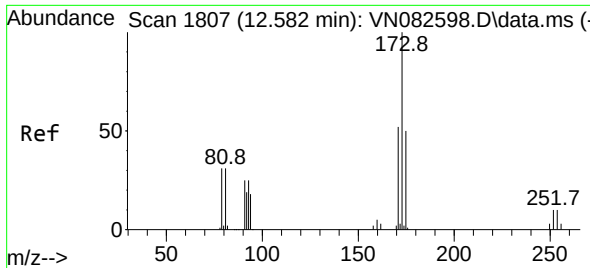
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 19.596 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:104 Resp: 119147
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 53.8 44.0 66.0





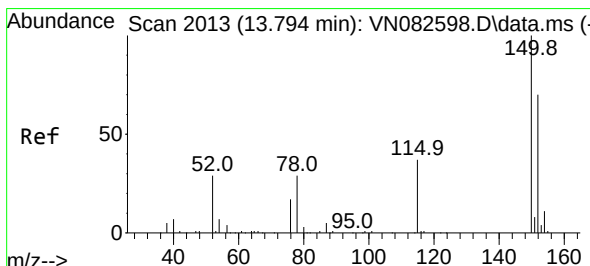
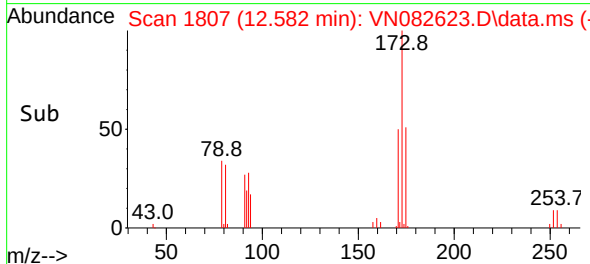
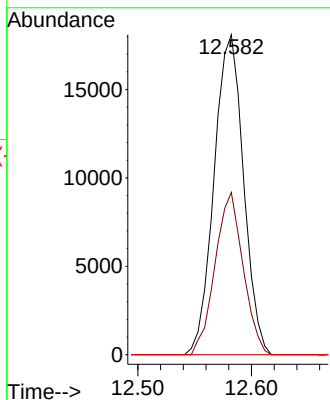
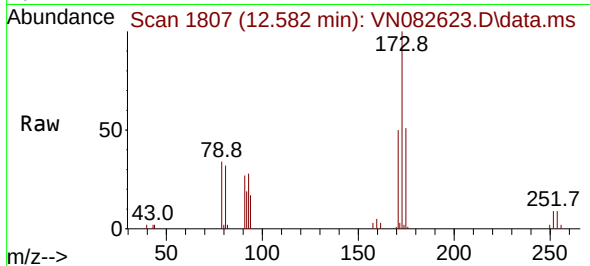
#71
Bromoform
Concen: 19.199 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion:173 Resp: 3255
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

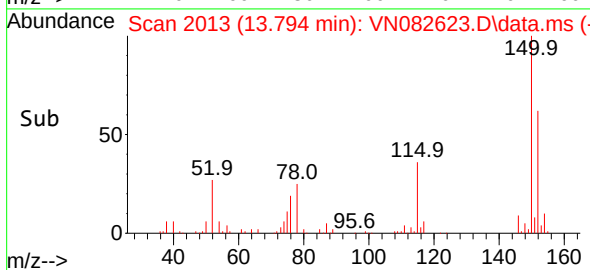
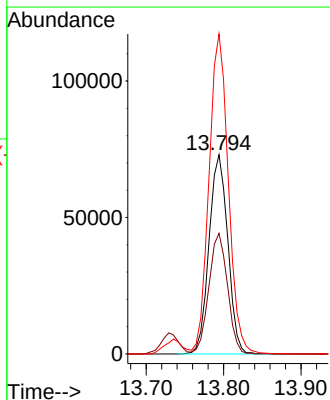
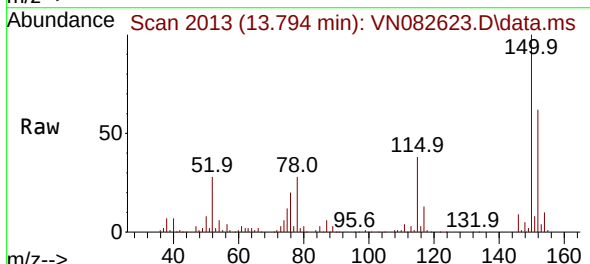
Manual Integrations
APPROVED

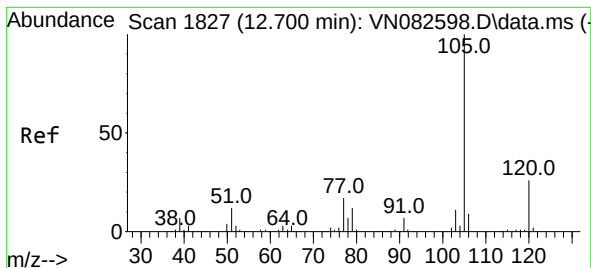
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:152 Resp: 122871
Ion Ratio Lower Upper
152 100
115 60.1 30.6 91.6
150 165.4 0.0 348.6





#73

Isopropylbenzene

Concen: 18.709 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tgt Ion:105 Resp: 174564

Ion Ratio Lower Upper

105 100

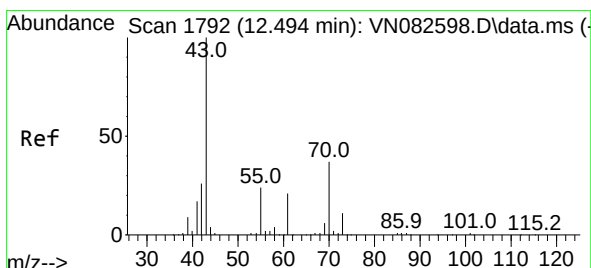
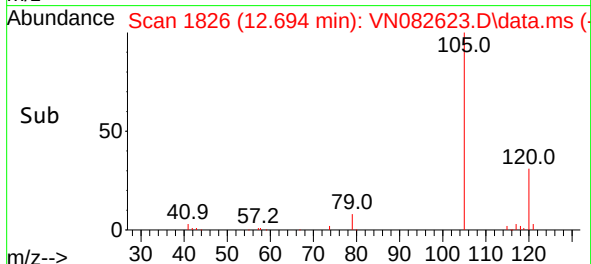
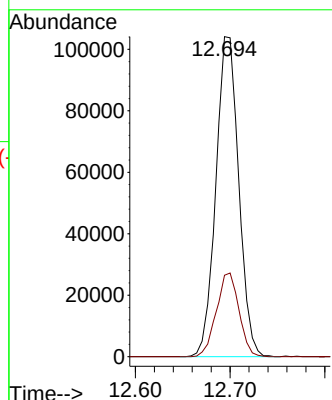
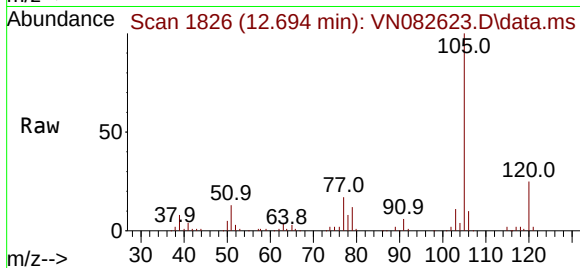
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#74

N-ethyl acetate

Concen: 19.398 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Tgt Ion: 43 Resp: 96592

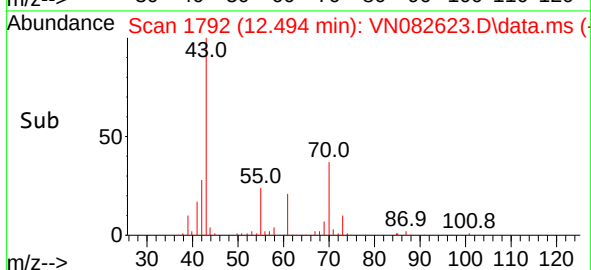
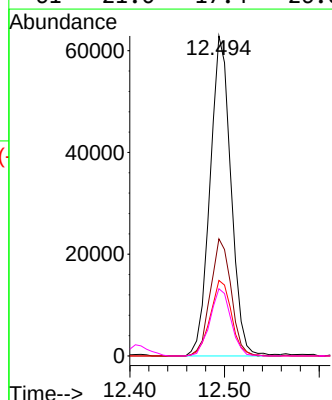
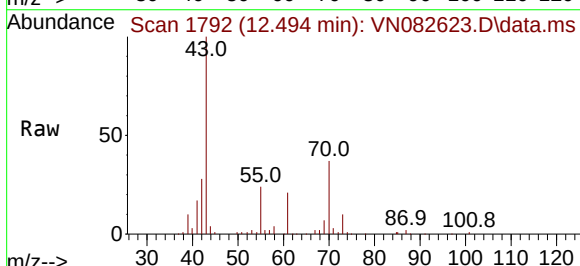
Ion Ratio Lower Upper

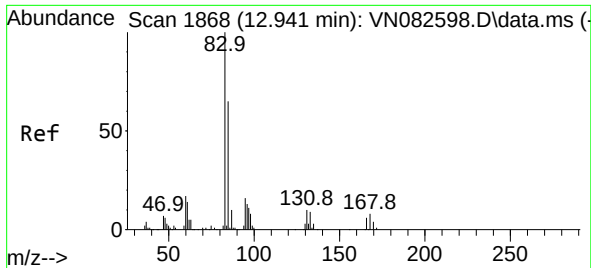
43 100

70 36.1 29.8 44.6

55 23.9 18.7 28.1

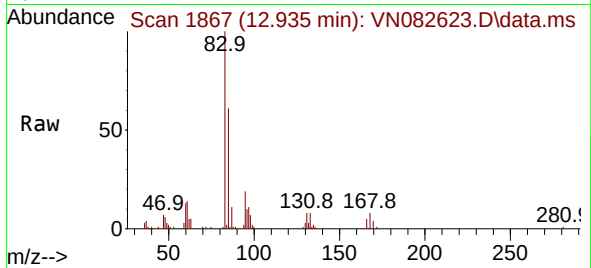
61 21.0 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.369 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

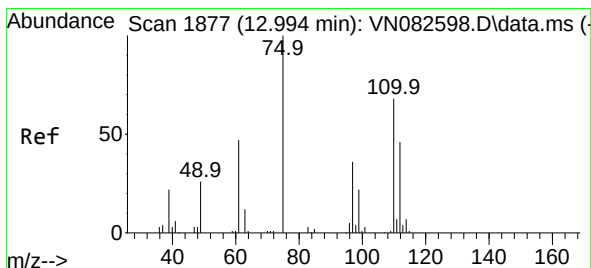
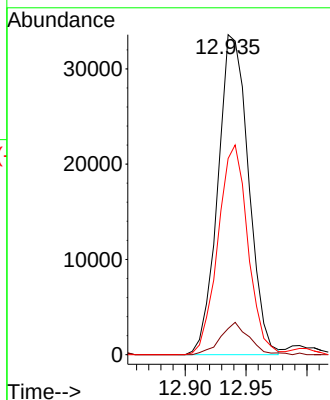
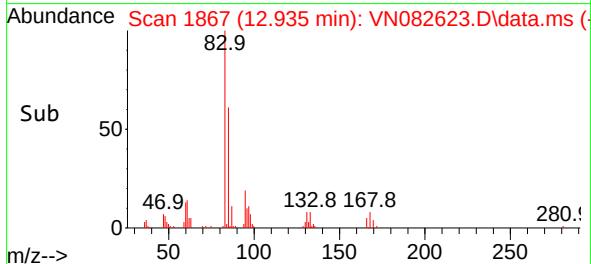
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 83 Resp: 58949
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 63.9 31.9 95.7

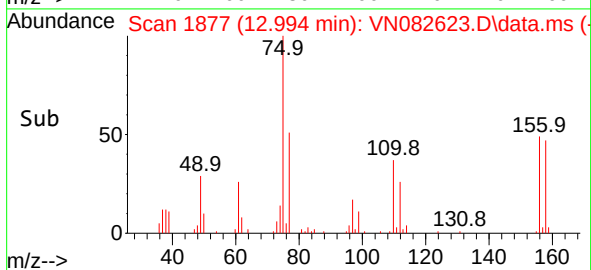
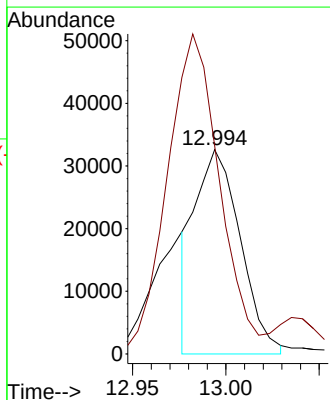
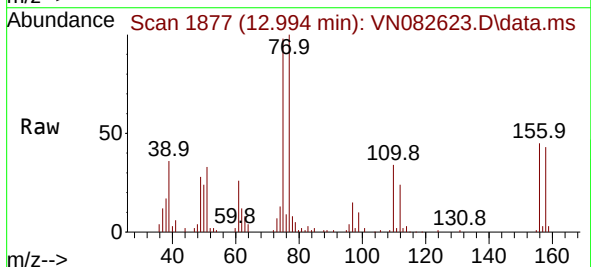
Manual Integrations
APPROVED

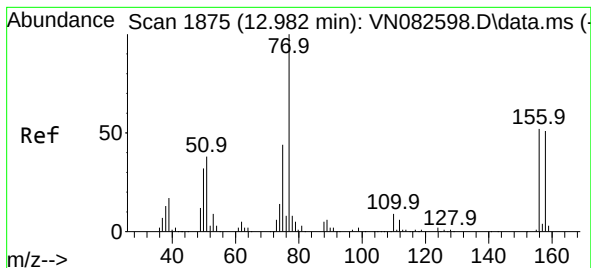
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#76
1,2,3-Trichloropropane
Concen: 18.271 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion: 75 Resp: 54908
Ion Ratio Lower Upper
75 100
77 181.3 110.9 332.6





#77

Bromobenzene

Concen: 18.757 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

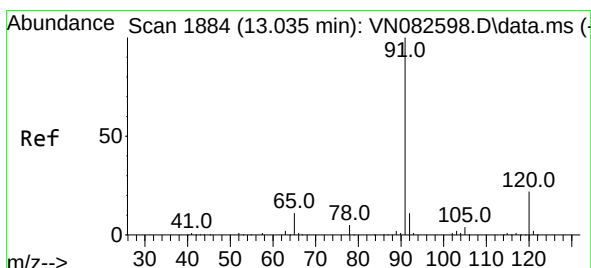
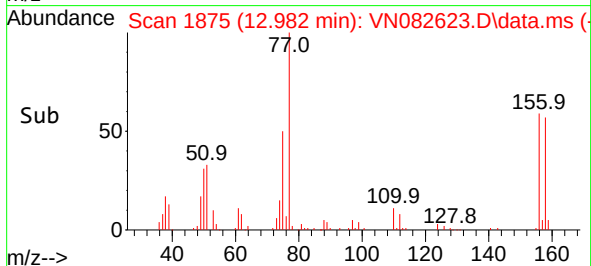
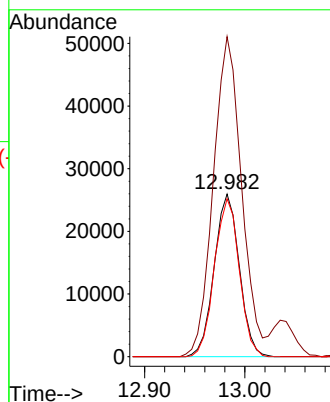
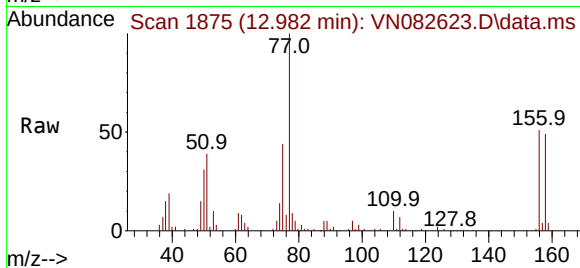
Tgt Ion:156 Resp: 45048
 Ion Ratio Lower Upper
 156 100
 77 221.0 111.3 333.8
 158 96.0 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#78

n-propylbenzene

Concen: 19.155 ug/l

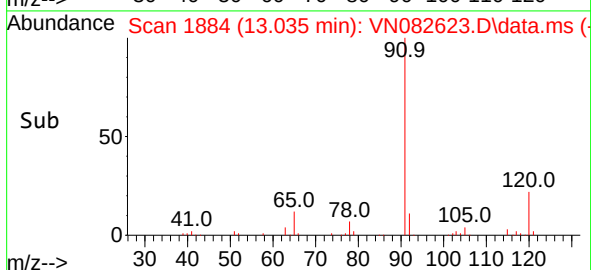
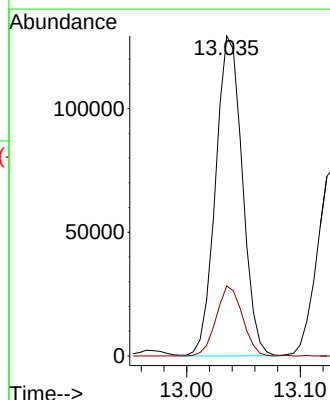
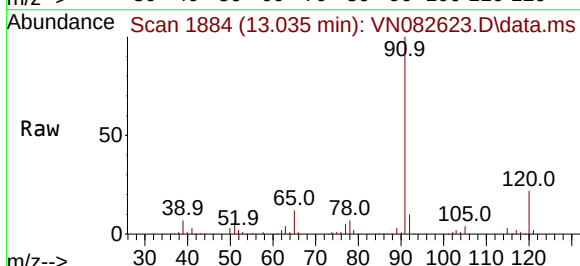
RT: 13.035 min Scan# 1884

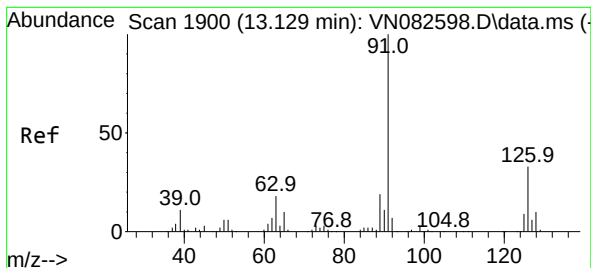
Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Tgt Ion: 91 Resp: 211402
 Ion Ratio Lower Upper
 91 100
 120 21.4 10.9 32.9





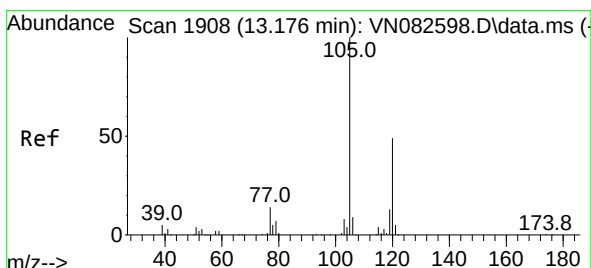
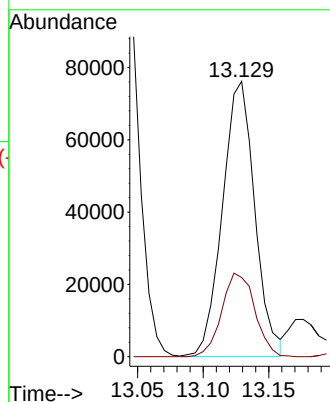
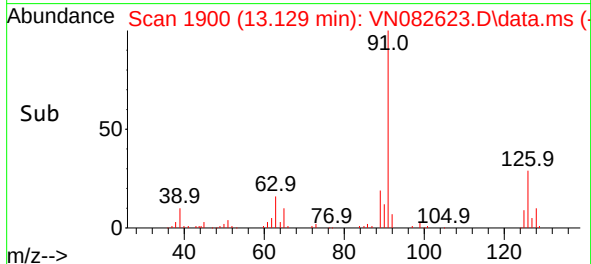
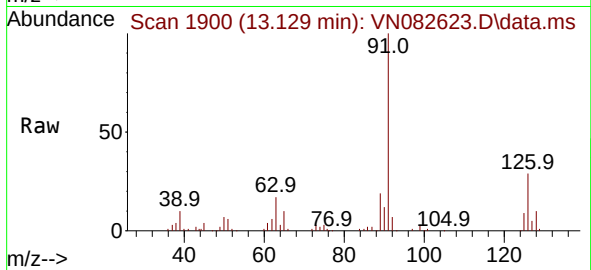
#79
2-Chlorotoluene
Concen: 18.857 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion: 91 Resp: 130512
Ion Ratio Lower Upper
91 100
126 31.0 16.2 48.6

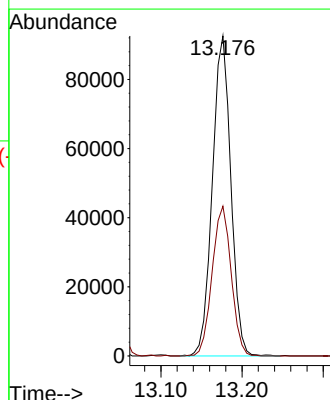
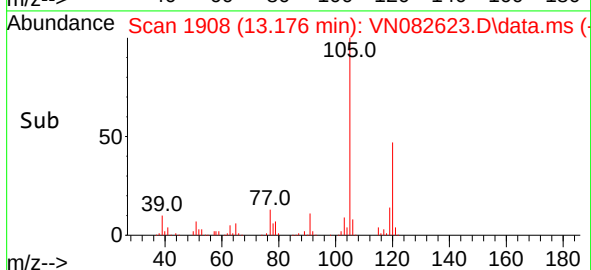
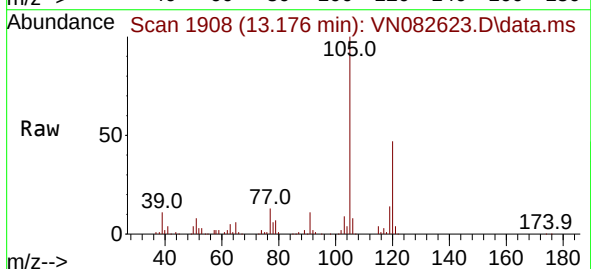
Manual Integrations
APPROVED

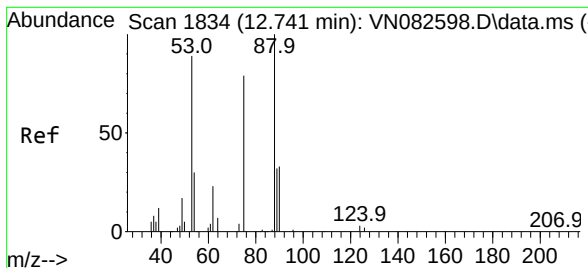
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.326 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

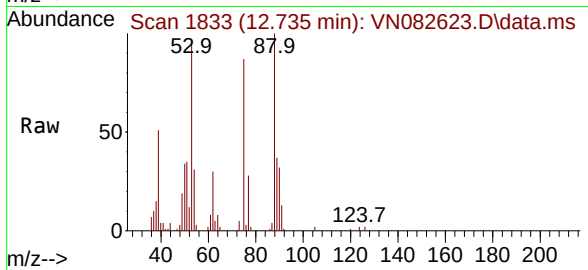
Tgt Ion:105 Resp: 146335
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.230 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

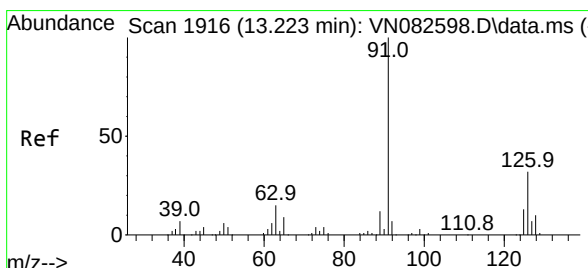
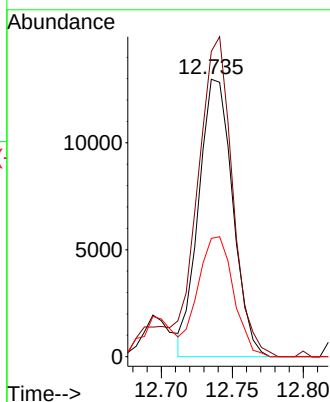
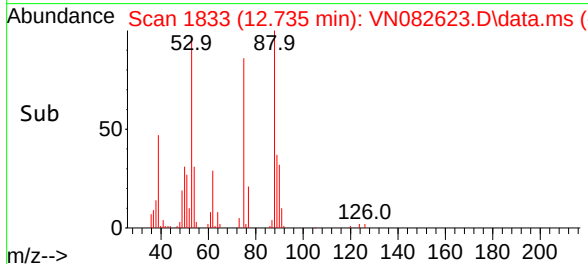
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 75 Resp: 21644
Ion Ratio Lower Upper
75 100
53 128.0 88.4 132.6
89 45.5 36.3 54.5

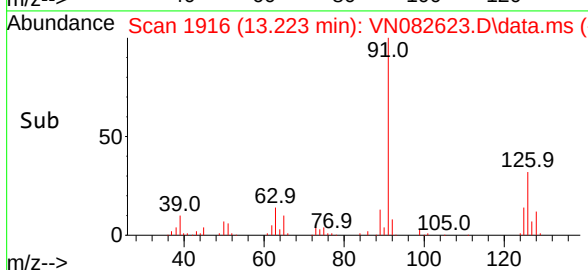
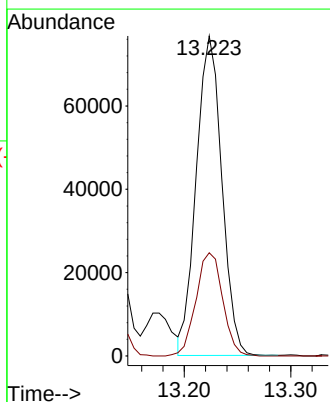
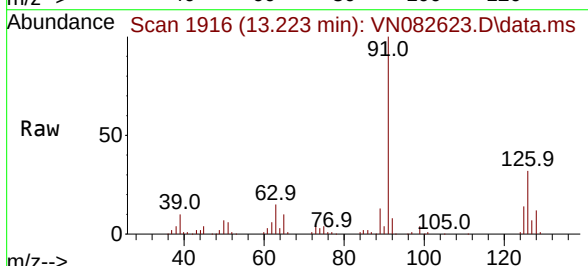
Manual Integrations
APPROVED

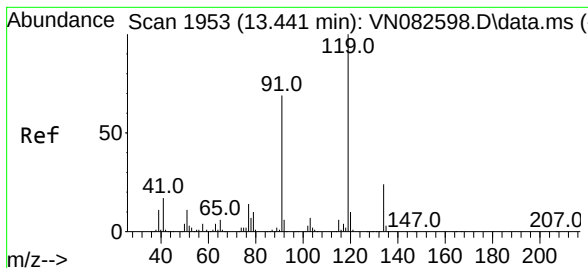
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#82
4-Chlorotoluene
Concen: 18.499 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

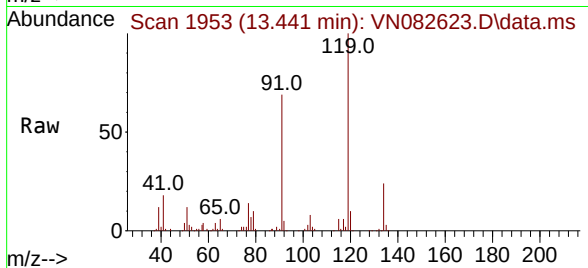
Tgt Ion: 91 Resp: 127901
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.726 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

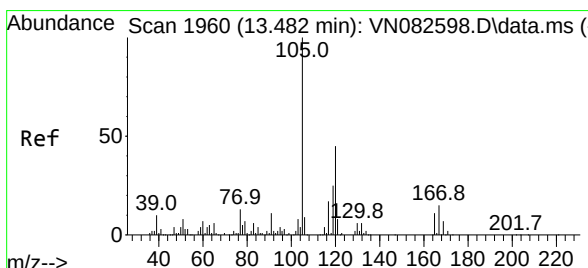
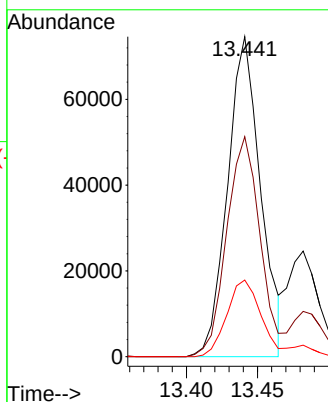
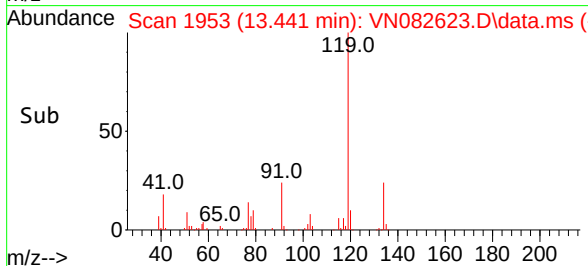
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



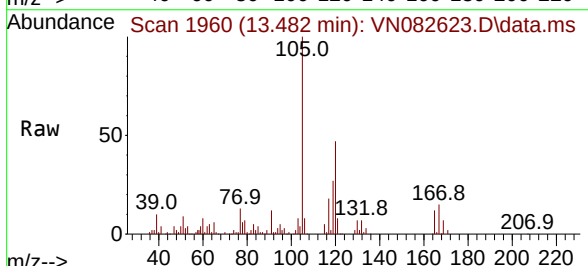
Tgt Ion:119 Resp: 120778
Ion Ratio Lower Upper
119 100
91 70.7 35.0 105.1
134 24.9 13.3 39.8

Manual Integrations
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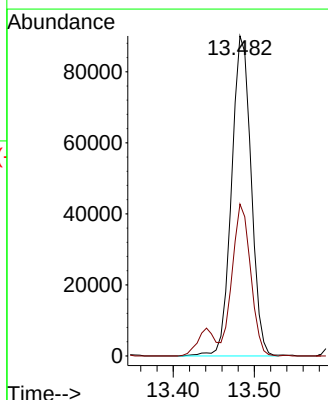
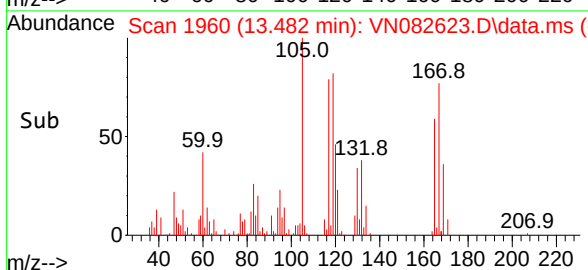
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

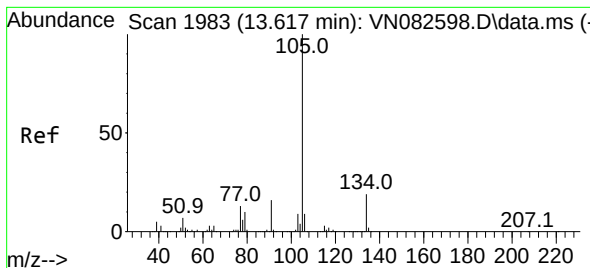


#84
1,2,4-Trimethylbenzene
Concen: 19.794 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



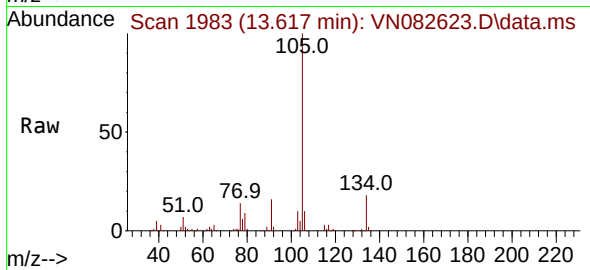
Tgt Ion:105 Resp: 150349
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 18.572 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06

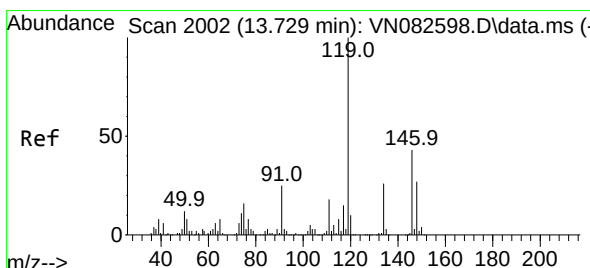
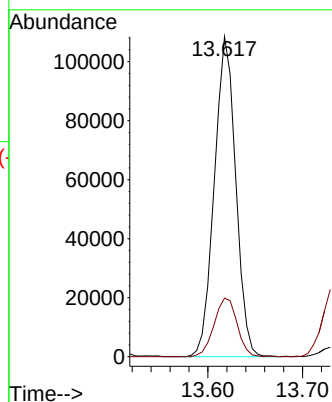
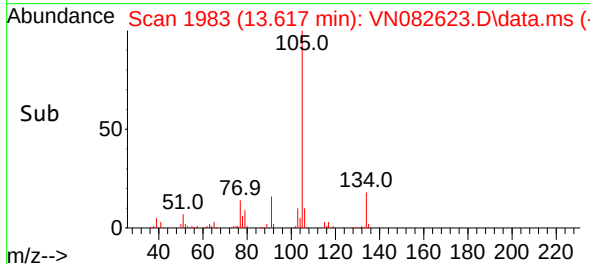
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01



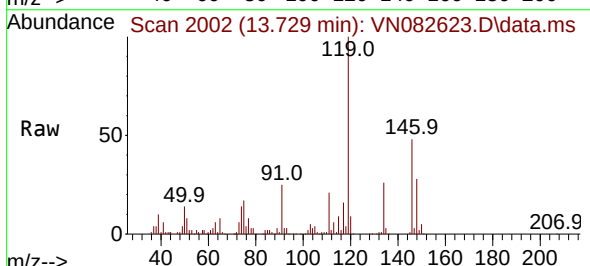
Tgt Ion:105 Resp: 170115
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

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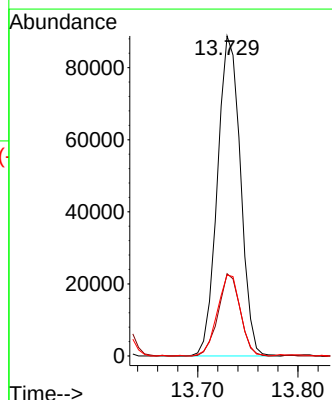
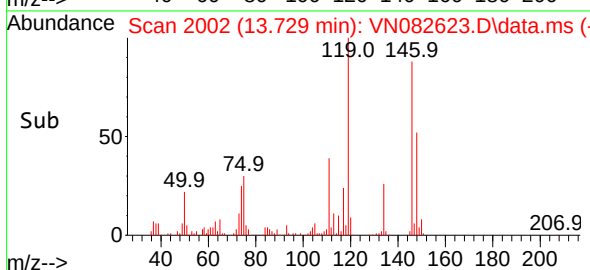
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

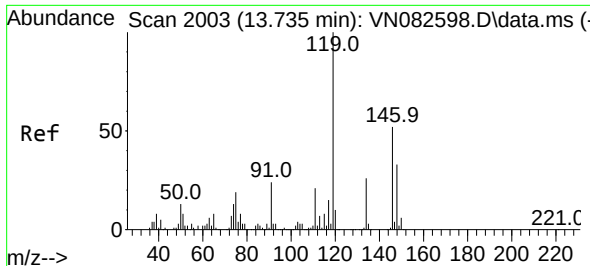


#86
 p-Isopropyltoluene
 Concen: 19.197 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082623.D
 Acq: 18 Jun 2024 11:06



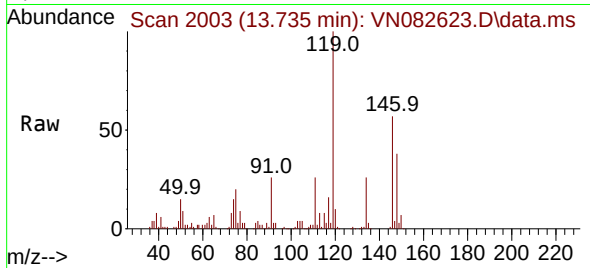
Tgt Ion:119 Resp: 141602
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.0 39.0
 91 25.3 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 18.565 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

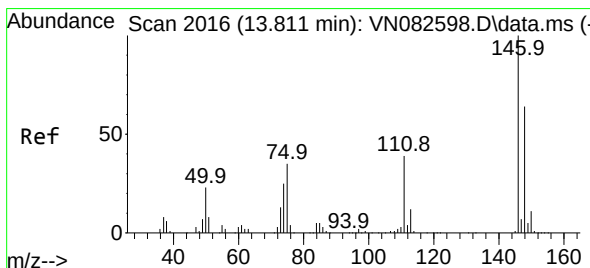
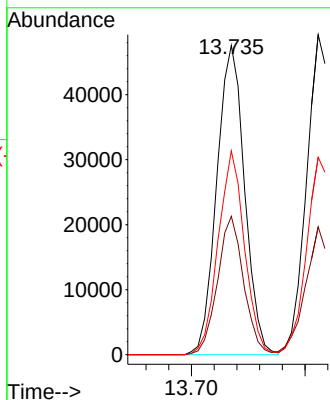
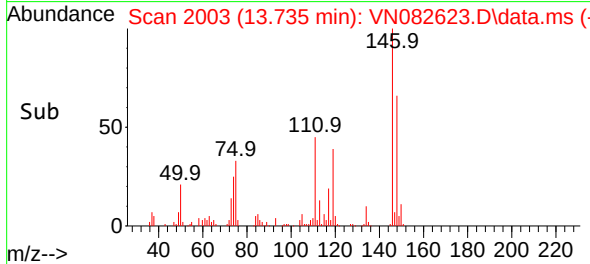
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



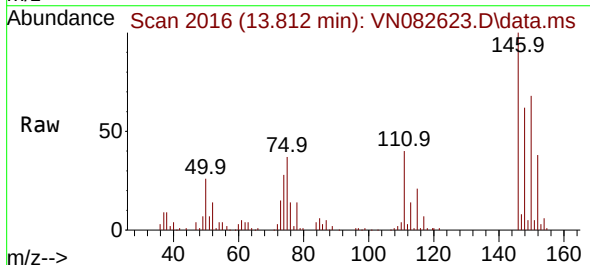
Tgt Ion:146 Resp: 8084
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.9
148 62.6 31.8 95.3

Manual Integrations
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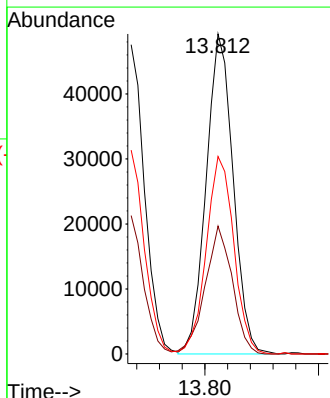
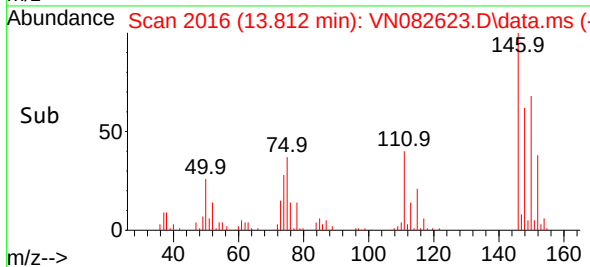
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

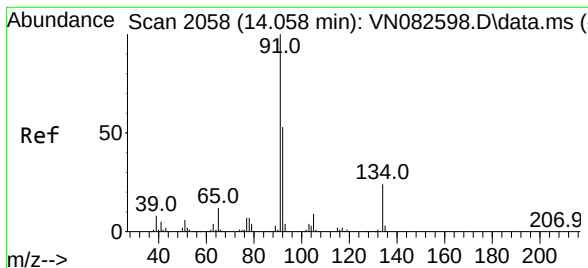


#88
1,4-Dichlorobenzene
Concen: 17.824 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



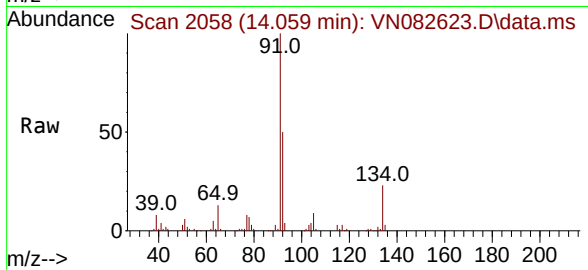
Tgt Ion:146 Resp: 81124
Ion Ratio Lower Upper
146 100
111 40.5 20.1 60.3
148 63.2 32.2 96.6





#89
n-Butylbenzene
Concen: 18.255 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

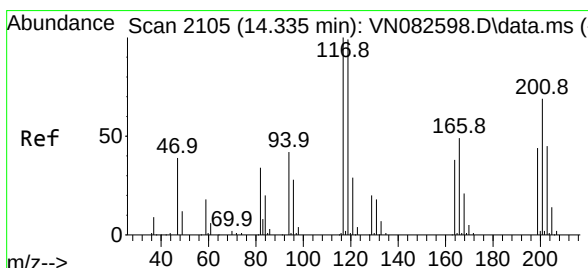
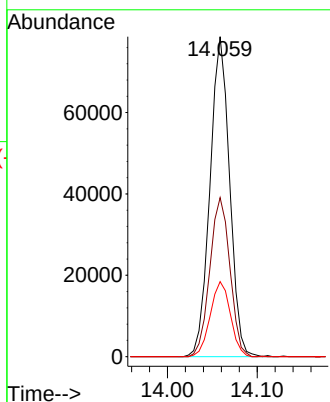
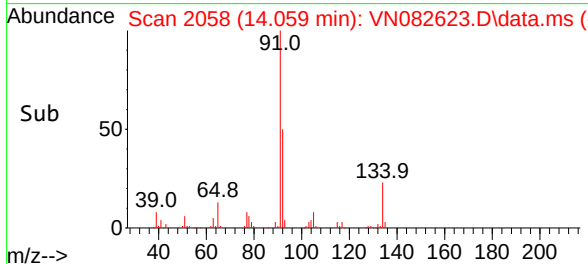
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



Tgt Ion: 91 Resp: 119440
Ion Ratio Lower Upper
91 100
92 50.9 26.1 78.3
134 24.1 12.1 36.3

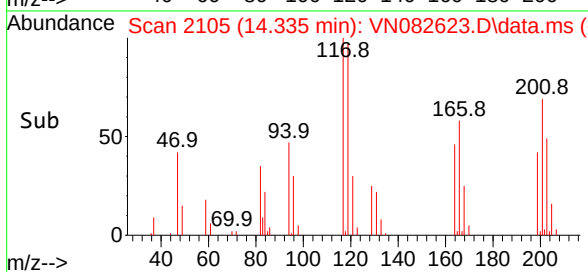
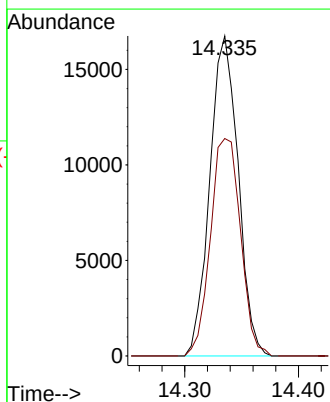
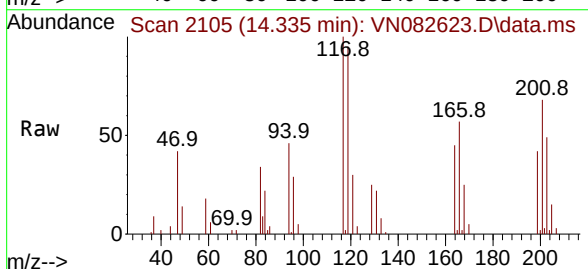
Manual Integrations
APPROVED

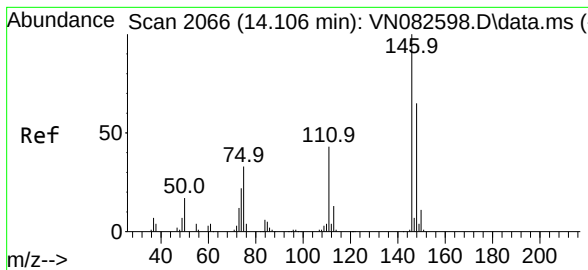
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#90
Hexachloroethane
Concen: 18.083 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Tgt Ion:117 Resp: 29022
Ion Ratio Lower Upper
117 100
201 72.1 35.8 107.3





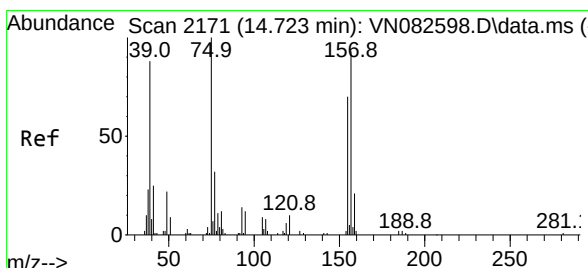
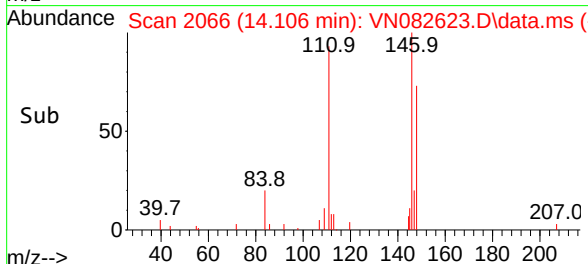
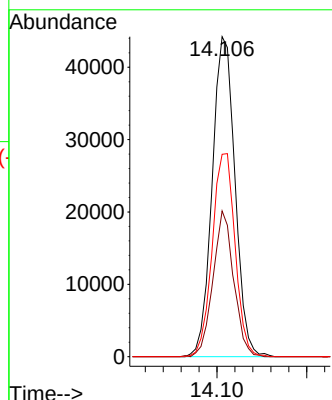
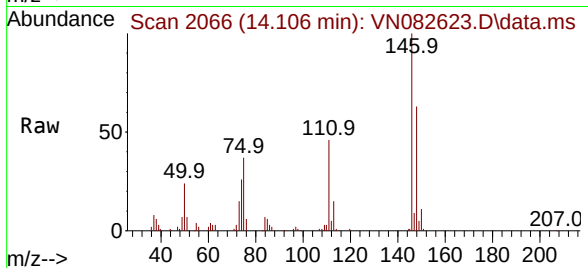
#91
1,2-Dichlorobenzene
Concen: 18.362 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion:146 Resp: 78069
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.2
148 63.6 32.1 96.5

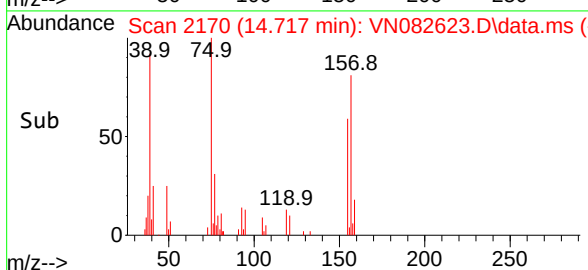
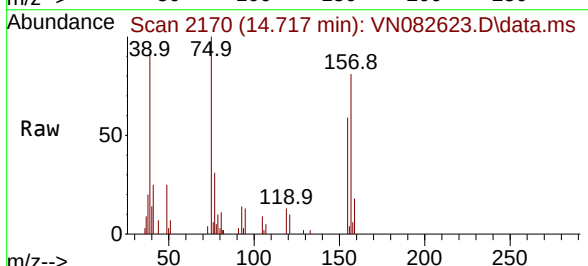
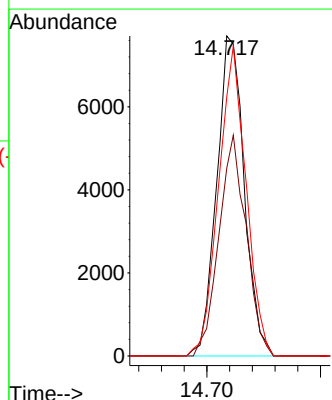
Manual Integrations
APPROVED

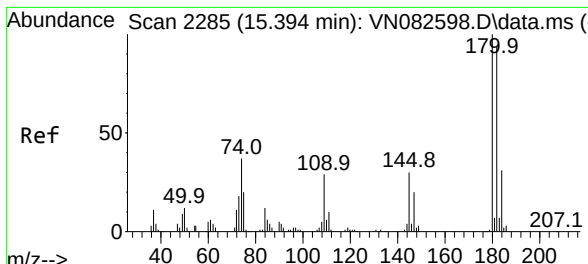
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.146 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

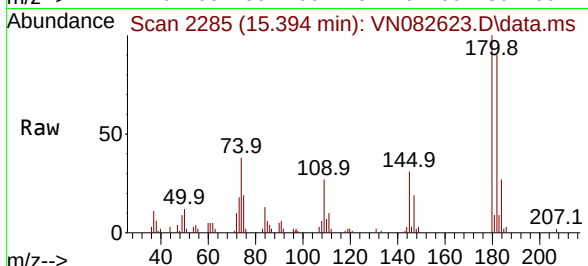
Tgt Ion: 75 Resp: 12976
Ion Ratio Lower Upper
75 100
155 68.4 36.6 109.8
157 96.5 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 16.998 ug/l
RT: 15.394 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06

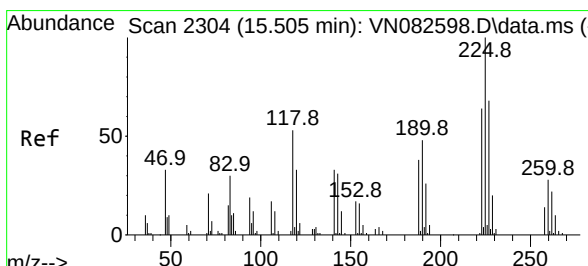
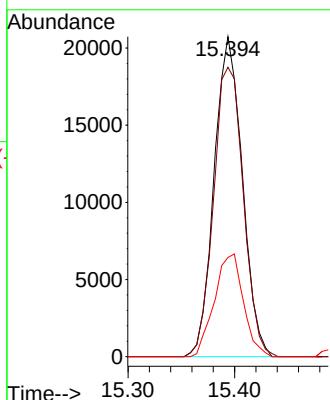
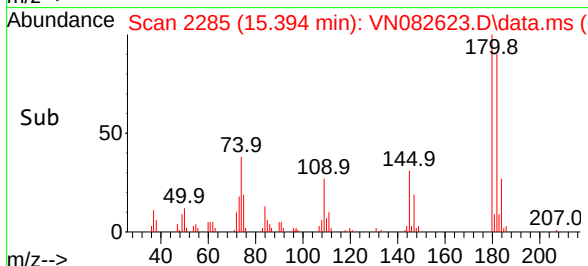
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



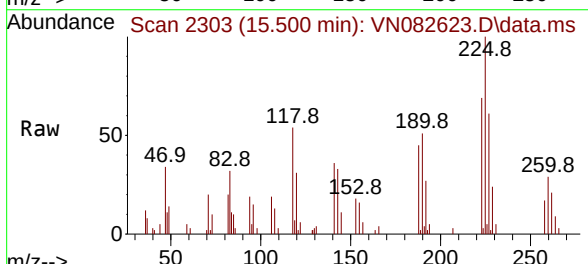
Tgt Ion:180 Resp: 38110
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 33.0 15.7 47.1

Manual Integrations
APPROVED

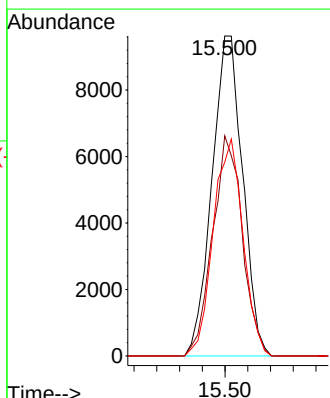
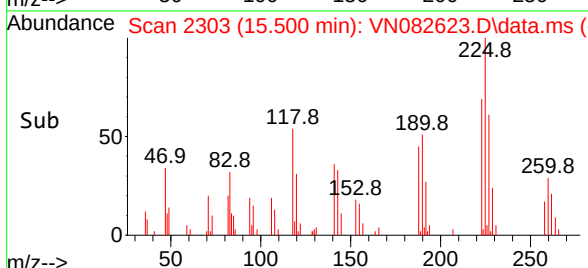
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

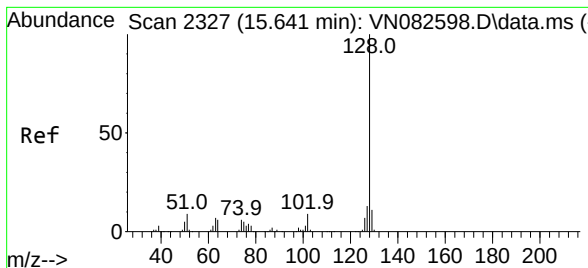


#94
Hexachlorobutadiene
Concen: 16.330 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082623.D
Acq: 18 Jun 2024 11:06



Tgt Ion:225 Resp: 18052
Ion Ratio Lower Upper
225 100
223 66.5 31.9 95.7
227 65.8 32.5 97.5





#95

Naphthalene

Concen: 17.739 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

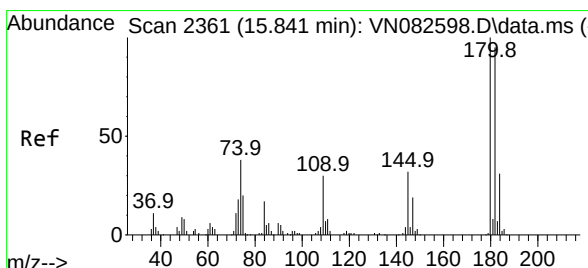
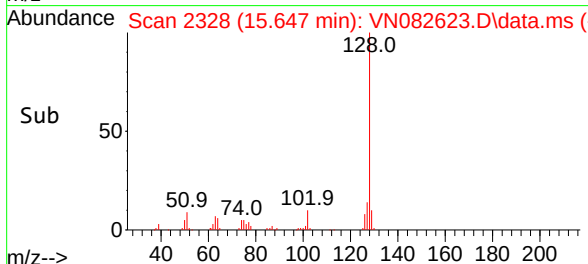
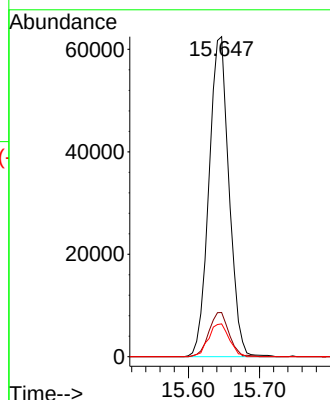
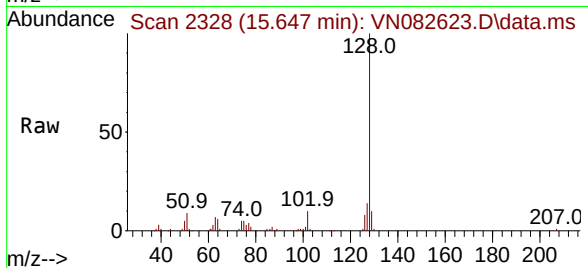
Tgt Ion:128	Resp: 122354
Ion Ratio	Lower Upper
128 100	
127 13.9	10.6 16.0
129 10.6	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.600 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082623.D

Acq: 18 Jun 2024 11:06

Tgt Ion:180	Resp: 40212
Ion Ratio	Lower Upper
180 100	
182 93.2	48.9 146.8
145 32.3	16.8 50.4

